

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085092.D
 Acq On : 17 Feb 2016 17:56
 Operator : SJ/IZ
 Sample : H1418-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:15 AM

Quant Time: Feb 18 00:28:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188239	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	756447	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	361909	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	745710	20.00	ng	0.00
75) Chrysene-d12	14.16	240	730502	20.00	ng	0.00
86) Perylene-d12	15.63	264	584395	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1614047	149.86	ng	0.02
7) Phenol-d6	6.62	99	2131054	157.38	ng	0.00
23) Nitrobenzene-d5	7.56	82	1403744	113.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	605243	157.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2309484	94.30	ng	0.00
78) Terphenyl-d14	13.11	244	2504221	96.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	230580	45.24	ng	89
3) Pyridine	3.55	79	691924	52.69	ng	88
4) n-Nitrosodimethylamine	3.50	42	338194	53.68	ng	92
6) Aniline	6.66	93	271008	14.41	ng	# 69
8) 2-Chlorophenol	6.78	128	640896	51.61	ng	96
9) Benzaldehyde	6.54	77	165946	21.08	ng	85
10) Phenol	6.63	94	709099	48.44	ng	# 51
11) bis(2-Chloroethyl)ether	6.73	93	656770	53.15	ng	91
12) 1,3-Dichlorobenzene	6.94	146	680220	50.77	ng	97
13) 1,4-Dichlorobenzene	7.02	146	728085	53.51	ng	97
14) 1,2-Dichlorobenzene	7.16	146	621543	49.33	ng	97
15) Benzyl Alcohol	7.13	79	570247	57.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	976321	52.27	ng	94
17) 2-Methylphenol	7.24	107	580882	58.47	ng	# 84
18) Hexachloroethane	7.51	117	252760	52.13	ng	# 87
19) n-Nitroso-di-n-propylamine	7.42	70	510770	55.25	ng	# 80
20) 3+4-Methylphenols	7.39	107	657281	52.64	ng	94
22) Acetophenone	7.40	105	891253	47.29	ng	# 97
24) Nitrobenzene	7.58	77	666767	52.83	ng	98
25) Isophorone	7.82	82	1297267	50.30	ng	98
26) 2-Nitrophenol	7.90	139	345842	60.70	ng	92
27) 2,4-Dimethylphenol	7.93	122	659384	53.81	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	773112	50.55	ng	98
29) 2,4-Dichlorophenol	8.14	162	603852	57.19	ng	94
30) 1,2,4-Trichlorobenzene	8.22	180	603735	50.17	ng	99
31) Naphthalene	8.31	128	1912286	52.60	ng	98
32) Benzoic acid	7.99	122	42812	10.63	ng	94
33) 4-Chloroaniline	8.34	127	89917	5.76	ng	98
34) Hexachlorobutadiene	8.42	225	371346	51.04	ng	96
35) Caprolactam	8.72	113	177991m	56.39	ng	
36) 4-Chloro-3-methylphenol	8.82	107	590538	51.74	ng	97
37) 2-Methylnaphthalene	8.99	142	1253626	53.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	604429	49.08	ng	98
40) Hexachlorocyclopentadiene	9.15	237	702576	106.40	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085092.D
 Acq On : 17 Feb 2016 17:56
 Operator : SJ/IZ
 Sample : H1418-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

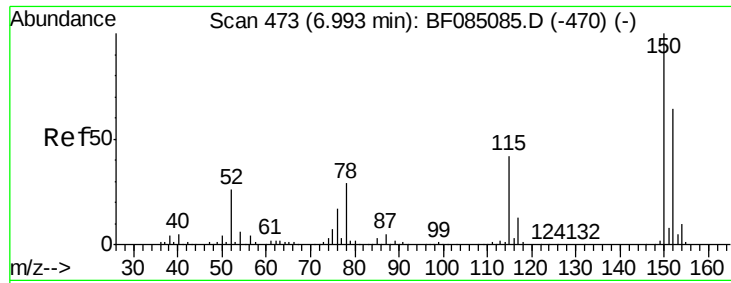
Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:15 AM

Quant Time: Feb 18 00:28:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	471220	60.24	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	405564	52.62	nq	95
45) 1,1'-Biphenyl	9.46	154	1596851	51.58	nq	97
46) 2-Chloronaphthalene	9.48	162	1219089	53.52	nq	96
47) 2-Nitroaniline	9.58	65	389658	54.61	nq	86
48) Acenaphthylene	9.90	152	1756084	47.69	nq	97
49) Dimethylphthalate	9.76	163	1735188	65.32	nq	# 96
50) 2,6-Dinitrotoluene	9.82	165	310429	55.50	nq	96
51) Acenaphthene	10.07	154	1135469	50.02	nq	97
52) 3-Nitroaniline	9.98	138	105405	16.64	nq	84
53) 2,4-Dinitrophenol	10.09	184	166739	64.05	nq	# 56
54) Dibenzofuran	10.24	168	1634159	53.90	nq	99
55) 4-Nitrophenol	10.14	139	487638	97.11	nq	97
56) 2,4-Dinitrotoluene	10.22	165	369969	53.68	nq	# 80
57) Fluorene	10.58	166	1193797	47.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	377232	59.97	nq	96
59) Diethylphthalate	10.46	149	1322030	48.18	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	623334	48.29	nq	93
61) 4-Nitroaniline	10.59	138	289992	49.01	nq	96
62) Azobenzene	10.73	77	1433912	55.63	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	196944	52.67	nq	# 71
65) n-Nitrosodiphenylamine	10.70	169	1243662	52.88	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	417986	48.00	nq	94
67) Hexachlorobenzene	11.13	284	450698	49.26	nq	95
68) Atrazine	11.22	200	441418	65.15	nq	94
69) Pentachlorophenol	11.32	266	579442	104.41	nq	95
70) Phenanthrene	11.54	178	1834137	48.96	nq	97
71) Anthracene	11.60	178	1936568	51.21	nq	93
72) Carbazole	11.75	167	1768196	51.27	nq	97
73) Di-n-butylphthalate	12.08	149	2042173	51.90	nq	97
74) Fluoranthene	12.73	202	1931685	47.70	nq	92
76) Benzidine	12.84	184	317270	14.75	nq	97
77) Pyrene	12.96	202	1985869	45.15	nq	96
79) Butylbenzylphthalate	13.58	149	979901	56.06	nq	# 94
80) Benzo(a)anthracene	14.15	228	2041398	50.09	nq	95
81) 3,3'-Dichlorobenzidine	14.10	252	195918	13.00	nq	98
82) Chrysene	14.18	228	1430625	38.14	nq	94
83) Bis(2-ethylhexyl)phthalate	14.14	149	1260590	52.77	nq	# 95
84) Di-n-octyl phthalate	14.74	149	2075244	54.30	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1601988	44.16	nq	99
87) Benzo(b)fluoranthene	15.20	252	1785101	47.91	nq	# 95
88) Benzo(k)fluoranthene	15.23	252	1765098m	58.83	nq	
89) Benzo(a)pyrene	15.57	252	1702477	53.77	nq	# 94
90) Dibenzo(a,h)anthracene	17.14	278	1317748	48.75	nq	# 94
91) Benzo(g,h,i)perylene	17.57	276	1275142	48.08	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

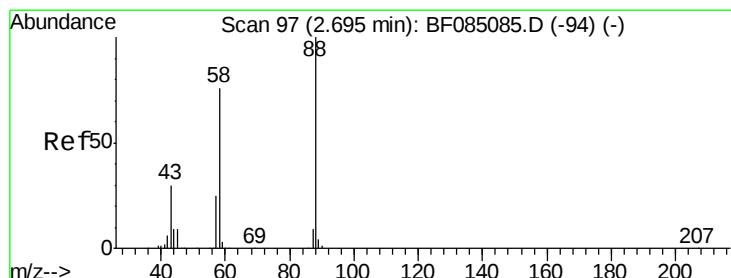
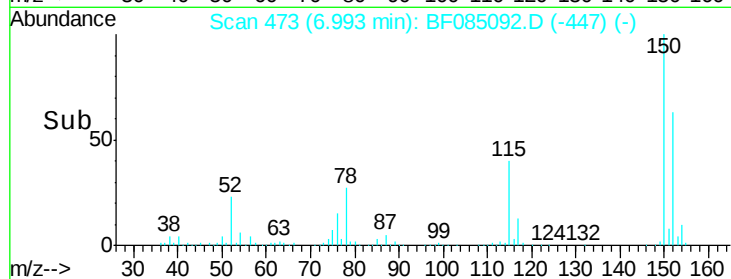
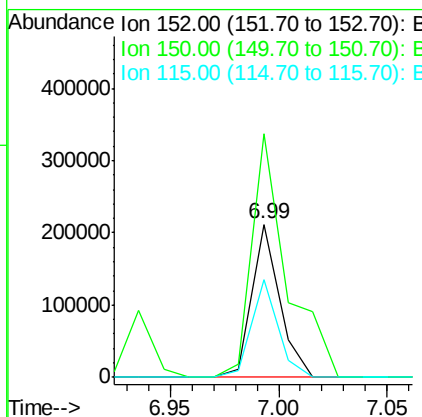
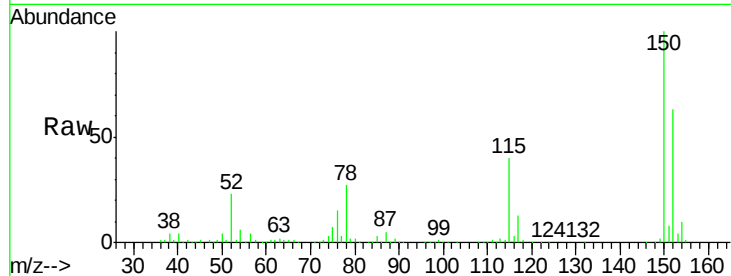
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.4	191.2
115	64.2	50.5	75.7

Manual Integrations
APPROVED

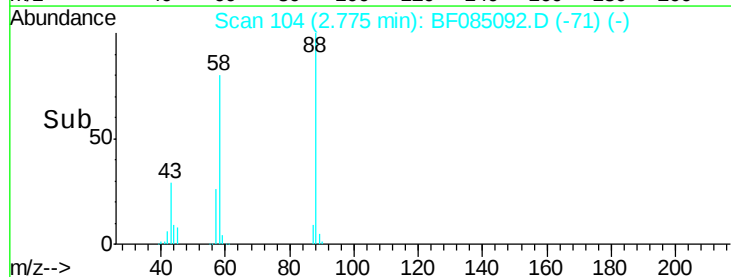
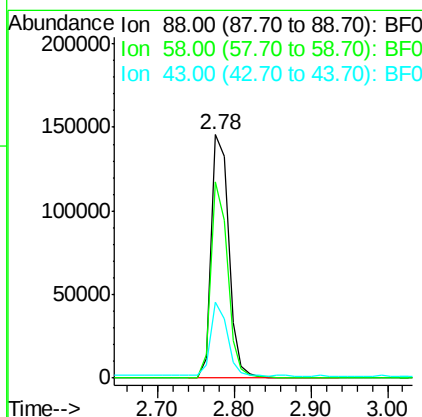
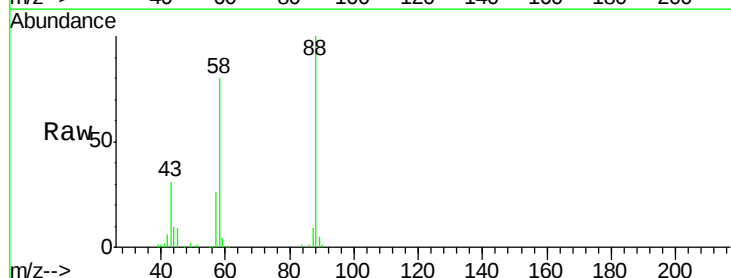
Sohil
2/19/2016 7:57:15 AM

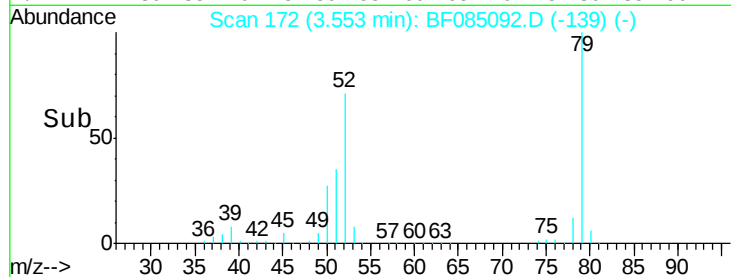
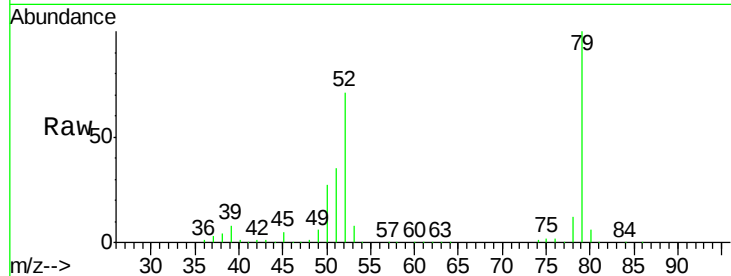
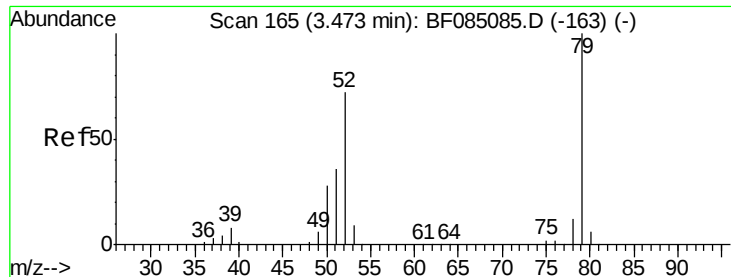


#2

1,4-Dioxane
Concen: 45.24 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	70.9	106.3
43	28.5	25.9	38.9





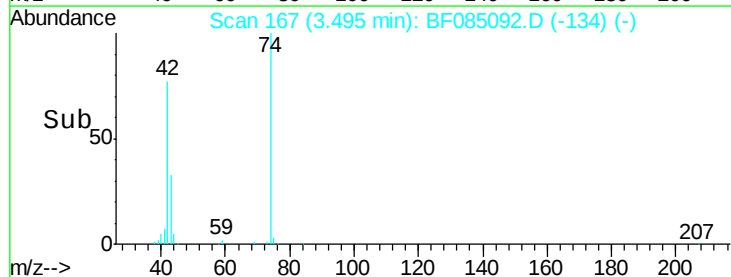
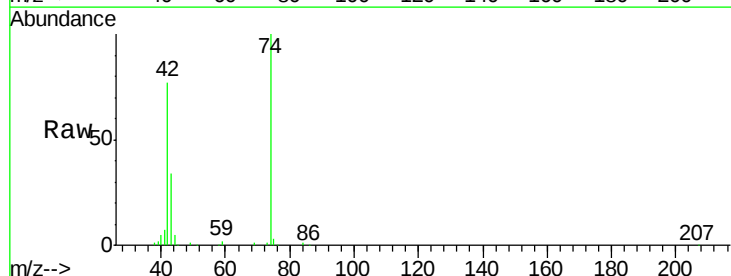
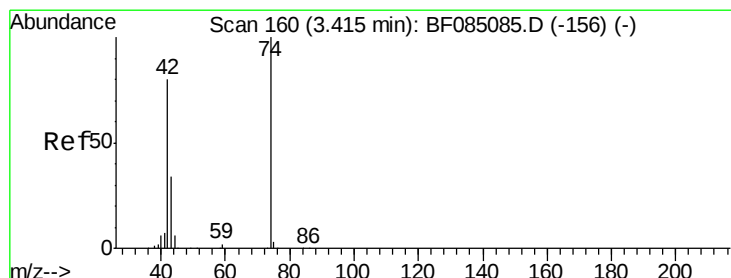
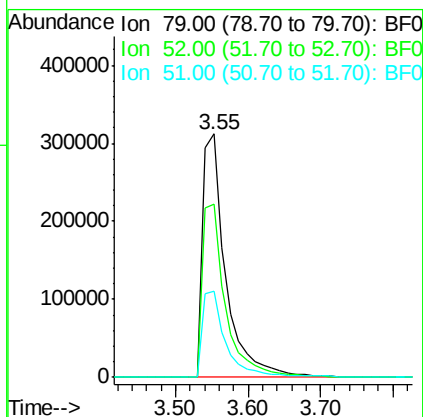
#3
 Pvridine
 Concen: 52.69 ng
 RT: 3.55 min Scan# 172
 Delta R.T. 0.08 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	691924		
52	52	71.3		67.1	100.7
51	51	35.4		32.7	49.1

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

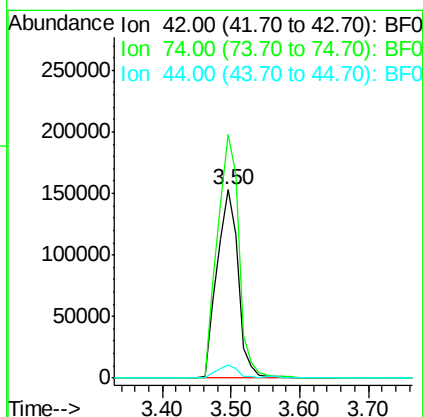
Manual Integrations
 APPROVED

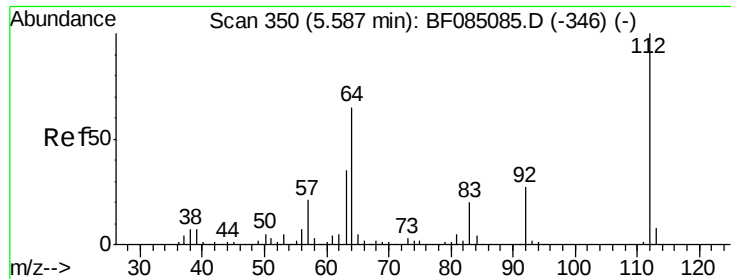
Sohil
 2/19/2016 7:57:15 AM



#4
 n-Nitrosodimethylamine
 Concen: 53.68 ng
 RT: 3.50 min Scan# 167
 Delta R.T. 0.08 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	338194		
74	74	129.2		96.2	144.4
44	44	7.1		7.0	10.4





#5

2-Fluorophenol

Concen: 149.86 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF085092.D

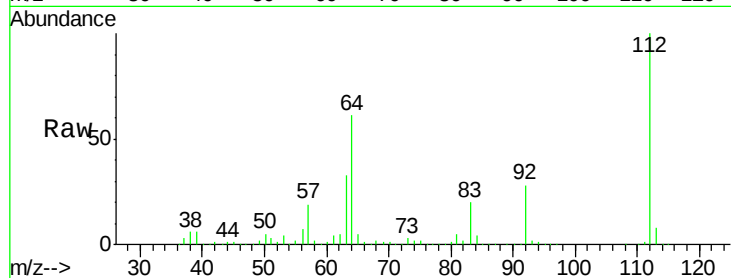
Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

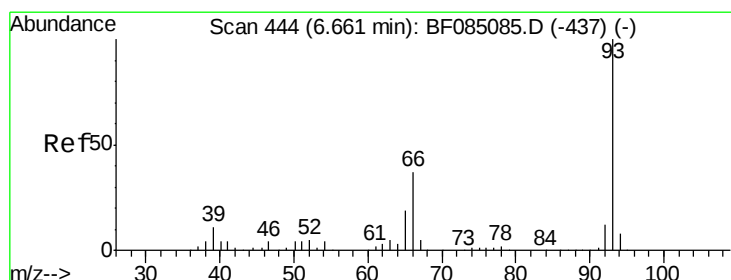
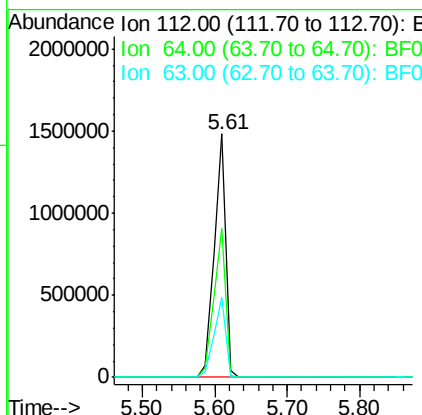
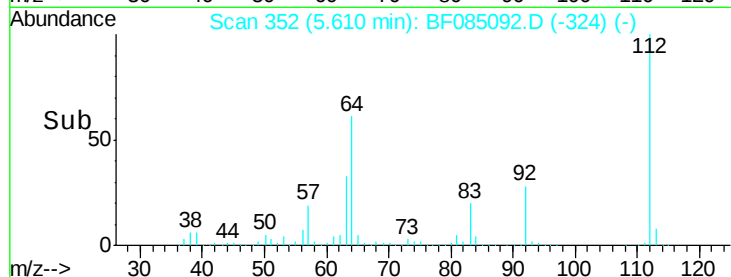
EP005MS



Tot Ion:	112	Resp:	1614047
Ion Ratio	Lower	Upper	
112	100		
64	61.1	45.4	68.2
63	32.6	23.2	34.8

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#6

Aniline

Concen: 14.41 ng

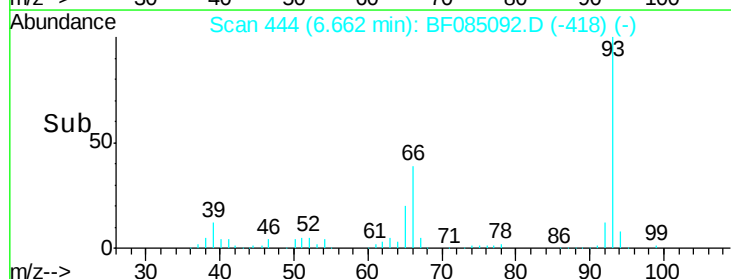
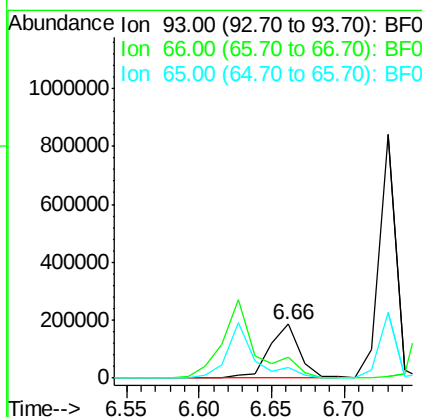
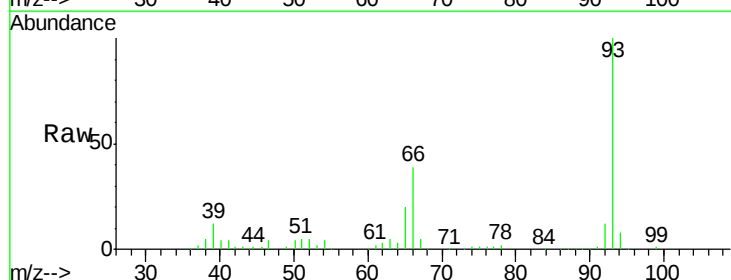
RT: 6.66 min Scan# 444

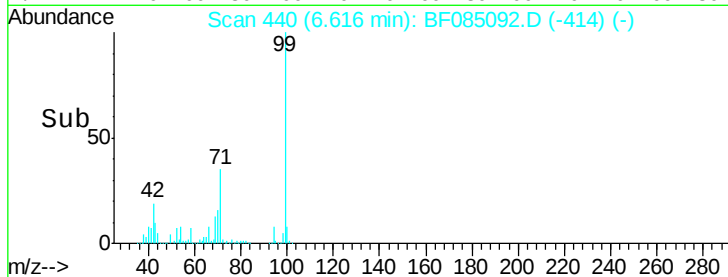
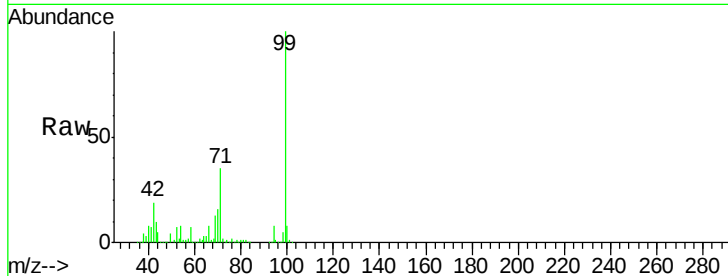
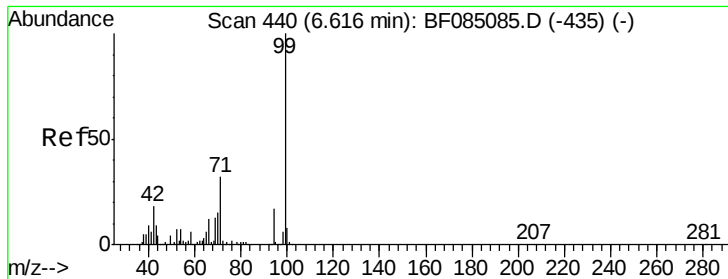
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	93	Resp:	271008
Ion Ratio	Lower	Upper	
93	100		
66	39.4	51.8	77.8#
65	19.6	28.5	42.7#





#7

Phenol-d6

Concen: 157.38 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tot Ion: 99 Resp: 2131054

Ion Ratio Lower Upper

99 100

42 19.3 17.0 25.4

71 34.6 28.3 42.5

Instrument :

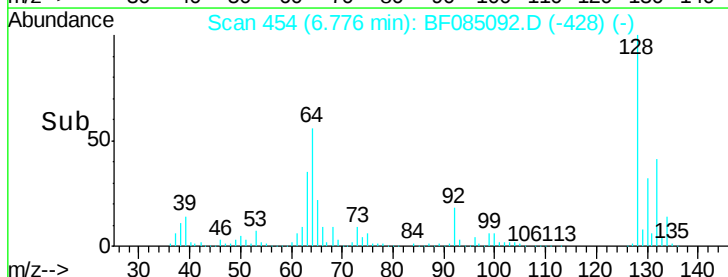
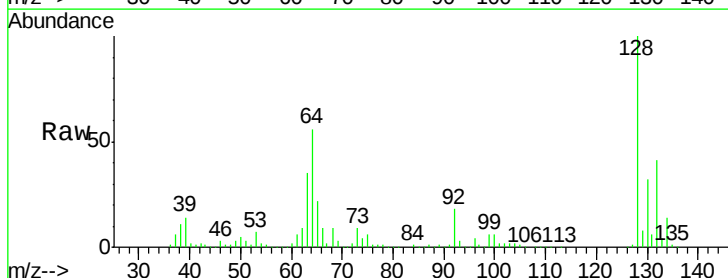
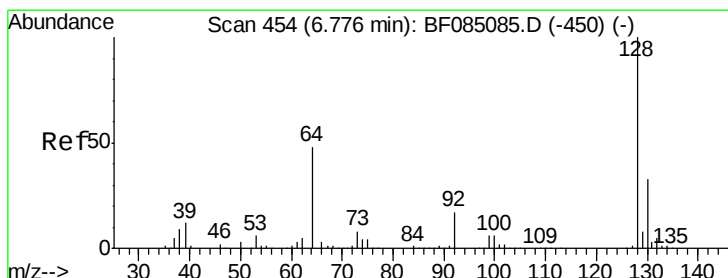
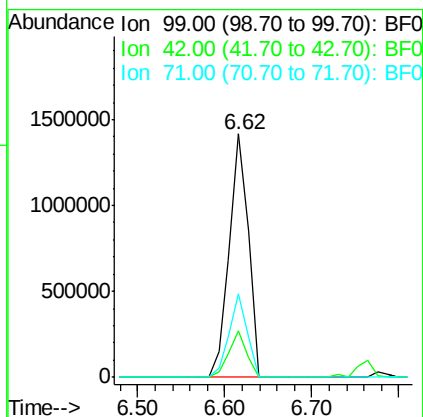
BNA_F

ClientSampleId :

EP005MS

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#8

2-Chlorophenol

Concen: 51.61 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

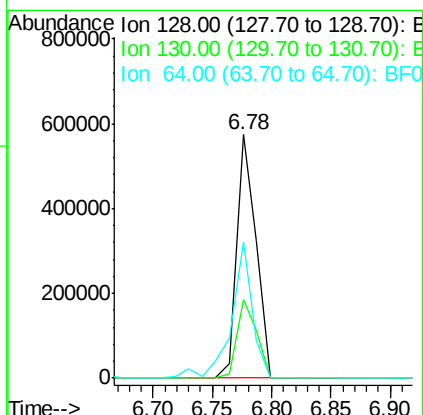
Tgt Ion: 128 Resp: 640896

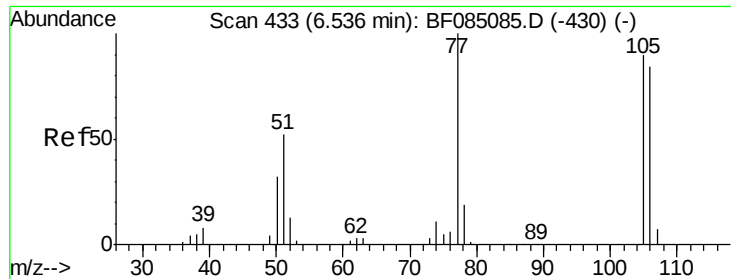
Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

64 56.1 32.1 72.1





#9

Benzaldehyde

Concen: 21.08 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion: 77 Resp: 165946

Ion Ratio Lower Upper

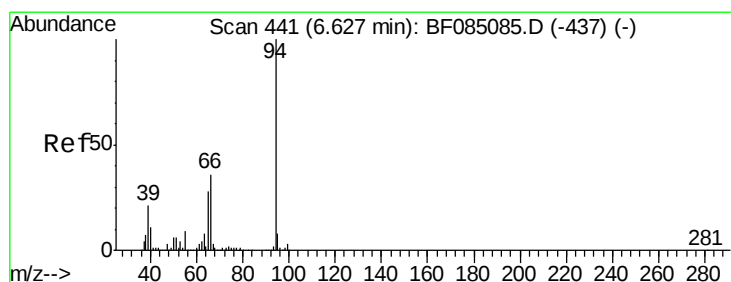
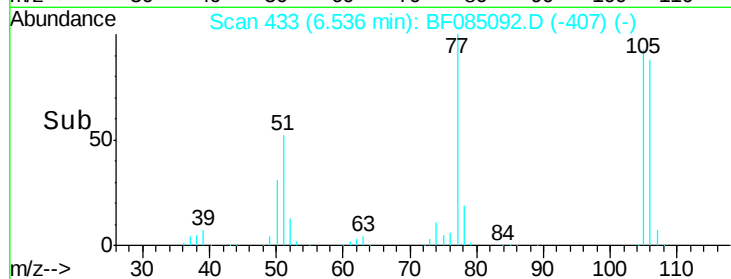
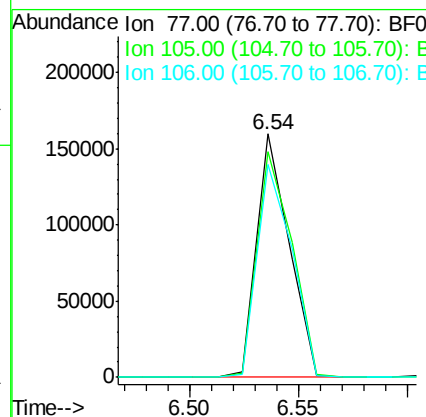
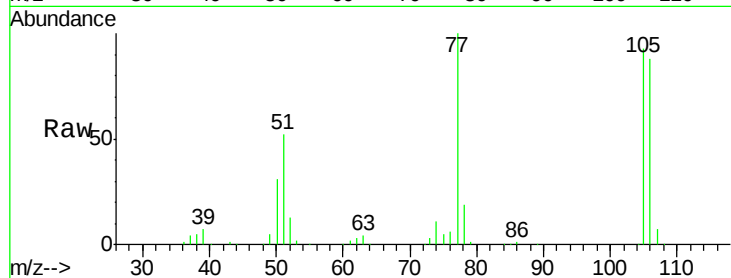
77 100

105 92.5 90.9 130.9

106 87.6 79.7 119.7

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#10

Phenol

Concen: 48.44 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

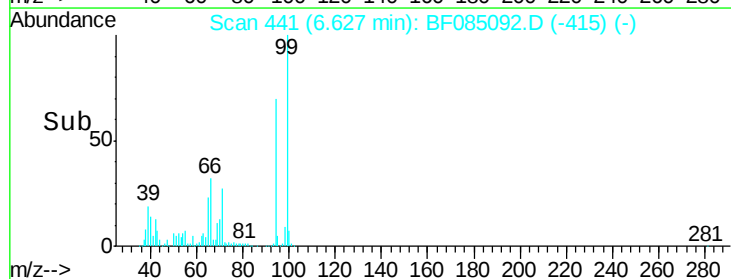
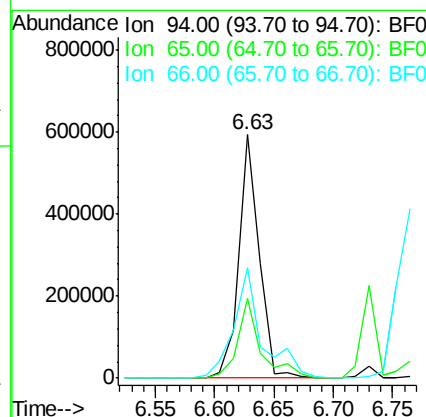
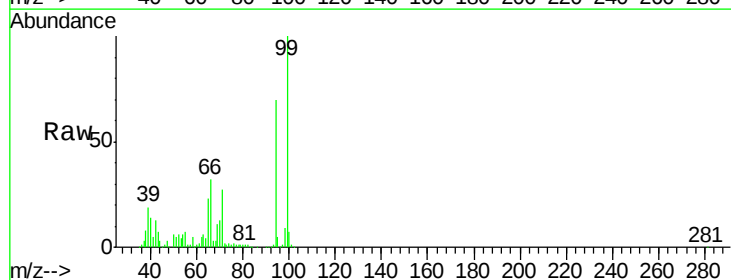
Tgt Ion: 94 Resp: 709099

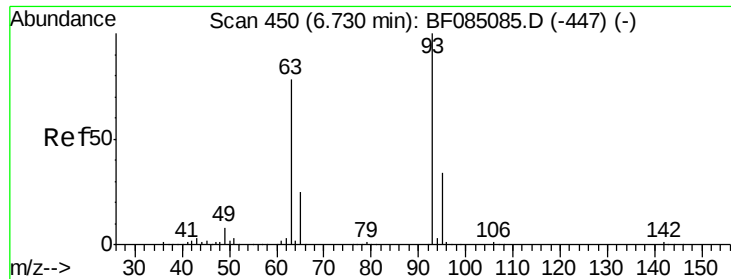
Ion Ratio Lower Upper

94 100

65 32.6 37.3 77.3#

66 45.5 84.1 124.1#





#11

bis(2-Chloroethyl)ether

Concen: 53.15 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

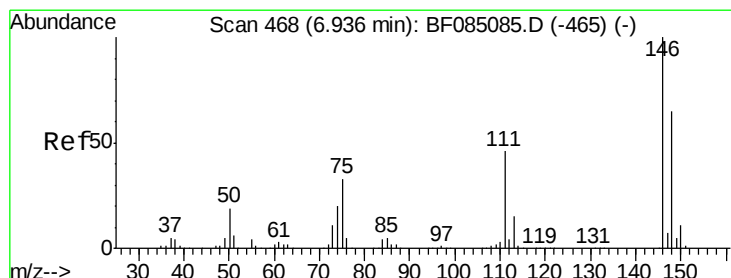
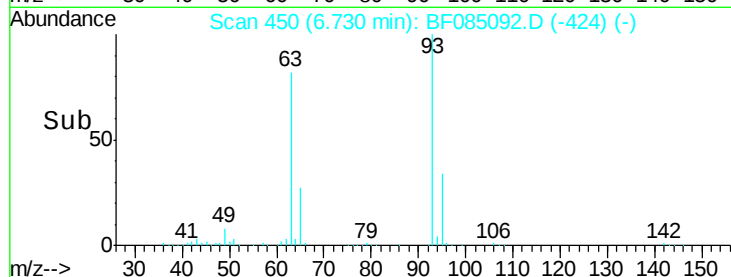
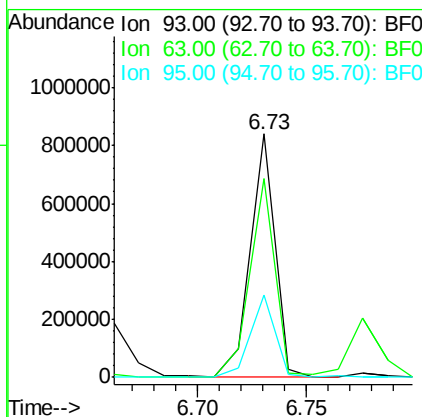
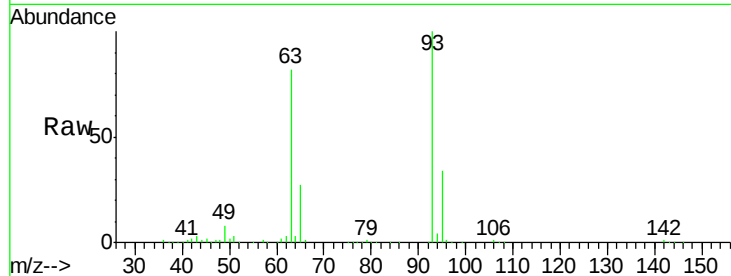
ClientSampleId :

EP005MS

Tot Ion:	93	Resp:	656770
Ion Ratio	Lower	Upper	
93	100		
63	81.8	53.6	93.6
95	33.6	10.1	50.1

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#12

1,3-Dichlorobenzene

Concen: 50.77 ng

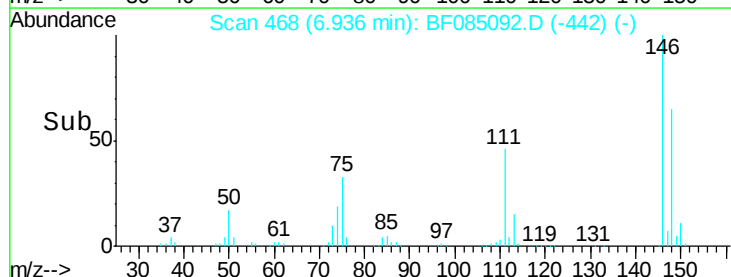
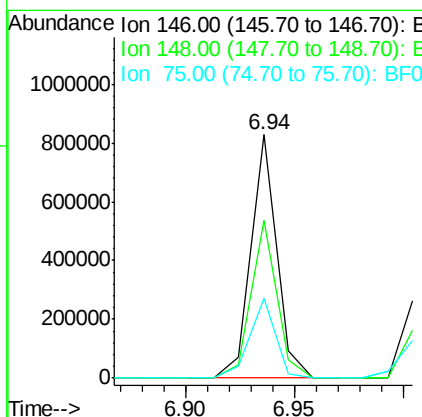
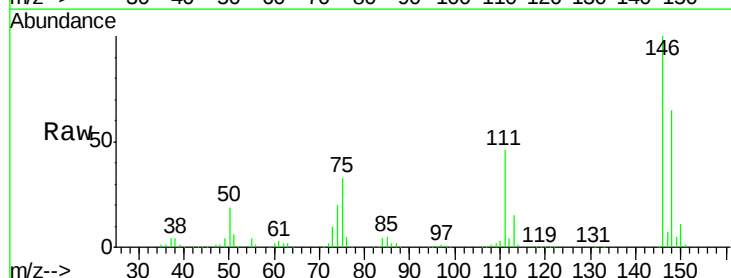
RT: 6.94 min Scan# 468

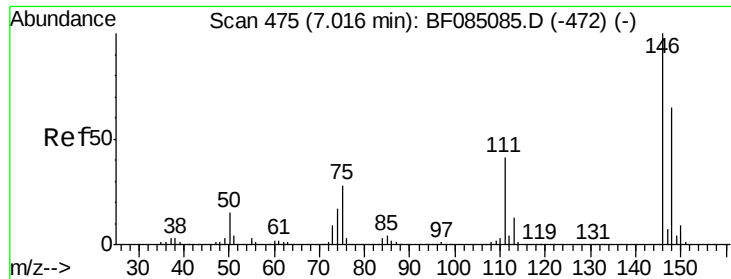
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	146	Resp:	680220
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.1	79.7
75	33.0	24.4	36.6





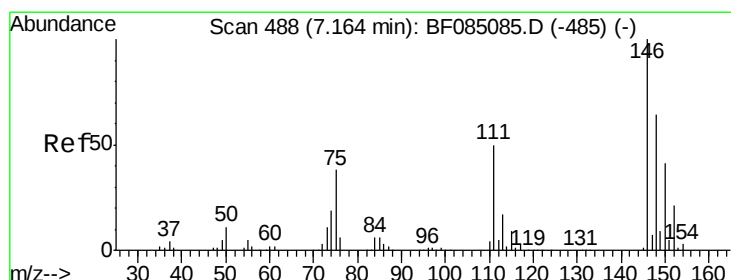
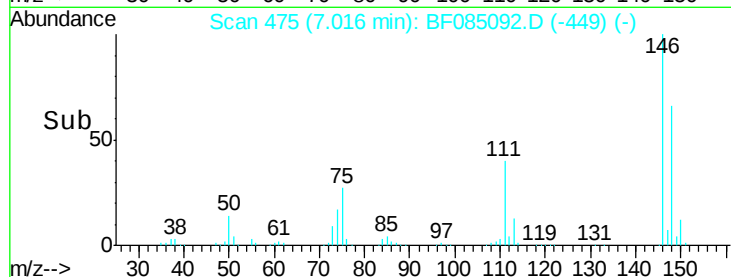
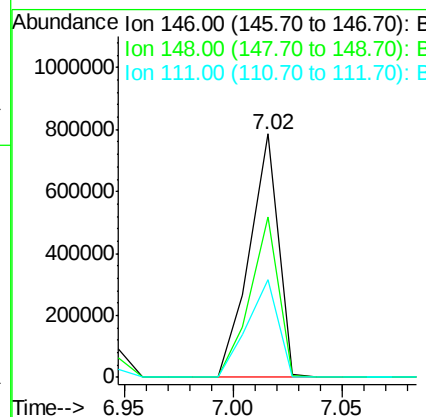
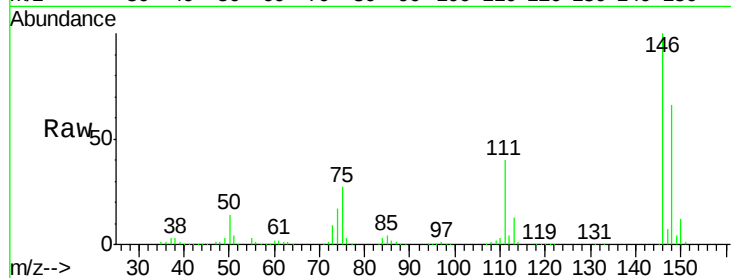
#13
 1,4-Dichlorobenzene
 Concen: 53.51 ng
 RT: 7.02 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleID :
 EP005MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.3	75.5
111	40.3	33.6	50.4

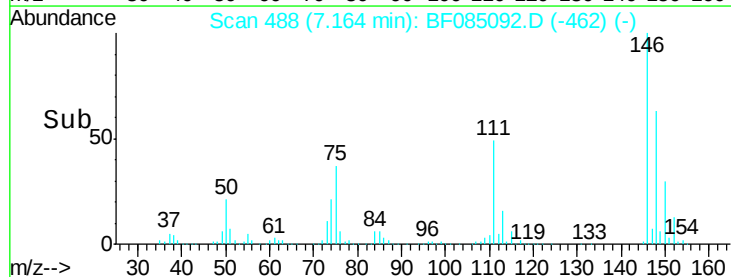
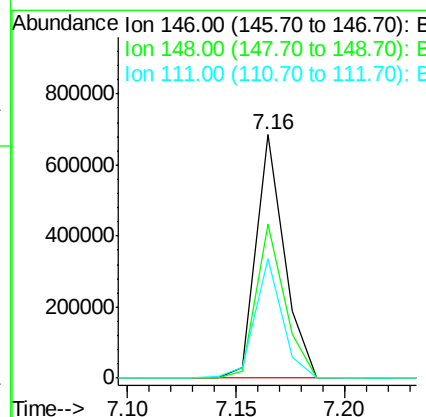
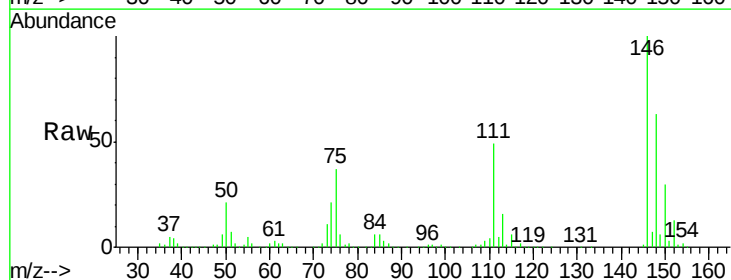
Manual Integrations
 APPROVED

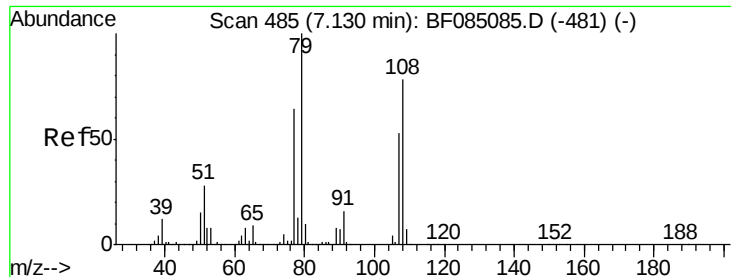
Sohil
 2/19/2016 7:57:15 AM



#14
 1,2-Dichlorobenzene
 Concen: 49.33 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	48.9	36.5	54.7





#15

Benzyl Alcohol

Concen: 57.36 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

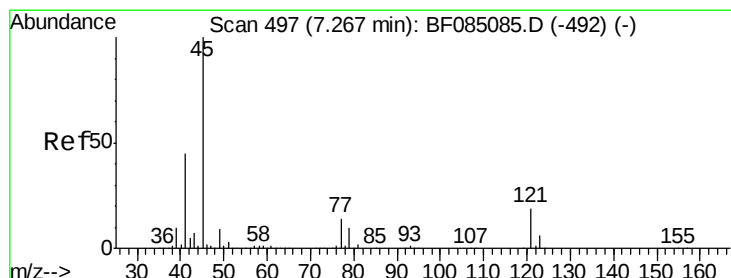
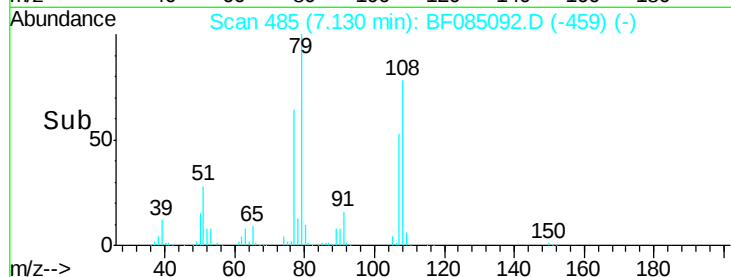
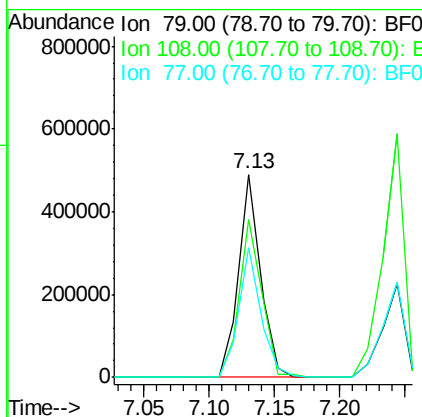
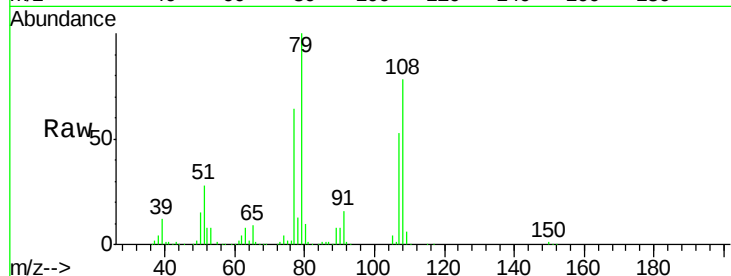
ClientSampleId :

EP005MS

Tot Ion:	79	Resp:	570247
Ion Ratio	Lower	Upper	
79	100		
108	78.0	63.4	95.0
77	63.7	51.8	77.6

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.27 ng

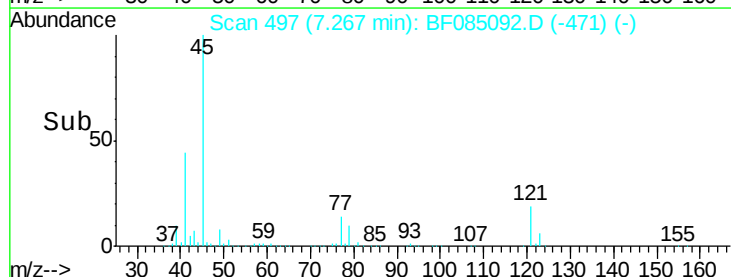
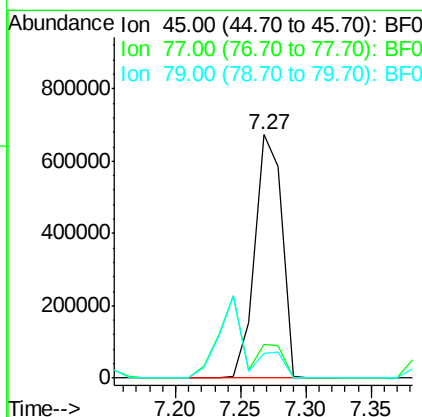
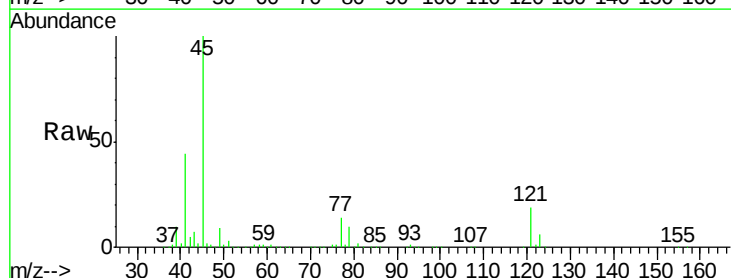
RT: 7.27 min Scan# 497

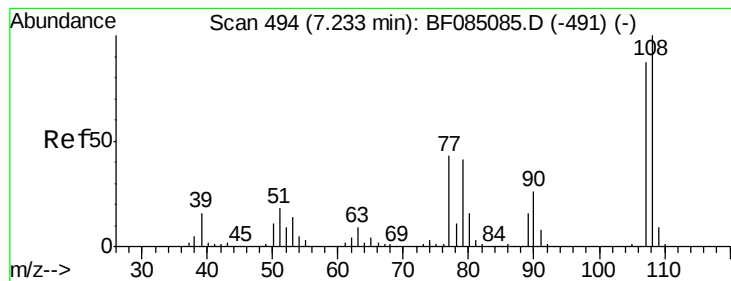
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	45	Resp:	976321
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	35.2
79	10.2	0.0	33.7





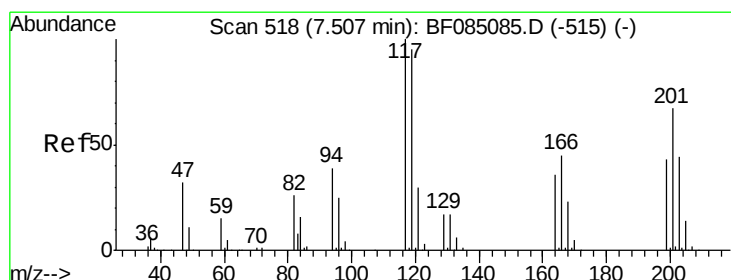
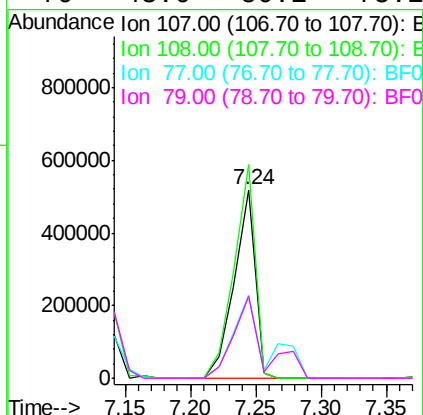
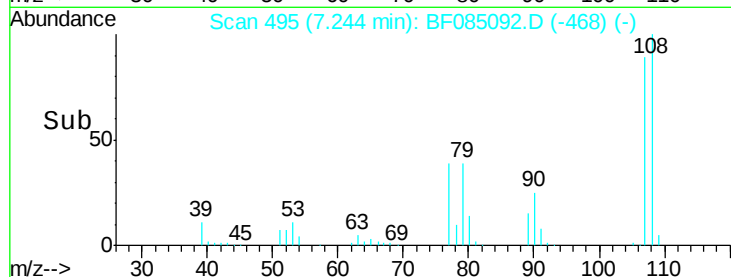
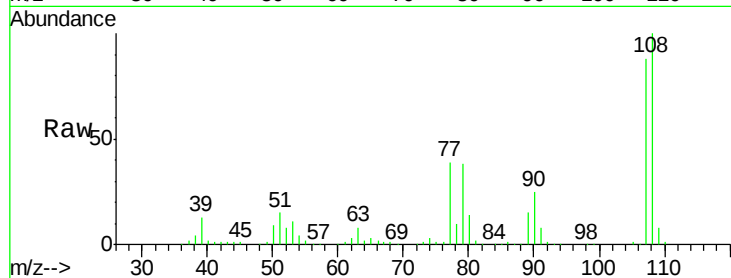
#17
2-Methylphenol
Concen: 58.47 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	97.0	145.4	
77	43.9	50.5	75.7#	
79	43.6	50.1	75.1#	

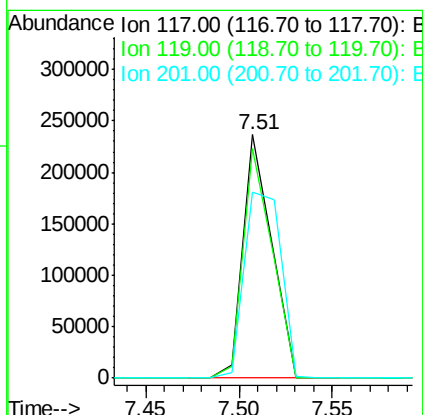
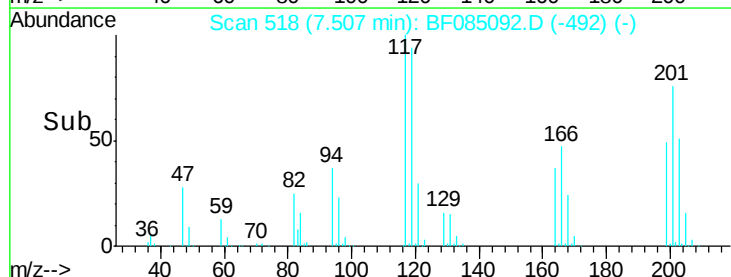
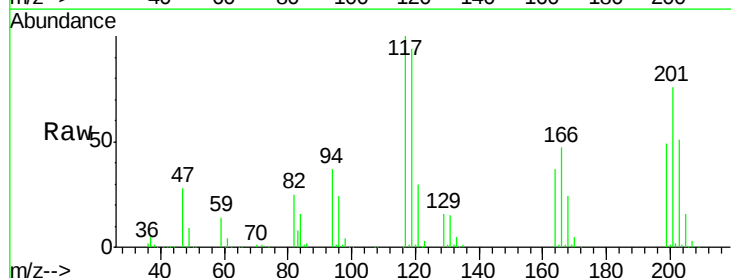
Manual Integrations
APPROVED

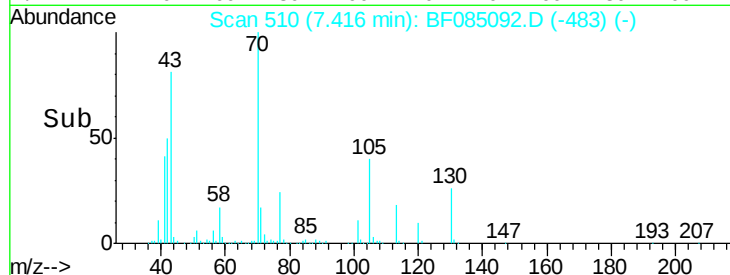
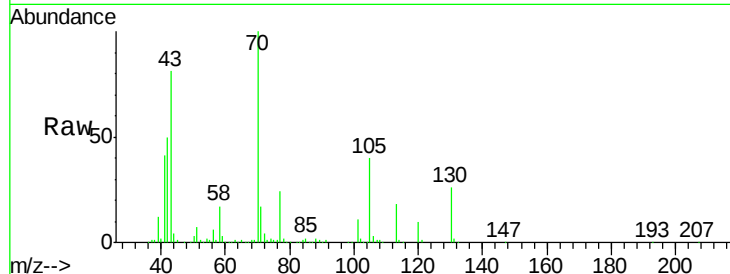
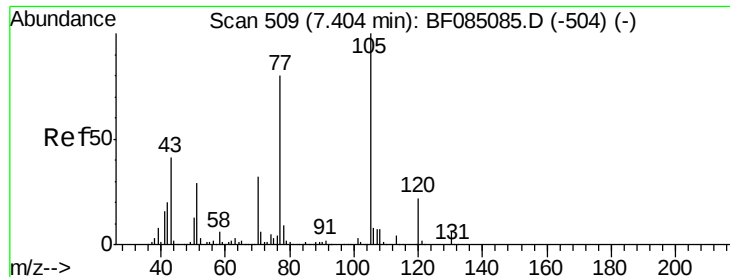
Sohil
2/19/2016 7:57:15 AM



#18
Hexachloroethane
Concen: 52.13 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	74.5	111.7	
201	76.4	80.9	121.3#	





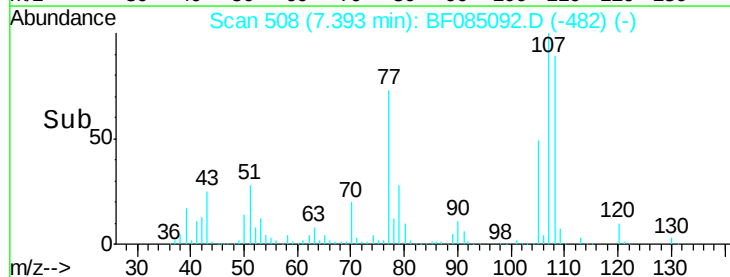
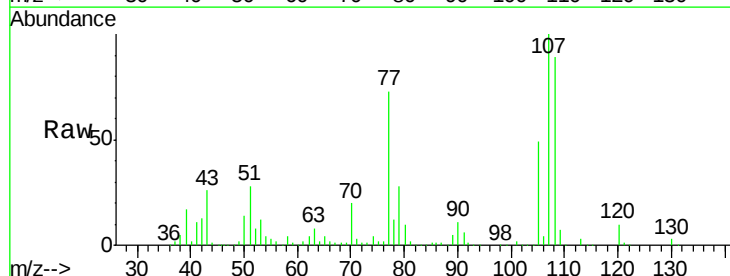
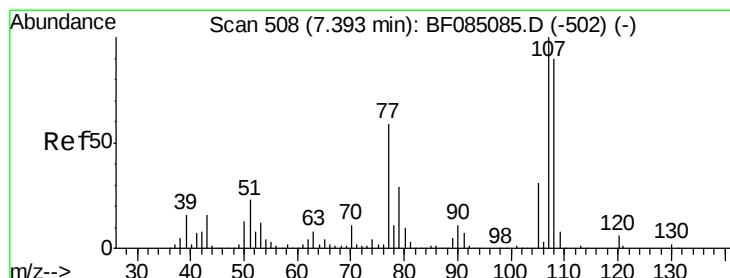
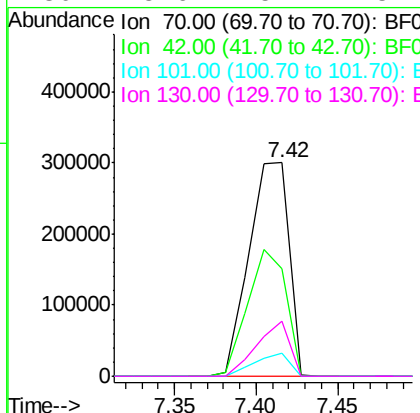
#19
n-Nitroso-di-n-propylamine
Concen: 55.25 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	55.8	83.6#
101	10.6	7.7	11.5
130	25.6	15.4	23.2#

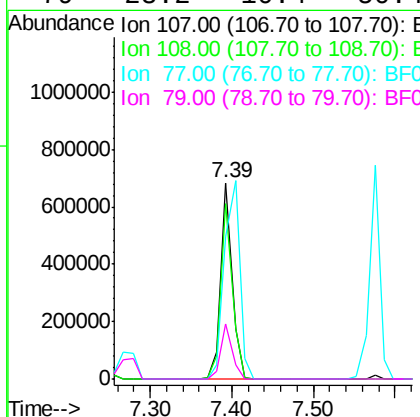
Manual Integrations
APPROVED

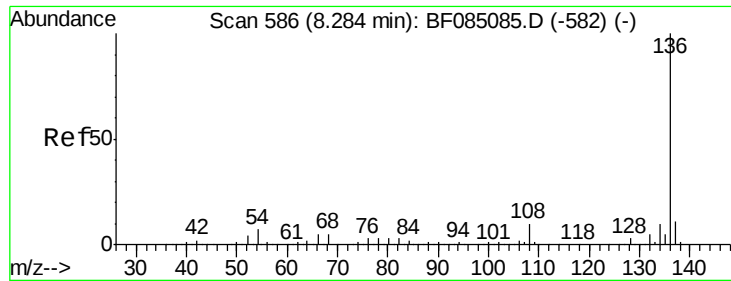
Sohil
2/19/2016 7:57:15 AM



#20
3+4-Methylphenols
Concen: 52.64 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.4	114.4
77	72.8	46.9	86.9
79	28.2	10.4	50.4





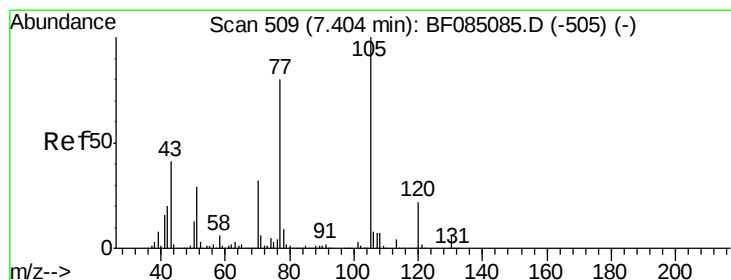
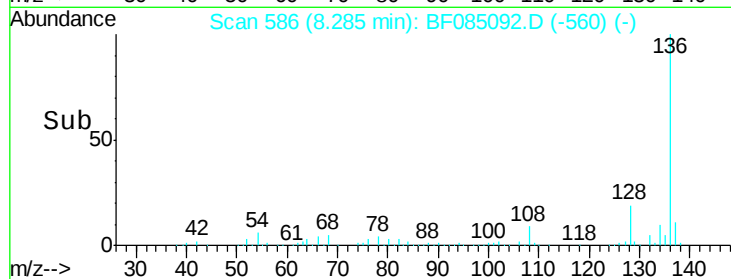
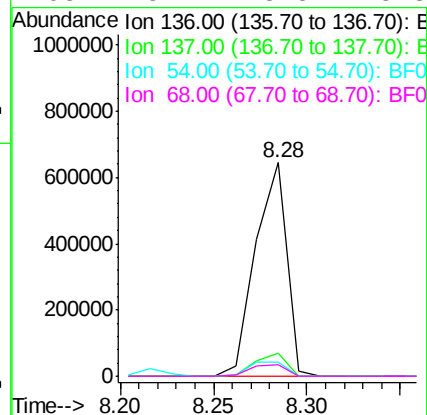
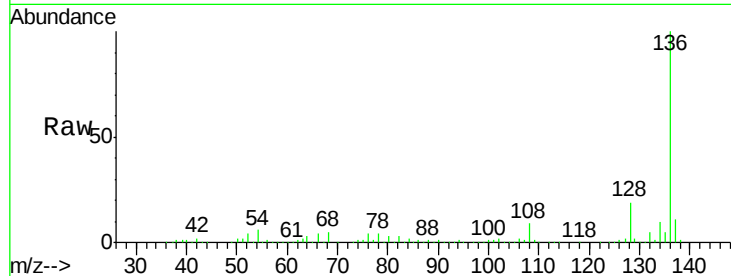
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.1	9.1
68	5.2	3.5	5.3

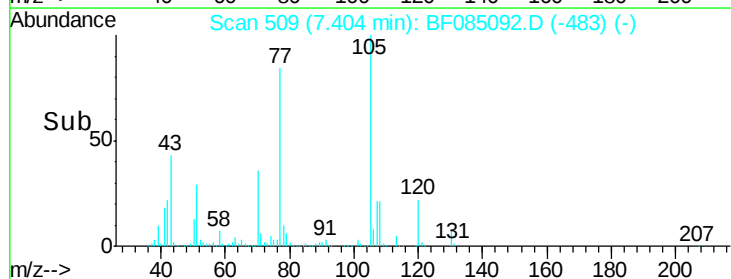
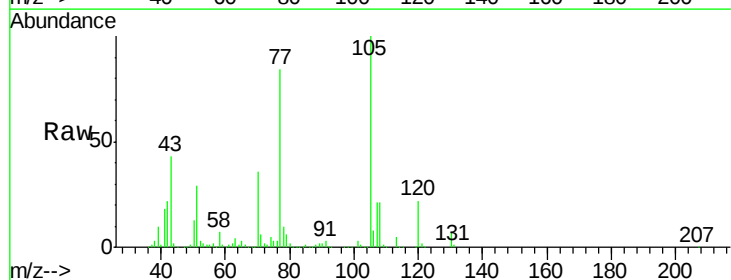
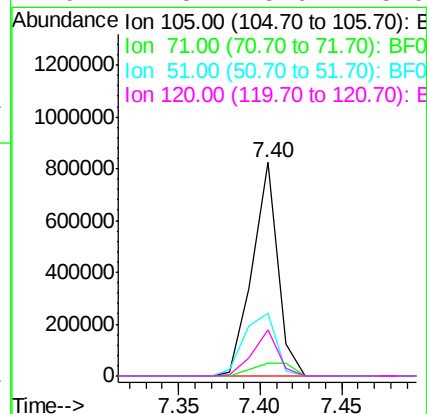
Manual Integrations
APPROVED

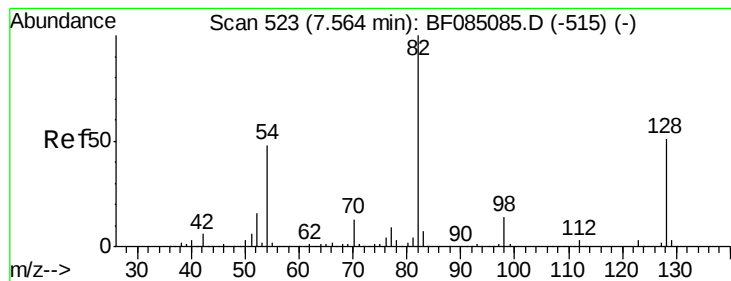
Sohil
2/19/2016 7:57:15 AM



#22
Acetophenone
Concen: 47.29 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	7.5	11.3#
51	29.4	23.1	34.7
120	21.8	15.9	23.9





#23

Nitrobenzene-d5

Concen: 113.74 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion: 82 Resp: 1403744

Ion Ratio Lower Upper

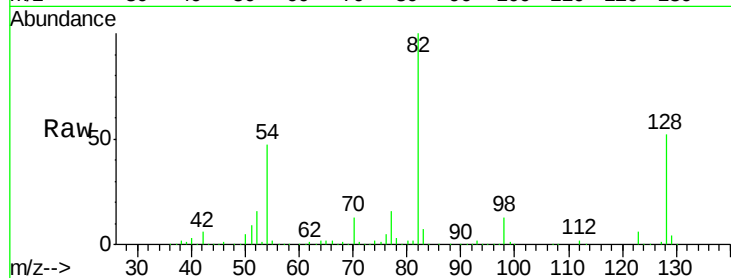
82 100

128 51.6 36.8 55.2

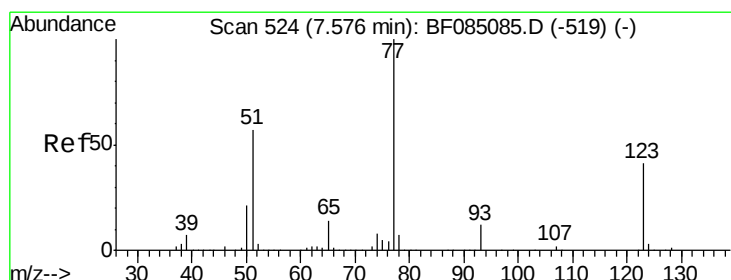
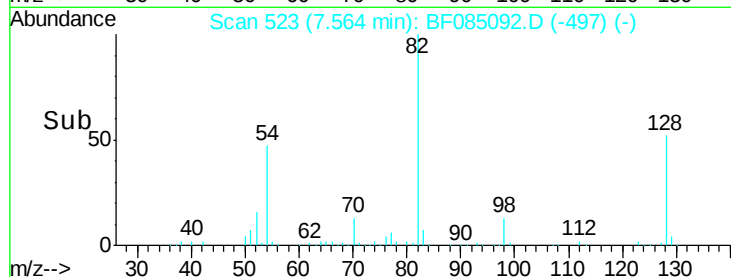
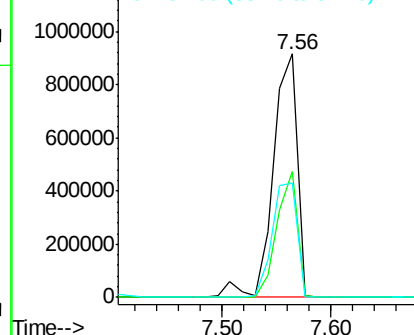
54 46.7 44.4 66.6

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 52.83 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

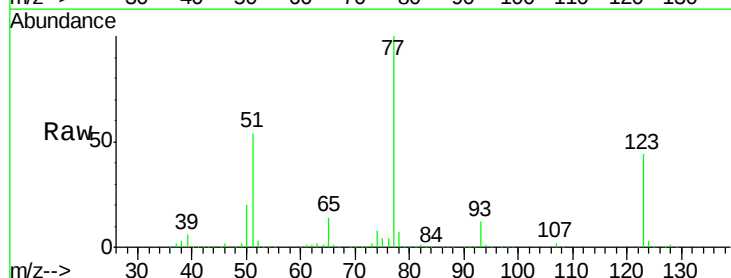
Tgt Ion: 77 Resp: 666767

Ion Ratio Lower Upper

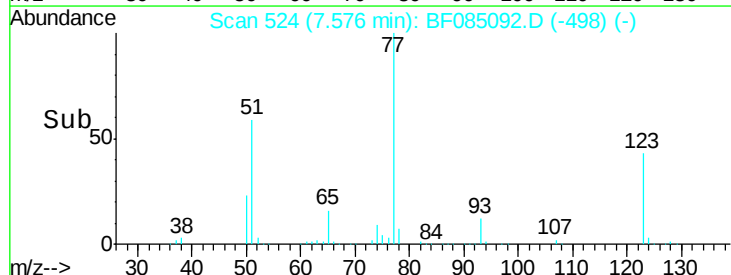
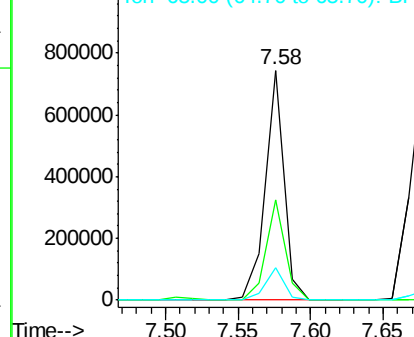
77 100

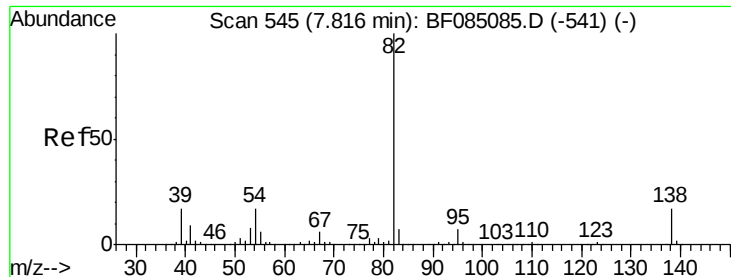
123 43.8 36.5 54.7

65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.30 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

EP005MS

Tot Ion: 82 Resp: 1297267

Ion Ratio Lower Upper

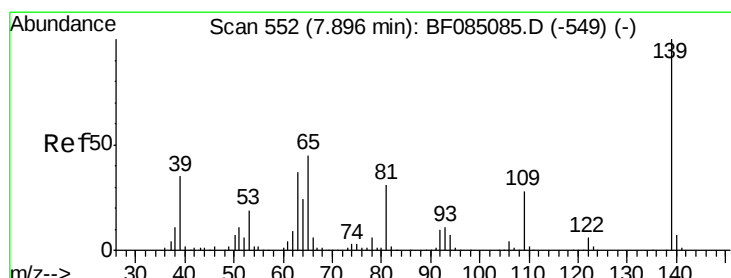
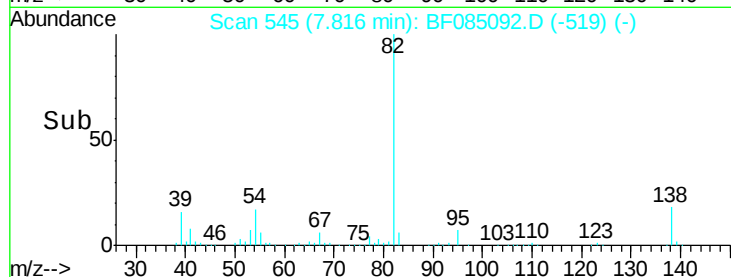
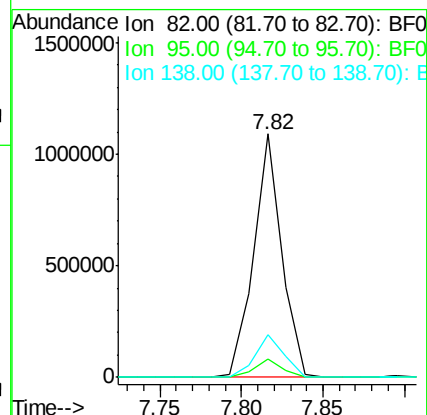
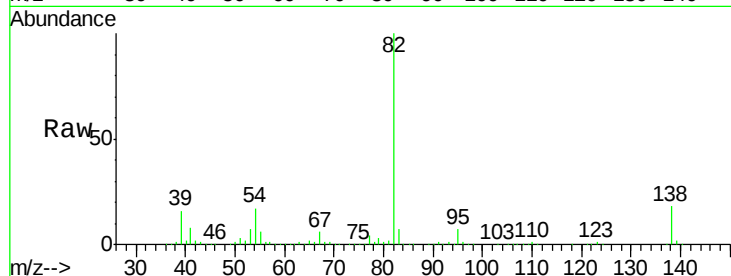
82 100

95 7.3 6.1 9.1

138 17.6 13.1 19.7

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#26

2-Nitrophenol

Concen: 60.70 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

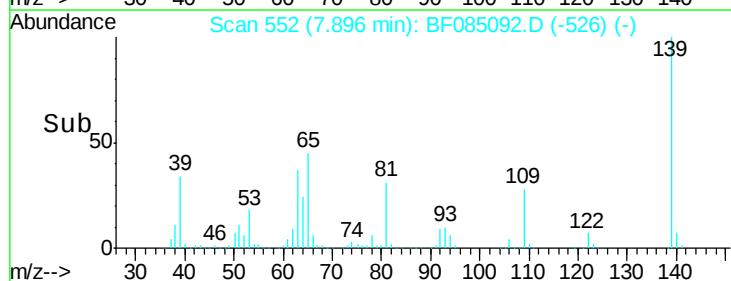
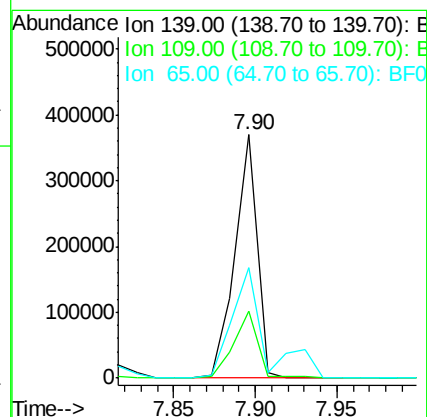
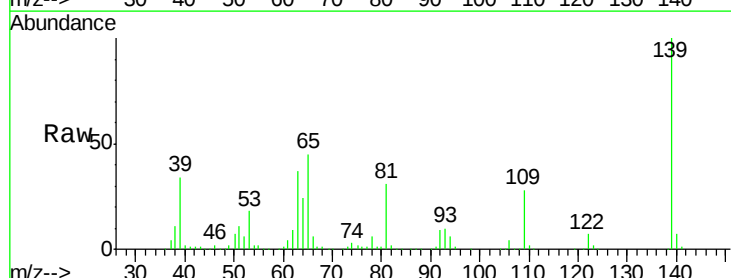
Tgt Ion: 139 Resp: 345842

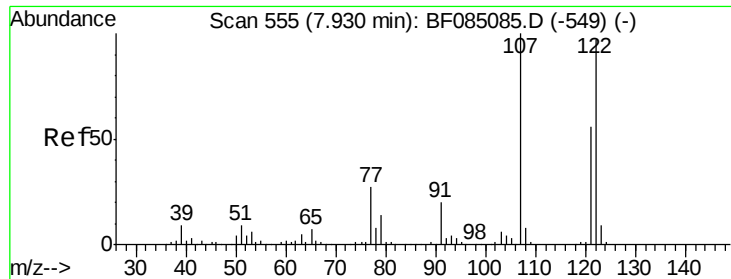
Ion Ratio Lower Upper

139 100

109 27.7 23.4 35.2

65 45.4 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 53.81 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

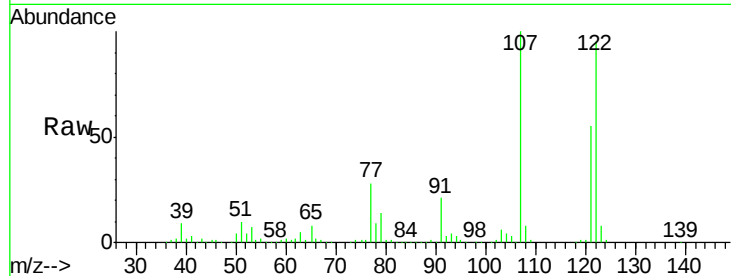
ClientSampleId :

EP005MS

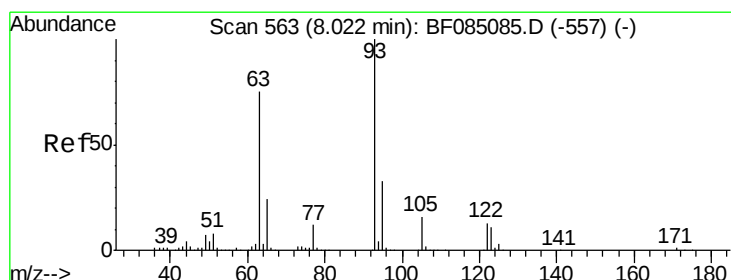
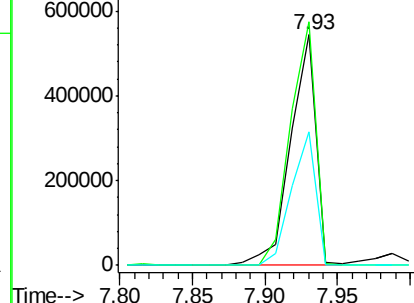
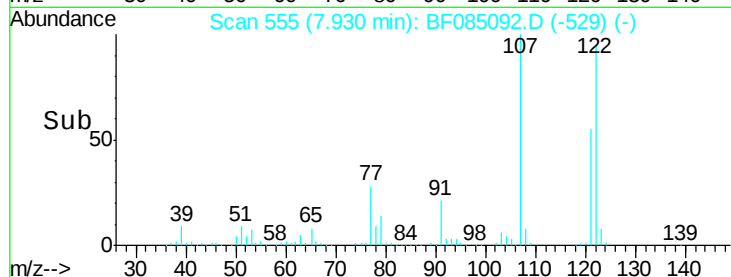
Tot Ion:	122	Resp:	659384
Ion Ratio	Lower	Upper	
122	100		
107	105.7	91.8	137.8
121	58.2	45.0	67.4

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.55 ng

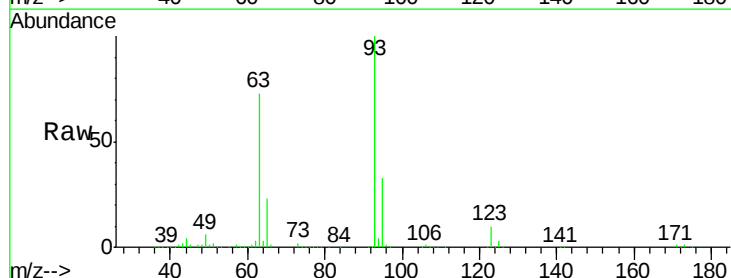
RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

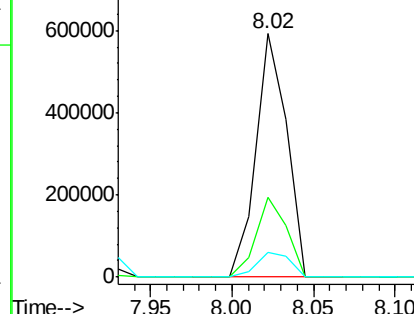
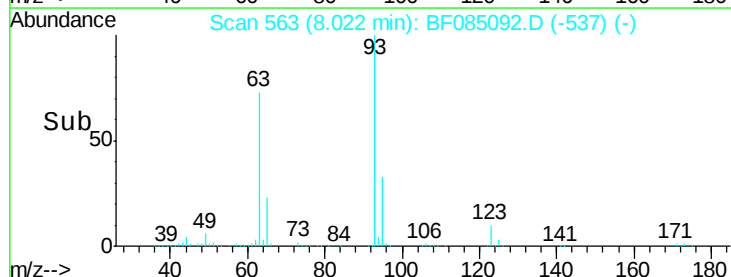
Lab File: BF085092.D

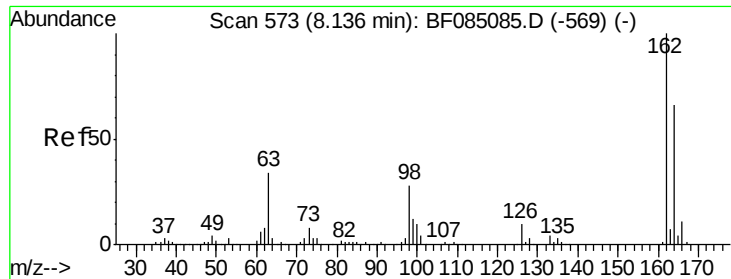
Acq: 17 Feb 2016 17:56

Tgt Ion:	93	Resp:	773112
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.6	38.4
123	10.3	8.7	13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





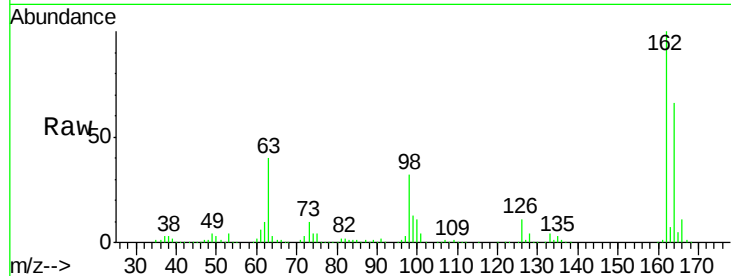
#29
 2,4-Dichlorophenol
 Concen: 57.19 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

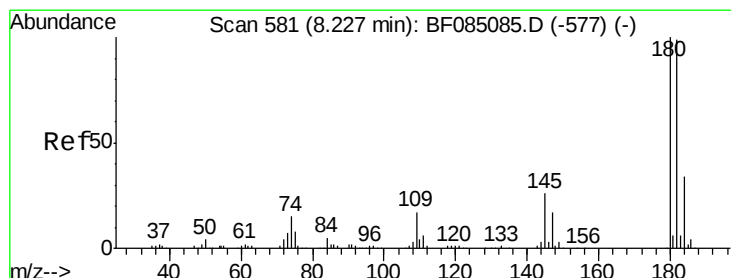
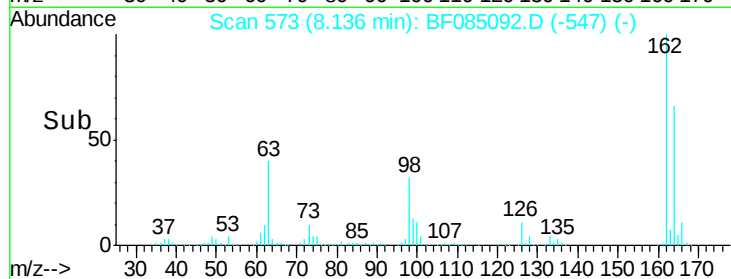
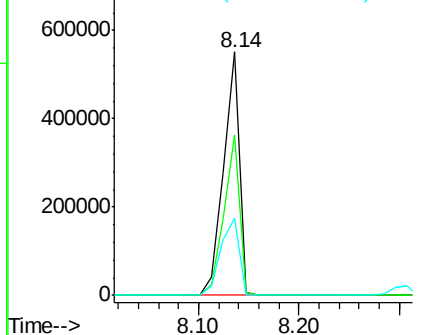
Tot Ion:	162	Resp:	603852
Ion Ratio	Lower	Upper	
162	100		
164	65.8	42.8	82.8
98	31.7	17.6	57.6

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:15 AM

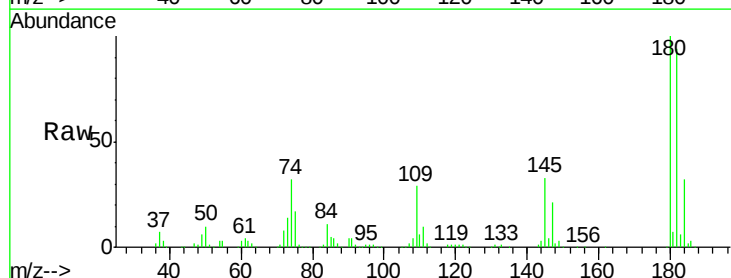


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

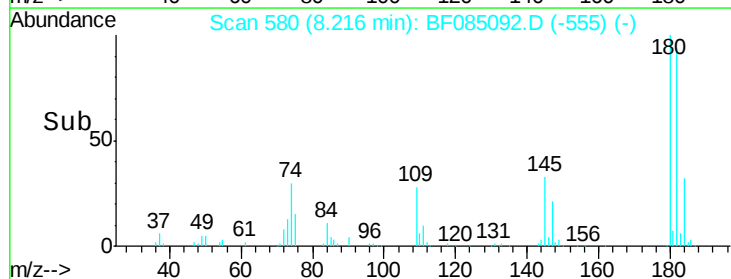
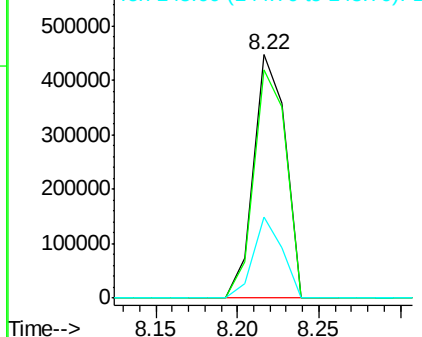


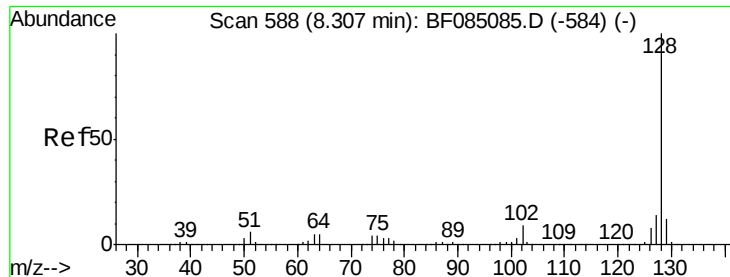
#30
 1,2,4-Trichlorobenzene
 Concen: 50.17 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:	180	Resp:	603735
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.8
145	33.2	25.9	38.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





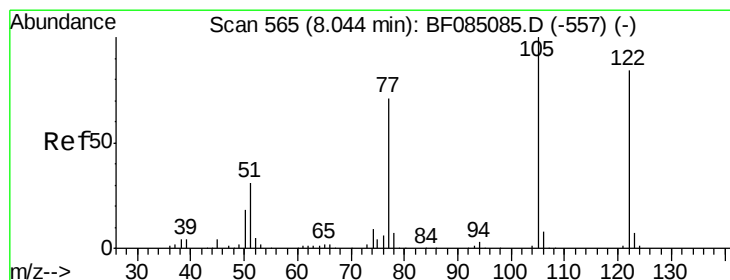
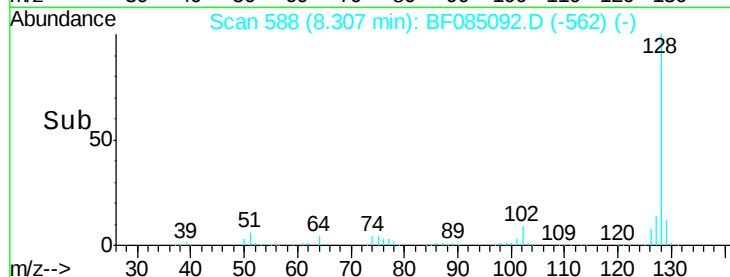
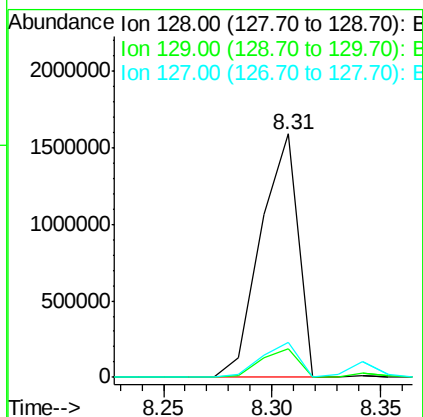
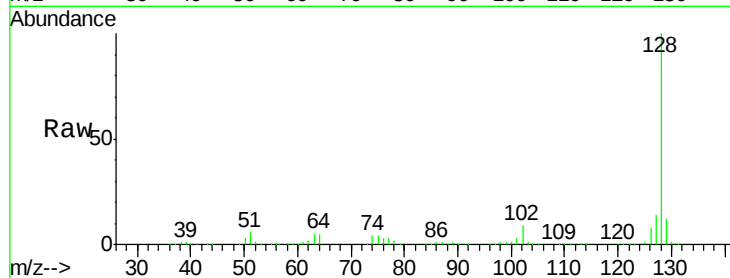
#31
Naphthalene
Concen: 52.60 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	14.3	10.3	15.5

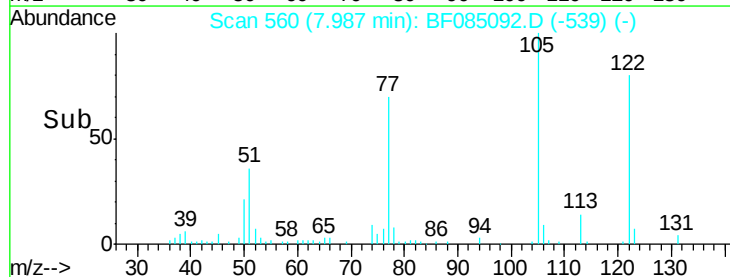
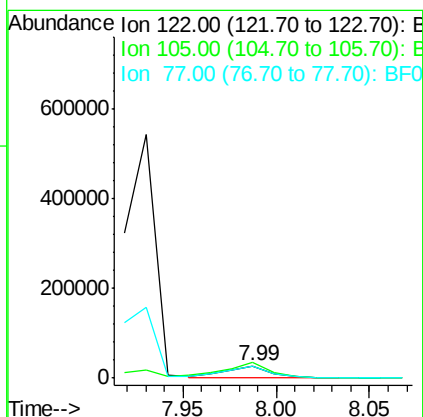
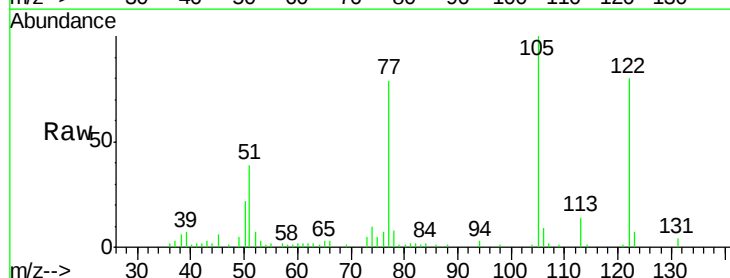
Manual Integrations
APPROVED

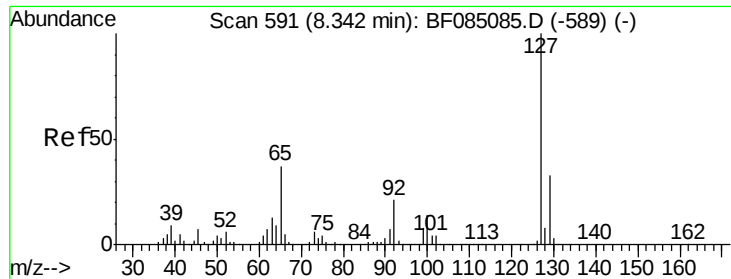
Sohil
2/19/2016 7:57:15 AM



#32
Benzoic acid
Concen: 10.63 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	101.3	141.3
77	99.4	70.0	110.0





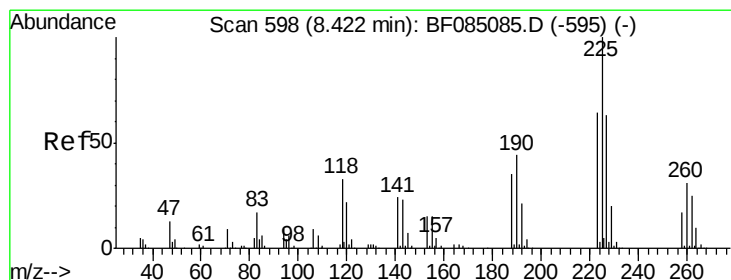
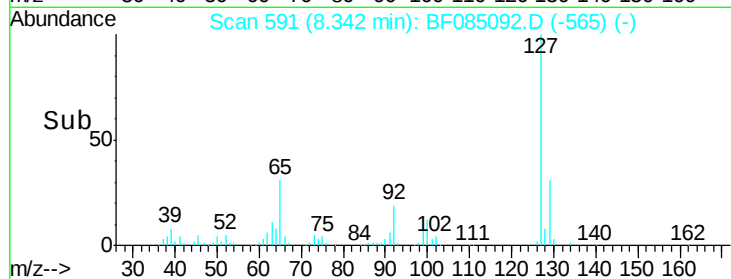
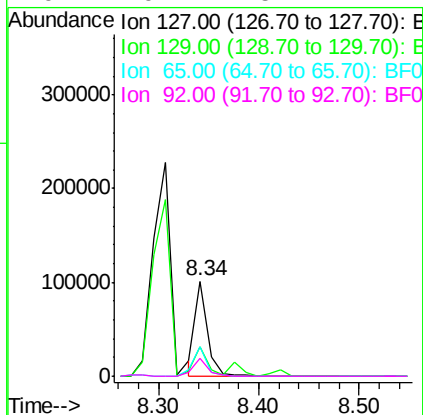
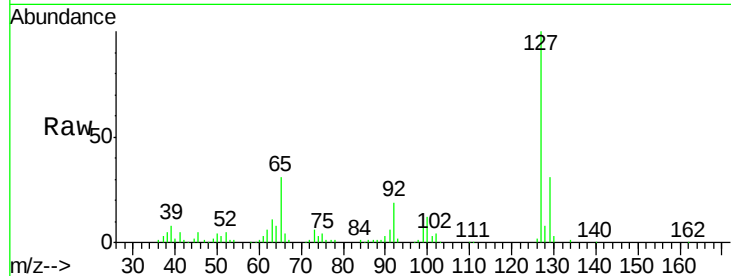
#33
4-Chloroaniline
Concen: 5.76 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.6	39.8		
65	30.9	24.7	37.1		
92	19.2	15.1	22.7		

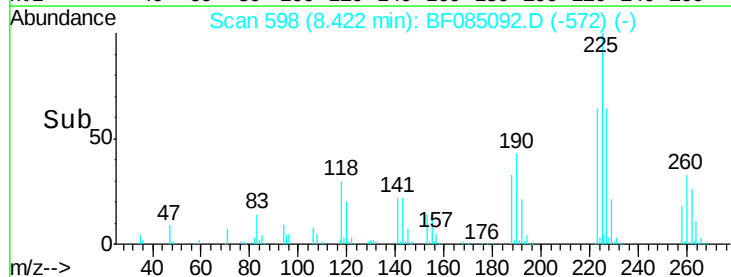
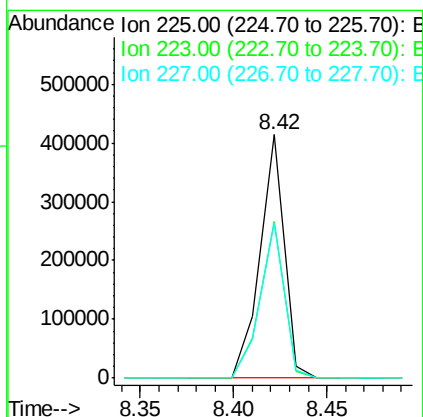
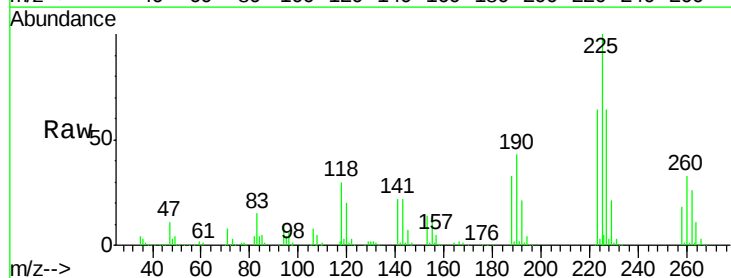
Manual Integrations
APPROVED

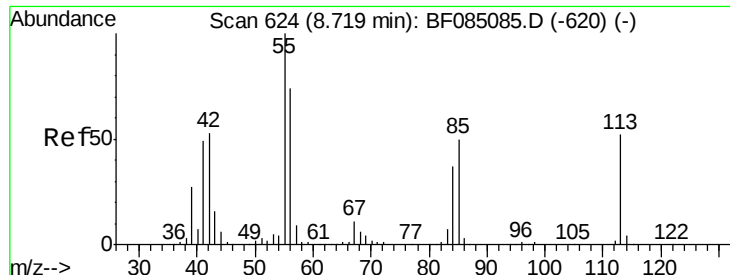
Sohil
2/19/2016 7:57:15 AM



#34
Hexachlorobutadiene
Concen: 51.04 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	48.6	73.0		
227	63.9	48.9	73.3		





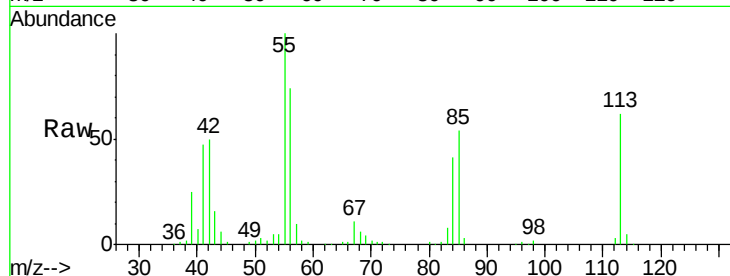
#35
Caprolactam
Concen: 56.39 ng/ml
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.3	173.1	213.1#
56	120.0	132.9	172.9#

Manual Integrations
APPROVED

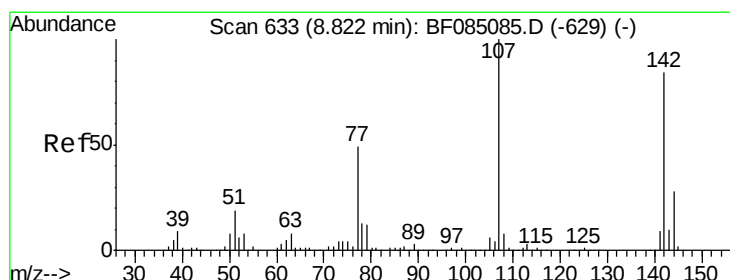
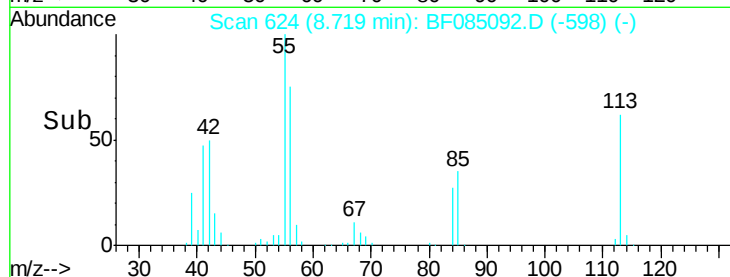
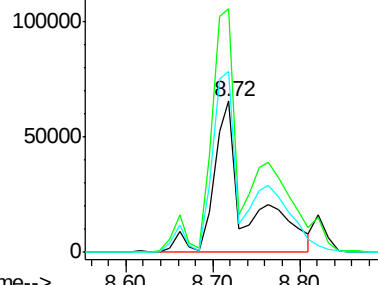
Sohil
2/19/2016 7:57:15 AM



Abundance Ion 113.00 (112.70 to 113.70): E

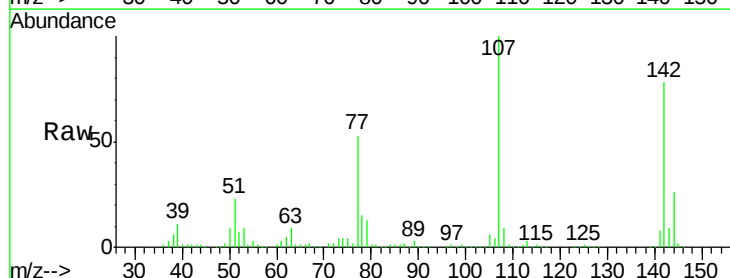
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 51.74 ng/ml
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

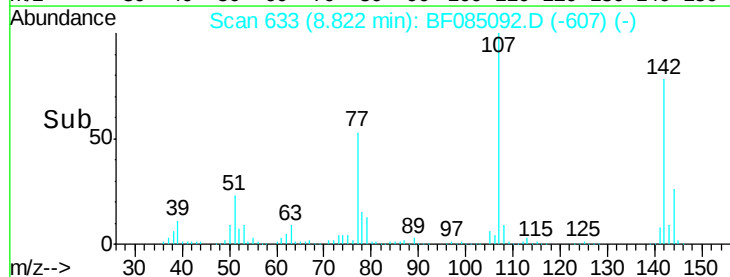
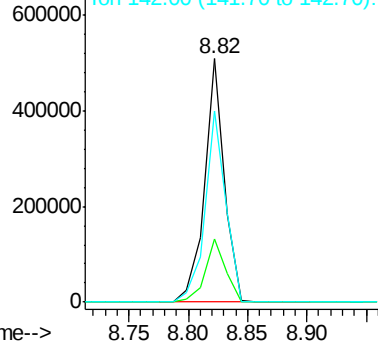
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.2	28.8
142	78.4	60.6	91.0

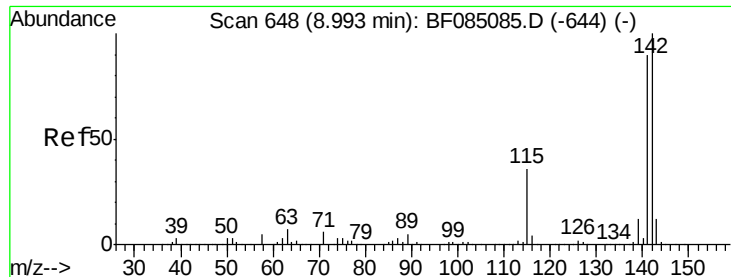


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





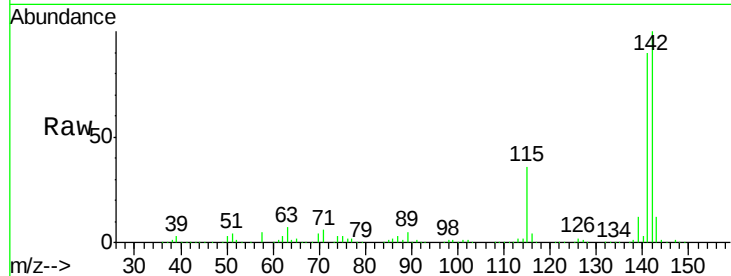
#37
2-Methylnaphthalene
Concen: 53.04 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

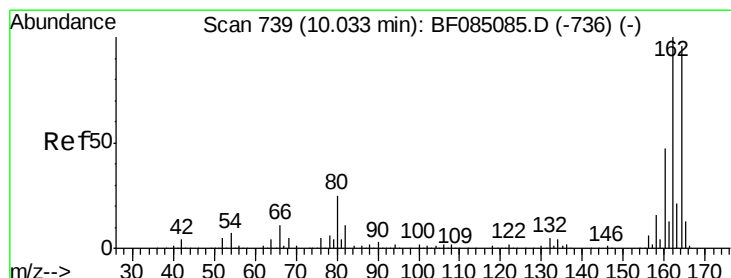
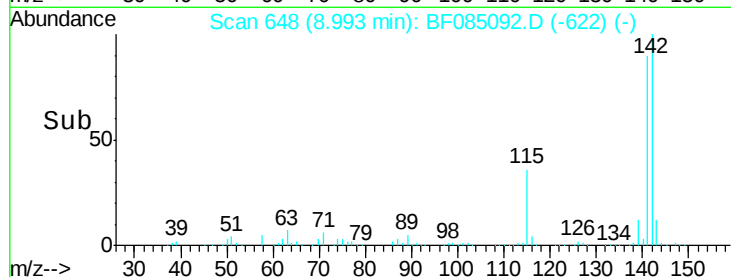
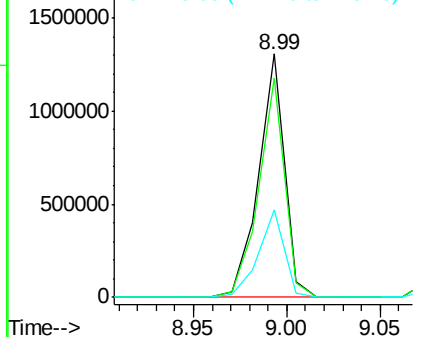
Tot Ion:142 Resp: 1253626
Ion Ratio Lower Upper
142 100
141 89.9 69.6 104.4
115 36.1 27.9 41.9

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM

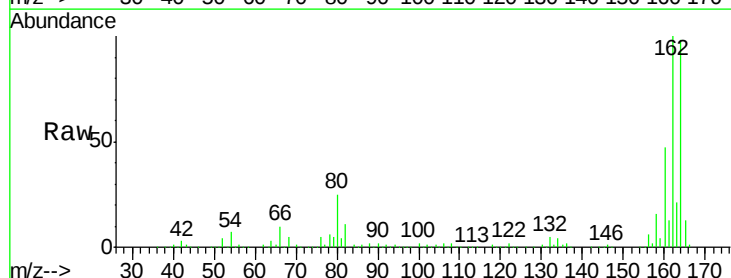


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

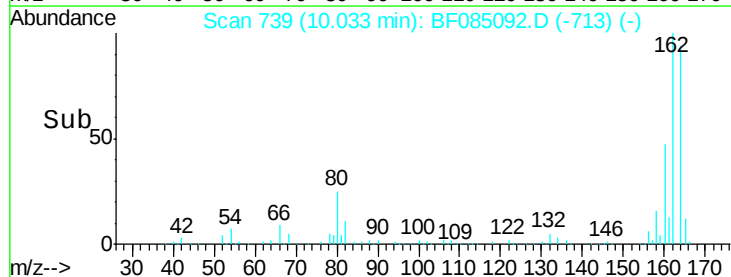
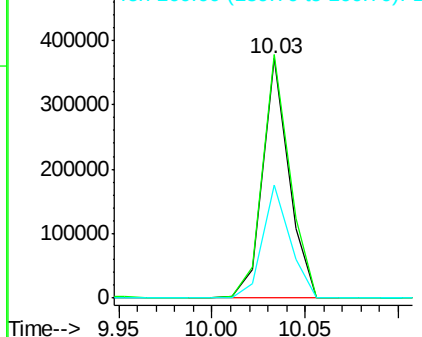


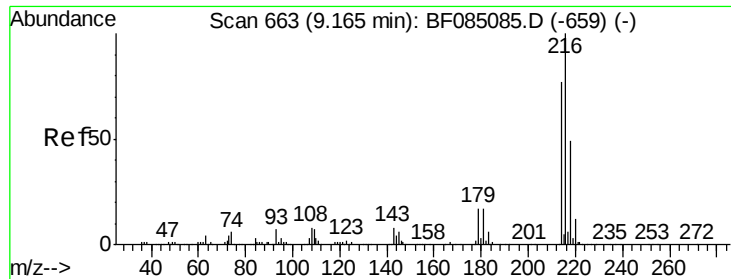
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:164 Resp: 361909
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 47.3 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.08 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

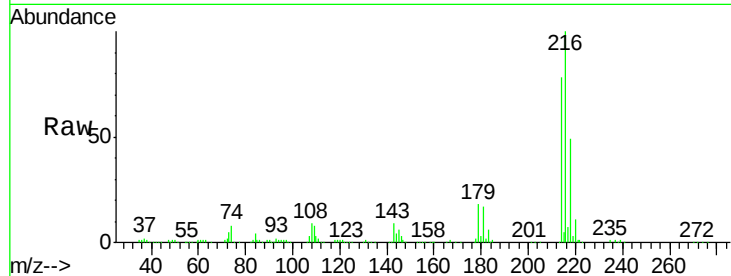
ClientSampleId :

EP005MS

Tot Ion:	216	Resp:	604429
Ion Ratio		Lower	Upper
216	100		
214	78.7	62.2	93.2
179	20.5	18.1	27.1
108	19.2	15.7	23.5

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM

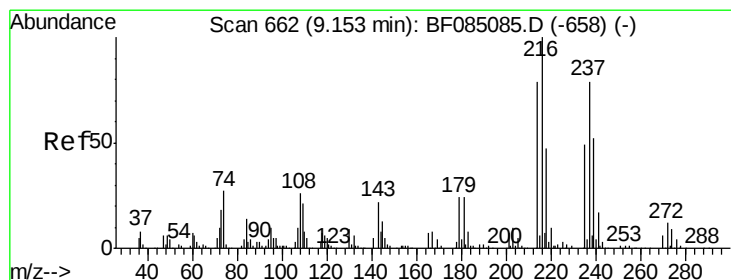
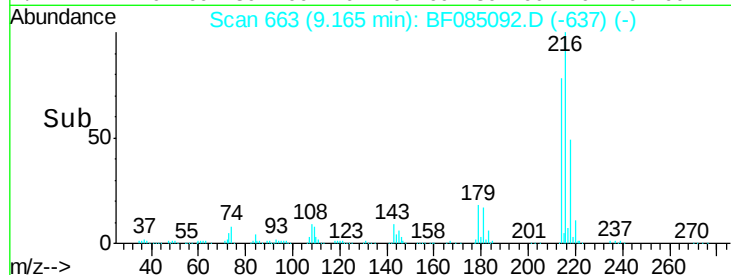
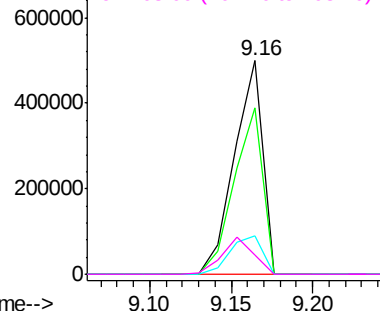


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 106.40 ng

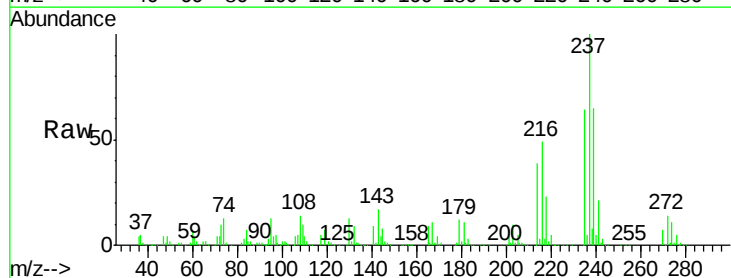
RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

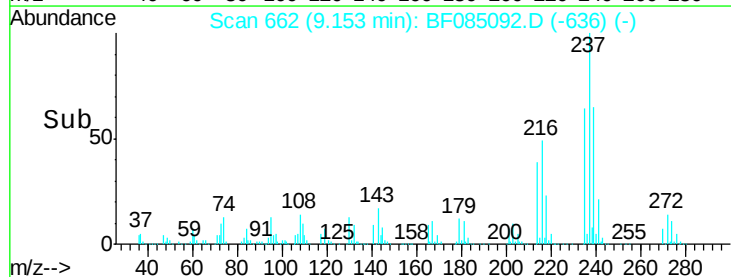
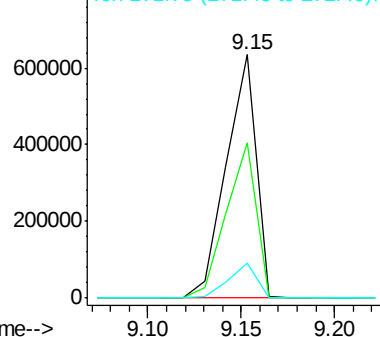
Tgt Ion:	237	Resp:	702576
Ion Ratio		Lower	Upper
237	100		
235	63.9	44.8	84.8
272	14.2	0.0	31.8

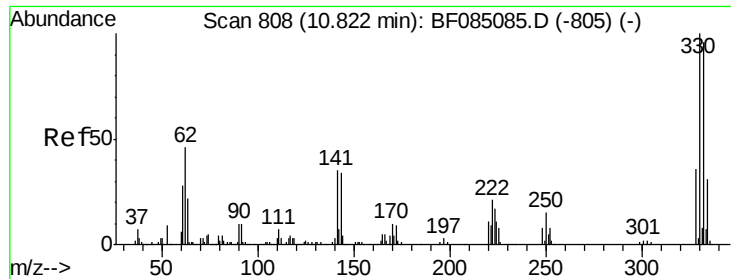


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





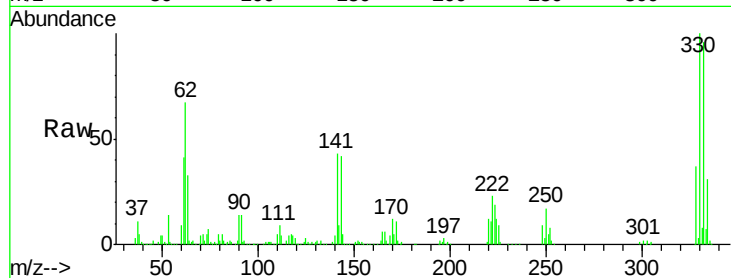
#41
 2,4,6-Tribromophenol
 Concen: 157.53 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	605243		
332	96.9		78.5	117.7
141	29.2		28.6	42.8

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:15 AM

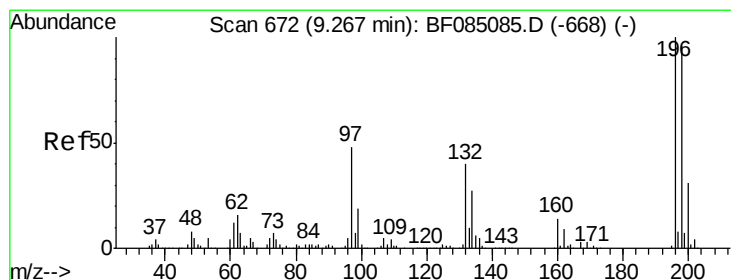
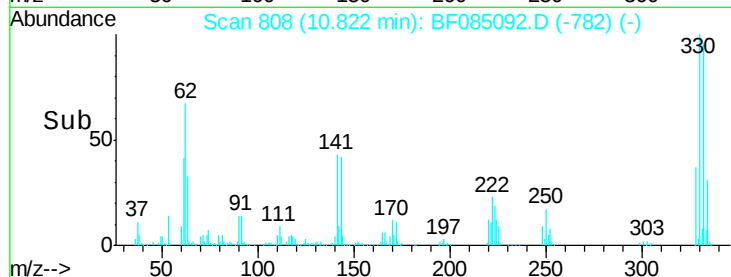
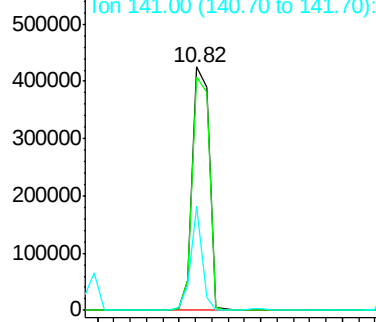


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 60.24 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

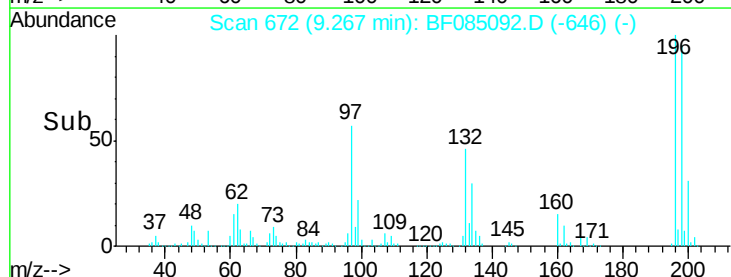
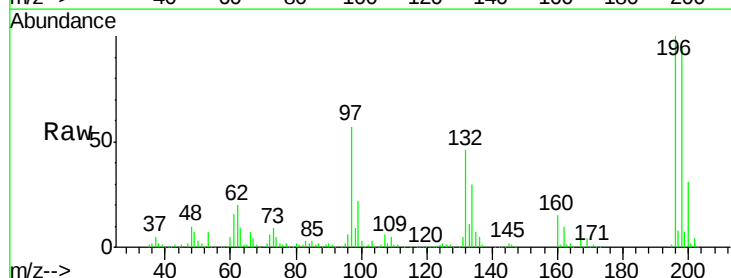
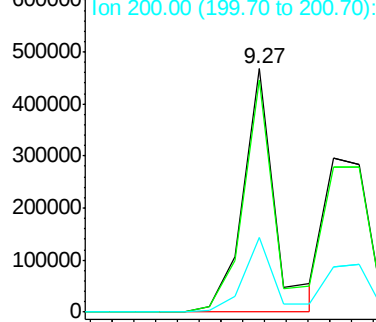
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471220		
198	95.2		81.0	121.6
200	30.7		26.3	39.5

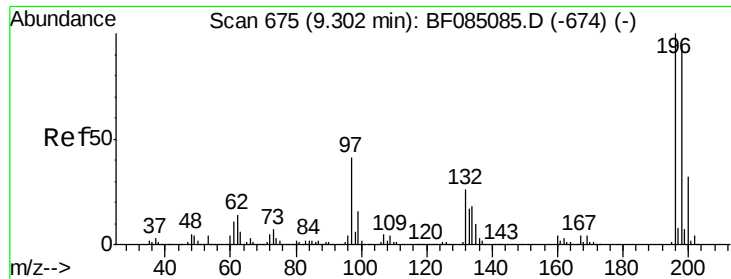
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





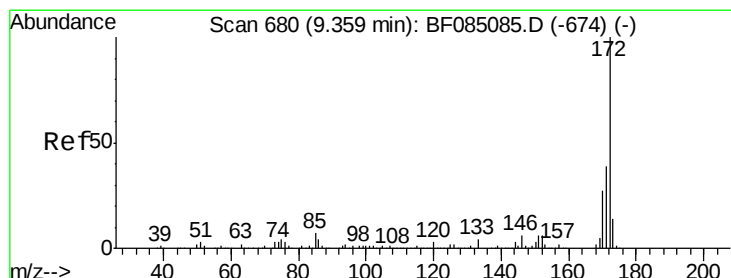
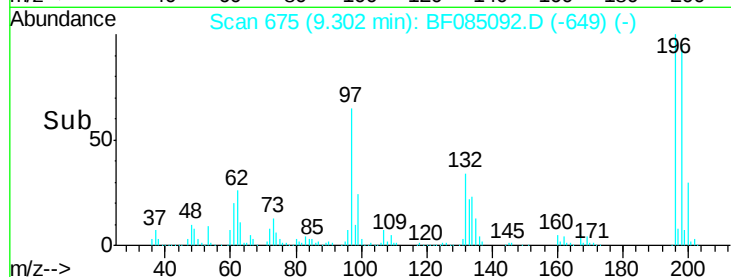
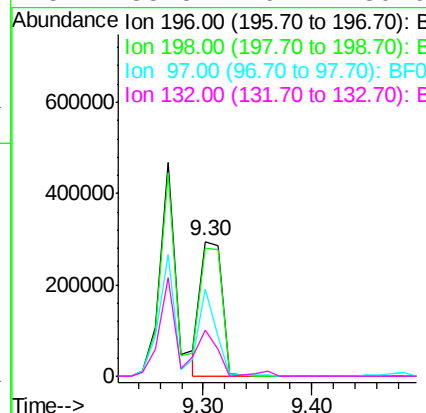
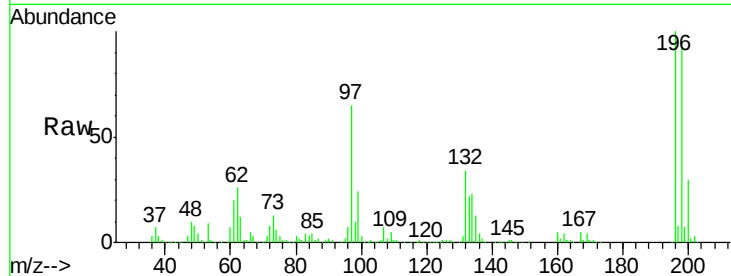
#43
 2,4,5-Trichlorophenol
 Concen: 52.62 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

Tot Ion:	196	Resp:	405564
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.7	119.5
97	64.6	47.0	70.4
132	33.8	26.4	39.6

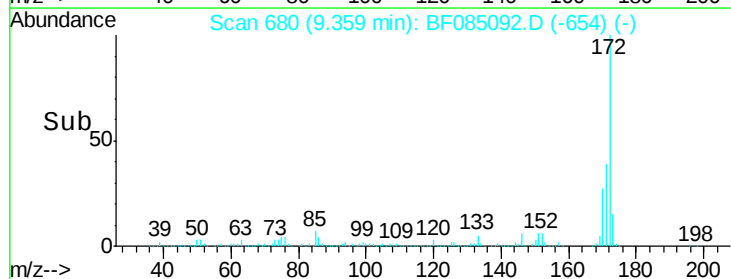
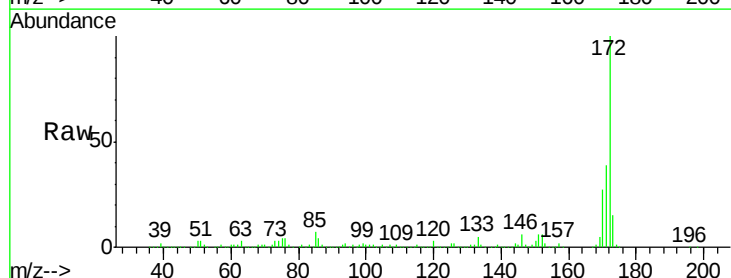
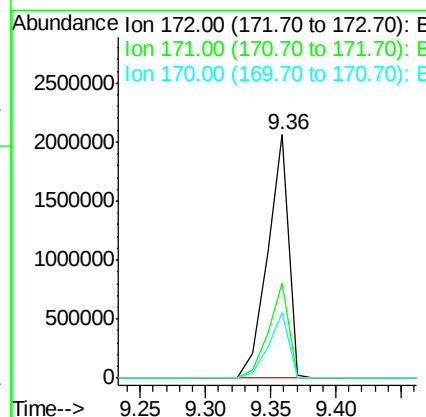
Manual Integrations
 APPROVED

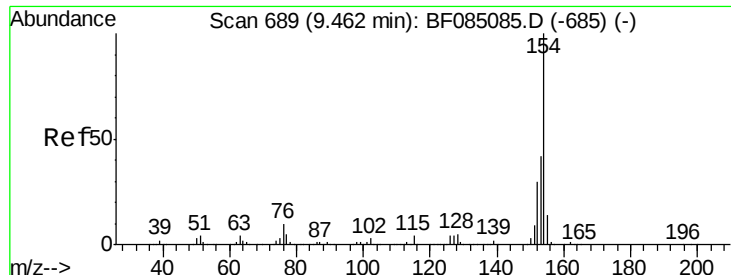
Sohil
 2/19/2016 7:57:15 AM



#44
 2-Fluorobiphenyl
 Concen: 94.30 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:	172	Resp:	2309484
Ion Ratio	Lower	Upper	
172	100		
171	38.9	29.1	43.7
170	27.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 51.58 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:154 Resp: 1596851

Ion Ratio Lower Upper

154 100

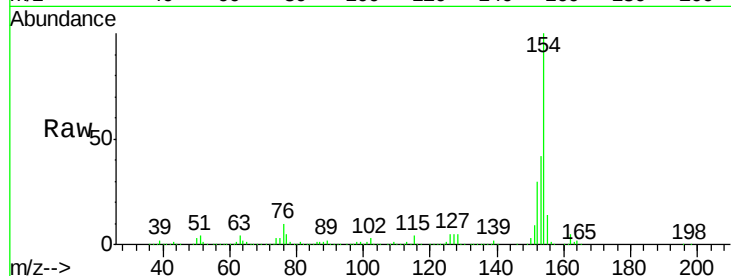
153 41.6 19.9 59.9

76 9.7 0.0 31.6

Manual Integrations
APPROVED

Sohil

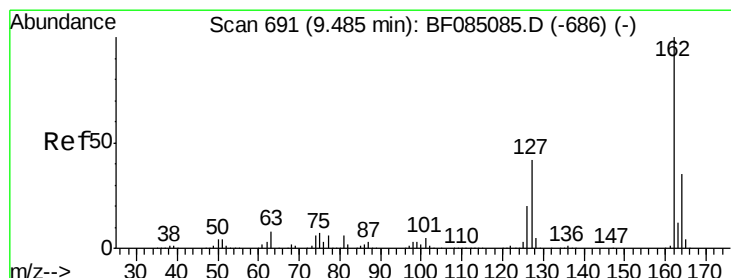
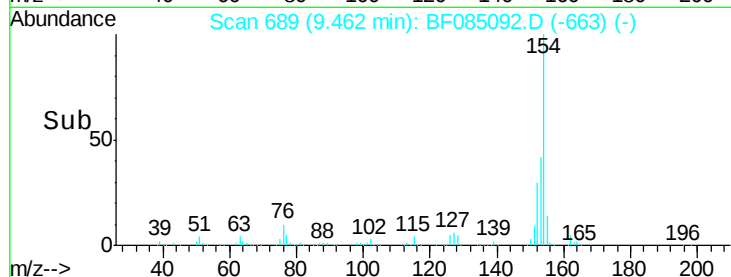
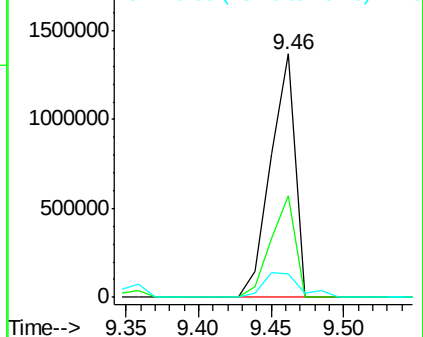
2/19/2016 7:57:15 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.52 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

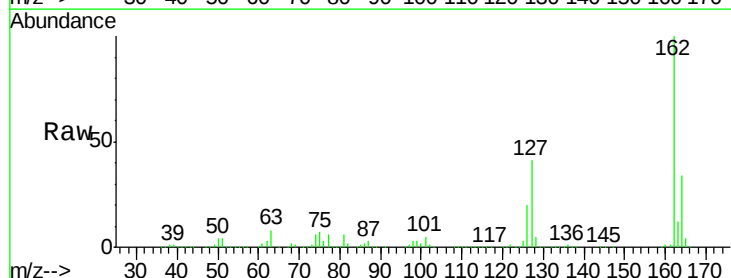
Tgt Ion:162 Resp: 1219089

Ion Ratio Lower Upper

162 100

127 40.9 34.8 52.2

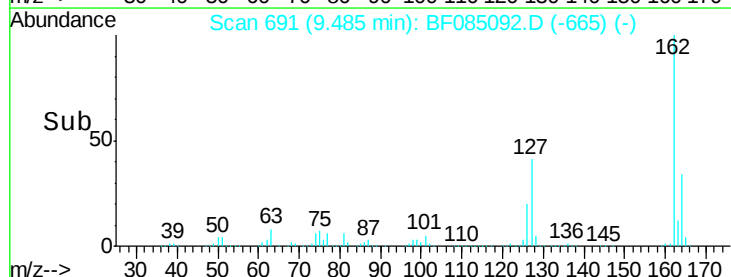
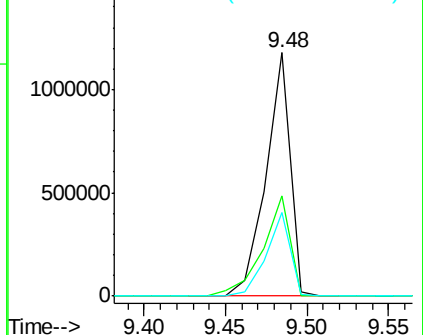
164 34.4 25.8 38.6

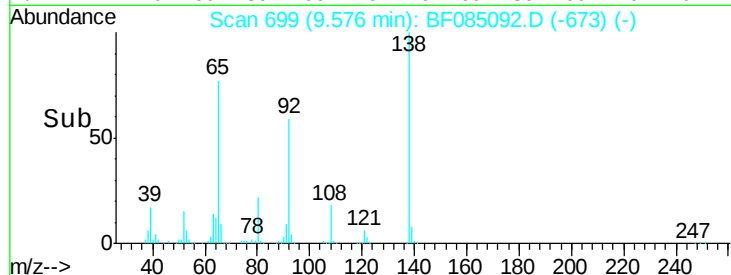
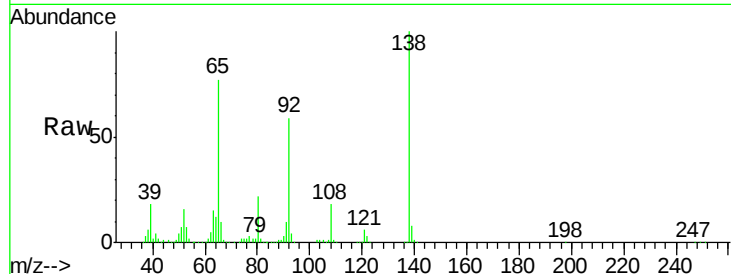
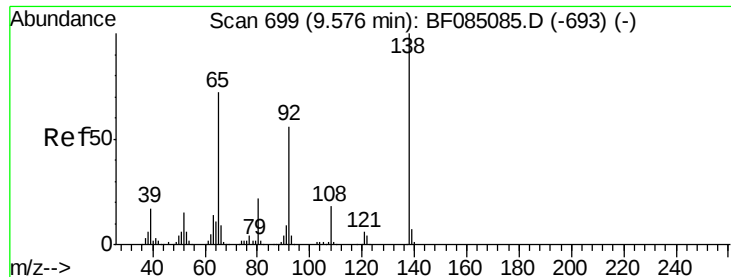


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





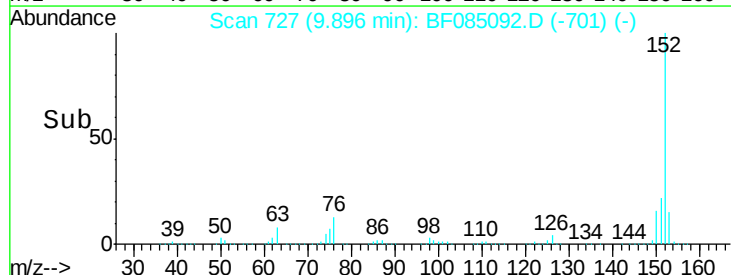
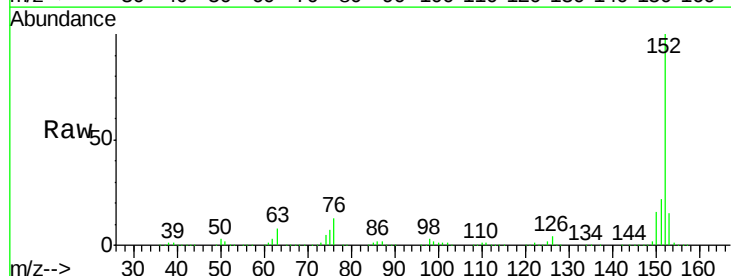
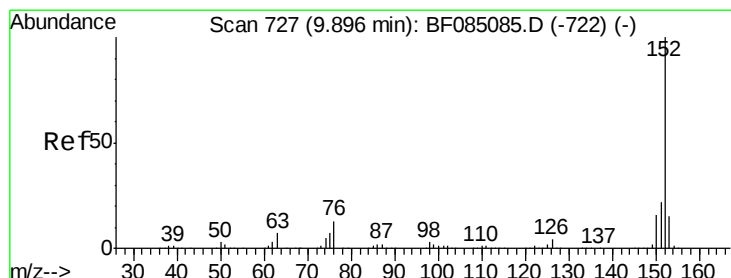
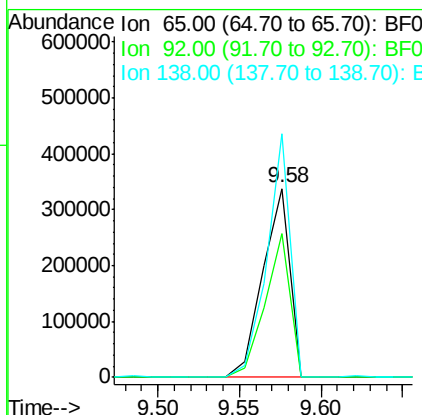
#47
2-Nitroaniline
Concen: 54.61 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.3	57.1	85.7	
138	129.1	86.8	130.2	

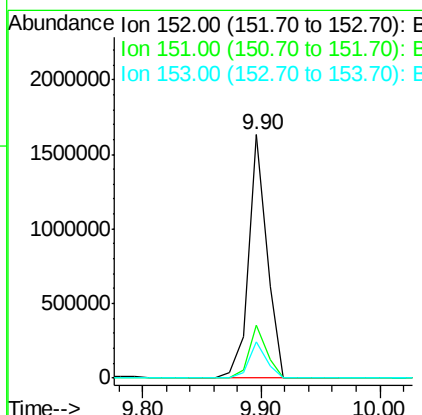
Manual Integrations
APPROVED

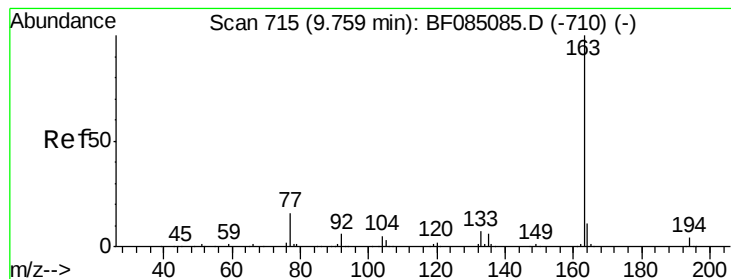
Sohil
2/19/2016 7:57:15 AM



#48
Acenaphthylene
Concen: 47.69 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.6	16.0	24.0	
153	14.7	11.1	16.7	





#49

Dimethylphthalate

Concen: 65.32 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:163 Resp: 1735188

Ion Ratio Lower Upper

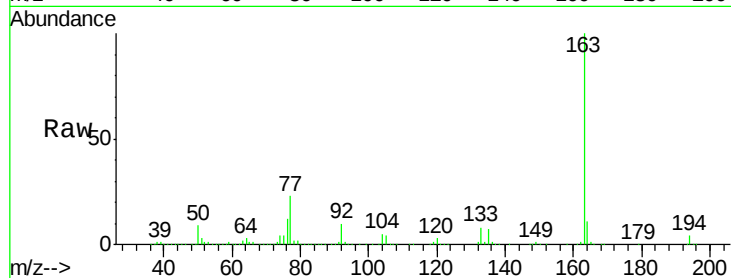
163 100

194 3.9 2.5 3.7#

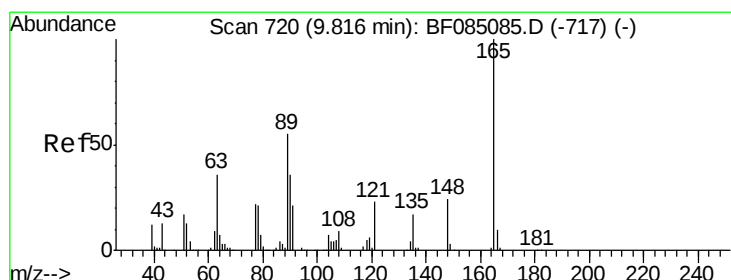
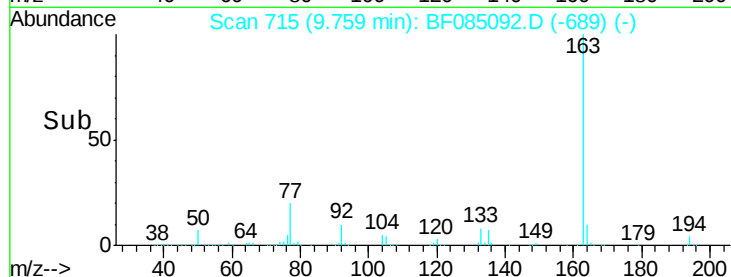
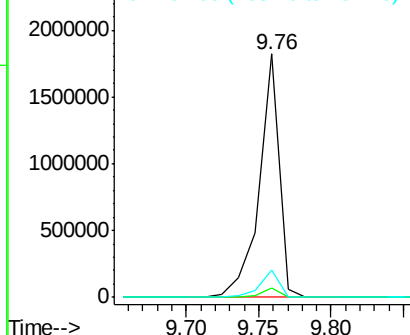
164 11.3 7.8 11.8

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



Abundance Ion 163.00 (162.70 to 163.70): E
2500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 55.50 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

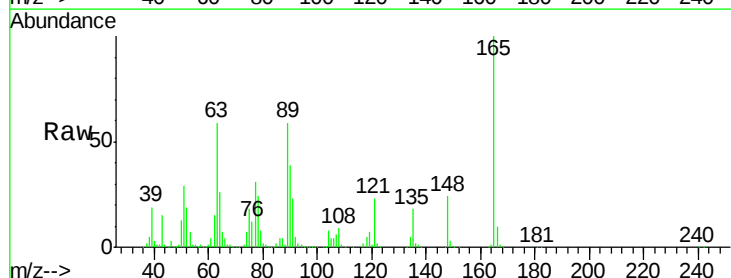
Tgt Ion:165 Resp: 310429

Ion Ratio Lower Upper

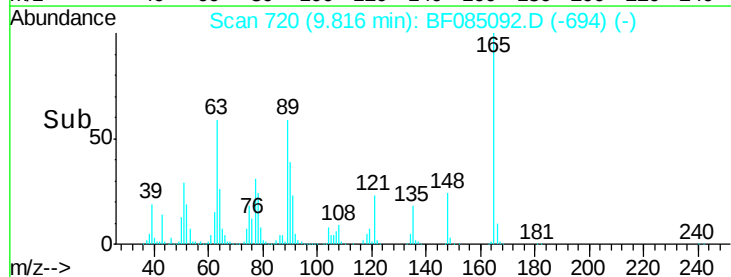
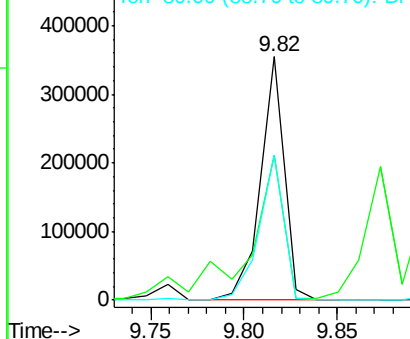
165 100

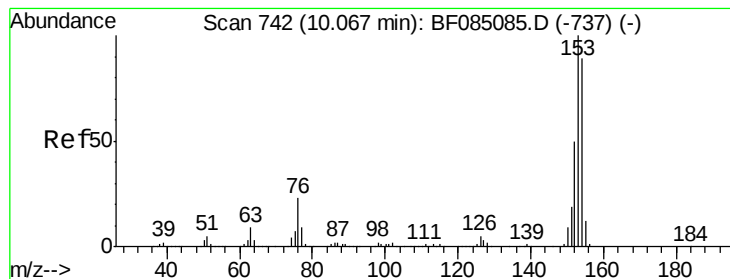
63 59.4 47.5 71.3

89 59.4 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.02 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:154 Resp: 1135469

Ion Ratio Lower Upper

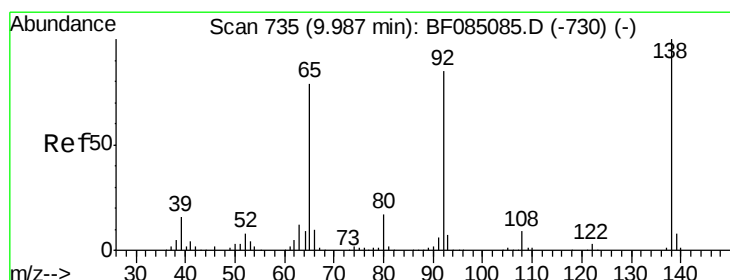
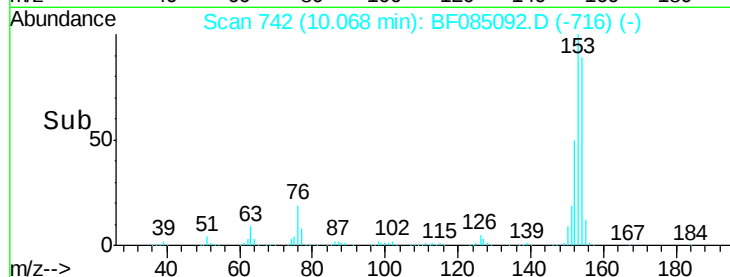
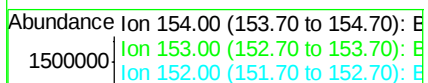
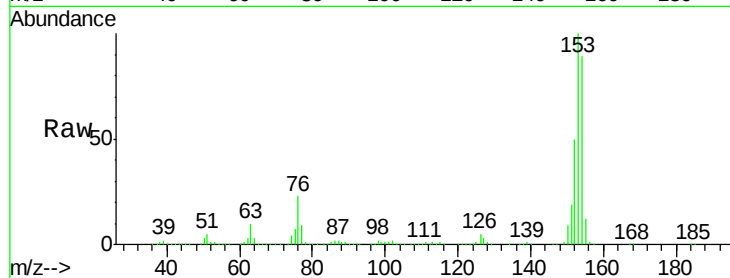
154 100

153 112.6 89.5 134.3

152 56.2 40.7 61.1

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#52

3-Nitroaniline

Concen: 16.64 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

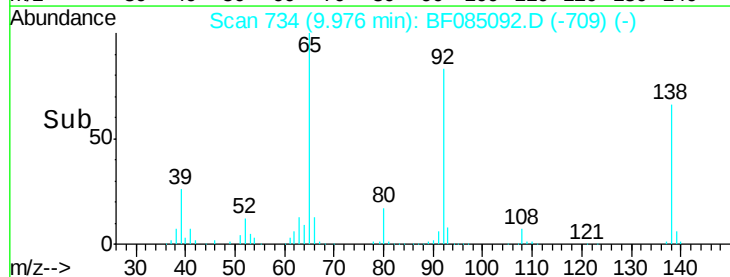
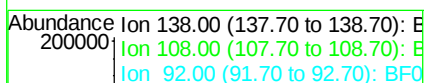
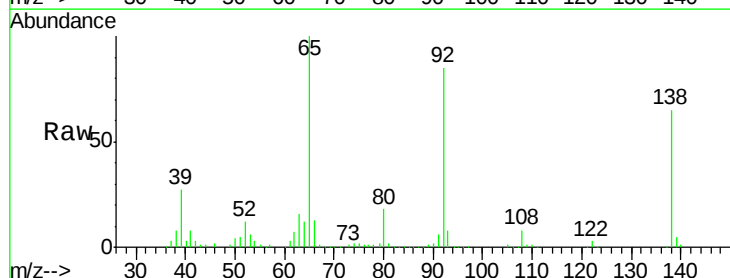
Tgt Ion:138 Resp: 105405

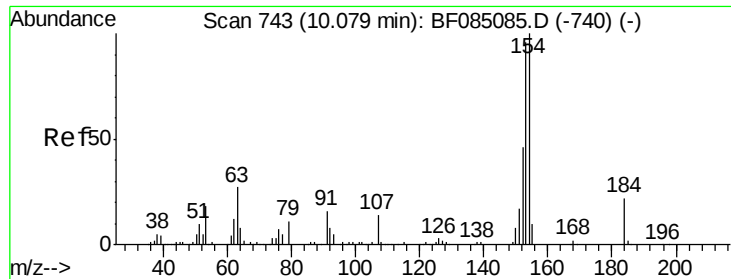
Ion Ratio Lower Upper

138 100

108 12.2 9.1 13.7

92 130.1 88.9 133.3





#53

2,4-Dinitrophenol

Concen: 64.05 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

EP005MS

Tot Ion:184 Resp: 166739
Ion Ratio Lower Upper

184 100

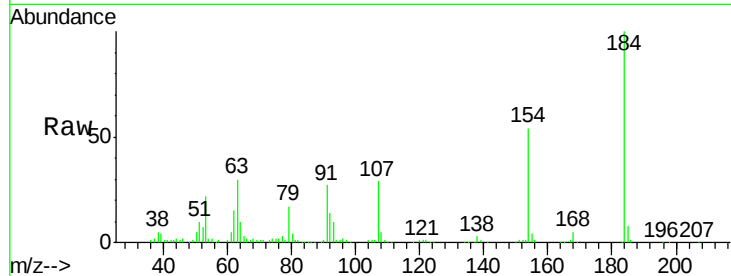
63 30.4 60.6 90.8#

154 54.0 70.2 105.2#

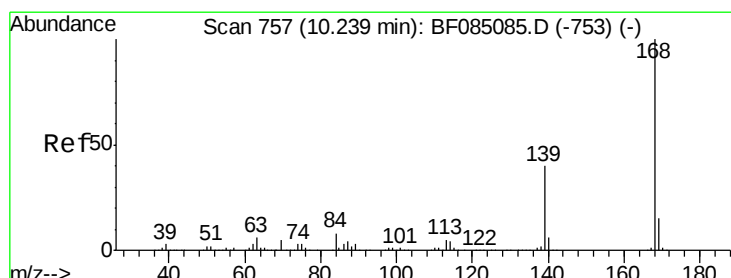
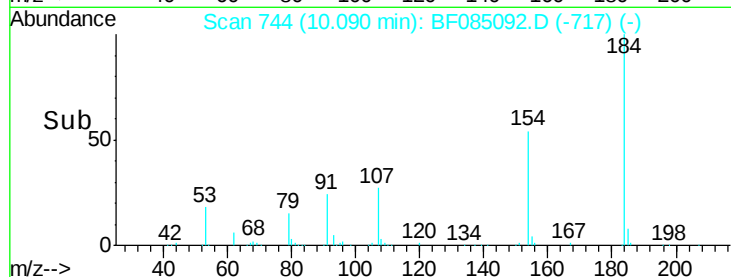
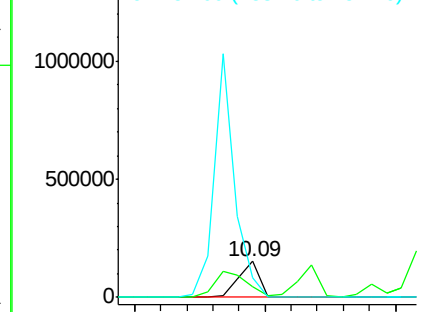
Manual Integrations
APPROVED

Sohil

2/19/2016 7:57:15 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.90 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

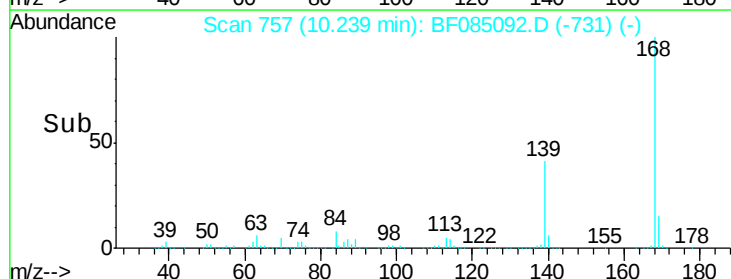
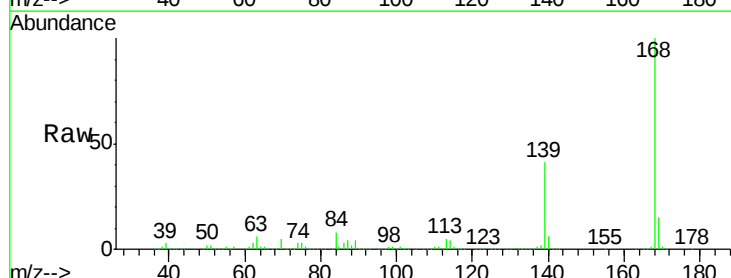
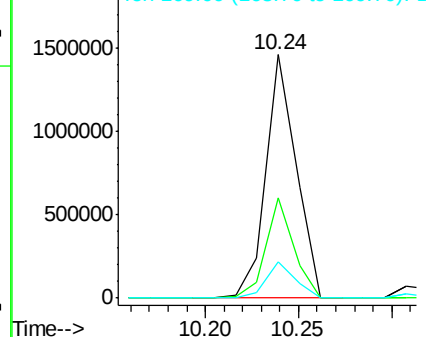
Tgt Ion:168 Resp: 1634159
Ion Ratio Lower Upper

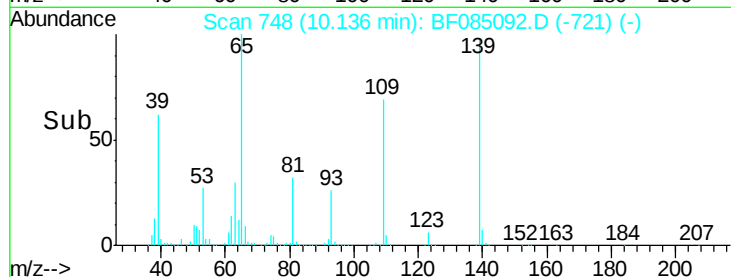
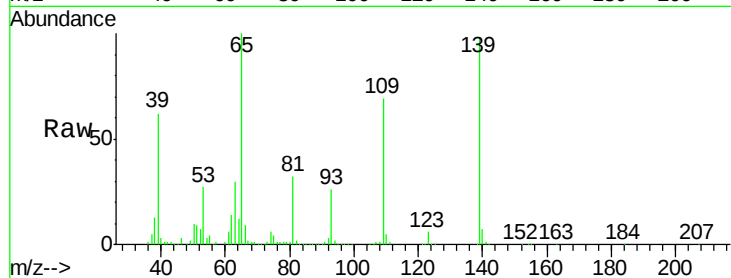
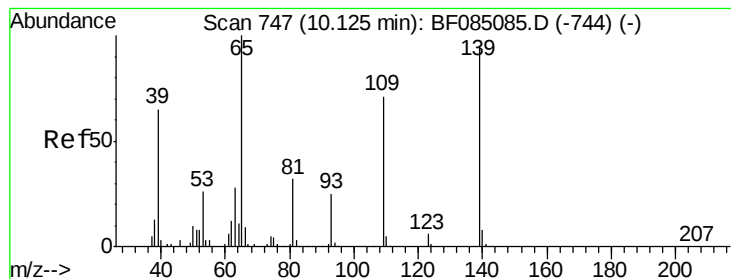
168 100

139 41.0 33.0 49.4

169 14.9 10.9 16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 97.11 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF085092.D

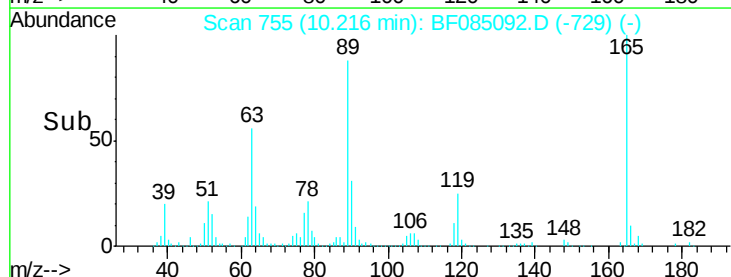
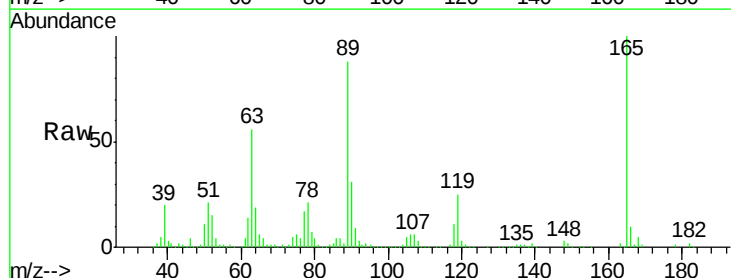
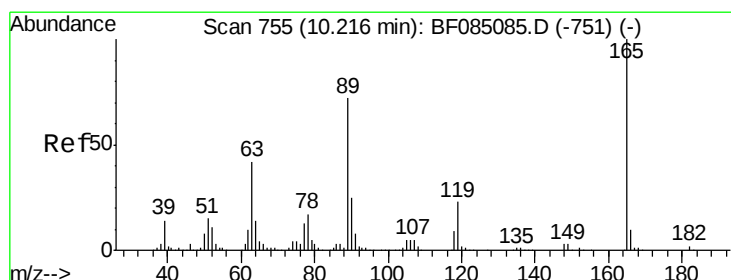
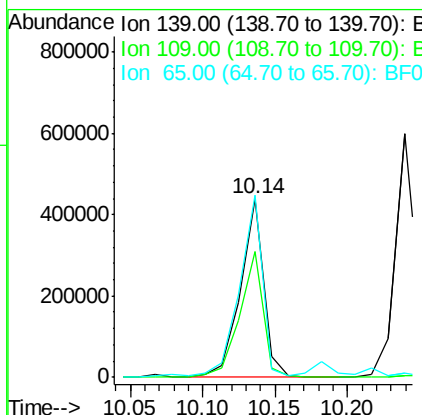
Acq: 17 Feb 2016 17:56

Tot Ion:	139	Resp:	487638
Ion Ratio	Lower	Upper	
139	100		
109	70.7	48.7	88.7
65	102.3	78.8	118.8

Instrument :
BNA_F
ClientSampleId :
EP005MS

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#56

2,4-Dinitrotoluene

Concen: 53.68 ng

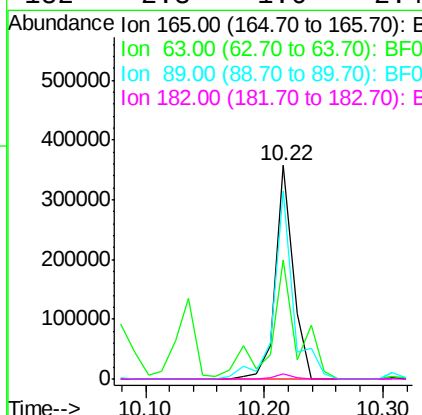
RT: 10.22 min Scan# 755

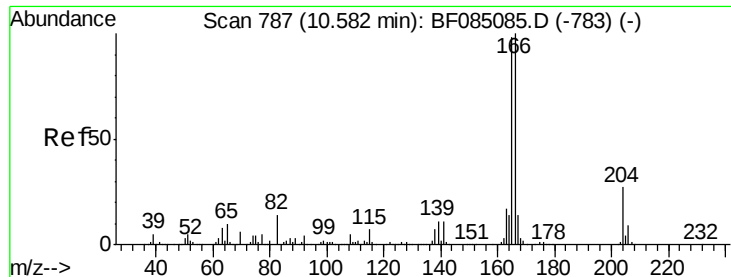
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	165	Resp:	369969
Ion Ratio	Lower	Upper	
165	100		
63	55.8	36.6	55.0#
89	87.8	54.4	81.6#
182	2.3	1.6	2.4





#57

Fluorene

Concen: 47.79 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

EP005MS

Tot Ion:166 Resp: 1193797

Ion Ratio Lower Upper

166 100

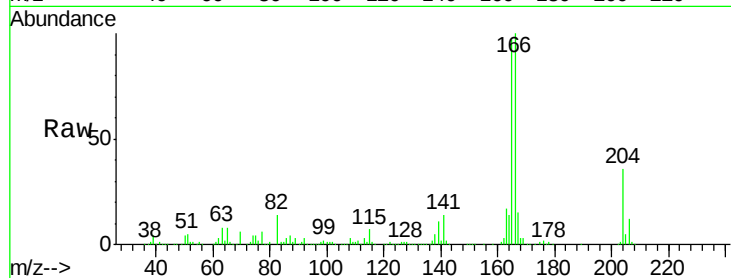
165 96.8 78.9 118.3

167 14.7 10.9 16.3

Manual Integrations
APPROVED

Sohil

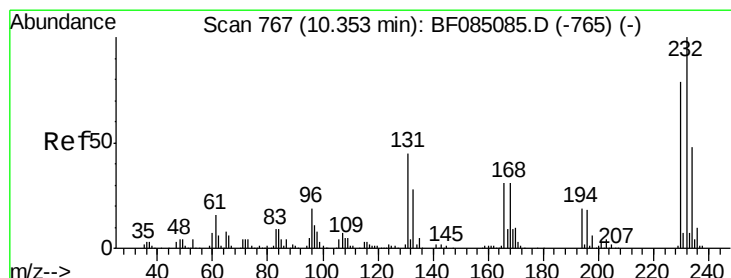
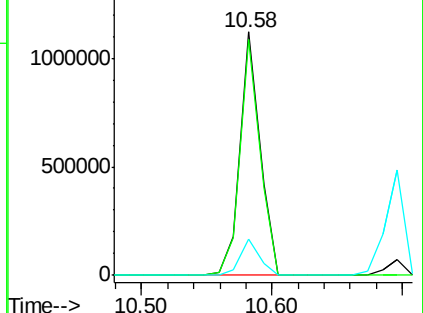
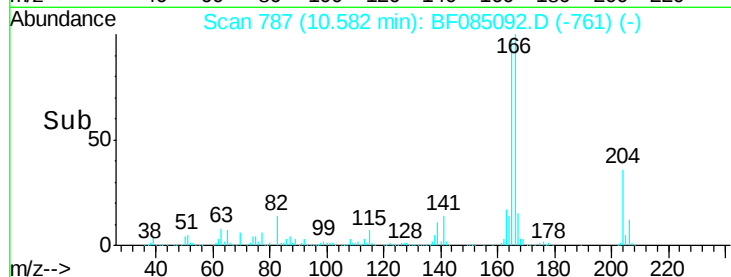
2/19/2016 7:57:15 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.97 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:232 Resp: 377232

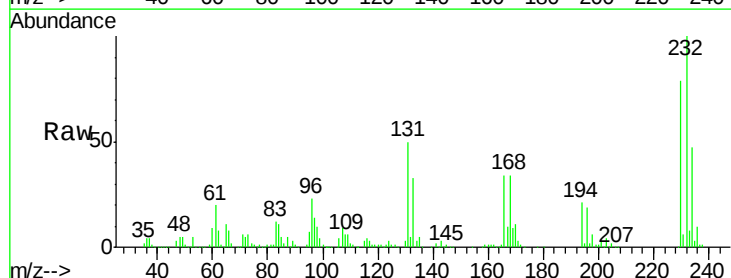
Ion Ratio Lower Upper

232 100

131 45.4 39.7 59.5

130 2.2 1.8 2.8

166 30.5 24.2 36.2

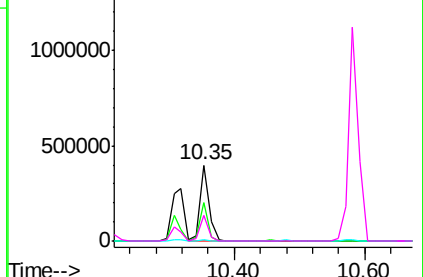
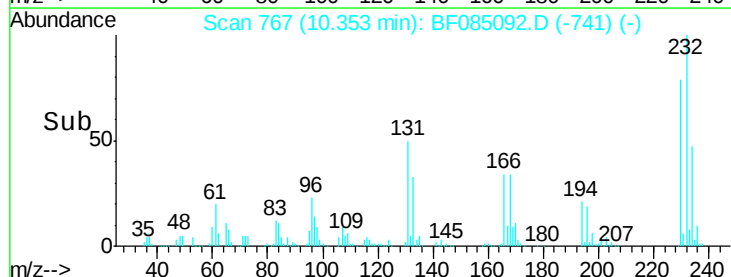


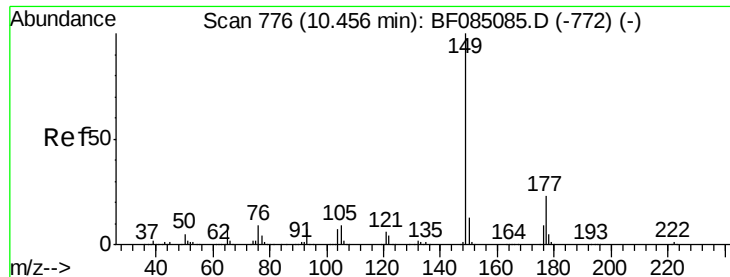
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





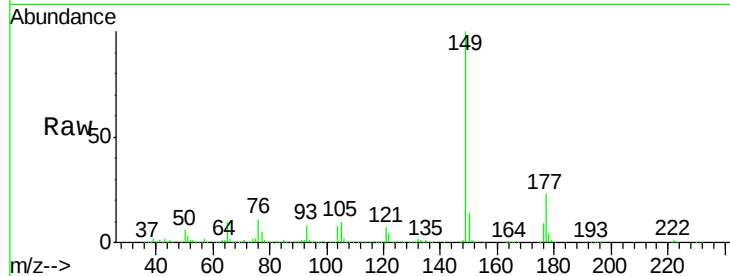
#59
Diethylphthalate
Concen: 48.18 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

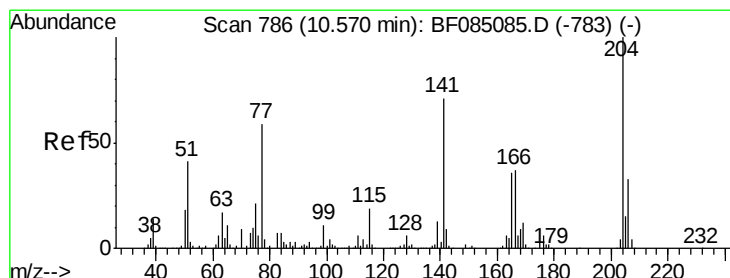
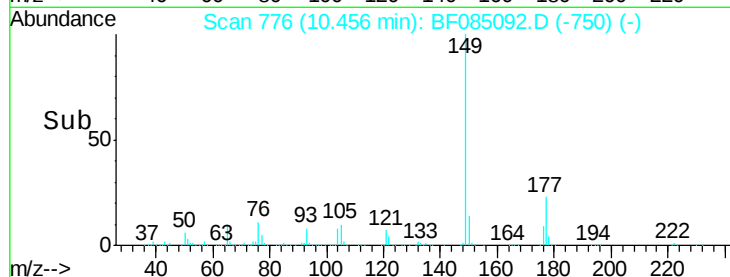
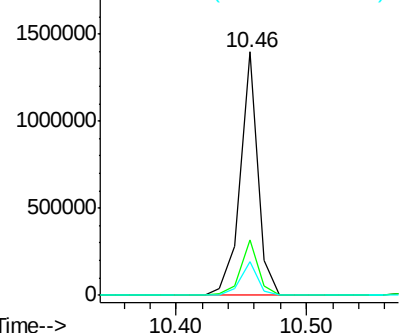
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.4	24.6
150	13.7	10.2	15.4

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM

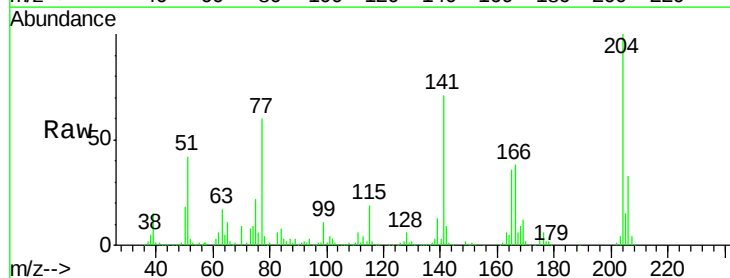


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

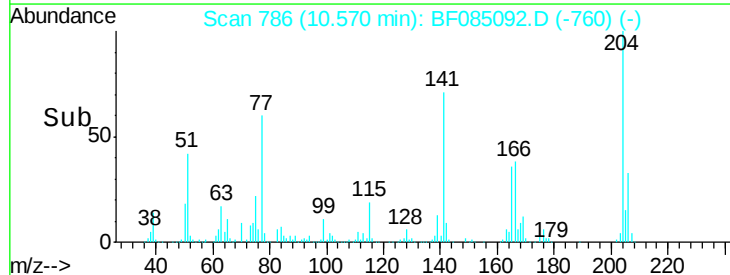
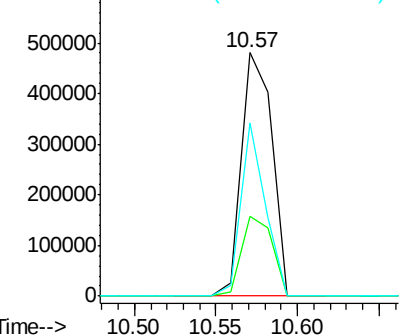


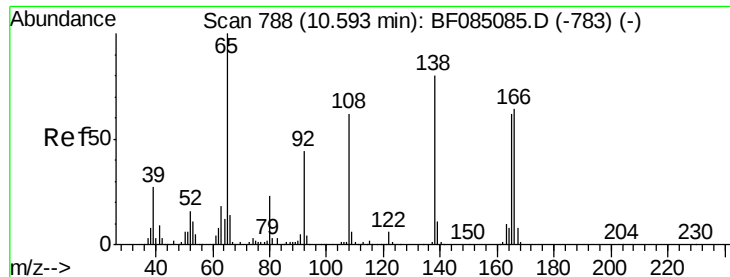
#60
4-Chlorophenyl-phenylether
Concen: 48.29 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	71.1	50.5	75.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 49.01 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

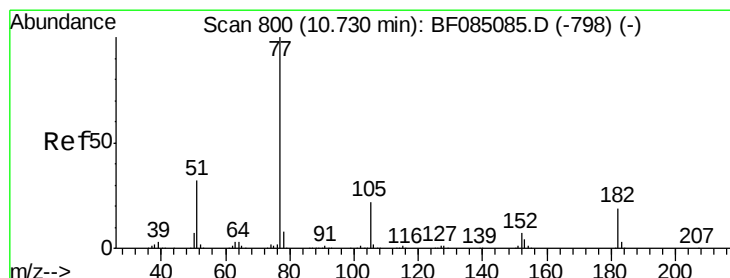
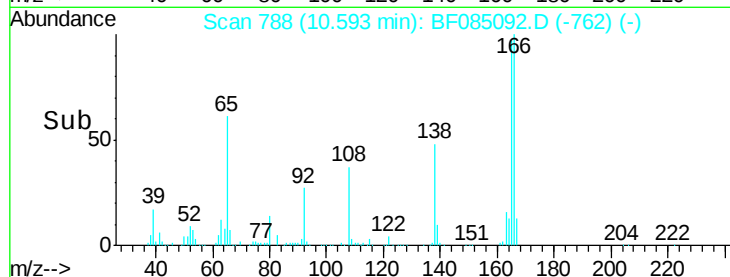
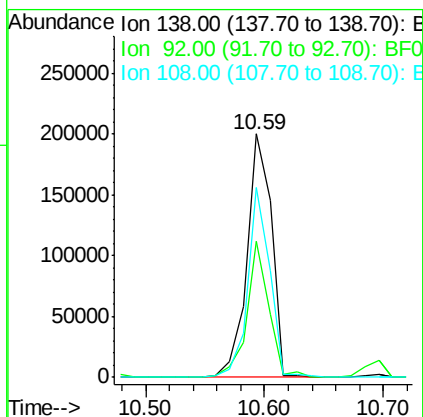
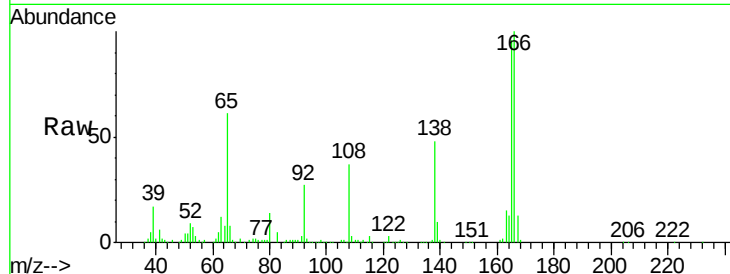
ClientSampled :

EP005MS

Tot Ion:	138	Resp:	289992
Ion Ratio	Lower	Upper	
138	100		
92	55.9	32.6	72.6
108	78.0	54.6	94.6

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#62

Azobenzene

Concen: 55.63 ng

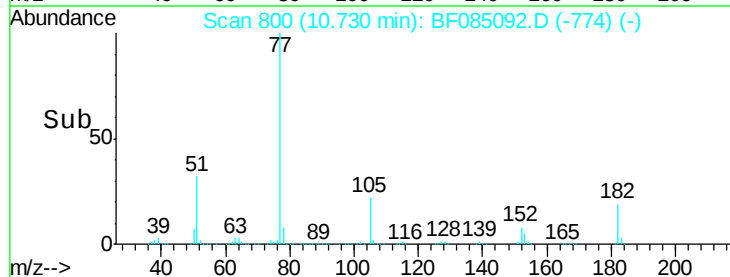
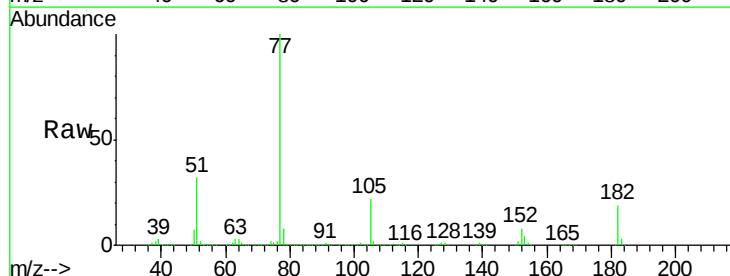
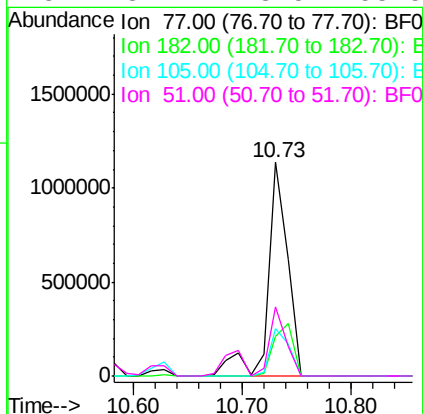
RT: 10.73 min Scan# 800

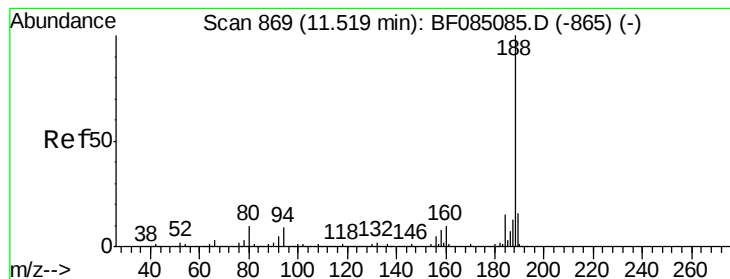
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	77	Resp:	1433912
Ion Ratio	Lower	Upper	
77	100		
182	18.9	1.3	41.3
105	22.3	4.2	44.2
51	32.1	13.5	53.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

EP005MS

Tot Ion:188 Resp: 745710

Ion Ratio Lower Upper

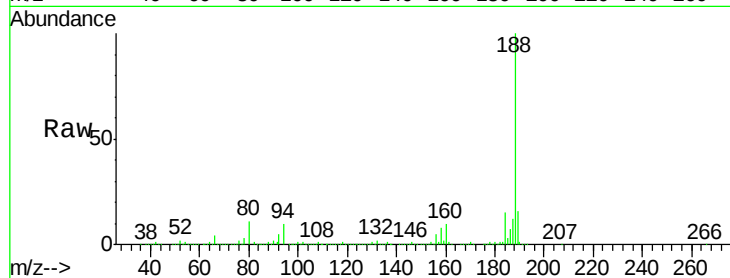
188 100

94 9.7 6.2 9.2#

80 10.7 6.6 9.8#

Manual Integrations
APPROVED

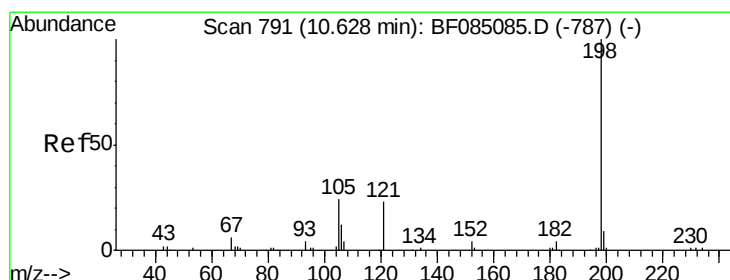
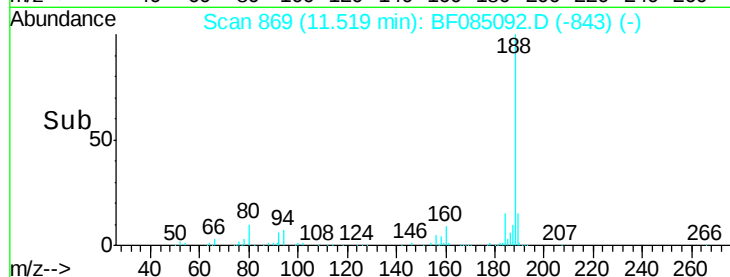
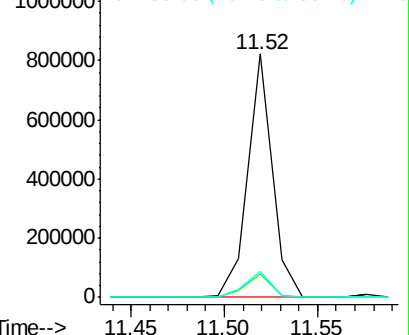
Sohil
2/19/2016 7:57:15 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.67 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

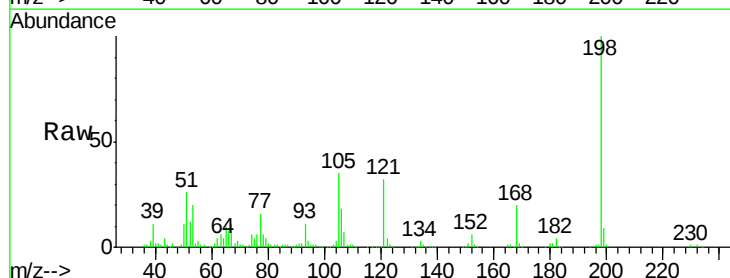
Tgt Ion:198 Resp: 196944

Ion Ratio Lower Upper

198 100

51 26.1 34.5 74.5#

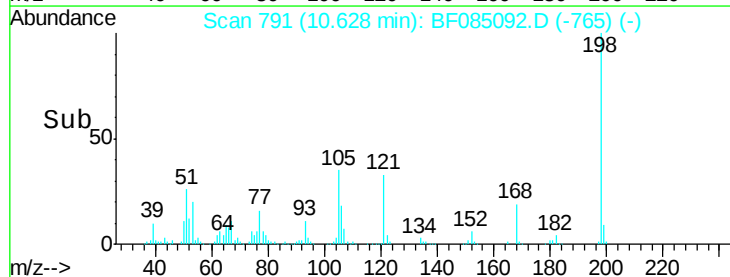
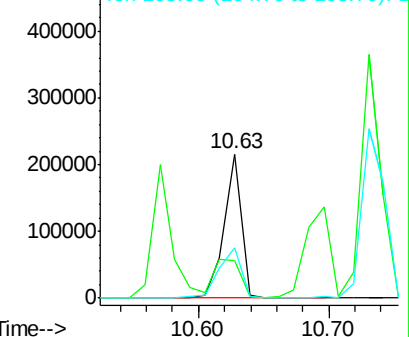
105 34.6 26.2 66.2

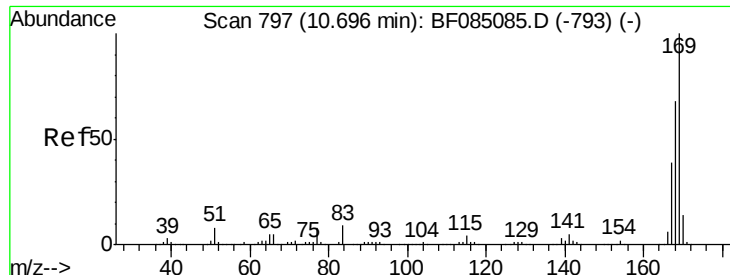


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.88 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:169 Resp: 1243662

Ion Ratio Lower Upper

169 100

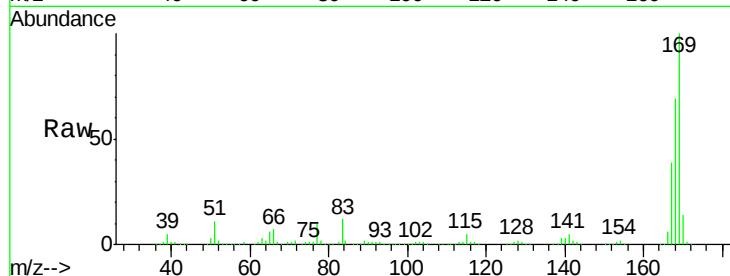
168 68.8 54.8 82.2

167 38.9 29.8 44.8

Manual Integrations
APPROVED

Sohil

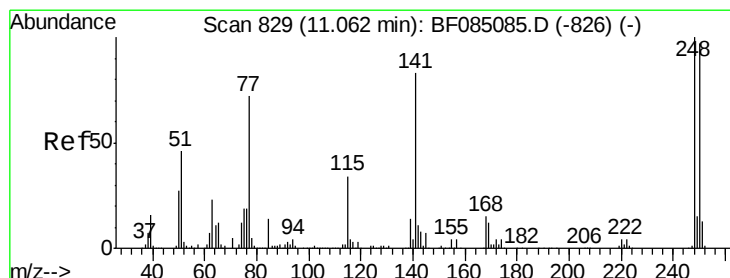
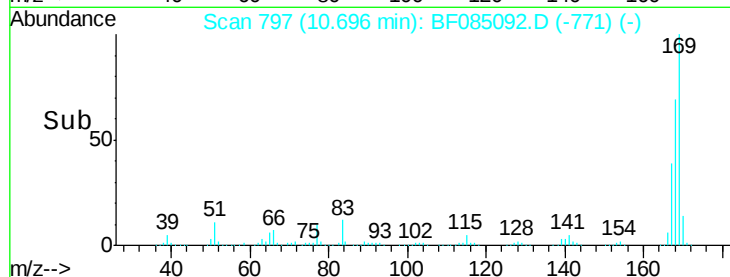
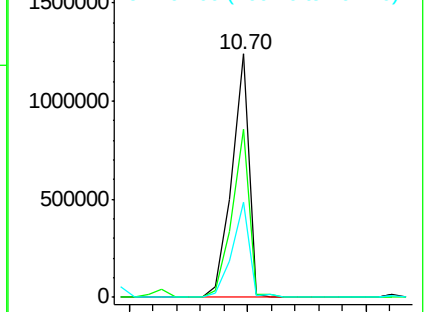
2/19/2016 7:57:15 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.00 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

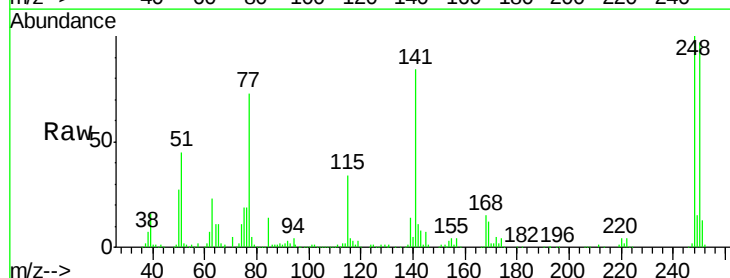
Tgt Ion:248 Resp: 417986

Ion Ratio Lower Upper

248 100

250 97.3 77.5 116.3

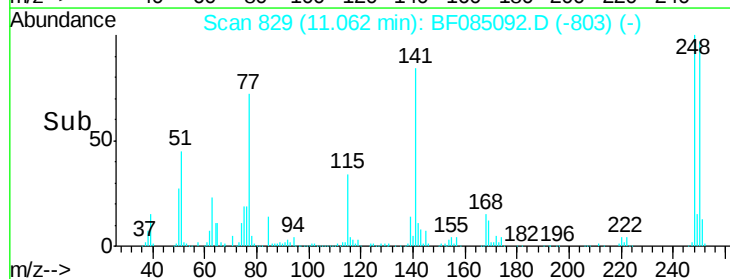
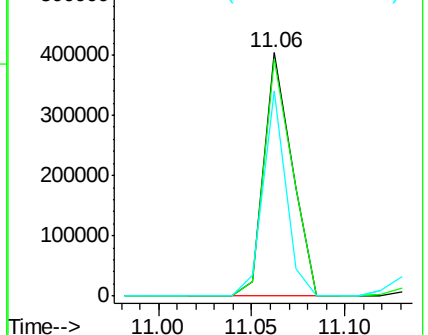
141 84.5 58.2 87.4

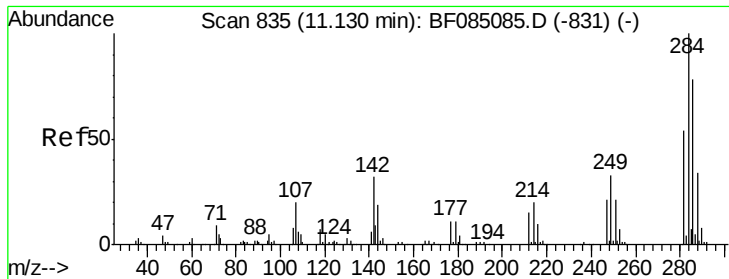


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





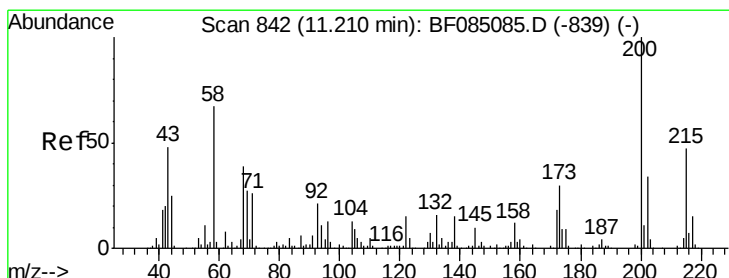
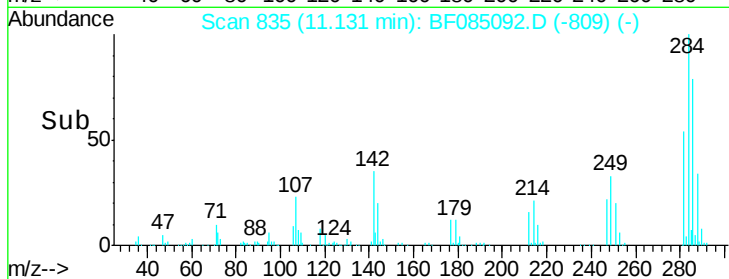
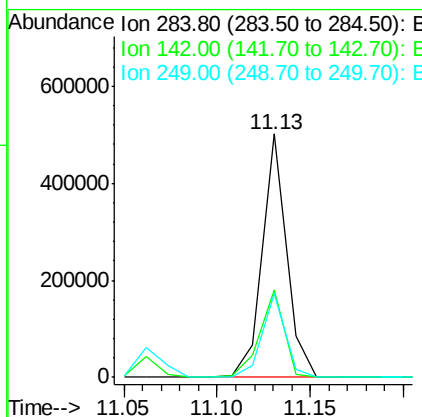
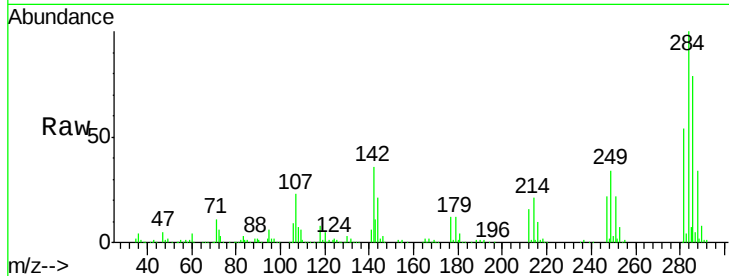
#67
Hexachlorobenzene
Concen: 49.26 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	450698		
142	36.2		33.5	50.3
249	34.3		27.4	41.2

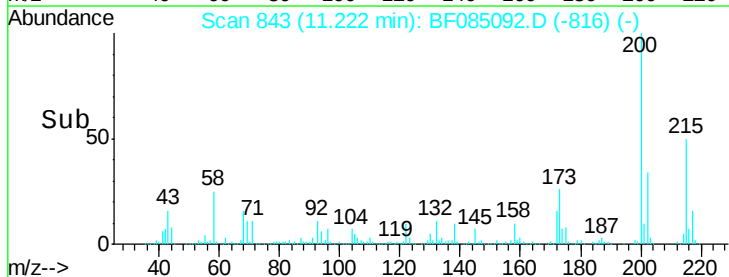
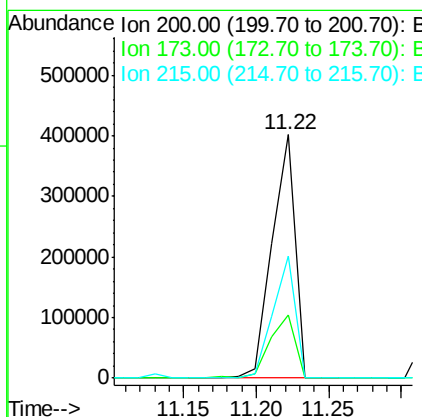
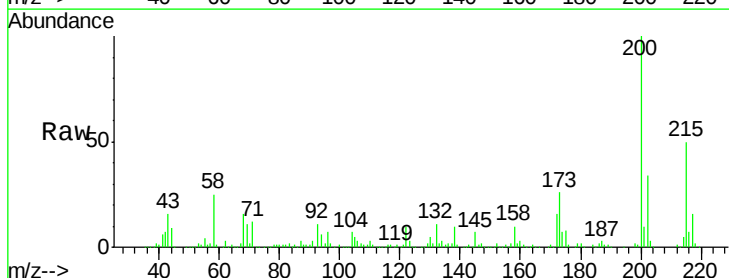
Manual Integrations
APPROVED

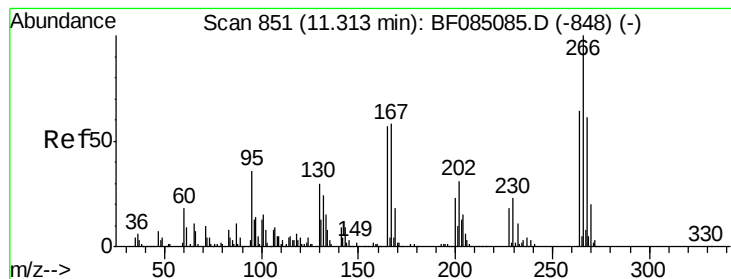
Sohil
2/19/2016 7:57:15 AM



#68
Atrazine
Concen: 65.15 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	441418		
173	26.0		4.7	44.7
215	50.0		24.8	64.8





#69

Pentachlorophenol

Concen: 104.41 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

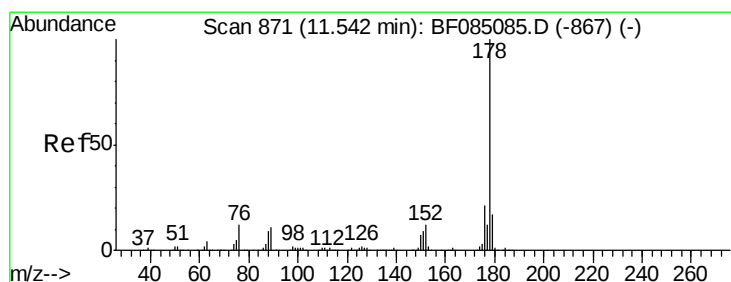
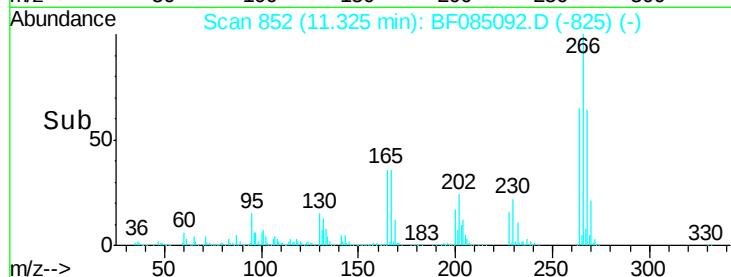
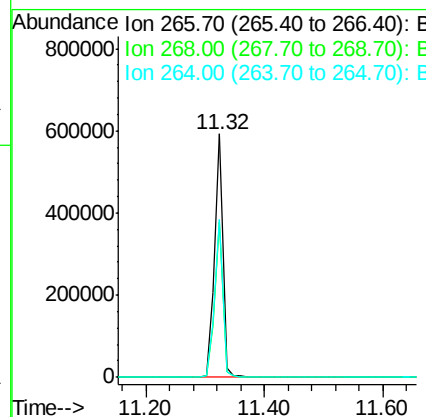
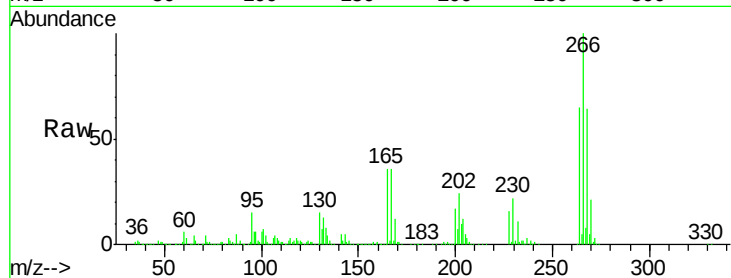
ClientSampleId :

EP005MS

Tot Ion:	266	Resp:	579442
Ion Ratio	Lower	Upper	
266	100		
268	63.9	47.3	70.9
264	64.7	49.8	74.6

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#70

Phenanthrene

Concen: 48.96 ng

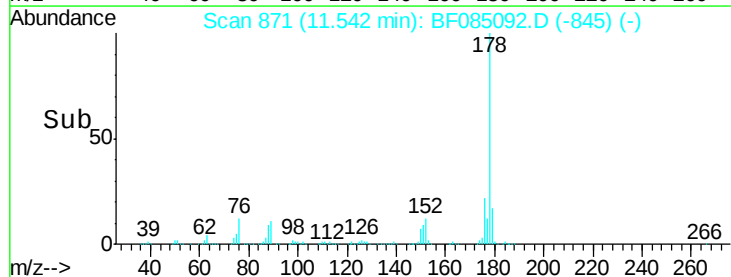
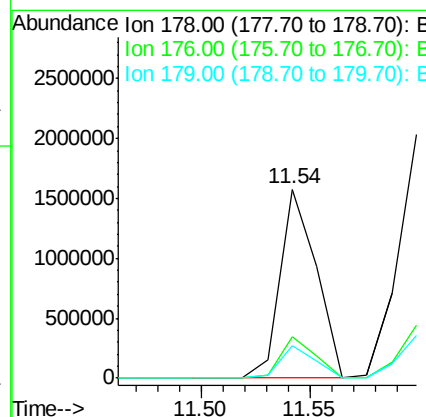
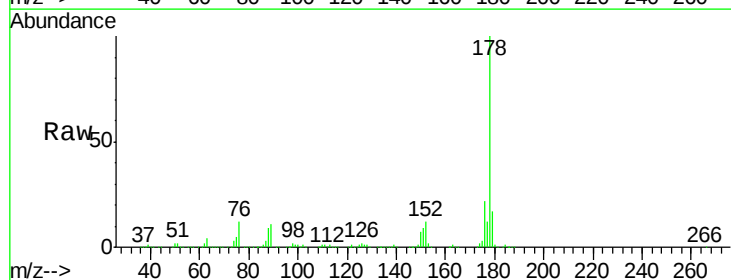
RT: 11.54 min Scan# 871

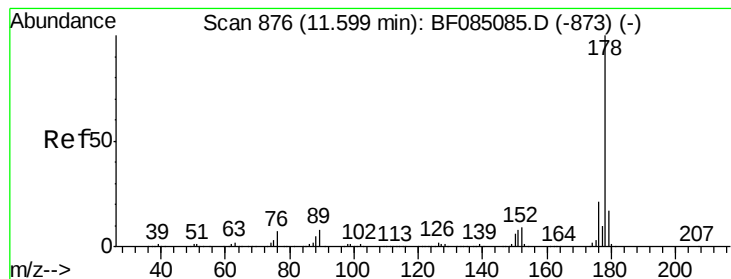
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	178	Resp:	1834137
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.9	23.9
179	17.1	13.1	19.7





#71
 Anthracene
 Concen: 51.21 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

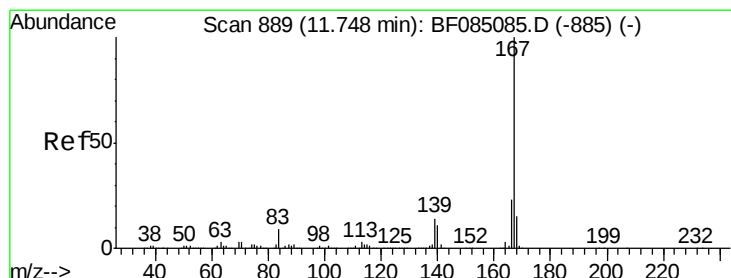
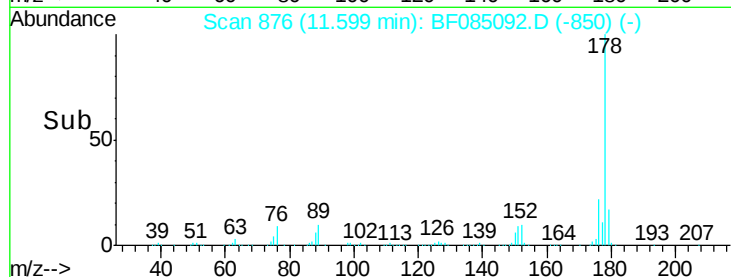
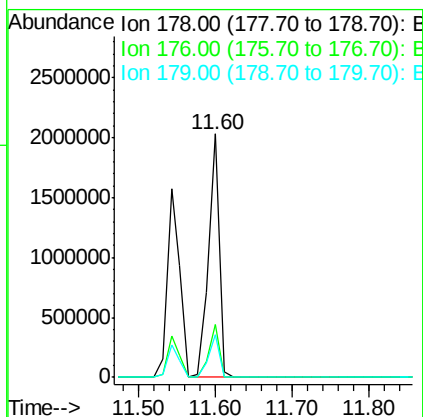
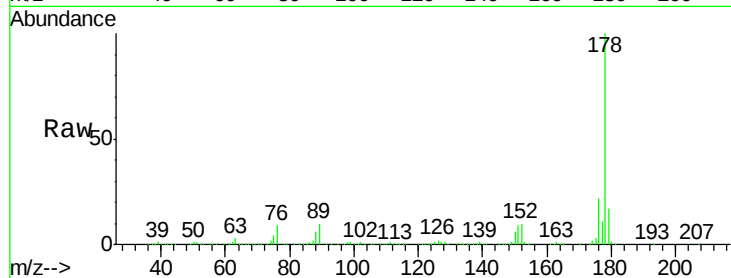
Instrument :
 BNA_F
 ClientSampleID :
 EP005MS

Tot Ion:178 Resp: 1936568

Ion	Ratio	Lower	Upper
178	100		
176	21.8	14.8	22.2
179	17.4	12.2	18.2

Manual Integrations
 APPROVED

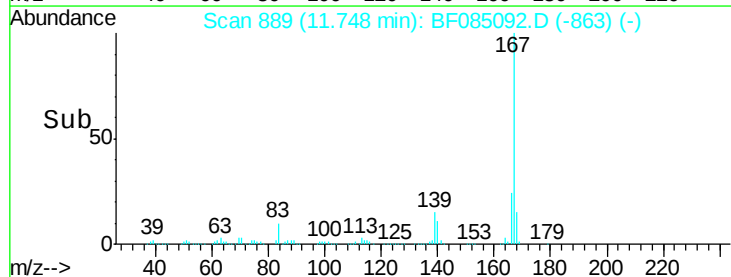
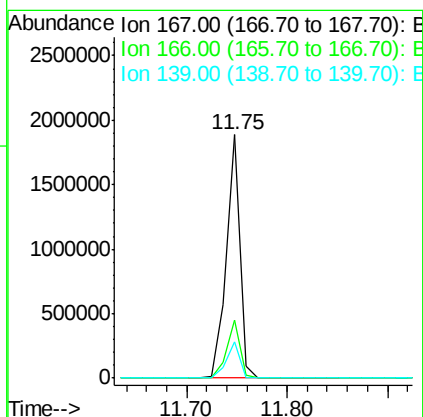
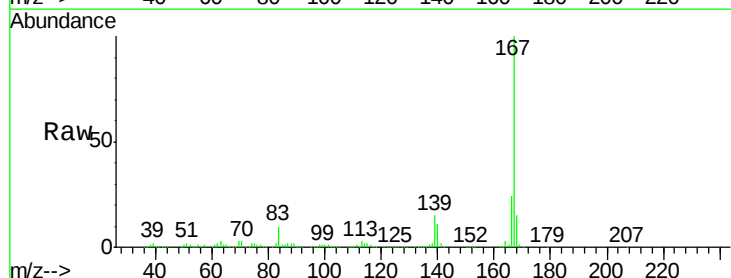
Sohil
 2/19/2016 7:57:15 AM

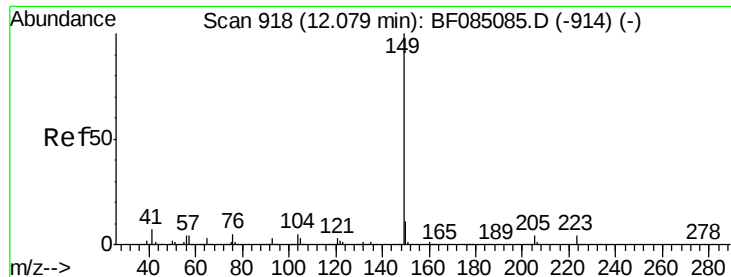


#72
 Carbazole
 Concen: 51.27 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:167 Resp: 1768196

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.4	26.0
139	14.7	11.0	16.6





#73

Di-n-butylphthalate

Concen: 51.90 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:149 Resp: 2042173

Ion Ratio Lower Upper

149 100

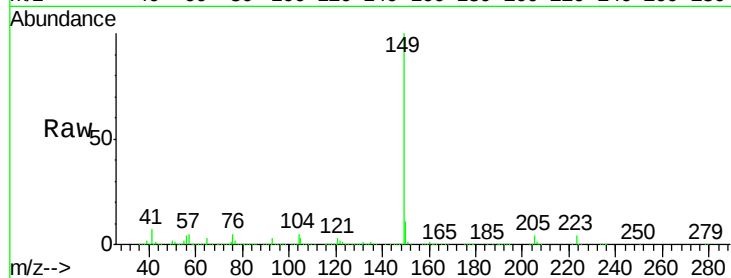
150 10.9 7.5 11.3

104 5.5 4.2 6.2

Manual Integrations
APPROVED

Sohil

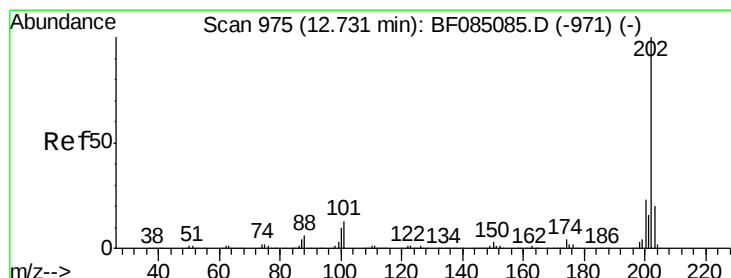
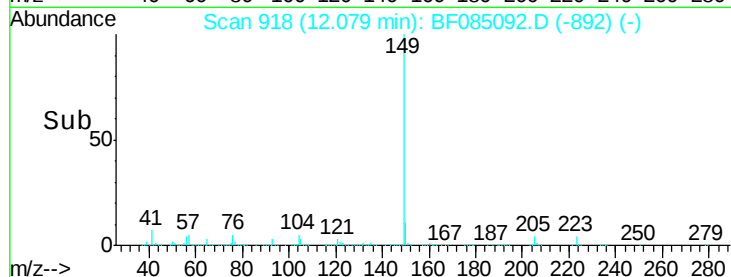
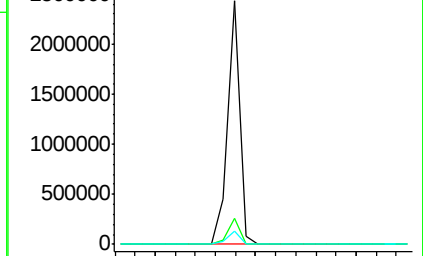
2/19/2016 7:57:15 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.70 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

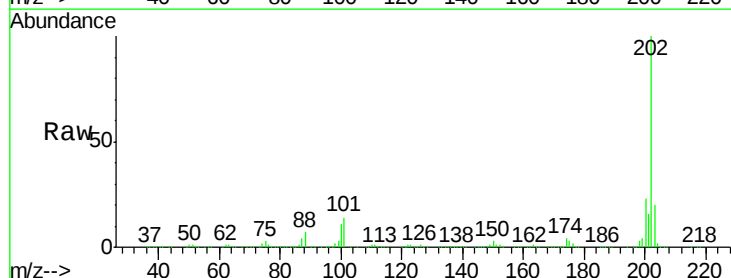
Tgt Ion:202 Resp: 1931685

Ion Ratio Lower Upper

202 100

101 14.3 0.0 29.8

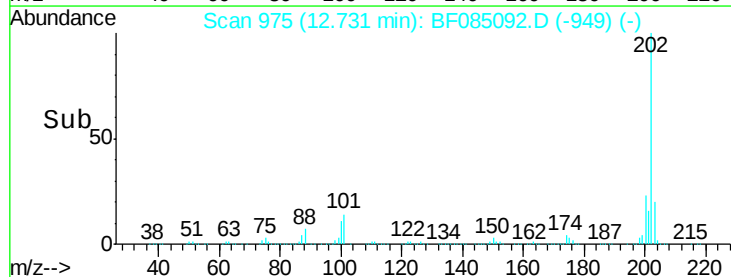
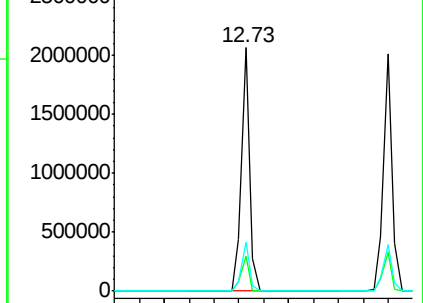
203 20.0 0.0 37.5

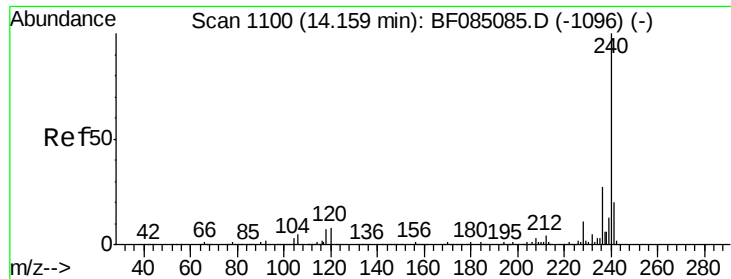


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

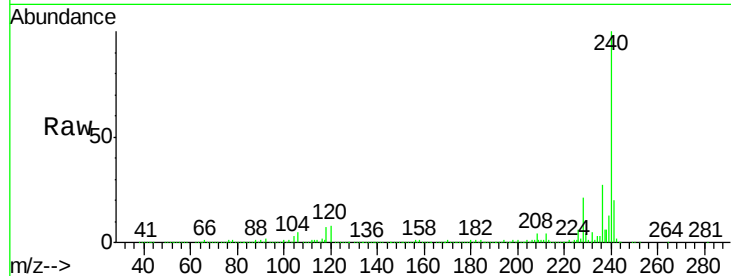
ClientSampleId :

EP005MS

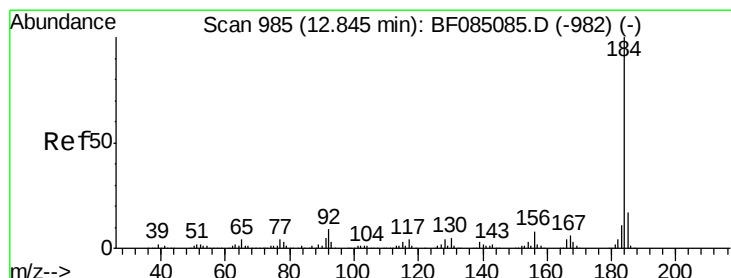
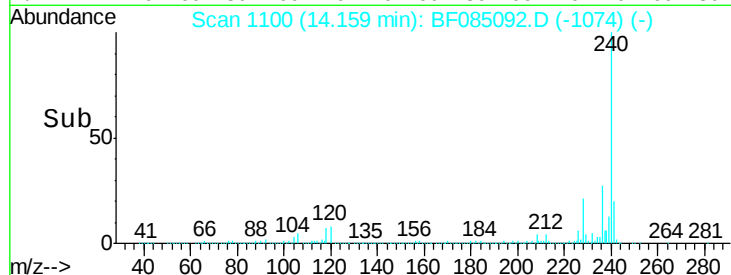
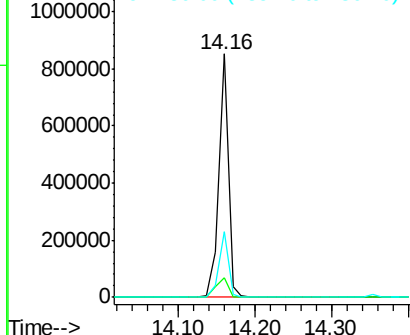
Tot Ion:	240	Resp:	730502
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.0	10.6
236	27.1	20.5	30.7

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.75 ng

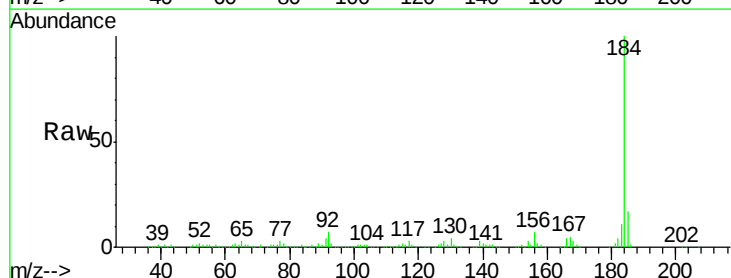
RT: 12.84 min Scan# 985

Delta R.T. 0.00 min

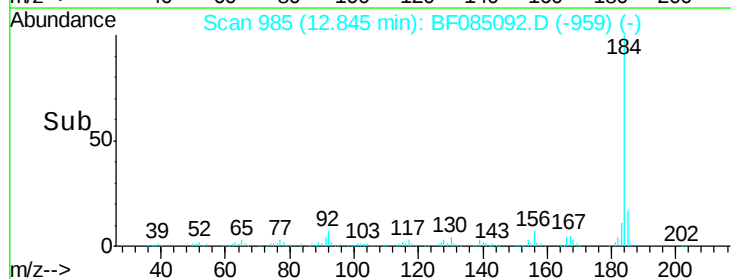
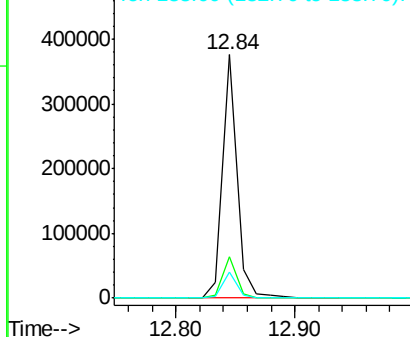
Lab File: BF085092.D

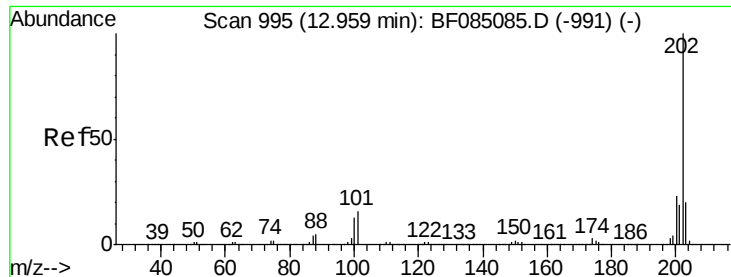
Acq: 17 Feb 2016 17:56

Tgt Ion:	184	Resp:	317270
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.8	17.8
183	10.9	8.6	12.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





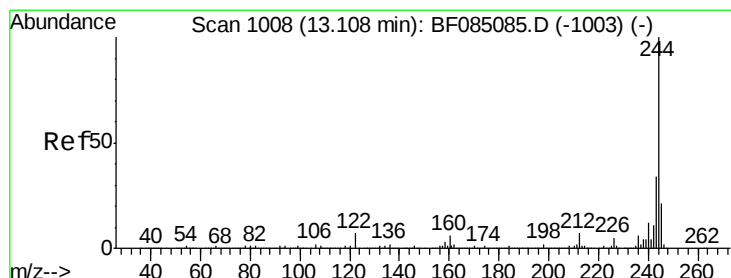
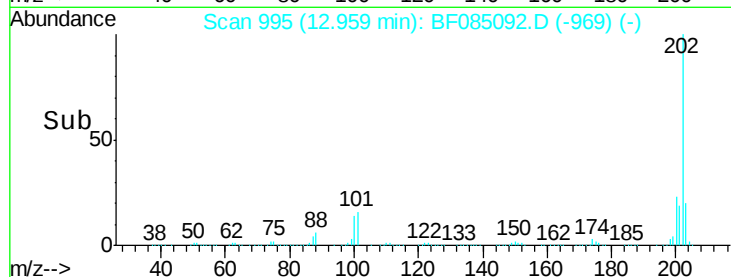
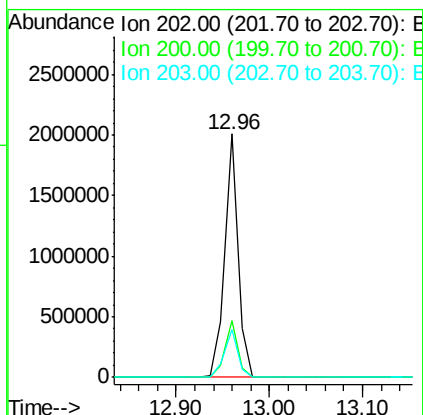
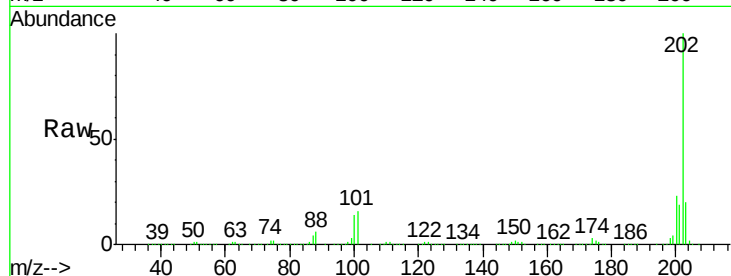
#77
Pvrene
Concen: 45.15 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampled :
EP005MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.0	25.4
203	19.9	14.2	21.4

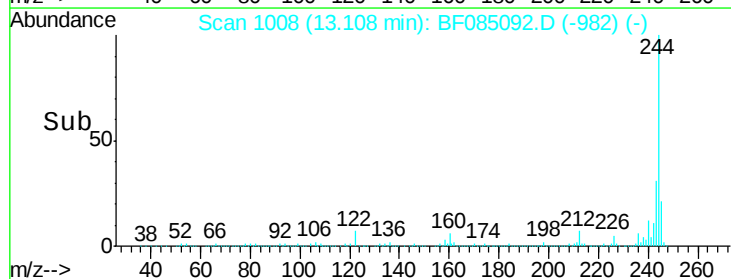
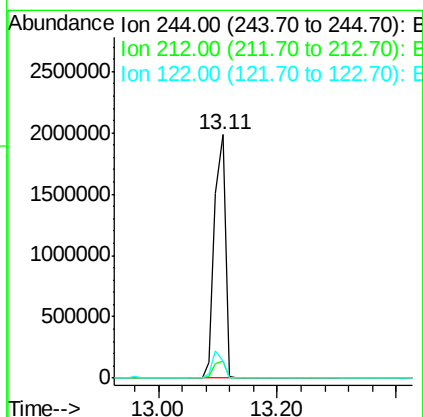
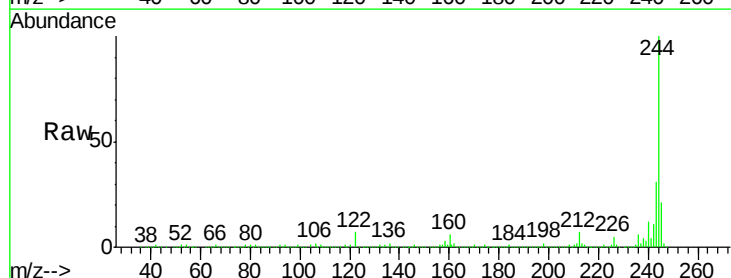
Manual Integrations
APPROVED

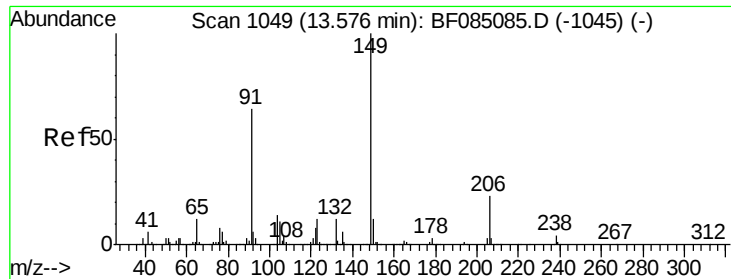
Sohil
2/19/2016 7:57:15 AM



#78
Terphenyl-d14
Concen: 96.01 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.2	10.1	15.1#





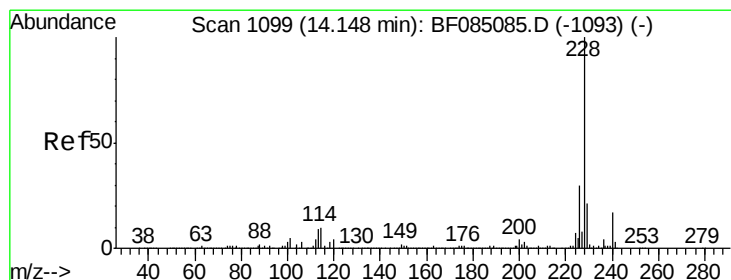
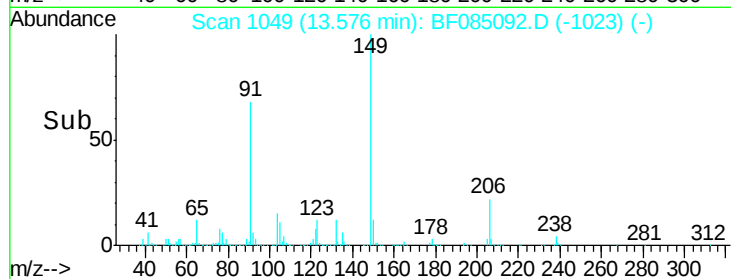
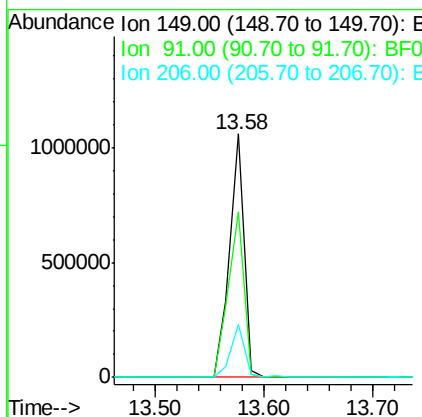
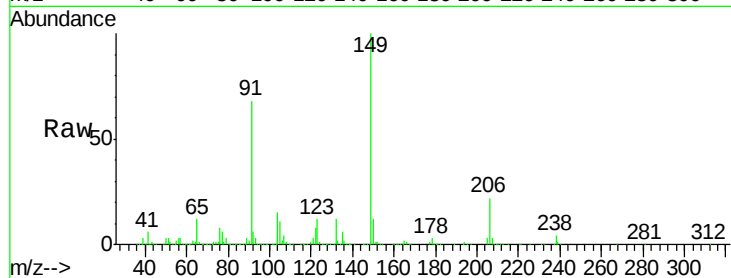
#79
Butylbenzylphthalate
Concen: 56.06 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampled :
EP005MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	979901		
91	68.2	57.8	86.8	
206	22.0	13.8	20.8	

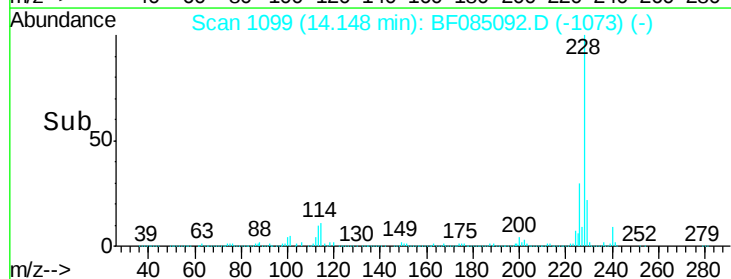
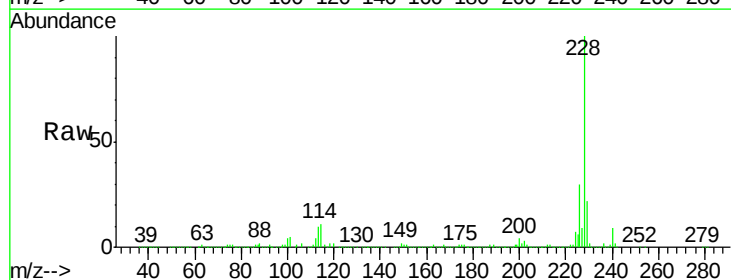
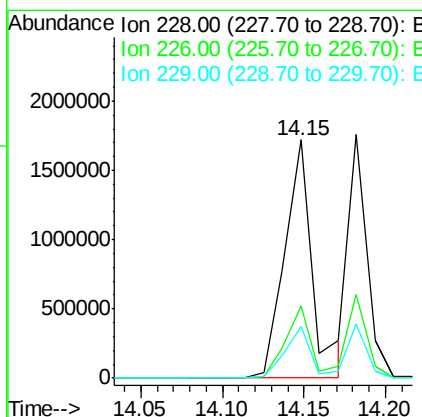
Manual Integrations
APPROVED

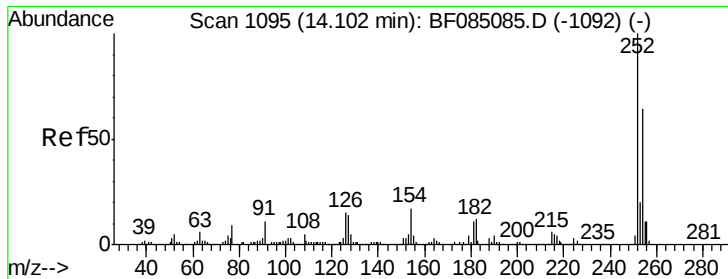
Sohil
2/19/2016 7:57:15 AM



#80
Benzo(a)anthracene
Concen: 50.09 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2041398		
226	30.4	21.8	32.6	
229	21.7	15.8	23.8	





#81

3,3'-Dichlorobenzidine

Concen: 13.00 ng

RT: 14.10 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

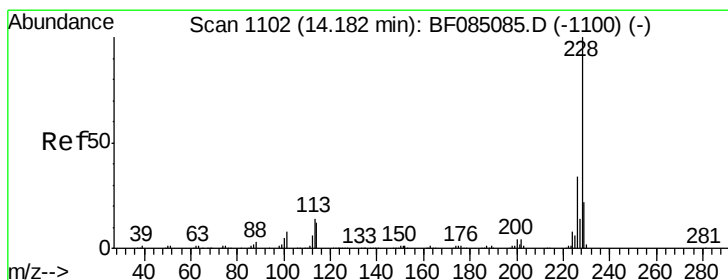
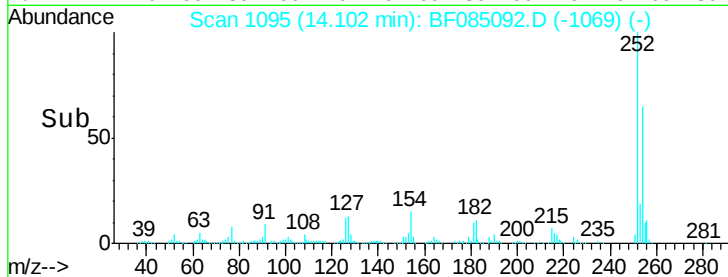
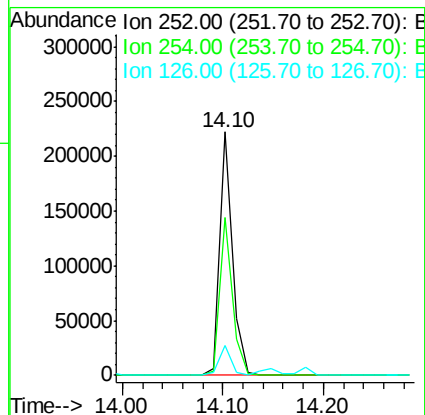
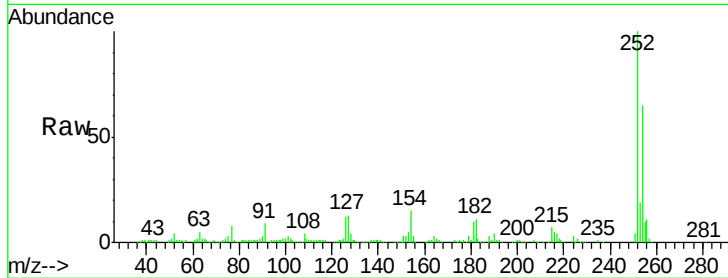
ClientSampleId :

EP005MS

Tot Ion:	252	Resp:	195918
Ion Ratio		Lower	Upper
252	100		
254	64.6	52.9	79.3
126	12.4	10.6	16.0

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



#82

Chrysene

Concen: 38.14 ng

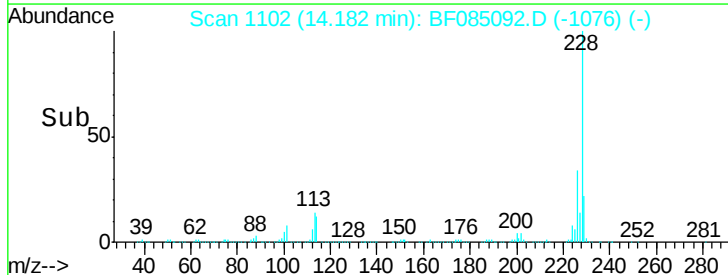
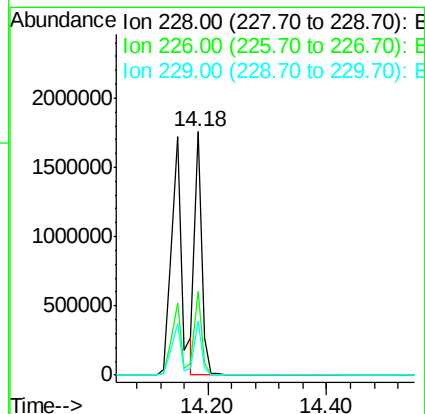
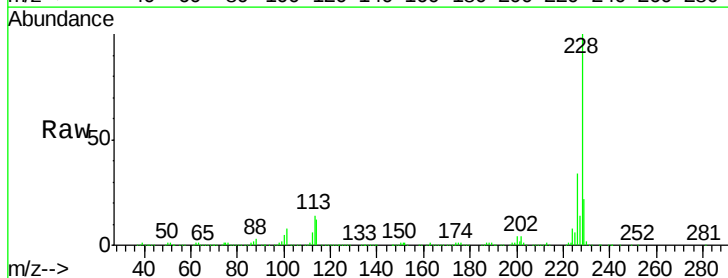
RT: 14.18 min Scan# 1102

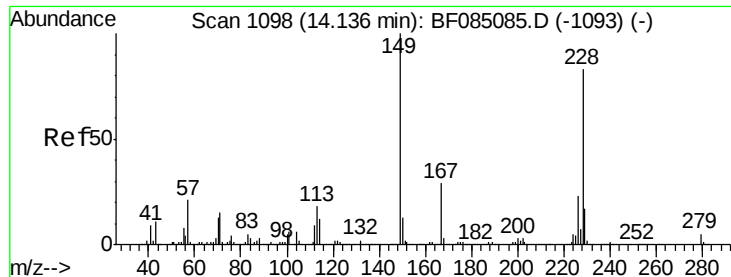
Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:	228	Resp:	1430625
Ion Ratio		Lower	Upper
228	100		
226	34.1	24.3	36.5
229	22.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.77 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:149 Resp: 1260590

Ion Ratio Lower Upper

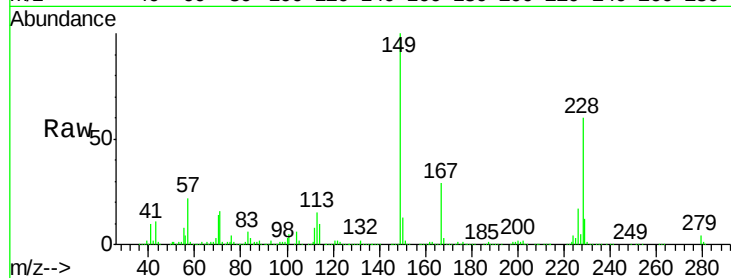
149 100

167 29.0 21.0 31.6

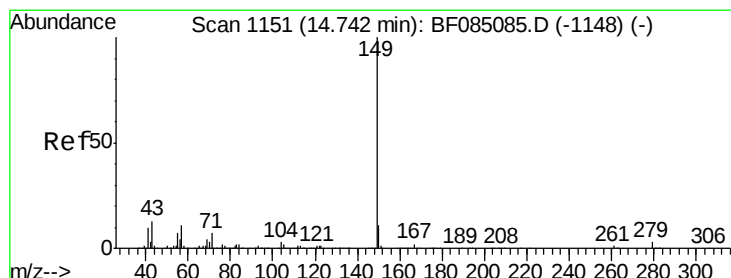
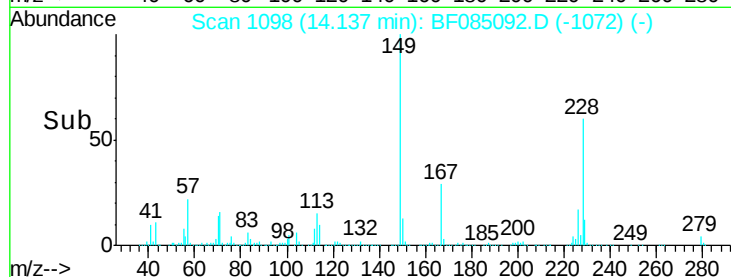
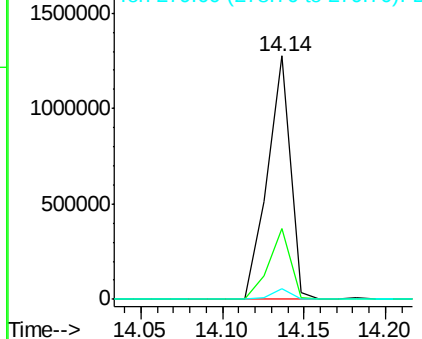
279 4.5 2.4 3.6#

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.30 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:149 Resp: 2075244

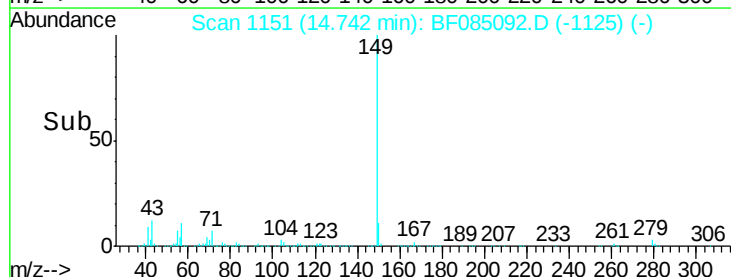
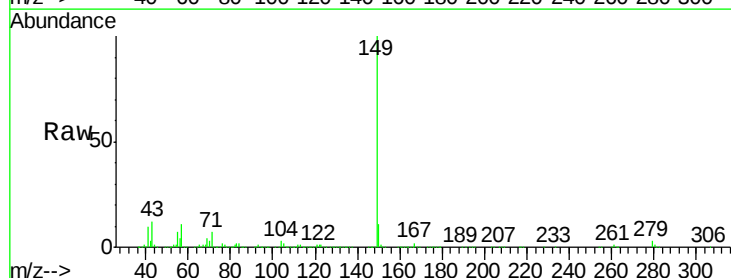
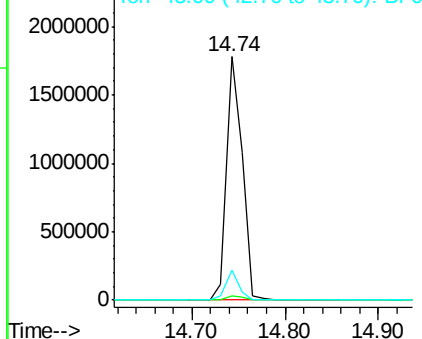
Ion Ratio Lower Upper

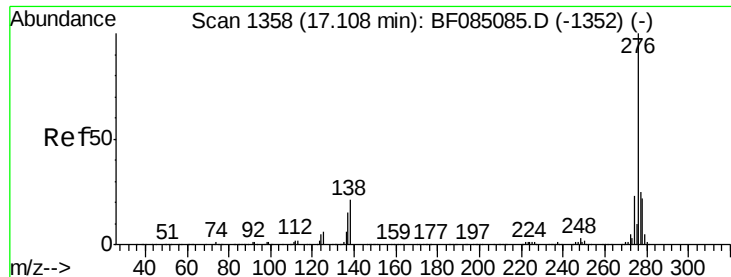
149 100

167 1.8 1.2 1.8

43 10.0 9.0 13.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





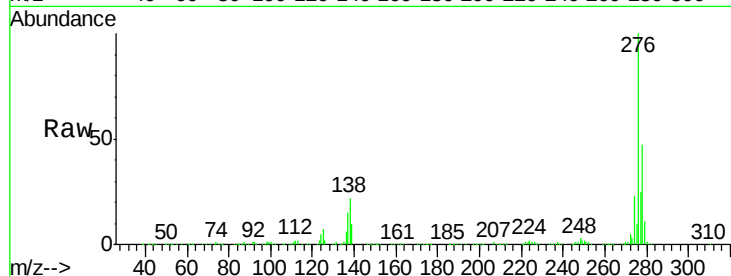
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.16 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

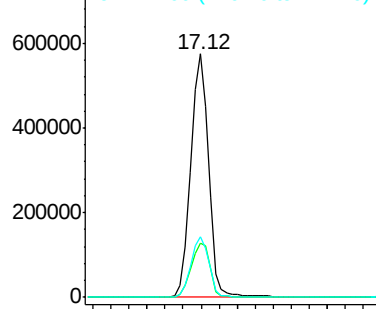
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.0	28.4
277	25.4	20.0	30.0

Manual Integrations
APPROVED

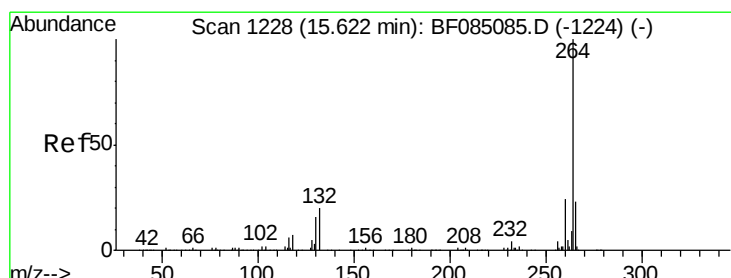
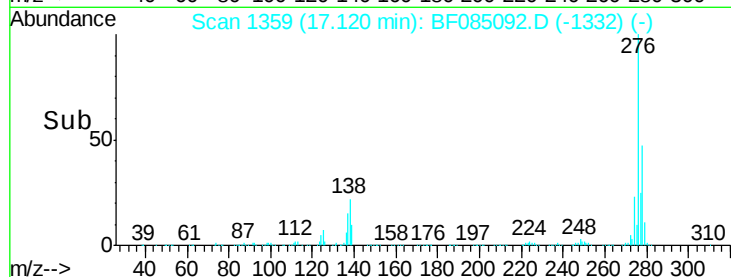
Sohil
2/19/2016 7:57:15 AM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

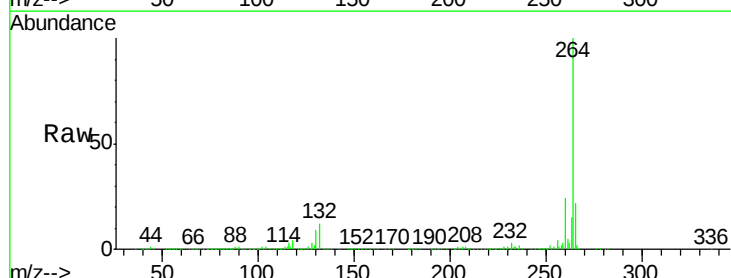


Time-->

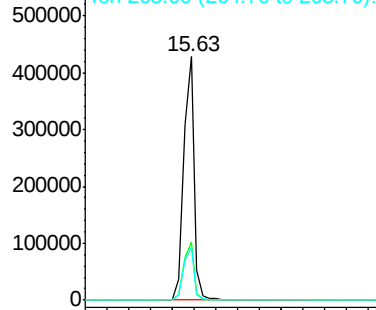


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

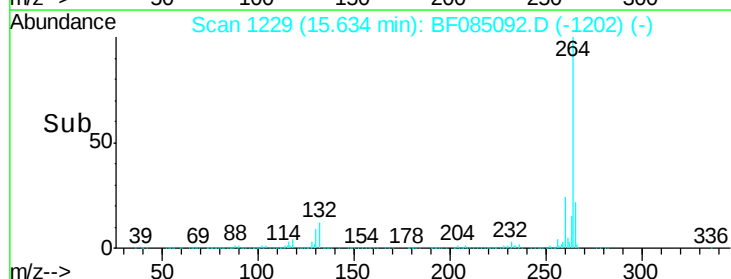
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	16.7	25.1

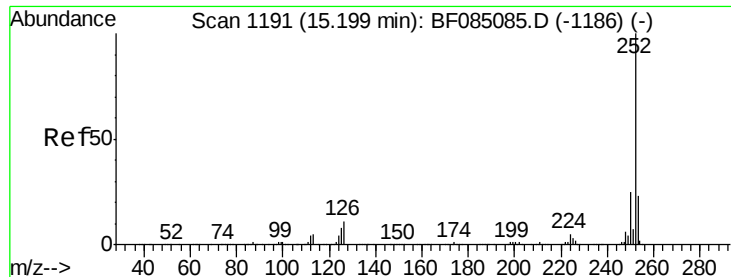


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 47.91 ng

RT: 15.20 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

EP005MS

Tot Ion:252 Resp: 1785101

Ion Ratio Lower Upper

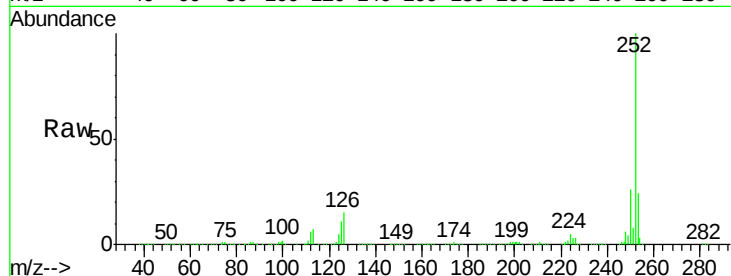
252 100

253 23.7 17.6 26.4

125 10.9 5.4 8.2#

Manual Integrations
APPROVED

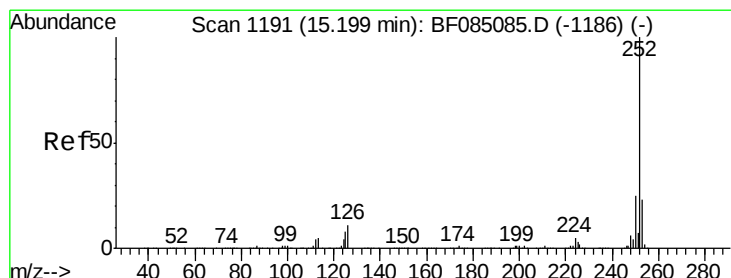
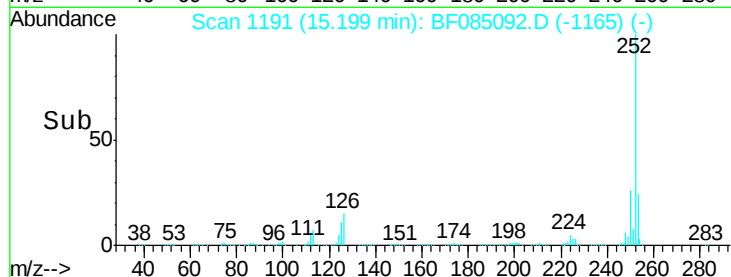
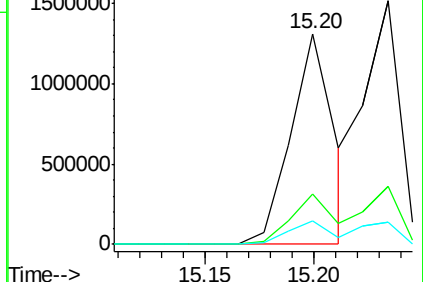
Sohil
2/19/2016 7:57:15 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 58.83 ng m

RT: 15.23 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

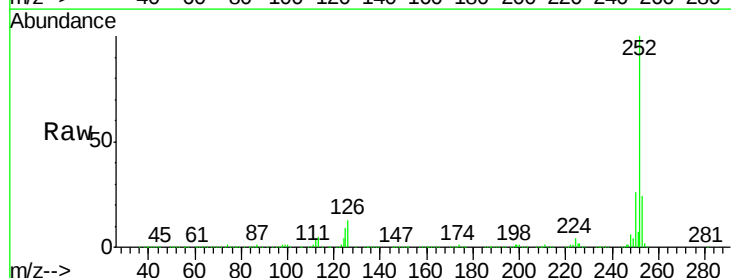
Tgt Ion:252 Resp: 1765098

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

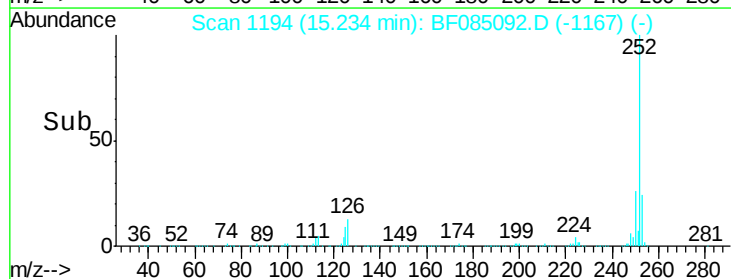
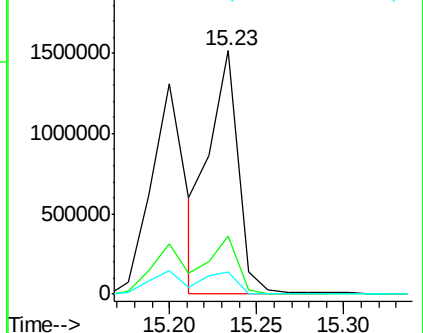
125 9.0 7.2 10.8

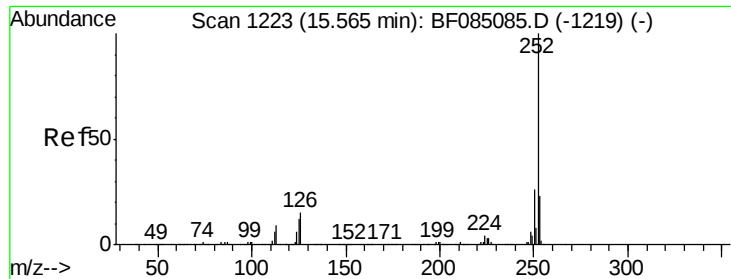


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





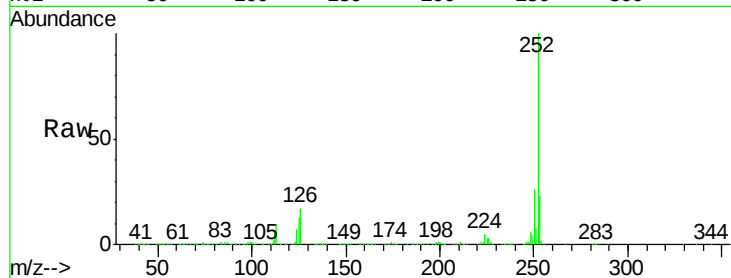
#89
Benzo(a)pyrene
Concen: 53.77 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :
EP005MS

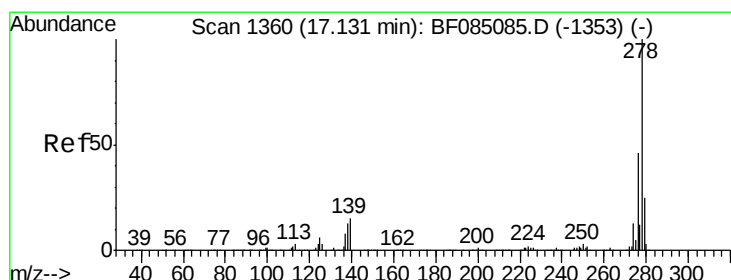
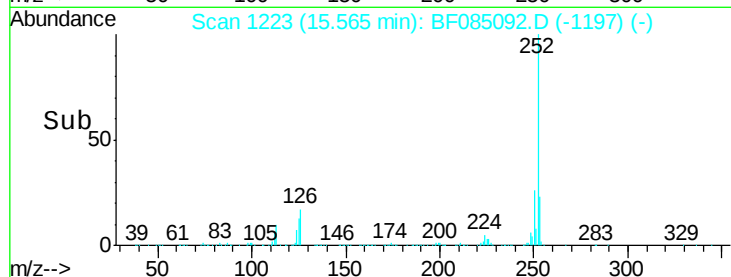
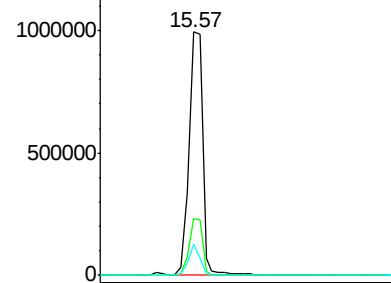
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.8	6.1	9.1

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:15 AM

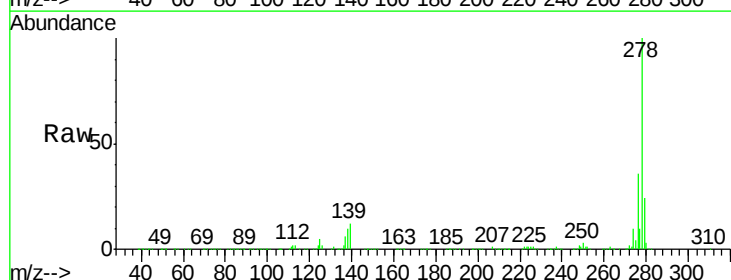


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

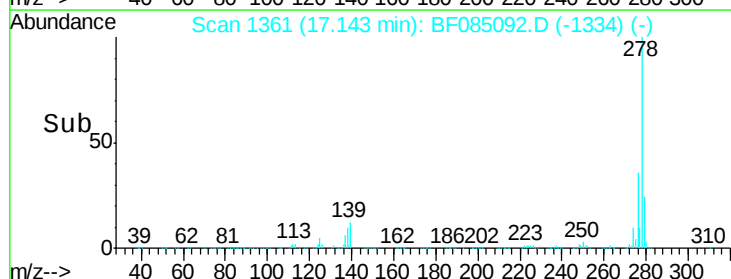
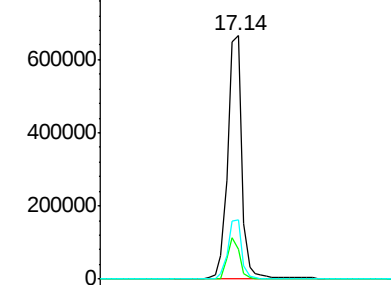


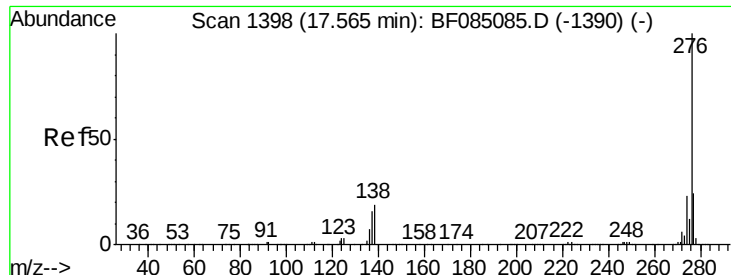
#90
Dibenzo(a,h)anthracene
Concen: 48.75 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	13.3	19.9
279	24.4	18.6	27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.08 ng
 RT: 17.57 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 EP005MS

Tot Ion:	276	Resp:	1275142
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.1	28.7
138	21.5	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:15 AM

