

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085474.D
 Acq On : 16 Mar 2016 21:04
 Operator : UM/SJ
 Sample : H1788-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM

Quant Time: Mar 17 00:14:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	68449	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	267592	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	126643	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	229140	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	125940	20.00	ng	-0.02
86) Perylene-d12	15.51	264	100754	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	910287	228.60	ng	0.00
7) Phenol-d6	6.54	99	1205599	233.40	ng	-0.01
23) Nitrobenzene-d5	7.46	82	738400	163.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	249771	214.13	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1271673	174.20	ng	-0.01
78) Terphenyl-d14	13.01	244	951878	170.98	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	133127	67.00	ng	98
3) Pyridine	3.34	79	320672	67.98	ng	98
4) n-Nitrosodimethylamine	3.27	42	157584	72.34	ng	98
6) Aniline	6.56	93	440629	61.80	ng	99
8) 2-Chlorophenol	6.69	128	381382	81.69	ng	97
9) Benzaldehyde	6.45	77	76514	26.53	ng	94
10) Phenol	6.55	94	539789	93.23	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	374566	84.13	ng	96
12) 1,3-Dichlorobenzene	6.85	146	380341	73.50	ng	99
13) 1,4-Dichlorobenzene	6.92	146	376407	72.62	ng	98
14) 1,2-Dichlorobenzene	7.08	146	377017	82.88	ng	97
15) Benzyl Alcohol	7.04	79	294170	79.74	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	440122	72.59	ng	99
17) 2-Methylphenol	7.16	107	290967	74.44	ng	96
18) Hexachloroethane	7.42	117	144895	76.20	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	225547	72.92	ng	# 92
20) 3+4-Methylphenols	7.32	107	368512	87.95	ng	# 72
22) Acetophenone	7.32	105	468626	71.47	ng	# 97
24) Nitrobenzene	7.49	77	396101	77.68	ng	95
25) Isophorone	7.73	82	701713	76.03	ng	98
26) 2-Nitrophenol	7.81	139	207502	84.94	ng	93
27) 2,4-Dimethylphenol	7.84	122	353764	81.42	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	398736	72.26	ng	100
29) 2,4-Dichlorophenol	8.05	162	302969	85.95	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	298181	73.21	ng	99
31) Naphthalene	8.21	128	982812	75.16	ng	99
32) Benzoic acid	7.93	122	100072	40.05	ng	98
33) 4-Chloroaniline	8.25	127	266032	47.30	ng	99
34) Hexachlorobutadiene	8.33	225	160938	75.59	ng	100
35) Caprolactam	8.62	113	92590	80.44	ng	92
36) 4-Chloro-3-methylphenol	8.74	107	341732	84.90	ng	94
37) 2-Methylnaphthalene	8.90	142	721534	87.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	262896	66.74	ng	98
40) Hexachlorocyclopentadiene	9.05	237	274216	144.05	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085474.D
 Acq On : 16 Mar 2016 21:04
 Operator : UM/SJ
 Sample : H1788-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM

Quant Time: Mar 17 00:14:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	195404	75.12	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	215847	82.15	nq	95
45) 1,1'-Biphenyl	9.36	154	759221	73.45	nq	99
46) 2-Chloronaphthalene	9.40	162	623197	80.46	nq	100
47) 2-Nitroaniline	9.49	65	206866	88.20	nq	# 81
48) Acenaphthylene	9.81	152	974882	77.80	nq	98
49) Dimethylphthalate	9.67	163	908744	98.35	nq	99
50) 2,6-Dinitrotoluene	9.73	165	150187	73.57	nq	90
51) Acenaphthene	9.98	154	647534	82.20	nq	99
52) 3-Nitroaniline	9.90	138	156295	64.03	nq	100
53) 2,4-Dinitrophenol	10.00	184	124799	108.91	nq	# 61
54) Dibenzofuran	10.15	168	820407	84.77	nq	100
55) 4-Nitrophenol	10.06	139	237973	141.65	nq	# 76
56) 2,4-Dinitrotoluene	10.14	165	205626	80.32	nq	# 66
57) Fluorene	10.49	166	646782	83.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	148791	82.47	nq	99
59) Diethylphthalate	10.37	149	712530	79.66	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	280710	70.79	nq	94
61) 4-Nitroaniline	10.52	138	186905	81.44	nq	85
62) Azobenzene	10.64	77	734399	82.68	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	96078	70.19	nq	# 62
65) n-Nitrosodiphenylamine	10.61	169	595443	84.33	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	177186	76.41	nq	96
67) Hexachlorobenzene	11.04	284	186645	78.00	nq	# 89
68) Atrazine	11.13	200	202166	100.05	nq	94
69) Pentachlorophenol	11.24	266	203503	160.44	nq	99
70) Phenanthrene	11.45	178	920112	77.10	nq	99
71) Anthracene	11.51	178	990811	81.51	nq	99
72) Carbazole	11.66	167	836256	81.30	nq	99
73) Di-n-butylphthalate	11.99	149	1102320	86.51	nq	98
74) Fluoranthene	12.64	202	939284	83.72	nq	98
76) Benzidine	12.76	184	249625	63.81	nq	98
77) Pyrene	12.87	202	936797	99.18	nq	99
79) Butylbenzylphthalate	13.49	149	390477	94.54	nq	# 75
80) Benzo(a)anthracene	14.05	228	599689	83.05	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	128987	52.78	nq	98
82) Chrysene	14.09	228	574121	88.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	470981	93.48	nq	# 96
84) Di-n-octyl phthalate	14.65	149	706196	96.01	nq	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	583103	94.70	nq	97
87) Benzo(b)fluoranthene	15.09	252	463444m	70.43	nq	
88) Benzo(k)fluoranthene	15.12	252	487591m	94.61	nq	
89) Benzo(a)pyrene	15.45	252	467834	82.30	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	489743	88.19	nq	97
91) Benzo(g,h,i)perylene	17.39	276	504911	89.02	nq	94

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

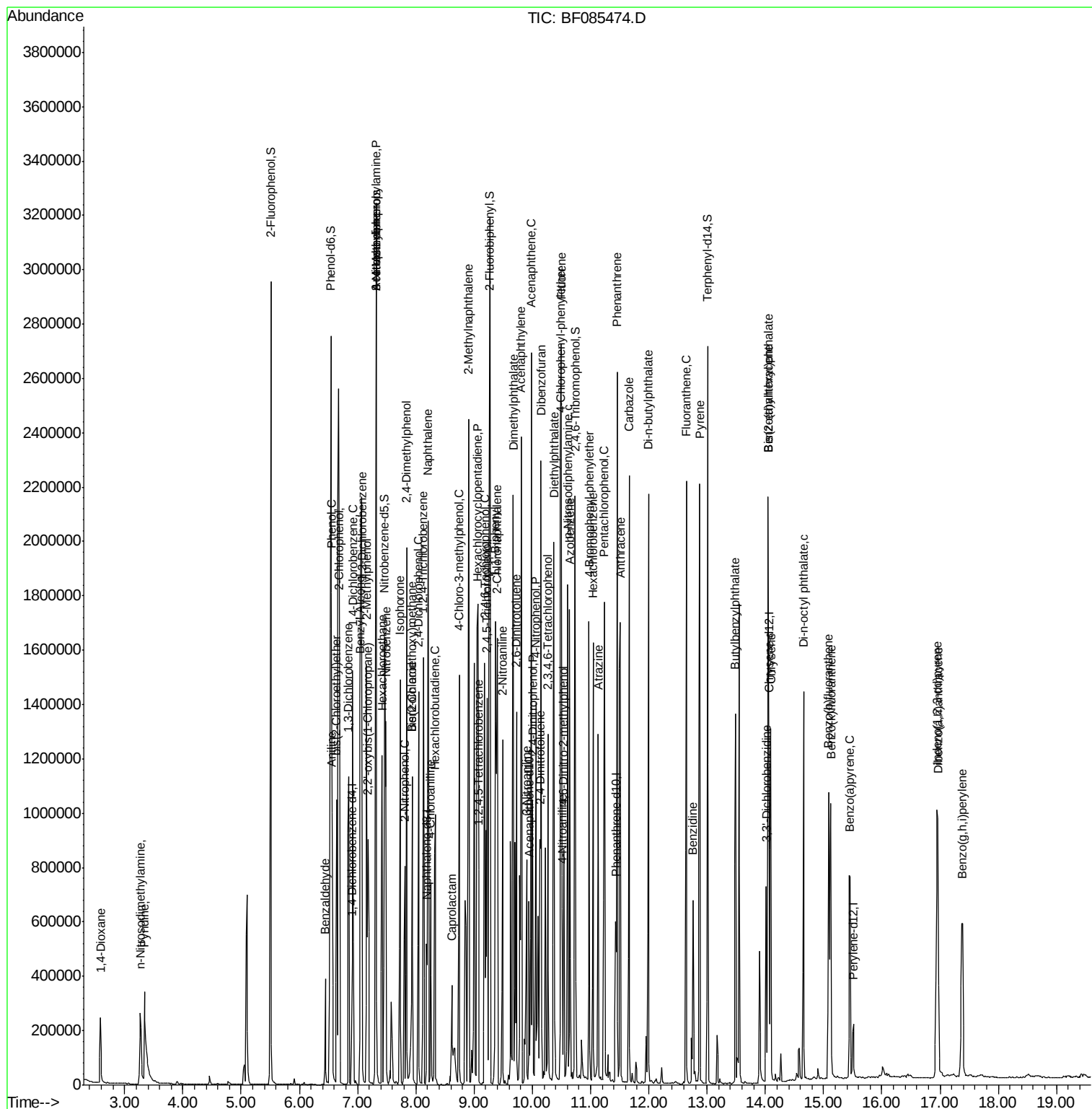
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085474.D
Acq On : 16 Mar 2016 21:04
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

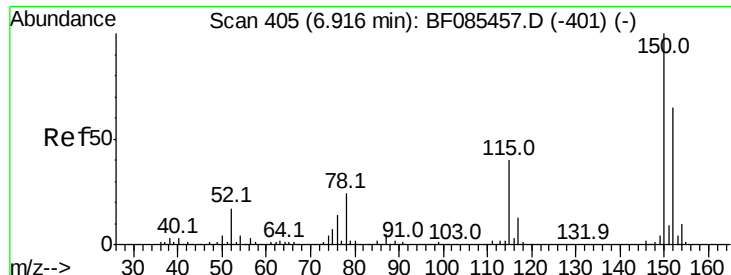
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

Quant Time: Mar 17 00:14:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

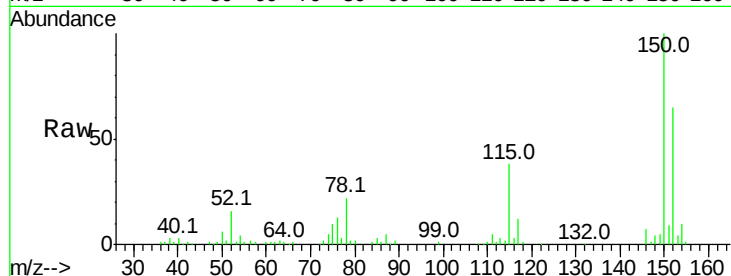
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	57.6	46.6	70.0

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

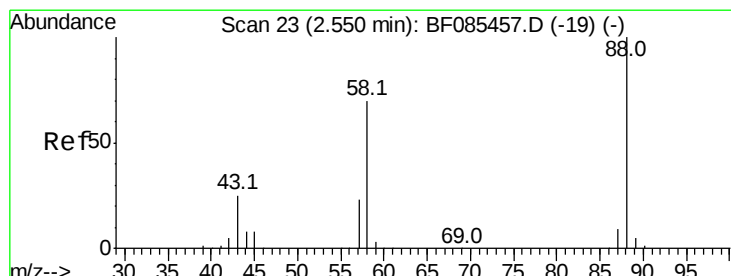
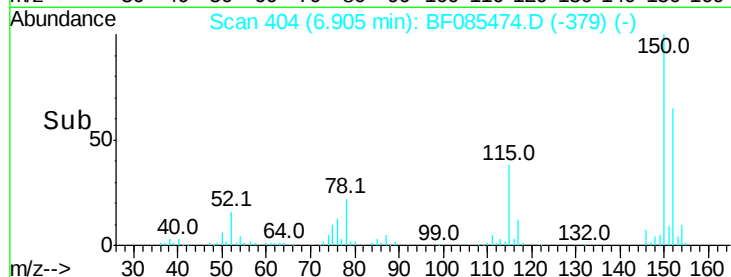
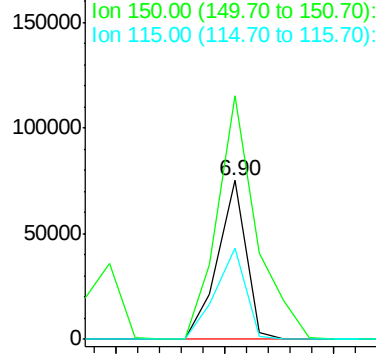


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

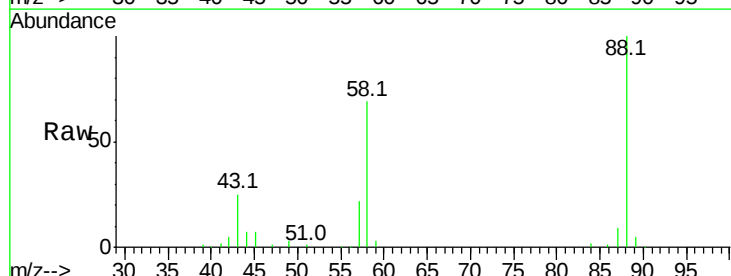
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 67.00 ng
RT: 2.58 min Scan# 26
Delta R.T. 0.03 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	57.0	85.6
43	25.3	20.5	30.7

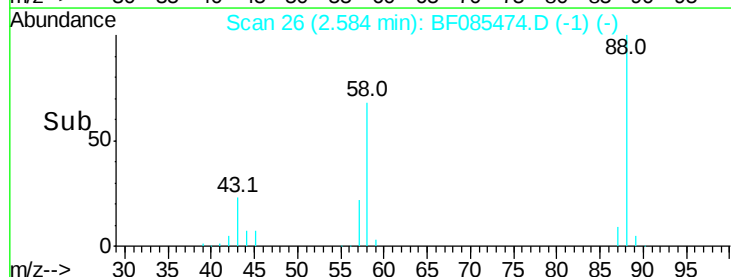
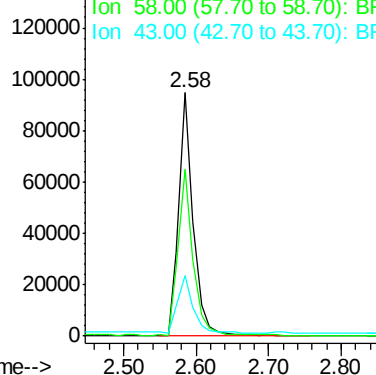


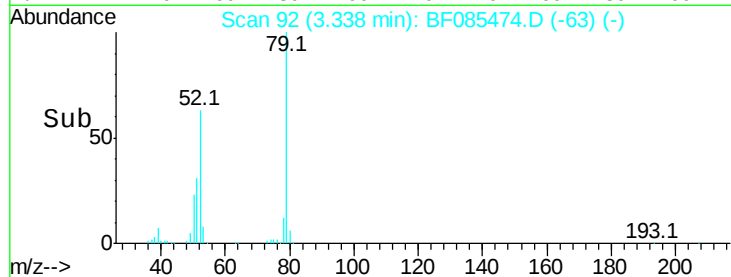
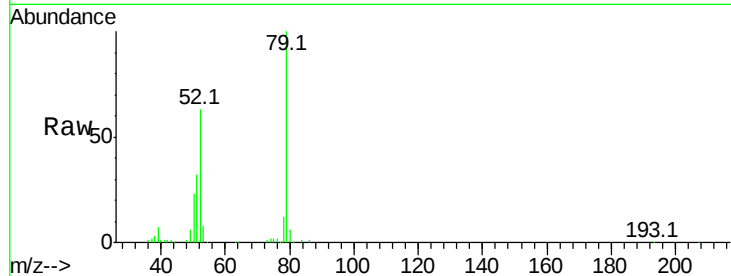
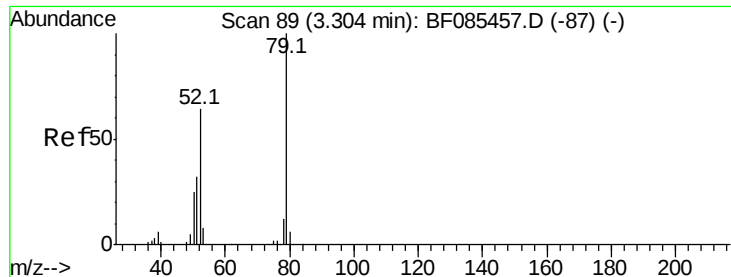
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





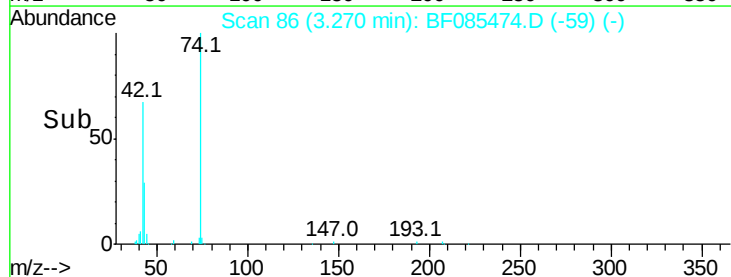
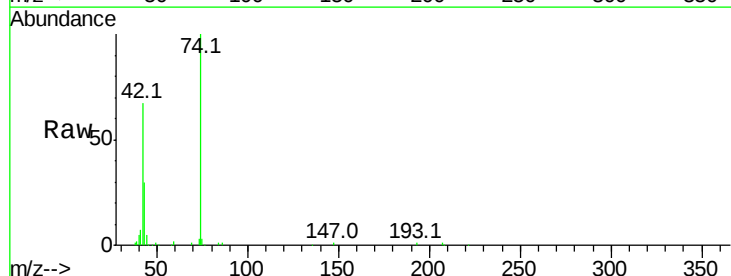
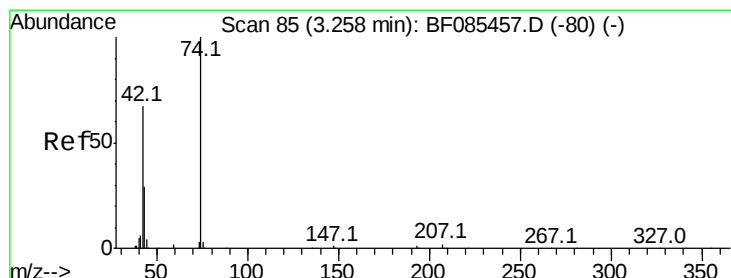
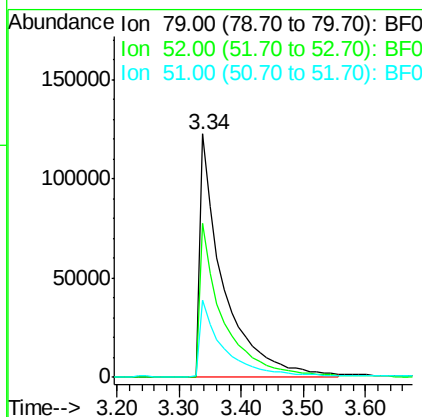
#3
Pvridine
Concen: 67.98 ng
RT: 3.34 min Scan# 92
Delta R.T. 0.03 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	320672		
52	52	63.3		52.6	79.0
51	51	31.8		25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

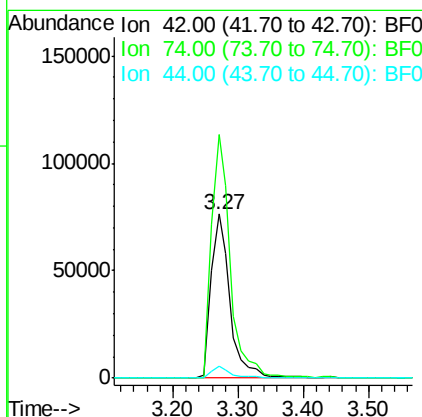
Manual Integrations
APPROVED

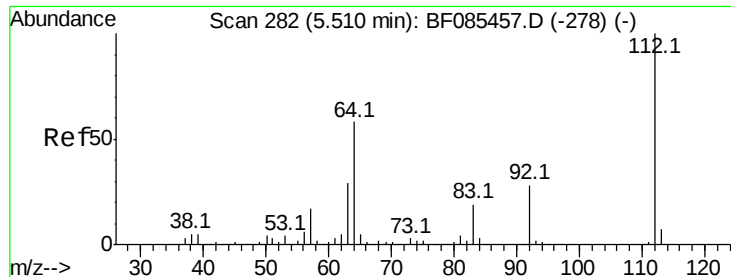
Sohil
3/17/2016 5:20:06 PM



#4
n-Nitrosodimethylamine
Concen: 72.34 ng
RT: 3.27 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	157584		
74	74	148.3		116.8	175.2
44	44	6.9		5.5	8.3





#5

2-Fluorophenol

Concen: 228.60 ng

RT: 5.51 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

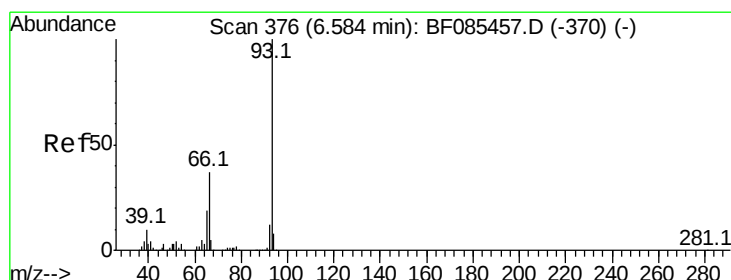
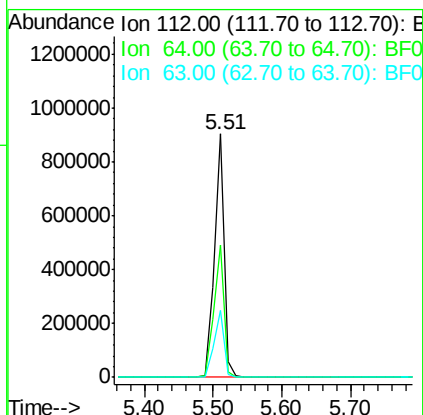
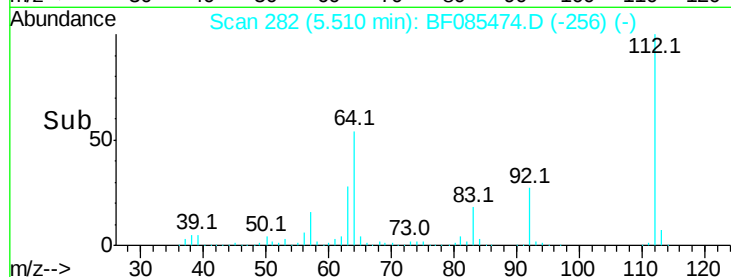
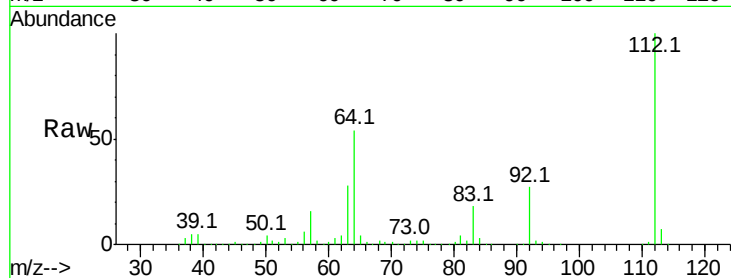
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	112	Resp:	910287
Ion Ratio	Lower	Upper	
112	100		
64	54.5	49.0	73.4
63	27.5	24.8	37.2

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#6

Aniline

Concen: 61.80 ng

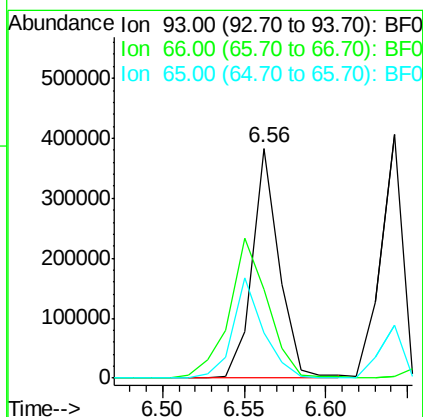
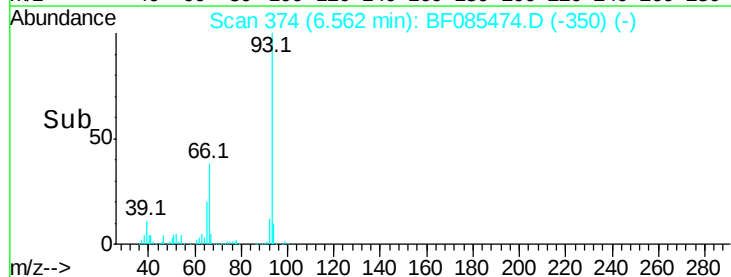
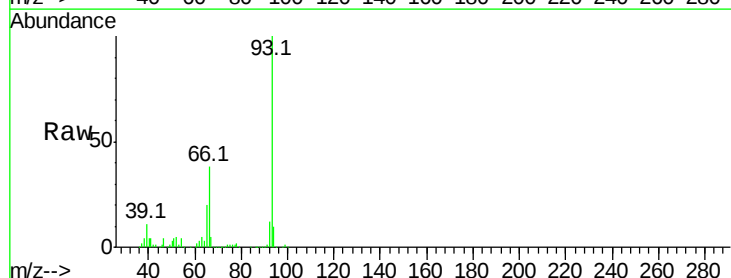
RT: 6.56 min Scan# 374

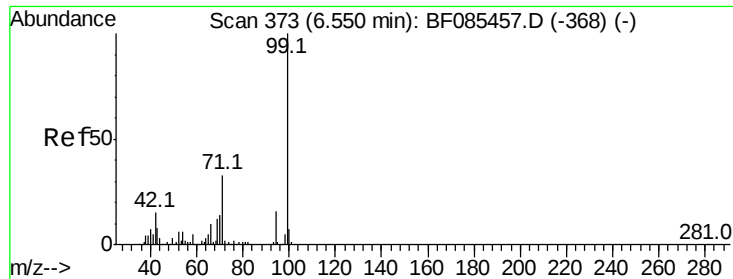
Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	93	Resp:	440629
Ion Ratio	Lower	Upper	
93	100		
66	38.5	31.6	47.4
65	19.8	15.8	23.8





#7

Phenol-d6

Concen: 233.40 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tot Ion: 99 Resp: 1205599

Ion Ratio Lower Upper

99 100

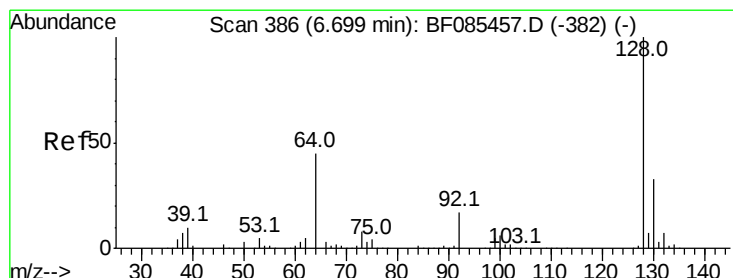
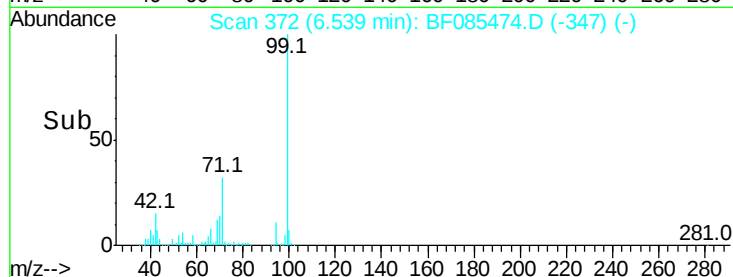
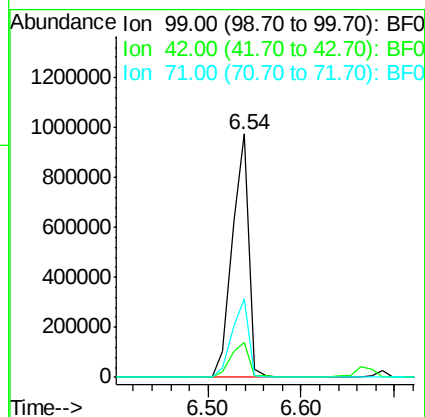
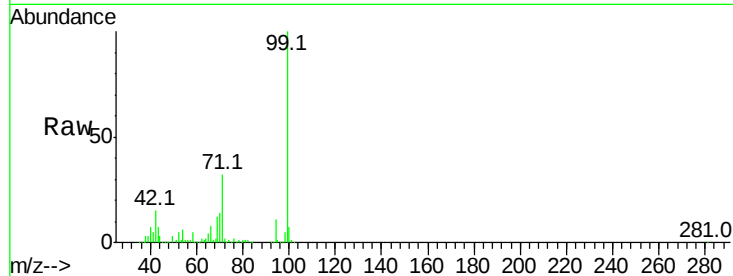
42 14.6 13.6 20.4

71 32.2 26.7 40.1

Manual Integrations
APPROVED

Sohil

3/17/2016 5:20:06 PM



#8

2-Chlorophenol

Concen: 81.69 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

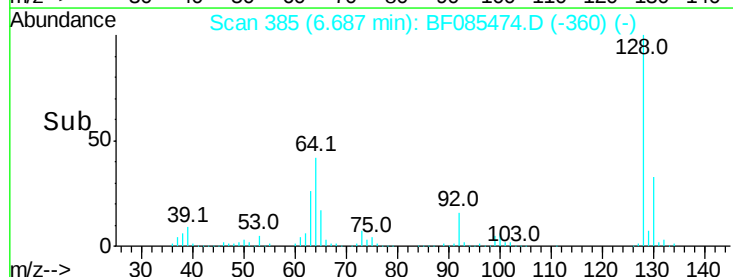
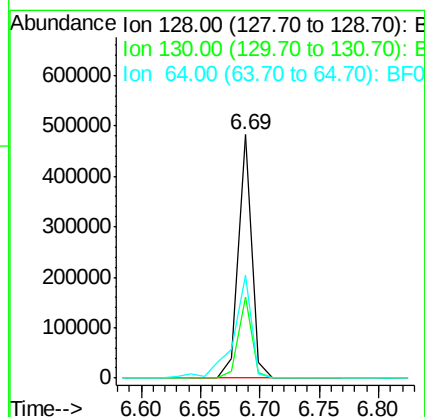
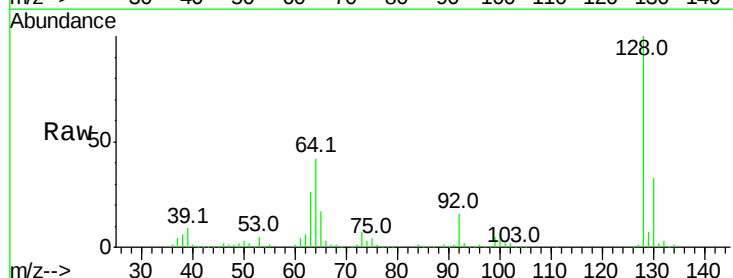
Tgt Ion:128 Resp: 381382

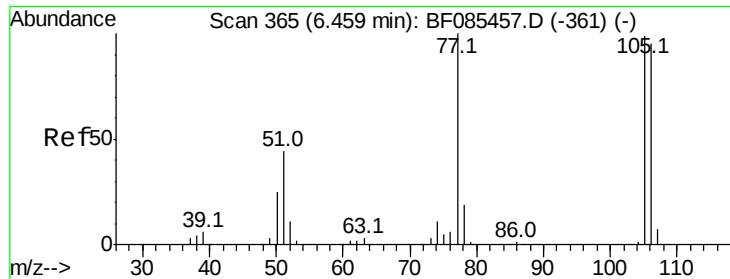
Ion Ratio Lower Upper

128 100

130 33.2 13.3 53.3

64 42.5 25.7 65.7





#9

Benzaldehyde

Concen: 26.53 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

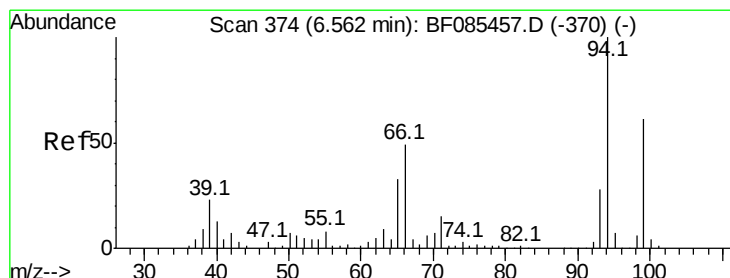
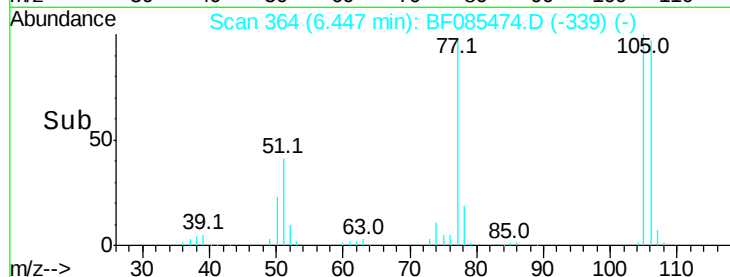
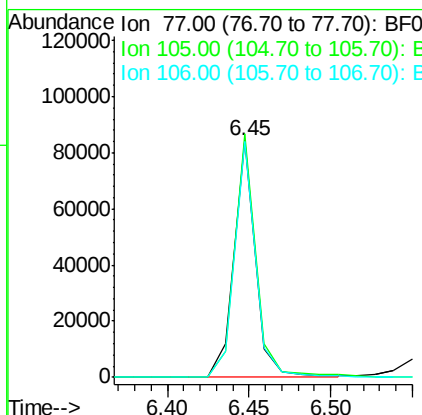
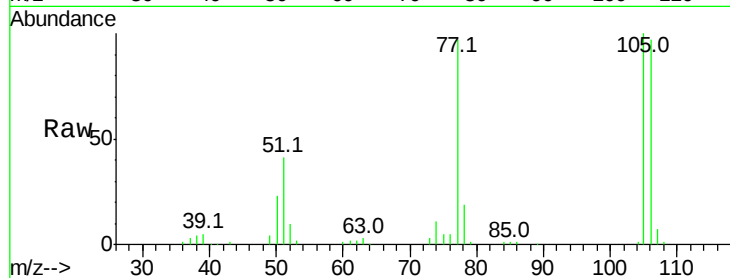
ClientSampleId :

SB-1(8-9)MSD

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

Tot Ion:	77	Resp:	76514
Ion	Ratio	Lower	Upper
77	100		
105	102.7	78.2	118.2
106	99.4	72.9	112.9



#10

Phenol

Concen: 93.23 ng

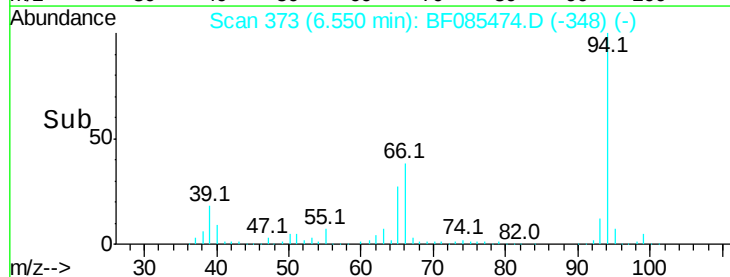
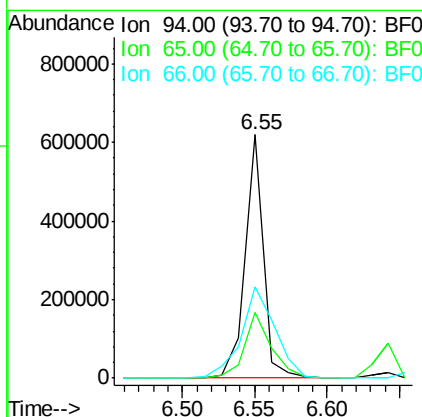
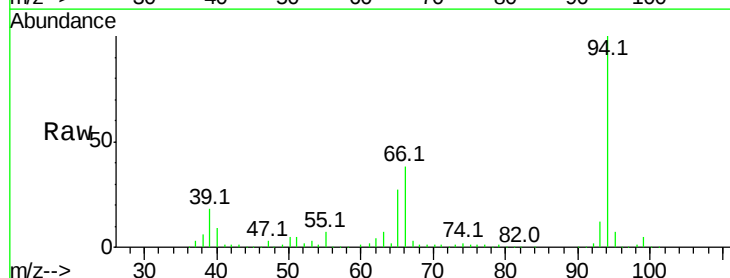
RT: 6.55 min Scan# 373

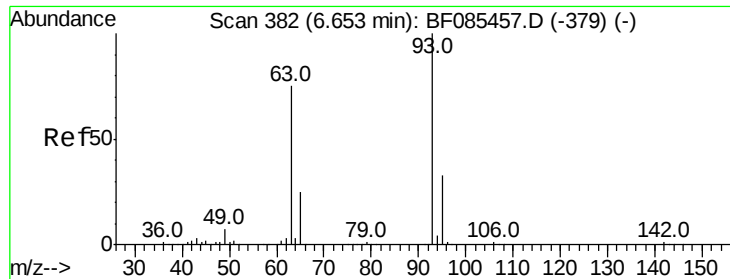
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	94	Resp:	539789
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.1	49.1
66	37.5	19.3	59.3





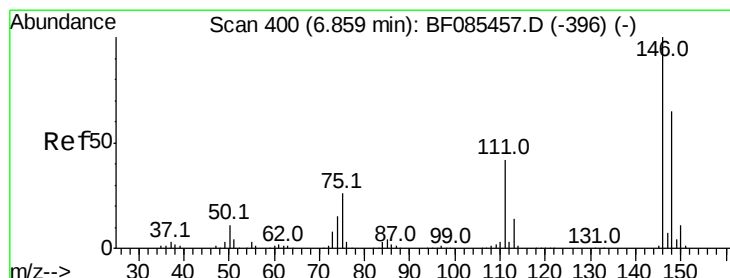
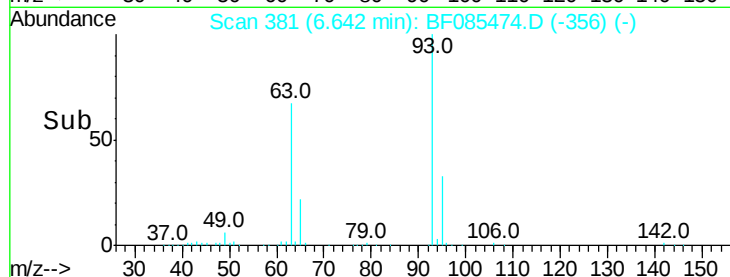
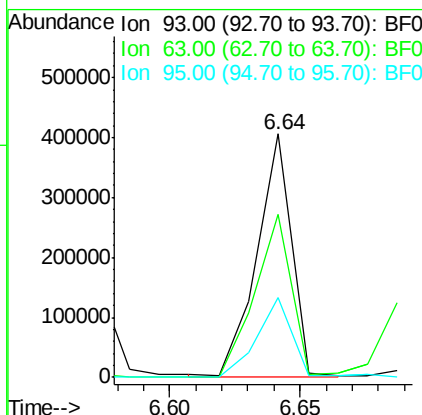
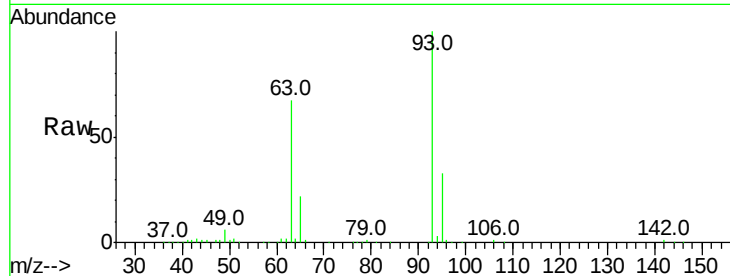
#11
bis(2-Chloroethyl)ether
Concen: 84.13 ng
RT: 6.64 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	374566		
63	67.1		50.9	90.9
95	33.0		13.7	53.7

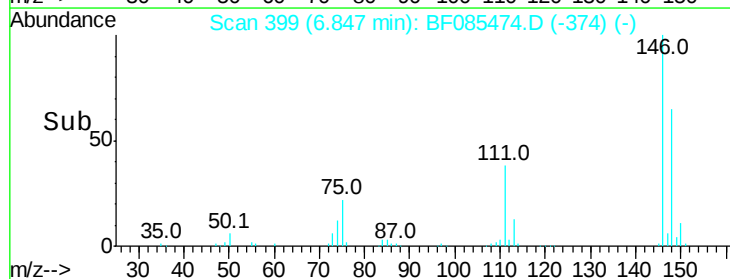
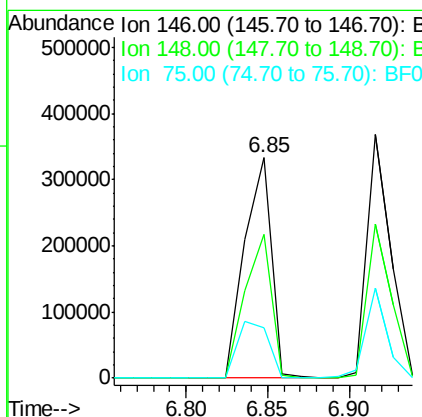
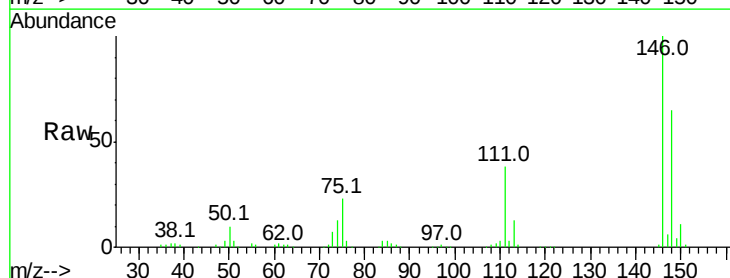
Manual Integrations
APPROVED

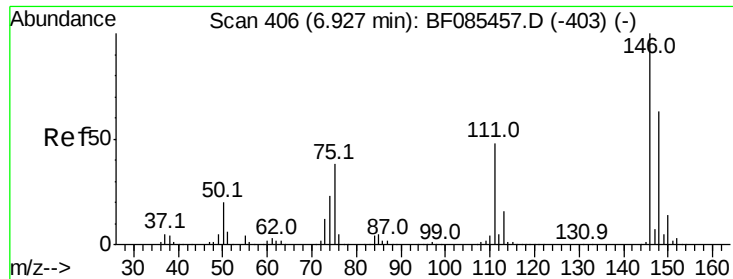
Sohil
3/17/2016 5:20:06 PM



#12
1,3-Dichlorobenzene
Concen: 73.50 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	380341		
148	65.2		52.1	78.1
75	22.9		19.5	29.3





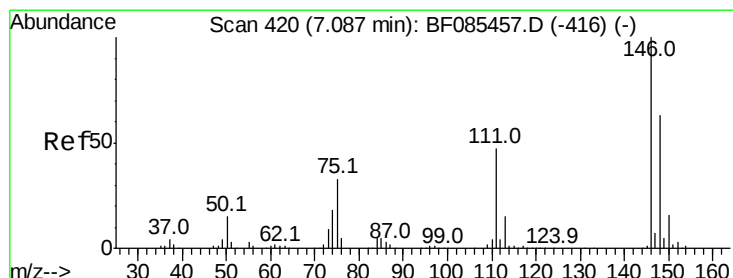
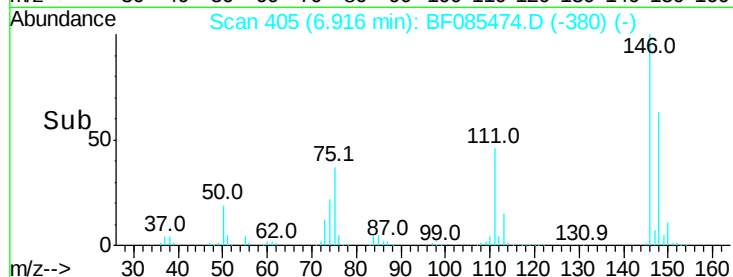
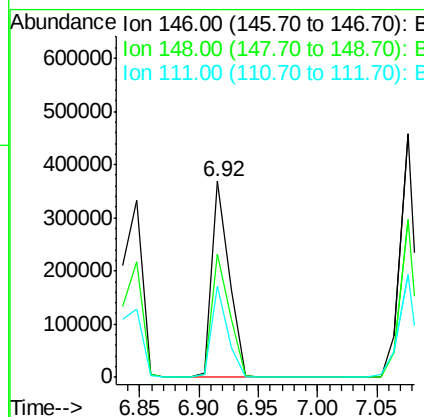
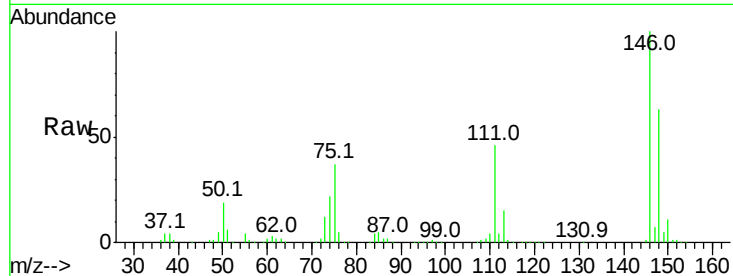
#13
 1,4-Dichlorobenzene
 Concen: 72.62 ng
 RT: 6.92 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	46.4	38.4	57.6

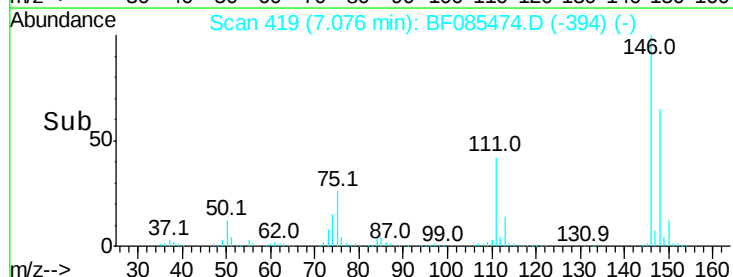
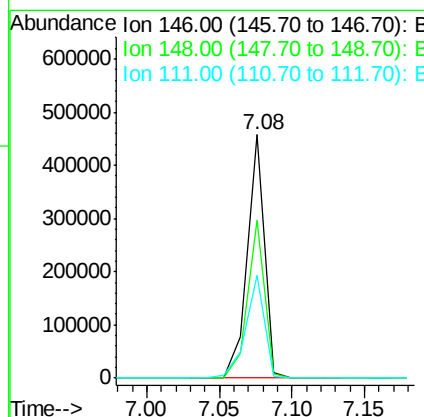
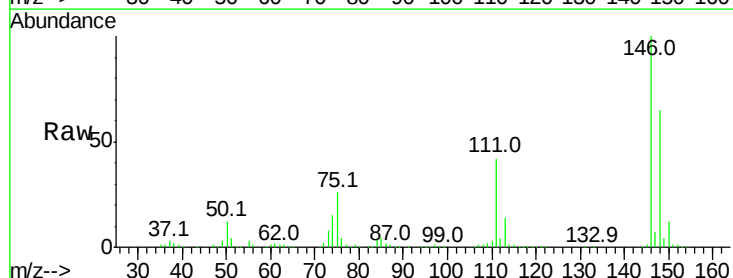
Manual Integrations
 APPROVED

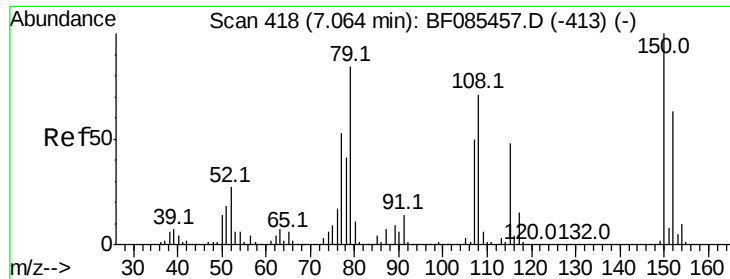
Sohil
 3/17/2016 5:20:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 82.88 ng
 RT: 7.08 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	42.1	36.7	55.1





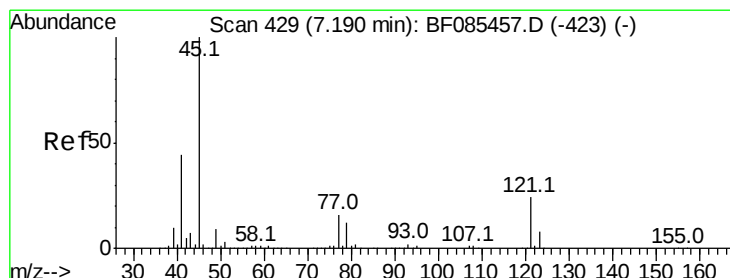
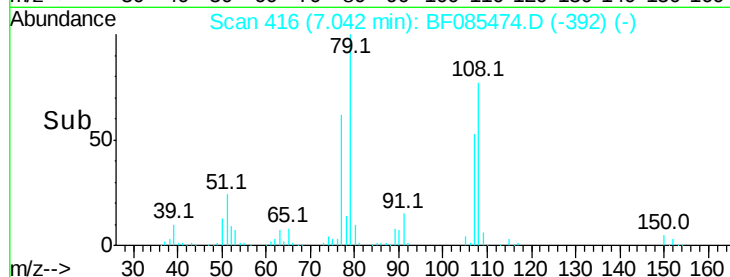
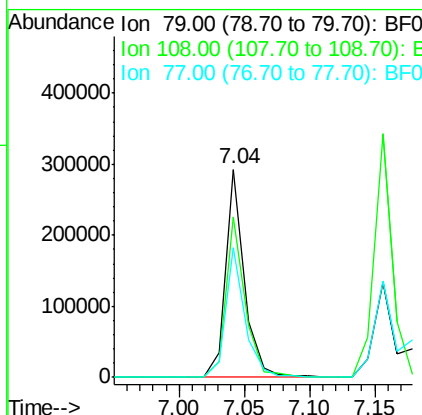
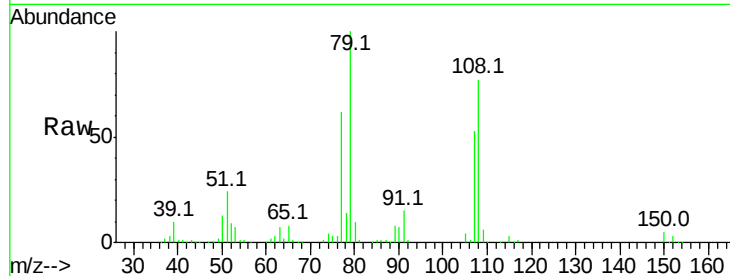
#15
Benzyl Alcohol
Concen: 79.74 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	294170		
108	76.9	62.9	94.3	
77	61.9	49.5	74.3	

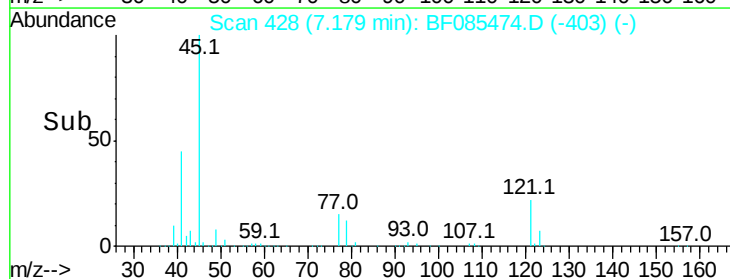
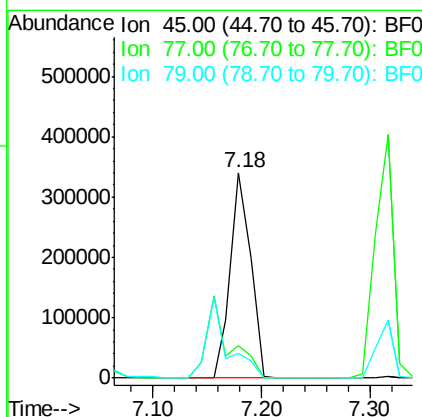
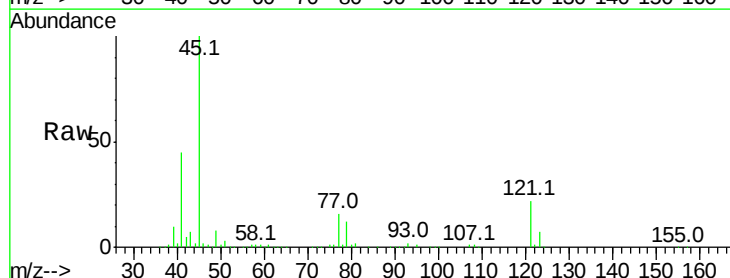
Manual Integrations
APPROVED

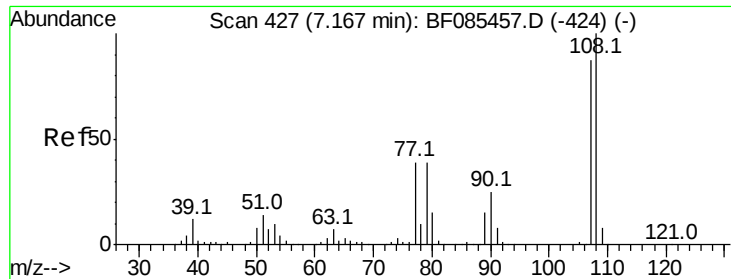
Sohil
3/17/2016 5:20:06 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 72.59 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	440122		
77	15.5	0.0	35.1	
79	11.9	0.0	31.3	





#17

2-Methylphenol

Concen: 74.44 ng

RT: 7.16 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

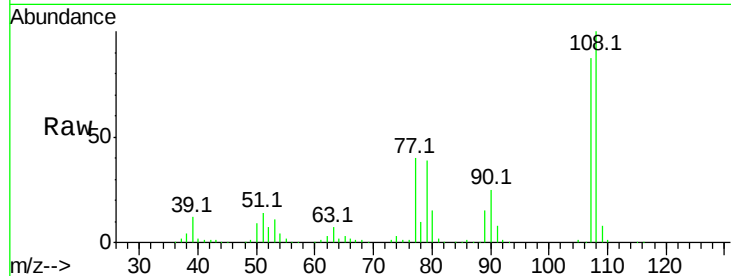
ClientSampleId :

SB-1(8-9)MSD

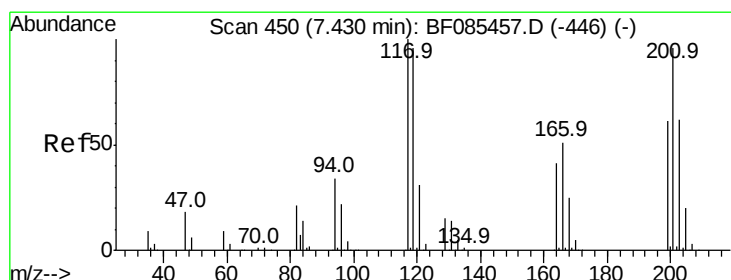
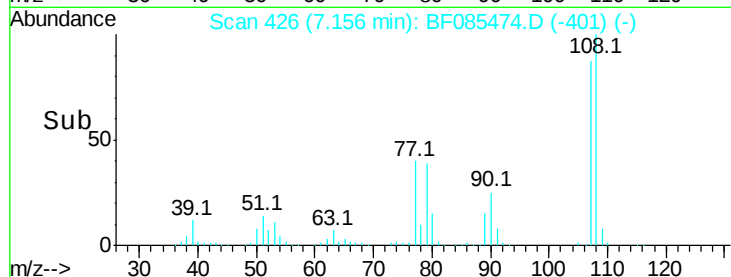
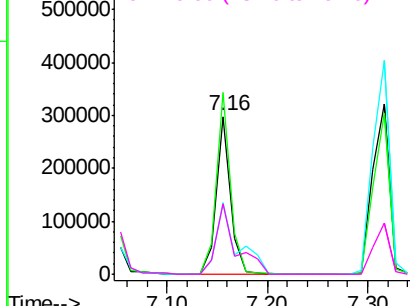
Tot Ion:	107	Resp:	290967
Ion Ratio	Lower	Upper	
107	100		
108	115.1	90.9	136.3
77	45.7	32.6	48.8
79	44.9	32.8	49.2

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 76.20 ng

RT: 7.42 min Scan# 449

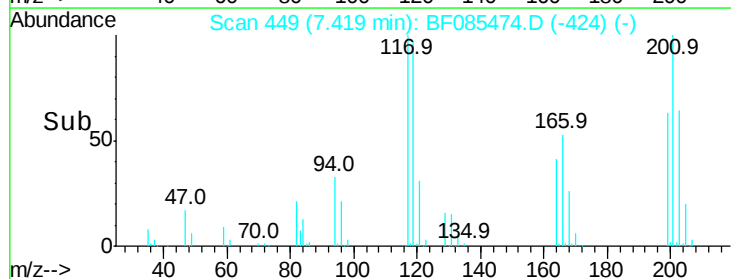
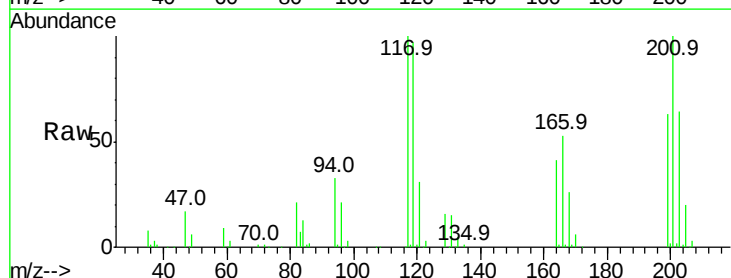
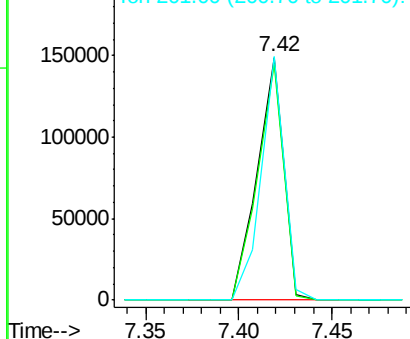
Delta R.T. -0.01 min

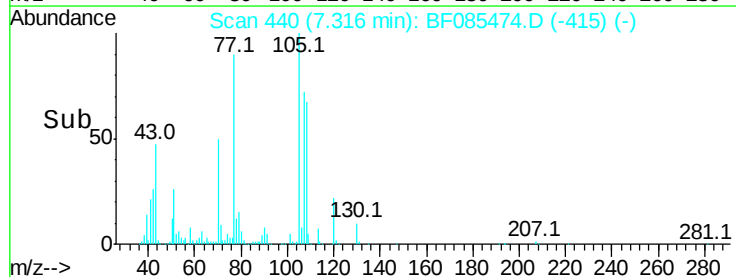
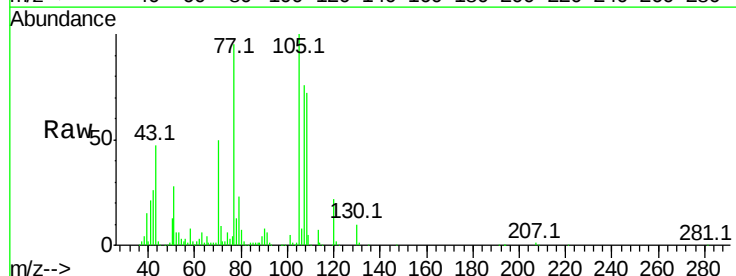
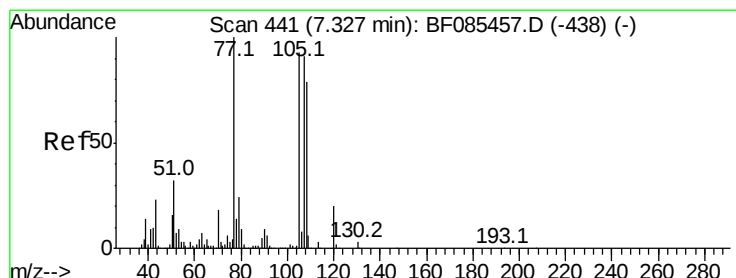
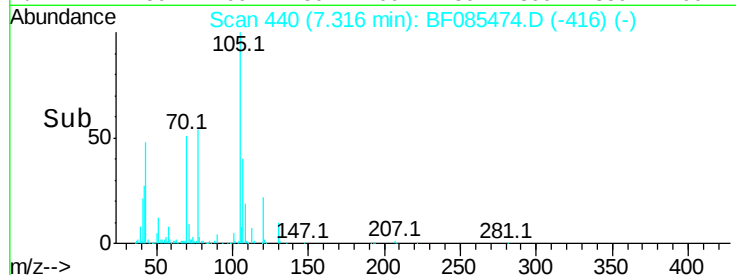
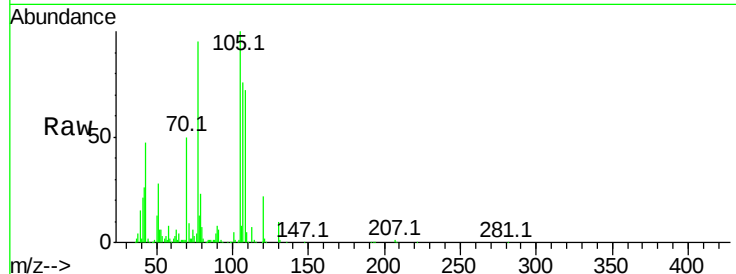
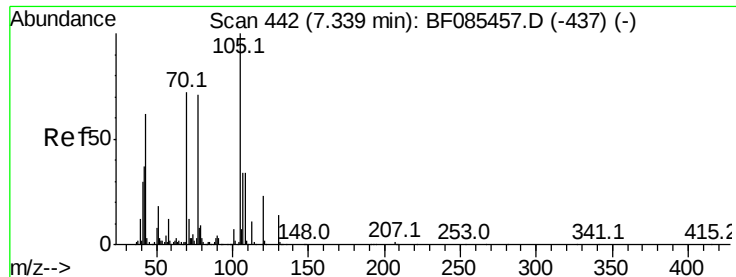
Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	117	Resp:	144895
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.2	117.4
201	100.4	72.0	108.0

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





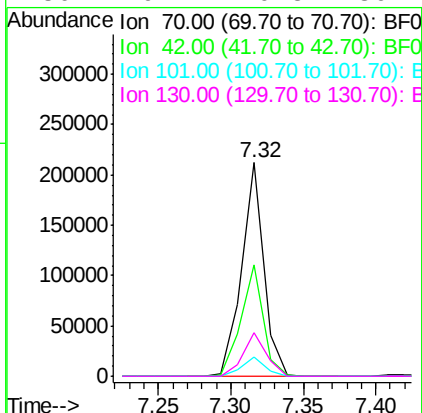
#19
n-Nitroso-di-n-propylamine
Concen: 72.92 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	37.7	56.5
101	9.2	8.2	12.4
130	20.2	20.5	30.7#

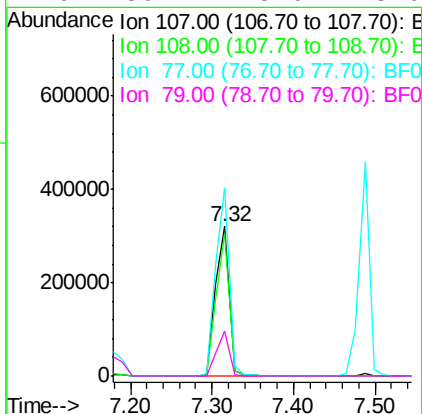
Manual Integrations
APPROVED

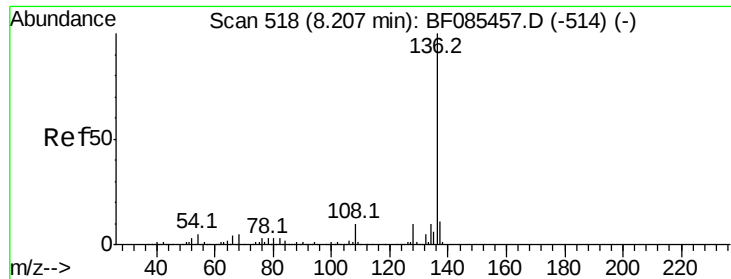
Sohil
3/17/2016 5:20:06 PM



#20
3+4-Methylphenols
Concen: 87.95 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.8	108.8
77	125.7	53.6	93.6#
79	30.1	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

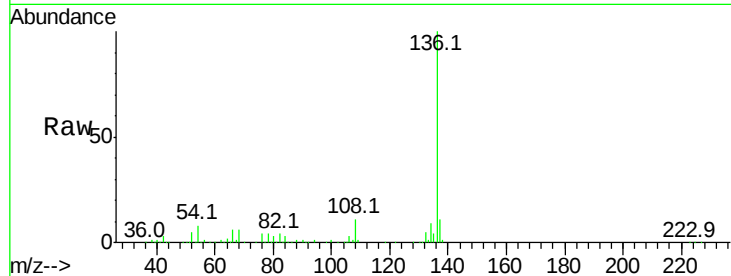
ClientSampleId :

SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	267592		
137	11.3	9.3	13.9	
54	8.3	7.4	11.2	
68	6.4	6.0	9.0	

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

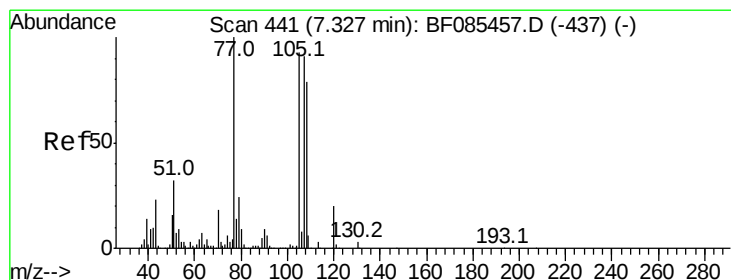
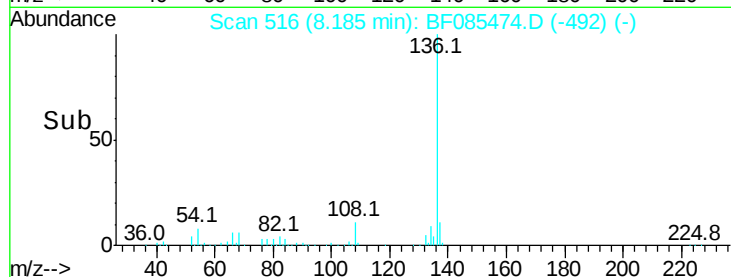
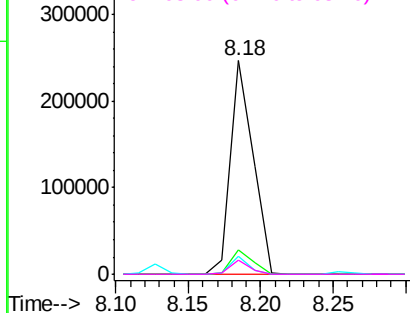


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 71.47 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

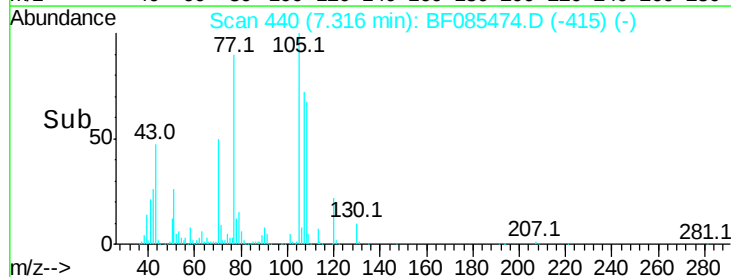
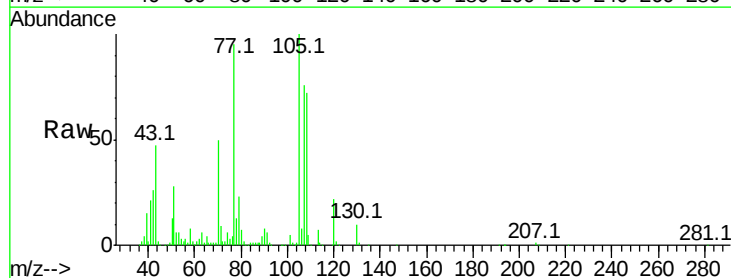
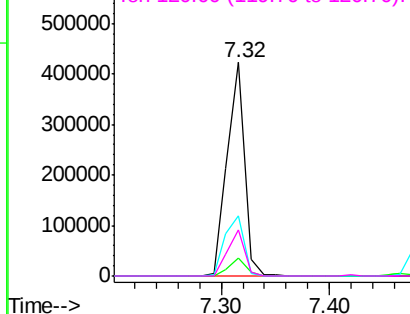
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468626		
71	8.6	4.1	6.1#	
51	28.2	21.1	31.7	
120	21.5	17.3	25.9	

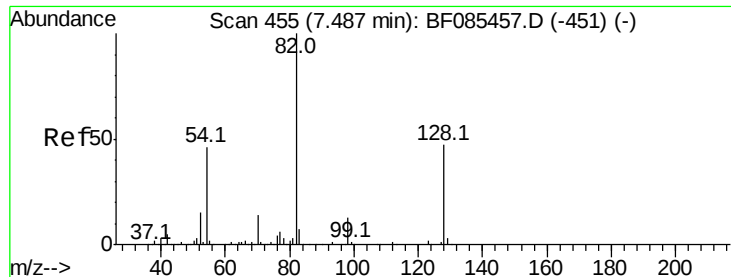
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





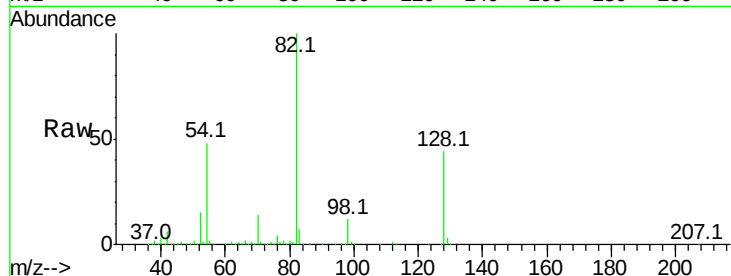
#23
 Nitrobenzene-d5
 Concen: 163.15 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

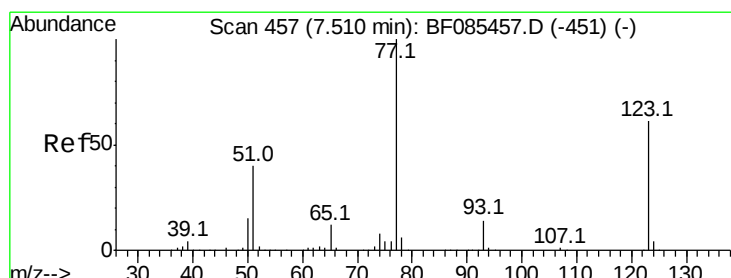
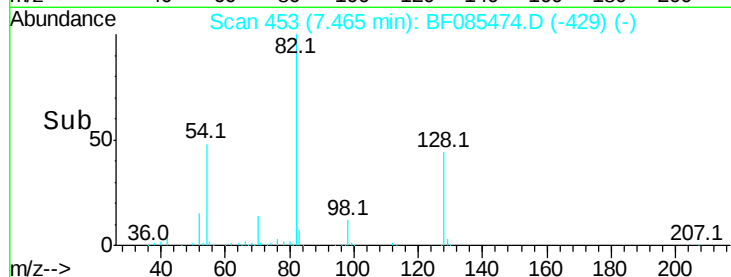
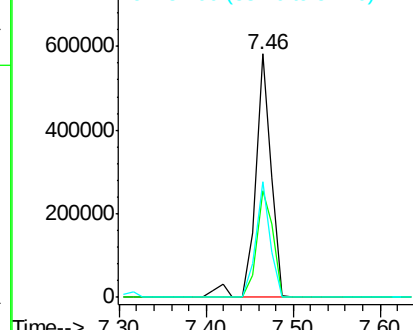
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	34.5	51.7	
54	47.5	39.3	58.9	

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM

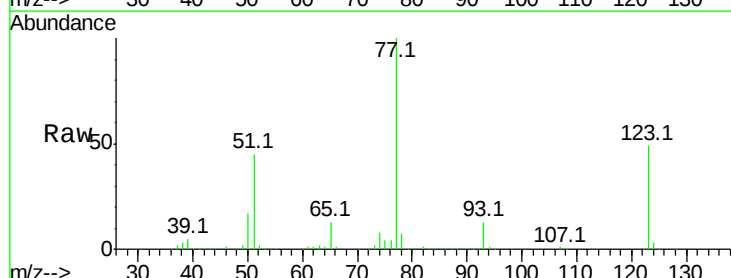


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

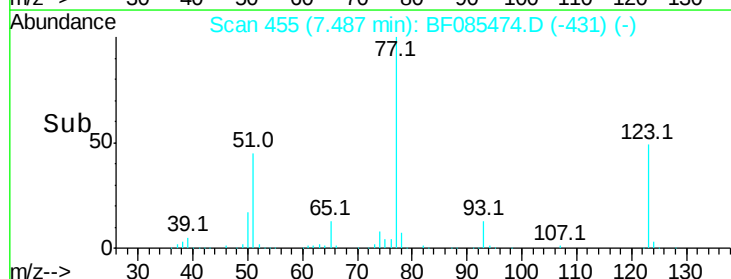
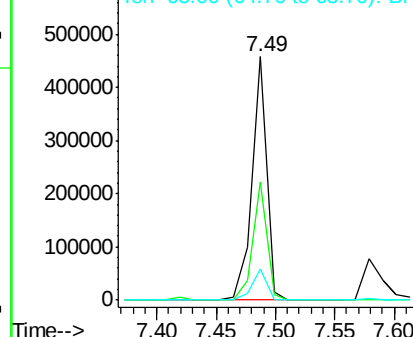


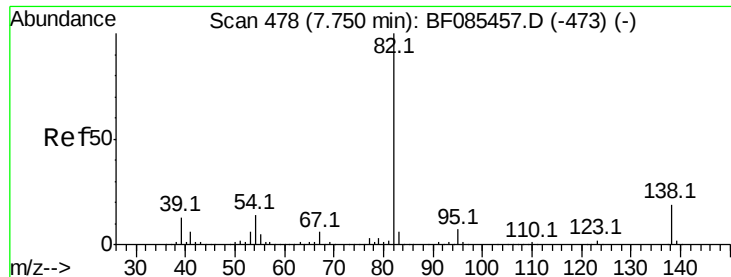
#24
 Nitrobenzene
 Concen: 77.68 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.7	35.4	53.2	
65	13.0	10.6	16.0	



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: 76.03 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

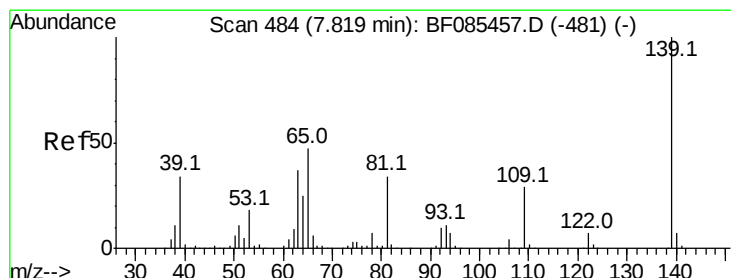
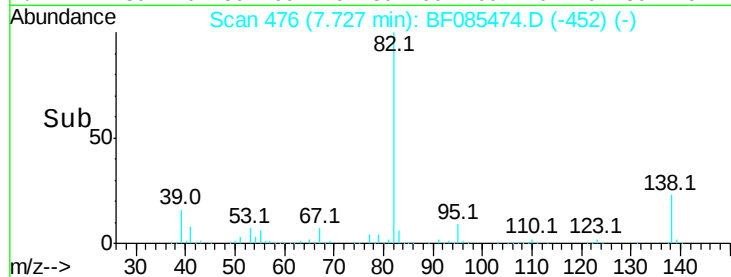
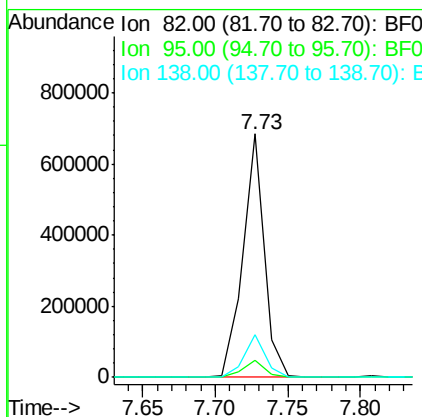
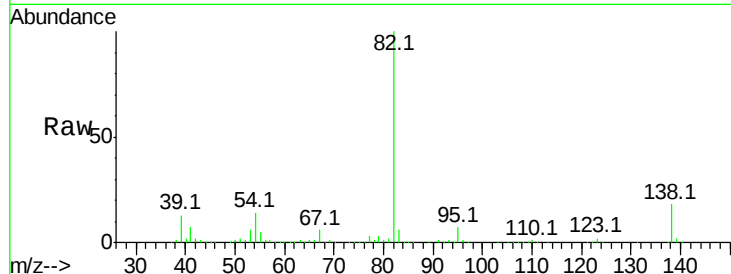
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	82	Resp:	701713
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.6	13.3	19.9

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#26

2-Nitrophenol

Concen: 84.94 ng

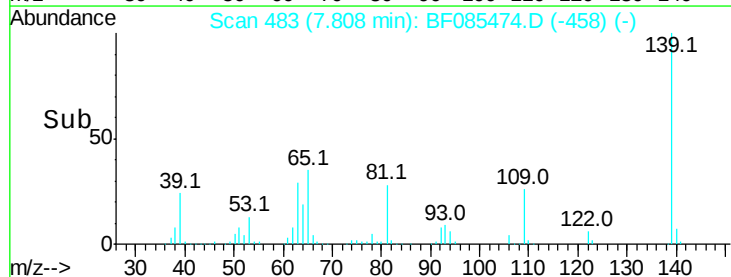
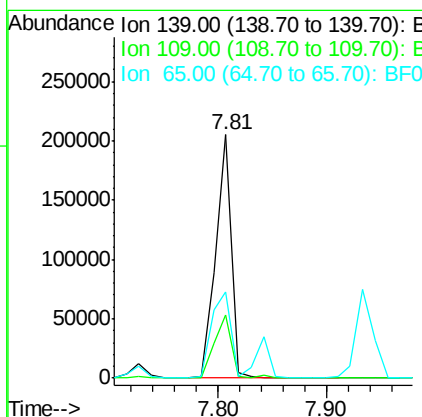
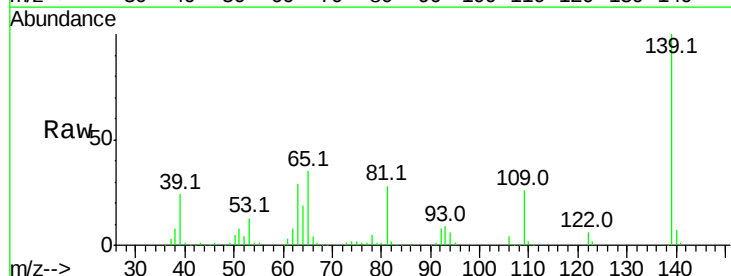
RT: 7.81 min Scan# 483

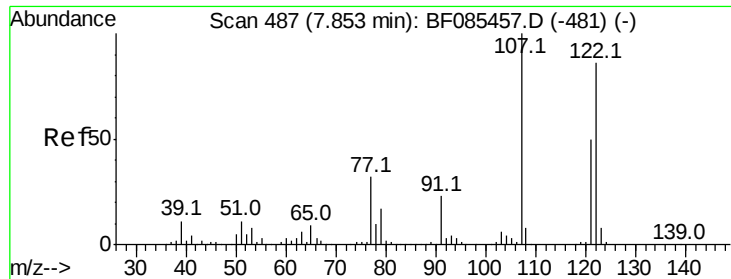
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	139	Resp:	207502
Ion Ratio	Lower	Upper	
139	100		
109	25.9	19.1	28.7
65	35.4	23.9	35.9





#27

2,4-Dimethylphenol

Concen: 81.42 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

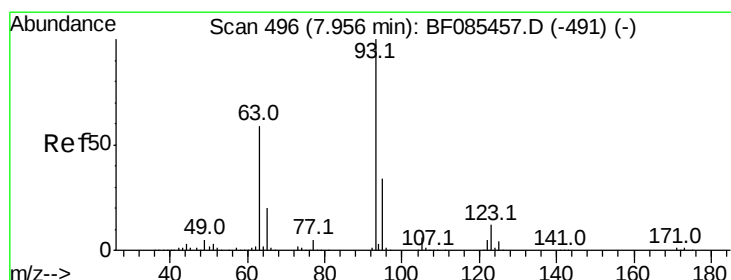
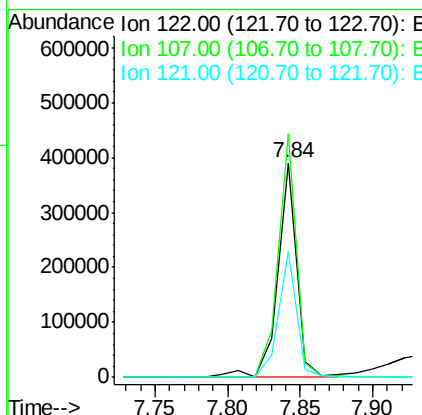
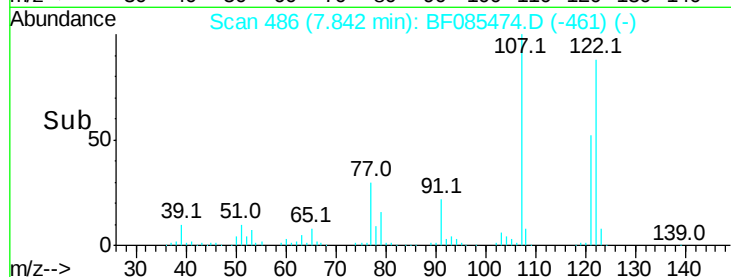
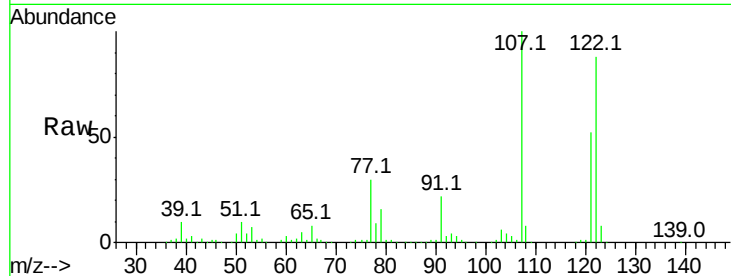
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	122	Resp:	353764
Ion Ratio	Lower	Upper	
122	100		
107	113.5	84.8	127.2
121	58.6	47.0	70.6

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 72.26 ng

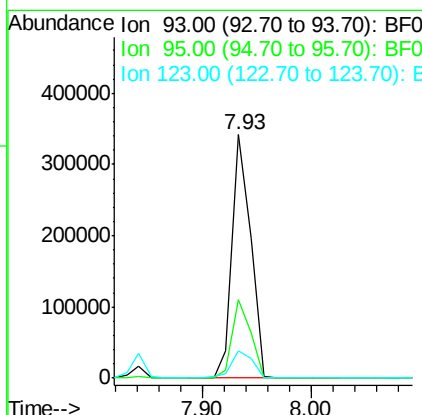
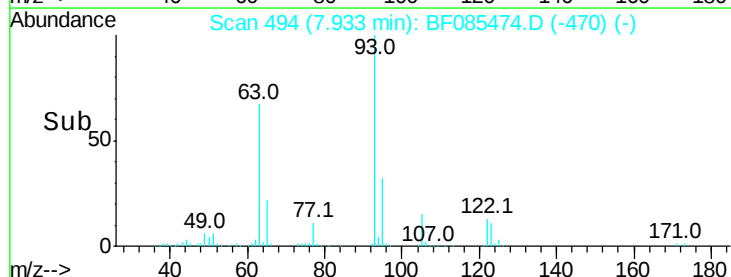
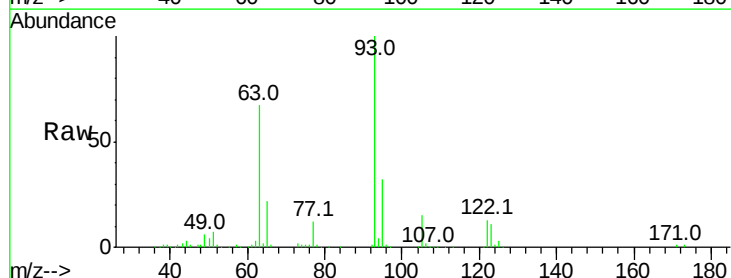
RT: 7.93 min Scan# 494

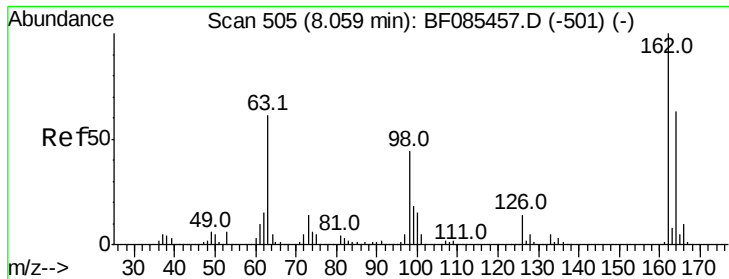
Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	93	Resp:	398736
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.9	38.9
123	11.0	8.8	13.2





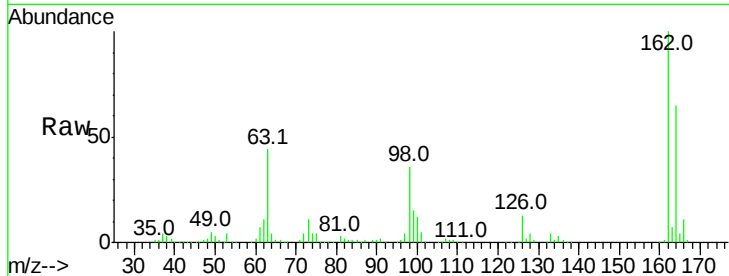
#29
 2,4-Dichlorophenol
 Concen: 85.95 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

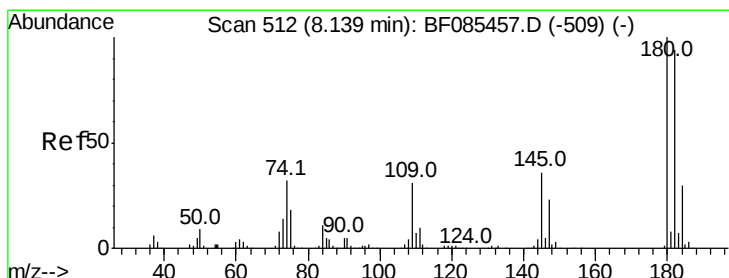
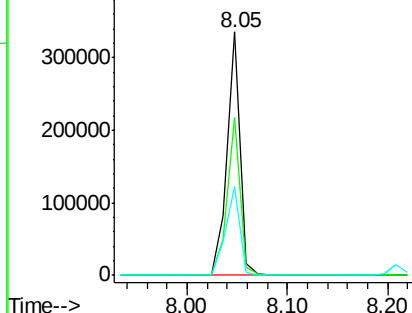
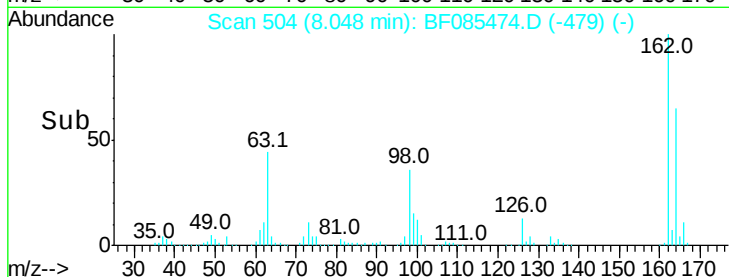
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	45.7	85.7
98	36.3	9.4	49.4

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM

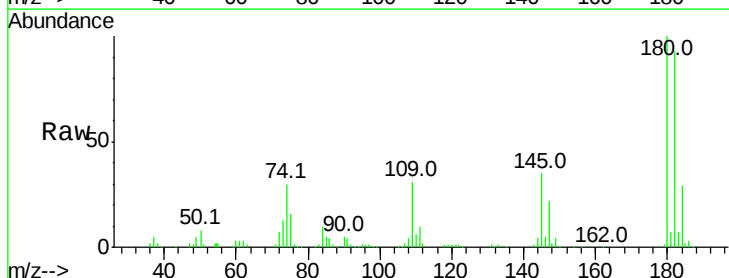


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

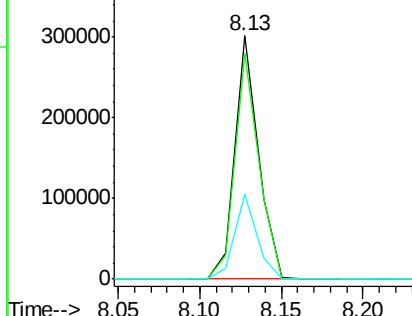
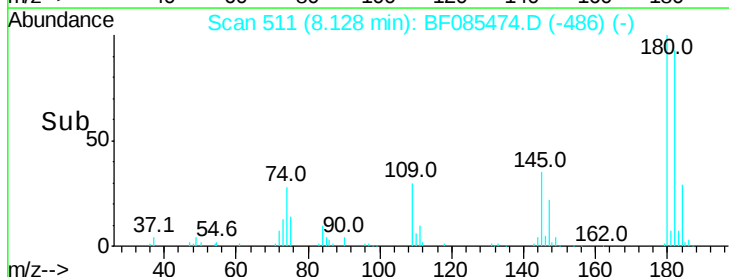


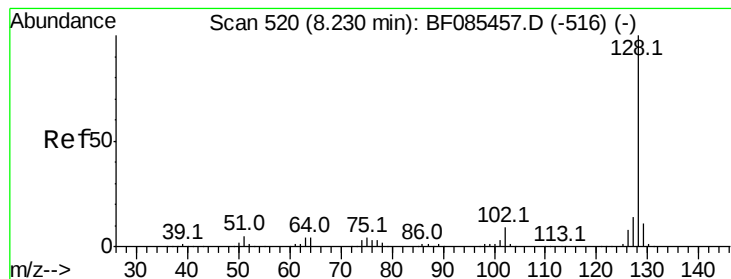
#30
 1,2,4-Trichlorobenzene
 Concen: 73.21 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.6	74.9	112.3
145	34.8	27.9	41.9



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: 75.16 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

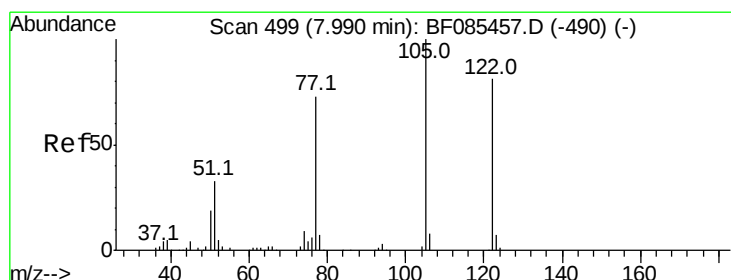
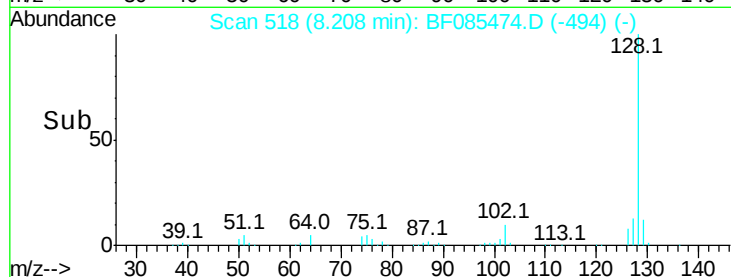
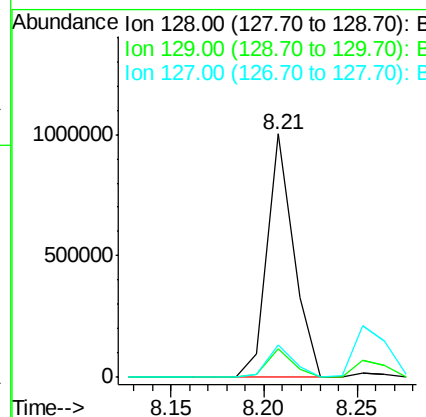
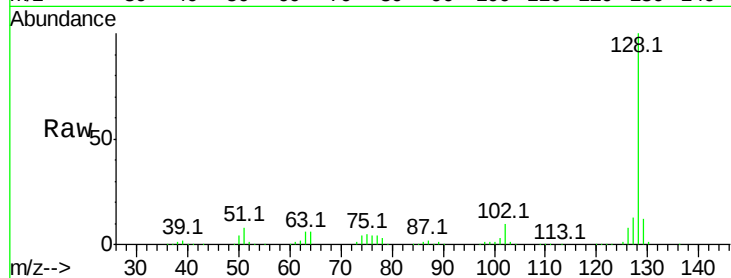
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	128	Resp:	982812
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.7	14.5
127	13.4	11.2	16.8

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#32

Benzoic acid

Concen: 40.05 ng

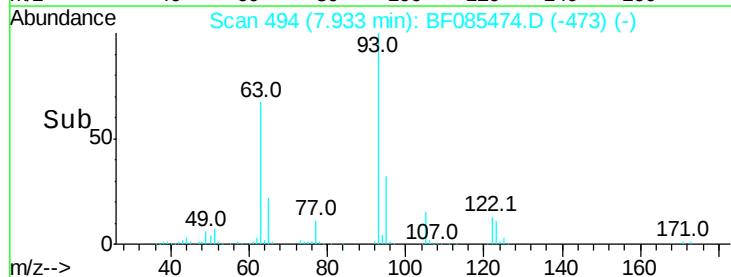
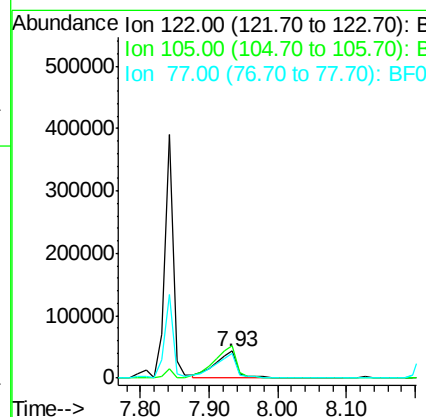
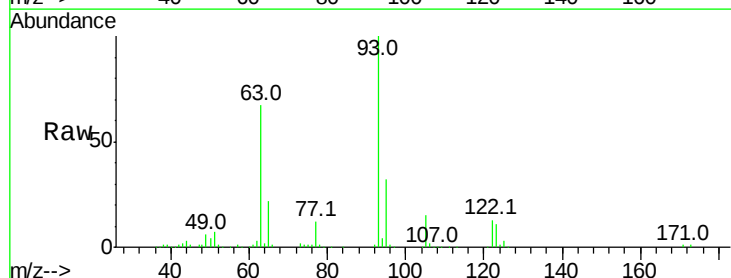
RT: 7.93 min Scan# 494

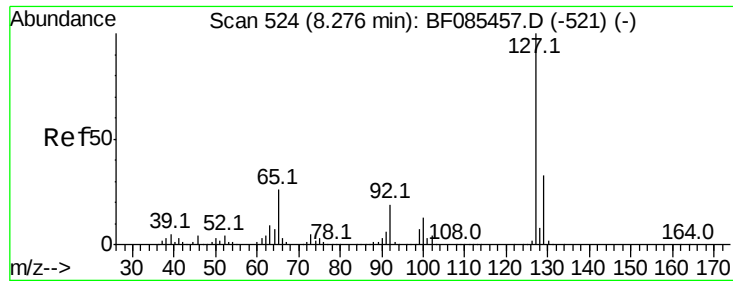
Delta R.T. -0.06 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	122	Resp:	100072
Ion Ratio	Lower	Upper	
122	100		
105	122.4	101.3	141.3
77	92.0	74.7	114.7





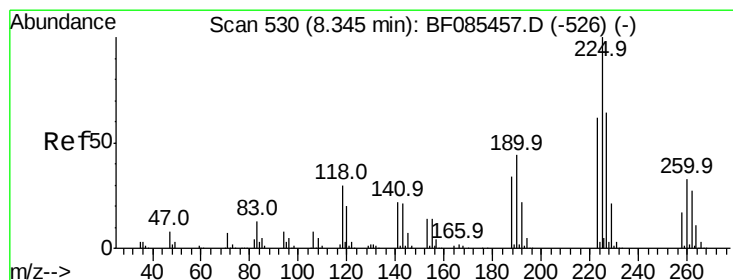
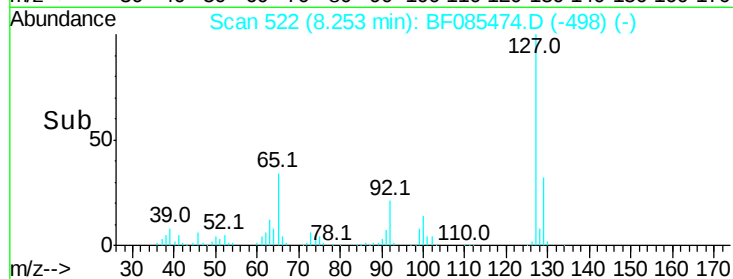
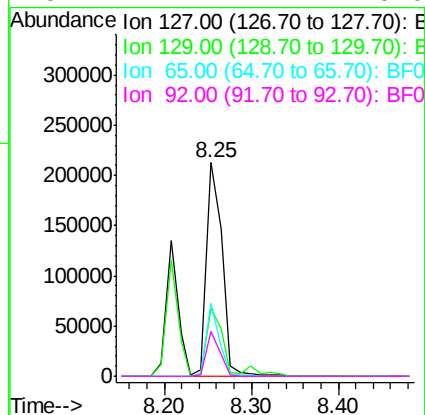
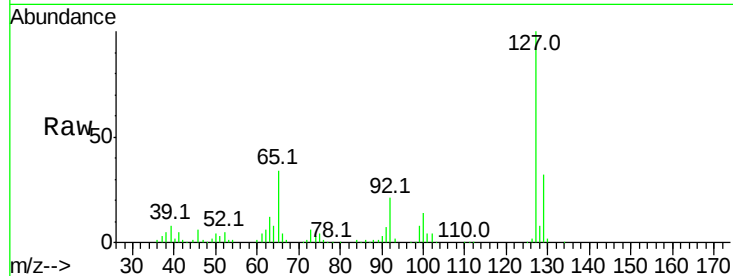
#33
4-Chloroaniline
Concen: 47.30 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.1	39.1	
65	34.2	27.0	40.6	
92	21.2	17.4	26.0	

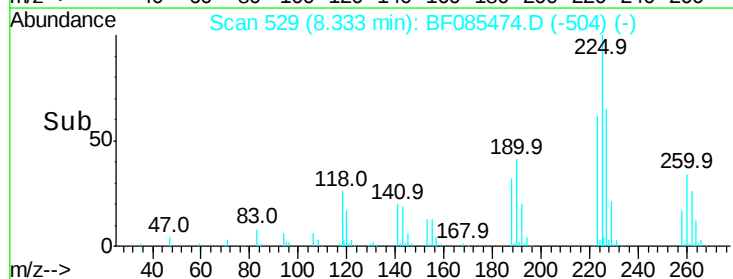
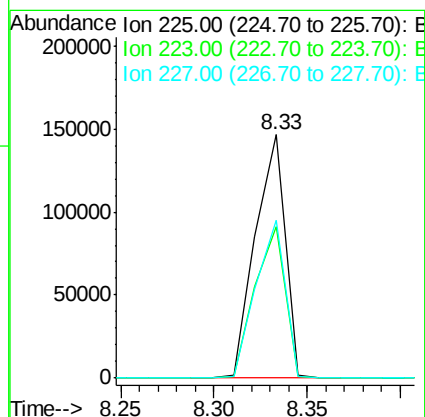
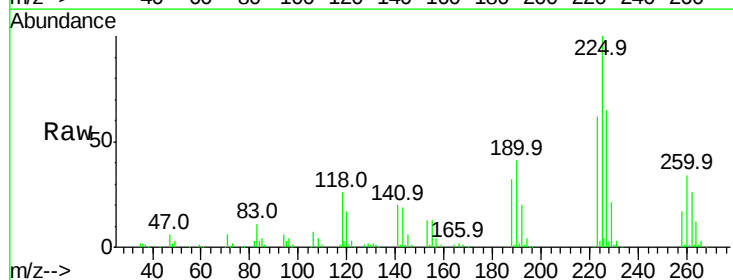
Manual Integrations
APPROVED

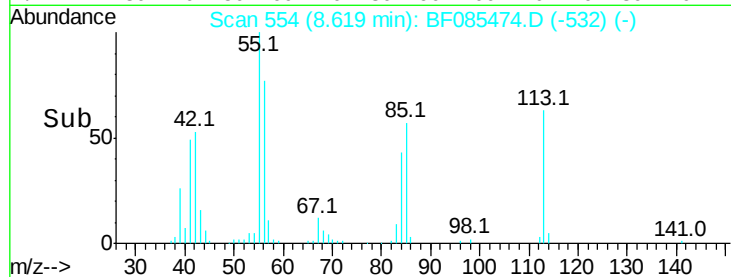
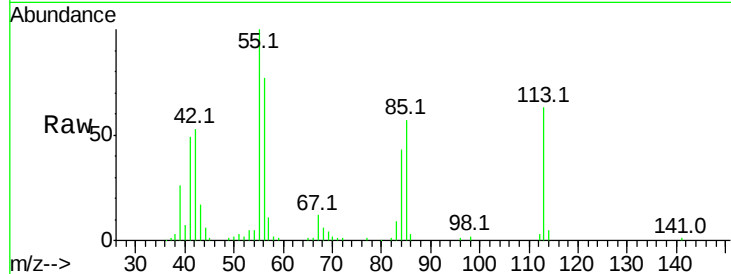
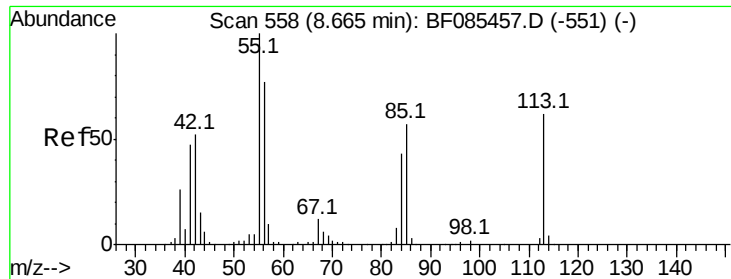
Sohil
3/17/2016 5:20:06 PM



#34
Hexachlorobutadiene
Concen: 75.59 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	49.7	74.5	
227	64.7	52.2	78.4	





#35

Caprolactam

Concen: 80.44 ng

RT: 8.62 min Scan# 554

Delta R.T. -0.05 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tot Ion:	113	Resp:	92590
Ion	Ratio	Lower	Upper
113	100		
55	158.5	152.7	192.7
56	122.7	109.0	149.0

Instrument :

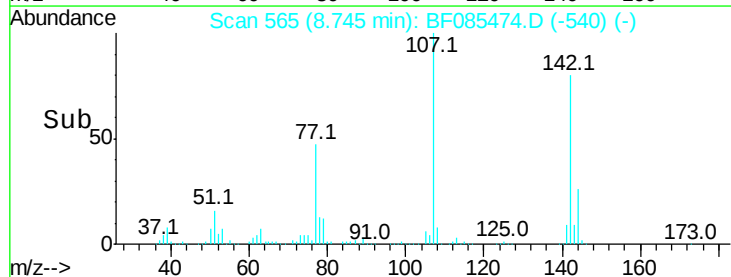
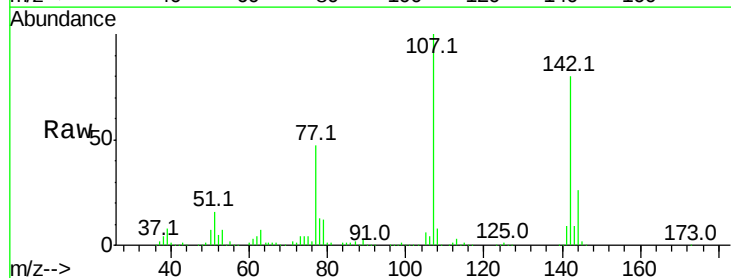
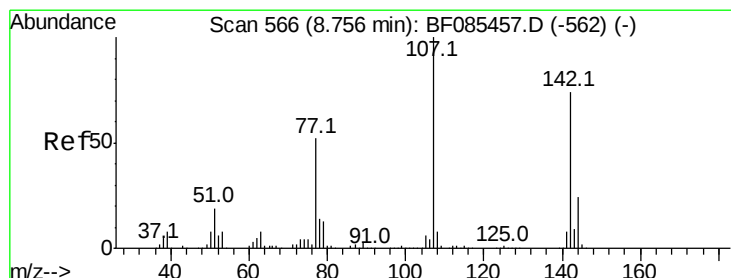
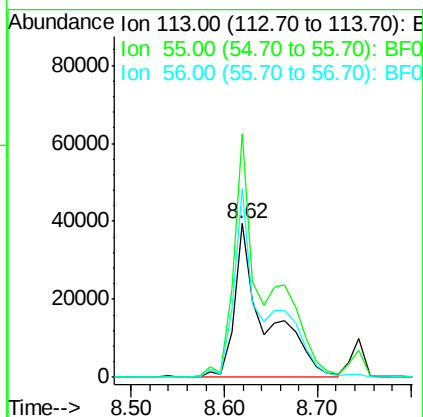
BNA_F

ClientSampleId :

SB-1(8-9)MSD

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#36

4-Chloro-3-methylphenol

Concen: 84.90 ng

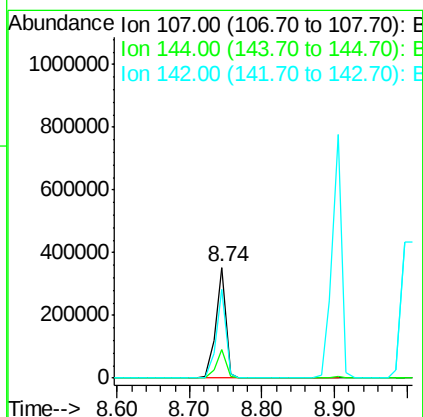
RT: 8.74 min Scan# 565

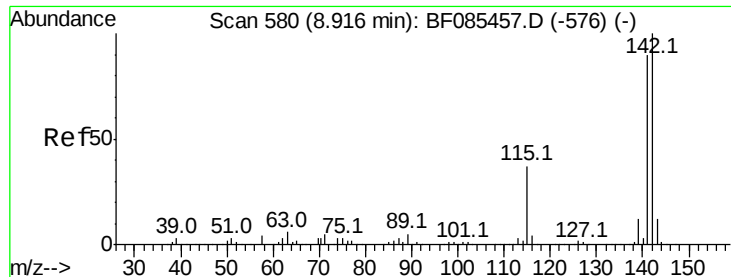
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	107	Resp:	341732
Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.4	29.2
142	79.9	59.4	89.2





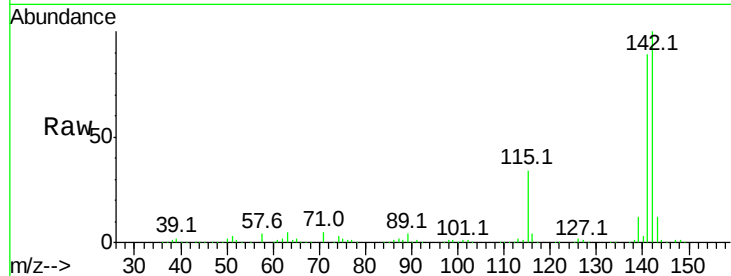
#37
2-Methylnaphthalene
Concen: 87.14 ng
RT: 8.90 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	34.2	26.2	39.4

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

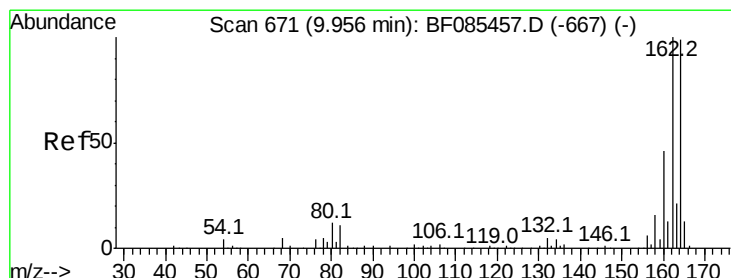
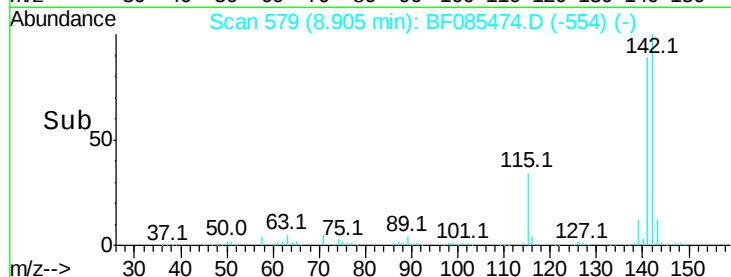
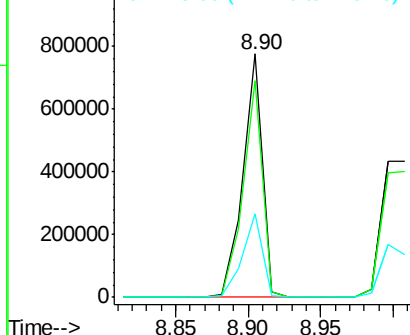


Abundance

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: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

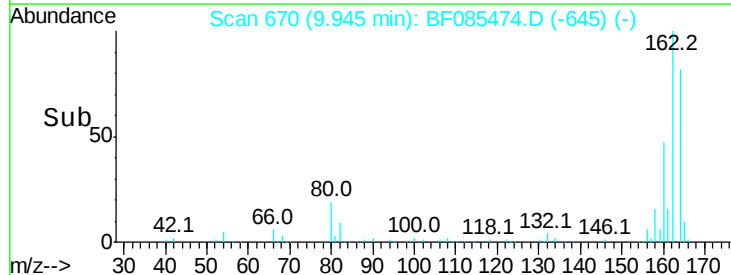
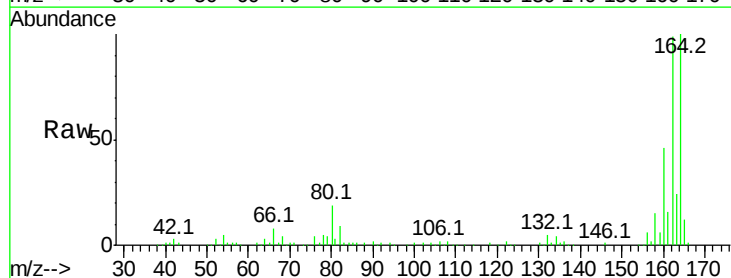
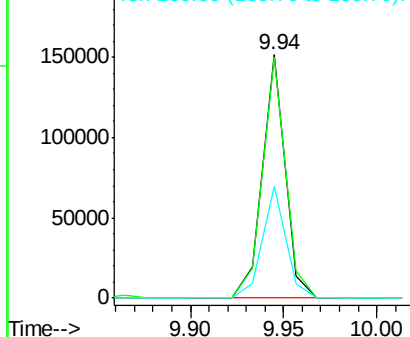
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	83.3	124.9
160	45.7	37.9	56.9

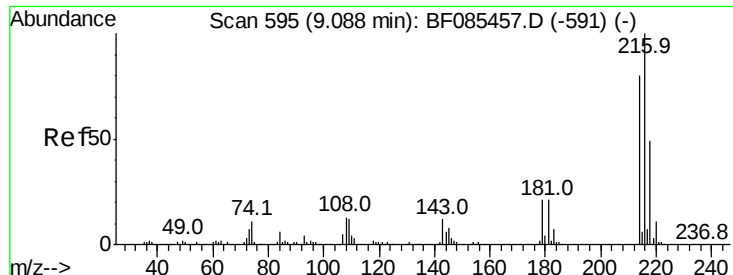
Abundance

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





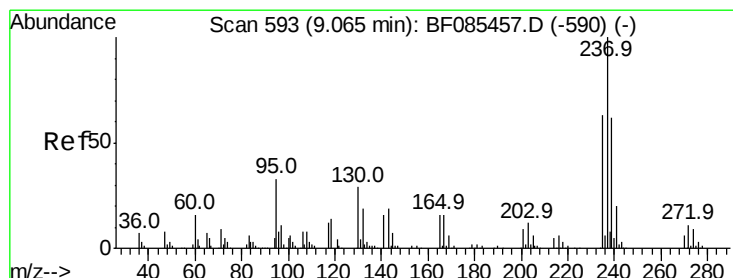
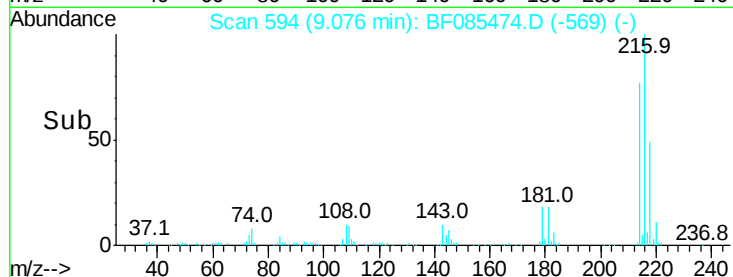
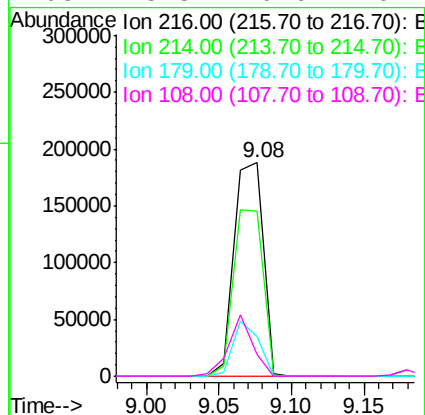
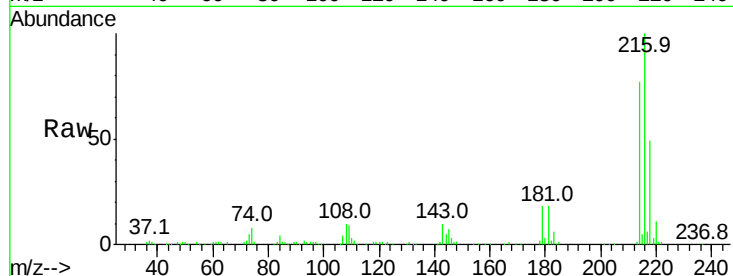
#39
1,2,4,5-Tetrachlorobenzene
Concen: 66.74 ng
RT: 9.08 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.7	19.6	29.4
108	23.8	19.6	29.4

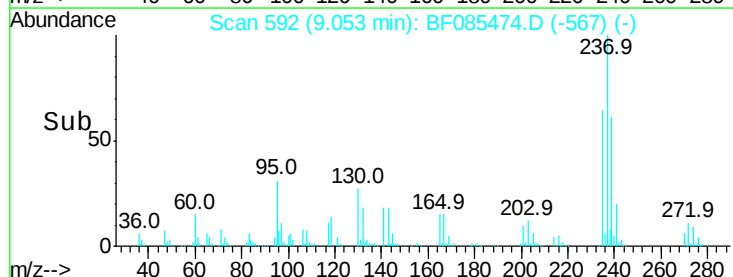
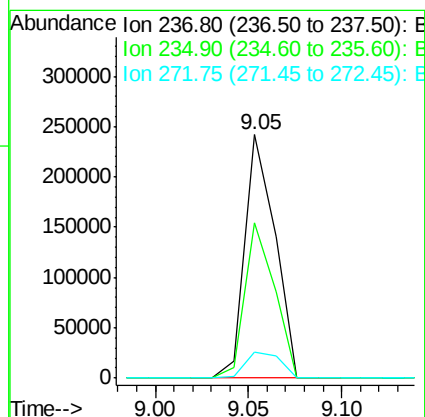
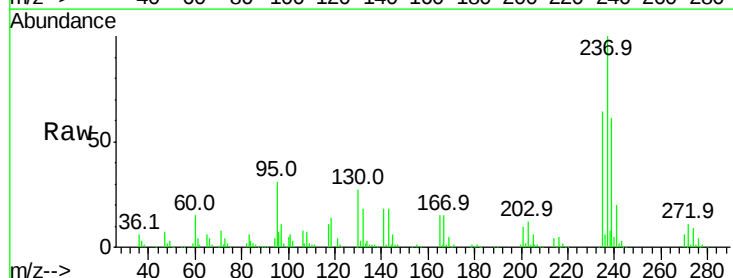
Manual Integrations
APPROVED

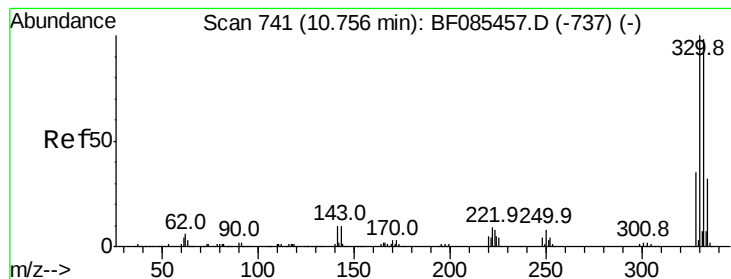
Sohil
3/17/2016 5:20:06 PM



#40
Hexachlorocyclopentadiene
Concen: 144.05 ng
RT: 9.05 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	43.7	83.7
272	10.8	0.0	31.5





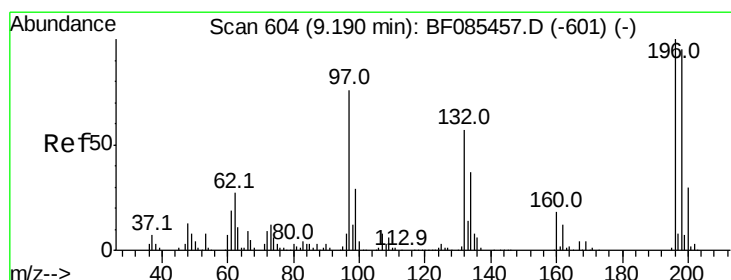
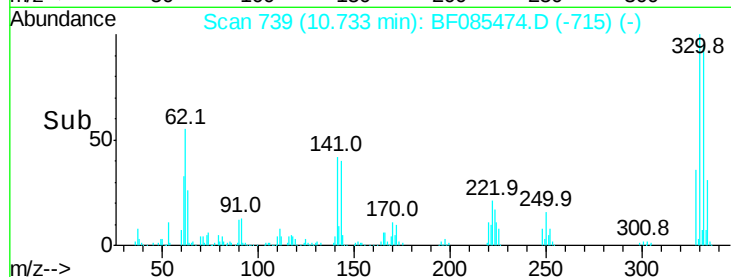
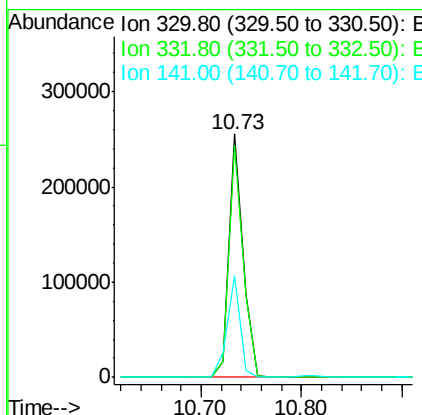
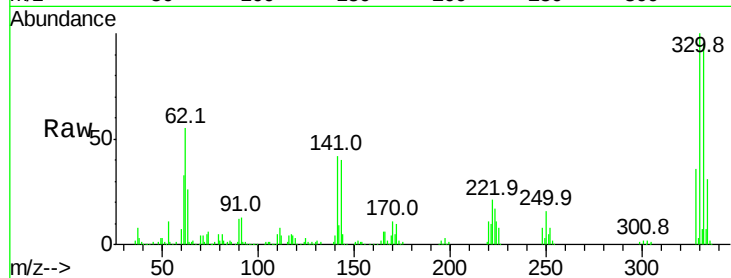
#41
 2,4,6-Tribromophenol
 Concen: 214.13 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249771		
332	96.3	77.1	115.7	
141	39.4	35.0	52.6	

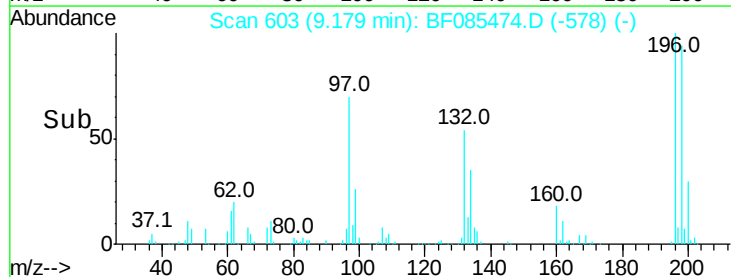
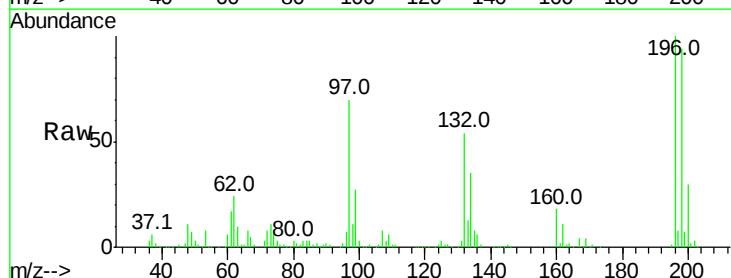
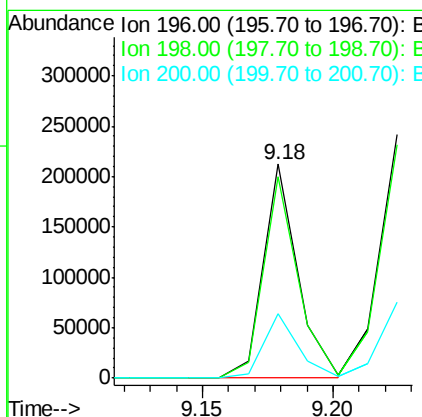
Manual Integrations
 APPROVED

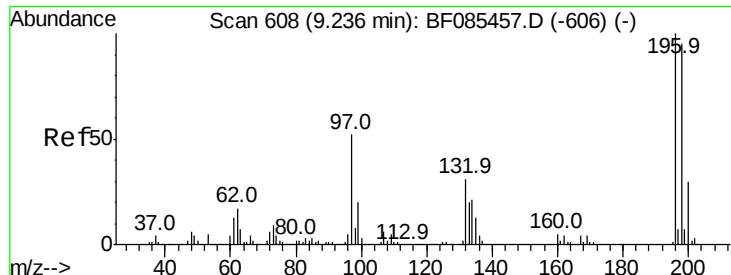
Sohil
 3/17/2016 5:20:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 75.12 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195404		
198	94.3	77.8	116.6	
200	29.9	25.0	37.6	





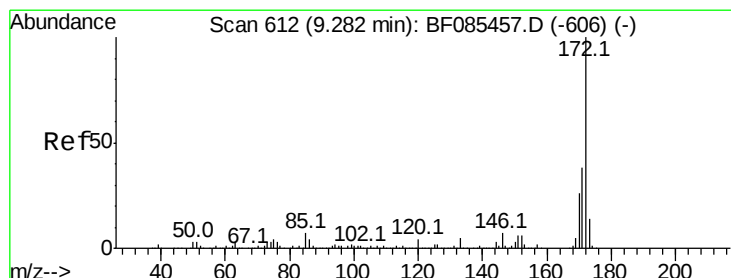
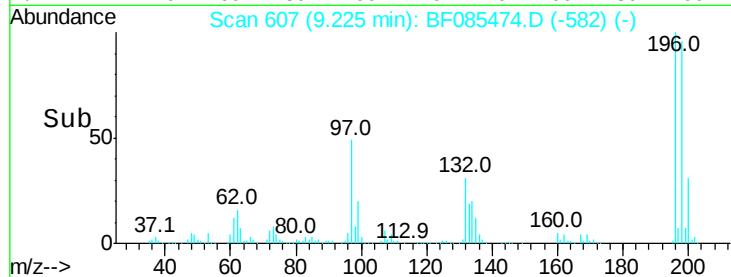
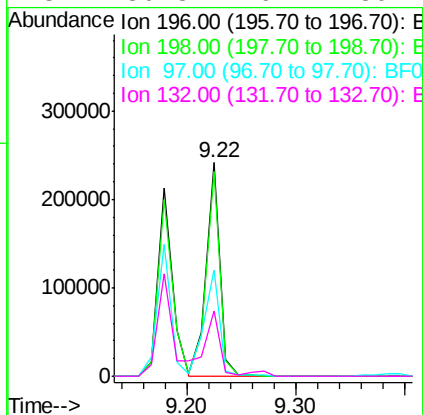
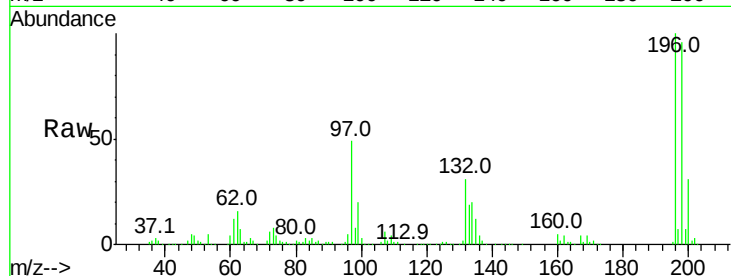
#43
 2,4,5-Trichlorophenol
 Concen: 82.15 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215847		
198	95.6	75.7	113.5	
97	49.5	46.4	69.6	
132	30.8	26.2	39.4	

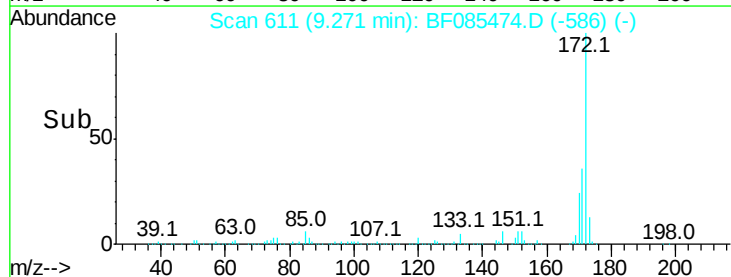
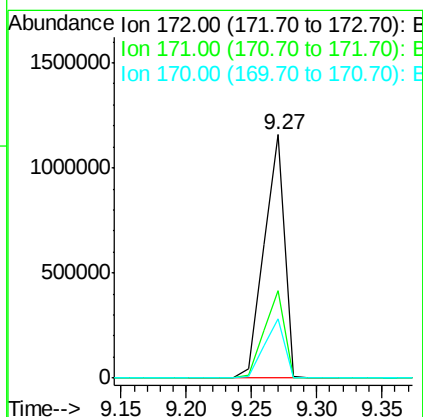
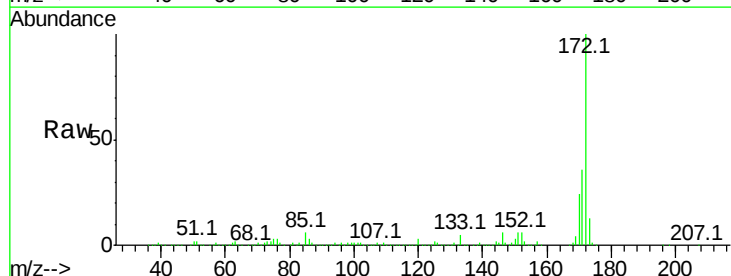
Manual Integrations
 APPROVED

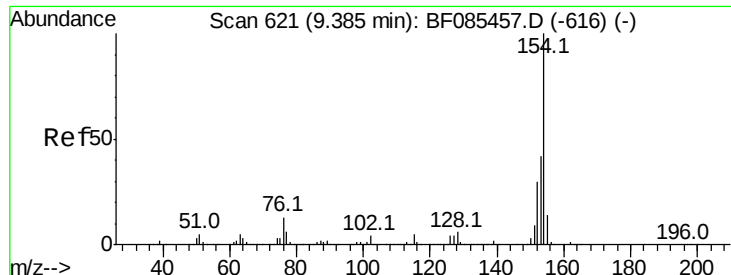
Sohil
 3/17/2016 5:20:06 PM



#44
 2-Fluorobiphenyl
 Concen: 174.20 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1271673		
171	36.2	29.3	43.9	
170	24.3	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 73.45 ng

RT: 9.36 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

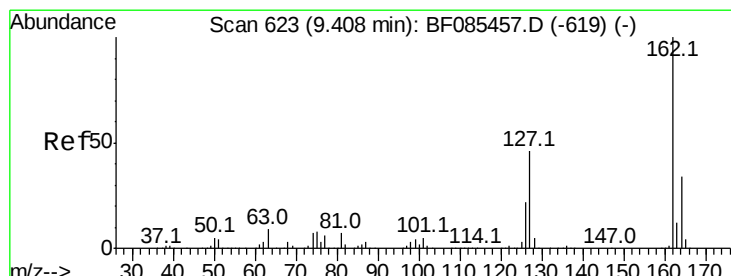
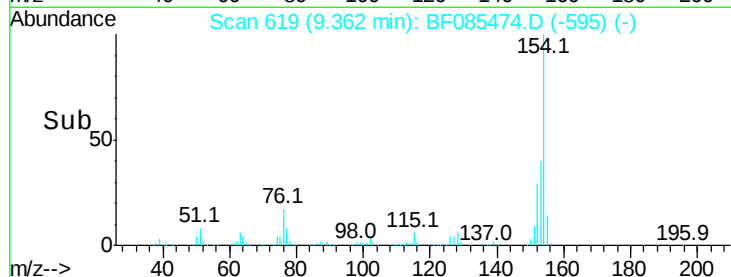
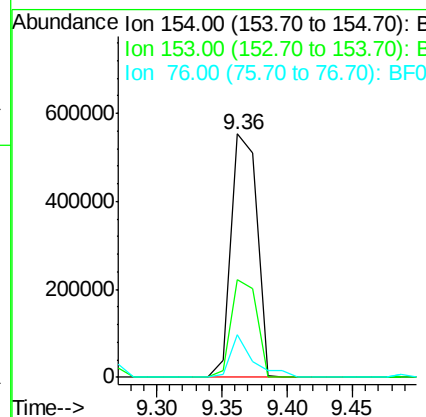
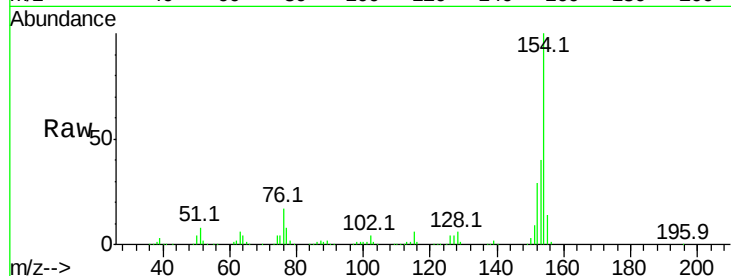
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	154	Resp:	759221
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.4	61.4
76	17.3	0.0	37.5

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#46

2-Chloronaphthalene

Concen: 80.46 ng

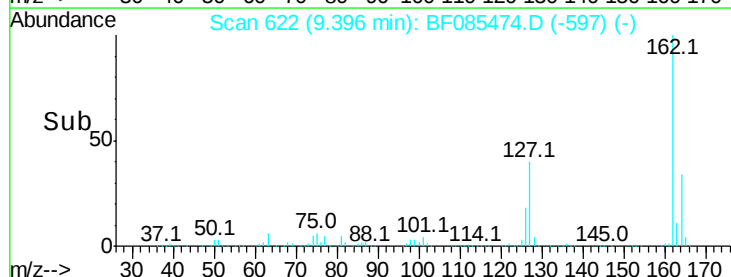
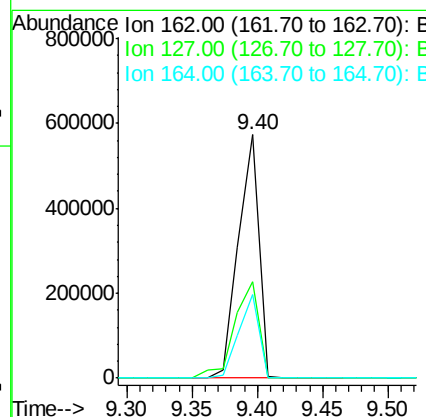
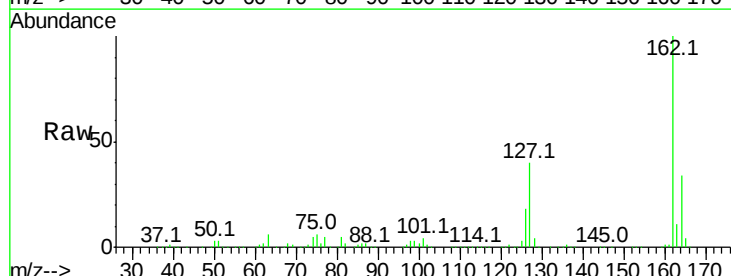
RT: 9.40 min Scan# 622

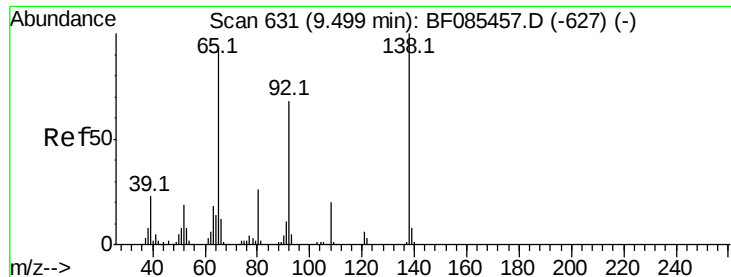
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	162	Resp:	623197
Ion Ratio	Lower	Upper	
162	100		
127	39.6	31.6	47.4
164	34.1	27.1	40.7





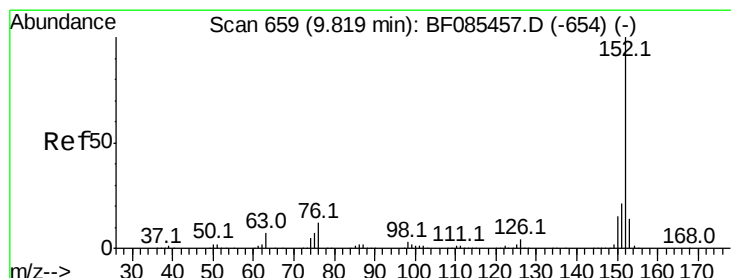
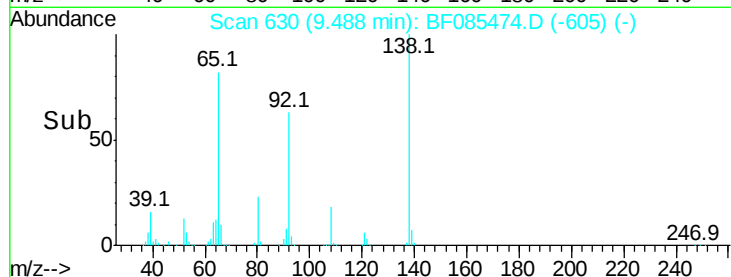
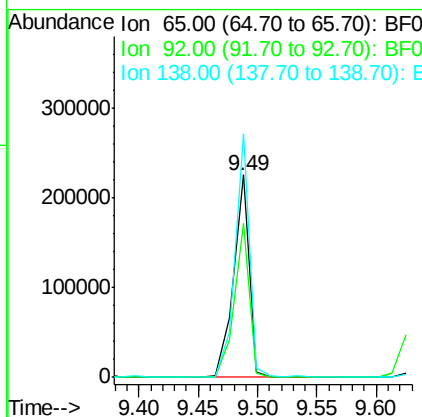
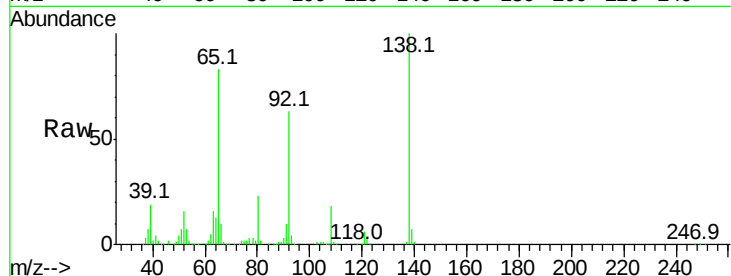
#47
2-Nitroaniline
Concen: 88.20 ng
RT: 9.49 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.1	55.4	83.2	
138	120.5	75.7	113.5	

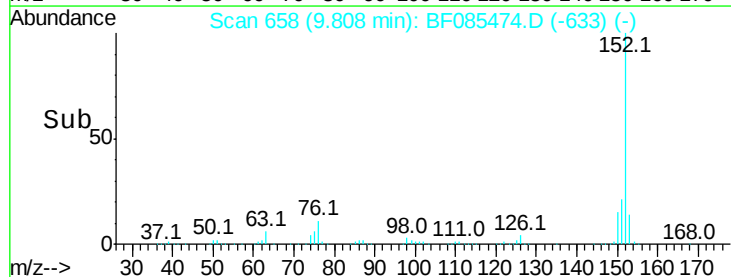
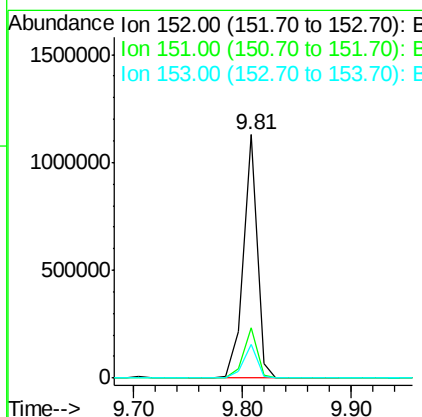
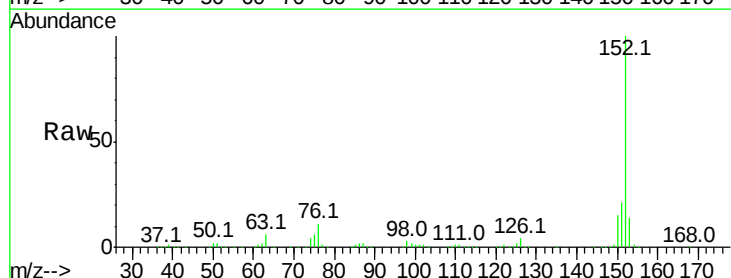
Manual Integrations
APPROVED

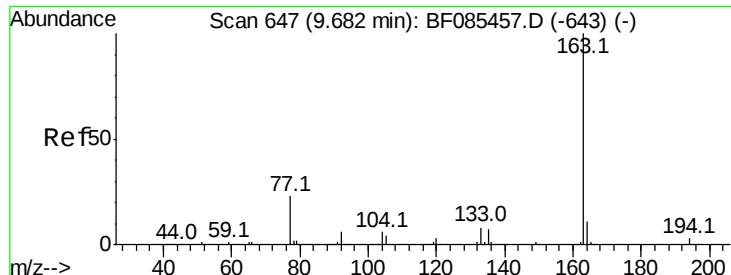
Sohil
3/17/2016 5:20:06 PM



#48
Acenaphthylene
Concen: 77.80 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.9	17.5	26.3	
153	13.6	11.3	16.9	





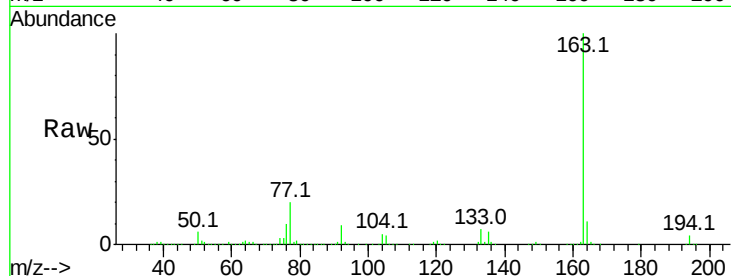
#49
Dimethylphthalate
Concen: 98.35 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

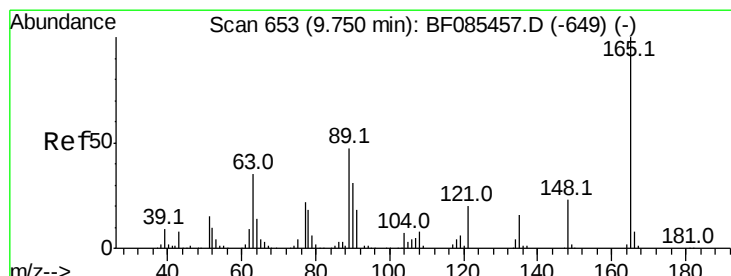
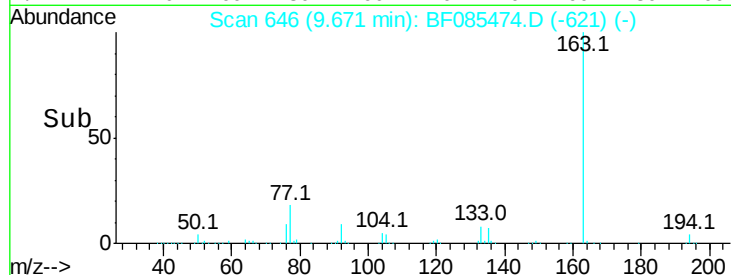
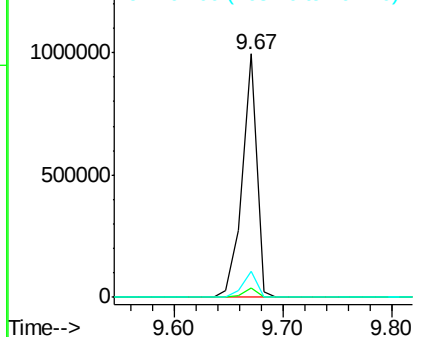
Tot Ion	Ratio	Resp	Lower	Upper
163	100	908744		
194	3.7		3.1	4.7
164	10.5		8.2	12.4

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

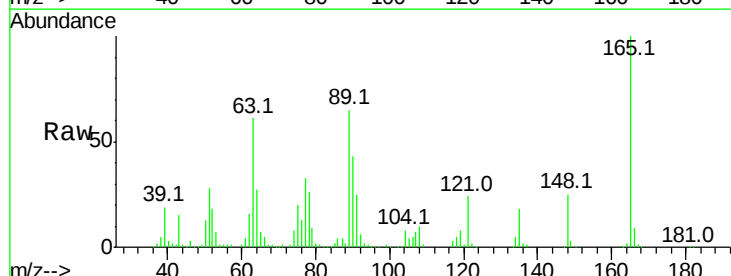


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

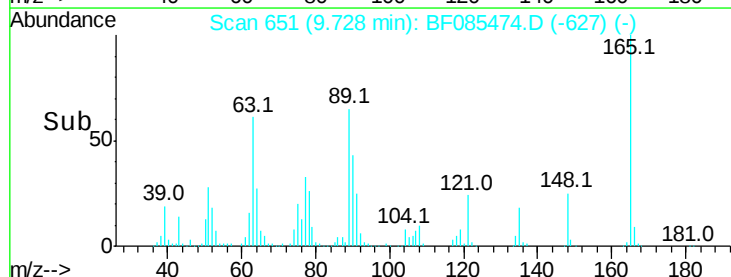
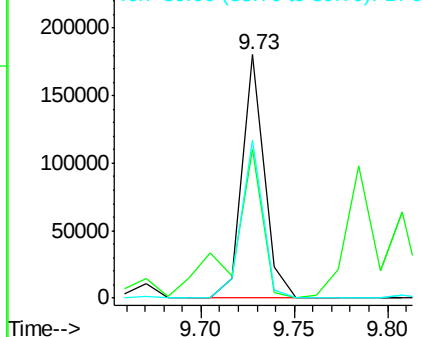


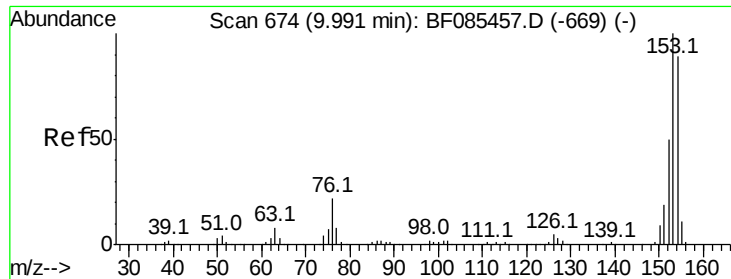
#50
2,6-Dinitrotoluene
Concen: 73.57 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150187		
63	61.1		41.8	62.8
89	64.7		46.7	70.1



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: 82.20 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

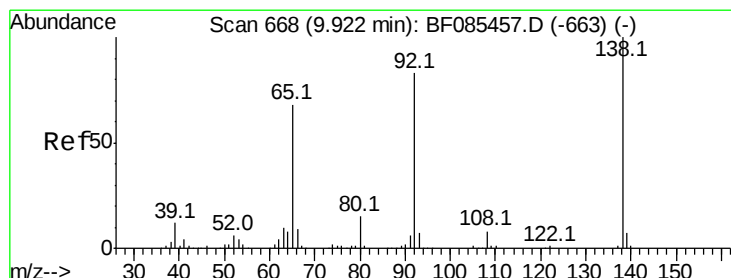
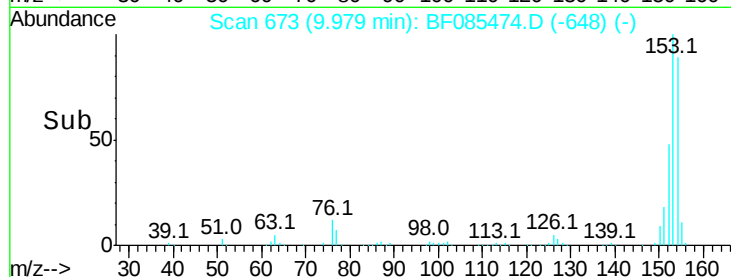
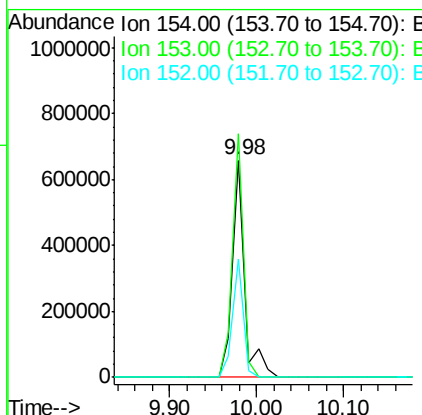
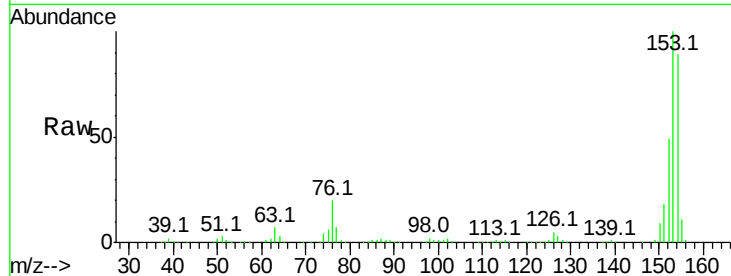
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	154	Resp:	647534
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.8	134.8
152	54.5	44.6	66.8

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#52

3-Nitroaniline

Concen: 64.03 ng

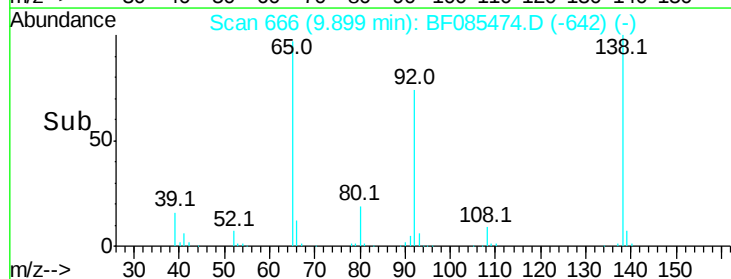
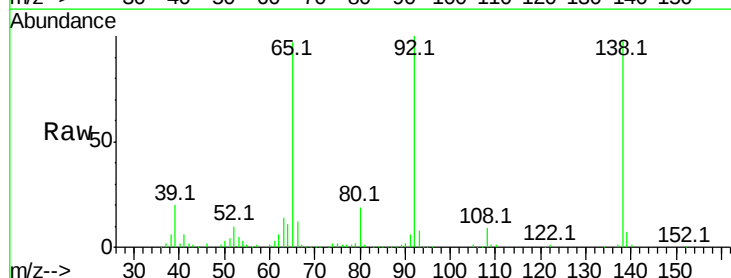
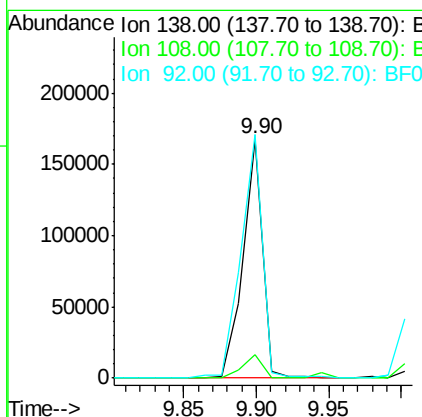
RT: 9.90 min Scan# 666

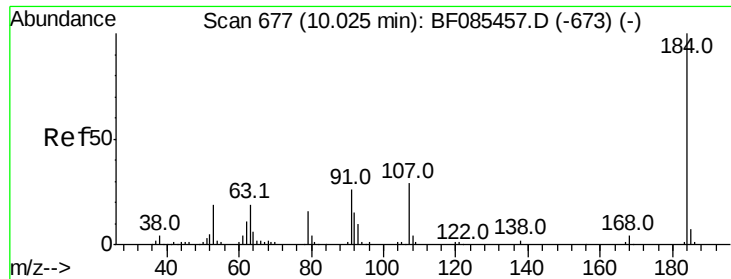
Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	138	Resp:	156295
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	102.1	81.3	121.9





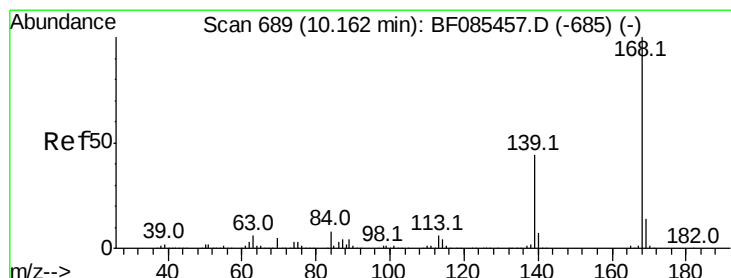
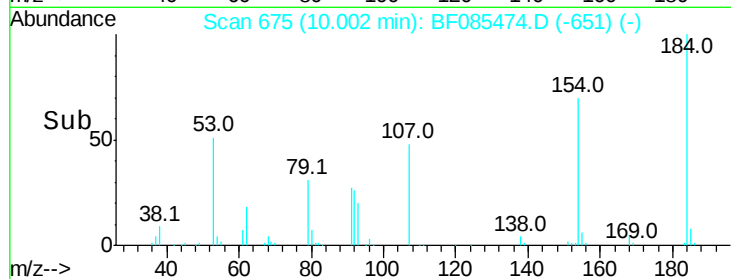
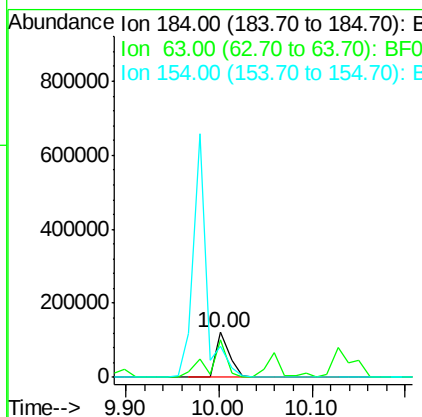
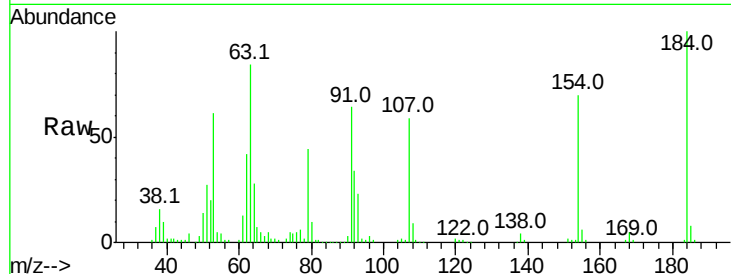
#53
 2,4-Dinitrophenol
 Concen: 108.91 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124799		
63	83.6	82.2	123.4	
154	70.3	108.9	163.3	

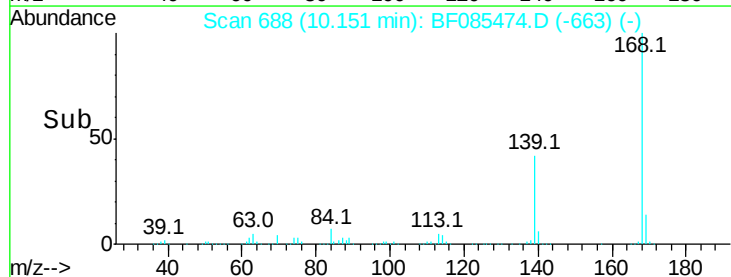
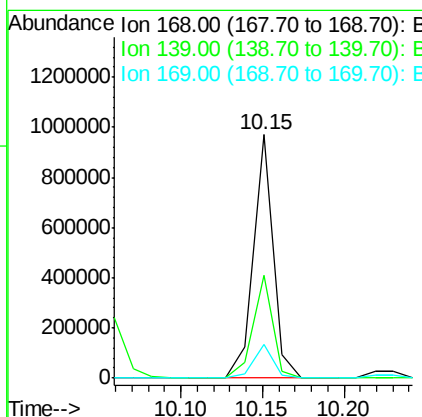
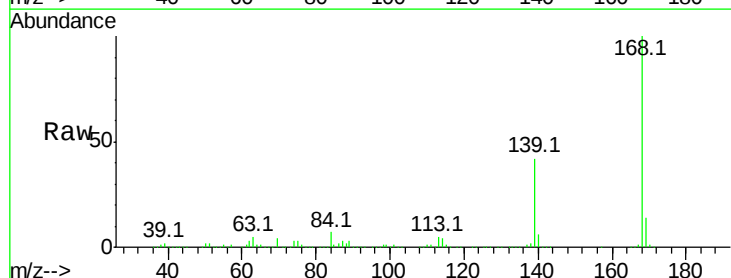
Manual Integrations
 APPROVED

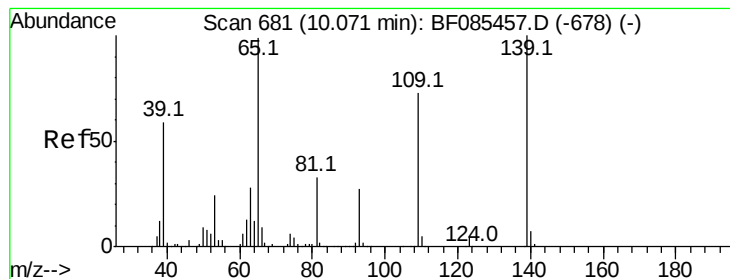
Sohil
 3/17/2016 5:20:06 PM



#54
 Dibenzofuran
 Concen: 84.77 ng
 RT: 10.15 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	820407		
139	42.2	33.6	50.4	
169	13.9	11.2	16.8	





#55

4-Nitrophenol

Concen: 141.65 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

ClientSampled :

SB-1(8-9)MSD

Tot Ion:139 Resp: 237973

Ion Ratio Lower Upper

139 100

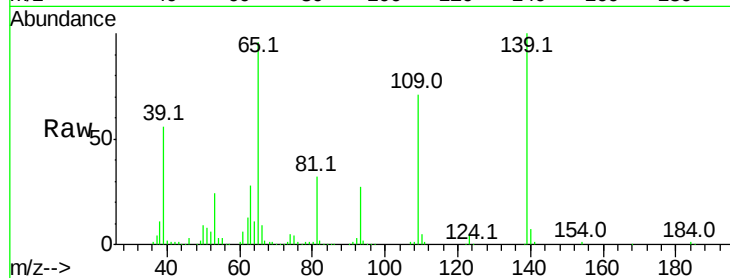
109 71.2 41.9 81.9

65 96.3 48.3 88.3#

Manual Integrations
APPROVED

Sohil

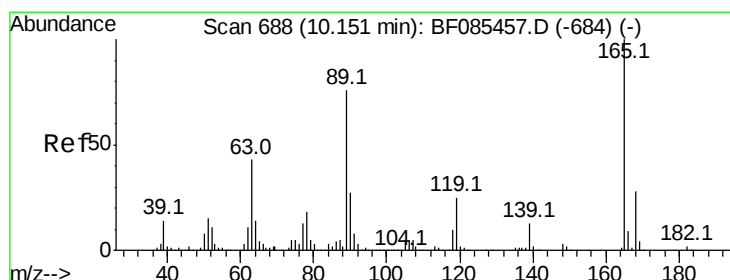
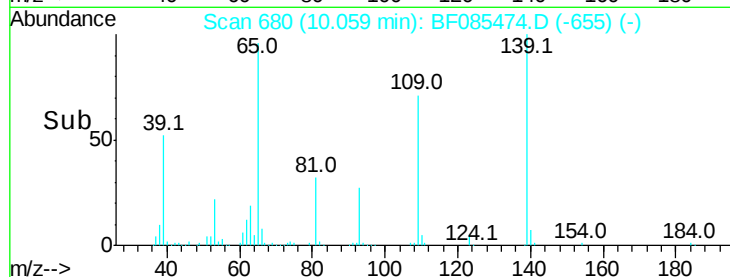
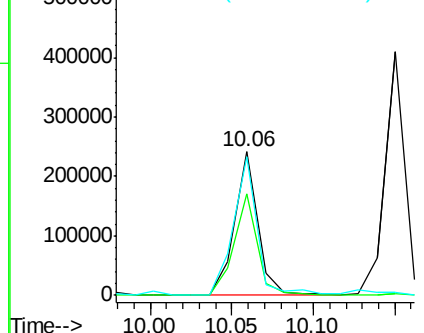
3/17/2016 5:20:06 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 80.32 ng

RT: 10.14 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:165 Resp: 205626

Ion Ratio Lower Upper

165 100

63 25.1 35.4 53.0#

89 45.1 61.9 92.9#

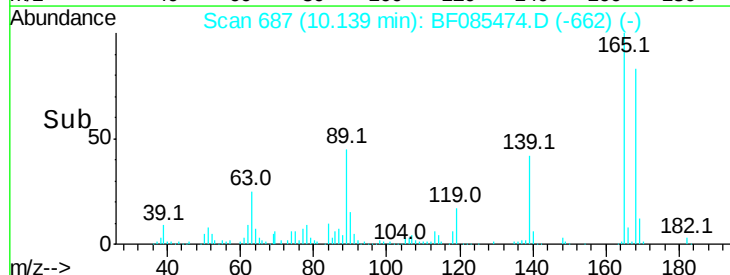
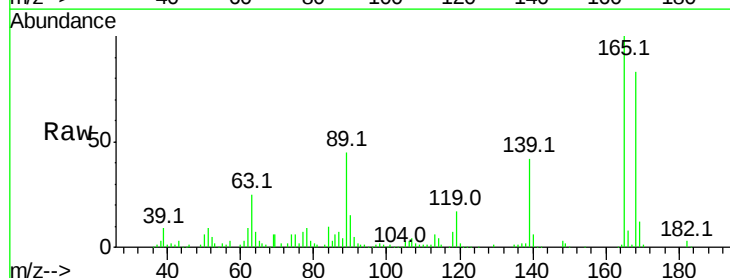
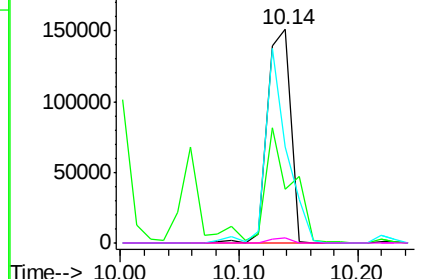
182 2.7 1.9 2.9

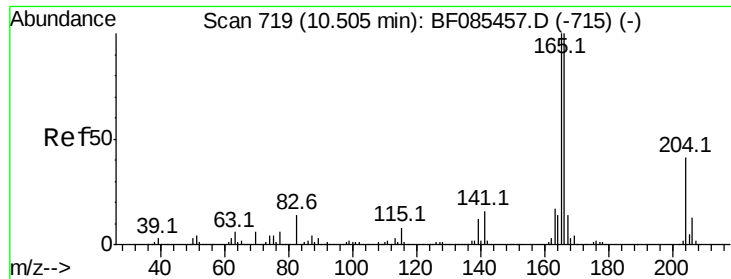
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 83.81 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

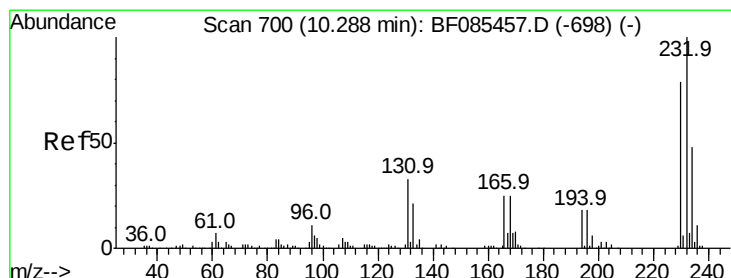
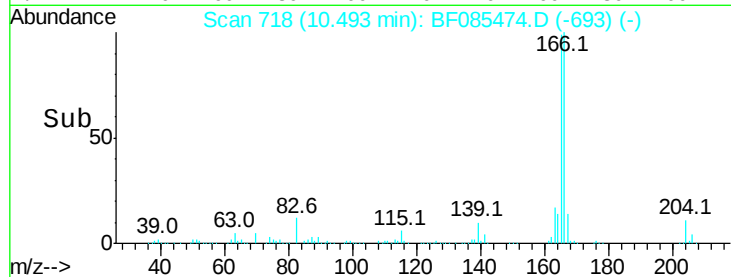
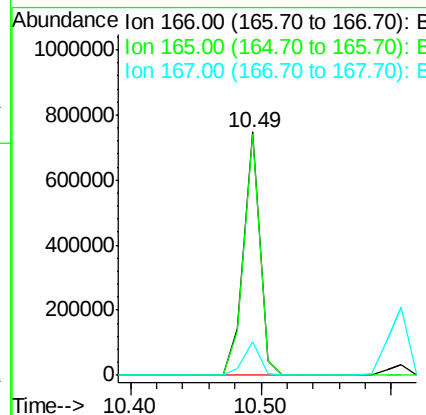
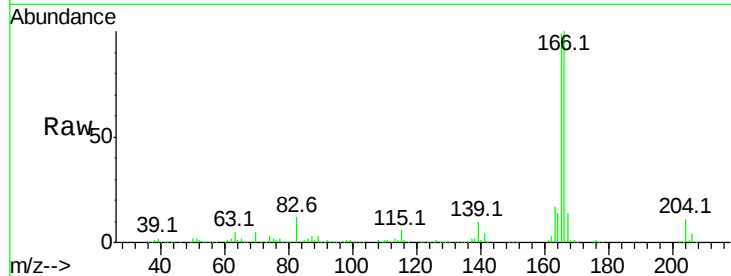
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	166	Resp:	646782
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.4	119.0
167	13.6	11.0	16.6

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 82.47 ng

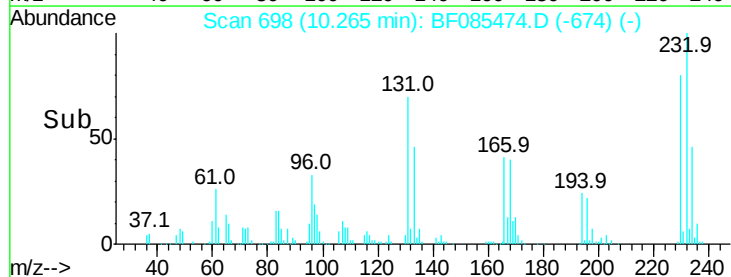
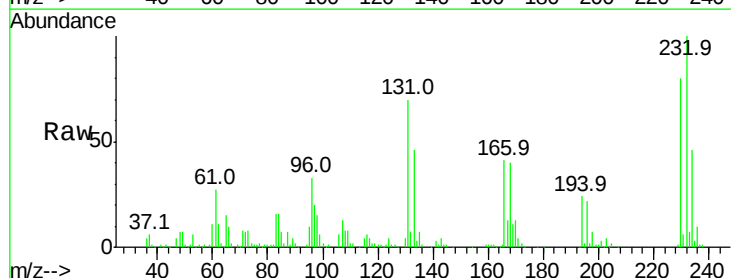
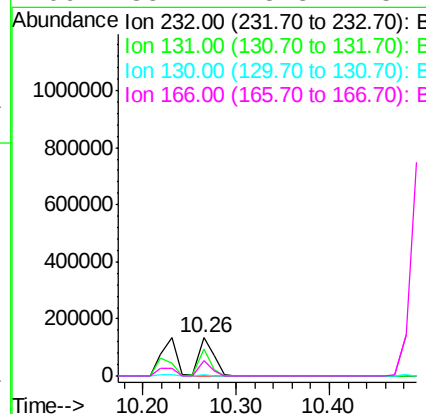
RT: 10.26 min Scan# 698

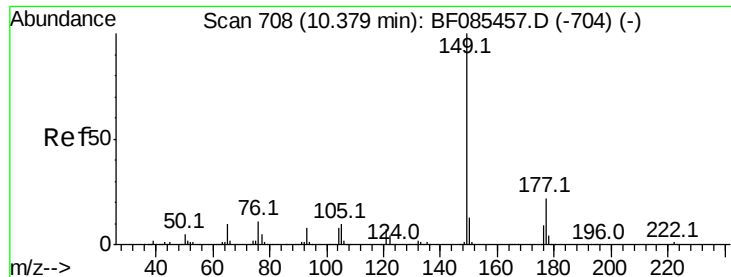
Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	232	Resp:	148791
Ion Ratio	Lower	Upper	
232	100		
131	56.9	46.0	69.0
130	2.9	2.2	3.4
166	35.1	28.8	43.2





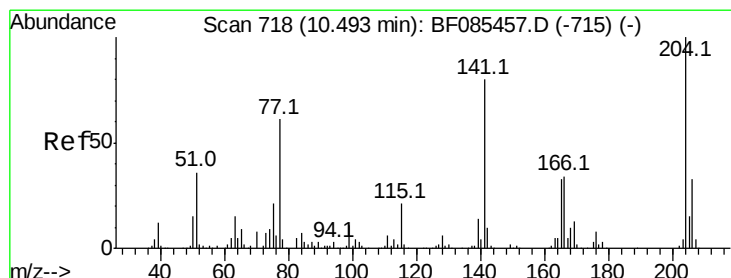
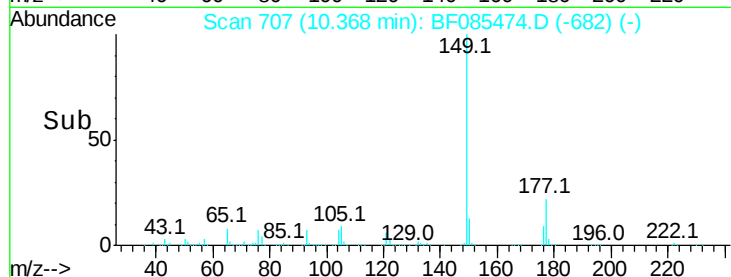
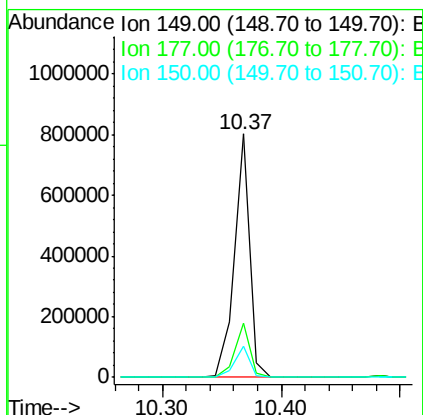
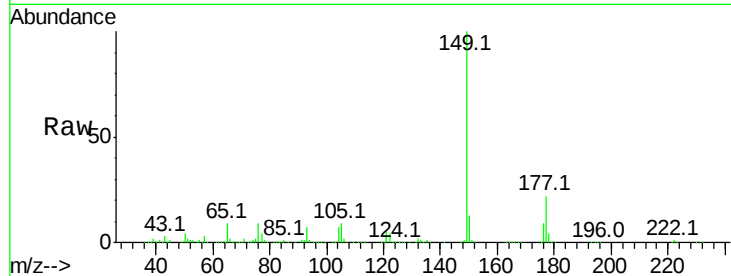
#59
Diethylphthalate
Concen: 79.66 ng
RT: 10.37 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampled :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.1	19.2	28.8	
150	12.6	9.9	14.9	

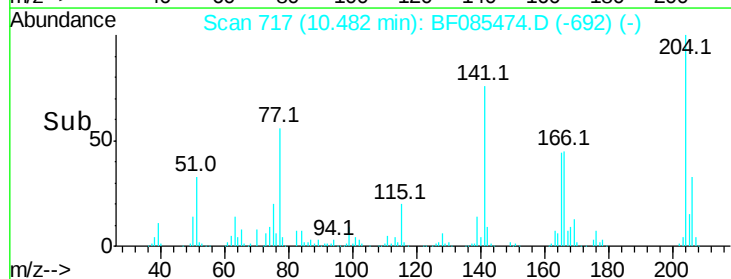
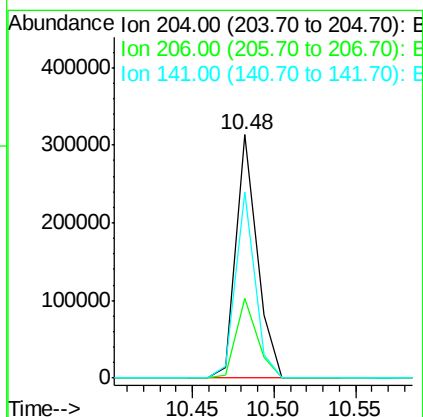
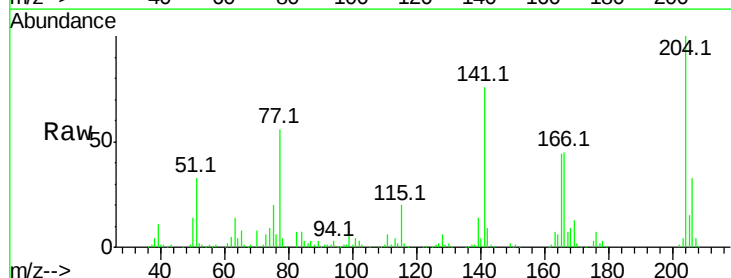
Manual Integrations
APPROVED

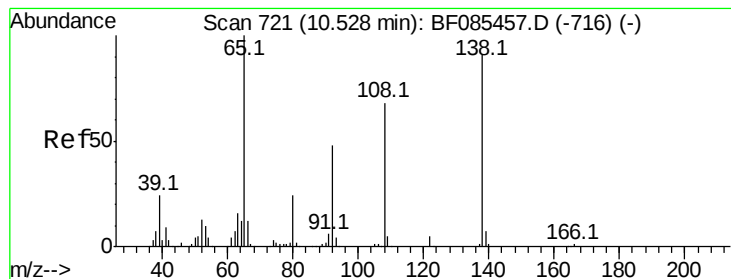
Sohil
3/17/2016 5:20:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 70.79 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.8	26.5	39.7	
141	76.3	55.4	83.2	





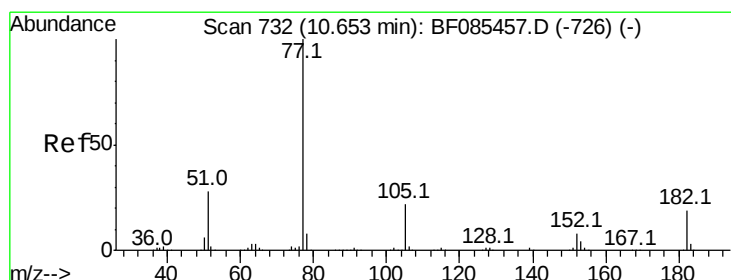
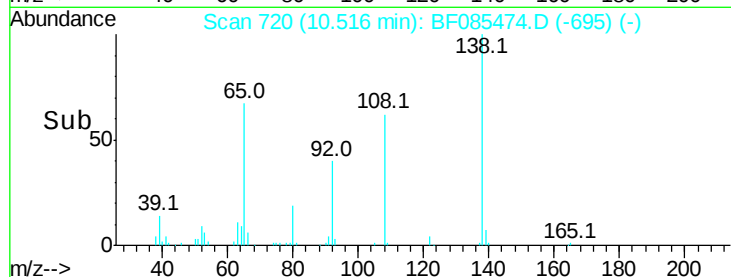
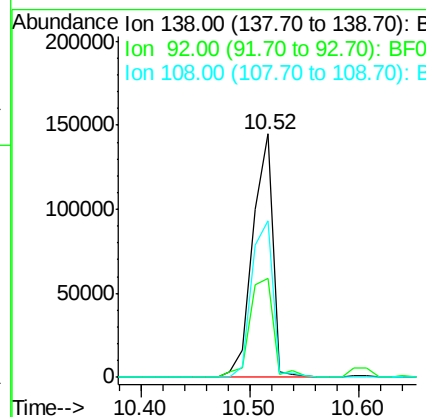
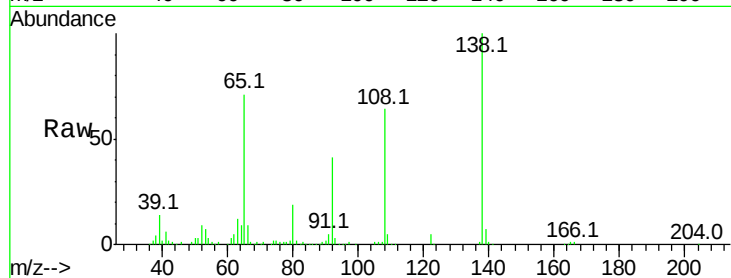
#61
4-Nitroaniline
Concen: 81.44 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	40.6	34.2	74.2	
108	64.3	53.9	93.9	

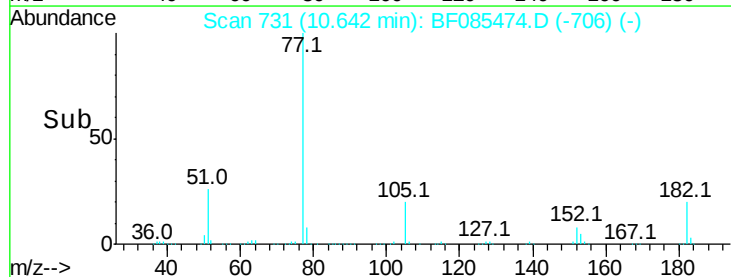
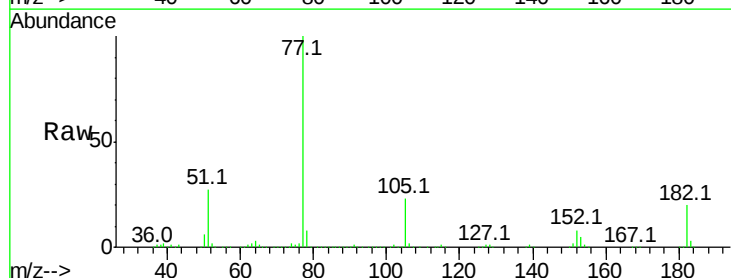
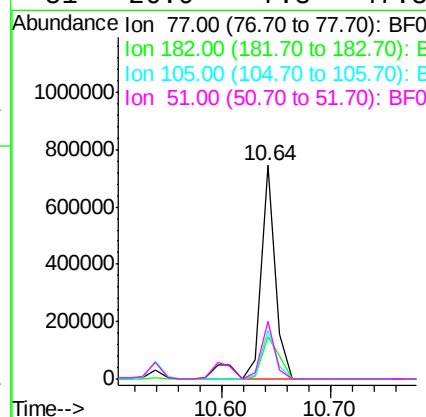
Manual Integrations
APPROVED

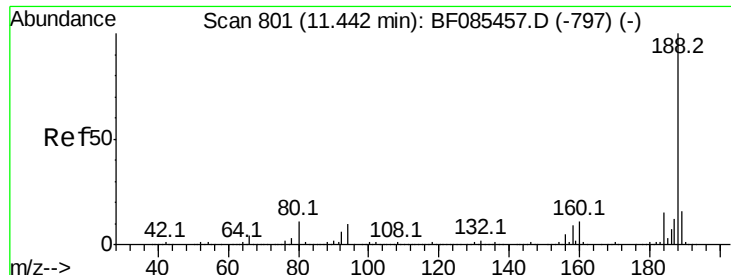
Sohil
3/17/2016 5:20:06 PM



#62
Azobenzene
Concen: 82.68 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	19.8	2.1	42.1	
105	22.8	3.8	43.8	
51	26.9	7.8	47.8	





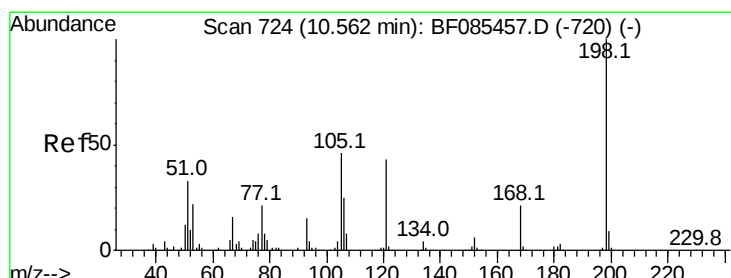
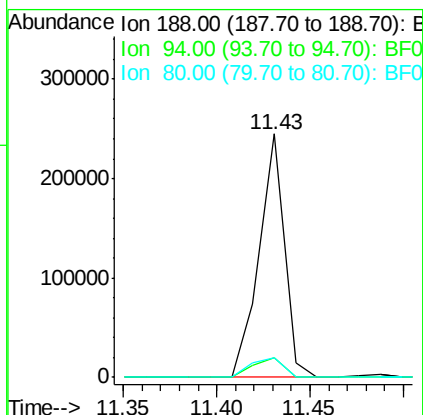
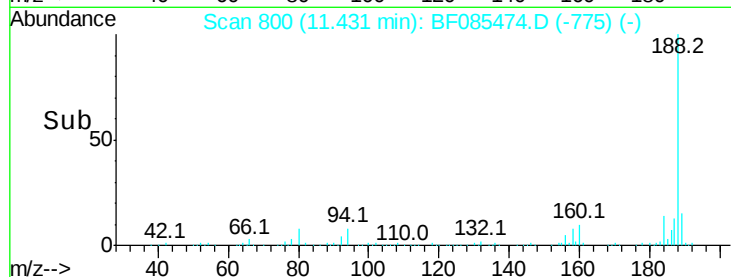
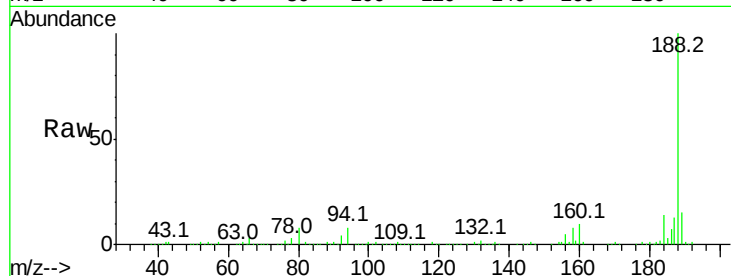
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	7.0	10.6	
80	8.1	7.4	11.0	

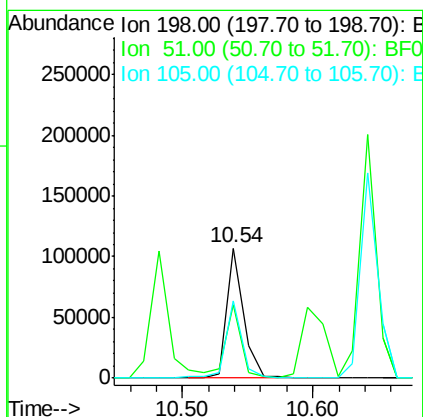
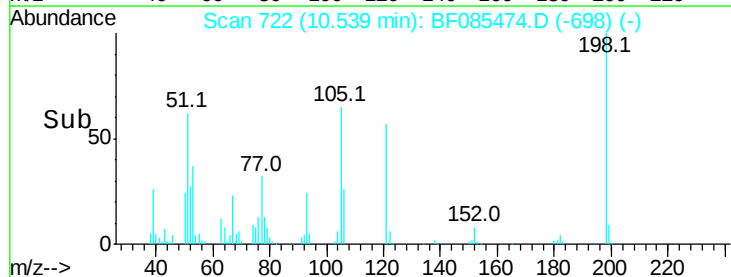
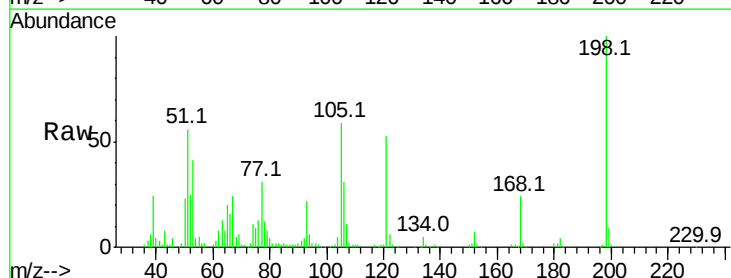
Manual Integrations
APPROVED

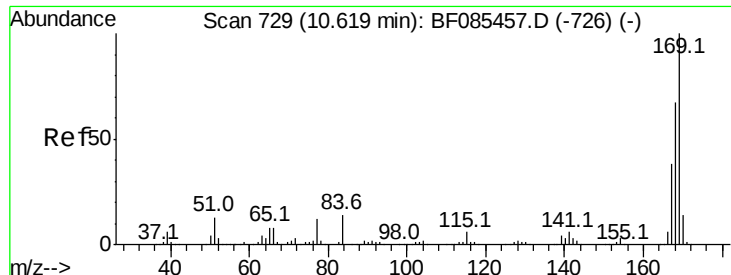
Sohil
3/17/2016 5:20:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 70.19 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	56.3	9.5	49.5#	
105	59.0	20.5	60.5	





#65

n-Nitrosodiphenylamine

Concen: 84.33 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

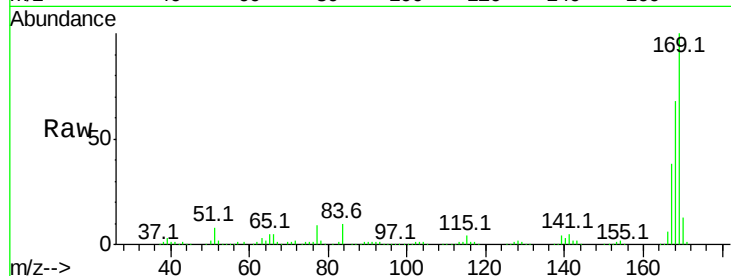
ClientSampleId :

SB-1(8-9)MSD

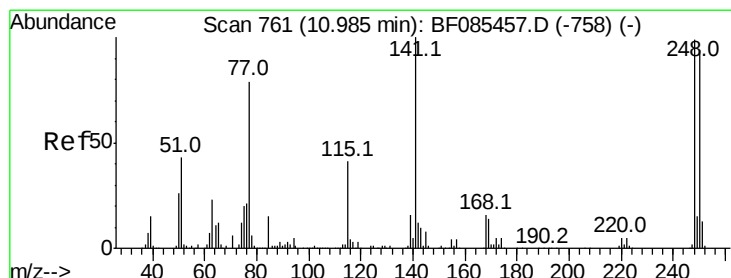
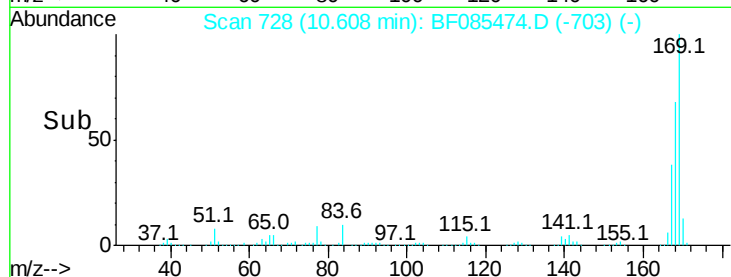
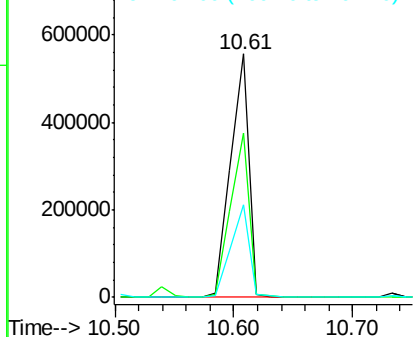
Tot Ion:	169	Resp:	595443
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.8	82.2
167	37.8	30.3	45.5

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



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: 76.41 ng

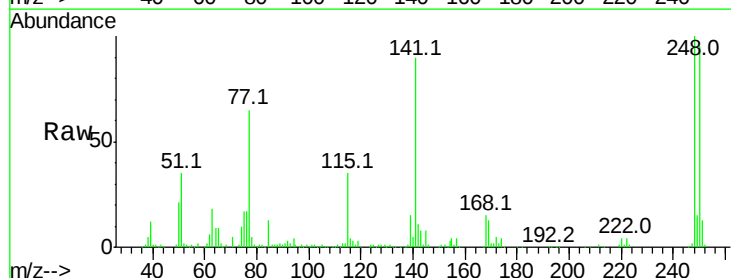
RT: 10.97 min Scan# 760

Delta R.T. -0.01 min

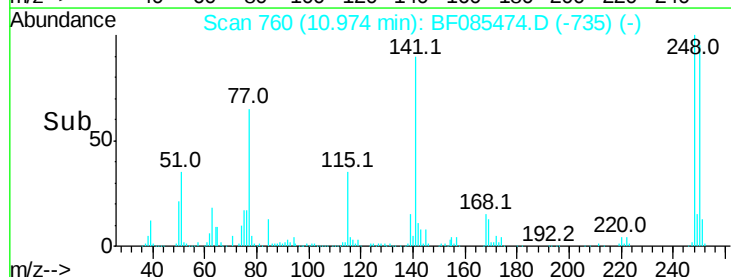
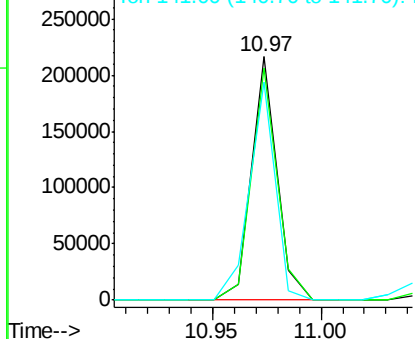
Lab File: BF085474.D

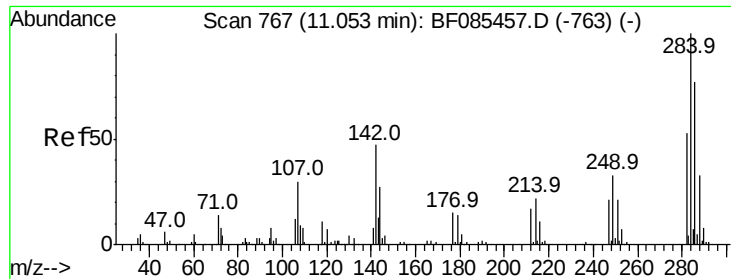
Acq: 16 Mar 2016 21:04

Tgt Ion:	248	Resp:	177186
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.1	115.7
141	89.8	66.2	99.2



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: 78.00 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

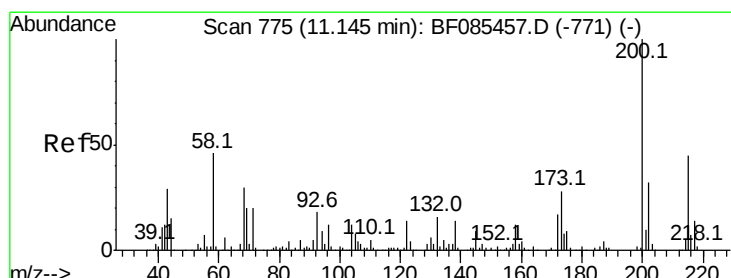
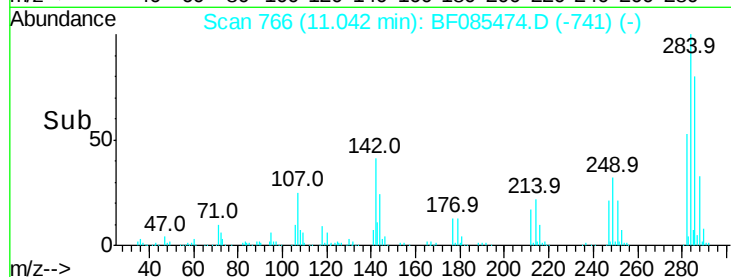
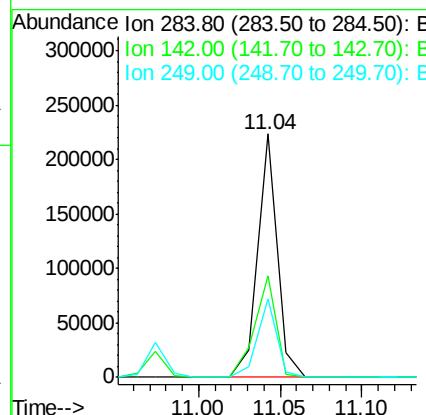
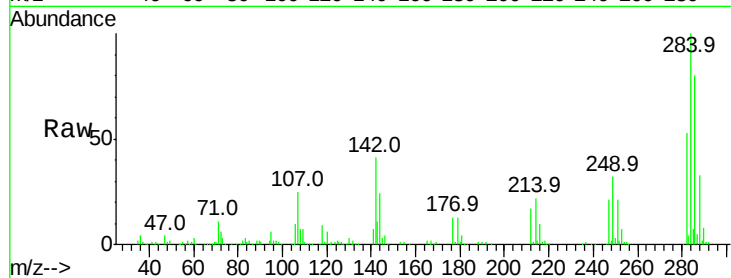
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	284	Resp:	186645
Ion Ratio		Lower	Upper
284	100		
142	41.5	24.9	37.3#
249	32.5	25.0	37.4

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#68

Atrazine

Concen: 100.05 ng

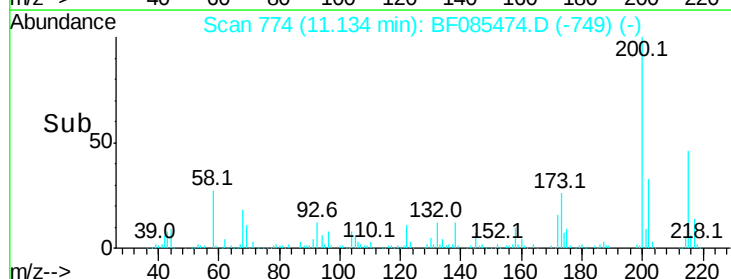
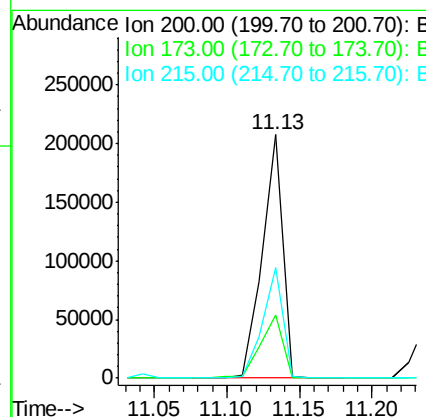
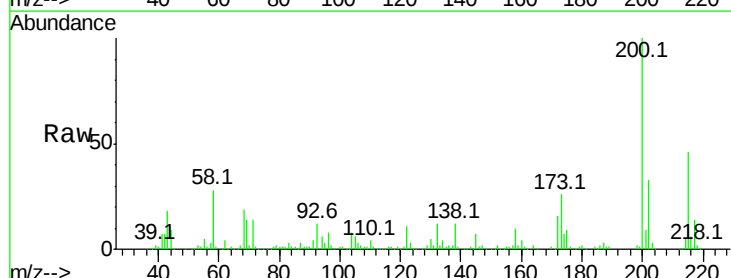
RT: 11.13 min Scan# 774

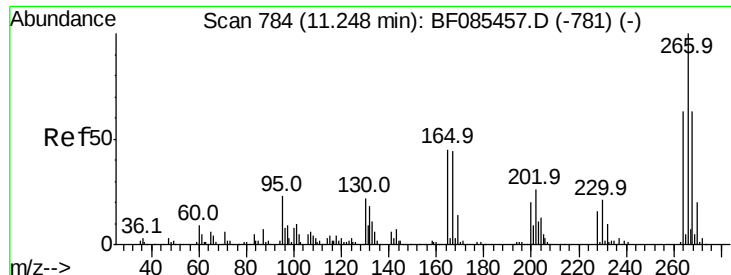
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	200	Resp:	202166
Ion Ratio		Lower	Upper
200	100		
173	25.8	10.5	50.5
215	45.5	23.4	63.4





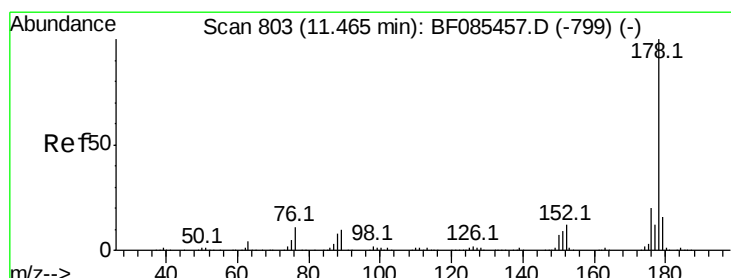
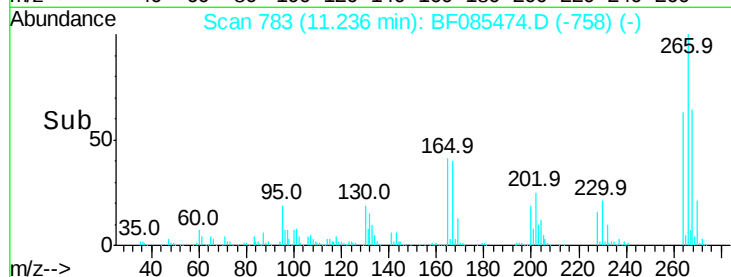
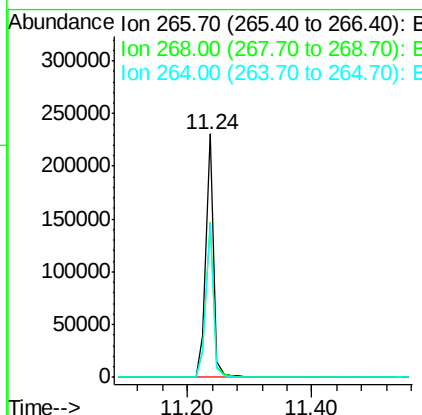
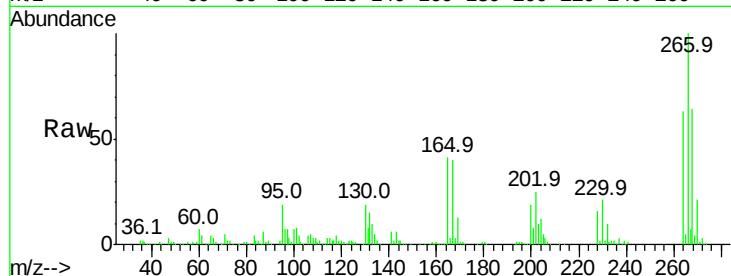
#69
 Pentachlorophenol
 Concen: 160.44 ng
 RT: 11.24 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	203503		
268	63.7	50.0	75.0	
264	63.4	51.4	77.2	

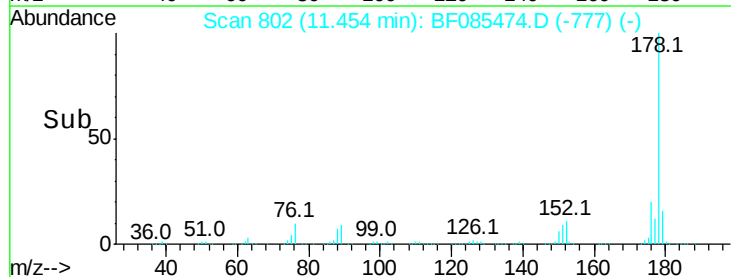
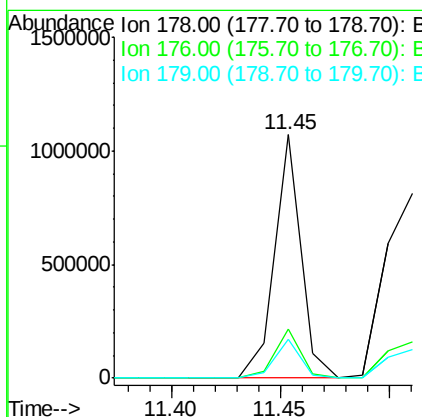
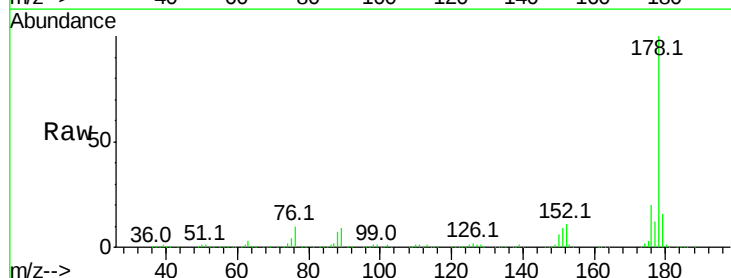
Manual Integrations
 APPROVED

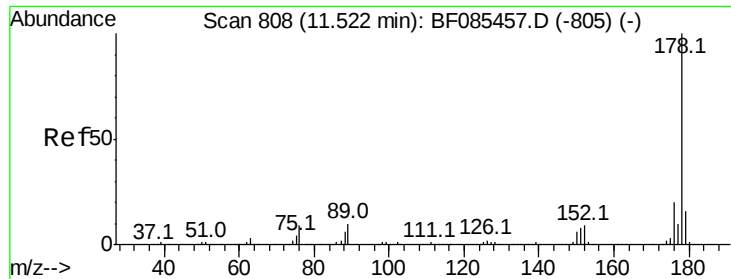
Sohil
 3/17/2016 5:20:06 PM



#70
 Phenanthrene
 Concen: 77.10 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	920112		
176	20.4	16.8	25.2	
179	15.9	13.1	19.7	





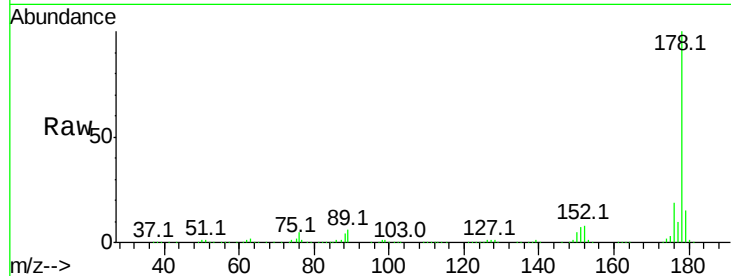
#71
 Anthracene
 Concen: 81.51 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

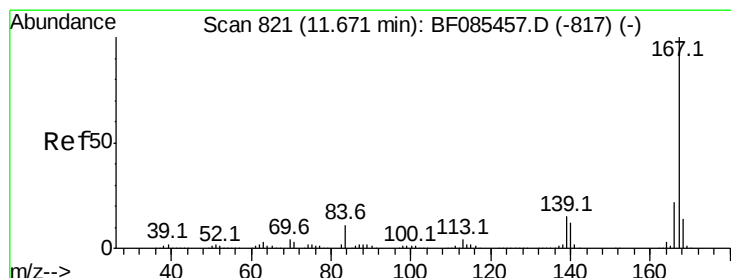
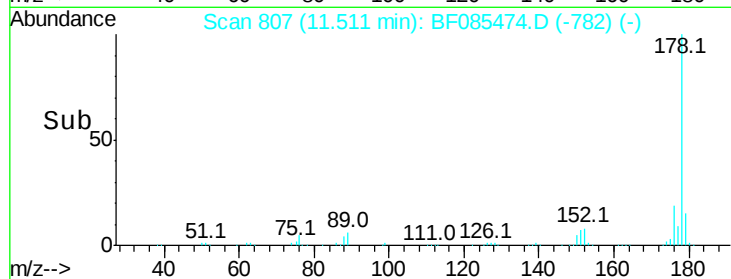
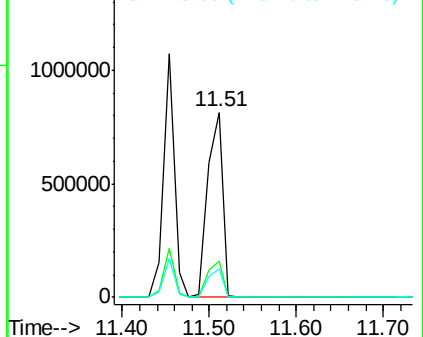
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.1	12.5	18.7

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM



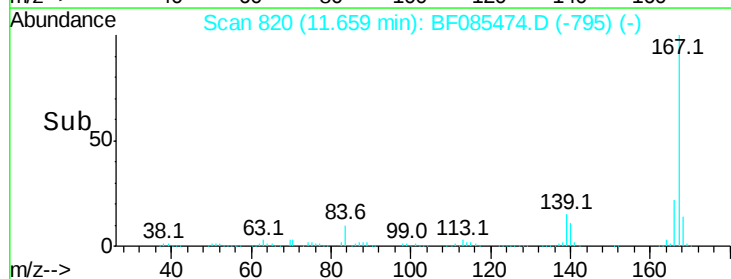
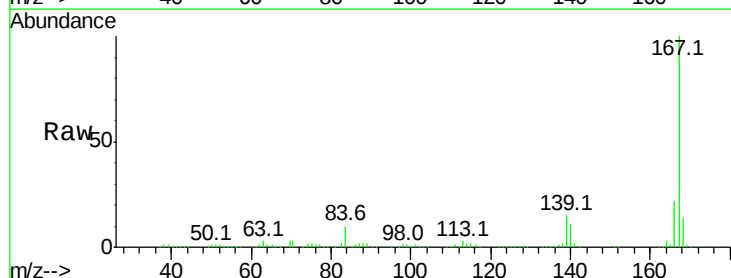
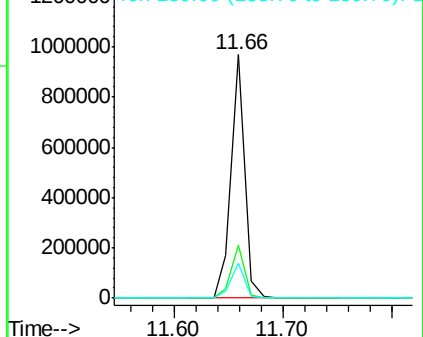
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

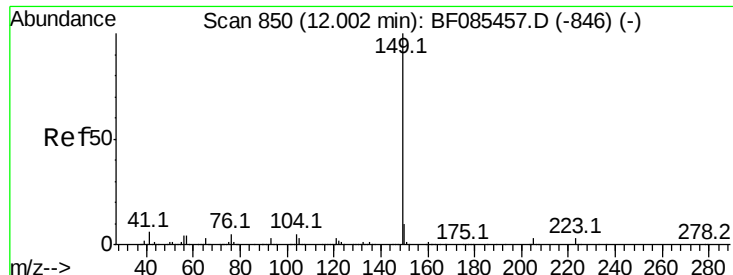


#72
 Carbazole
 Concen: 81.30 ng
 RT: 11.66 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	14.5	11.4	17.0

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





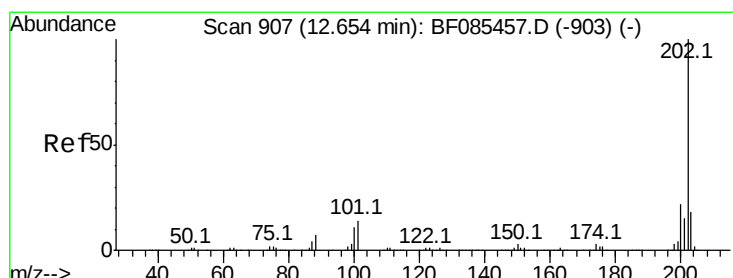
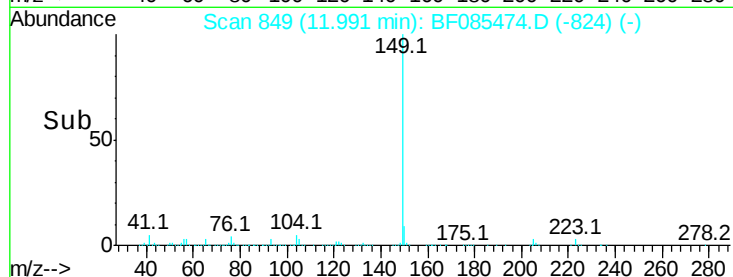
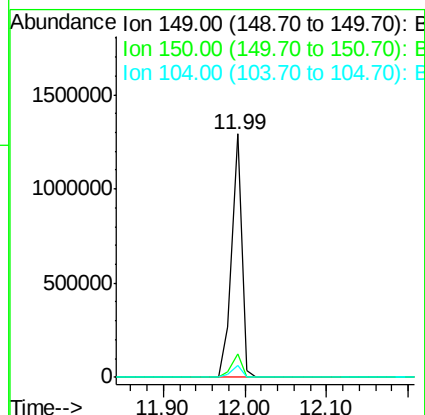
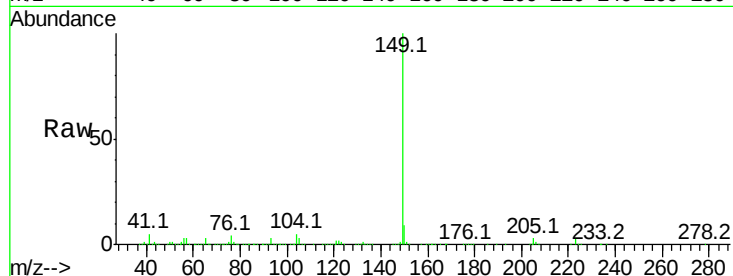
#73
Di-n-butylphthalate
Concen: 86.51 ng
RT: 11.99 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	4.7	7.1

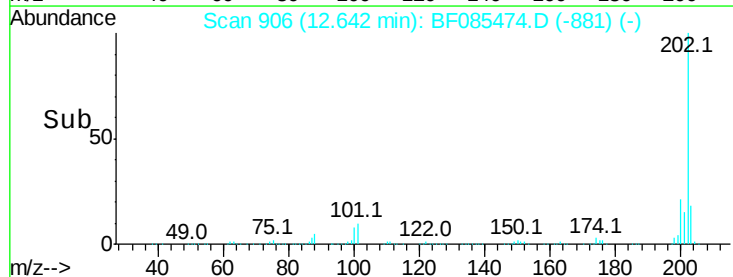
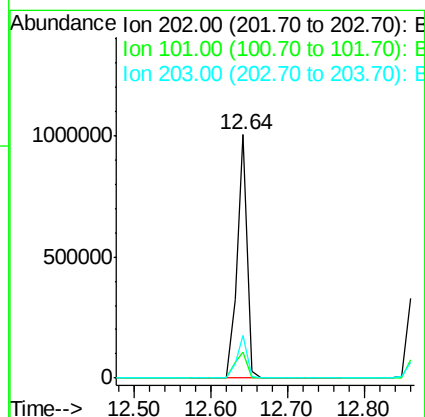
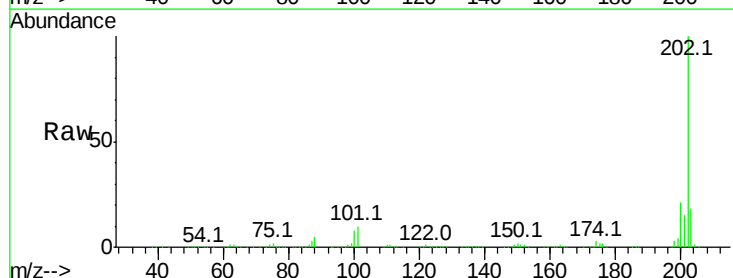
Manual Integrations
APPROVED

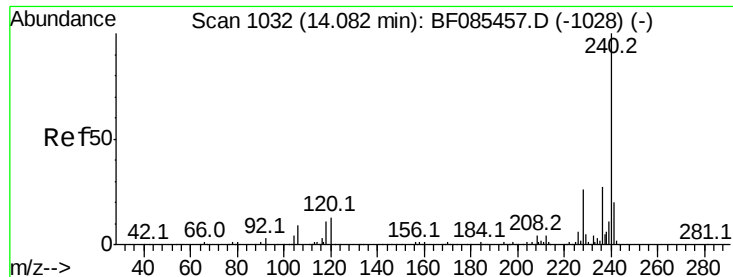
Sohil
3/17/2016 5:20:06 PM



#74
Fluoranthene
Concen: 83.72 ng
RT: 12.64 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.8
203	17.7	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

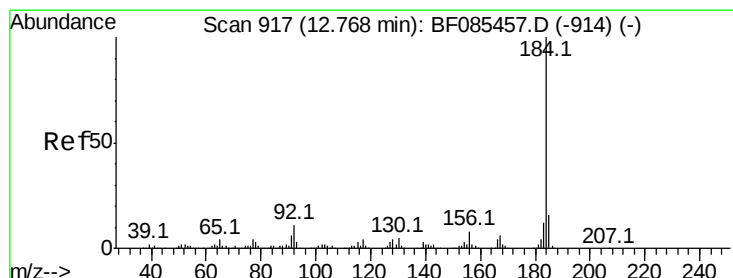
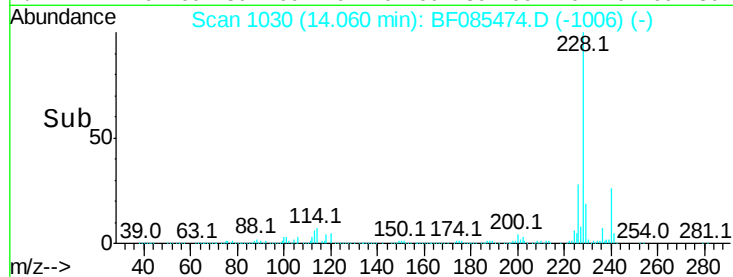
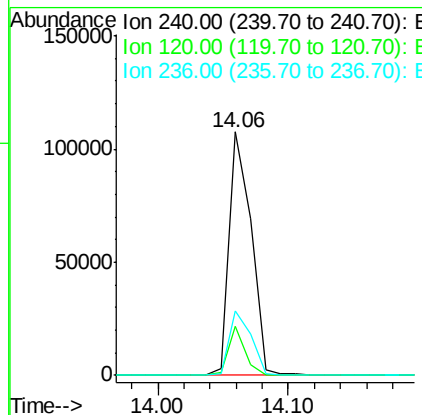
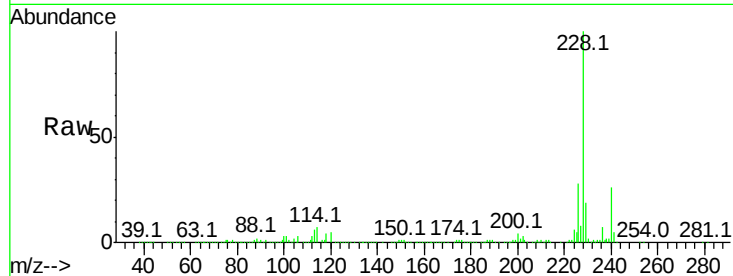
ClientSampleId :

SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	20.2	5.3	7.9#	
236	26.3	20.7	31.1	

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#76

Benzidine

Concen: 63.81 ng

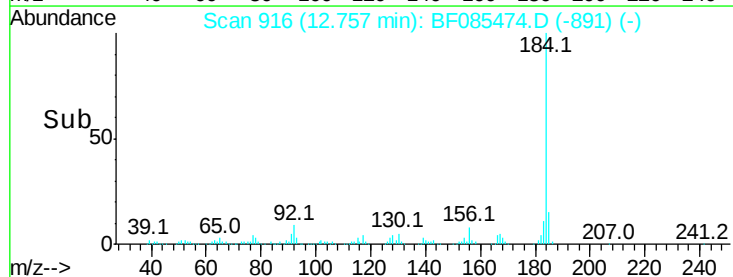
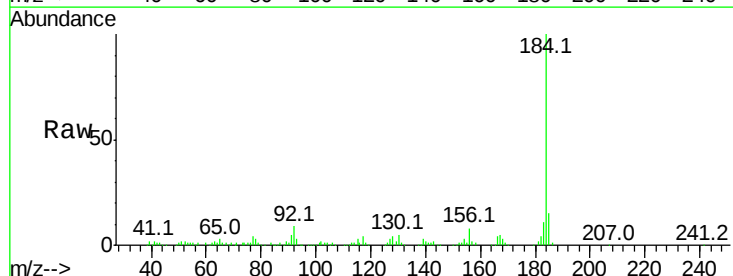
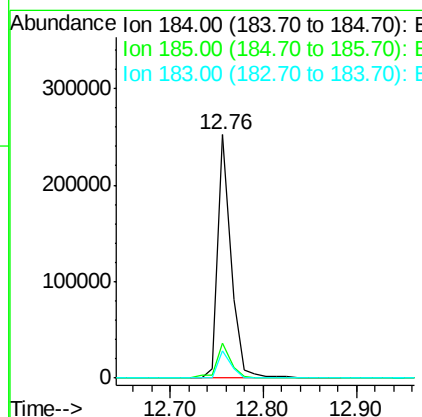
RT: 12.76 min Scan# 916

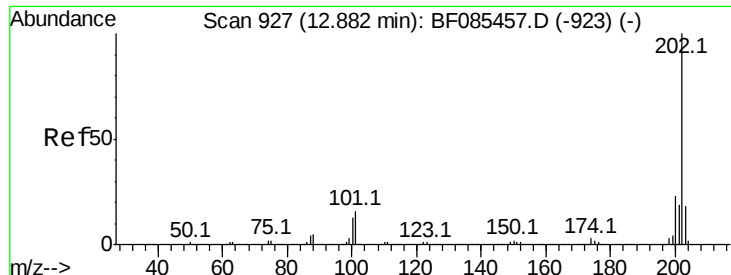
Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.4	18.6	
183	11.4	9.4	14.2	





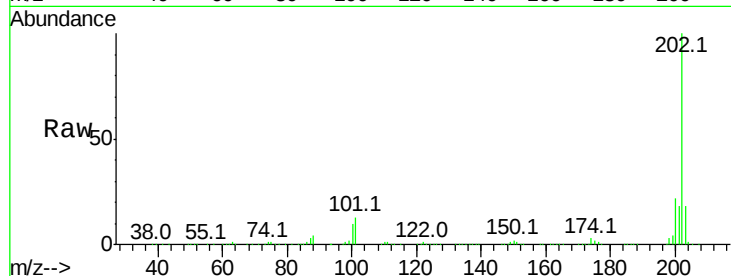
#77
Pvrene
Concen: 99.18 ng
RT: 12.87 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

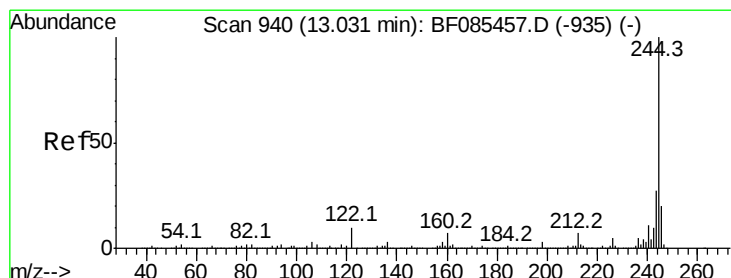
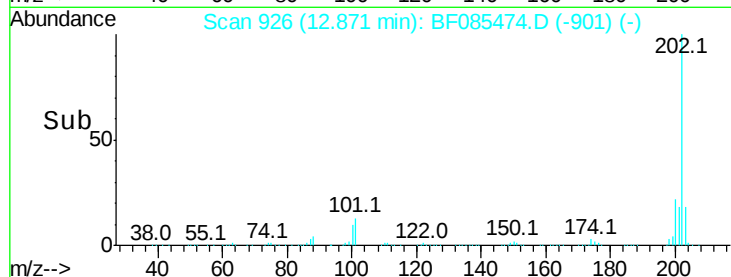
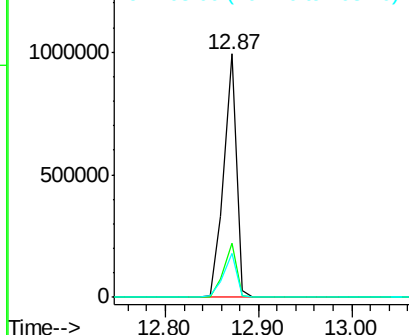
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	18.2	27.4
203	17.9	14.7	22.1

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM

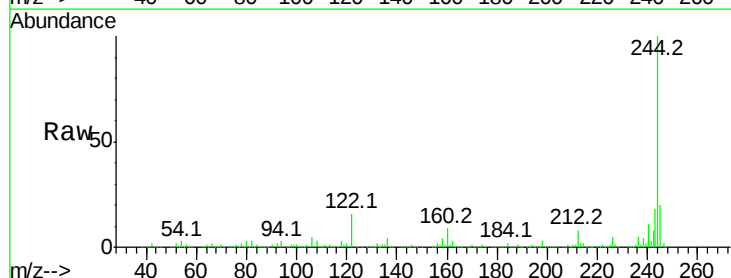


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

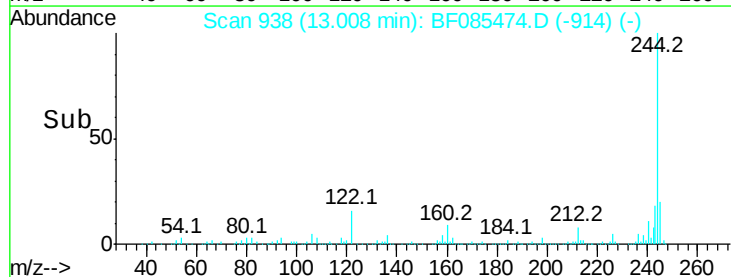
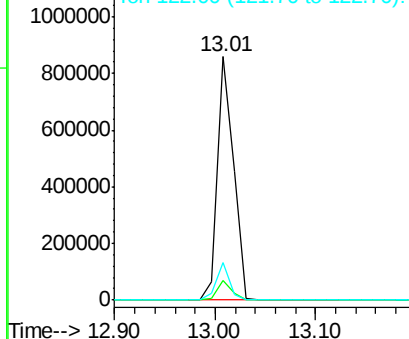


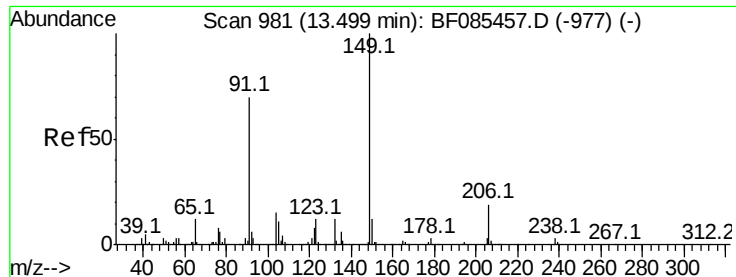
#78
Terphenyl-d14
Concen: 170.98 ng
RT: 13.01 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.5	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 94.54 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

ClientSampleId :

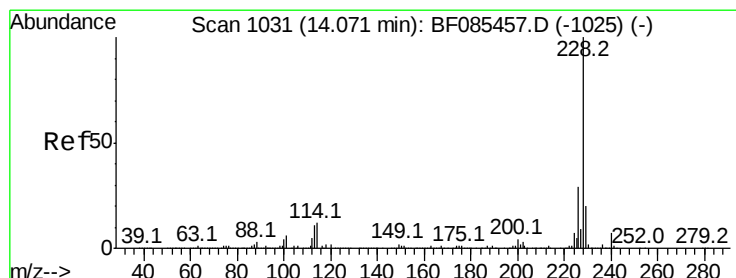
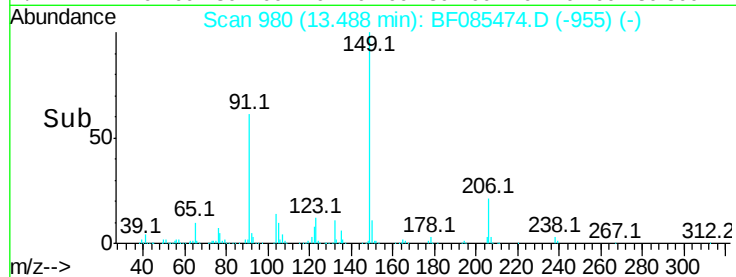
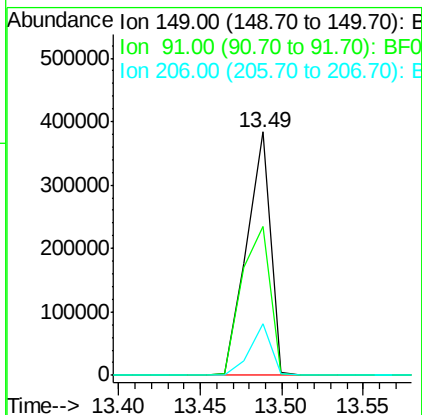
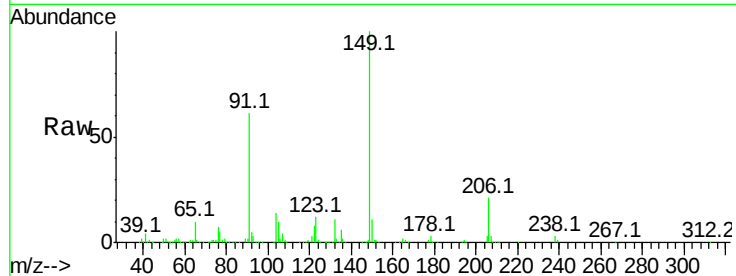
SB-1(8-9)MSD

Tot Ion:149 Resp: 390477
Ion Ratio Lower Upper

149	100		
91	61.1	69.0	103.4#
206	21.0	12.3	18.5#

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#80

Benzo(a)anthracene

Concen: 83.05 ng

RT: 14.05 min Scan# 1029

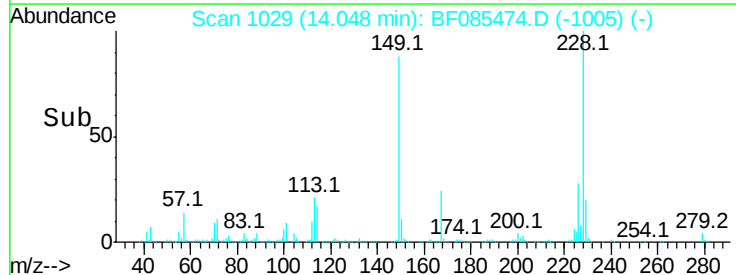
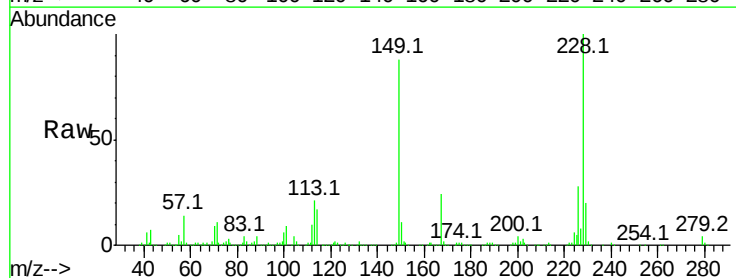
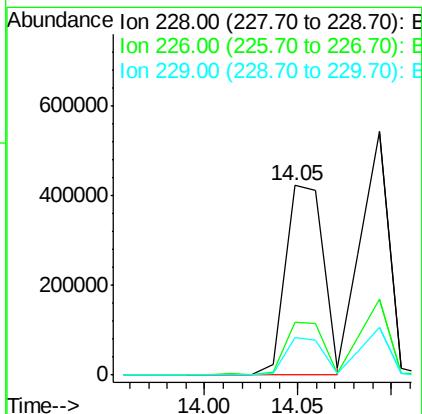
Delta R.T. -0.02 min

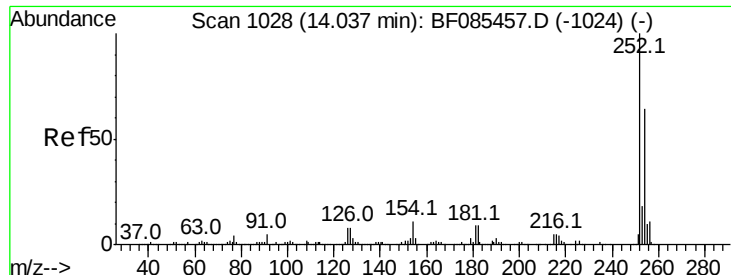
Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:228 Resp: 599689
Ion Ratio Lower Upper

228	100		
226	28.0	22.8	34.2
229	20.0	16.6	24.8





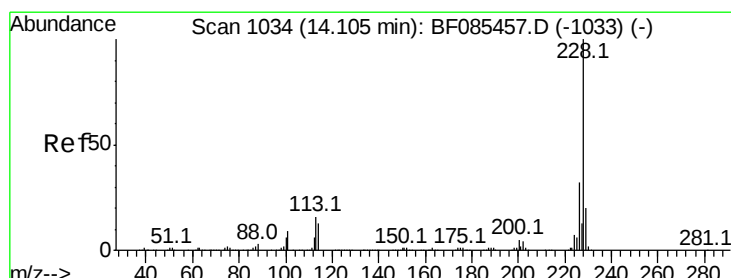
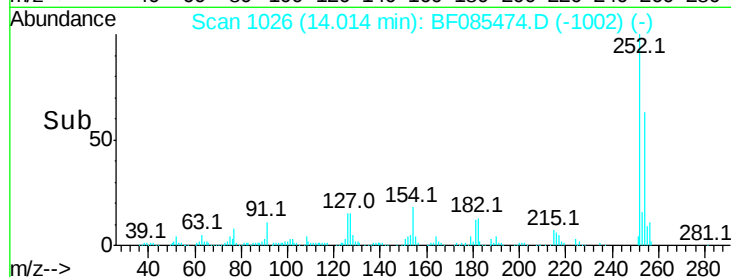
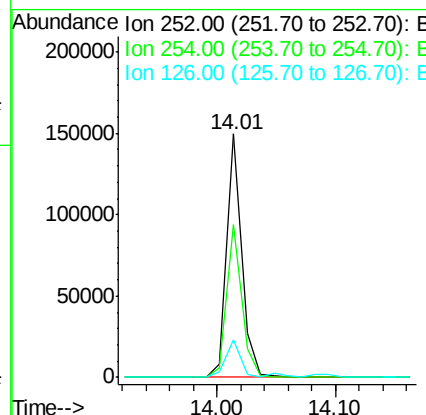
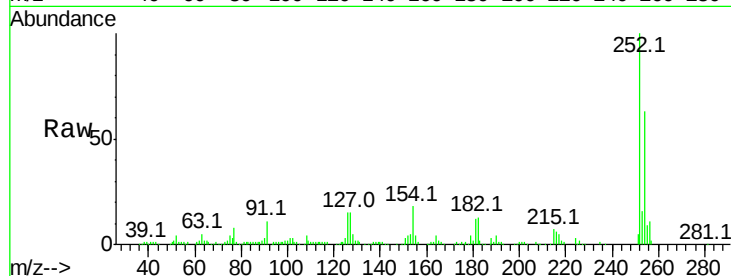
#81
 3,3'-Dichlorobenzidine
 Concen: 52.78 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	62.9	51.4	77.0	
126	15.3	12.9	19.3	

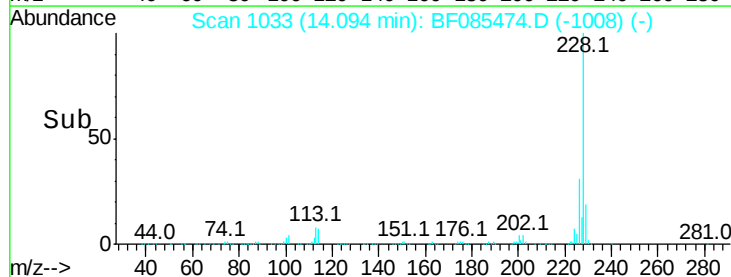
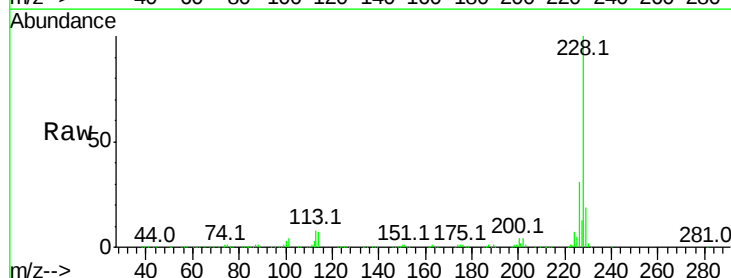
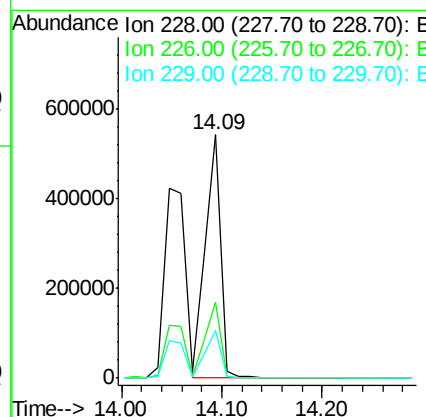
Manual Integrations
 APPROVED

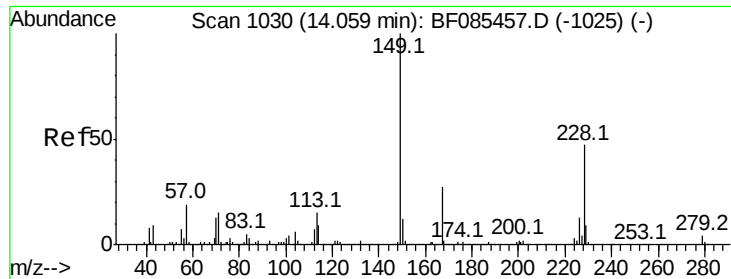
Sohil
 3/17/2016 5:20:06 PM



#82
 Chrysene
 Concen: 88.40 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	25.2	37.8	
229	19.5	16.0	24.0	





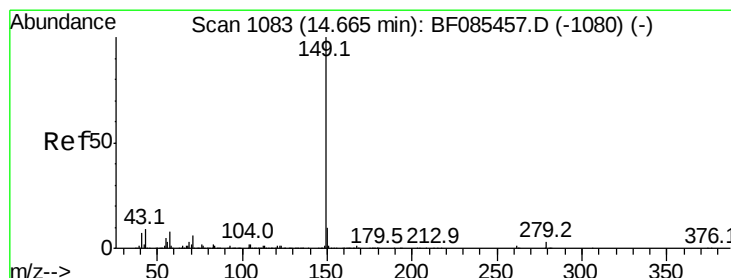
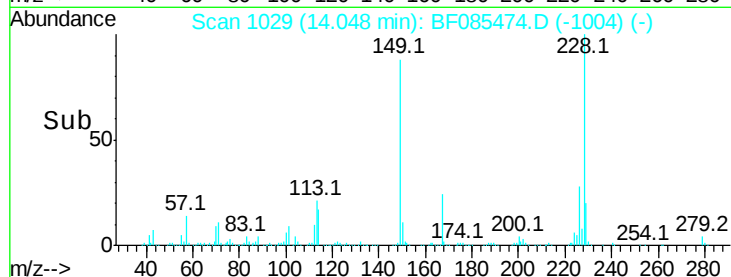
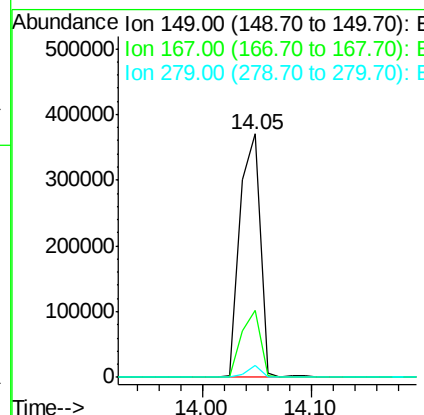
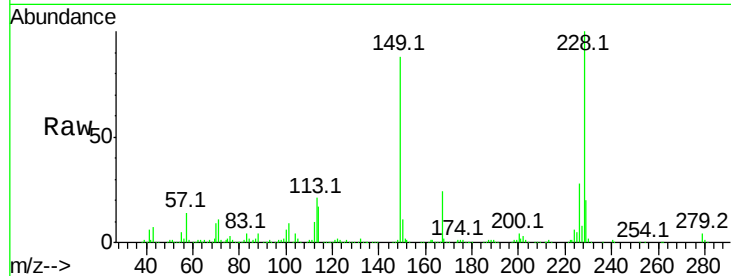
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 93.48 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	470981		
167	27.6	20.3	30.5	
279	4.7	1.9	2.9	

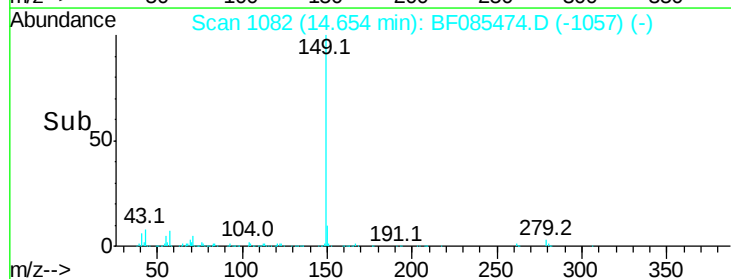
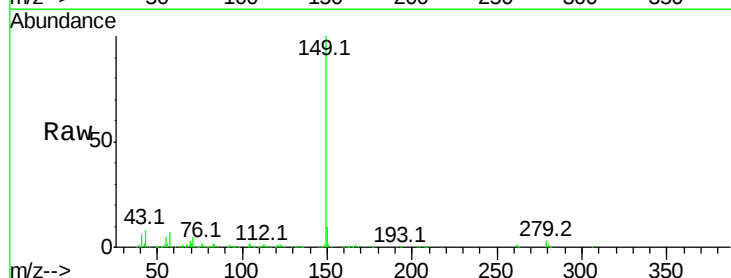
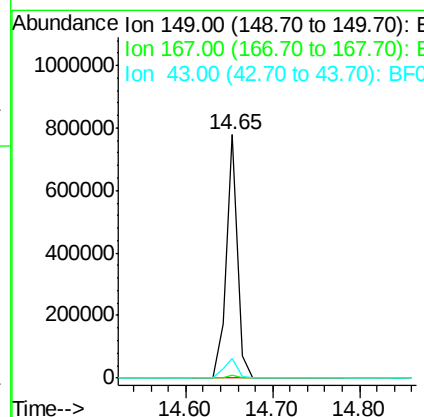
Manual Integrations
 APPROVED

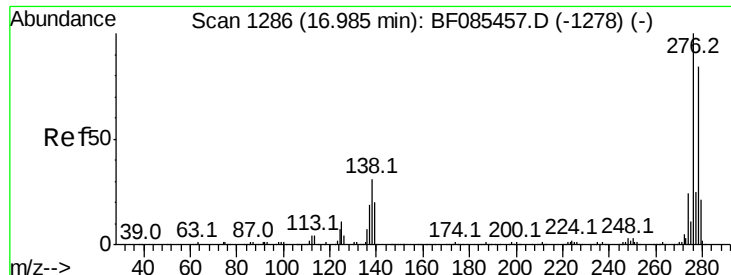
Sohil
 3/17/2016 5:20:06 PM



#84
 Di-n-octyl phthalate
 Concen: 96.01 ng
 RT: 14.65 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	706196		
167	1.5	1.1	1.7	
43	8.9	7.8	11.8	





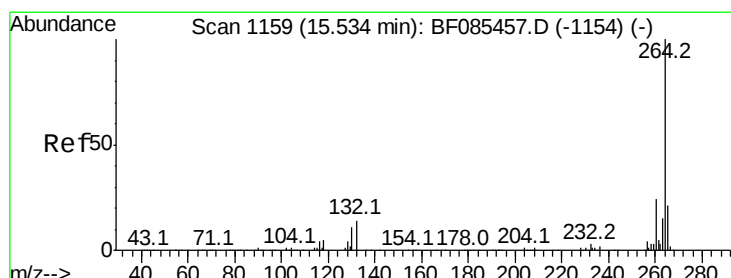
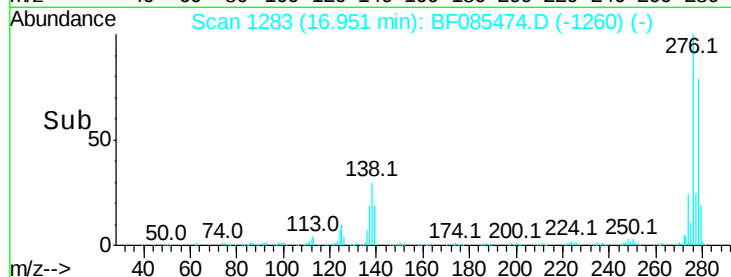
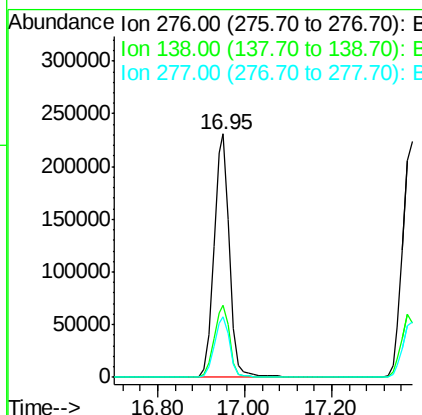
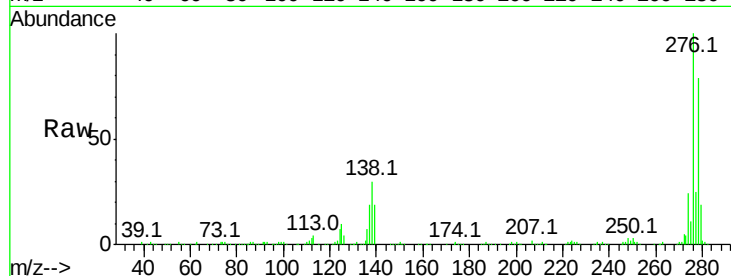
#85
Indeno(1,2,3-cd)pyrene
Concen: 94.70 ng
RT: 16.95 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.0	20.2	30.2

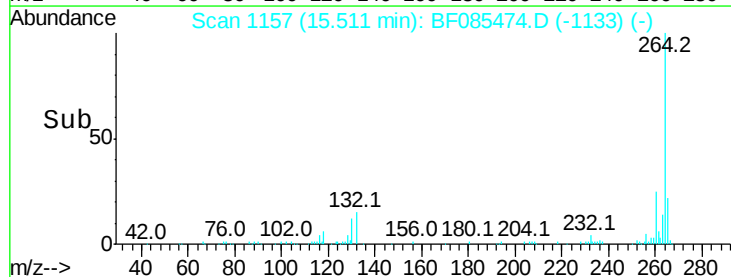
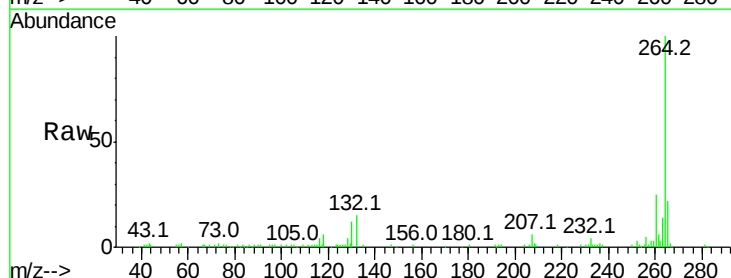
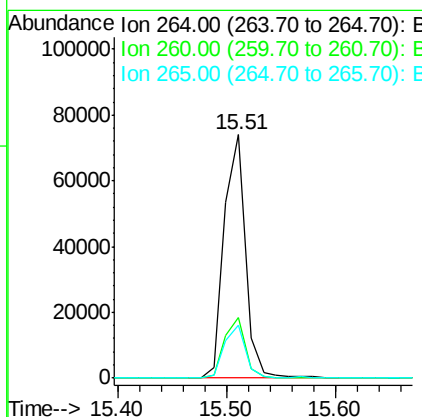
Manual Integrations
APPROVED

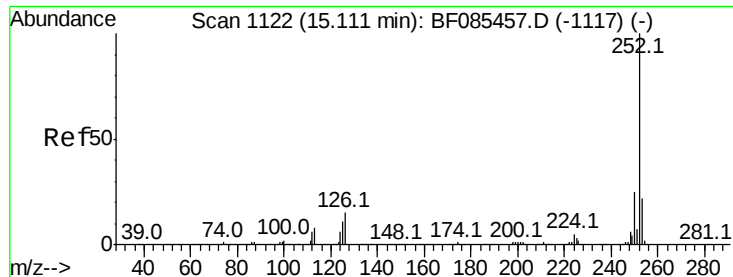
Sohil
3/17/2016 5:20:06 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 70.43 ng m

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Instrument :

BNA_F

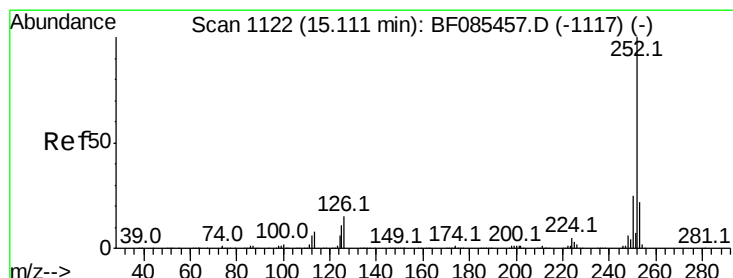
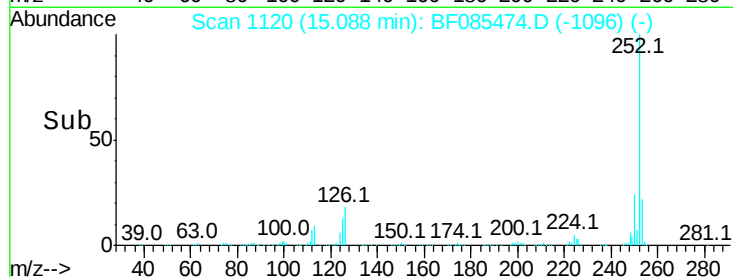
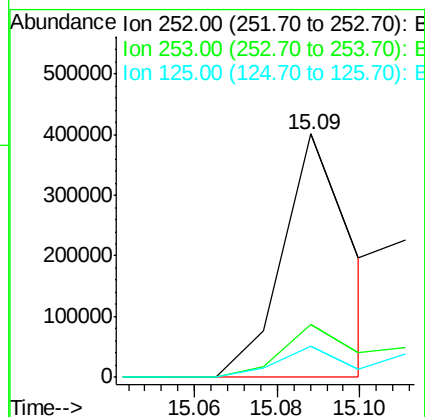
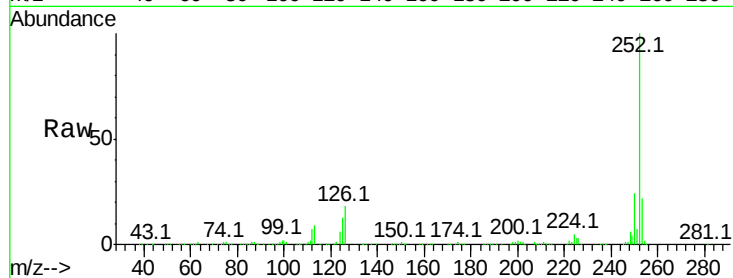
ClientSampleId :

SB-1(8-9)MSD

Tot Ion:	252	Resp:	463444
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	12.8	11.3	16.9

Manual Integrations
APPROVED

Sohil
3/17/2016 5:20:06 PM



#88

Benzo(k)fluoranthene

Concen: 94.61 ng m

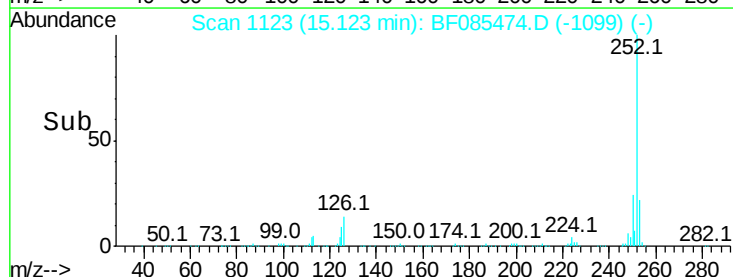
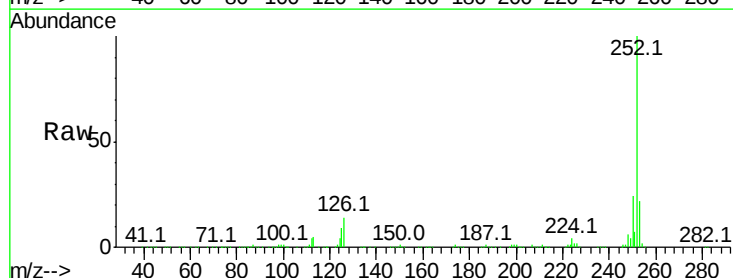
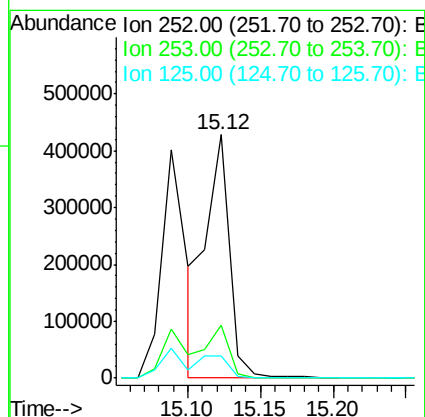
RT: 15.12 min Scan# 1123

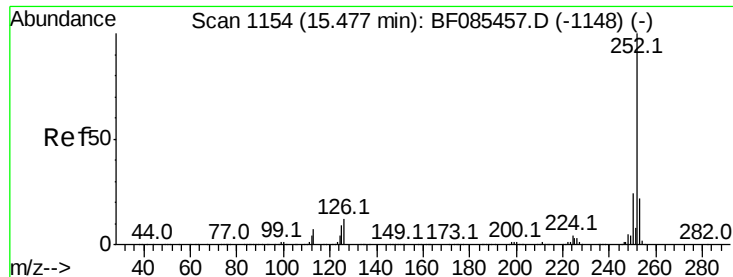
Delta R.T. -0.02 min

Lab File: BF085474.D

Acq: 16 Mar 2016 21:04

Tgt Ion:	252	Resp:	487591
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	9.1	10.4	15.6#





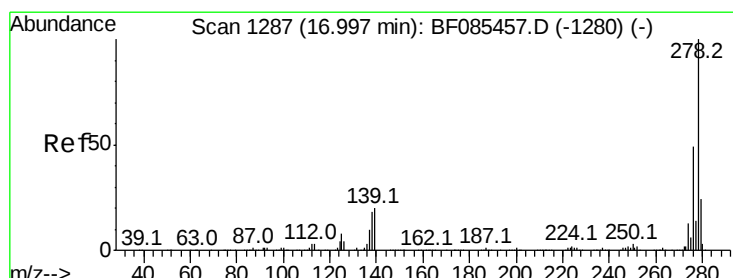
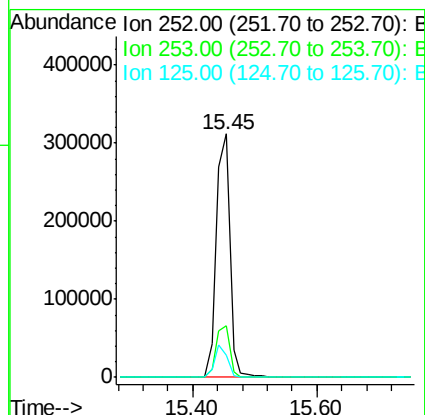
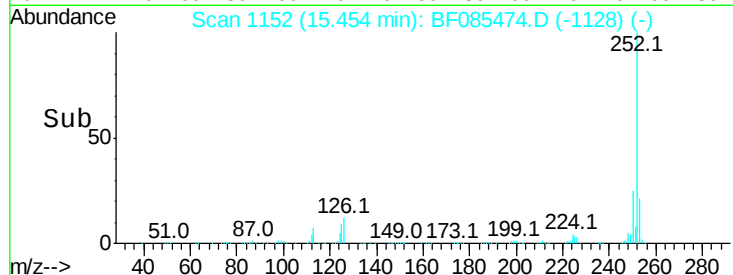
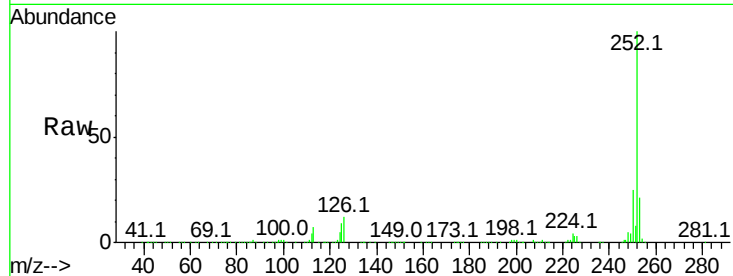
#89
Benzo(a)pyrene
Concen: 82.30 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	9.4	8.2	12.4

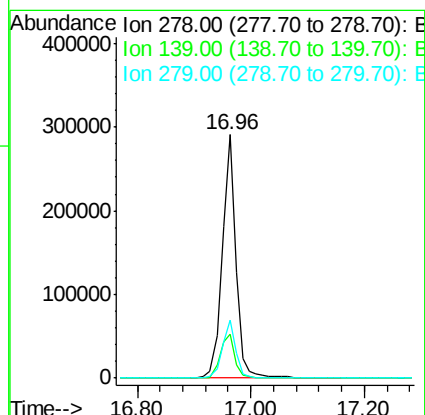
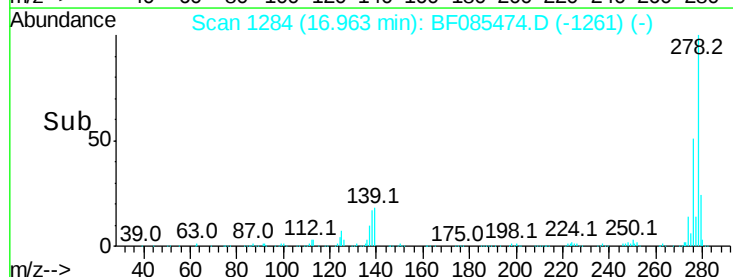
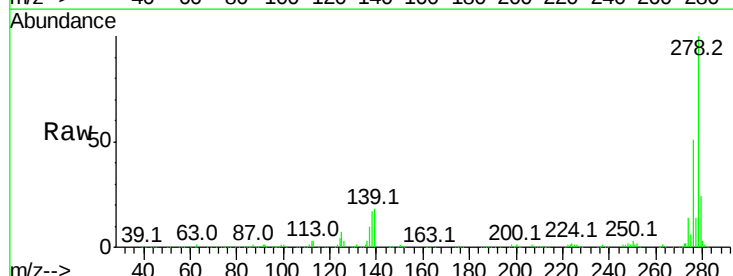
Manual Integrations
APPROVED

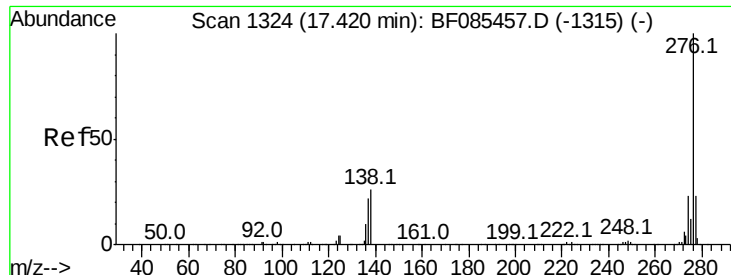
Sohil
3/17/2016 5:20:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 88.19 ng
RT: 16.96 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF085474.D
Acq: 16 Mar 2016 21:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.3	25.9
279	24.1	19.2	28.8





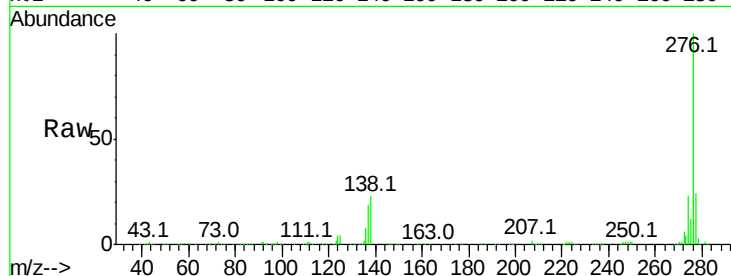
#91
 Benzo(a,h,i)perylene
 Concen: 89.02 ng
 RT: 17.39 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF085474.D
 Acq: 16 Mar 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tot Ion:	276	Resp:	504911
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	22.7	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:06 PM



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

