

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085064.D
 Acq On : 13 Feb 2016 3:13
 Operator : SJ/IZ
 Sample : H1396-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:44:43 PM

Quant Time: Feb 13 04:24:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	145714	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	629780	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	292771	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	524862	20.00	ng	0.00
75) Chrysene-d12	17.18	240	356826	20.00	ng	0.00
86) Perylene-d12	18.80	264	287872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.15	112	1286223	154.35	ng	-0.01
7) Phenol-d6	5.44	99	1835201	165.24	ng	0.00
23) Nitrobenzene-d5	6.72	82	1154657	108.27	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	441983	146.16	ng	0.01
44) 2-Fluorobiphenyl	9.53	172	1655467	80.83	ng	0.00
78) Terphenyl-d14	15.62	244	1255853	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	138434	40.32	ng	# 86
3) Pyridine	2.47	79	319626	39.85	ng	97
4) n-Nitrosodimethylamine	2.46	42	150023	36.36	ng	88
6) Aniline	5.46	93	215073	17.72	ng	# 66
8) 2-Chlorophenol	5.59	128	482029	47.05	ng	91
9) Benzaldehyde	5.42	77	127210	21.26	ng	98
10) Phenol	5.46	94	598094	46.04	ng	# 79
11) bis(2-Chloroethyl)ether	5.54	93	495673	44.11	ng	98
12) 1,3-Dichlorobenzene	5.79	146	449130	44.09	ng	97
13) 1,4-Dichlorobenzene	5.91	146	461801	40.74	ng	98
14) 1,2-Dichlorobenzene	6.11	146	497826	46.72	ng	99
15) Benzyl Alcohol	6.16	79	297926	43.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.30	45	791596	46.26	ng	96
17) 2-Methylphenol	6.33	107	314565	42.41	ng	95
18) Hexachloroethane	6.58	117	197403	47.26	ng	89
19) n-Nitroso-di-n-propylamine	6.50	70	338083	48.32	ng	98
20) 3+4-Methylphenols	6.57	107	378323	42.58	ng	# 87
22) Acetophenone	6.50	105	722978	44.79	ng	99
24) Nitrobenzene	6.74	77	405752	34.82	ng	99
25) Isophorone	7.10	82	905853	47.35	ng	100
26) 2-Nitrophenol	7.22	139	261165	46.76	ng	97
27) 2,4-Dimethylphenol	7.35	122	425180	47.05	ng	98
28) bis(2-Chloroethoxy)methane	7.47	93	582806	49.08	ng	100
29) 2,4-Dichlorophenol	7.63	162	385819	46.97	ng	97
30) 1,2,4-Trichlorobenzene	7.70	180	444699	46.97	ng	100
31) Naphthalene	7.82	128	1476044	48.34	ng	100
33) 4-Chloroaniline	8.04	127	104418	9.02	ng	96
34) Hexachlorobutadiene	8.01	225	246330	46.46	ng	95
35) Caprolactam	8.56	113	94635m	42.86	ng	
36) 4-Chloro-3-methylphenol	8.81	107	434217	46.62	ng	97
37) 2-Methylnaphthalene	8.92	142	940795	48.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	423136	44.73	ng	100
40) Hexachlorocyclopentadiene	9.16	237	330367	83.83	ng	98
42) 2,4,6-Trichlorophenol	9.42	196	221737	42.51	ng	98

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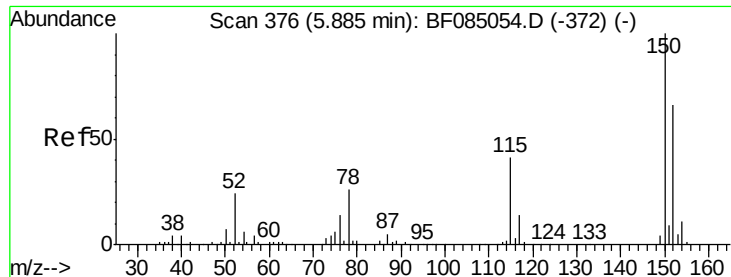
Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:44:43 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.50	196	289785	47.75	nq	96
45) 1,1'-Biphenyl	9.69	154	1184967	44.50	nq	100
46) 2-Chloronaphthalene	9.70	162	879493	46.61	nq	99
47) 2-Nitroaniline	9.94	65	271604	46.62	nq	97
48) Acenaphthylene	10.35	152	1323840	44.19	nq	99
49) Dimethylphthalate	10.24	163	1340544	61.07	nq	100
50) 2,6-Dinitrotoluene	10.33	165	197938	43.95	nq #	90
51) Acenaphthene	10.64	154	830327	45.84	nq	99
52) 3-Nitroaniline	10.65	138	126578	25.30	nq	95
53) 2,4-Dinitrophenol	10.81	184	121329	64.62	nq	97
54) Dibenzofuran	10.92	168	1182803	48.81	nq	98
55) 4-Nitrophenol	11.03	139	257146	80.11	nq	92
56) 2,4-Dinitrotoluene	10.99	165	292507	47.68	nq	90
57) Fluorene	11.48	166	941013	45.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	258924	53.94	nq	96
59) Diethylphthalate	11.38	149	994376	45.71	nq	98
60) 4-Chlorophenyl-phenylether	11.51	204	442993	44.49	nq	94
61) 4-Nitroaniline	11.64	138	198665	43.21	nq	98
62) Azobenzene	11.77	77	1021465	48.74	nq	97
64) 4,6-Dinitro-2-methylphenol	11.64	198	126594	42.48	nq	87
65) n-Nitrosodiphenylamine	11.72	169	790834	47.45	nq	99
66) 4-Bromophenyl-phenylether	12.30	248	269240	46.05	nq #	89
67) Hexachlorobenzene	12.35	284	288205	46.11	nq	97
68) Atrazine	12.64	200	212472	43.99	nq	97
69) Pentachlorophenol	12.72	266	231123	85.06	nq	95
70) Phenanthrene	13.04	178	1288495	44.52	nq	99
71) Anthracene	13.12	178	1456666	48.17	nq	99
72) Carbazole	13.43	167	1221675	48.79	nq	100
73) Di-n-butylphthalate	14.03	149	1476559	44.92	nq	100
74) Fluoranthene	14.96	202	1316181	45.65	nq	99
76) Benzidine	15.27	184	215380	28.31	nq	99
77) Pyrene	15.31	202	1316586	46.13	nq	99
79) Butylbenzylphthalate	16.45	149	556822	46.39	nq	98
80) Benzo(a)anthracene	17.17	228	932600	45.14	nq	99
81) 3,3'-Dichlorobenzidine	17.18	252	101644	16.93	nq	94
82) Chrysene	17.21	228	903302	45.08	nq	99
83) Bis(2-ethylhexyl)phthalate	17.27	149	717884	45.49	nq	99
84) Di-n-octyl phthalate	18.02	149	1076833	48.03	nq	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	817837	49.12	nq	100
87) Benzo(b)fluoranthene	18.41	252	768825m	40.74	nq	
88) Benzo(k)fluoranthene	18.43	252	732134m	48.56	nq	
89) Benzo(a)pyrene	18.74	252	727126	45.56	nq	98
90) Dibenzo(a,h)anthracene	20.11	278	685396	45.24	nq	97
91) Benzo(g,h,i)perylene	20.47	276	698615	44.41	nq	98

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



#1

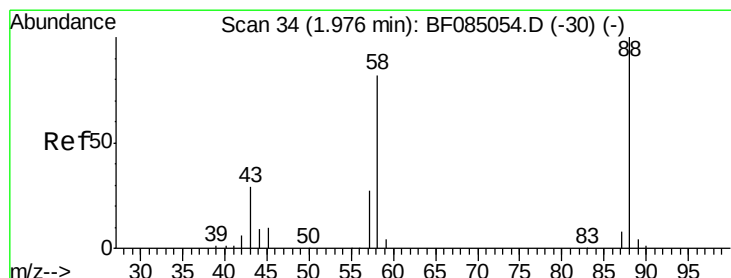
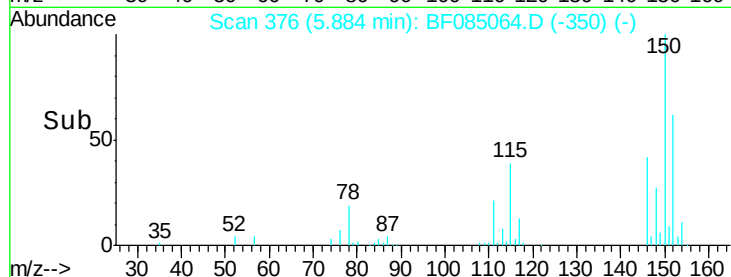
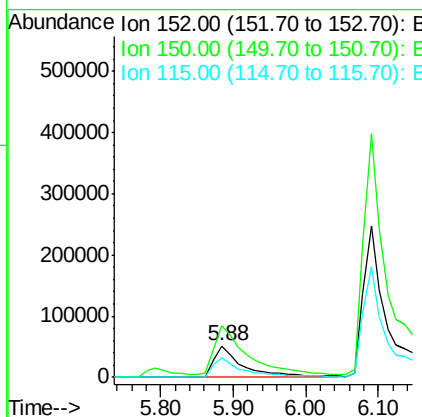
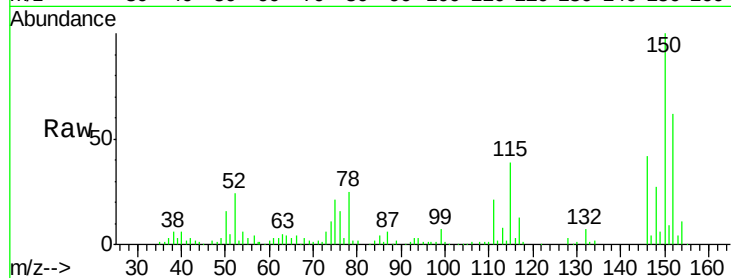
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	127.4	191.2
115	62.5	50.5	75.7

Manual Integrations
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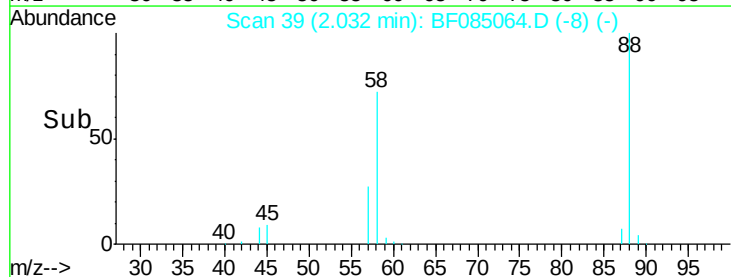
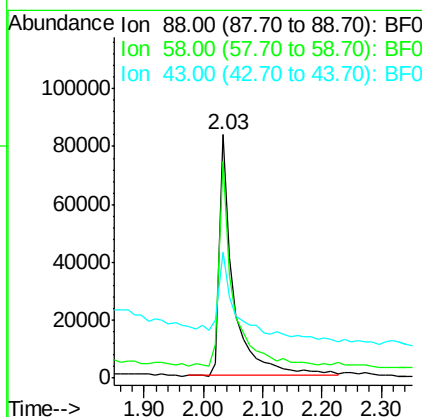
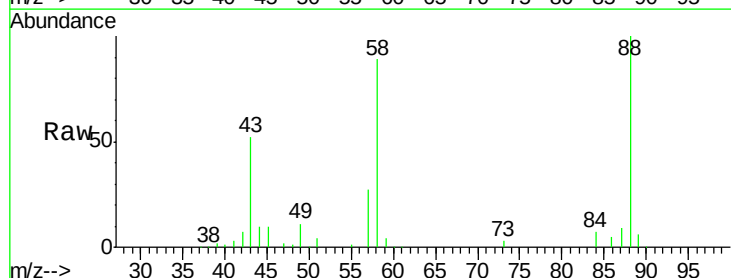
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2/15/2016 4:44:43 PM

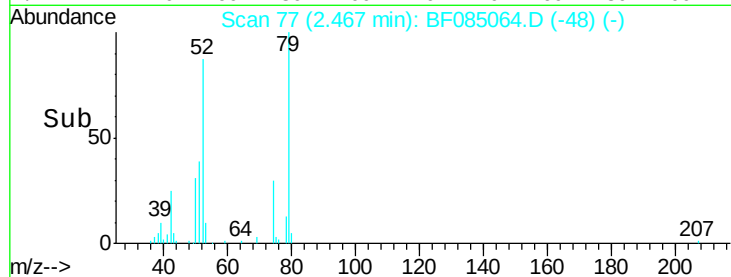
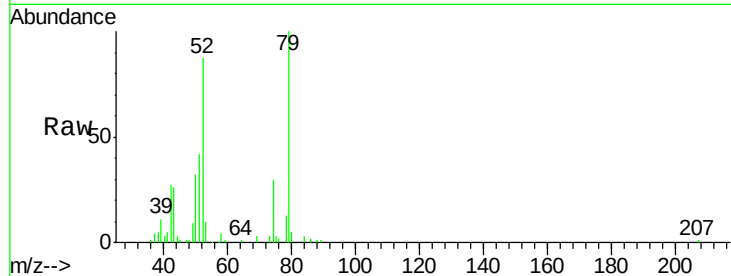
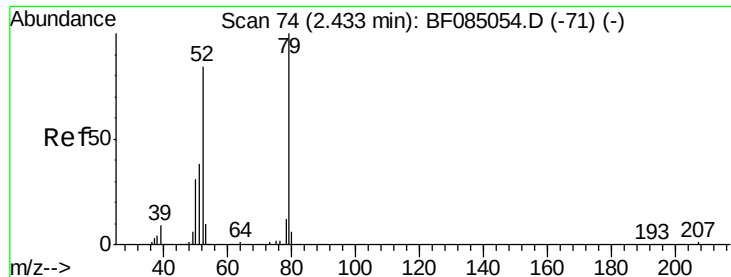


#2

1,4-Dioxane
Concen: 40.32 ng
RT: 2.03 min Scan# 39
Delta R.T. 0.06 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	70.9	106.3
43	51.0	25.9	38.9#





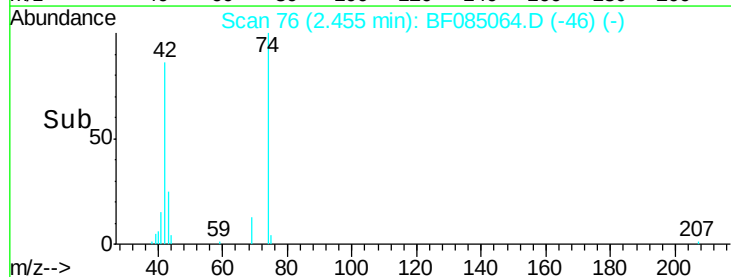
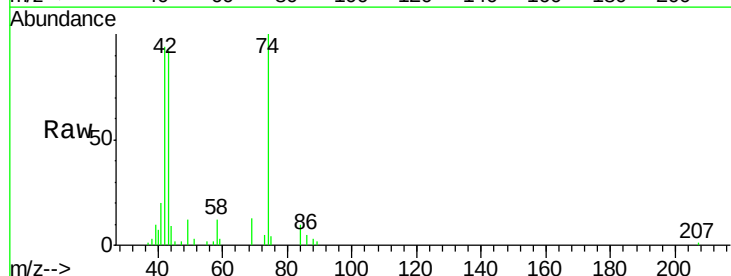
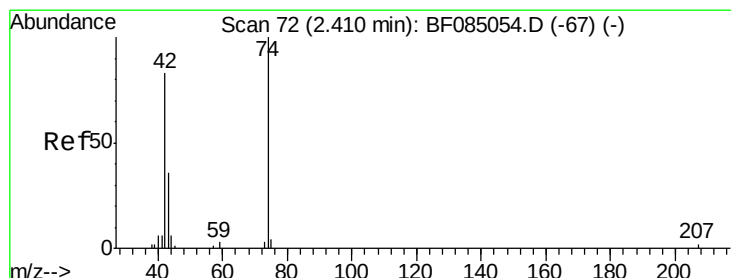
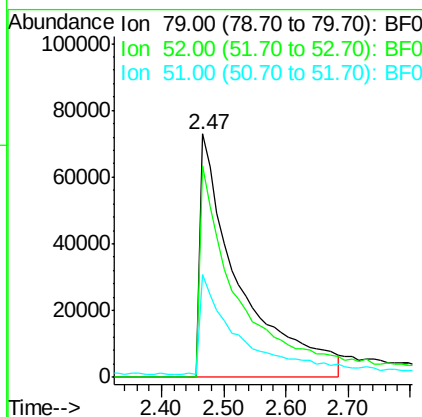
#3
 Pvridine
 Concen: 39.85 ng
 RT: 2.47 min Scan# 77
 Delta R.T. 0.03 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tot Ion:	79	Resp:	319626
Ion Ratio	Lower	Upper	
79	100		
52	87.0	67.1	100.7
51	42.4	32.7	49.1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

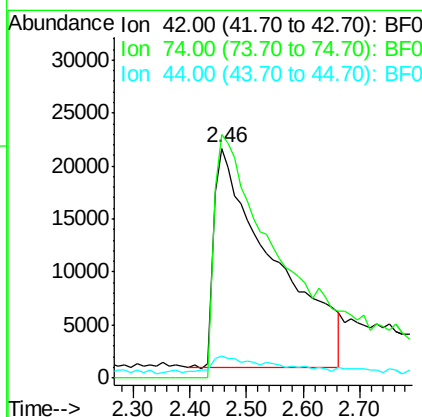
Manual Integrations
 APPROVED

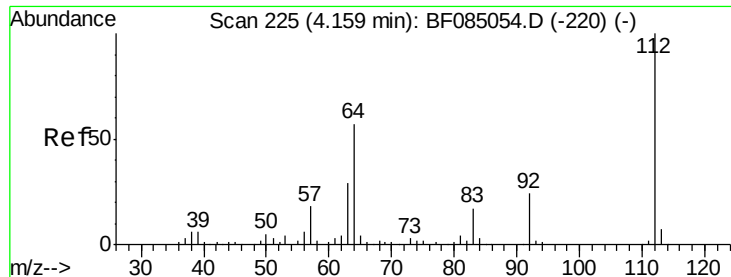
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#4
 n-Nitrosodimethylamine
 Concen: 36.36 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:	42	Resp:	150023
Ion Ratio	Lower	Upper	
42	100		
74	106.1	96.2	144.4
44	9.4	7.0	10.4





#5

2-Fluorophenol

Concen: 154.35 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion:112 Resp: 1286223

Ion Ratio Lower Upper

112 100

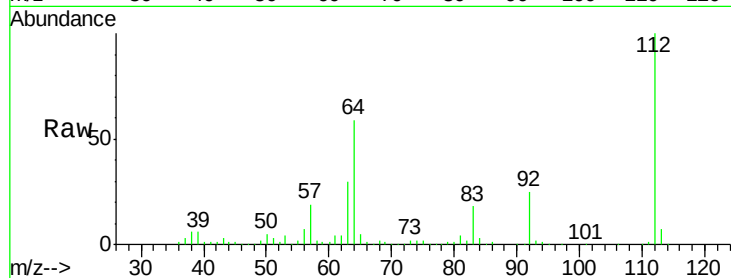
64 59.2 45.4 68.2

63 30.3 23.2 34.8

Manual Integrations
APPROVED

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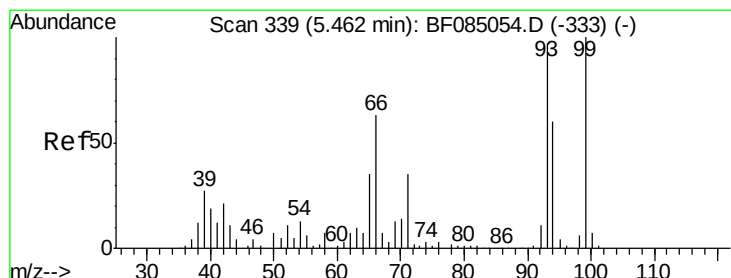
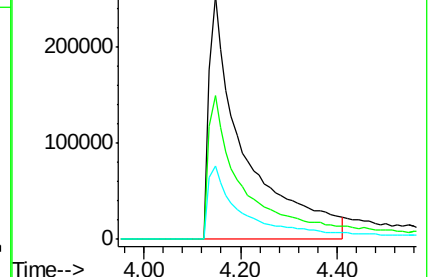
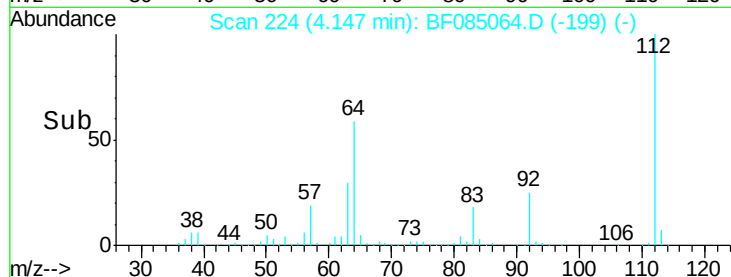
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.72 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

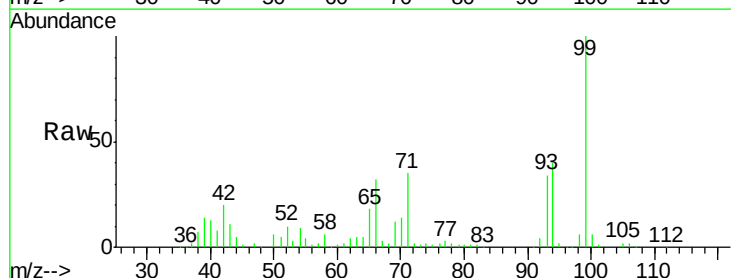
Tgt Ion: 93 Resp: 215073

Ion Ratio Lower Upper

93 100

66 93.5 51.8 77.8#

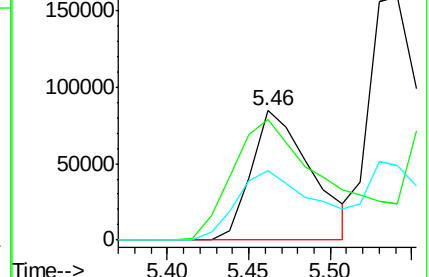
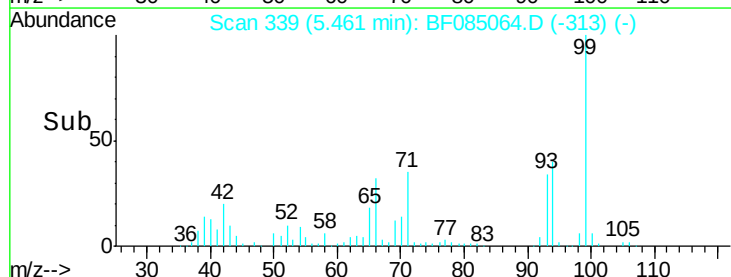
65 53.7 28.5 42.7#

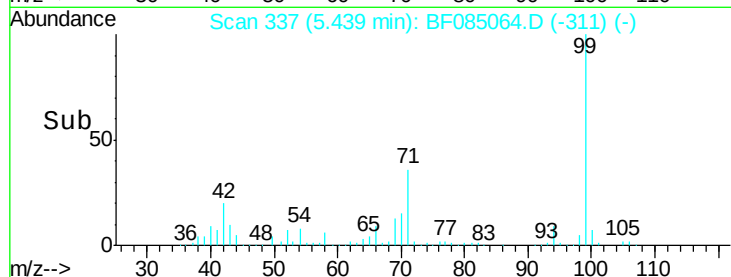
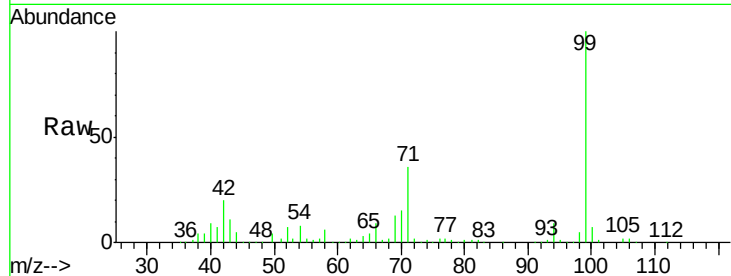
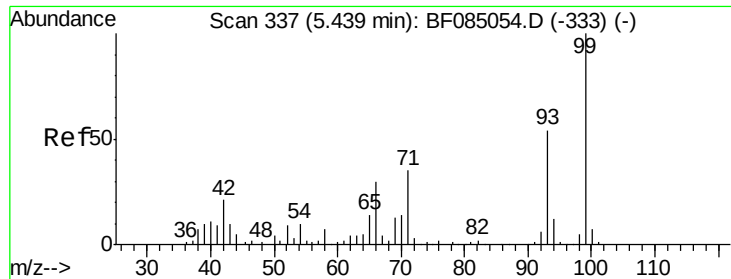


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 165.24 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tot Ion: 99 Resp: 1835201

Ion Ratio Lower Upper

99 100

42 19.9 17.0 25.4

71 36.2 28.3 42.5

Instrument :

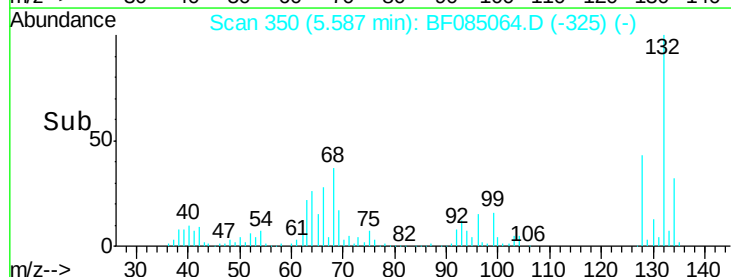
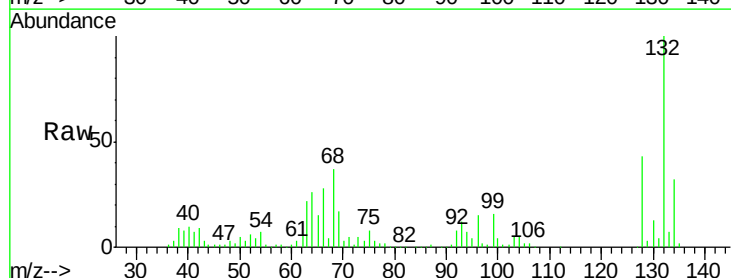
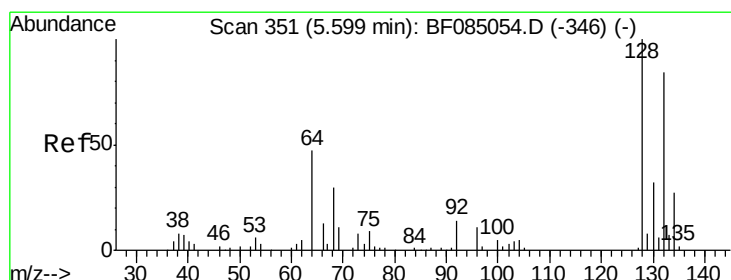
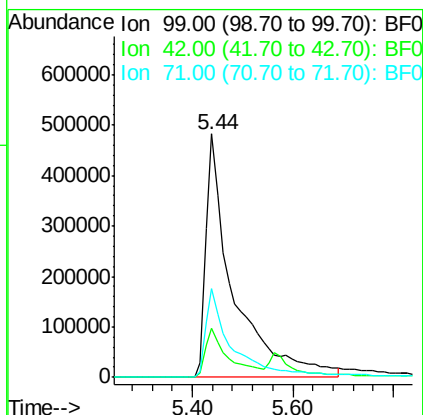
BNA_F

ClientSampleId :

S4-B003(10-12)MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.05 ng

RT: 5.59 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

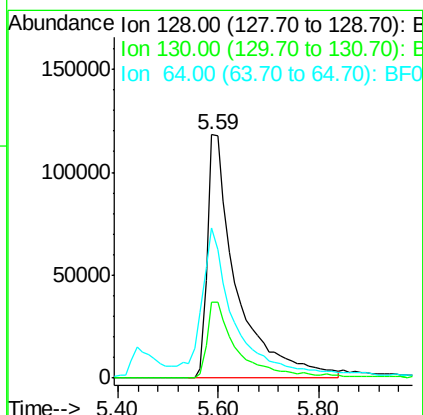
Tgt Ion:128 Resp: 482029

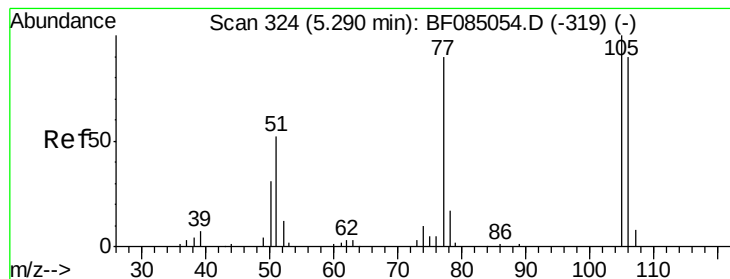
Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

64 61.7 32.1 72.1





#9

Benzaldehyde

Concen: 21.26 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.13 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

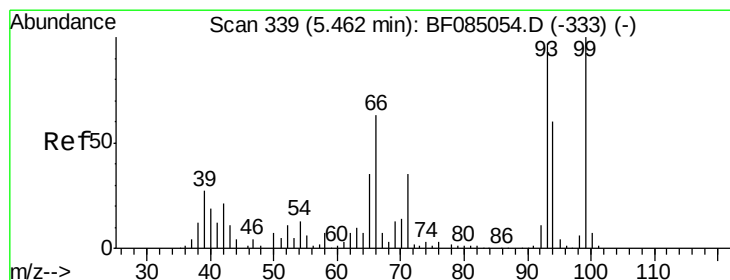
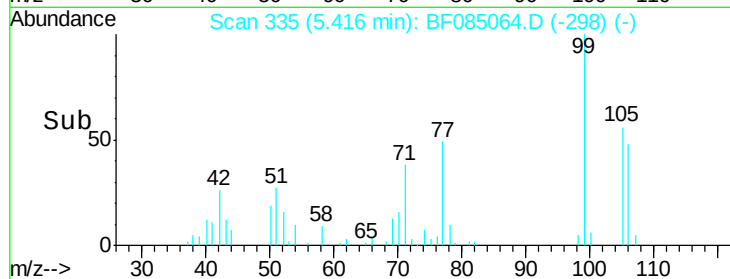
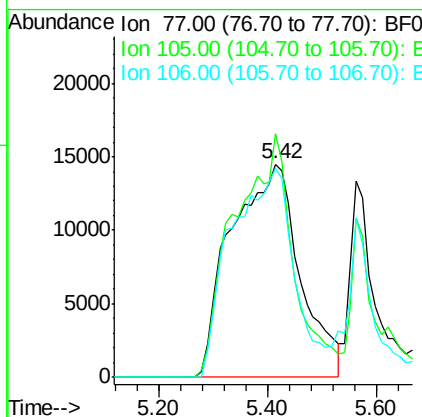
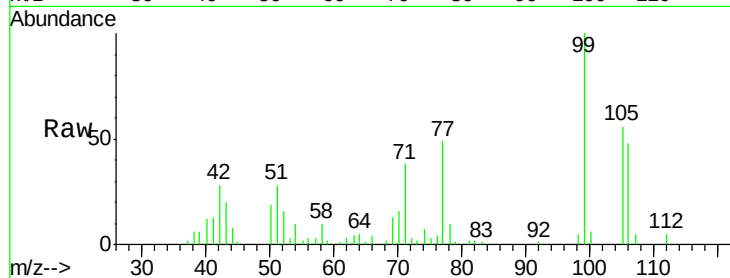
ClientSampleId :

S4-B003(10-12)MS

Manual Integrations
APPROVED

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2/15/2016 4:44:43 PM

Tot Ion:	77	Resp:	127210
Ion Ratio	Lower	Upper	
77	100		
105	114.1	90.9	130.9
106	98.0	79.7	119.7



#10

Phenol

Concen: 46.04 ng

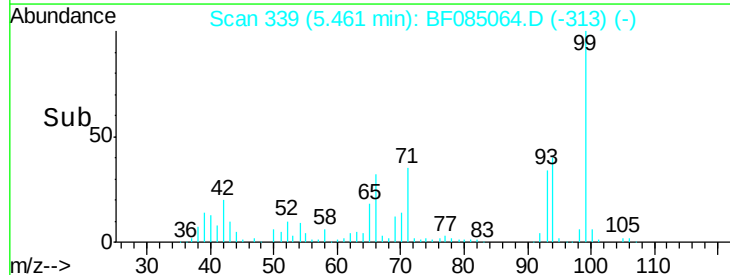
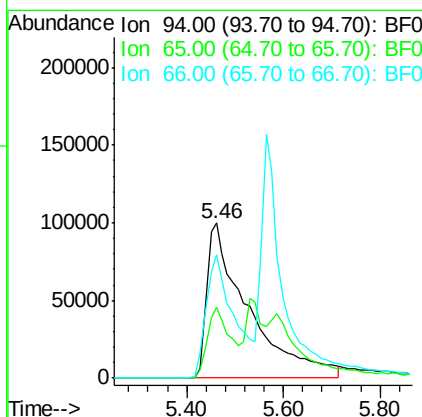
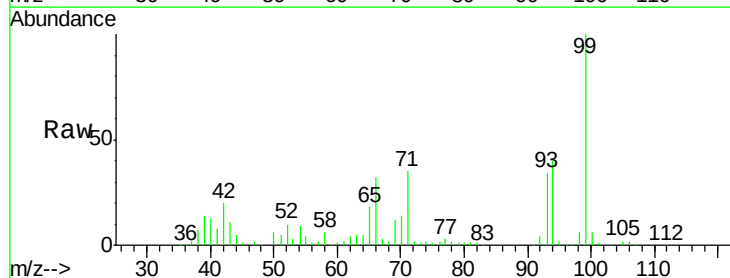
RT: 5.46 min Scan# 339

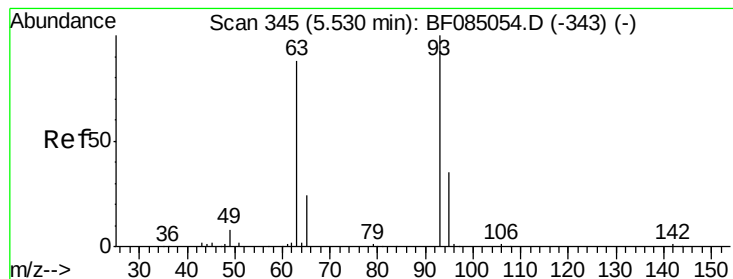
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	94	Resp:	598094
Ion Ratio	Lower	Upper	
94	100		
65	45.4	37.3	77.3
66	79.1	84.1	124.1#





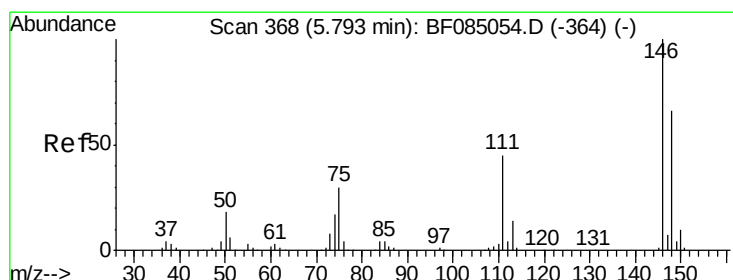
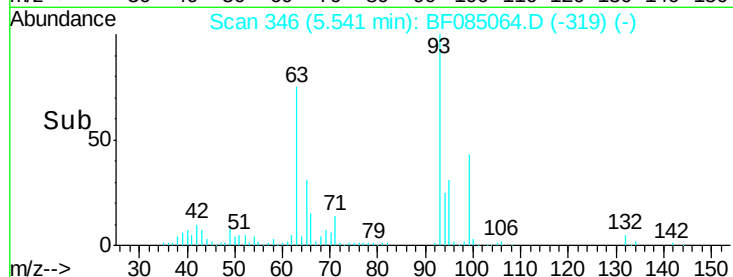
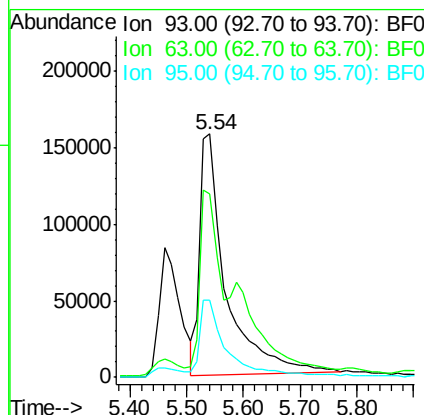
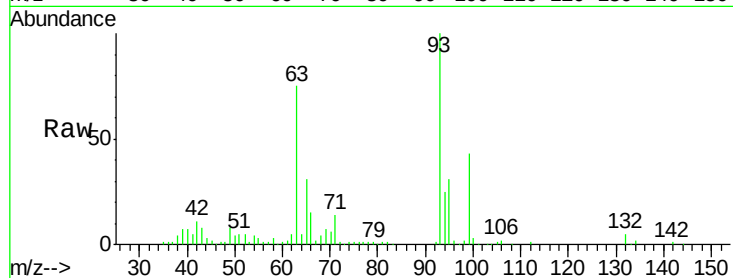
#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 5.54 min Scan# 346
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	495673		
63	75.1	53.6	93.6	
95	31.5	10.1	50.1	

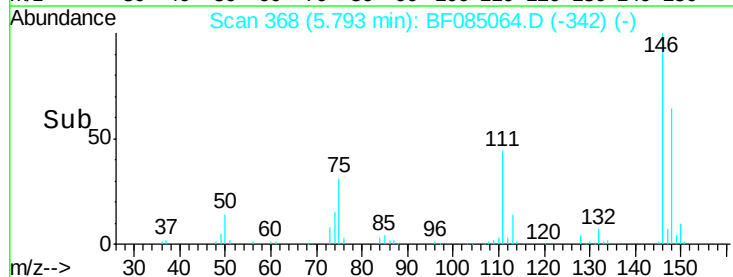
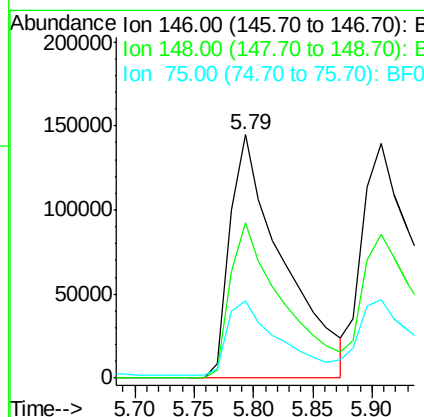
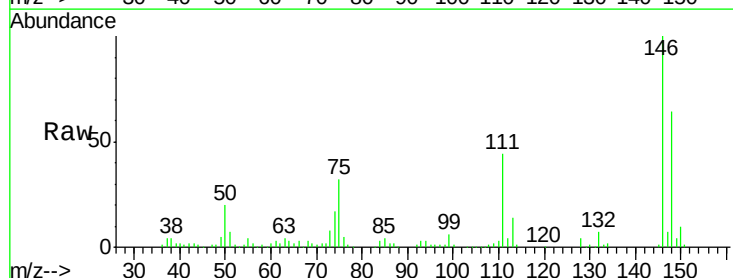
Manual Integrations
APPROVED

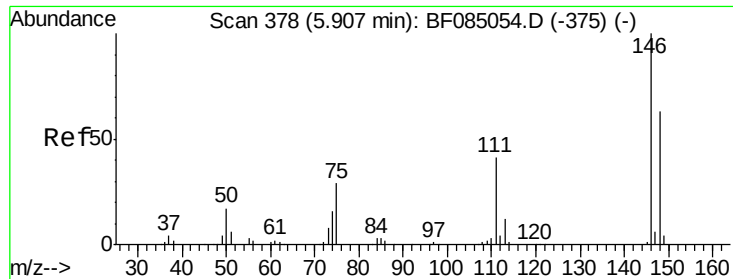
Sohil
2/15/2016 4:44:43 PM



#12
1,3-Dichlorobenzene
Concen: 44.09 ng
RT: 5.79 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	449130		
148	63.9	53.1	79.7	
75	31.5	24.4	36.6	





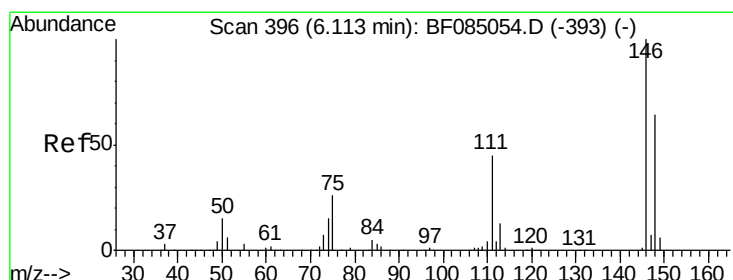
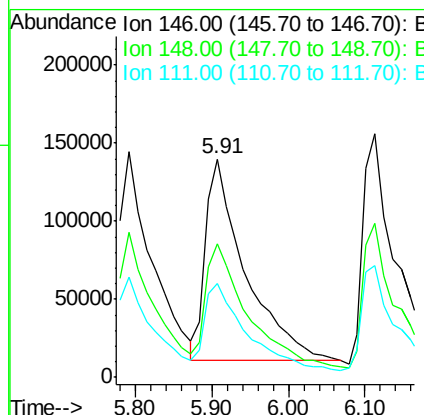
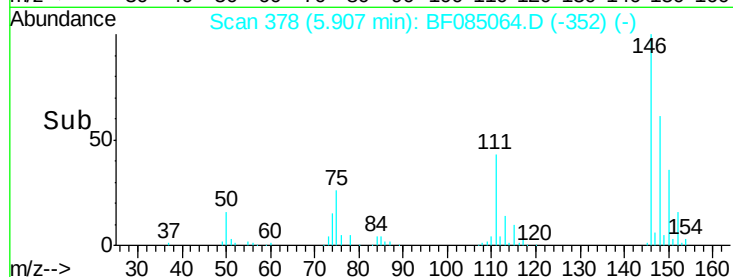
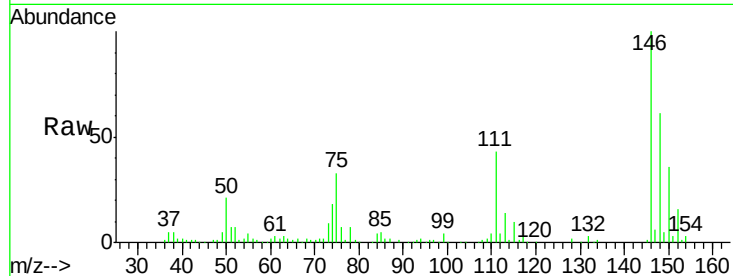
#13
1,4-Dichlorobenzene
Concen: 40.74 ng
RT: 5.91 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.3	75.5
111	42.9	33.6	50.4

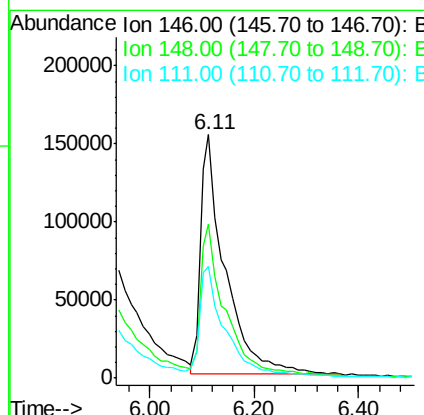
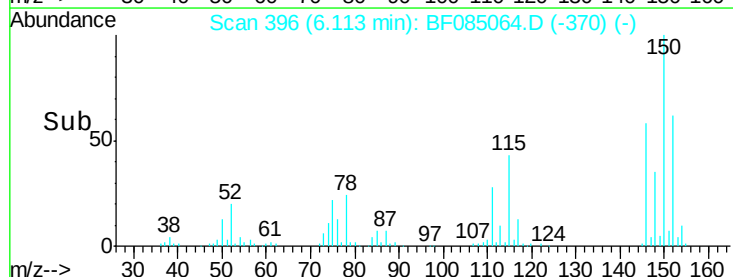
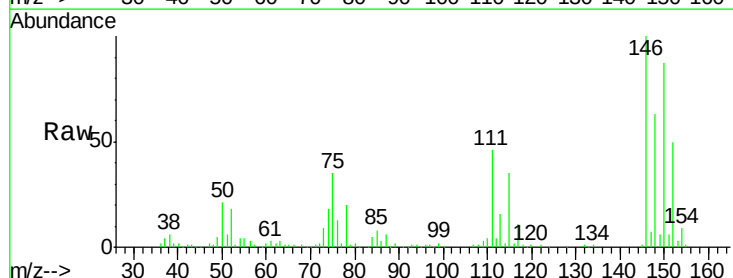
Manual Integrations
APPROVED

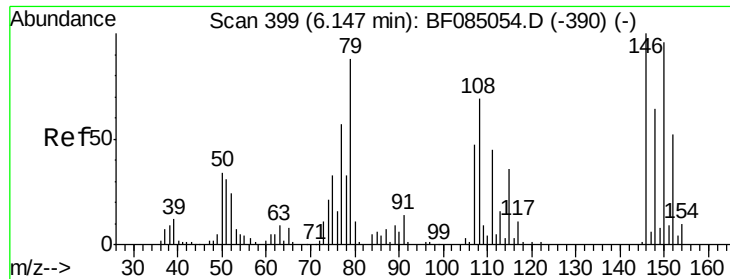
Sohil
2/15/2016 4:44:43 PM



#14
1,2-Dichlorobenzene
Concen: 46.72 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	45.7	36.5	54.7





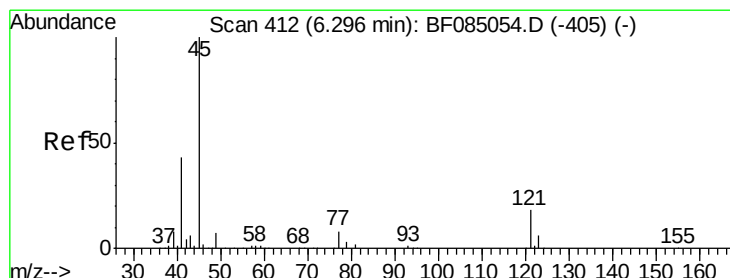
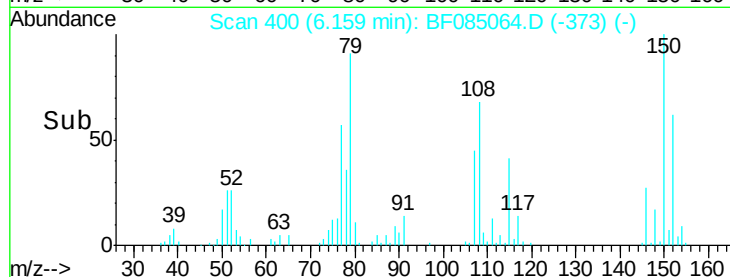
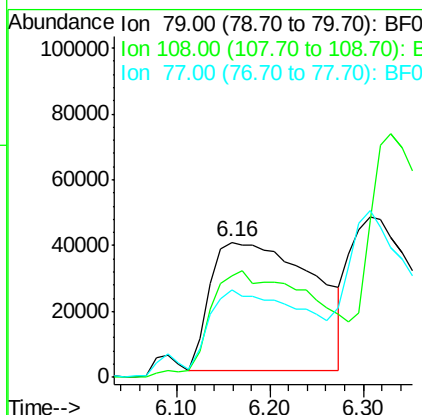
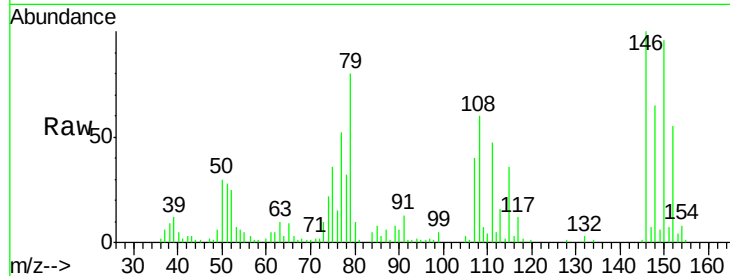
#15
Benzyl Alcohol
Concen: 43.90 ng
RT: 6.16 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	297926		
108	74.8	63.4	95.0	
77	64.6	51.8	77.6	

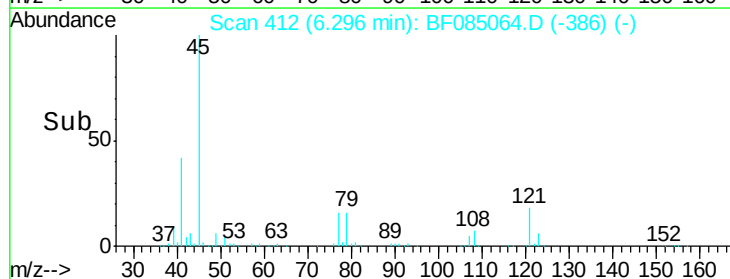
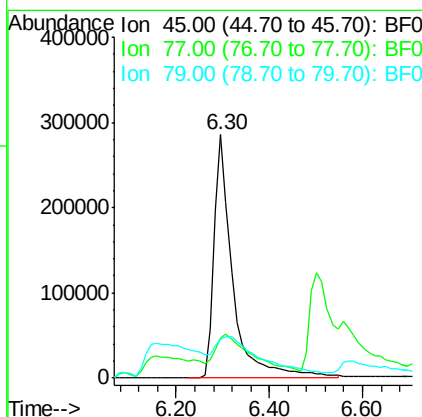
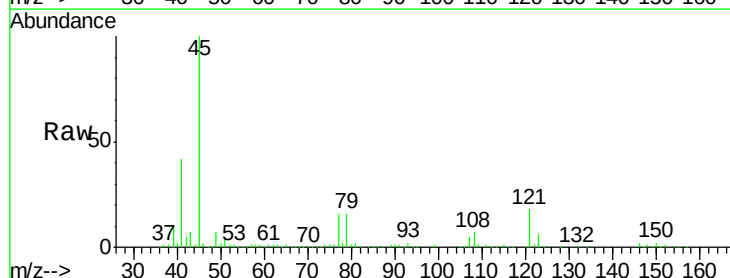
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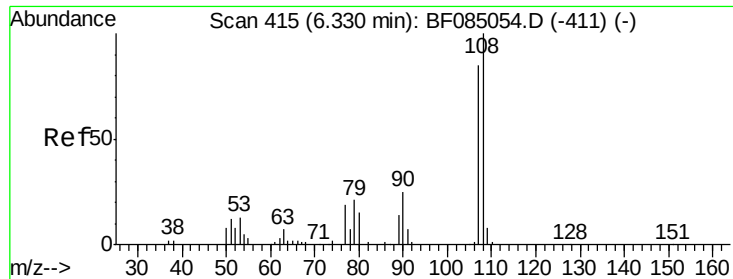
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.26 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	791596		
77	16.4	0.0	35.2	
79	15.8	0.0	33.7	





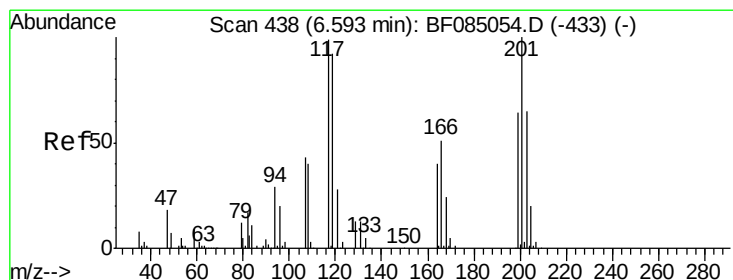
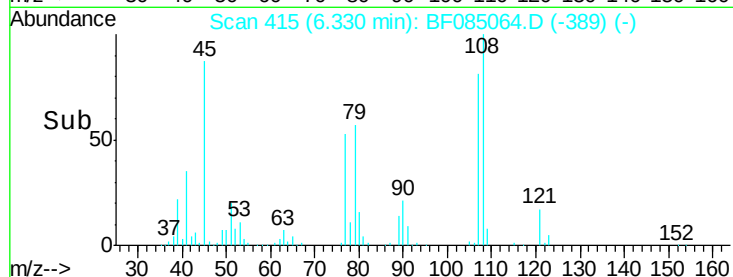
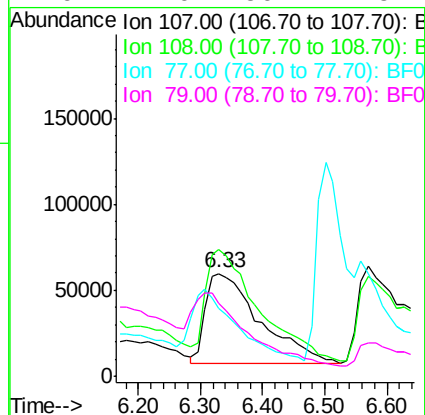
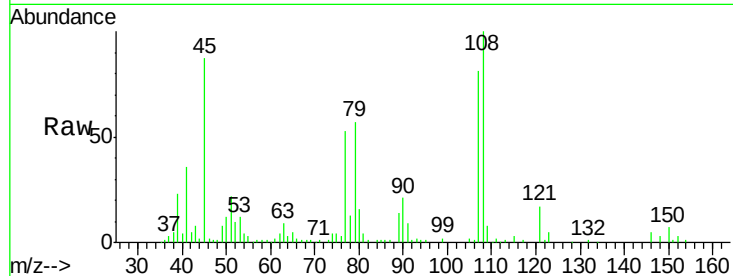
#17
2-Methylphenol
Concen: 42.41 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	123.9	97.0	145.4	
77	65.8	50.5	75.7	
79	71.0	50.1	75.1	

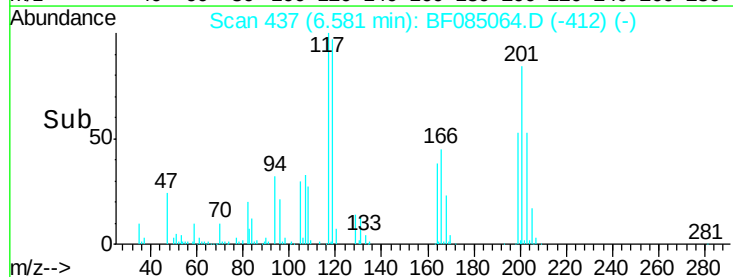
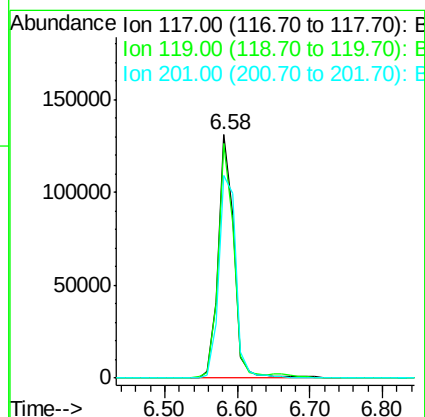
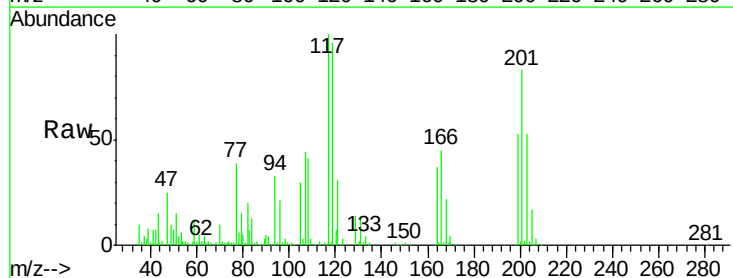
Manual Integrations
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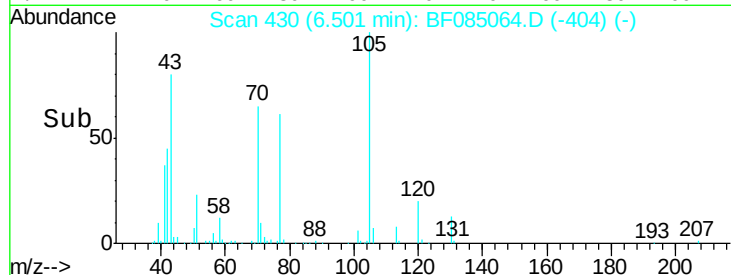
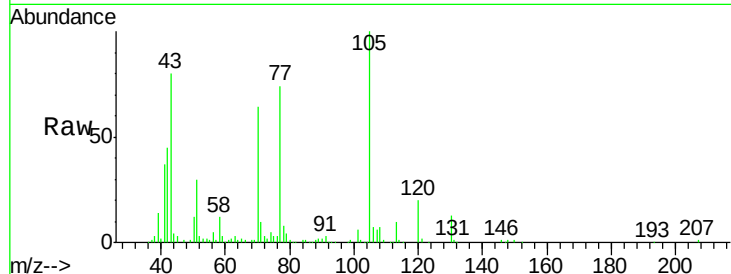
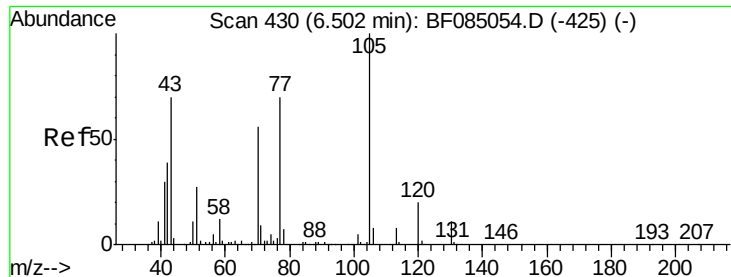
Sohil
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#18
Hexachloroethane
Concen: 47.26 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	74.5	111.7	
201	83.5	80.9	121.3	





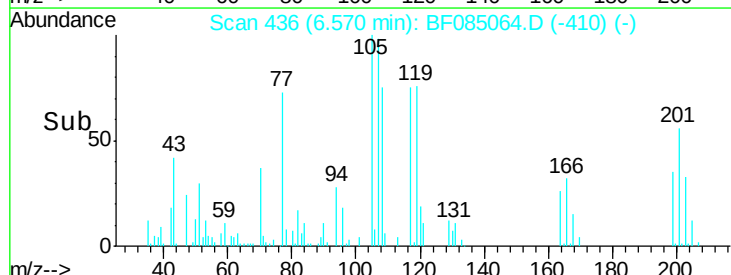
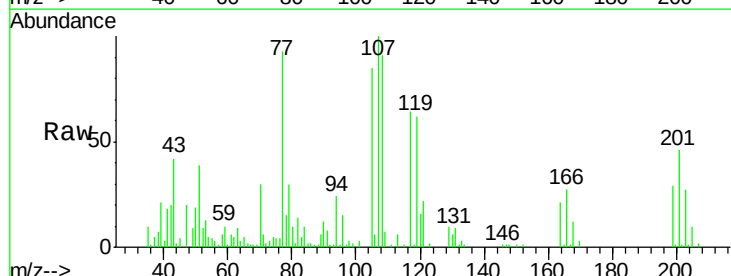
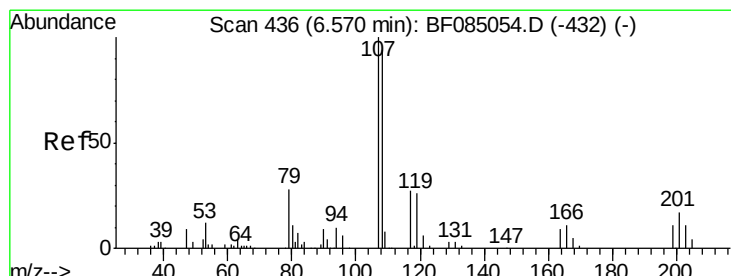
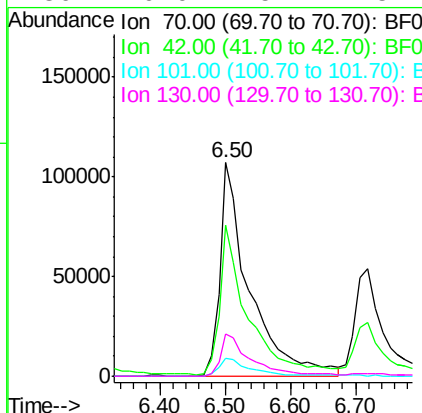
#19
n-Nitroso-di-n-propylamine
Concen: 48.32 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.9	55.8	83.6
101	8.6	7.7	11.5
130	20.0	15.4	23.2

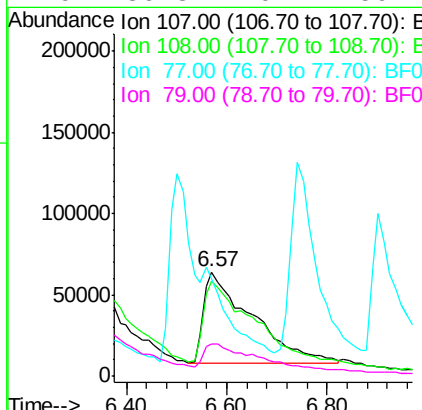
Manual Integrations
APPROVED

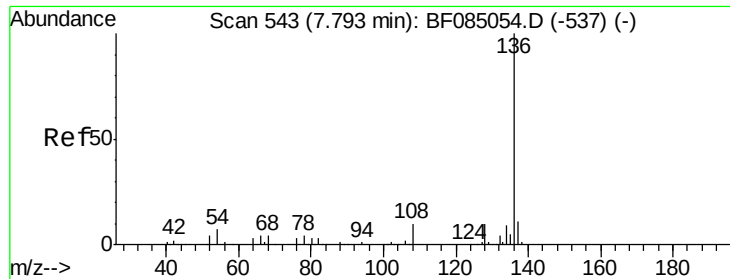
Sohil
2/15/2016 4:44:43 PM



#20
3+4-Methylphenols
Concen: 42.58 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	74.4	114.4
77	93.2	46.9	86.9
79	30.3	10.4	50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

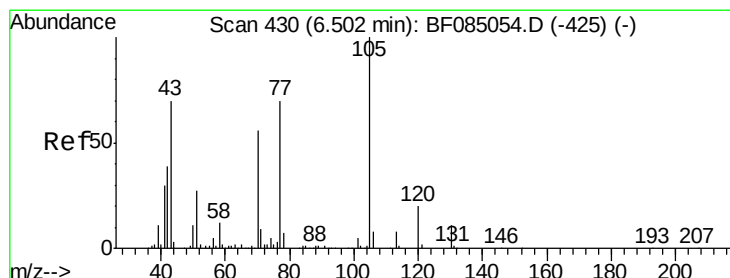
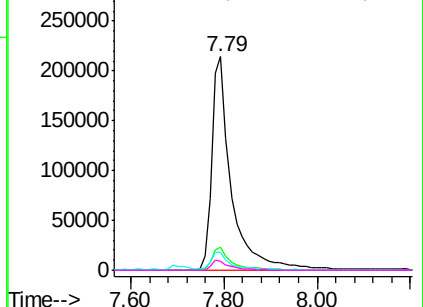
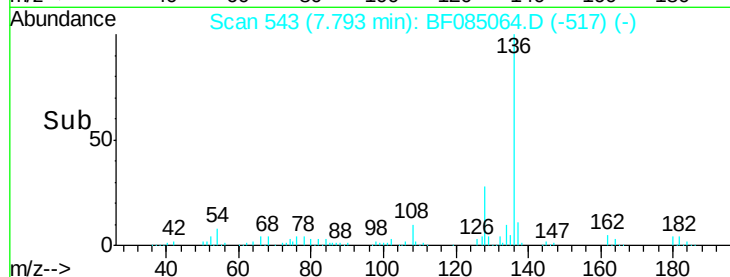
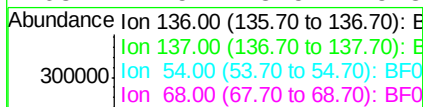
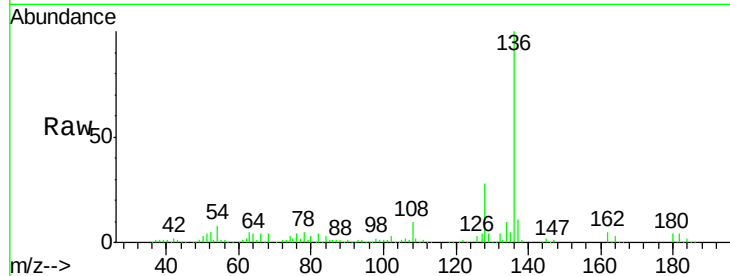
ClientSampleId :

S4-B003(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		629780		
137	10.7		8.9	13.3	
54	8.3		6.1	9.1	
68	4.5		3.5	5.3	

Manual Integrations
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#22

Acetophenone

Concen: 44.79 ng

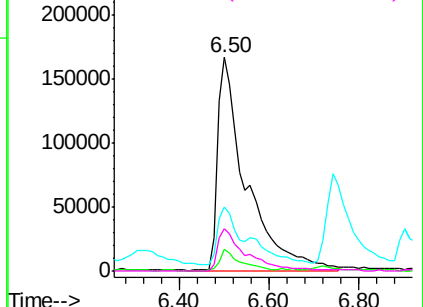
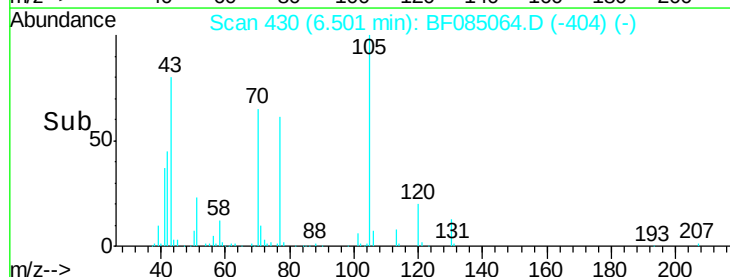
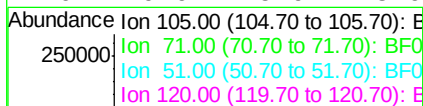
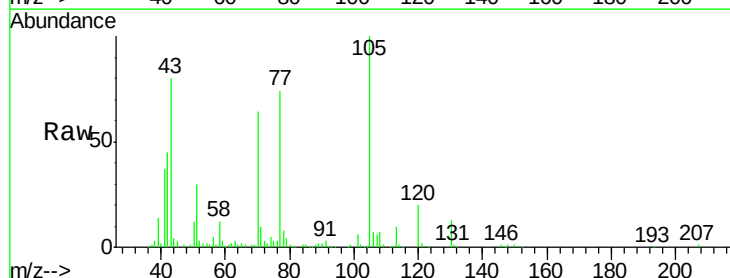
RT: 6.50 min Scan# 430

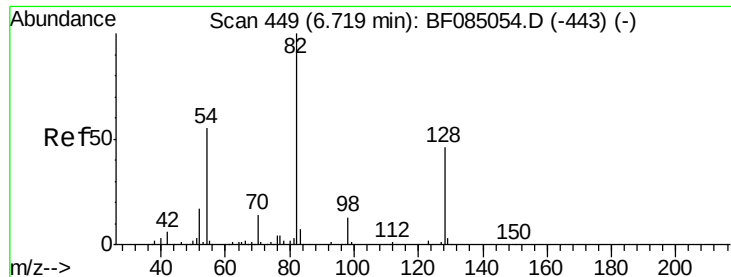
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		722978		
71	10.4		7.5	11.3	
51	29.7		23.1	34.7	
120	19.9		15.9	23.9	





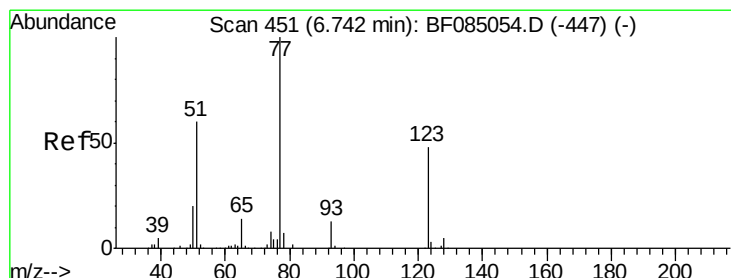
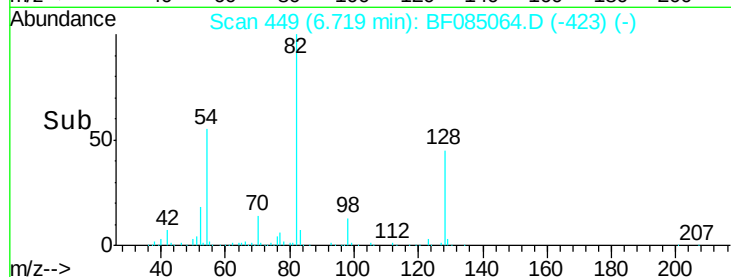
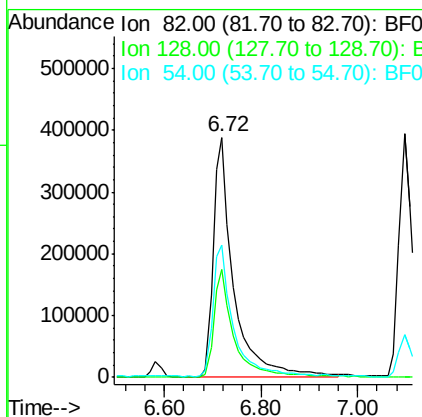
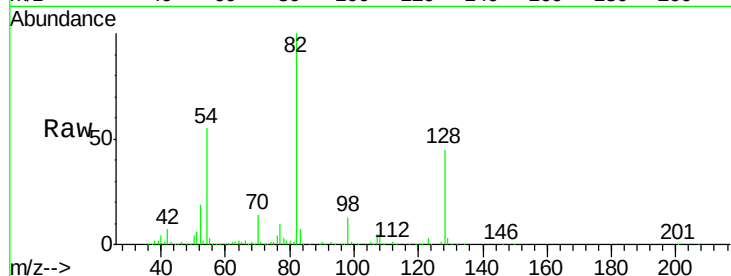
#23
 Nitrobenzene-d5
 Concen: 108.27 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.8	55.2
54	55.3	44.4	66.6

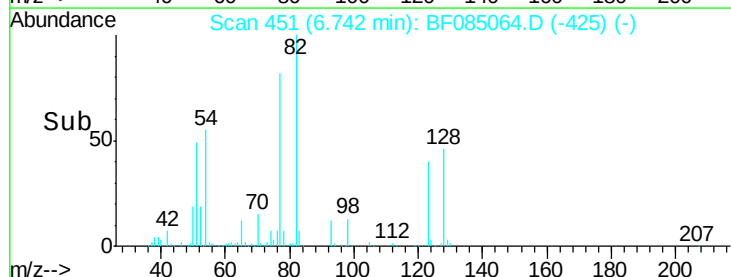
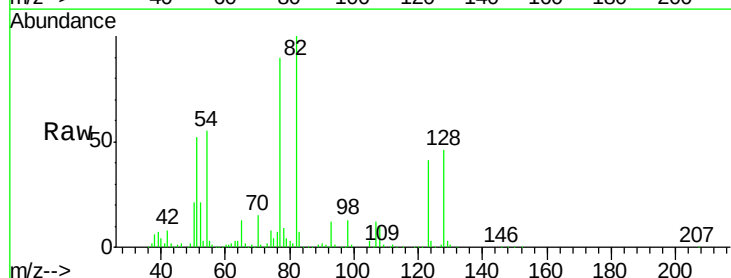
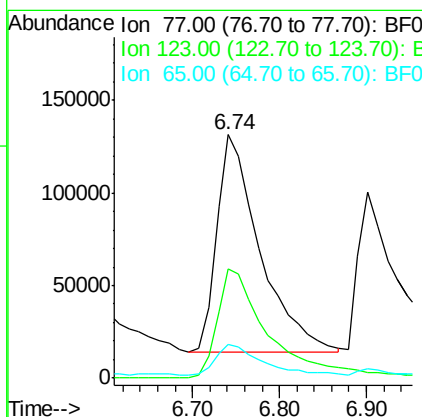
Manual Integrations
 APPROVED

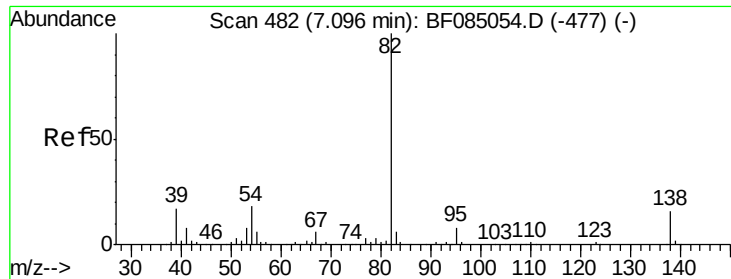
Sohil
 2/15/2016 4:44:43 PM



#24
 Nitrobenzene
 Concen: 34.82 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.5	54.7
65	13.9	10.9	16.3





#25

Isophorone

Concen: 47.35 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

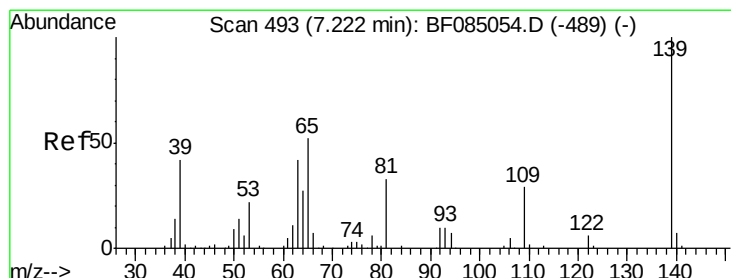
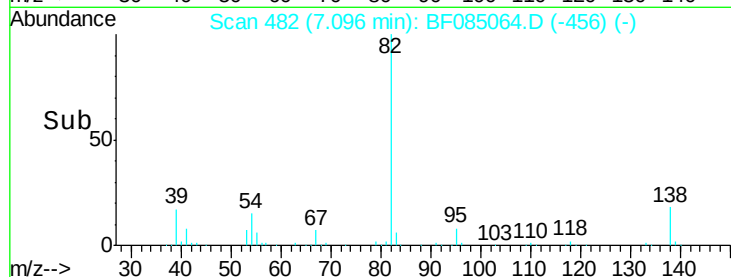
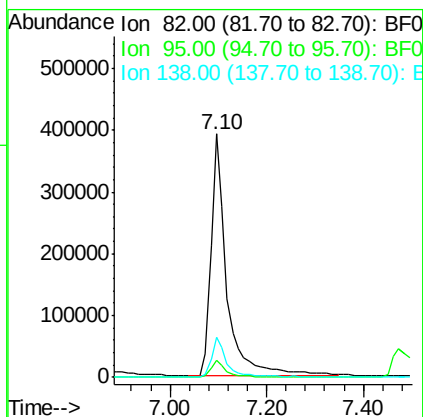
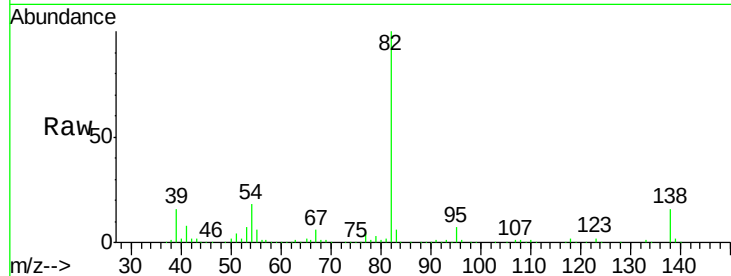
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	82	Resp:	905853
Ion Ratio		Lower	Upper
82	100		
95	7.2	6.1	9.1
138	16.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.76 ng

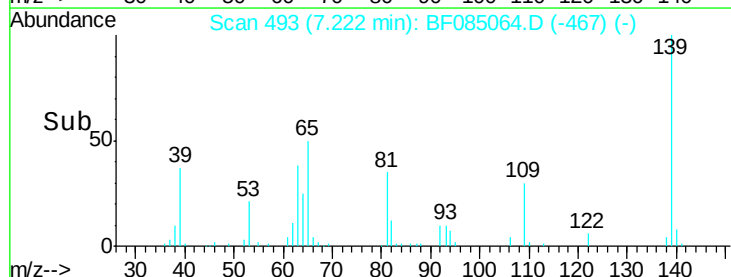
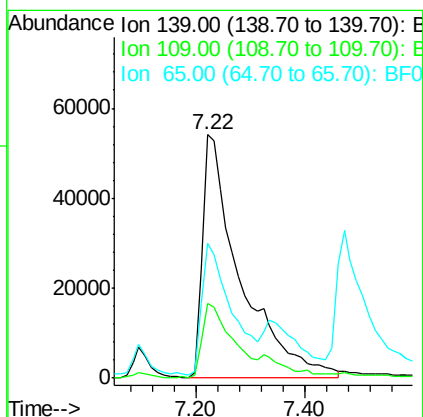
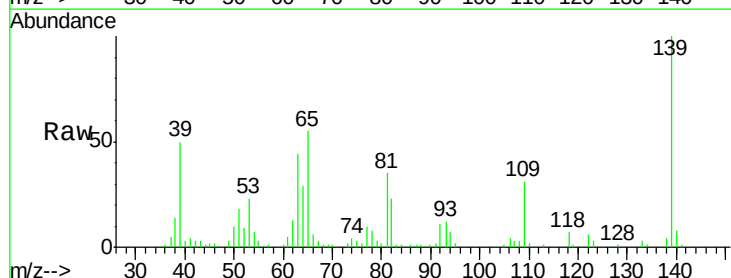
RT: 7.22 min Scan# 493

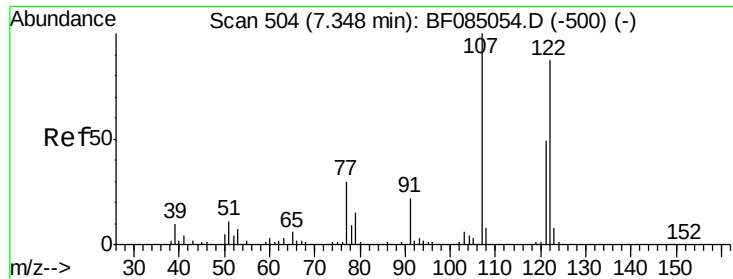
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	139	Resp:	261165
Ion Ratio		Lower	Upper
139	100		
109	30.7	23.4	35.2
65	55.2	42.3	63.5





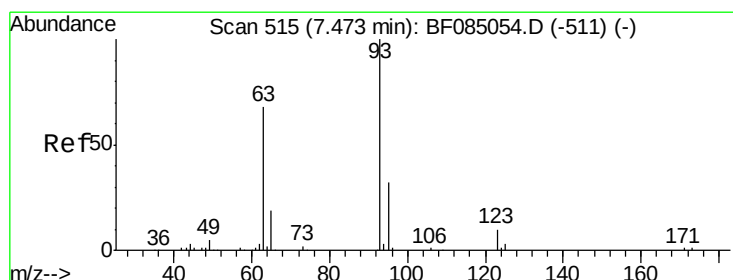
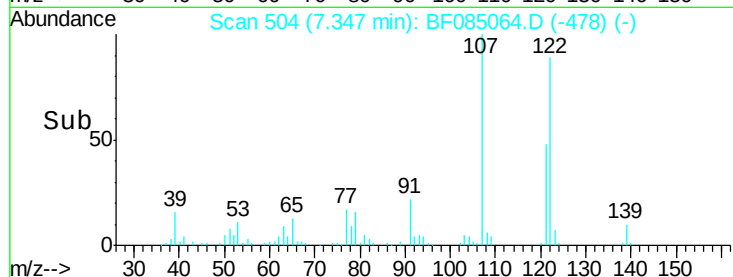
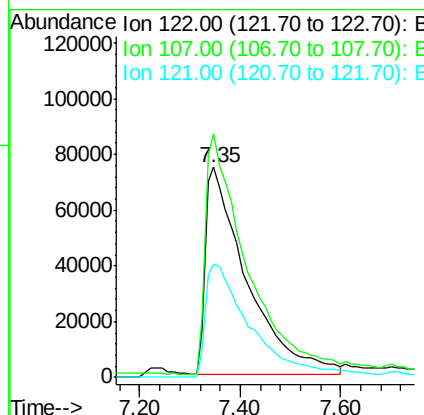
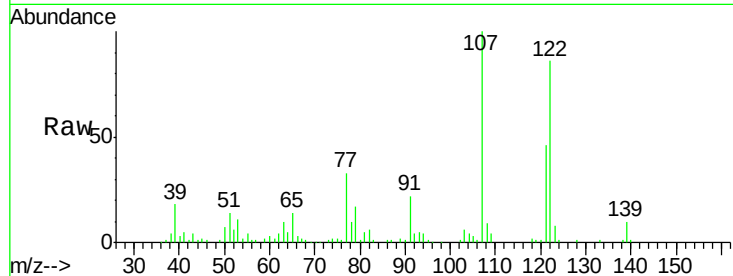
#27
2,4-Dimethylphenol
Concen: 47.05 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	425180		
107	115.9	91.8	137.8	
121	53.6	45.0	67.4	

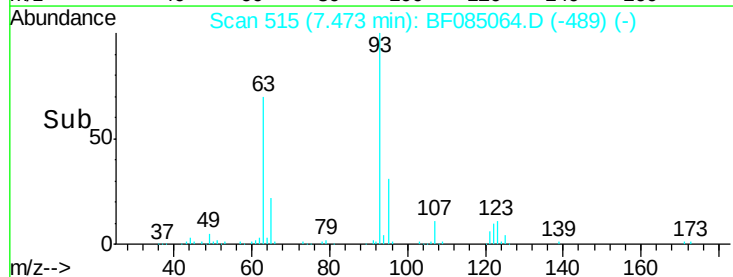
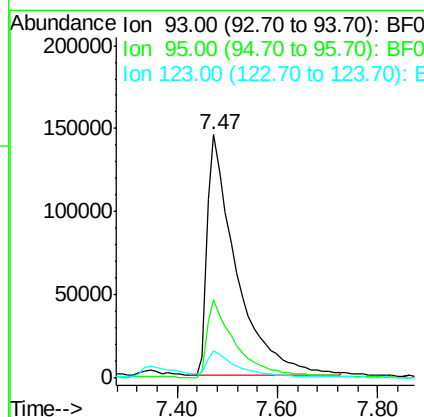
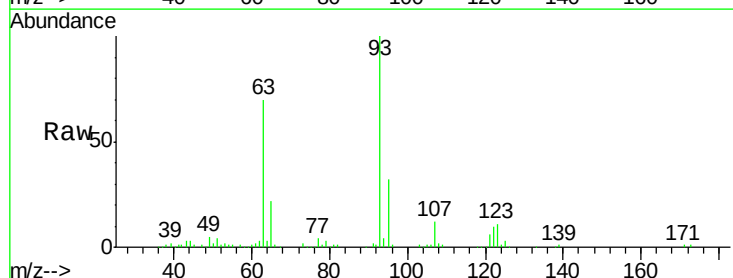
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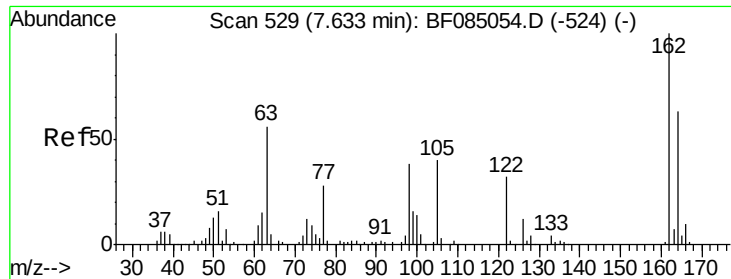
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.08 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582806		
95	32.1	25.6	38.4	
123	11.2	8.7	13.1	





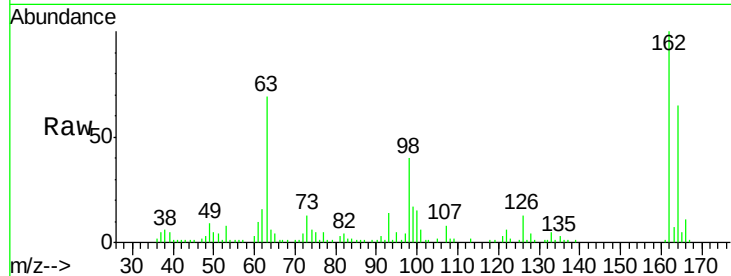
#29
 2,4-Dichlorophenol
 Concen: 46.97 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

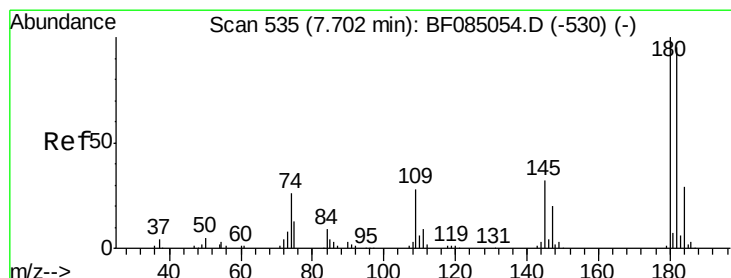
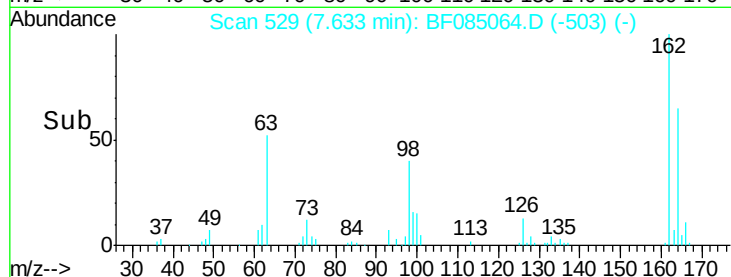
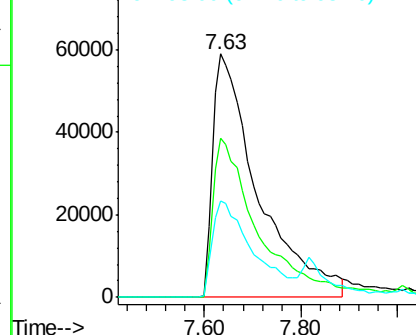
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		385819		
164	65.5	42.8	82.8		
98	39.5	17.6	57.6		

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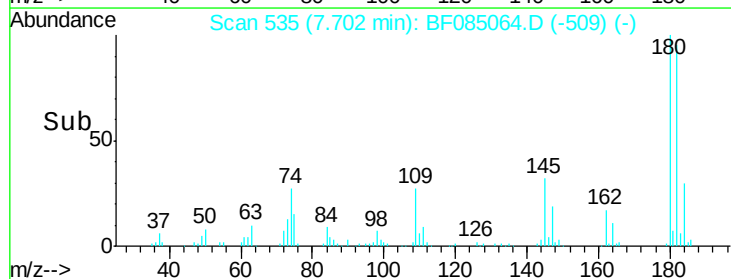
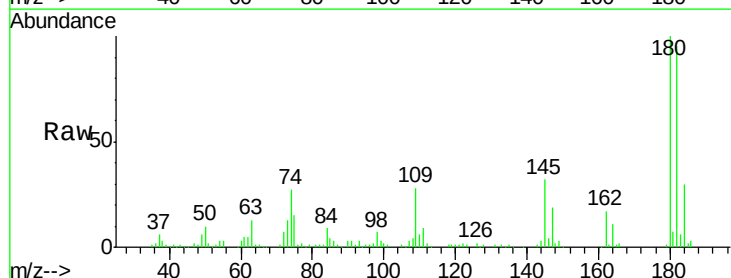
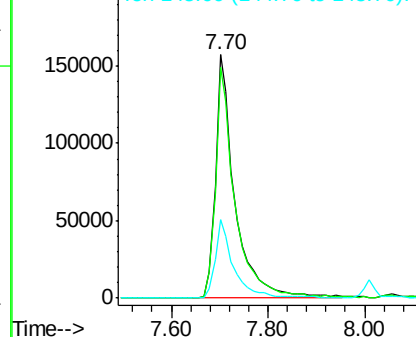
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

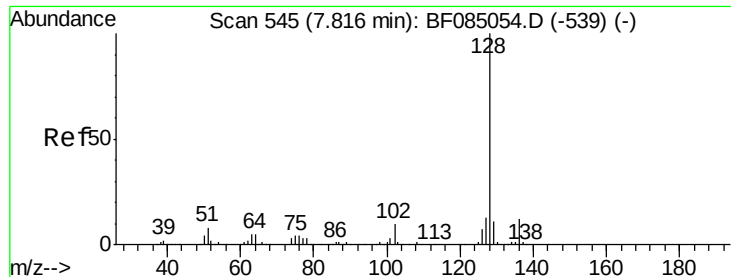


#30
 1,2,4-Trichlorobenzene
 Concen: 46.97 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		444699		
182	94.6	75.8	113.8		
145	32.0	25.9	38.9		

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





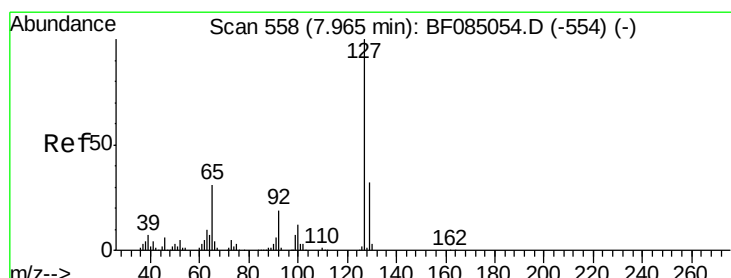
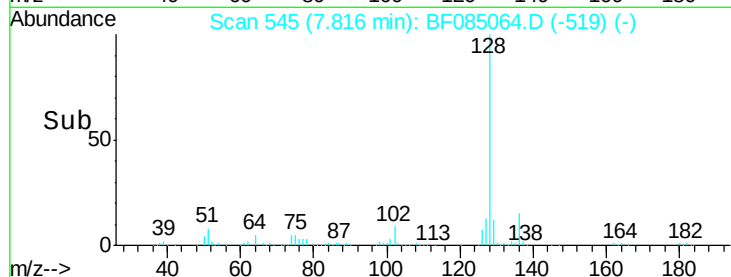
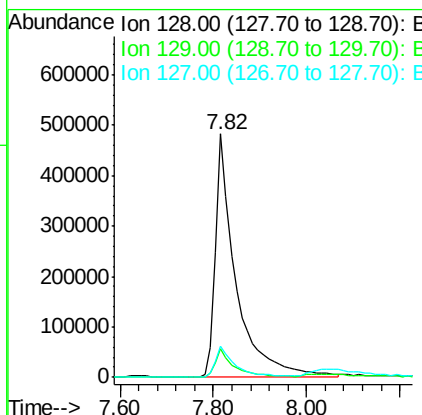
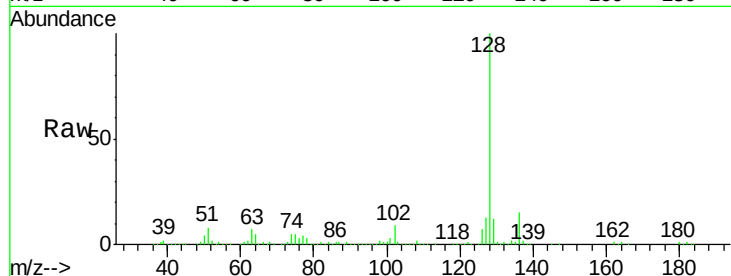
#31
Naphthalene
Concen: 48.34 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion:128 Resp: 1476044
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.3 15.5

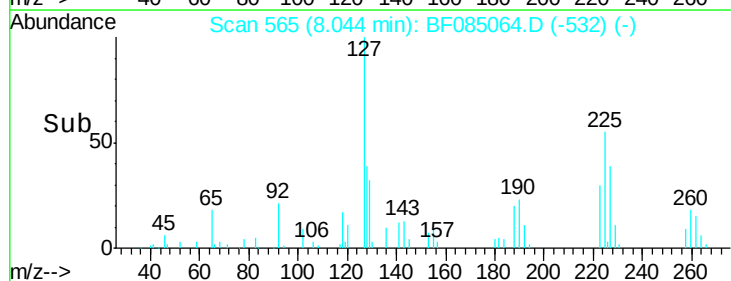
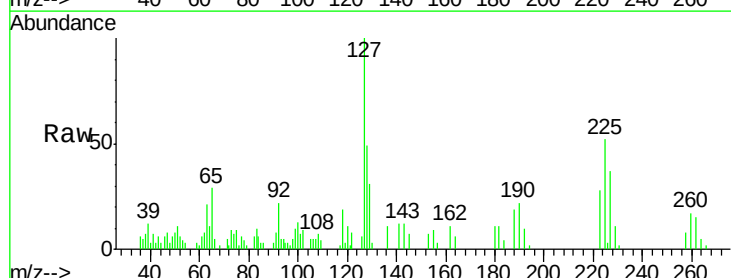
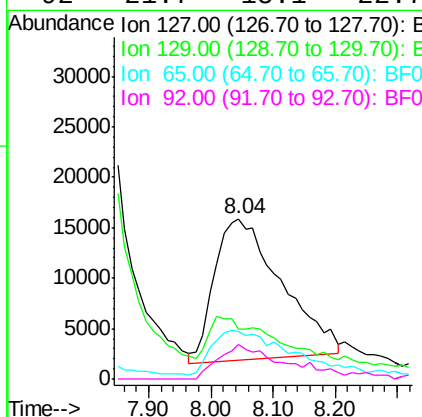
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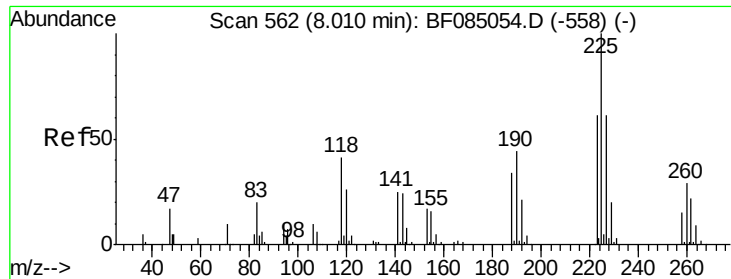
Sohil
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#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.08 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:127 Resp: 104418
Ion Ratio Lower Upper
127 100
129 30.8 26.6 39.8
65 29.3 24.7 37.1
92 21.7 15.1 22.7





#34

Hexachlorobutadiene

Concen: 46.46 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

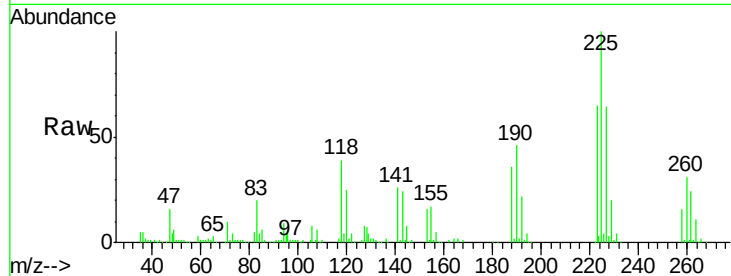
ClientSampleId :

S4-B003(10-12)MS

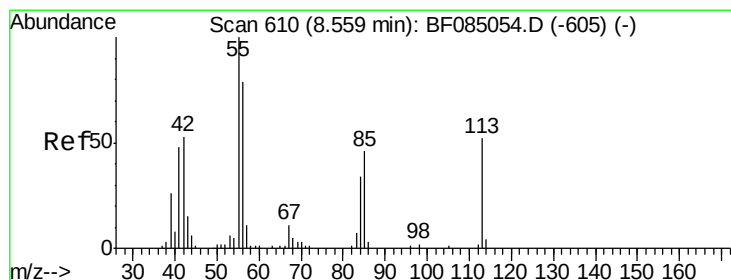
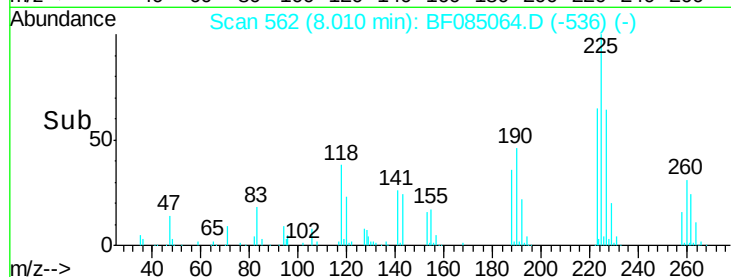
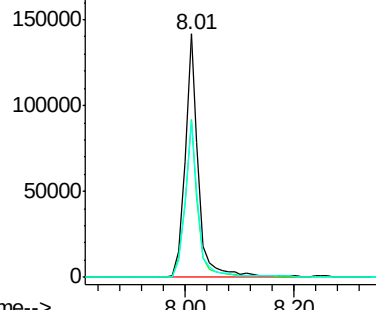
Tot Ion:	225	Resp:	246330
Ion Ratio		Lower	Upper
225	100		
223	65.0	48.6	73.0
227	64.3	48.9	73.3

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 42.86 ng m

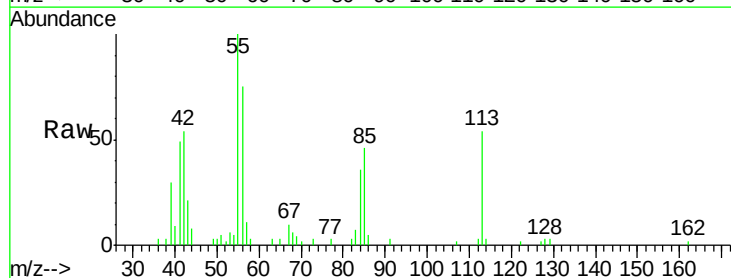
RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

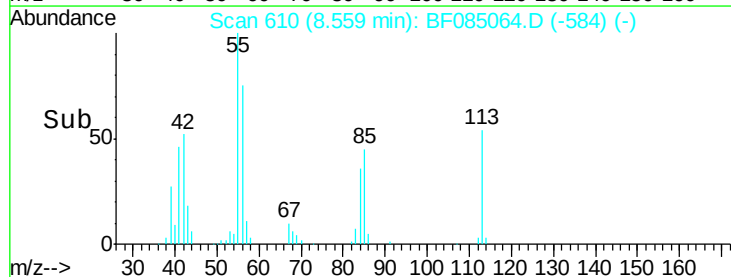
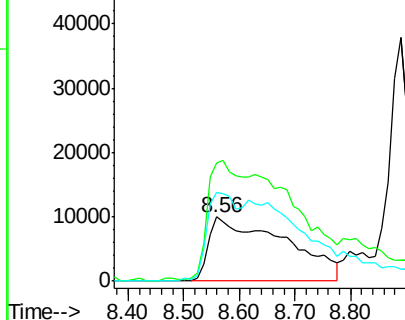
Lab File: BF085064.D

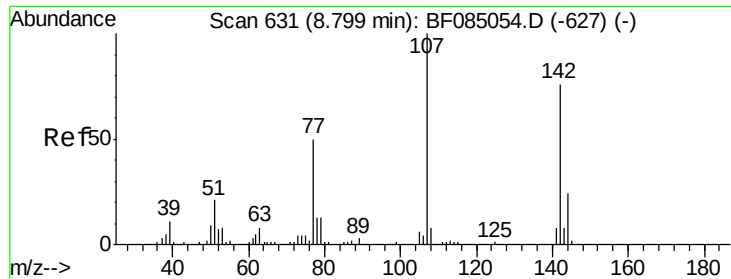
Acq: 13 Feb 2016 3:13

Tgt Ion:	113	Resp:	94635
Ion Ratio		Lower	Upper
113	100		
55	185.4	173.1	213.1
56	138.8	132.9	172.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 46.62 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

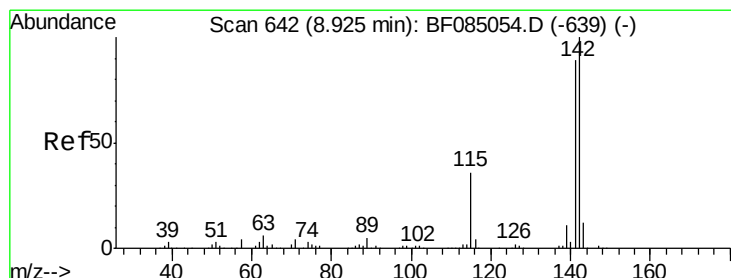
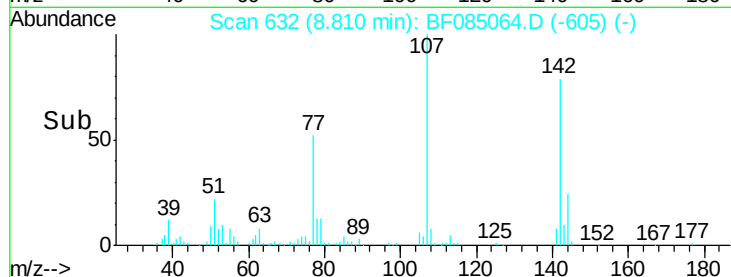
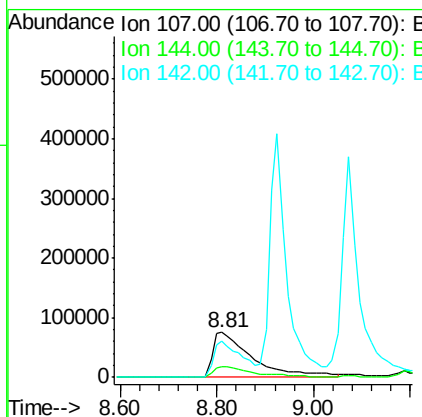
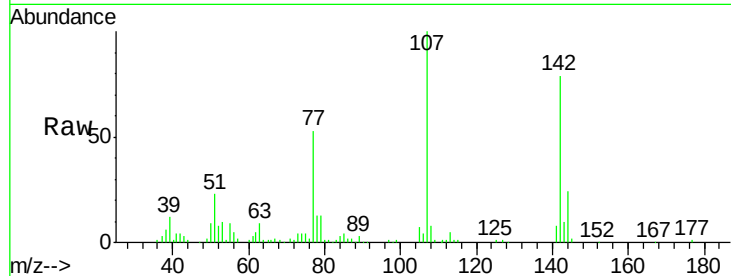
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	107	Resp:	434217
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.2	28.8
142	79.2	60.6	91.0

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#37

2-Methylnaphthalene

Concen: 48.30 ng

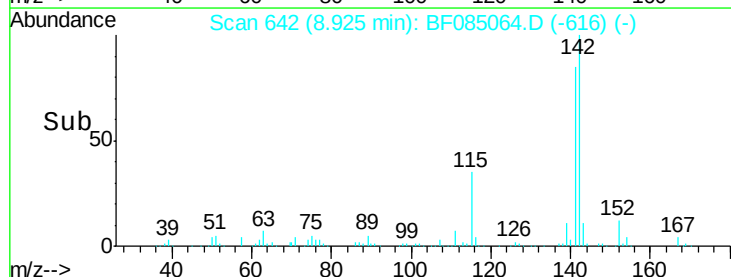
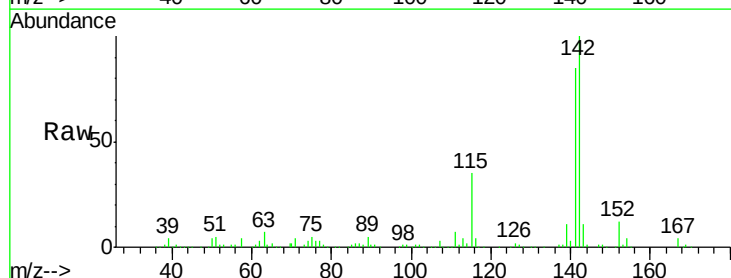
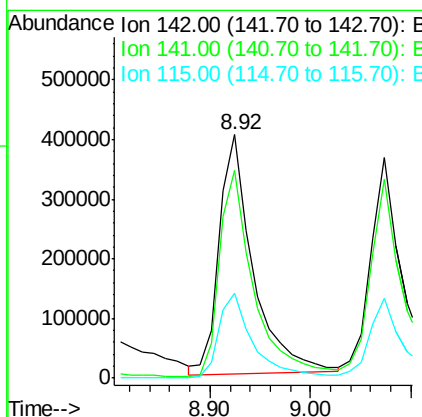
RT: 8.92 min Scan# 642

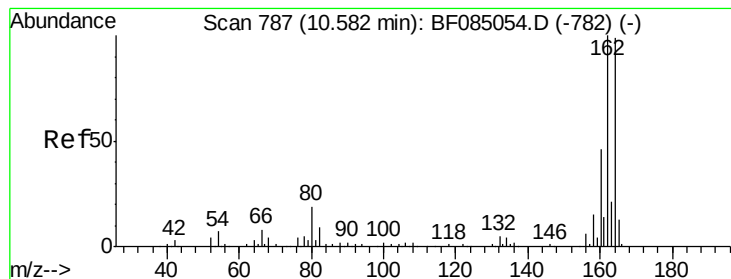
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	142	Resp:	940795
Ion Ratio	Lower	Upper	
142	100		
141	85.2	69.6	104.4
115	34.8	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

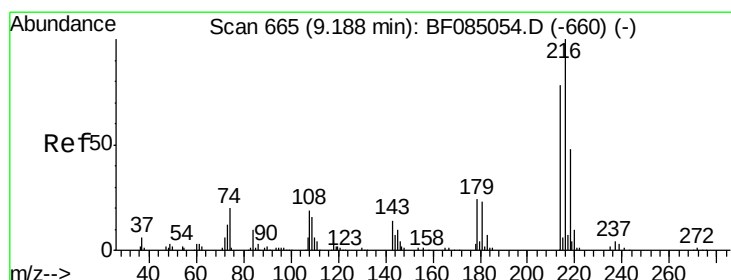
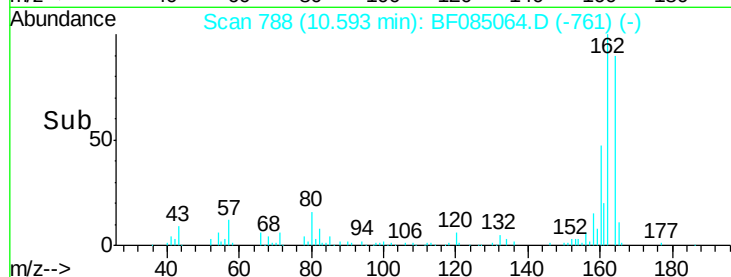
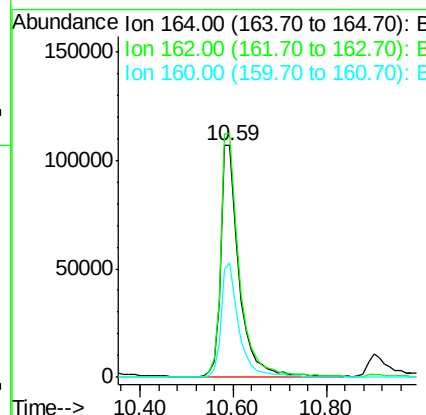
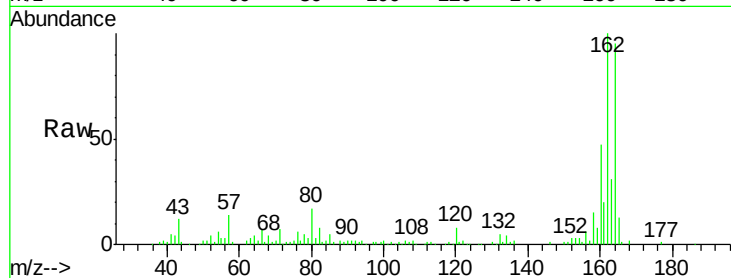
ClientSampleId :

S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	81.1	121.7	
160	49.2	37.4	56.0	

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.73 ng

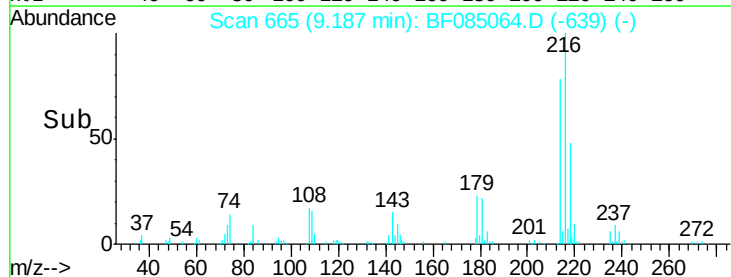
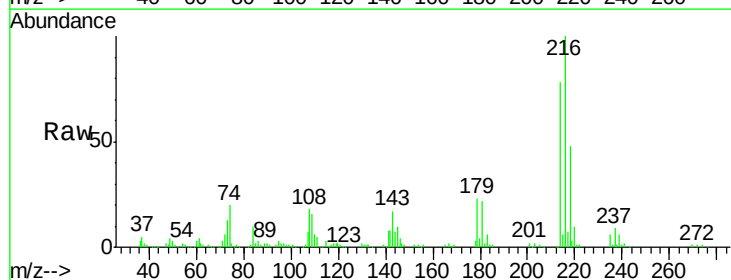
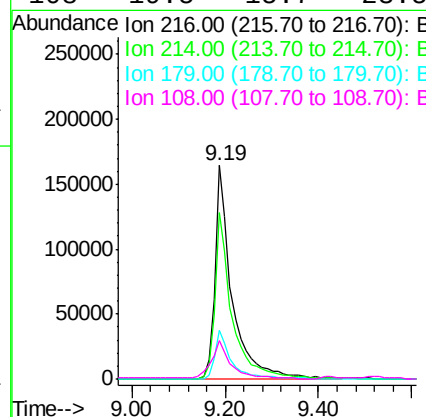
RT: 9.19 min Scan# 665

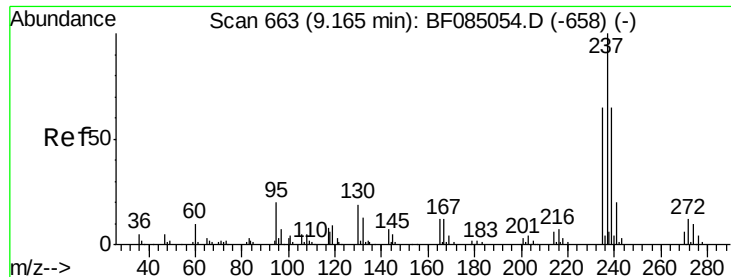
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	62.2	93.2	
179	22.7	18.1	27.1	
108	19.5	15.7	23.5	





#40

Hexachlorocyclopentadiene

Concen: 83.83 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

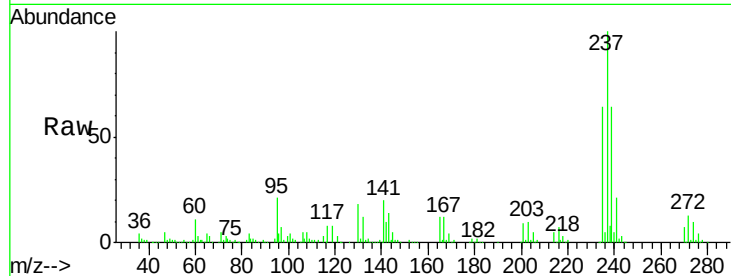
ClientSampleId :

S4-B003(10-12)MS

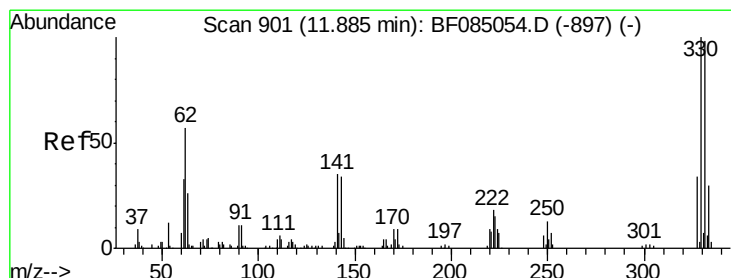
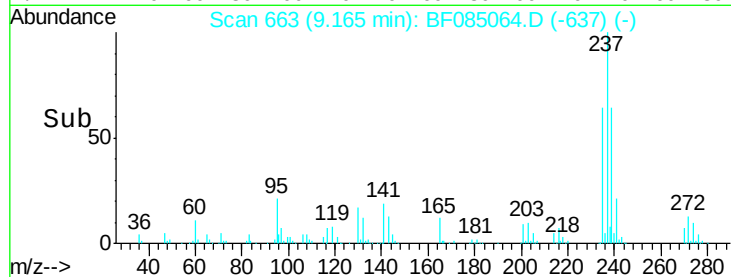
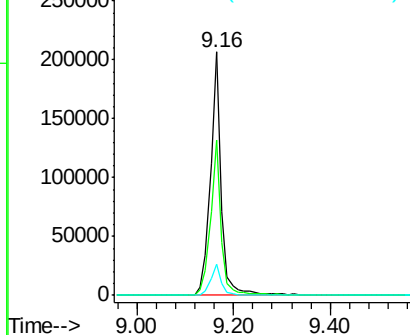
Tot Ion:	237	Resp:	330367
Ion Ratio		Lower	Upper
237	100		
235	63.7	44.8	84.8
272	12.6	0.0	31.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 146.16 ng

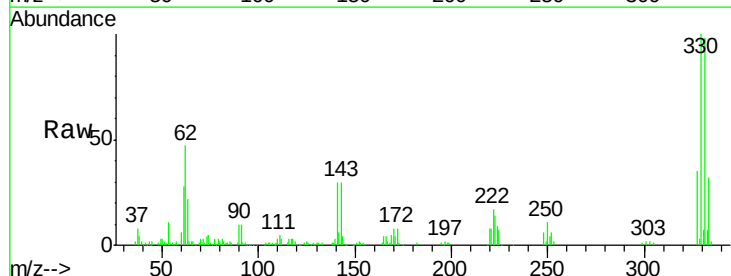
RT: 11.90 min Scan# 902

Delta R.T. 0.01 min

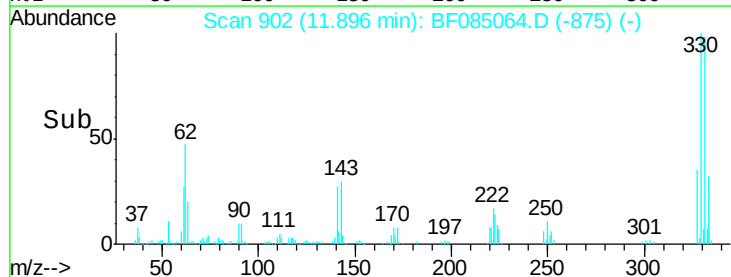
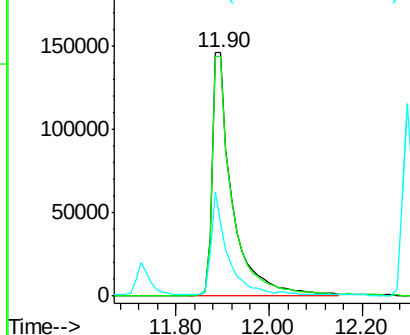
Lab File: BF085064.D

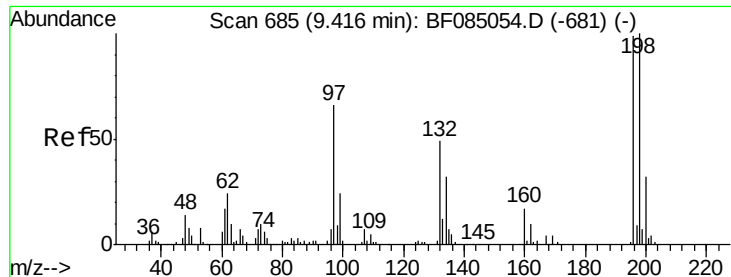
Acq: 13 Feb 2016 3:13

Tgt Ion:	330	Resp:	441983
Ion Ratio		Lower	Upper
330	100		
332	97.5	78.5	117.7
141	35.2	28.6	42.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 42.51 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

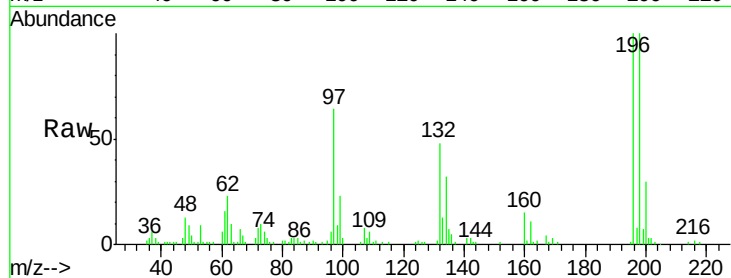
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	196	Resp:	221737
Ion Ratio	Lower	Upper	
196	100		
198	100.0	81.0	121.6
200	29.7	26.3	39.5

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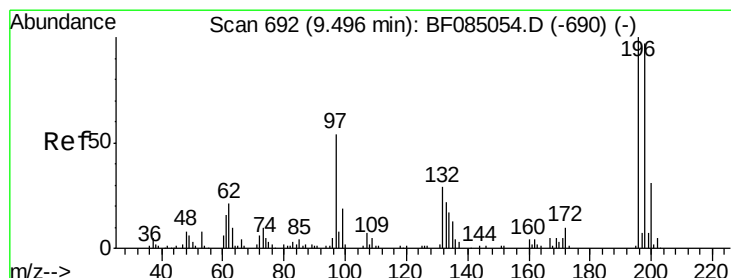
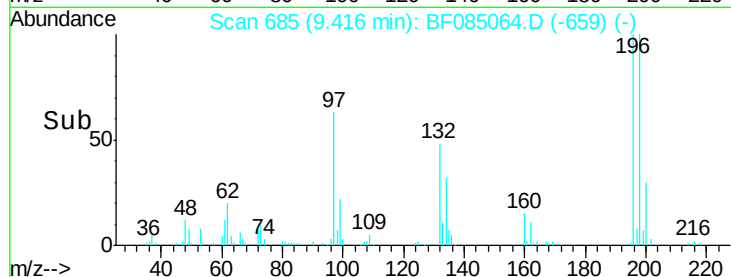
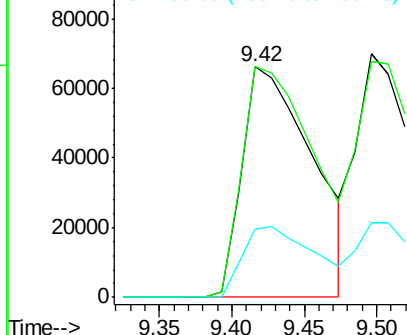


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 47.75 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	196	Resp:	289785
Ion Ratio	Lower	Upper	
196	100		
198	96.9	79.7	119.5
97	57.7	47.0	70.4
132	39.5	26.4	39.6

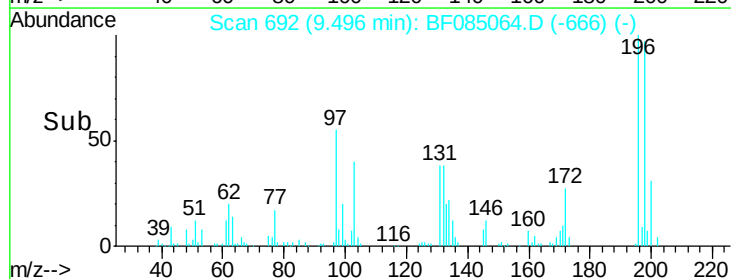
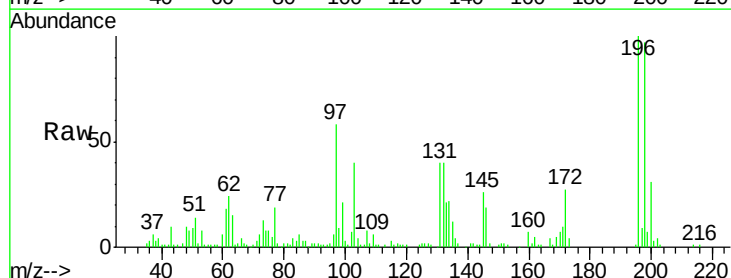
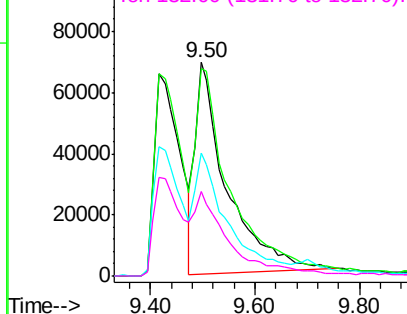
Abundance

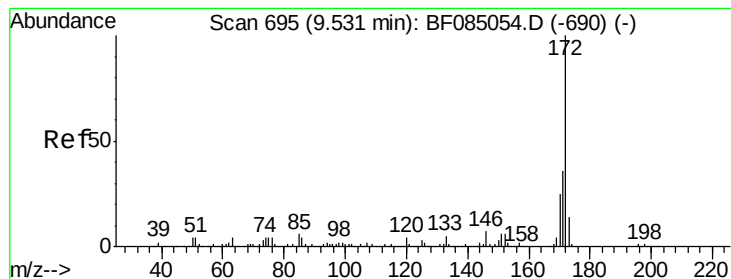
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





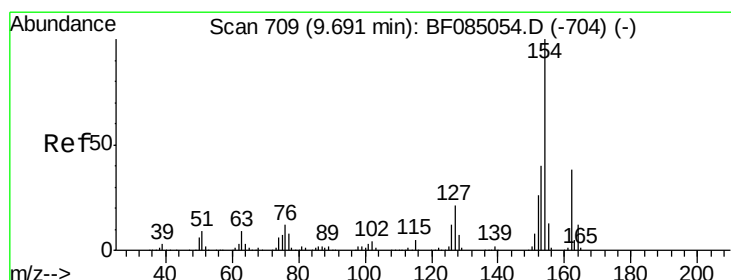
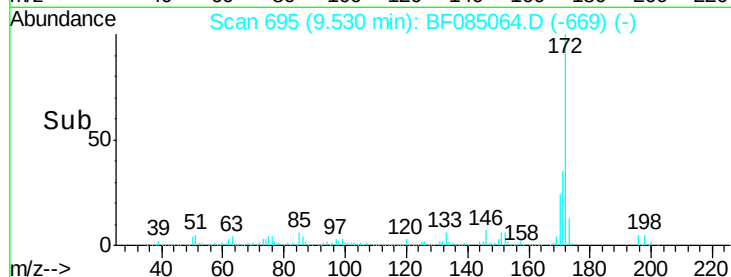
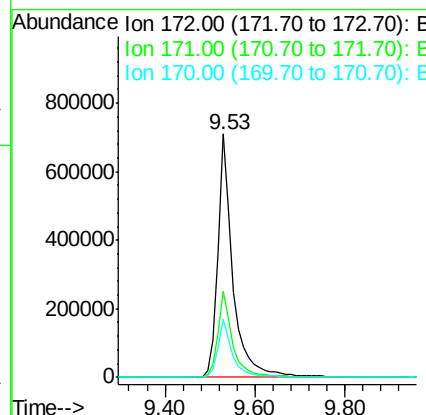
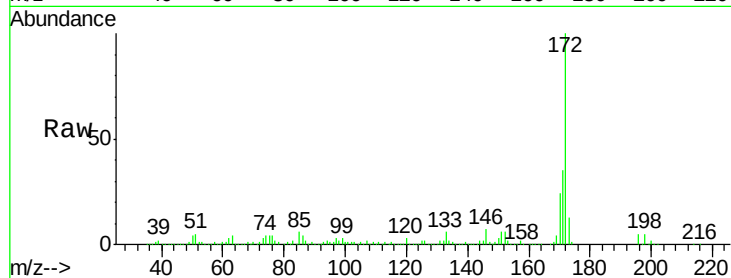
#44
2-Fluorobiphenyl
Concen: 80.83 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	24.0	19.6	29.4

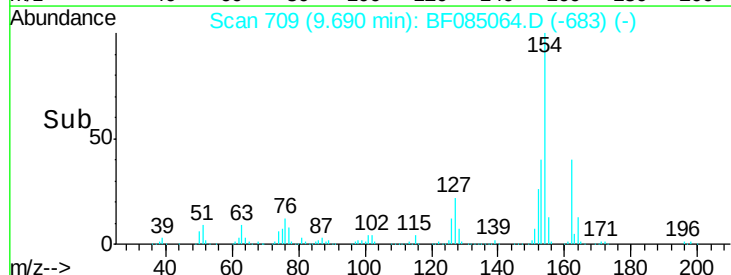
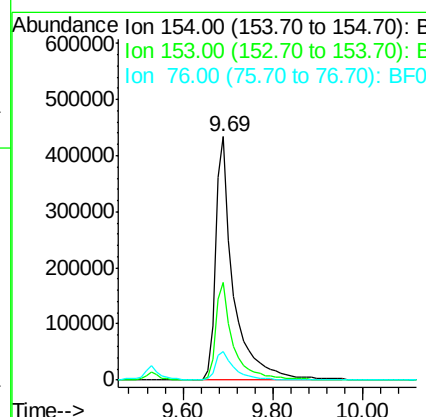
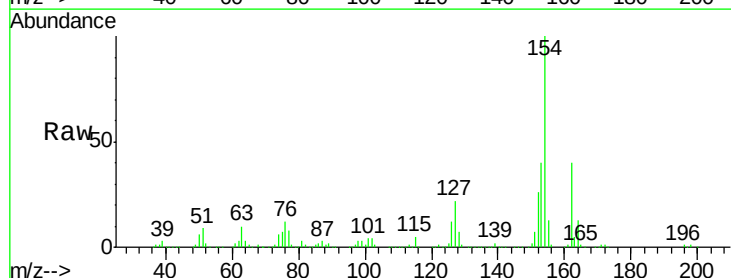
Manual Integrations
APPROVED

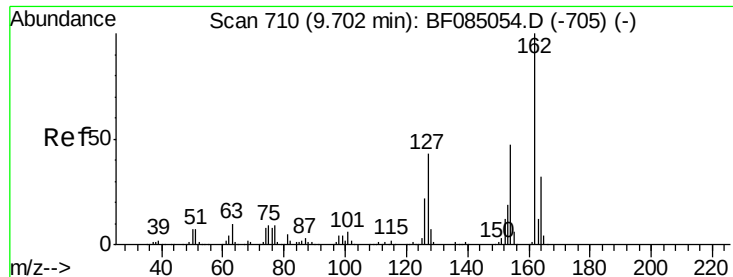
Sohil
2/15/2016 4:44:43 PM



#45
1,1'-Biphenyl
Concen: 44.50 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	12.0	0.0	31.6





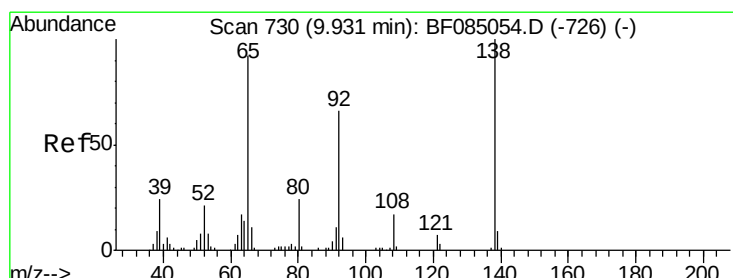
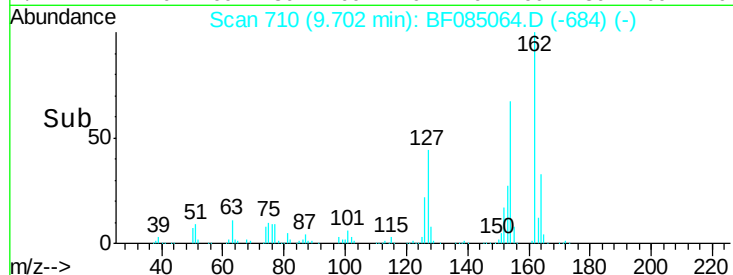
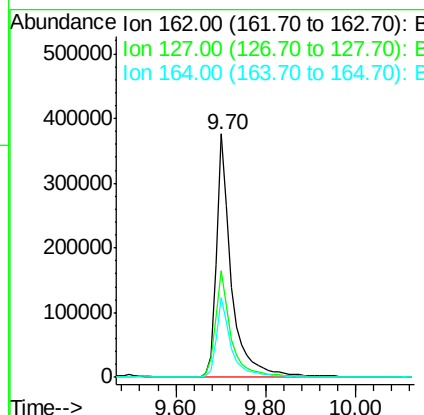
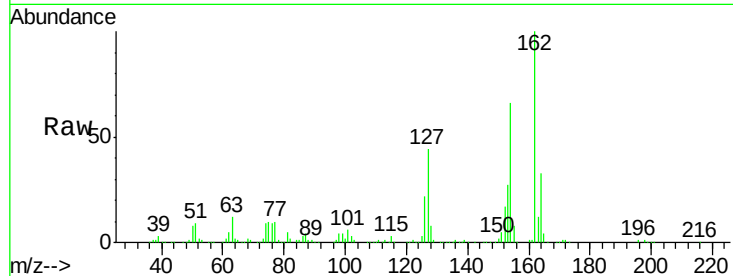
#46
 2-Chloronaphthalene
 Concen: 46.61 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	879493		
127	43.7		34.8	52.2
164	32.7		25.8	38.6

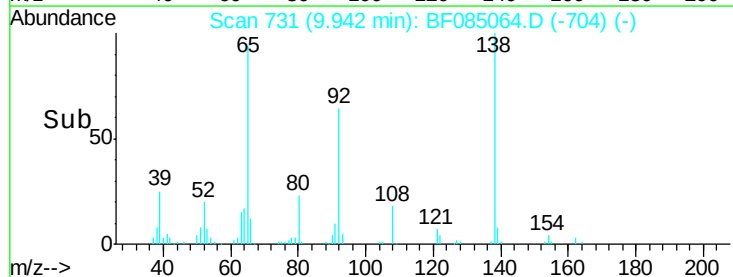
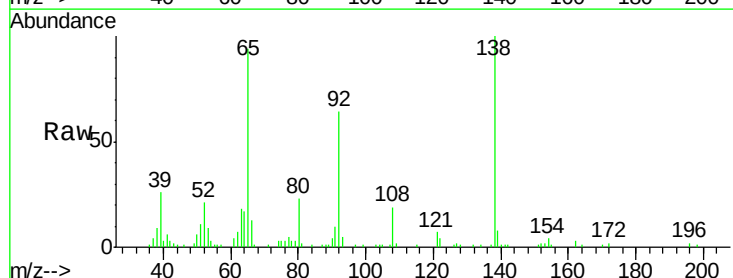
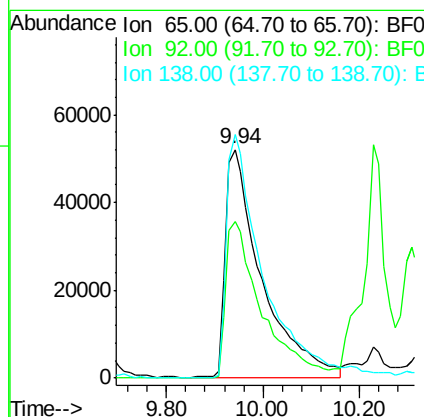
Manual Integrations
 APPROVED

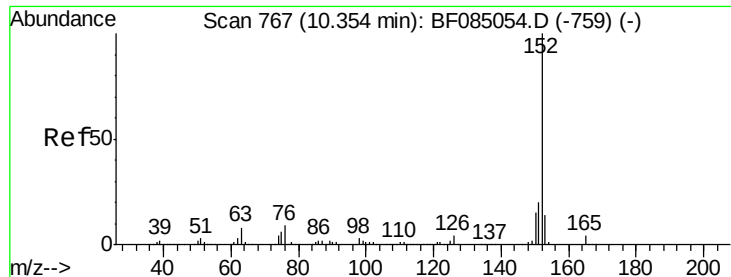
Sohil
 2/15/2016 4:44:43 PM



#47
 2-Nitroaniline
 Concen: 46.62 ng
 RT: 9.94 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	271604		
92	68.4		57.1	85.7
138	106.4		86.8	130.2





#48

Acenaphthylene

Concen: 44.19 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion:152 Resp: 1323840

Ion Ratio Lower Upper

152 100

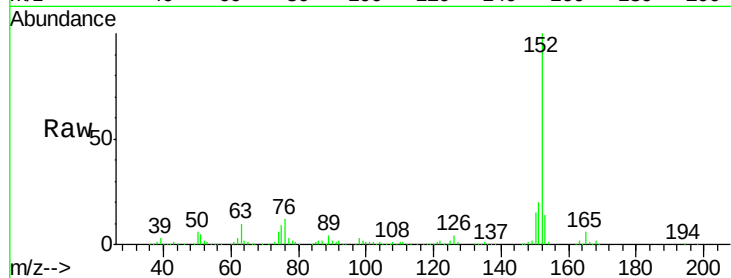
151 20.2 16.0 24.0

153 14.3 11.1 16.7

Manual Integrations
APPROVED

Sohil

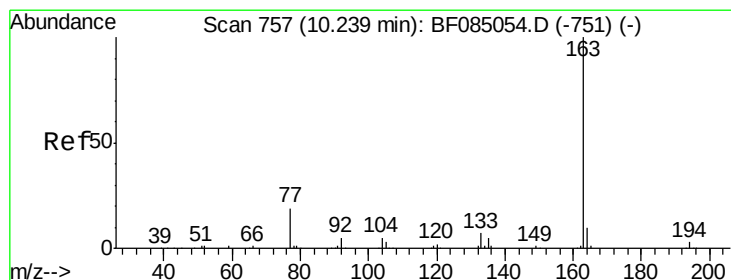
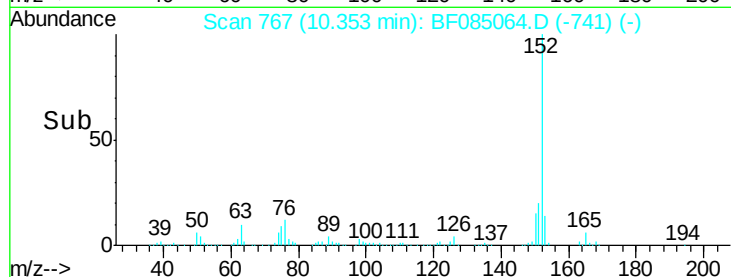
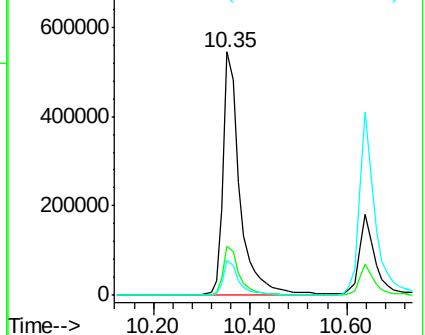
2/15/2016 4:44:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 61.07 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

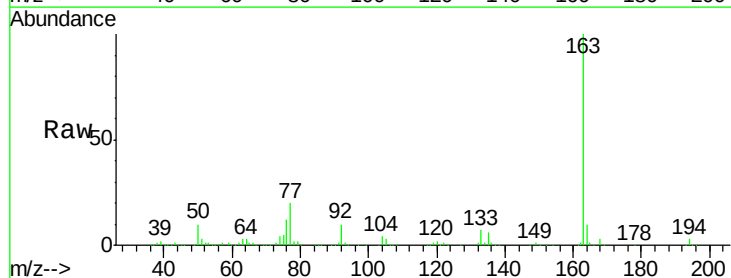
Tgt Ion:163 Resp: 1340544

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

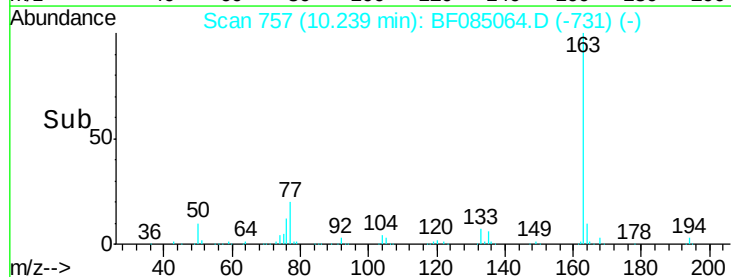
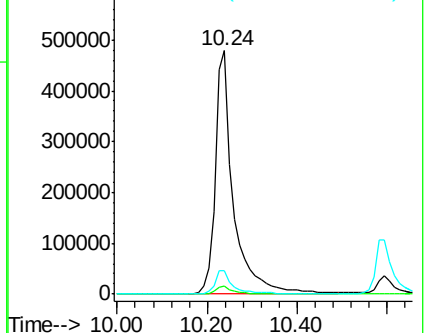
164 9.9 7.8 11.8

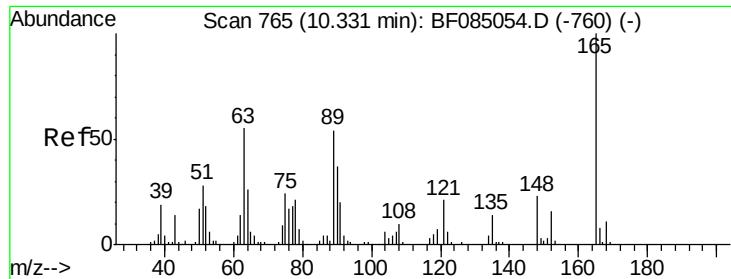


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





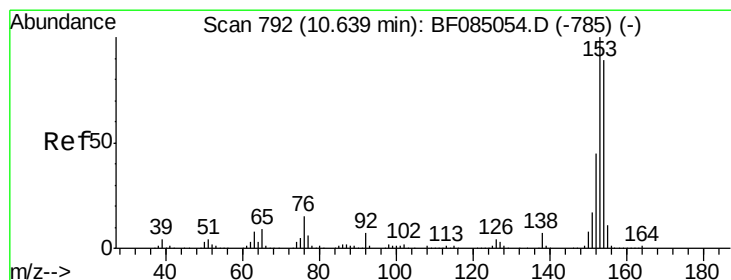
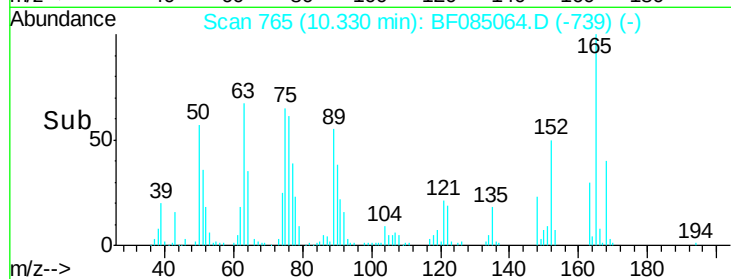
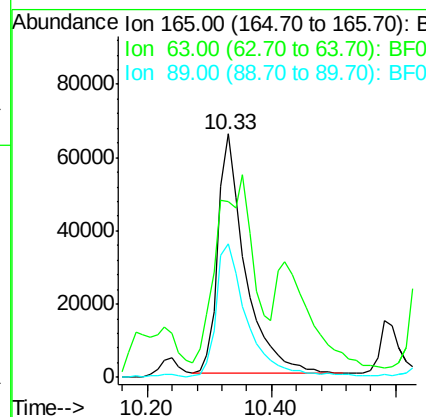
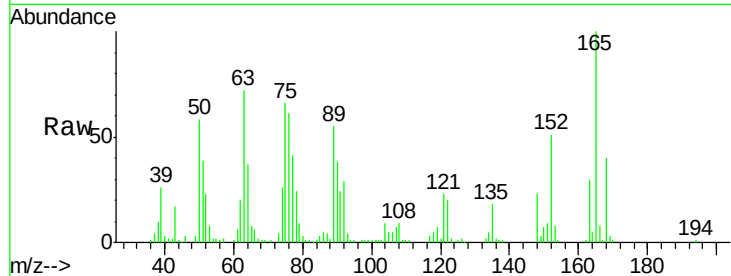
#50
2,6-Dinitrotoluene
Concen: 43.95 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197938		
63	72.0	47.5	71.3#	
89	54.9	42.9	64.3	

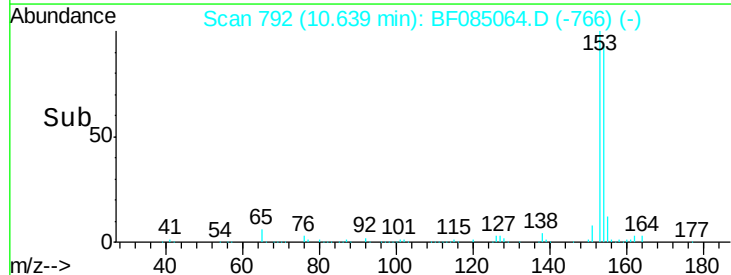
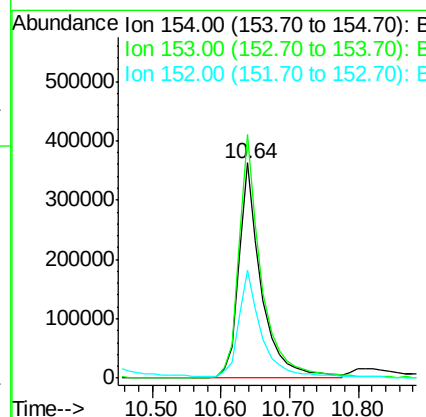
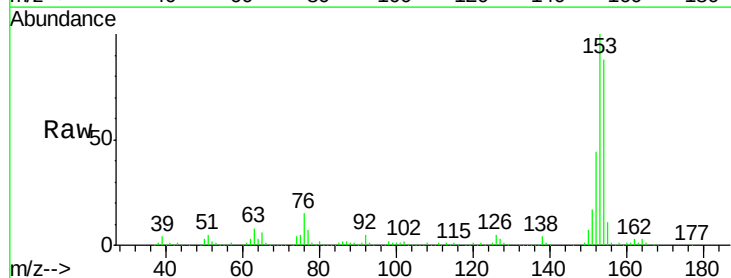
Manual Integrations
APPROVED

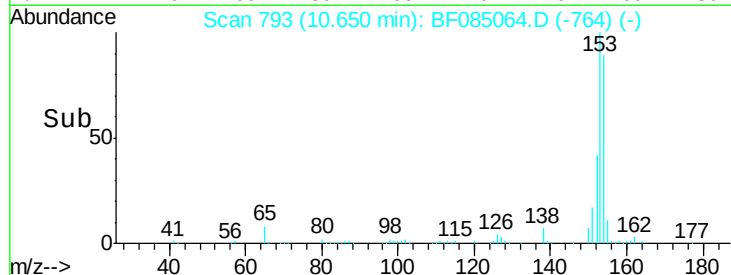
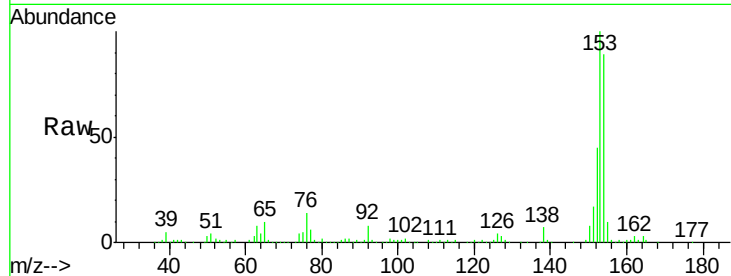
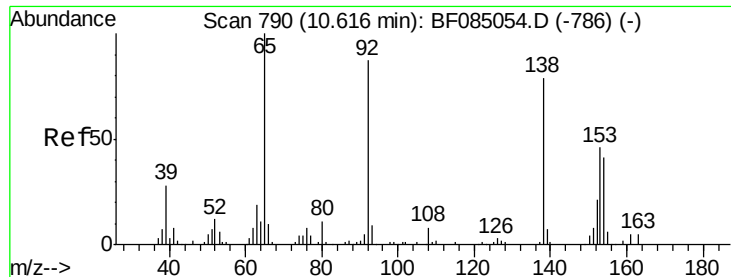
Sohil
2/15/2016 4:44:43 PM



#51
Acenaphthene
Concen: 45.84 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	830327		
153	113.2	89.5	134.3	
152	50.0	40.7	61.1	





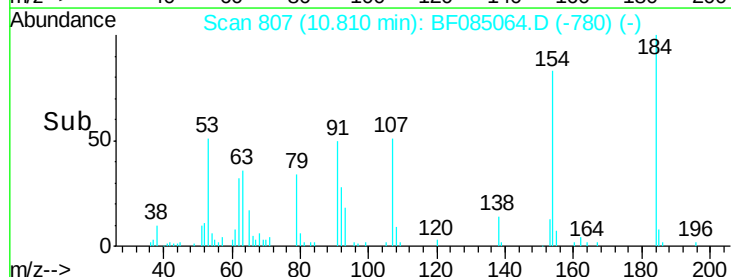
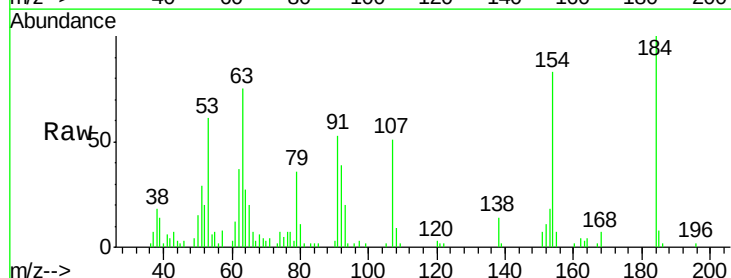
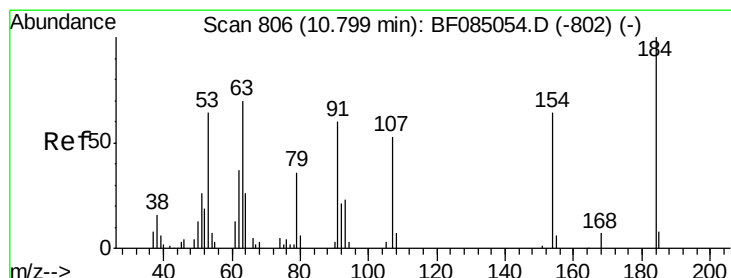
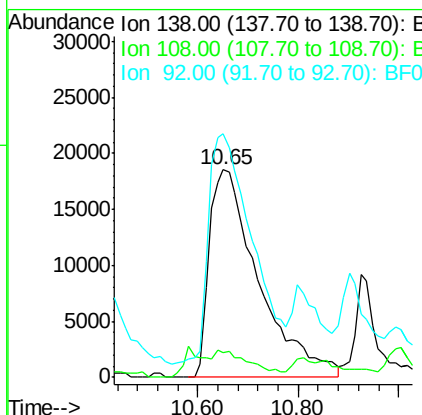
#52
3-Nitroaniline
Concen: 25.30 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.03 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	117.4	88.9	133.3

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

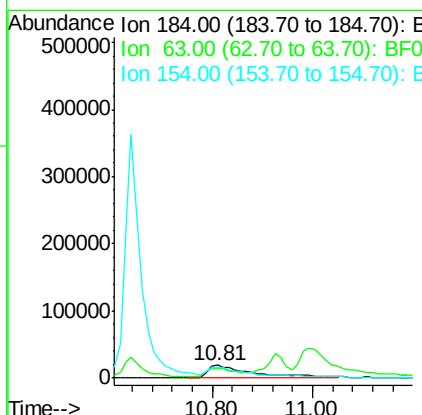
Manual Integrations
APPROVED

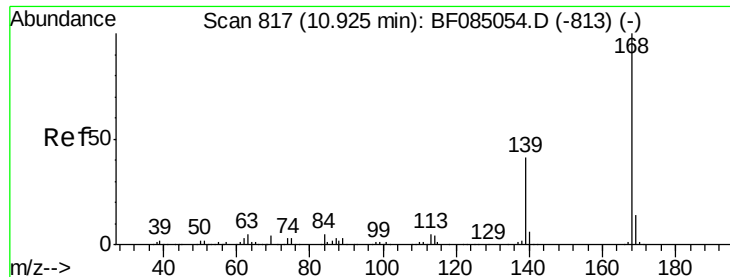
Sohil
2/15/2016 4:44:43 PM



#53
2,4-Dinitrophenol
Concen: 64.62 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.3	60.6	90.8
154	83.5	70.2	105.2





#54

Dibenzofuran

Concen: 48.81 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion:168 Resp: 1182803

Ion Ratio Lower Upper

168 100

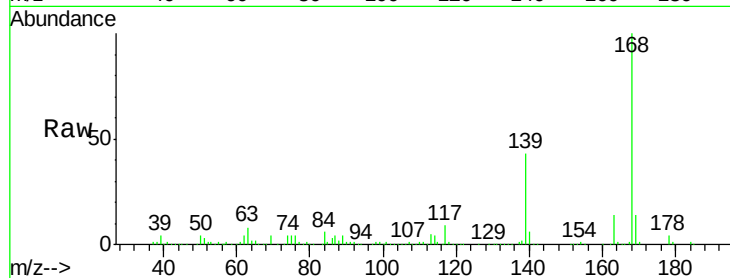
139 42.9 33.0 49.4

169 14.1 10.9 16.3

Manual Integrations
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Sohil

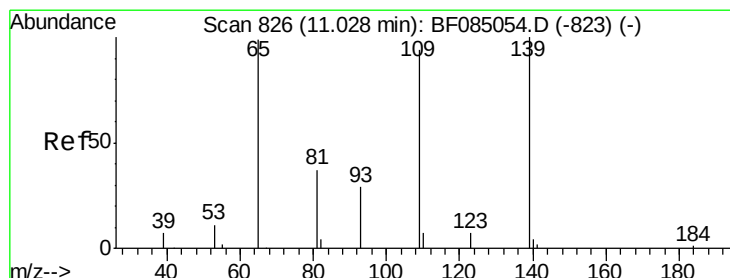
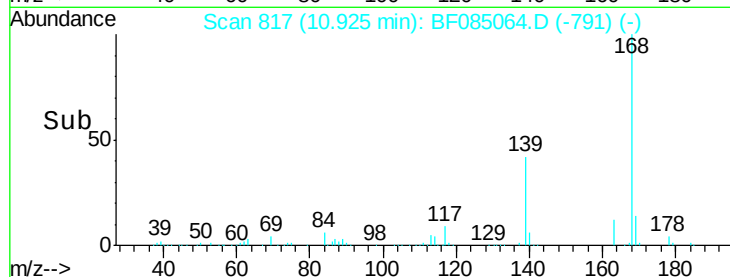
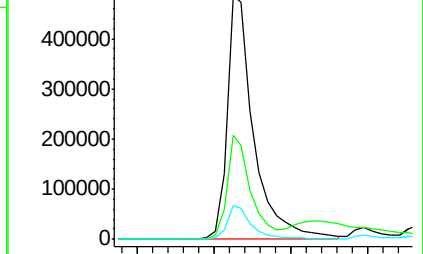
2/15/2016 4:44:43 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 80.11 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

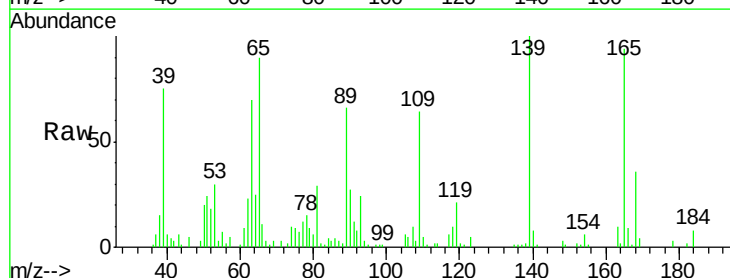
Tgt Ion:139 Resp: 257146

Ion Ratio Lower Upper

139 100

109 63.8 48.7 88.7

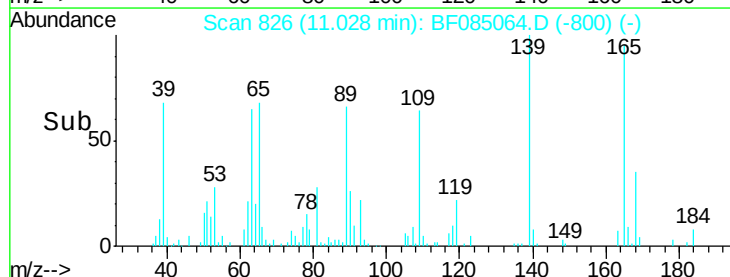
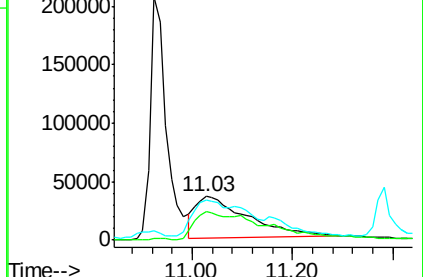
65 90.3 78.8 118.8

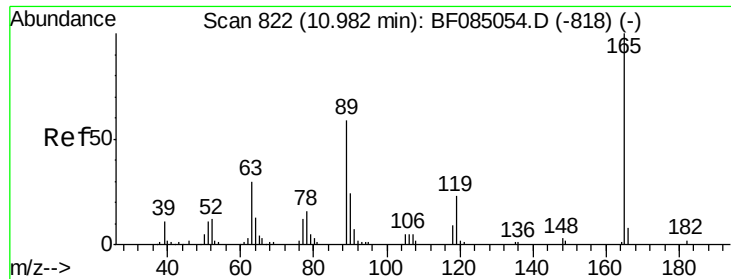


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 47.68 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

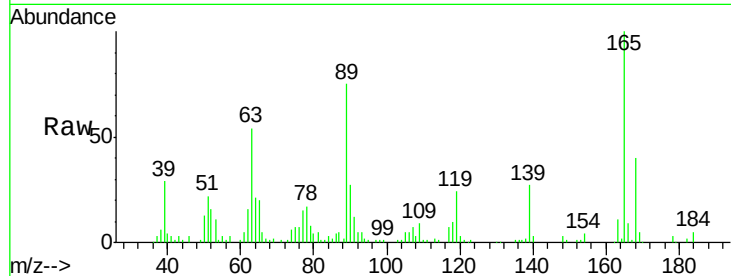
ClientSampleId :

S4-B003(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		292507		
63	54.3	36.6	55.0		
89	75.4	54.4	81.6		
182	2.1	1.6	2.4		

Manual Integrations
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2/15/2016 4:44:43 PM

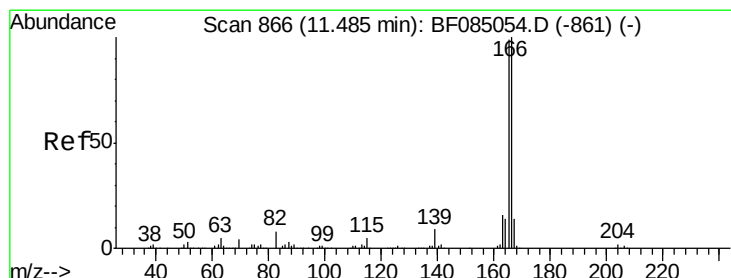
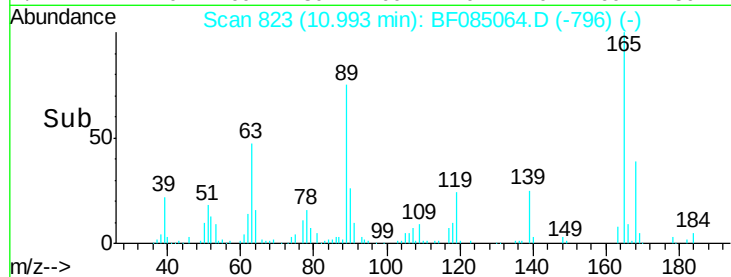
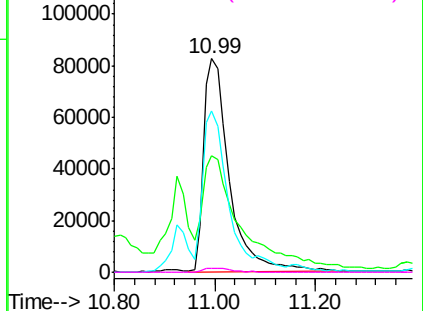


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.28 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085064.D

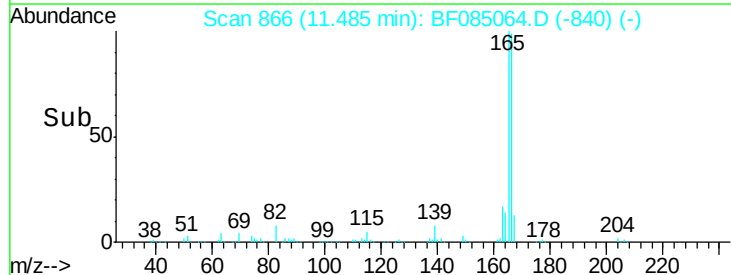
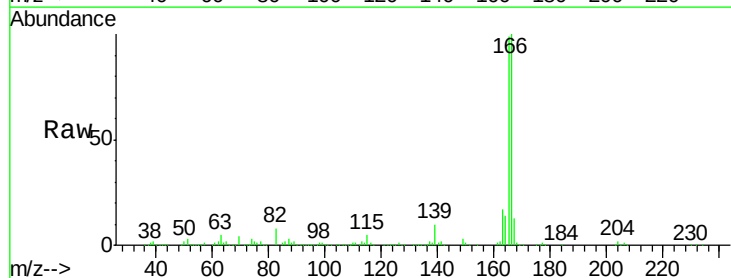
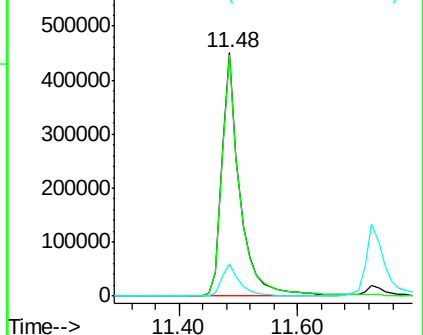
Acq: 13 Feb 2016 3:13

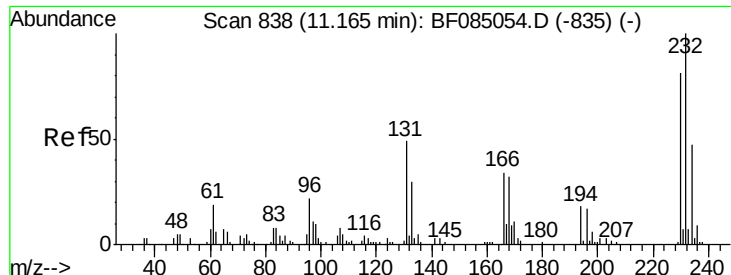
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		941013		
165	98.9	78.9	118.3		
167	13.5	10.9	16.3		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





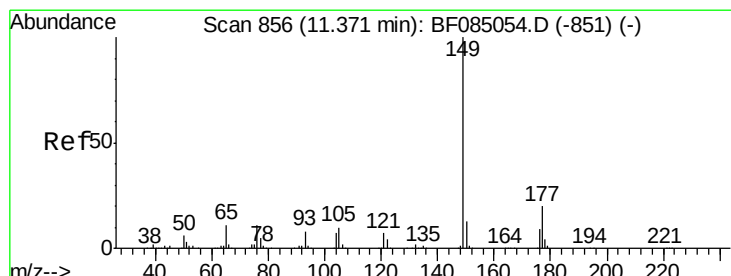
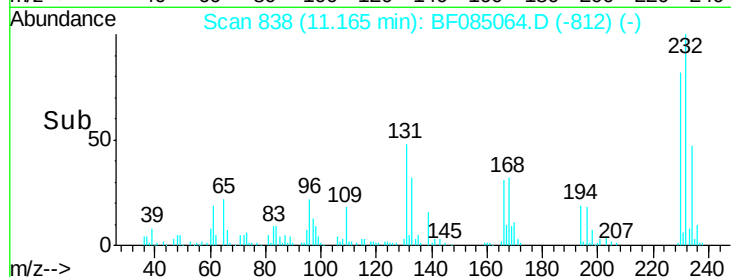
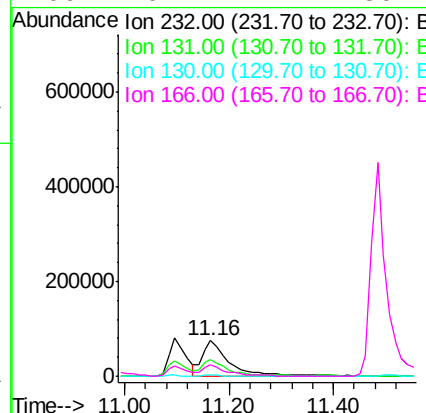
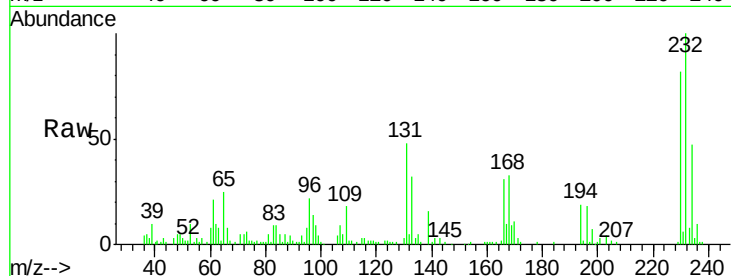
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.94 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	258924		
131	45.8	39.7	59.5	
130	2.2	1.8	2.8	
166	29.4	24.2	36.2	

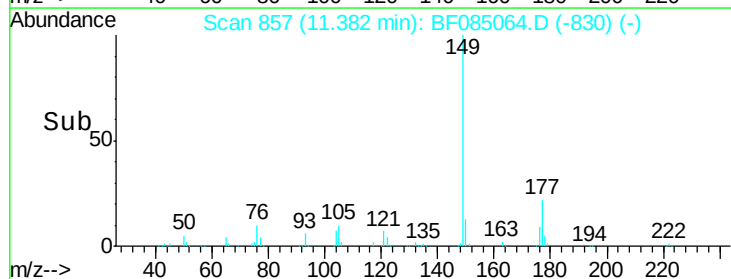
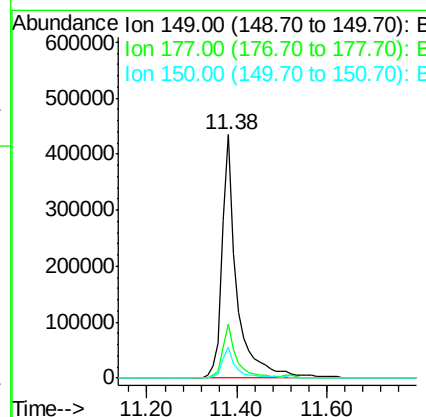
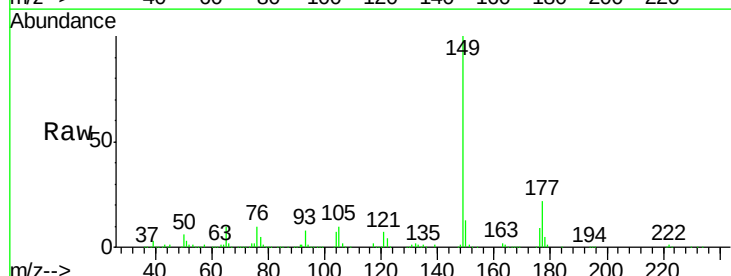
Manual Integrations
 APPROVED

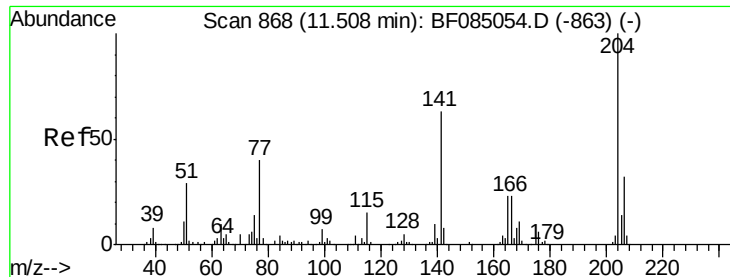
Sohil
 2/15/2016 4:44:43 PM



#59
 Diethylphthalate
 Concen: 45.71 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	994376		
177	22.3	16.4	24.6	
150	12.8	10.2	15.4	





#60

4-Chlorophenyl-phenylether

Concen: 44.49 ng

RT: 11.51 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

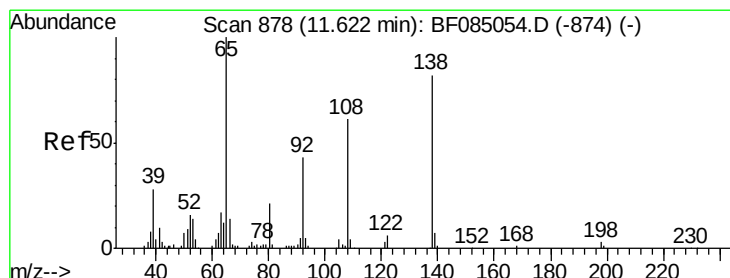
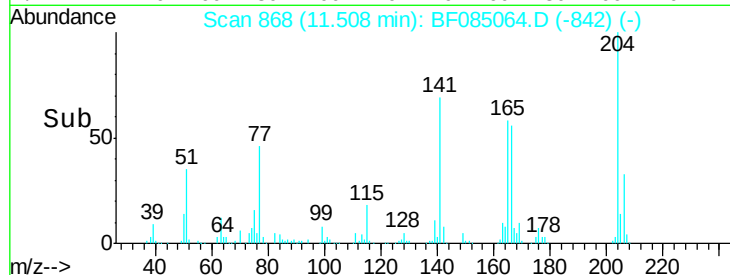
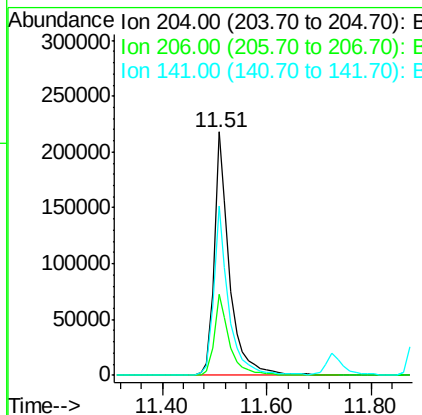
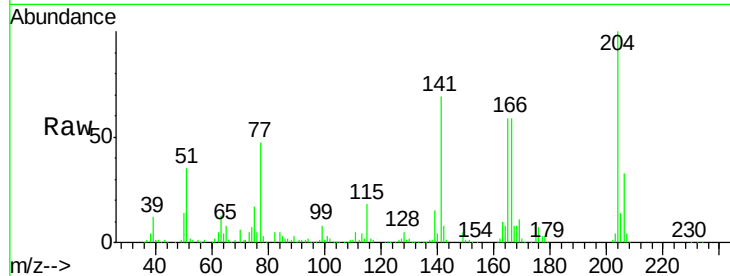
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	204	Resp:	442993
Ion Ratio		Lower	Upper
204	100		
206	33.3	25.8	38.6
141	69.4	50.5	75.7

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#61

4-Nitroaniline

Concen: 43.21 ng

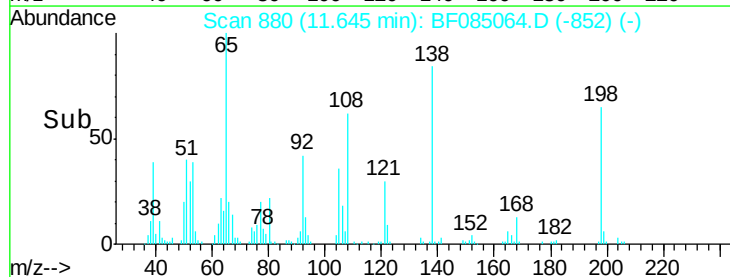
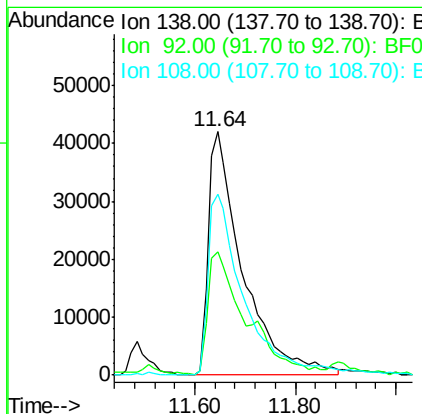
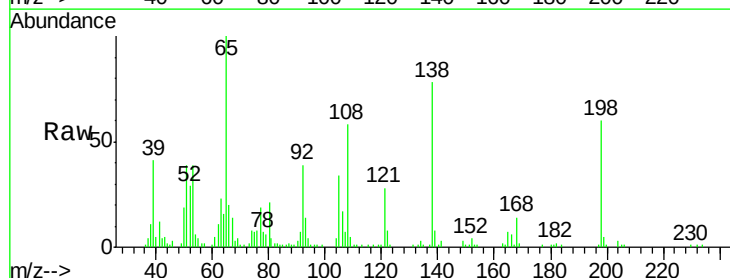
RT: 11.64 min Scan# 880

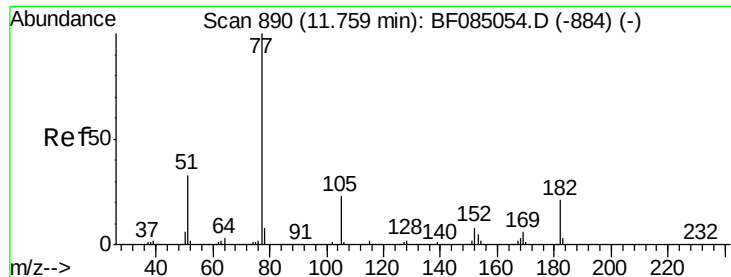
Delta R.T. 0.02 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	138	Resp:	198665
Ion Ratio		Lower	Upper
138	100		
92	50.6	32.6	72.6
108	74.0	54.6	94.6





#62

Azobenzene

Concen: 48.74 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion: 77 Resp: 1021465

Ion Ratio Lower Upper

77 100

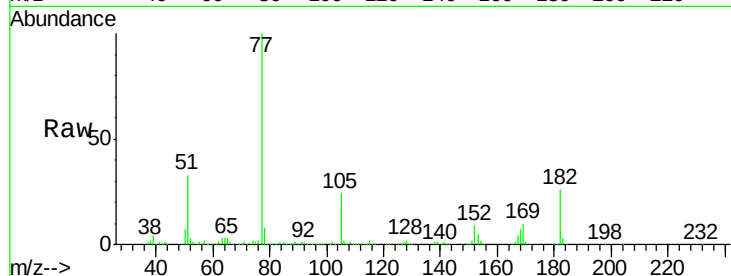
182 25.8 1.3 41.3

105 24.0 4.2 44.2

51 32.6 13.5 53.5

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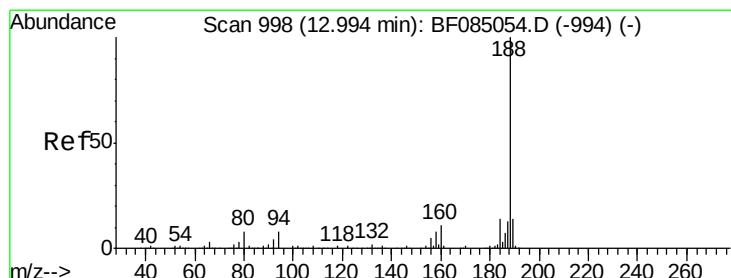
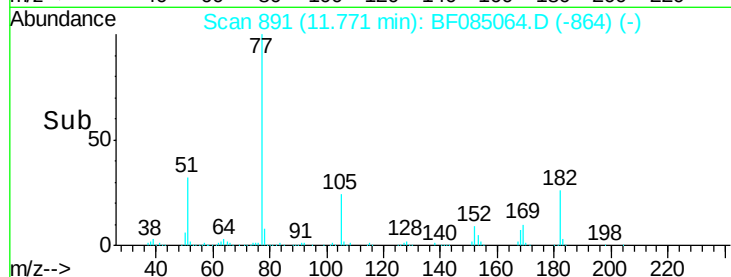
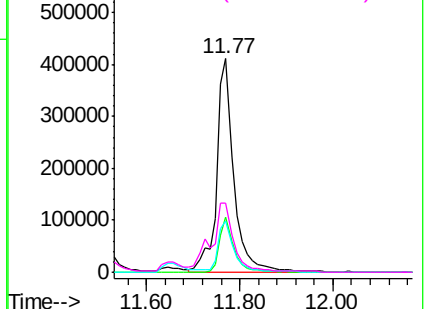


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

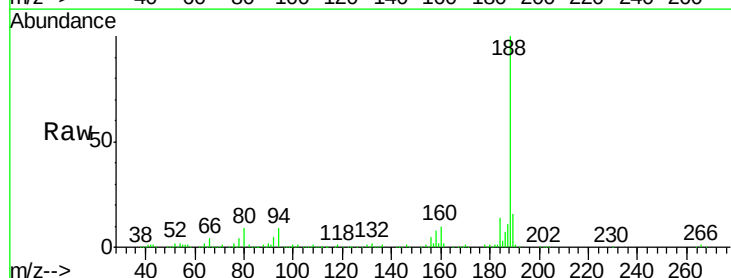
Tgt Ion: 188 Resp: 524862

Ion Ratio Lower Upper

188 100

94 9.1 6.2 9.2

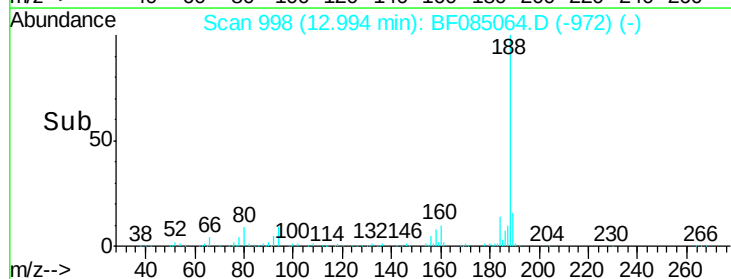
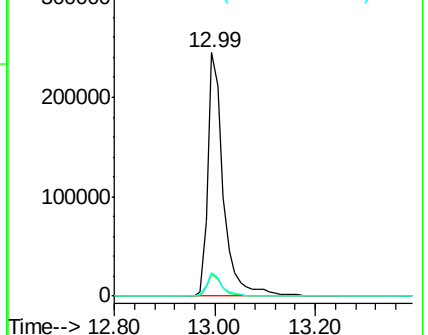
80 9.4 6.6 9.8

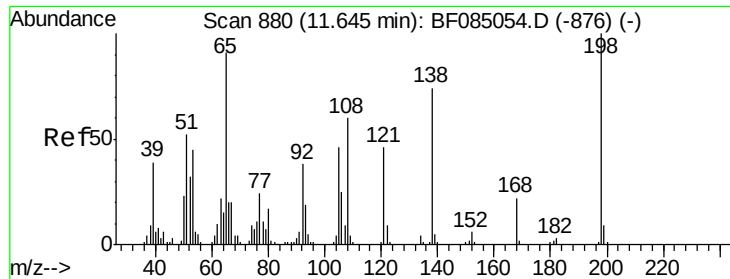


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





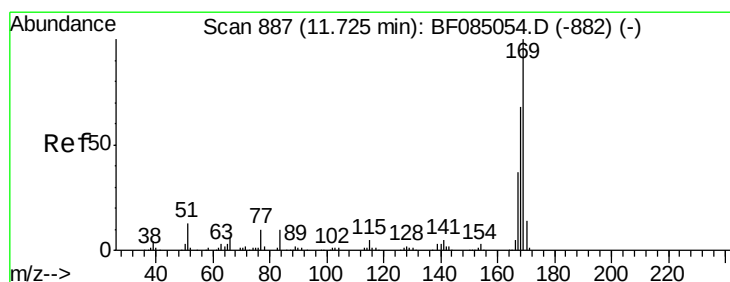
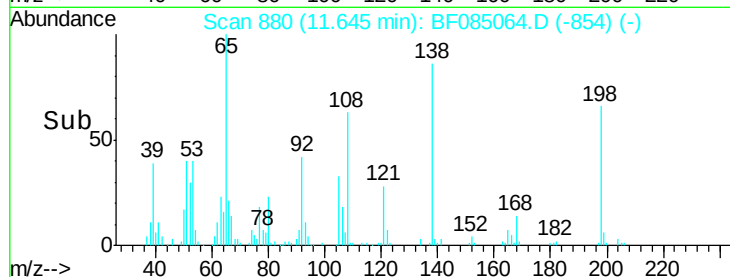
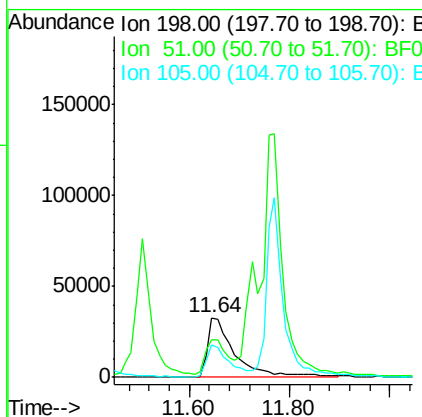
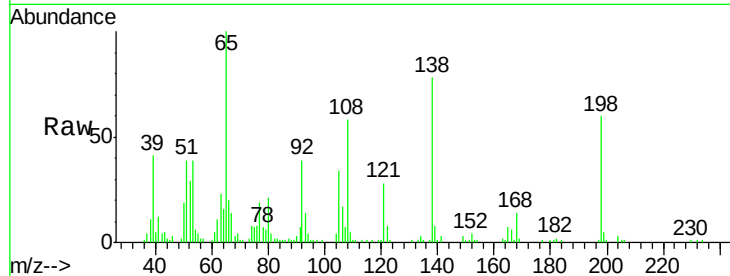
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.48 ng
 RT: 11.64 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	126594		
51	63.7	34.5	74.5	
105	55.4	26.2	66.2	

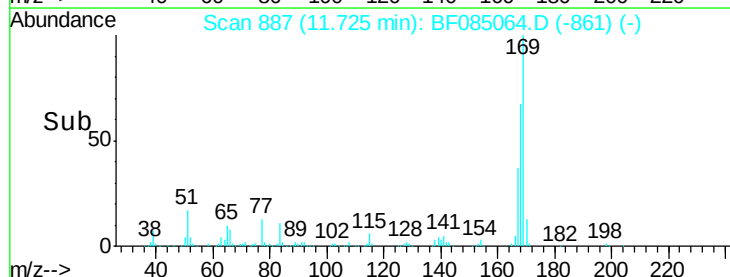
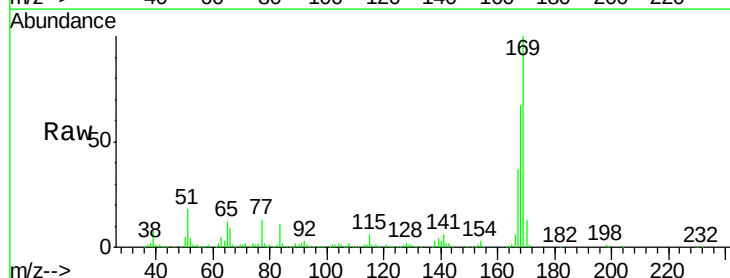
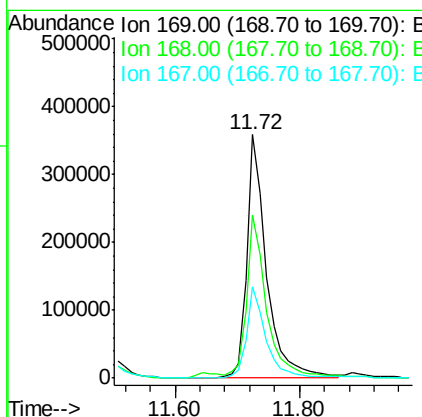
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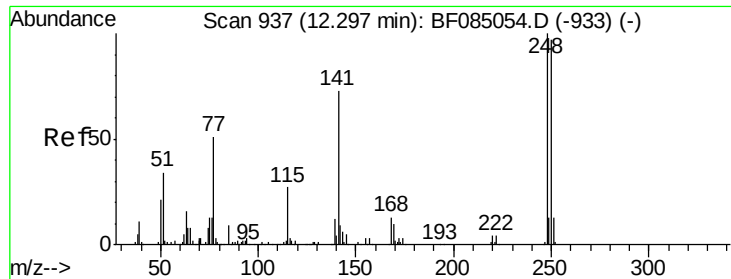
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#65
 n-Nitrosodiphenylamine
 Concen: 47.45 ng
 RT: 11.72 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	790834		
168	66.9	54.8	82.2	
167	37.4	29.8	44.8	





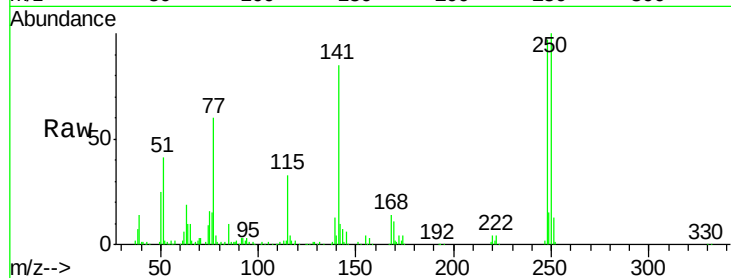
#66
4-Bromophenyl-phenylether
Concen: 46.05 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

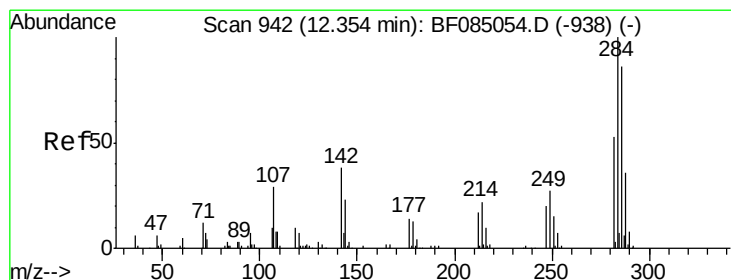
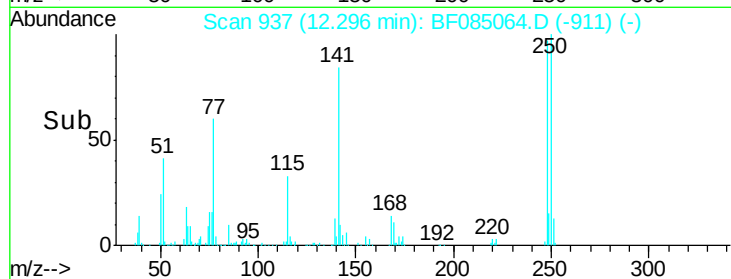
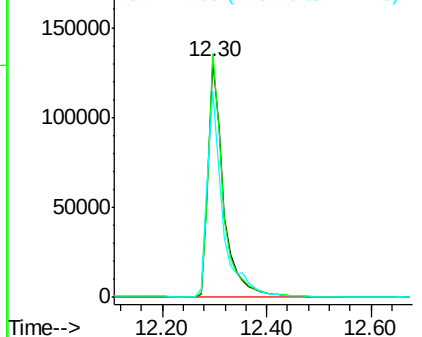
Tot Ion	Ratio	Lower	Upper
248	100		
250	103.2	77.5	116.3
141	87.8	58.2	87.4

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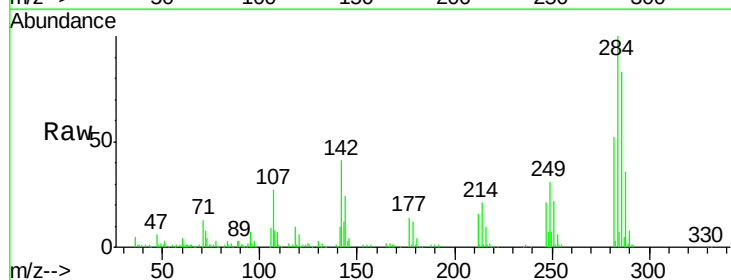


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

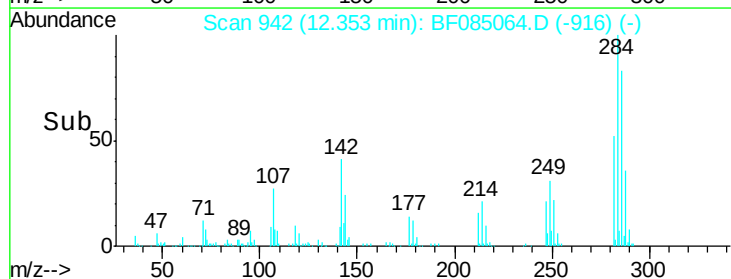
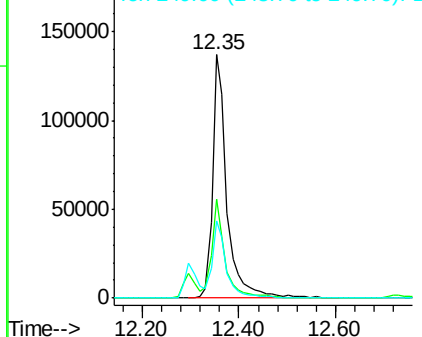


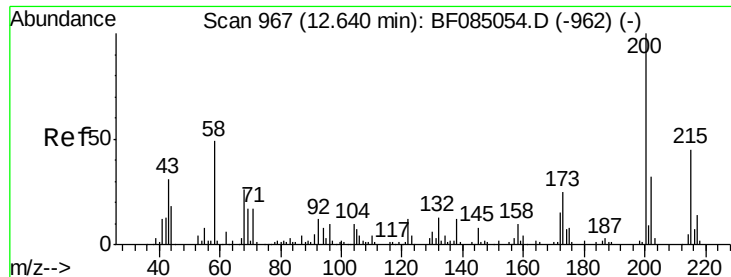
#67
Hexachlorobenzene
Concen: 46.11 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.8	33.5	50.3
249	31.5	27.4	41.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 43.99 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

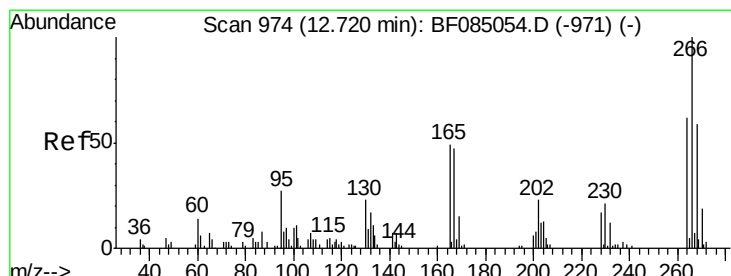
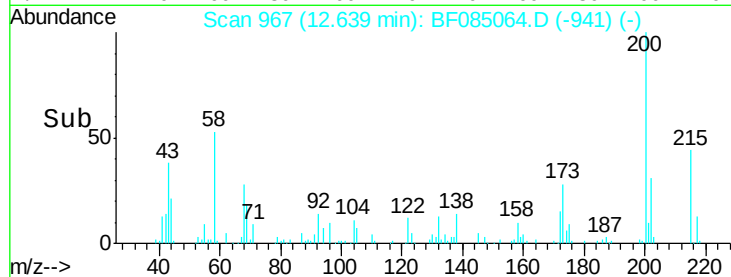
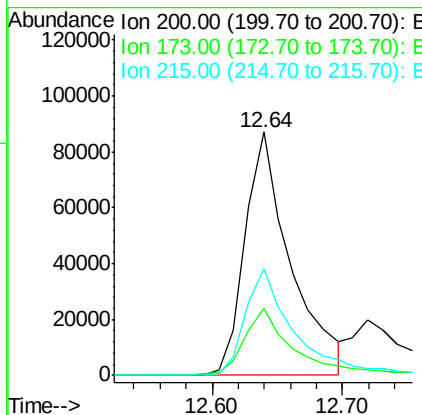
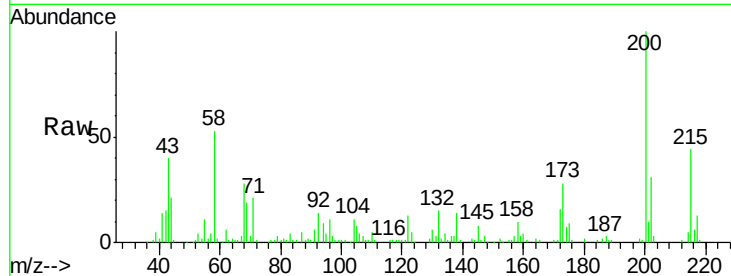
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	200	Resp:	212472
Ion Ratio	Lower	Upper	
200	100		
173	27.7	4.7	44.7
215	43.9	24.8	64.8

Manual Integrations
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#69

Pentachlorophenol

Concen: 85.06 ng

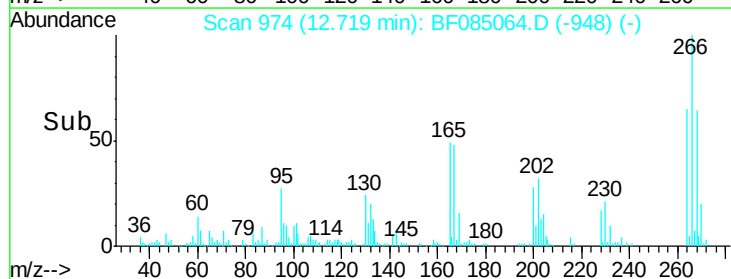
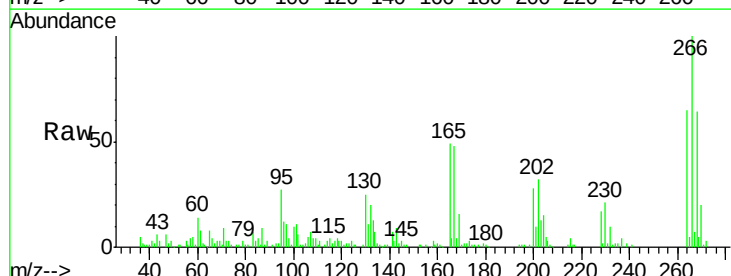
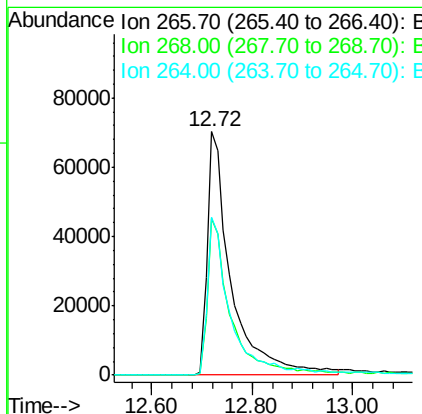
RT: 12.72 min Scan# 974

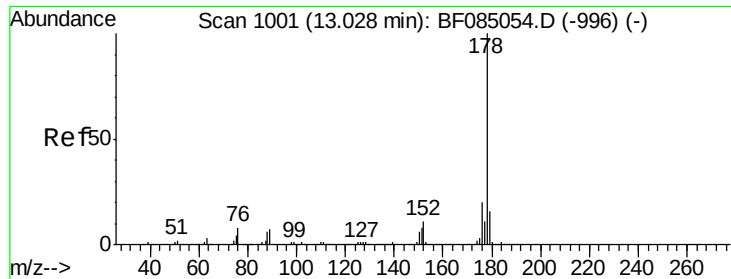
Delta R.T. 0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	266	Resp:	231123
Ion Ratio	Lower	Upper	
266	100		
268	64.2	47.3	70.9
264	64.7	49.8	74.6





#70

Phenanthrene

Concen: 44.52 ng

RT: 13.04 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion:178 Resp: 1288495

Ion Ratio Lower Upper

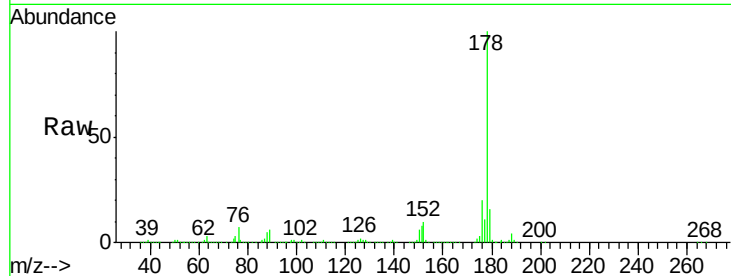
178 100

176 19.8 15.9 23.9

179 15.5 13.1 19.7

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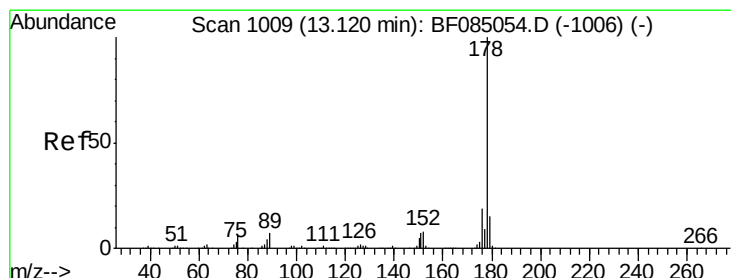
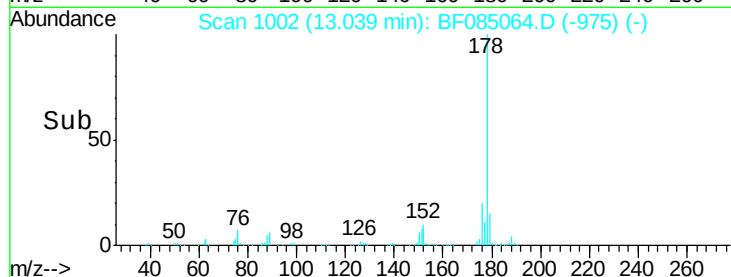
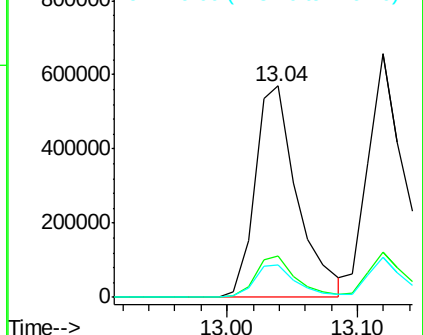
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 48.17 ng

RT: 13.12 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:178 Resp: 1456666

Ion Ratio Lower Upper

178 100

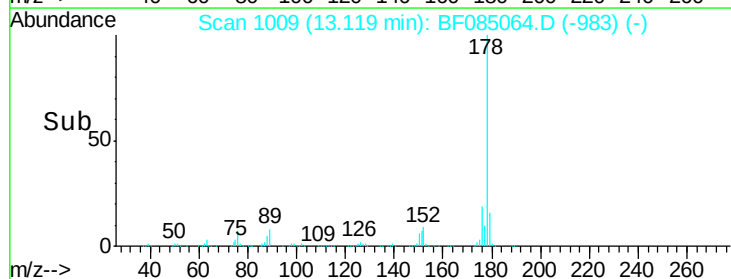
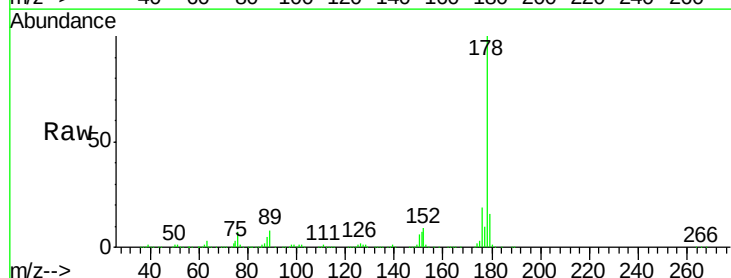
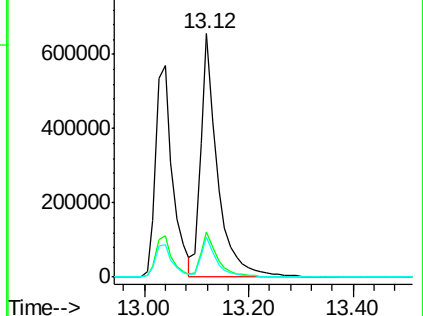
176 18.6 14.8 22.2

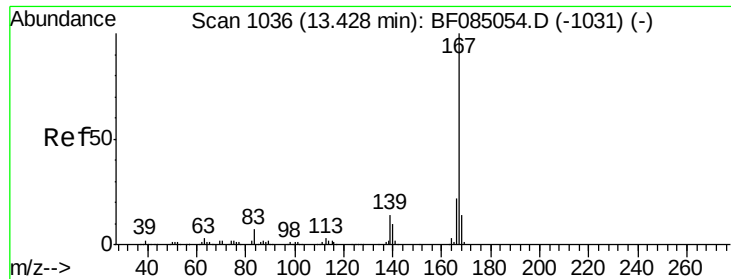
179 16.4 12.2 18.2

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: 48.79 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tot Ion:167 Resp: 1221675

Ion Ratio Lower Upper

167 100

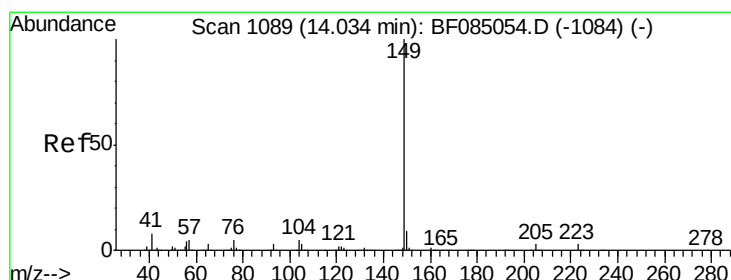
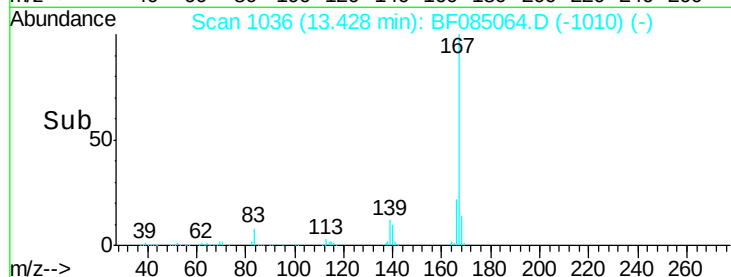
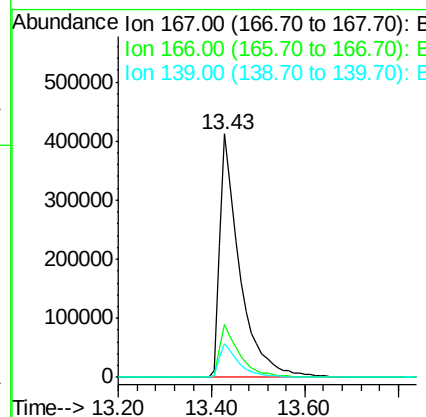
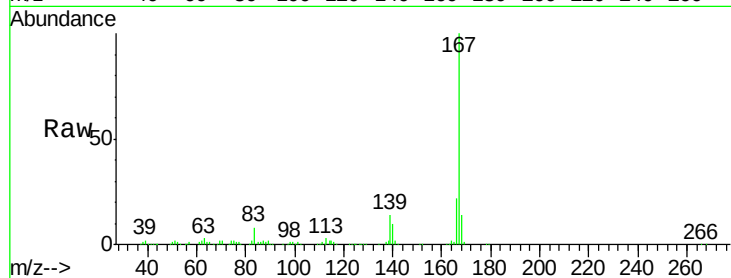
166 21.8 17.4 26.0

139 13.6 11.0 16.6

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#73

Di-n-butylphthalate

Concen: 44.92 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

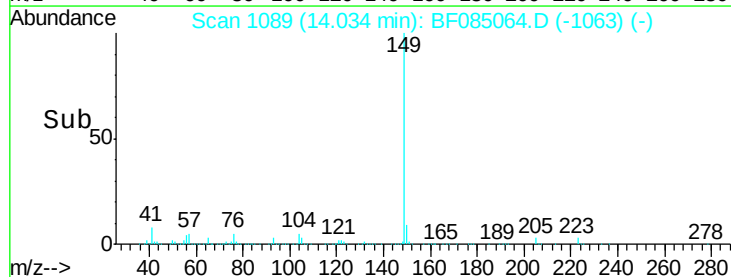
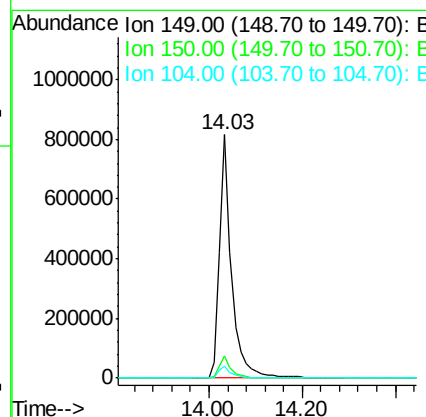
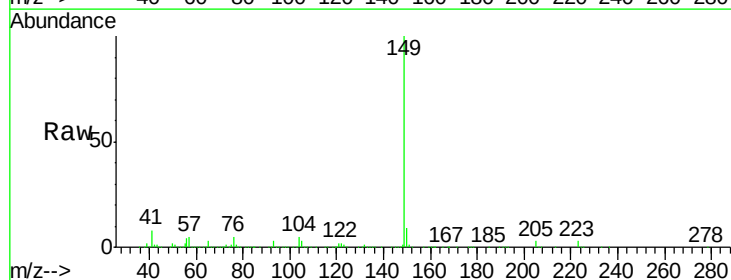
Tgt Ion:149 Resp: 1476559

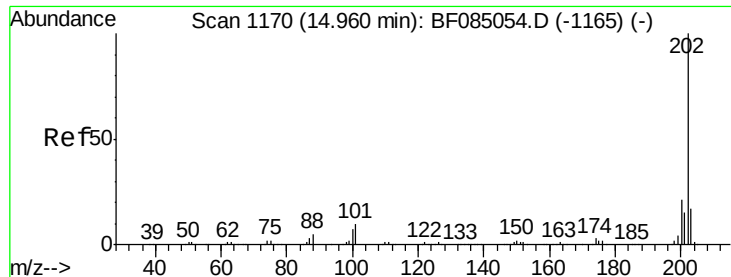
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.2 6.2





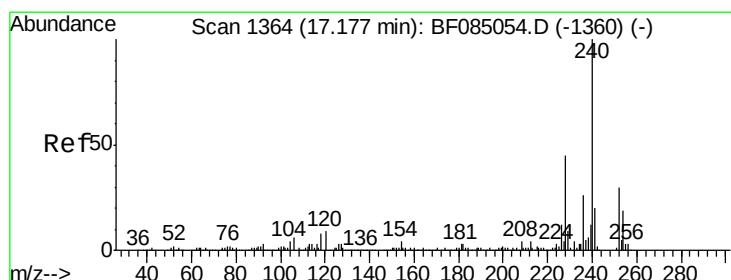
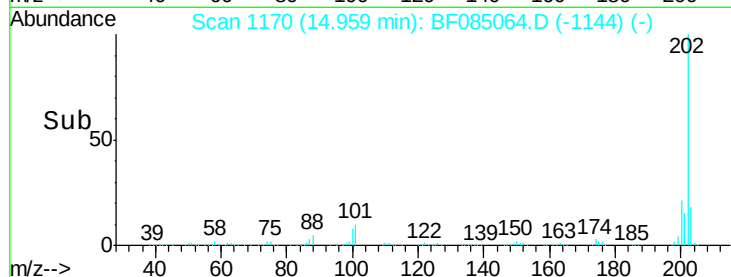
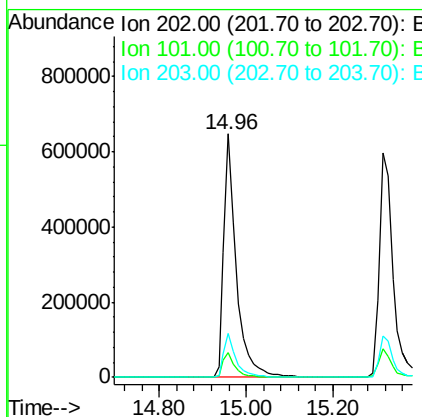
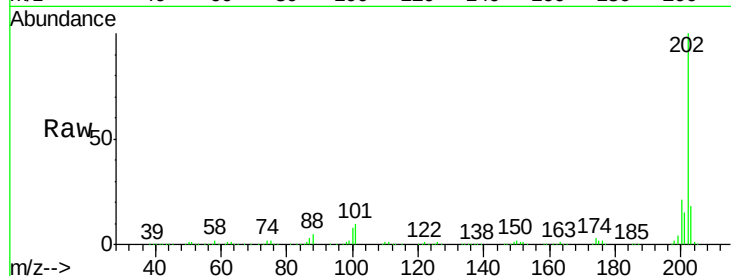
#74
 Fluoranthene
 Concen: 45.65 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.8
203	17.8	0.0	37.5

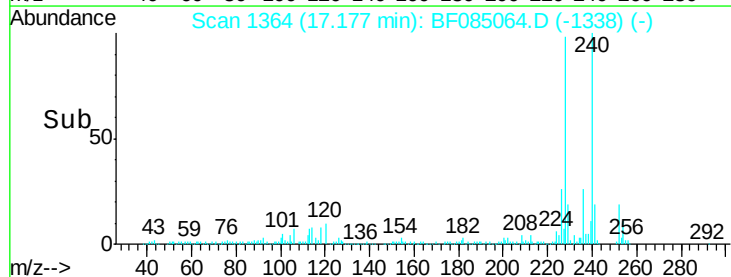
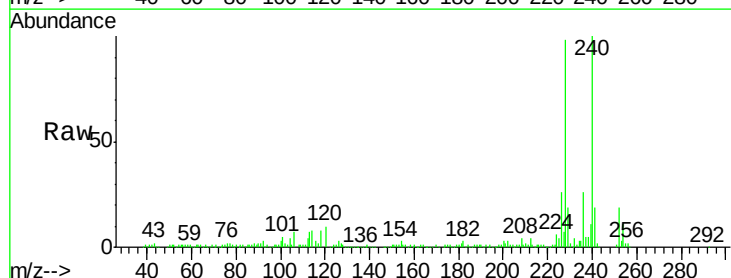
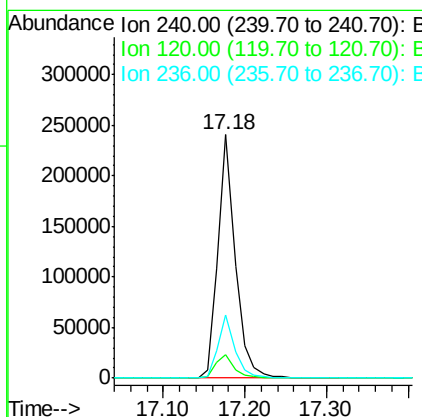
Manual Integrations
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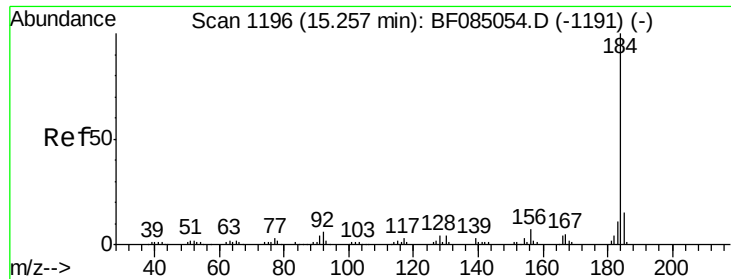
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.0	10.6
236	25.8	20.5	30.7





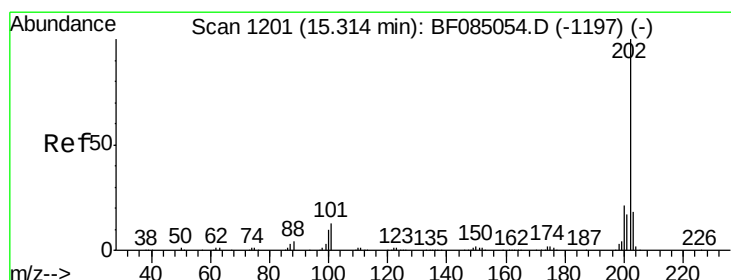
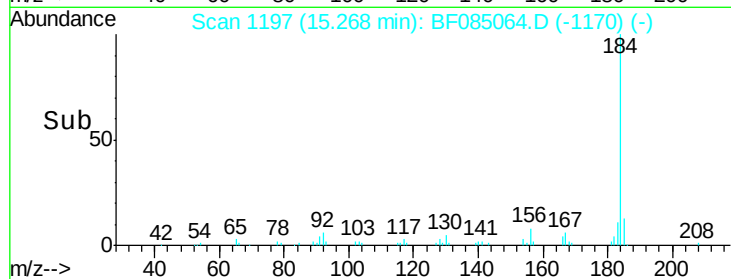
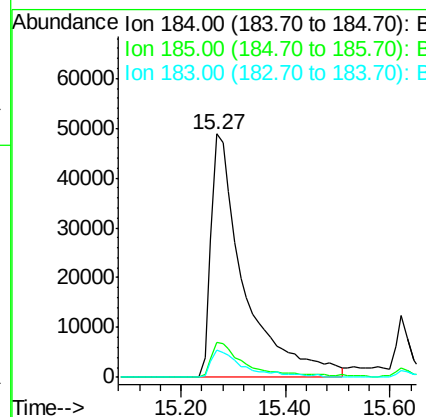
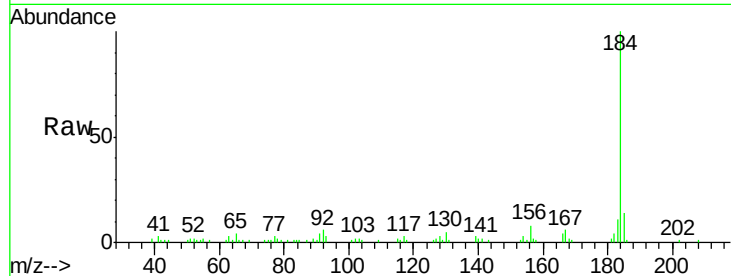
#76
Benzidine
Concen: 28.31 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	11.2	8.6	12.8

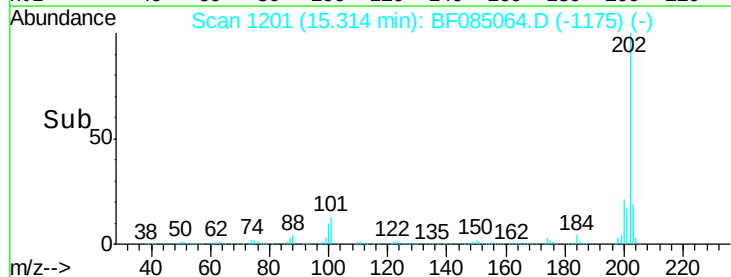
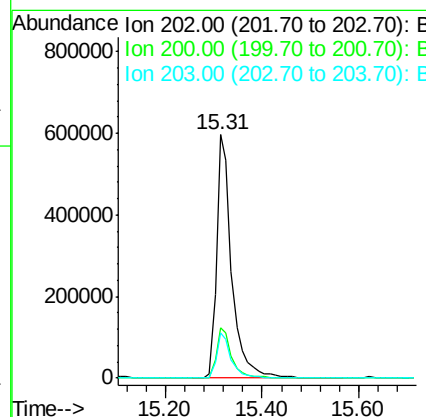
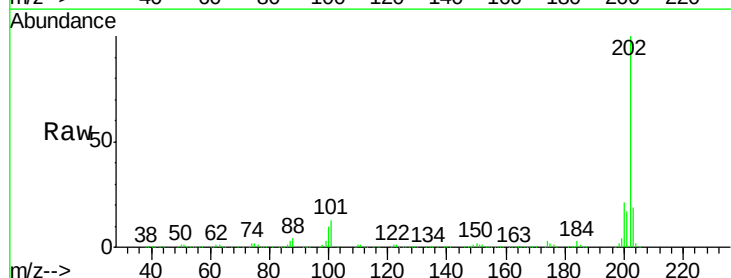
Manual Integrations
APPROVED

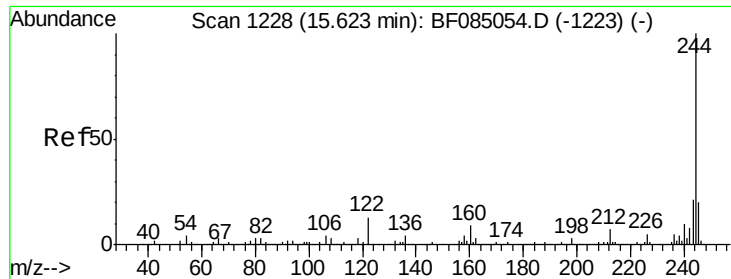
Sohil
2/15/2016 4:44:43 PM



#77
Pyrene
Concen: 46.13 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.5	14.2	21.4





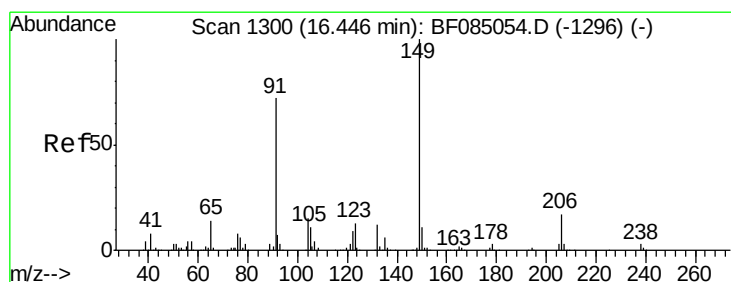
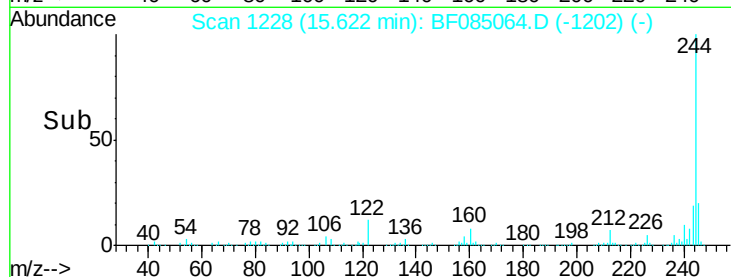
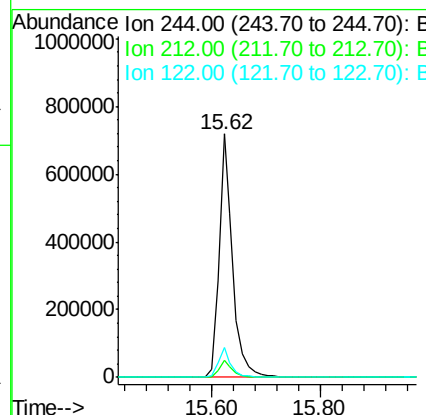
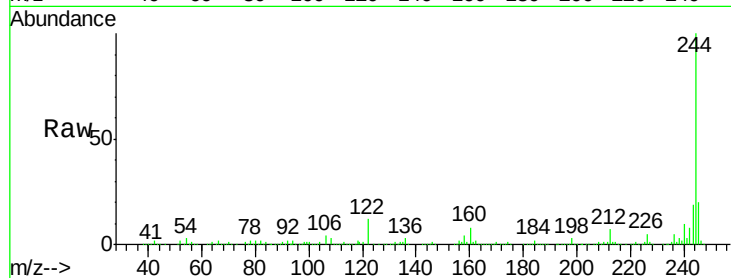
#78
 Terphenyl-d14
 Concen: 72.44 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.1	10.1	15.1

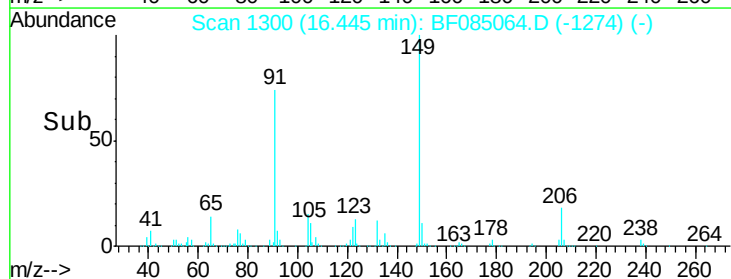
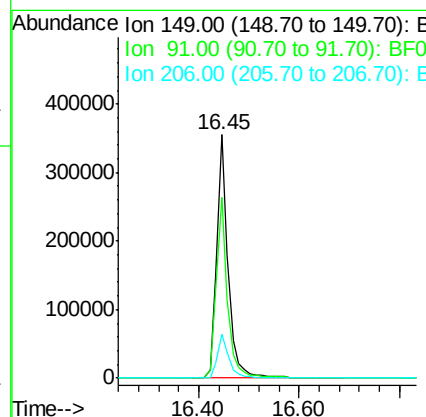
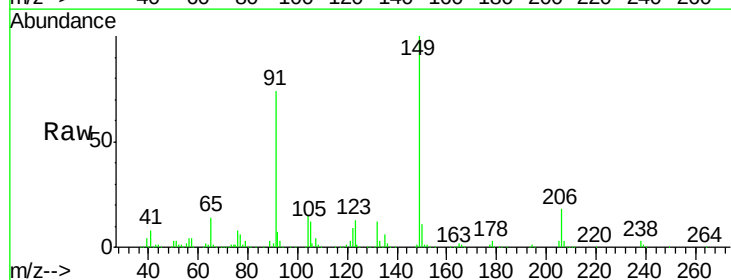
Manual Integrations
 APPROVED

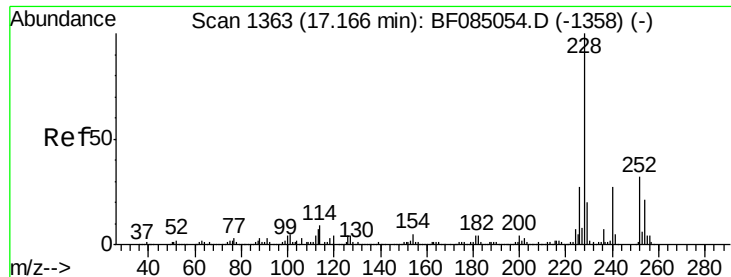
Sohil
 2/15/2016 4:44:43 PM



#79
 Butylbenzylphthalate
 Concen: 46.39 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	57.8	86.8
206	18.2	13.8	20.8





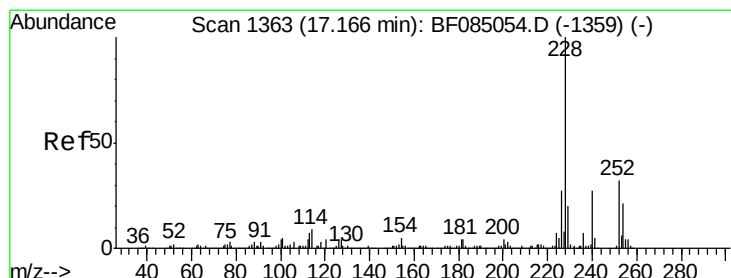
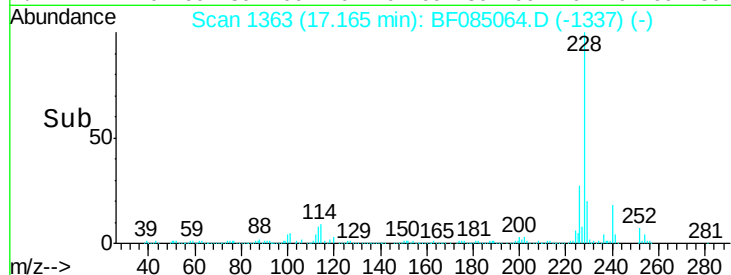
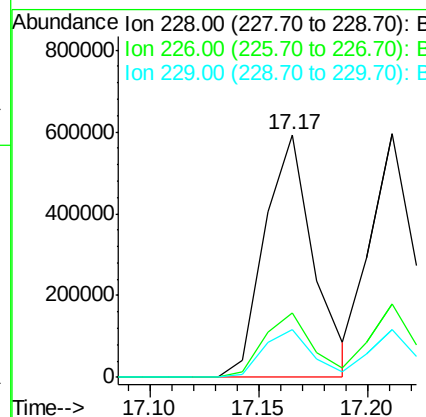
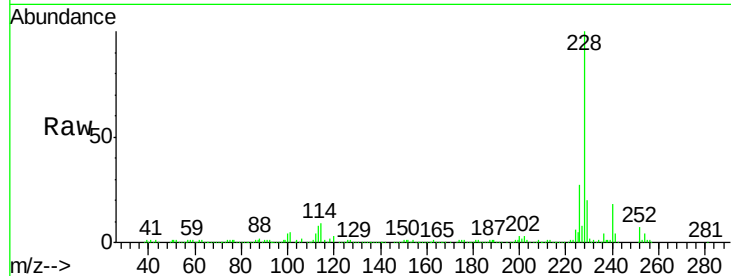
#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.8	15.8	23.8

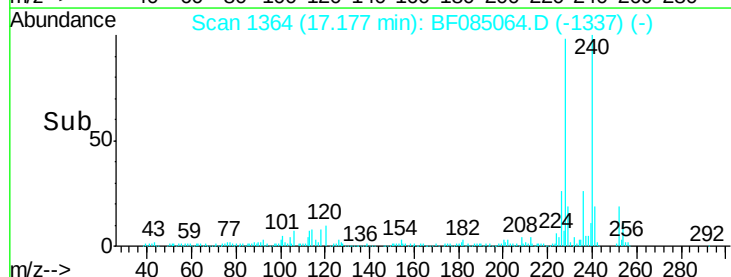
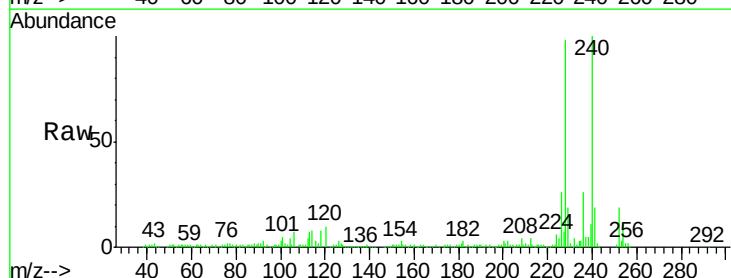
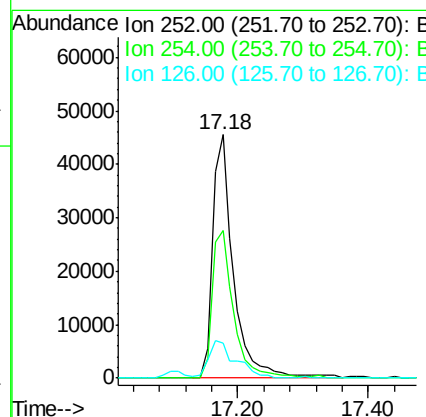
Manual Integrations
APPROVED

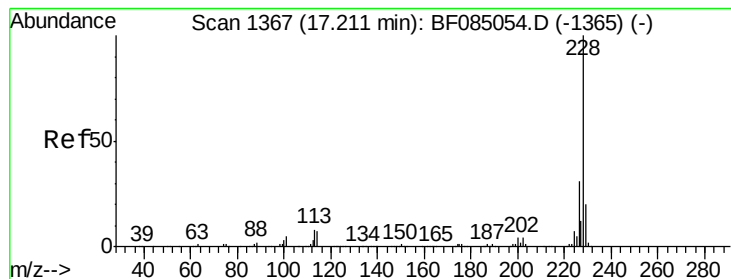
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 16.93 ng
RT: 17.18 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.6	52.9	79.3
126	14.6	10.6	16.0





#82

Chrysene

Concen: 45.08 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

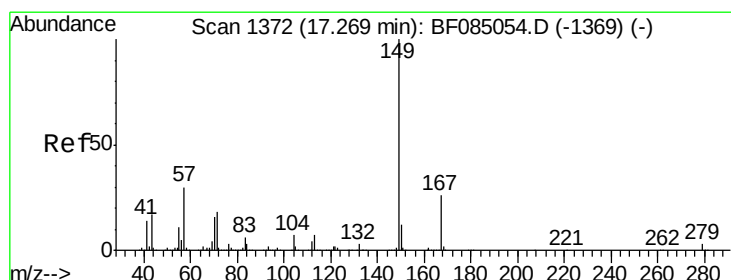
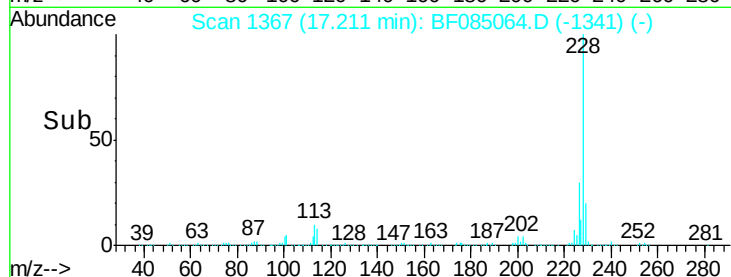
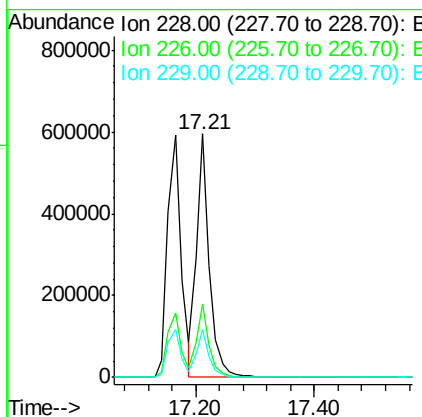
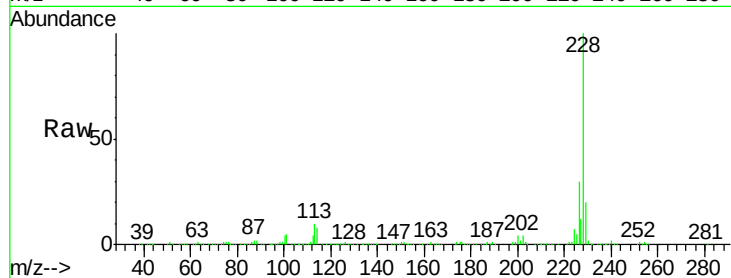
ClientSampleId :

S4-B003(10-12)MS

Tot Ion:	228	Resp:	903302
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.6	16.1	24.1

Manual Integrations
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2/15/2016 4:44:43 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.49 ng

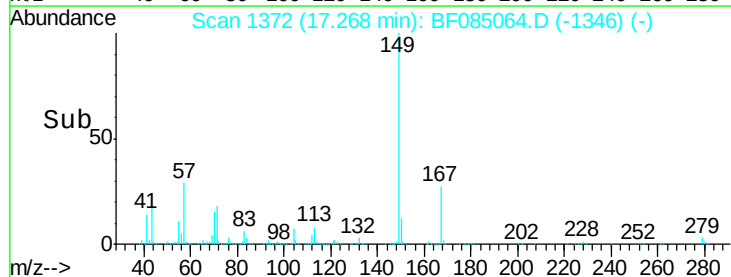
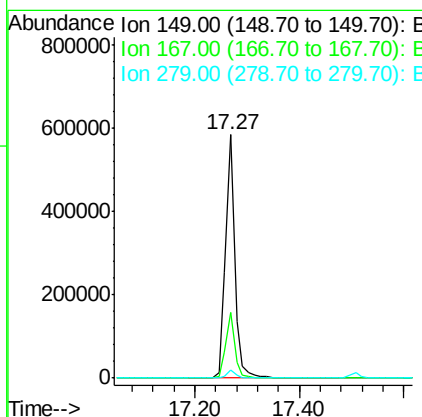
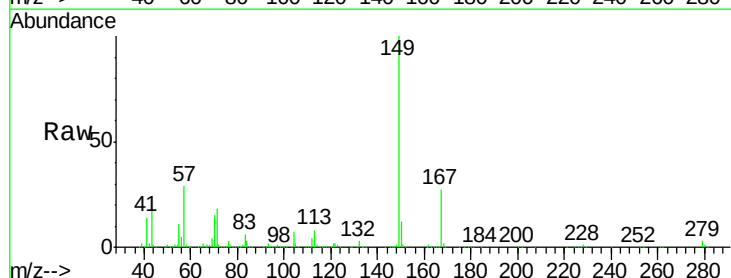
RT: 17.27 min Scan# 1372

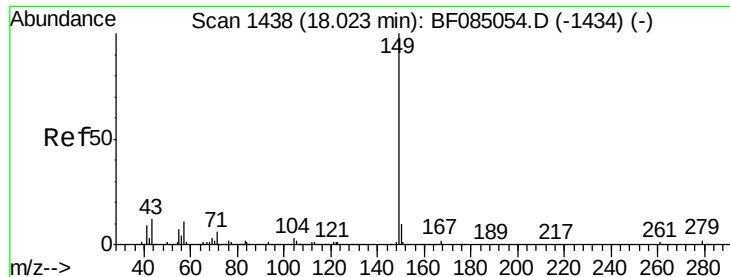
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:	149	Resp:	717884
Ion Ratio		Lower	Upper
149	100		
167	26.9	21.0	31.6
279	3.1	2.4	3.6





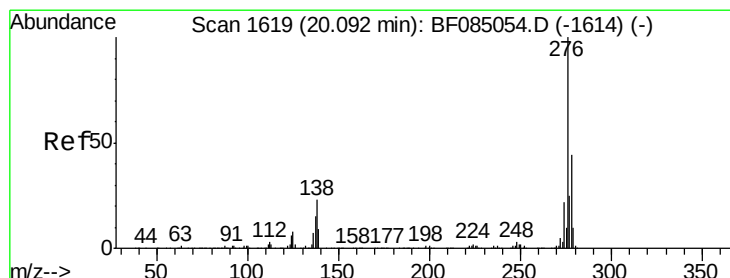
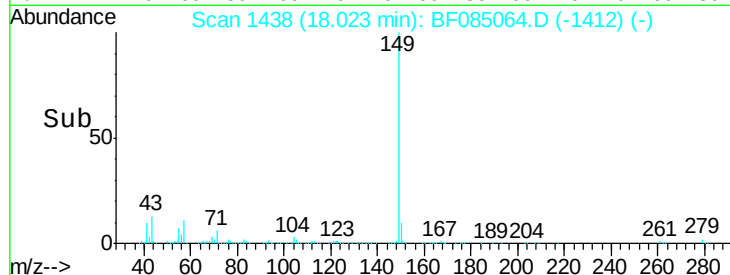
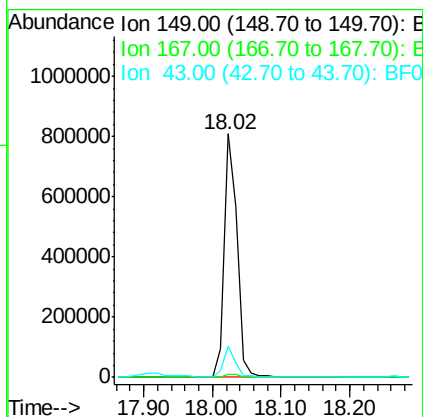
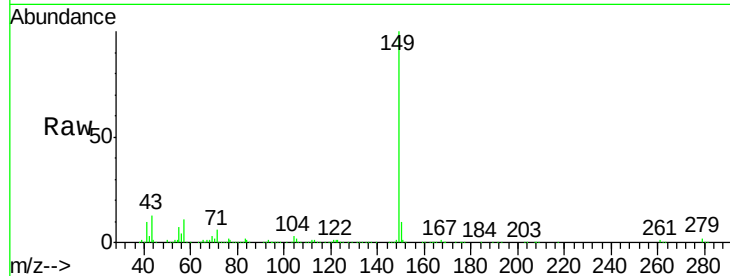
#84
Di-n-octyl phthalate
Concen: 48.03 ng
RT: 18.02 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	9.0	13.6

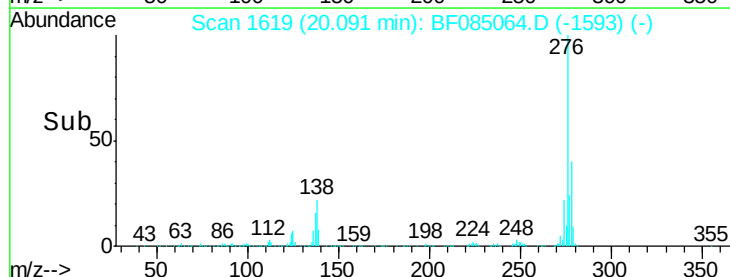
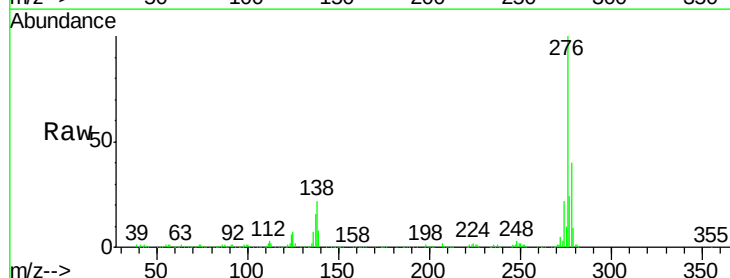
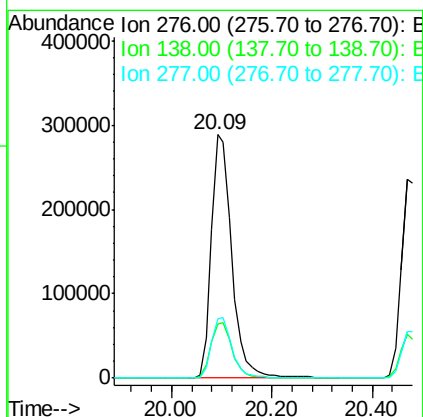
Manual Integrations
APPROVED

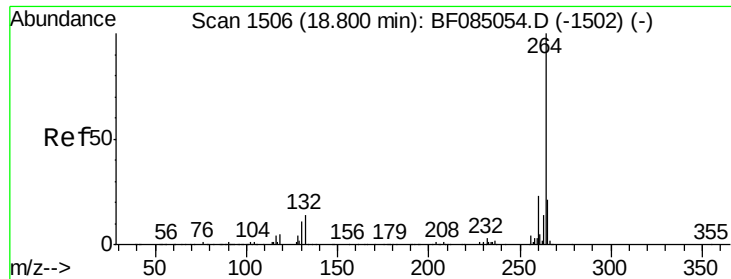
Sohil
2/15/2016 4:44:43 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.12 ng
RT: 20.09 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.0	28.4
277	24.9	20.0	30.0





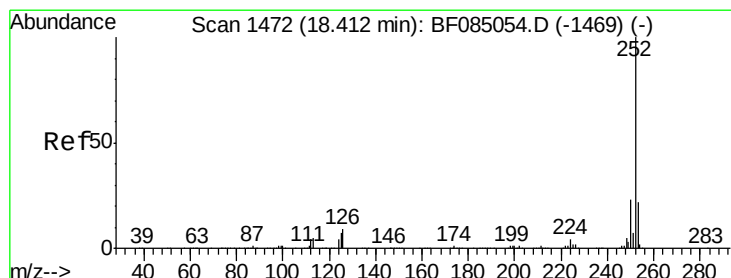
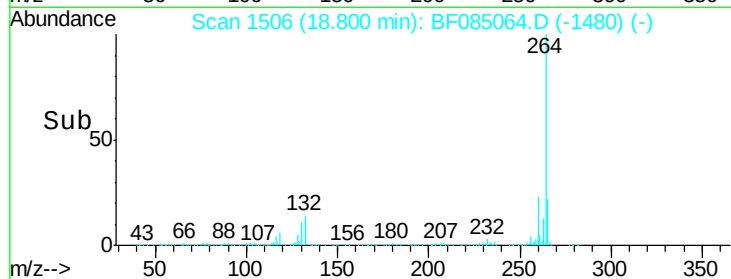
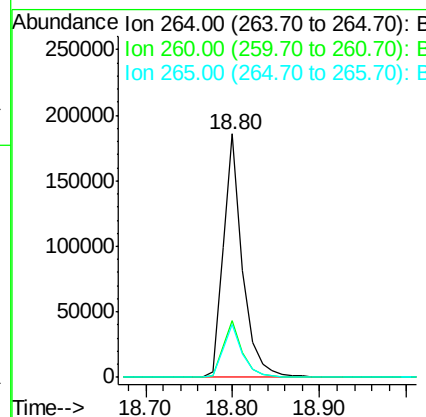
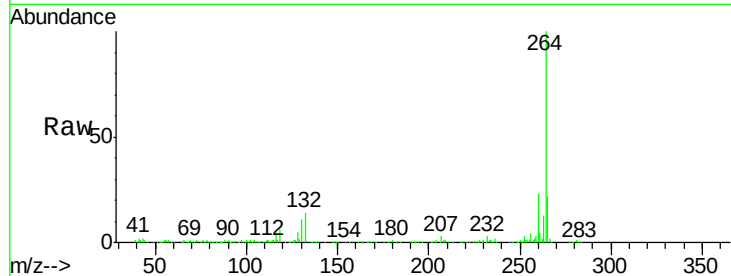
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.0	16.7	25.1

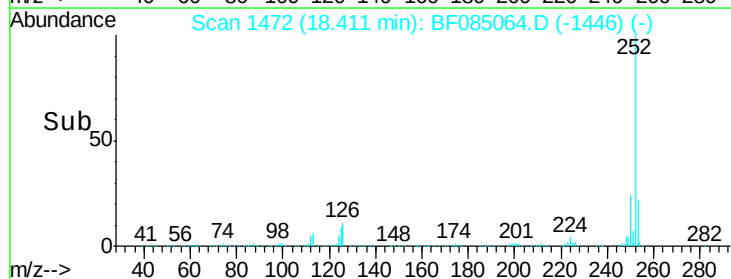
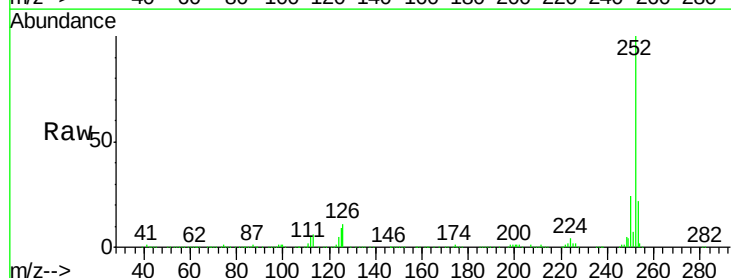
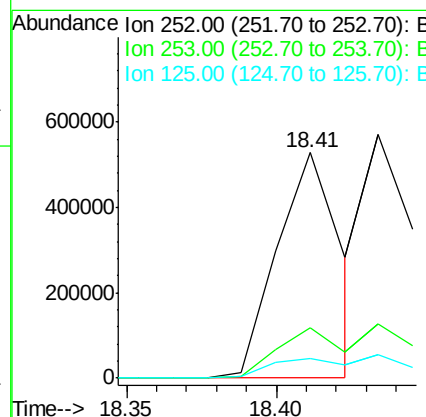
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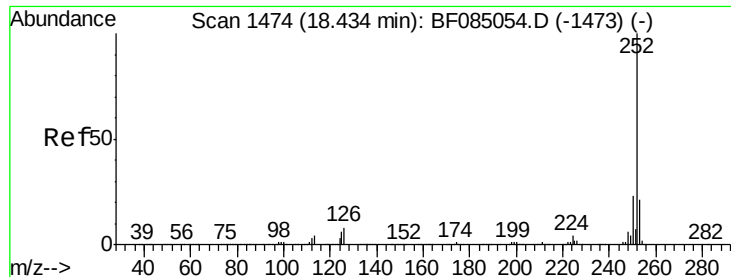
Sohil
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#87
Benzo(b)fluoranthene
Concen: 40.74 ng m
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.6	5.4	8.2#





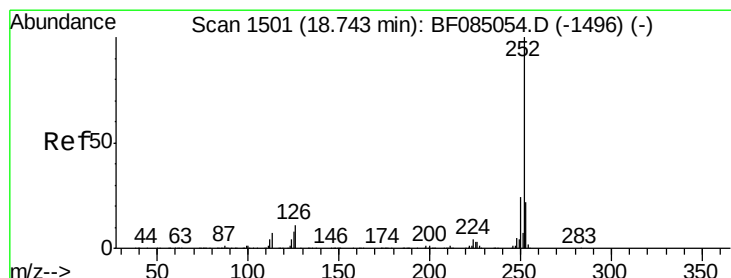
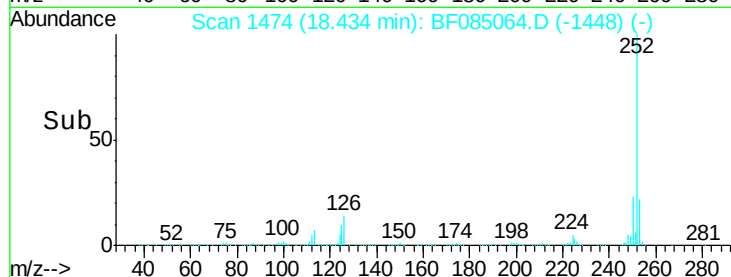
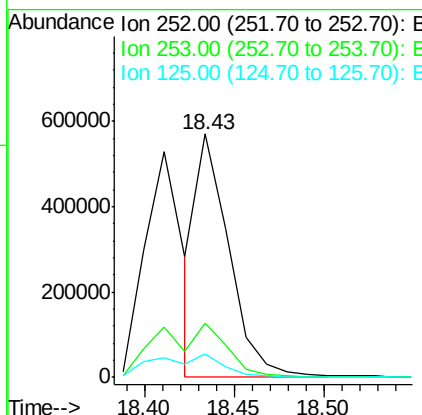
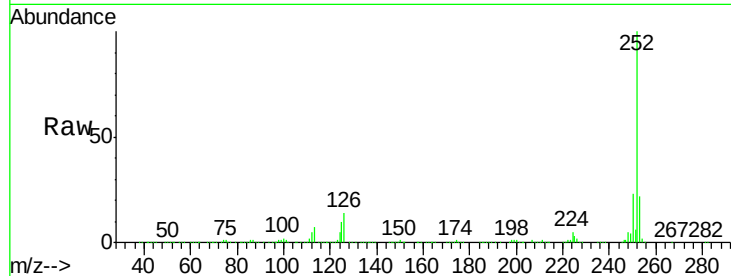
#88
Benzo(k)fluoranthene
Concen: 48.56 ng m
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.7	7.2	10.8

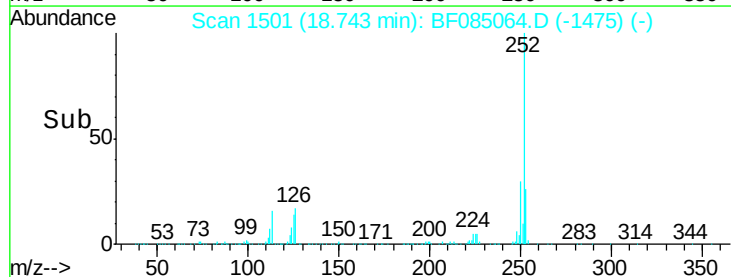
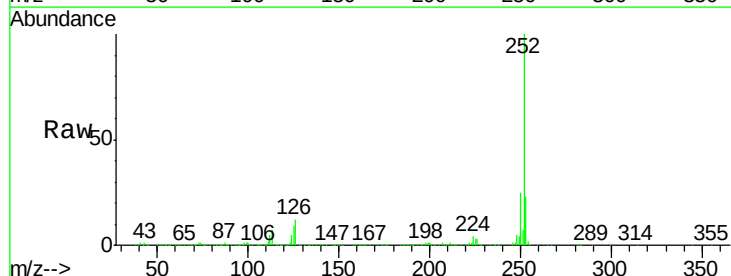
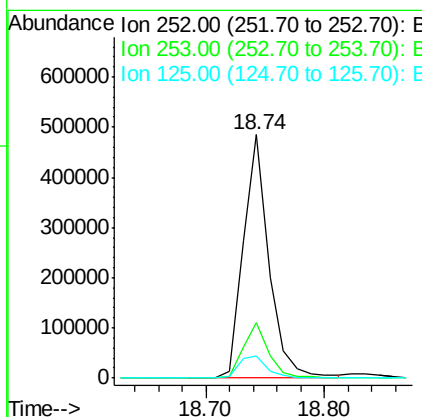
Manual Integrations
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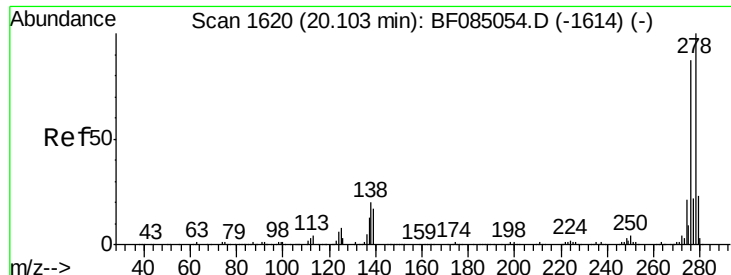
Sohil
2/15/2016 4:44:43 PM



#89
Benzo(a)pyrene
Concen: 45.56 ng
RT: 18.74 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.0	6.1	9.1





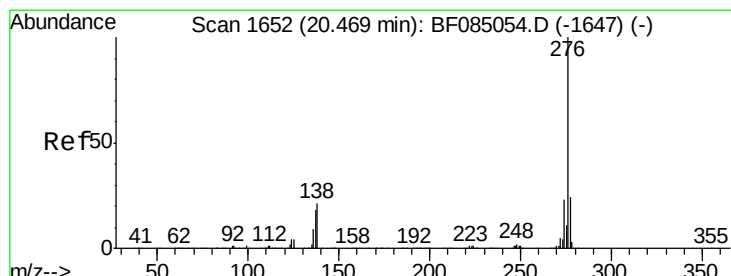
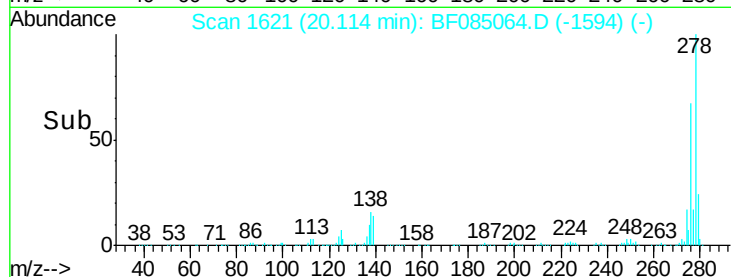
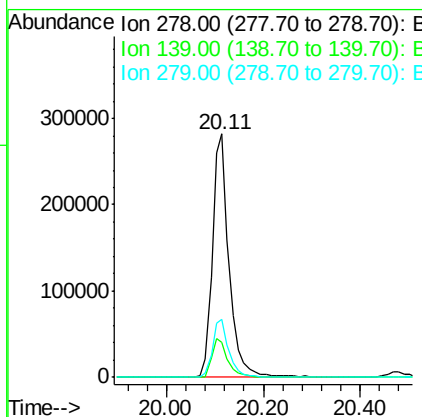
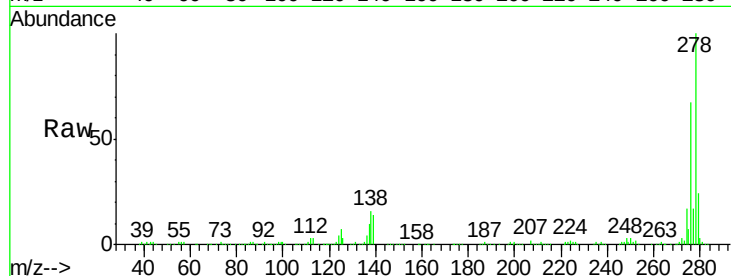
#90
Dibenzo(a,h)anthracene
Concen: 45.24 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.3	19.9
279	23.8	18.6	27.8

Manual Integrations
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2/15/2016 4:44:43 PM



#91
Benzo(g,h,i)perylene
Concen: 44.41 ng
RT: 20.47 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	22.0	16.6	24.8

