

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085624.D
 Acq On : 21 Mar 2016 16:09
 Operator : UM/SJ
 Sample : H1788-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:33:32 PM

Quant Time: Mar 22 01:32:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139153	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	552231	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	265789	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	473044	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	330602	20.00	ng	-0.01
86) Perylene-d12	15.42	264	236899	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1018306	122.92	ng	0.00
7) Phenol-d6	6.48	99	1418728	133.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	913646	96.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	315975	121.36	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1493109	100.34	ng	-0.01
78) Terphenyl-d14	12.95	244	1200840	87.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	153594	38.14	ng	99
3) Pyridine	3.22	79	378604	38.29	ng	99
4) n-Nitrosodimethylamine	3.17	42	186382	45.15	ng	98
6) Aniline	6.52	93	404768	28.36	ng	95
8) 2-Chlorophenol	6.63	128	422342	44.07	ng	96
9) Benzaldehyde	6.39	77	90389	14.91	ng	94
10) Phenol	6.50	94	506872	41.88	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	394413	43.23	ng	99
12) 1,3-Dichlorobenzene	6.78	146	448119m	42.91	ng	
13) 1,4-Dichlorobenzene	6.86	146	435920	40.92	ng	99
14) 1,2-Dichlorobenzene	7.02	146	426139	45.05	ng	99
15) Benzyl Alcohol	7.00	79	352224	48.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	531512	44.30	ng	97
17) 2-Methylphenol	7.11	107	375900	47.32	ng	100
18) Hexachloroethane	7.35	117	173045	44.99	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	293541	46.25	ng	99
20) 3+4-Methylphenols	7.26	107	380981	41.40	ng	95
22) Acetophenone	7.26	105	529325	40.39	ng	# 99
24) Nitrobenzene	7.43	77	430493	41.34	ng	99
25) Isophorone	7.67	82	843548	44.29	ng	99
26) 2-Nitrophenol	7.75	139	258212	50.17	ng	96
27) 2,4-Dimethylphenol	7.78	122	383654	42.15	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	544600	50.27	ng	100
29) 2,4-Dichlorophenol	7.99	162	340852	45.35	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	362162	43.02	ng	98
31) Naphthalene	8.15	128	1153403	41.38	ng	100
32) Benzoic acid	7.89	122	81090	10.66	ng	91
33) 4-Chloroaniline	8.20	127	208885	18.28	ng	# 93
34) Hexachlorobutadiene	8.28	225	195180	43.50	ng	99
35) Caprolactam	8.58	113	115013m	44.47	ng	
36) 4-Chloro-3-methylphenol	8.69	107	393715	44.85	ng	99
37) 2-Methylnaphthalene	8.85	142	855325	50.34	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	305246	37.86	ng	99
40) Hexachlorocyclopentadiene	9.00	237	311182	85.64	ng	100

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Manual Integrations
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 3/22/2016 5:33:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	237267	42.99	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	248632	44.27	ng #	90
45) 1,1'-Biphenyl	9.30	154	874696	38.15	ng	99
46) 2-Chloronaphthalene	9.33	162	707468	42.24	ng #	91
47) 2-Nitroaniline	9.43	65	234389	46.26	ng	100
48) Acenaphthylene	9.75	152	1195629	44.11	ng	99
49) Dimethylphthalate	9.61	163	1005763	50.15	ng	100
50) 2,6-Dinitrotoluene	9.67	165	178987	42.27	ng	94
51) Acenaphthene	9.92	154	743071	43.69	ng	99
52) 3-Nitroaniline	9.84	138	158283	29.85	ng	96
53) 2,4-Dinitrophenol	9.96	184	172258	66.41	ng #	62
54) Dibenzofuran	10.09	168	1011018	48.81	ng	99
55) 4-Nitrophenol	10.01	139	319276	77.90	ng	100
56) 2,4-Dinitrotoluene	10.08	165	274311	49.48	ng #	82
57) Fluorene	10.44	166	783245	45.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	186325	46.07	ng	97
59) Diethylphthalate	10.31	149	799737	40.11	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	353666	41.95	ng	95
61) 4-Nitroaniline	10.46	138	201752	38.59	ng	93
62) Azobenzene	10.58	77	876446	45.80	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	135148	44.65	ng #	51
65) n-Nitrosodiphenylamine	10.55	169	722286	49.02	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	234201	49.56	ng	93
67) Hexachlorobenzene	10.98	284	252290	50.25	ng	96
68) Atrazine	11.08	200	229383	51.13	ng	100
69) Pentachlorophenol	11.18	266	252181	82.73	ng	100
70) Phenanthrene	11.40	178	1191576	47.77	ng	100
71) Anthracene	11.44	178	1048446	40.09	ng	100
72) Carbazole	11.60	167	1077541	47.76	ng	99
73) Di-n-butylphthalate	11.93	149	1329049	47.04	ng	99
74) Fluoranthene	12.57	202	1040228	39.83	ng	98
76) Benzidine	12.70	184	94808	8.53	ng	98
77) Pyrene	12.80	202	1055498	44.46	ng	99
79) Butylbenzylphthalate	13.42	149	463355	40.95	ng #	71
80) Benzo(a)anthracene	13.99	228	819382	42.69	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	166124	23.62	ng #	95
82) Chrysene	14.03	228	675175	36.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	549108	39.06	ng #	99
84) Di-n-octyl phthalate	14.60	149	890620	38.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	713490	46.24	ng	99
87) Benzo(b)fluoranthene	15.02	252	701231m	45.36	ng	
88) Benzo(k)fluoranthene	15.04	252	582139m	45.71	ng	
89) Benzo(a)pyrene	15.36	252	609558	46.51	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	603200	55.19	ng	98
91) Benzo(g,h,i)perylene	17.24	276	614692	58.10	ng	99

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

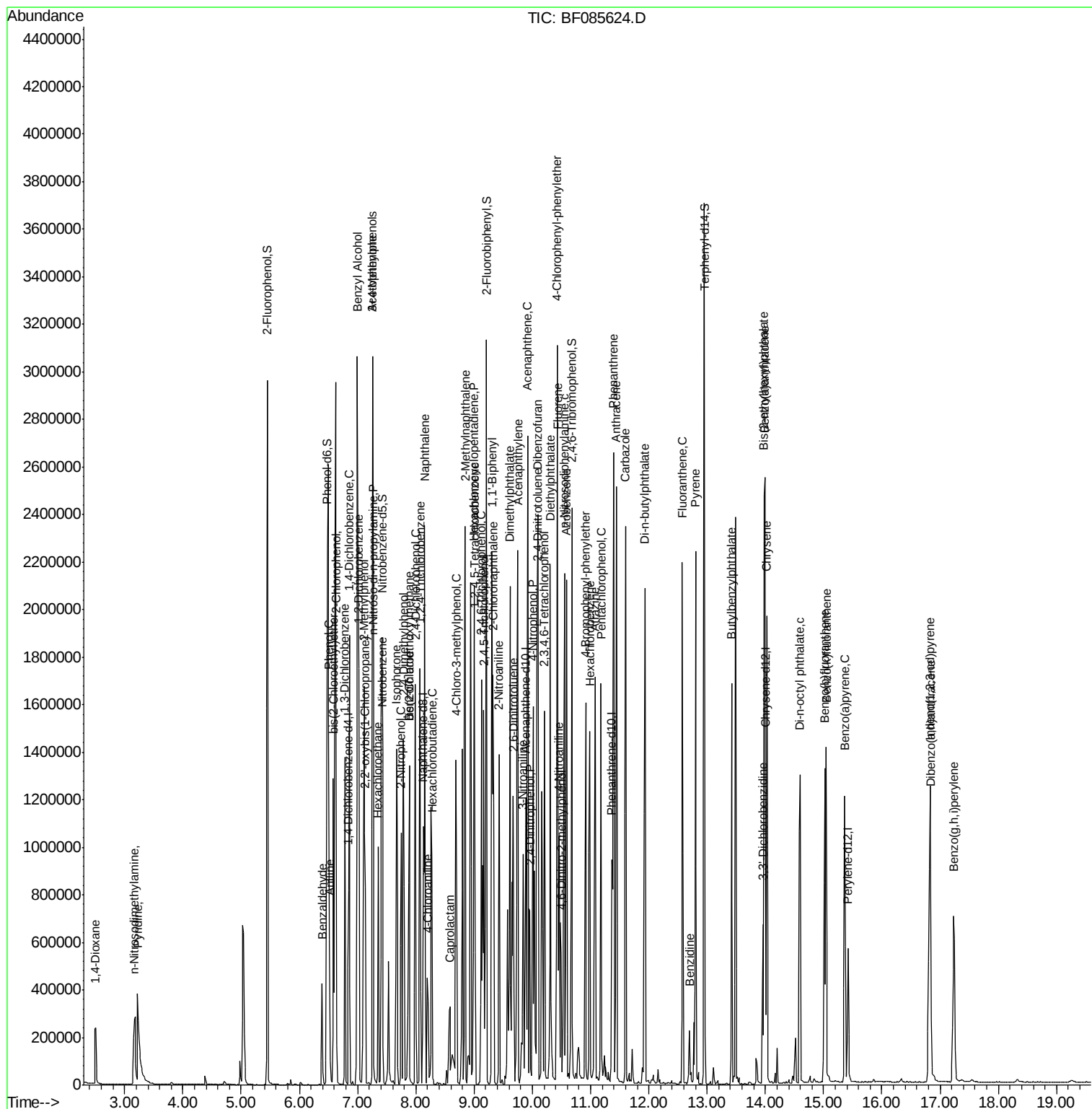
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Operator  : UM/SJ
Sample    : H1788-01MS
Misc      :
ALS Vial  : 9      Sample Multiplier: 1
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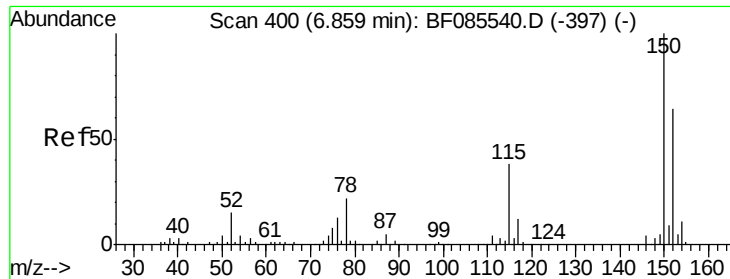
Instrument :
BNA_F
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SB-1(8-9)MS

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

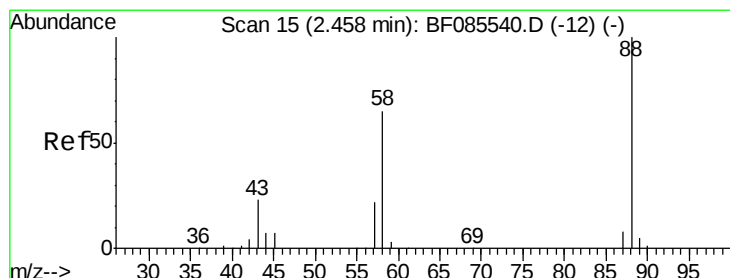
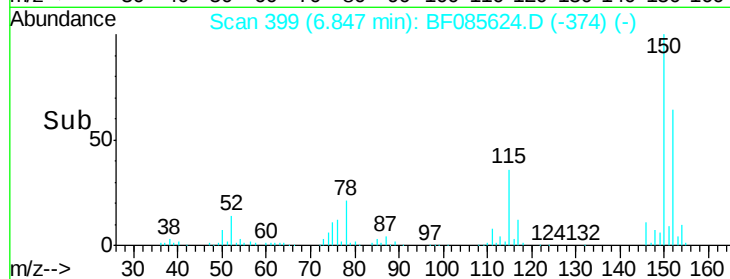
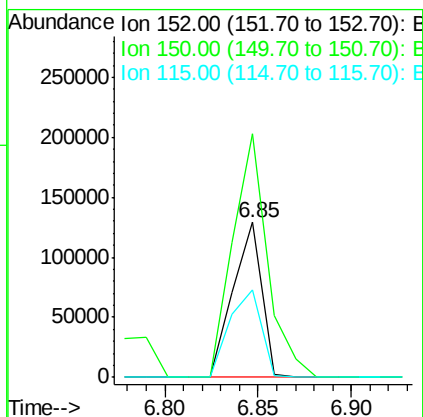
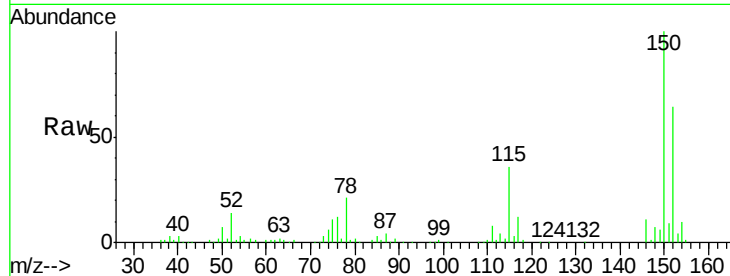
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	152	Resp:	139153
Ion Ratio	Lower	Upper	
152	100		
150	156.9	124.2	186.2
115	56.4	47.0	70.6

Manual Integrations
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#2

1,4-Dioxane

Concen: 38.14 ng

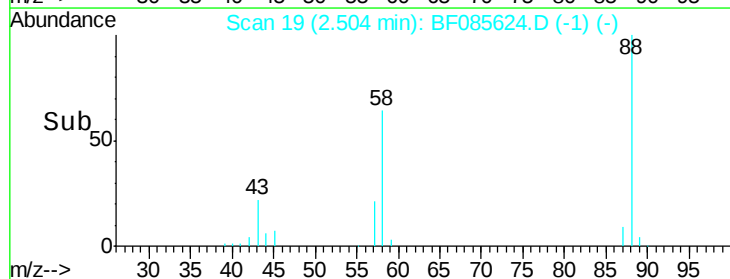
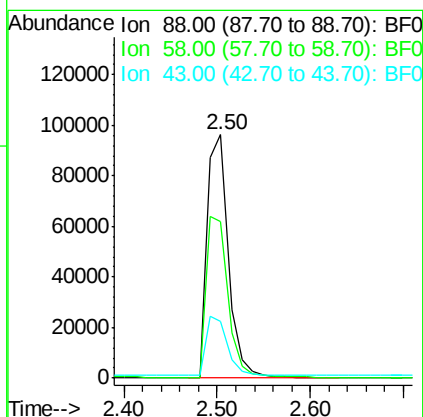
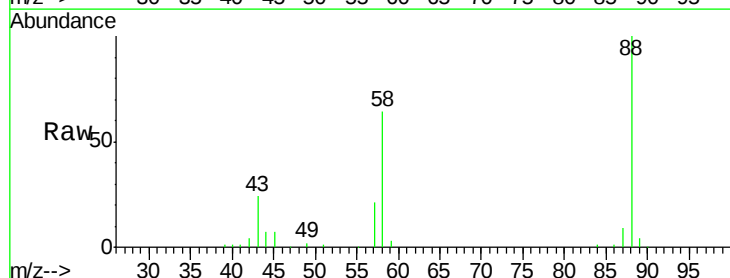
RT: 2.50 min Scan# 19

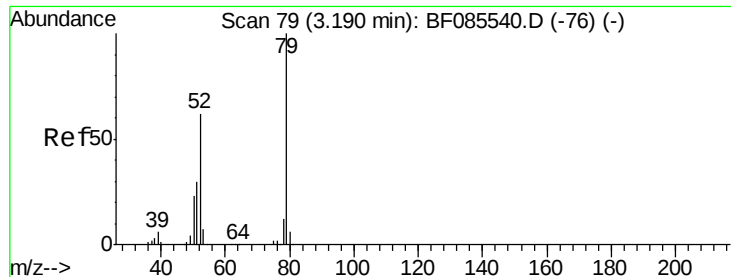
Delta R.T. 0.05 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	88	Resp:	153594
Ion Ratio	Lower	Upper	
88	100		
58	67.0	54.2	81.2
43	23.9	19.3	28.9





#3

Pyridine

Concen: 38.29 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

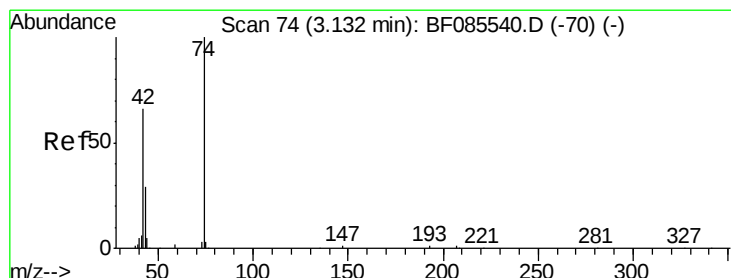
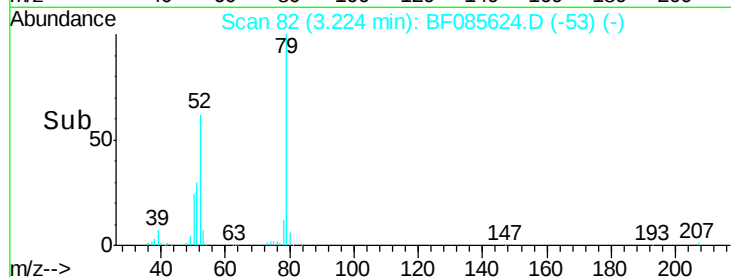
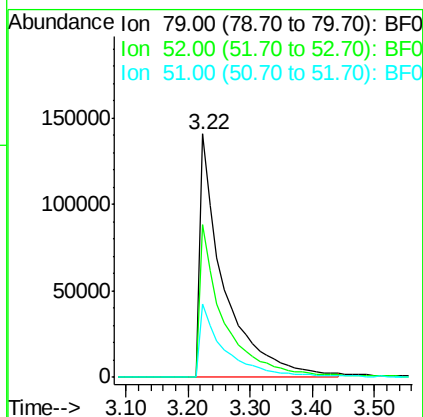
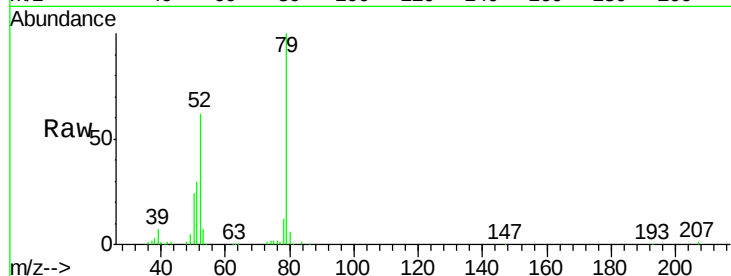
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	79	Resp:	378604
Ion Ratio	Lower	Upper	
79	100		
52	62.5	49.8	74.6
51	30.4	24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.15 ng

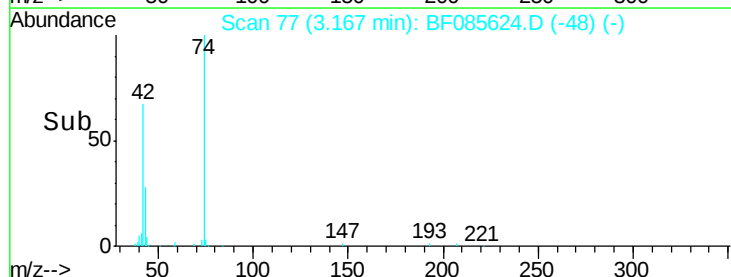
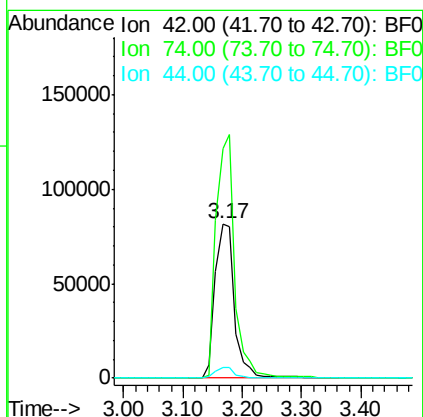
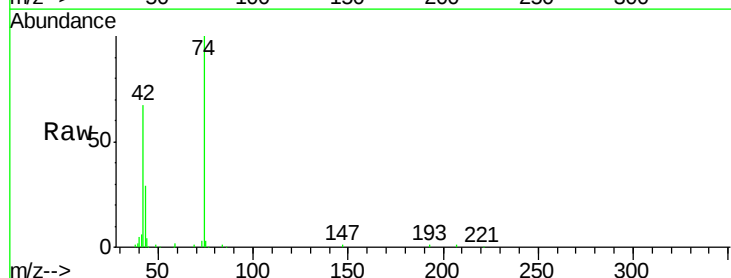
RT: 3.17 min Scan# 77

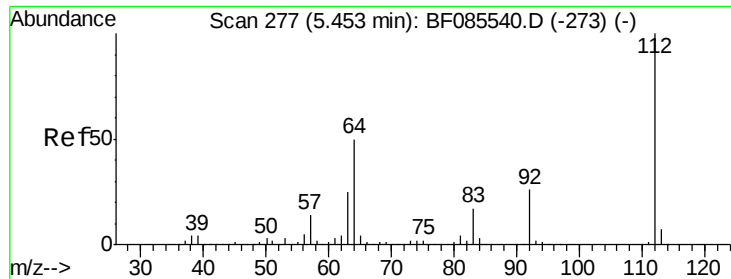
Delta R.T. 0.03 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	42	Resp:	186382
Ion Ratio	Lower	Upper	
42	100		
74	149.2	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 122.92 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion: 112 Resp: 1018306

Ion Ratio Lower Upper

112 100

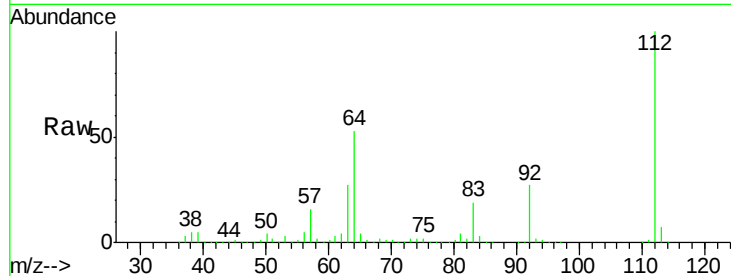
64 53.4 39.9 59.9

63 27.4 20.2 30.2

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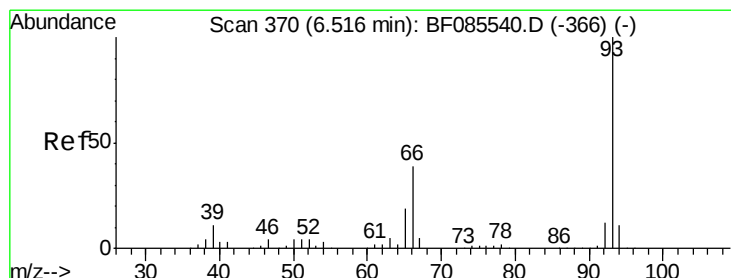
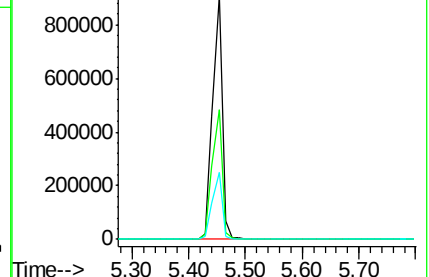
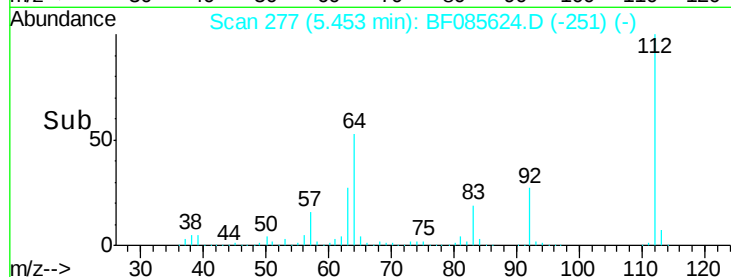
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Abundance Ion 112.00 (111.70 to 112.70): BF085540.D (-273) (-)

Ion 64.00 (63.70 to 64.70): BF085540.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BF085540.D (-273) (-)



#6

Aniline

Concen: 28.36 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

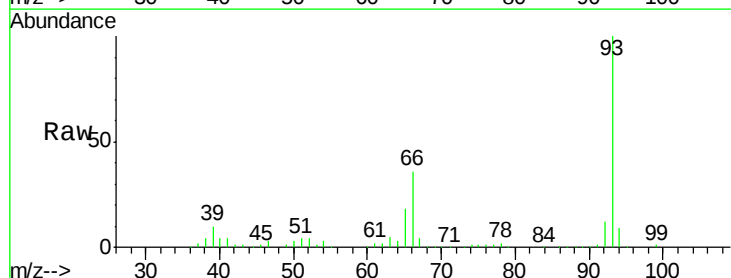
Tgt Ion: 93 Resp: 404768

Ion Ratio Lower Upper

93 100

66 35.9 31.4 47.2

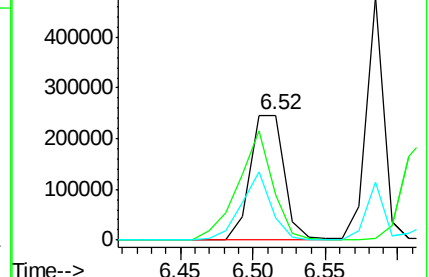
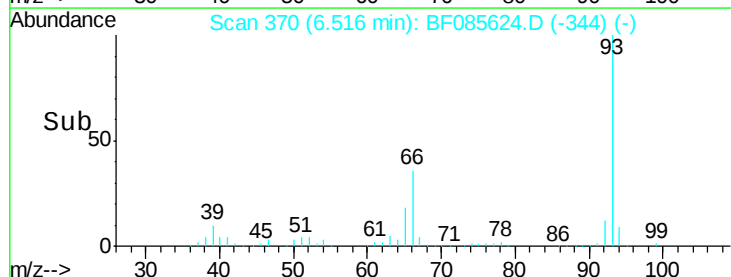
65 17.9 15.7 23.5



Abundance Ion 93.00 (92.70 to 93.70): BF085540.D (-366) (-)

Ion 66.00 (65.70 to 66.70): BF085540.D (-366) (-)

Ion 65.00 (64.70 to 65.70): BF085540.D (-366) (-)





#7

Phenol-d6

Concen: 133.52 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

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BNA_F

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SB-1(8-9)MS

Tgt Ion: 99 Resp: 1418728

Ion Ratio Lower Upper

99 100

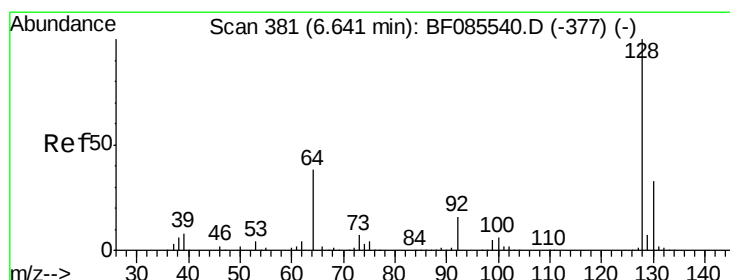
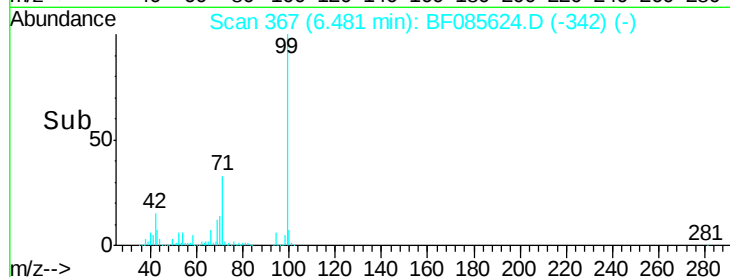
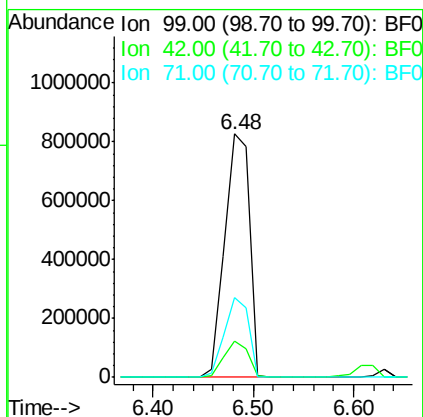
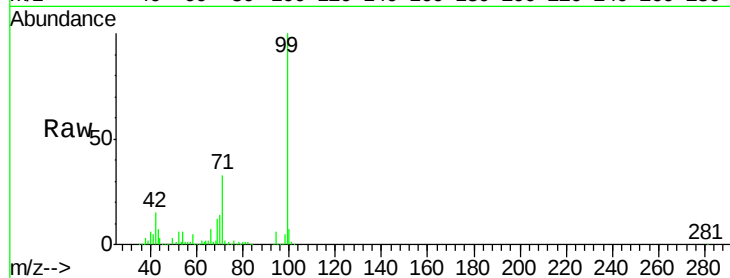
42 15.0 11.1 16.7

71 32.7 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.07 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

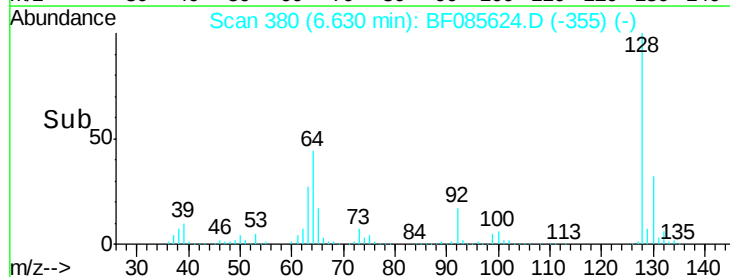
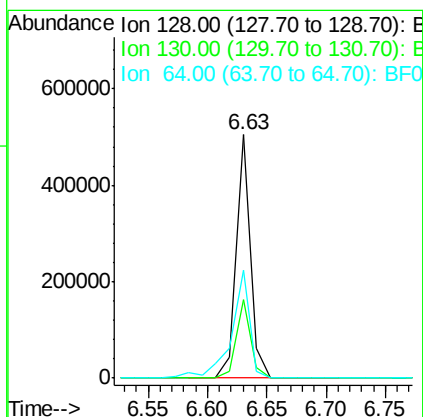
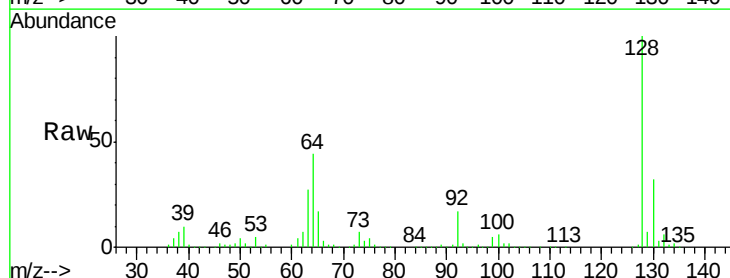
Tgt Ion: 128 Resp: 422342

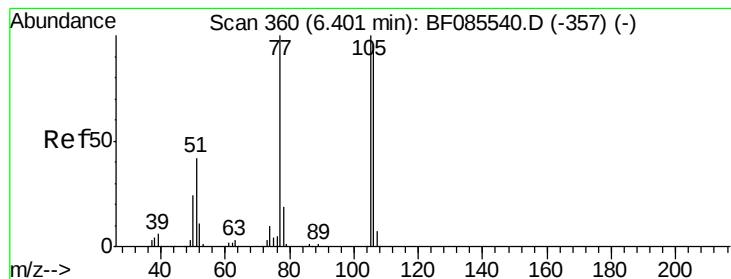
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 44.3 20.2 60.2





#9

Benzaldehyde

Concen: 14.91 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

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BNA_F

ClientSampleId :

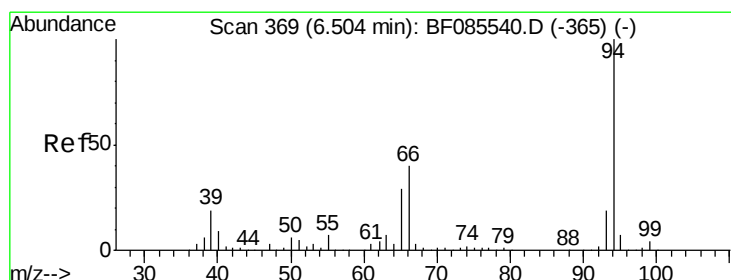
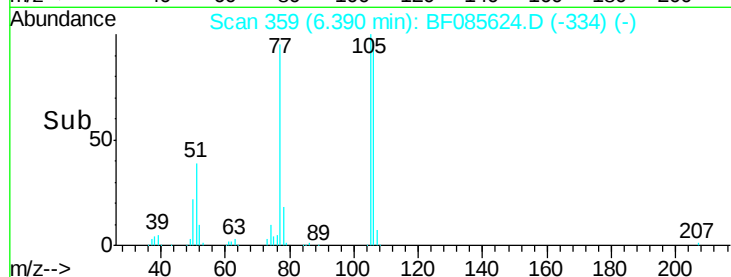
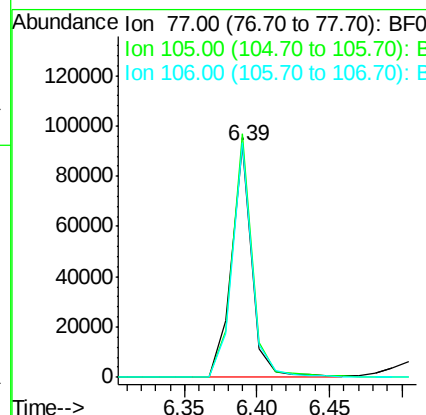
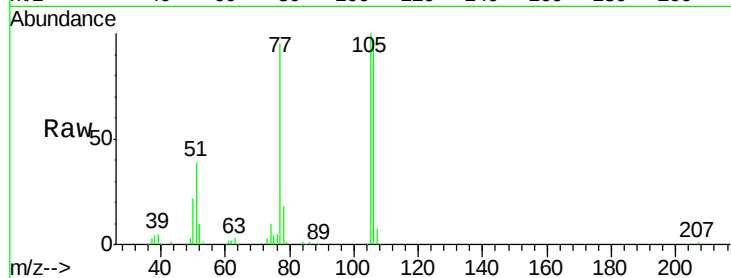
SB-1(8-9)MS

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.0	80.1	120.1
106	101.4	75.0	115.0



#10

Phenol

Concen: 41.88 ng

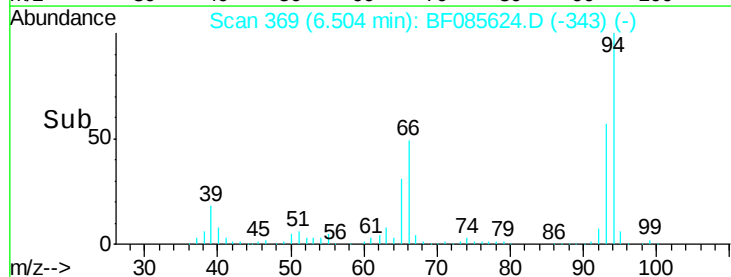
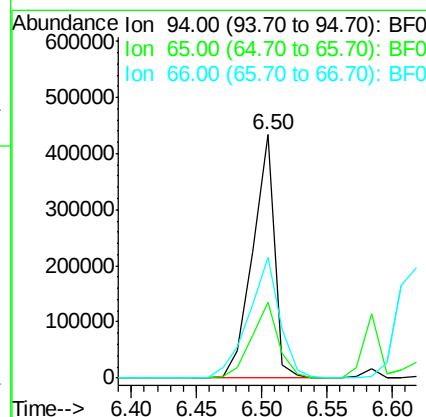
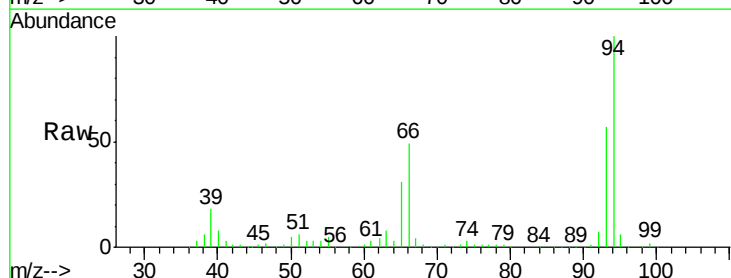
RT: 6.50 min Scan# 369

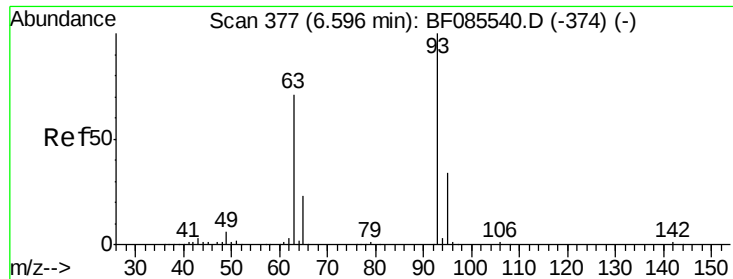
Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	8.6	48.6
66	49.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 43.23 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

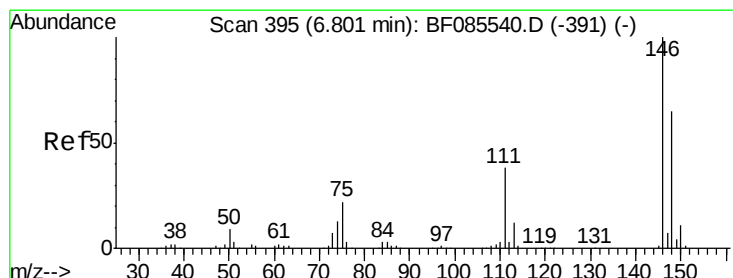
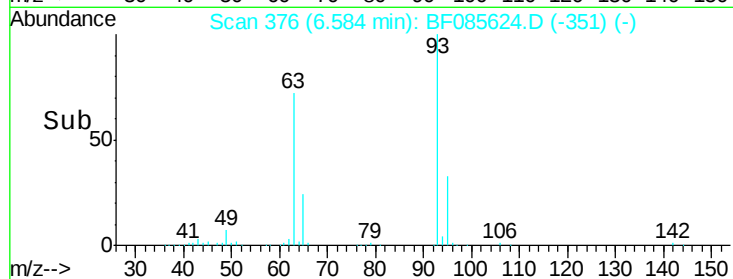
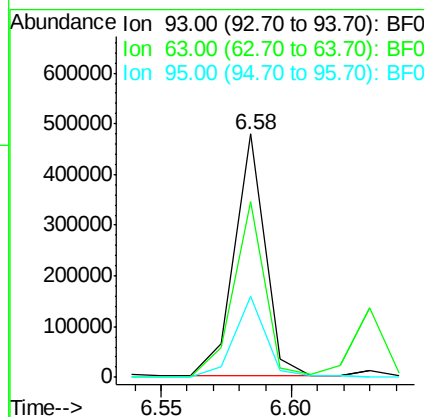
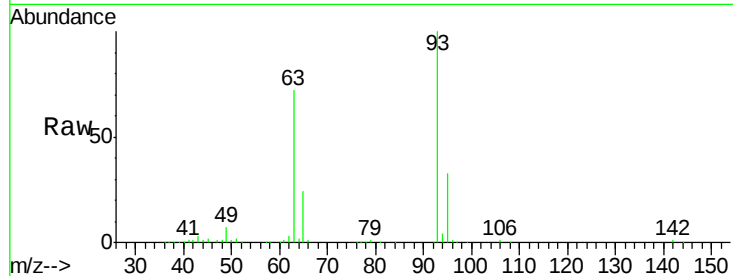
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	93	Resp:	394413
Ion Ratio	Lower	Upper	
93	100		
63	72.4	50.9	90.9
95	33.0	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.91 ng m

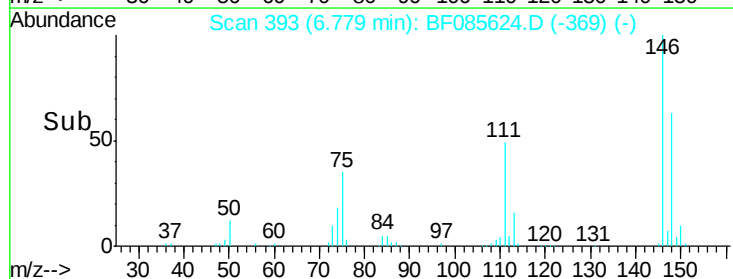
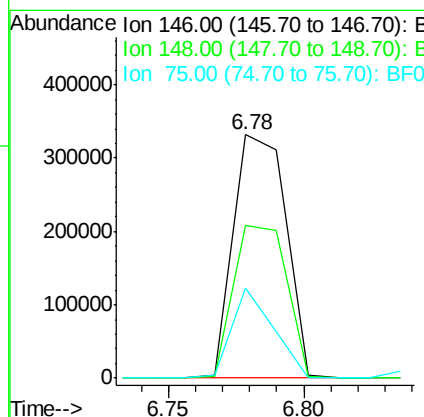
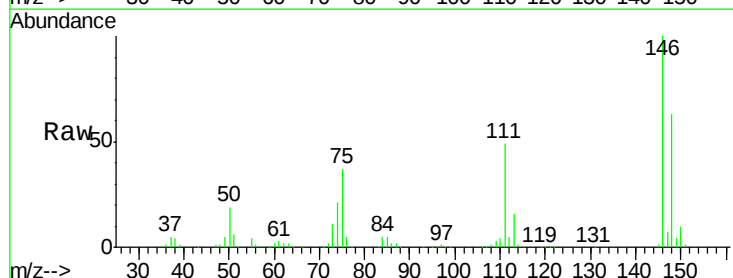
RT: 6.78 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	146	Resp:	448119
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.3	78.5
75	36.7	17.4	26.2#





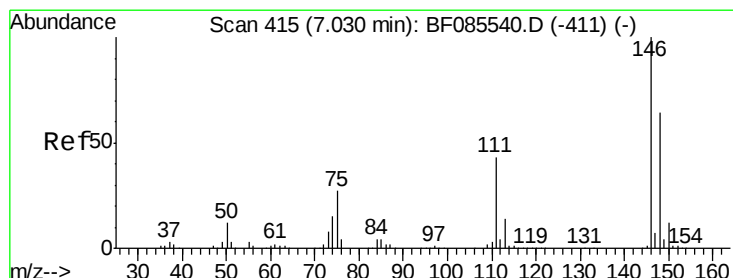
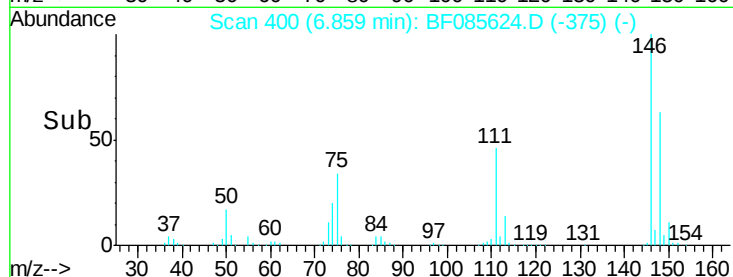
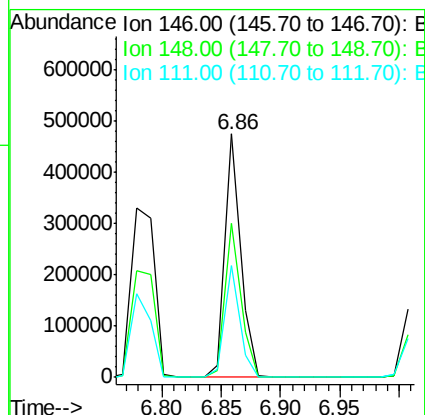
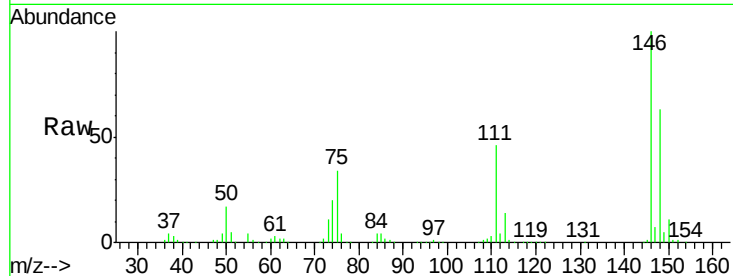
#13
 1,4-Dichlorobenzene
 Concen: 40.92 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	45.8	37.8	56.6

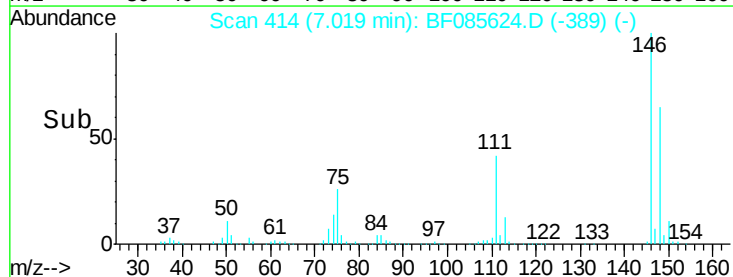
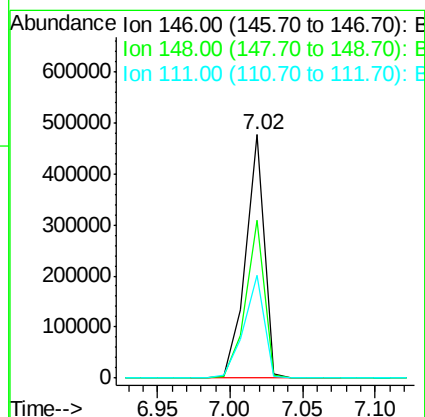
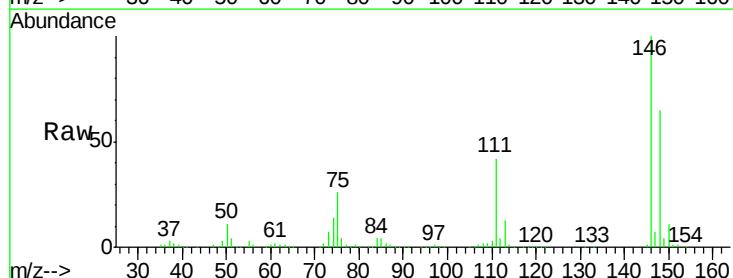
Manual Integrations
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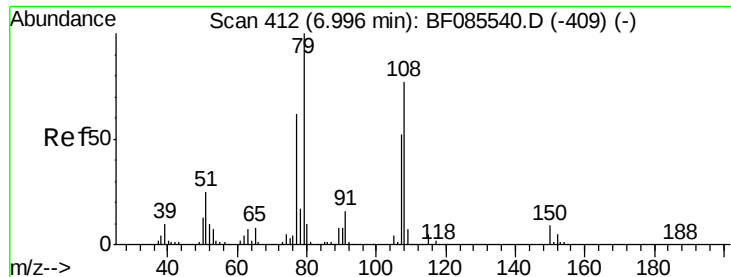
Sohil
 3/22/2016 5:33:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.05 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	42.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 48.40 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

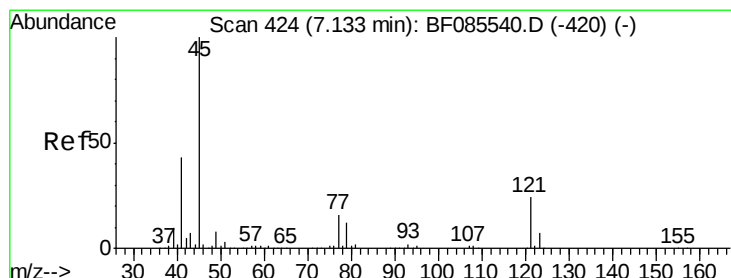
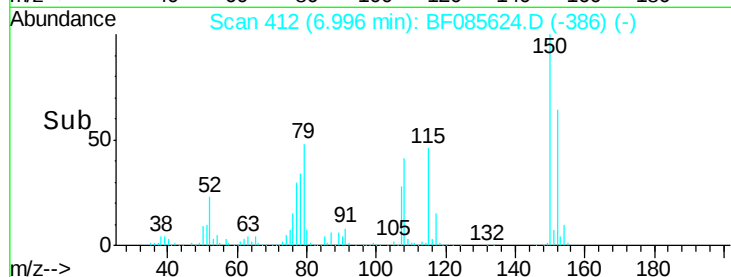
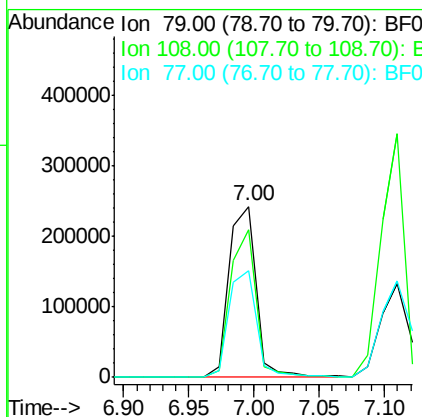
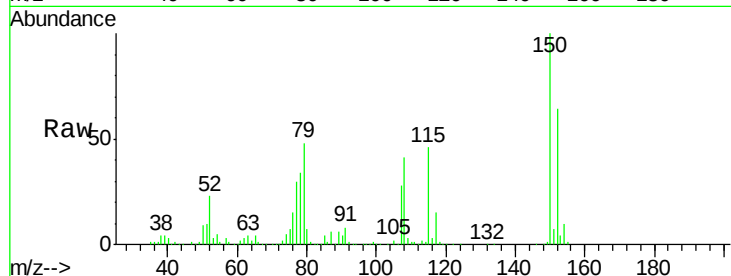
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	79	Resp:	352224
Ion Ratio	Lower	Upper	
79	100		
108	85.9	61.8	92.6
77	62.1	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.30 ng

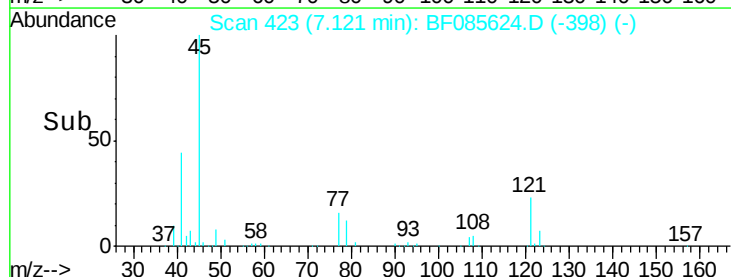
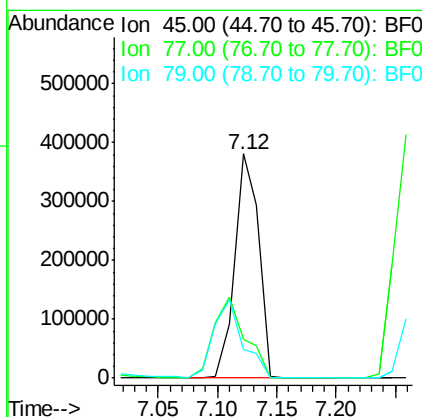
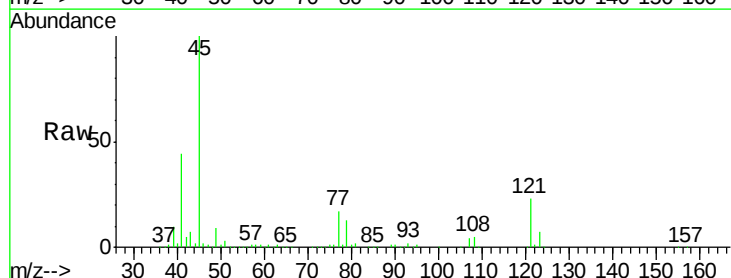
RT: 7.12 min Scan# 423

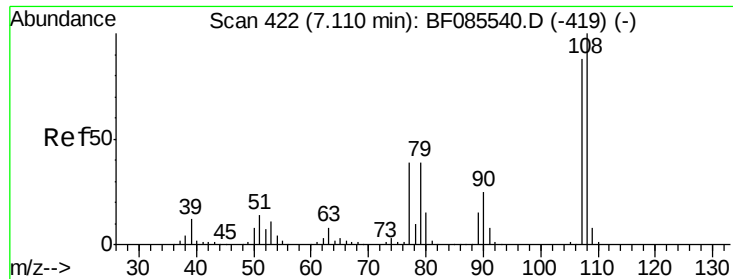
Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	45	Resp:	531512
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	35.7
79	13.0	0.0	32.2





#17

2-Methylphenol

Concen: 47.32 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

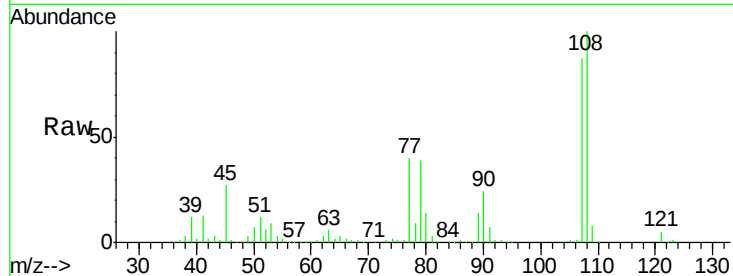
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	107	Resp:	375900
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.4	137.0
77	45.5	36.2	54.2
79	44.2	35.8	53.8

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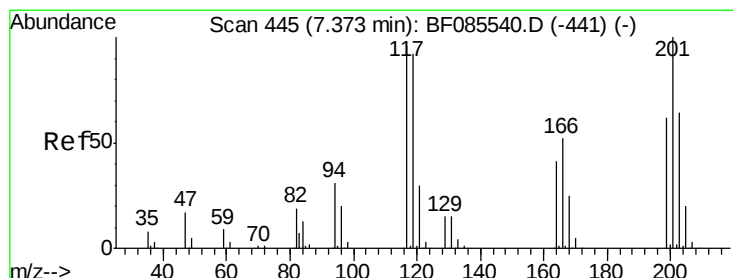
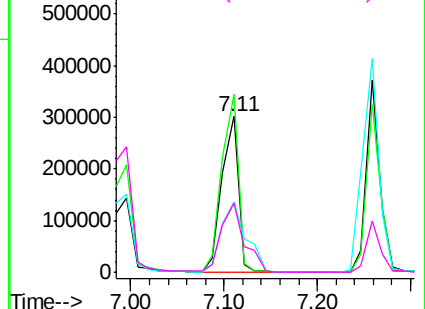
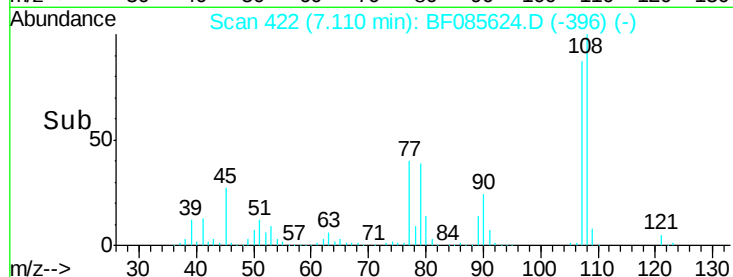
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.99 ng

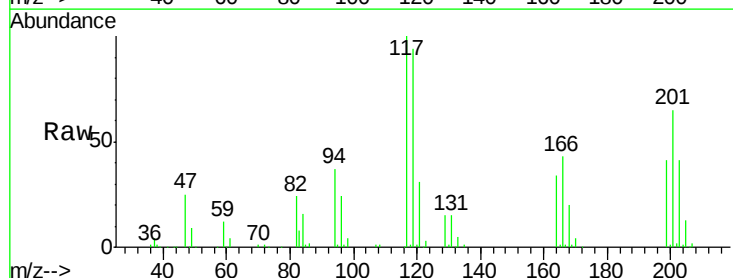
RT: 7.35 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	117	Resp:	173045
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.7	115.1
201	65.2	83.3	124.9#

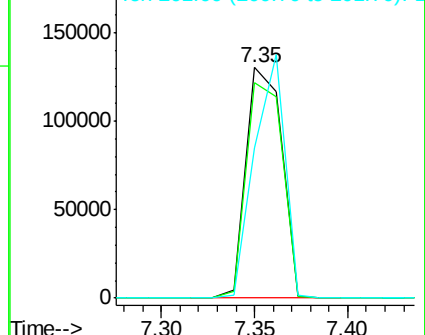
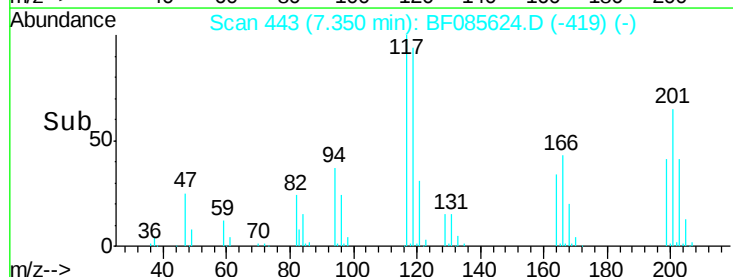


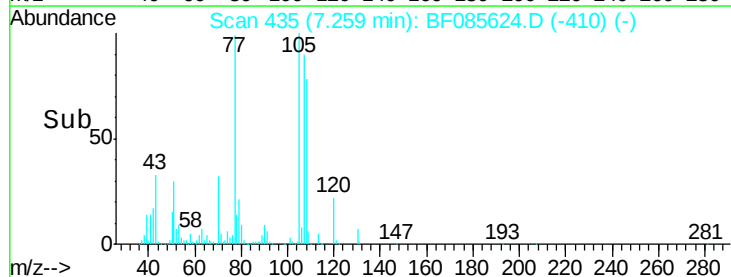
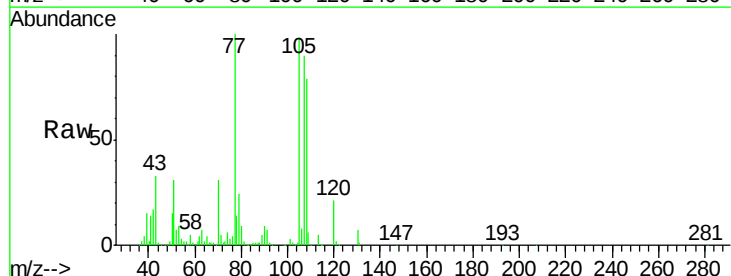
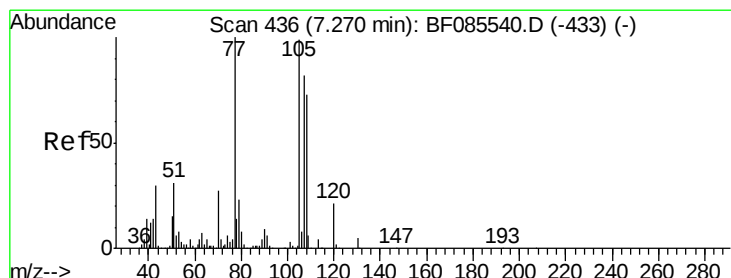
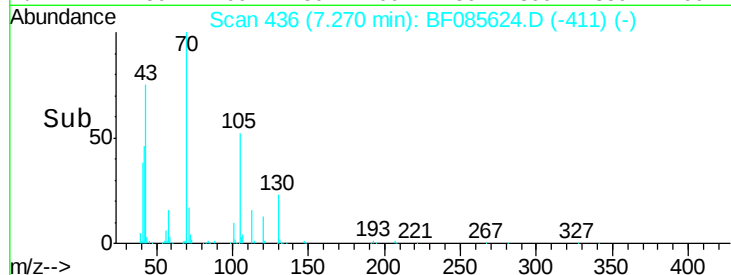
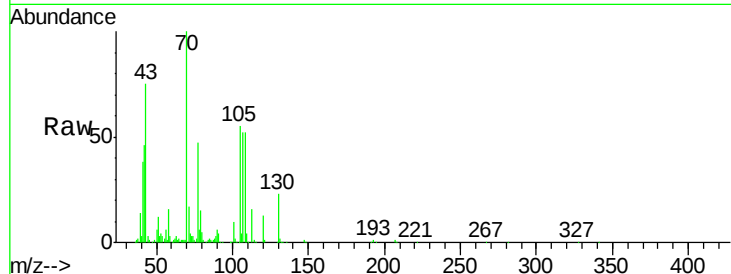
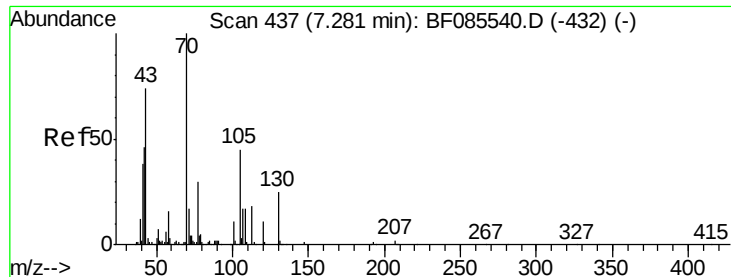
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





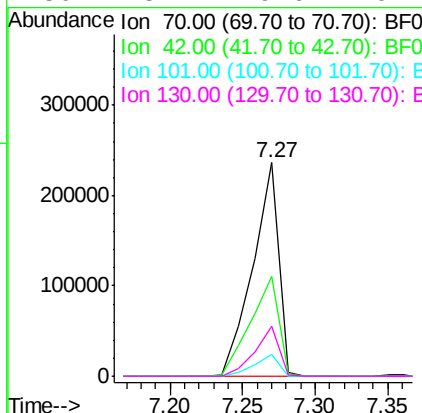
#19
n-Nitroso-di-n-propylamine
Concen: 46.25 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293541		
42	46.5	37.1	55.7		
101	10.4	8.6	12.8		
130	23.2	19.6	29.4		

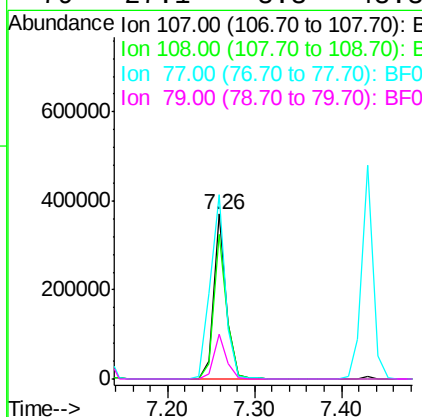
Manual Integrations
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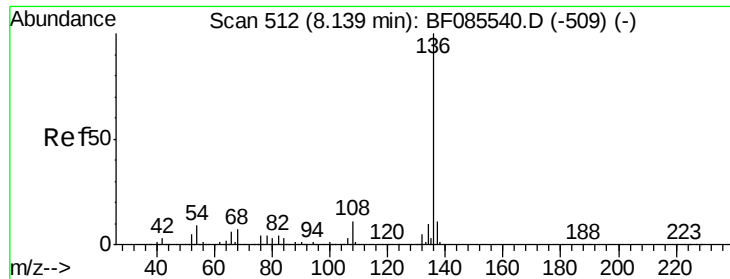
Sohil
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#20
3+4-Methylphenols
Concen: 41.40 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		380981		
108	87.8	69.3	109.3		
77	111.6	101.7	141.7		
79	27.1	8.3	48.3		





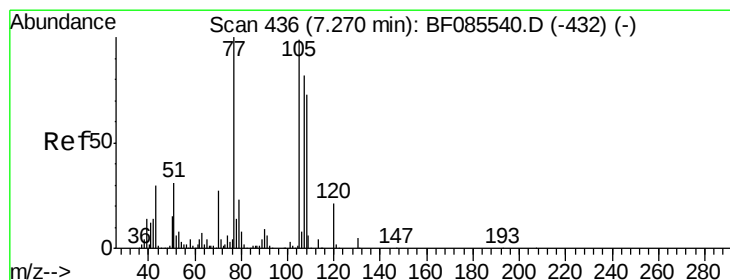
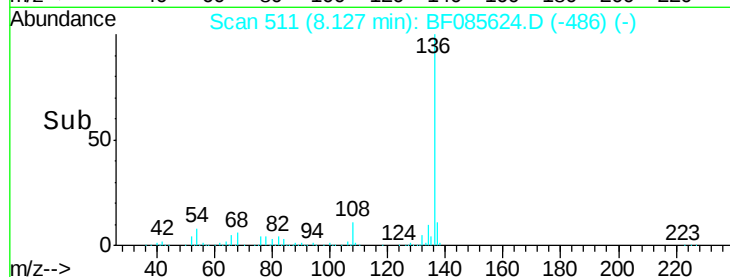
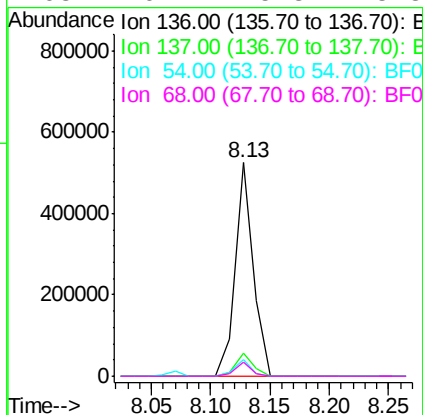
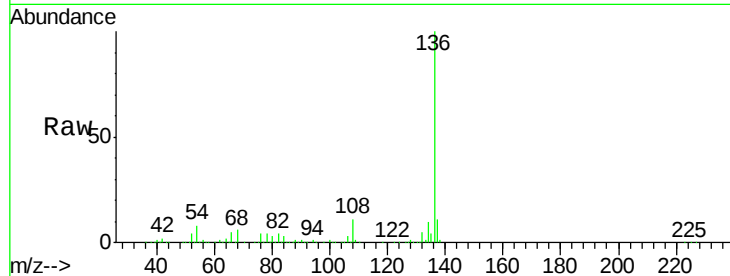
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	552231		
137	11.0	9.1	13.7	
54	8.0	7.4	11.0	
68	6.4	5.8	8.8	

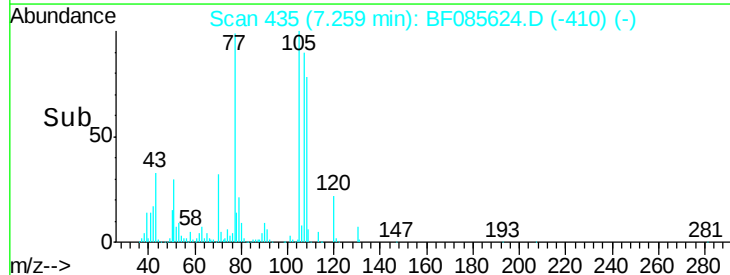
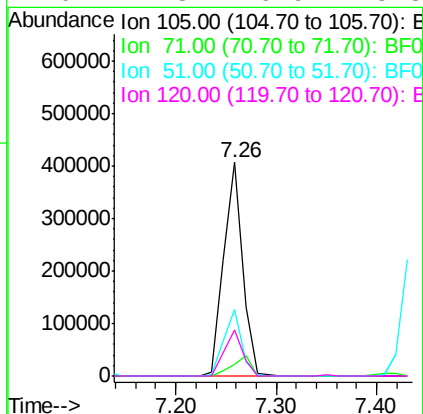
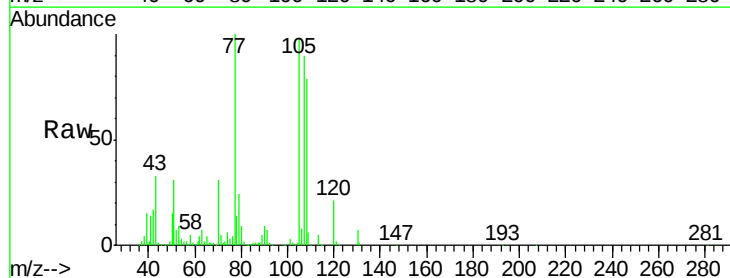
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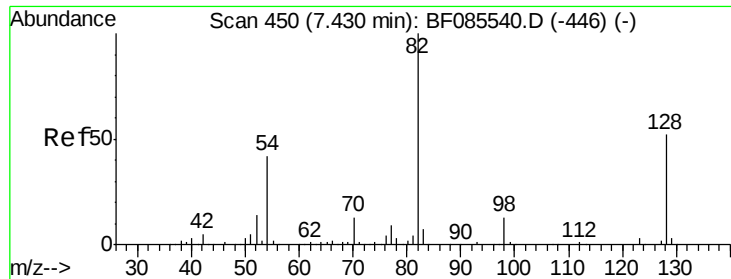
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#22
Acetophenone
Concen: 40.39 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529325		
71	5.6	3.6	5.4#	
51	31.2	25.4	38.0	
120	21.8	16.9	25.3	





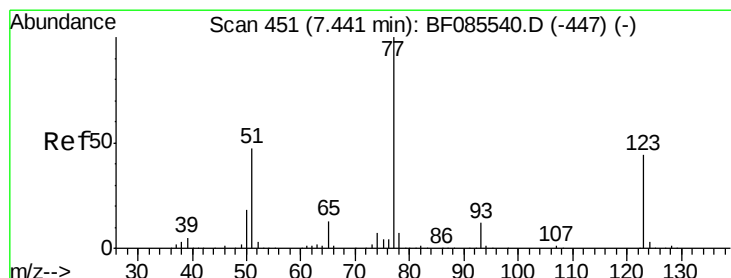
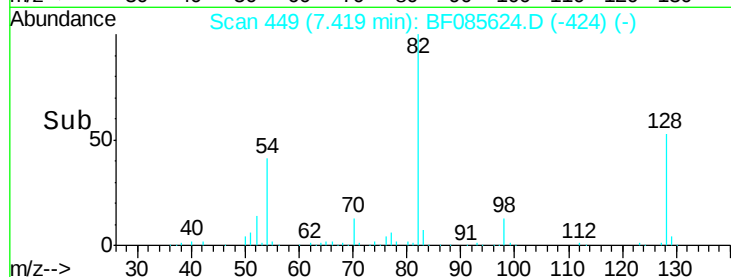
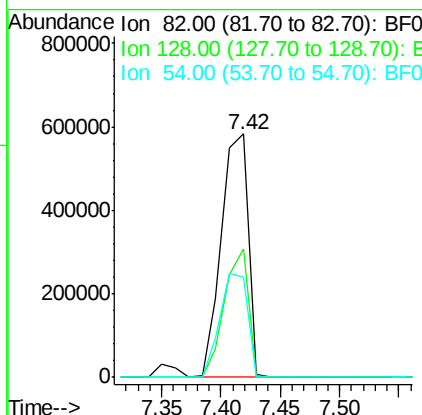
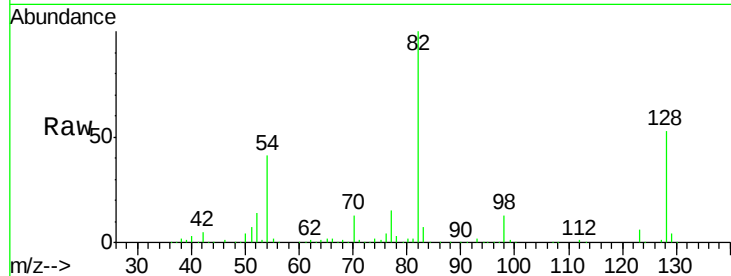
#23
 Nitrobenzene-d5
 Concen: 96.04 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	913646		
128	52.9	41.8	62.8	
54	41.3	33.4	50.0	

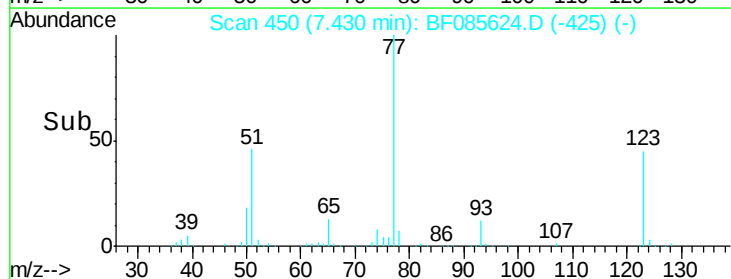
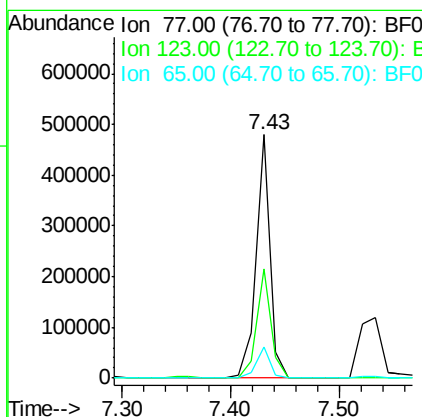
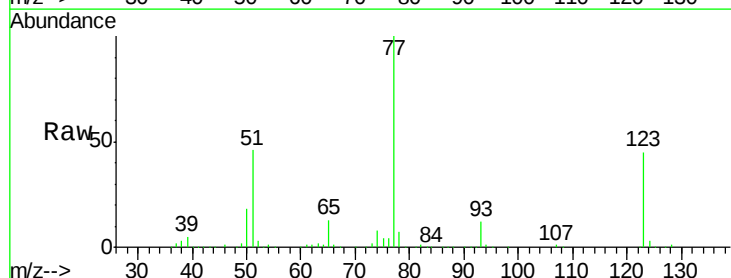
Manual Integrations
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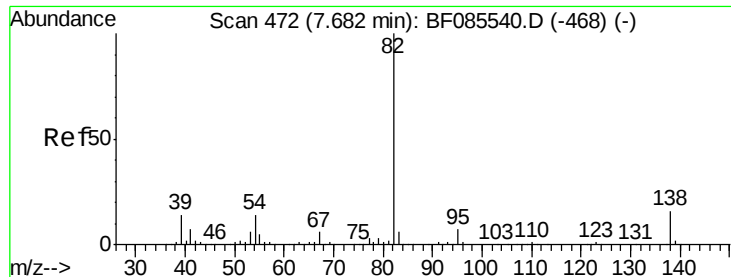
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#24
 Nitrobenzene
 Concen: 41.34 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	430493		
123	44.8	35.0	52.4	
65	12.9	10.6	16.0	





#25

Isophorone

Concen: 44.29 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

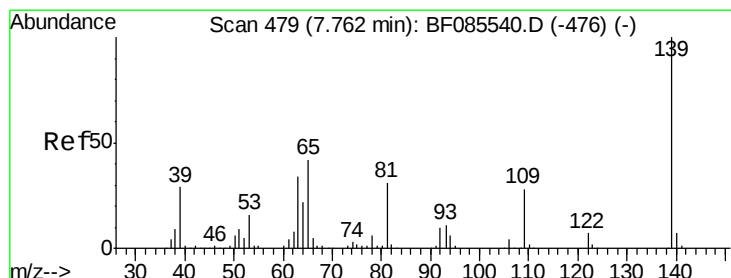
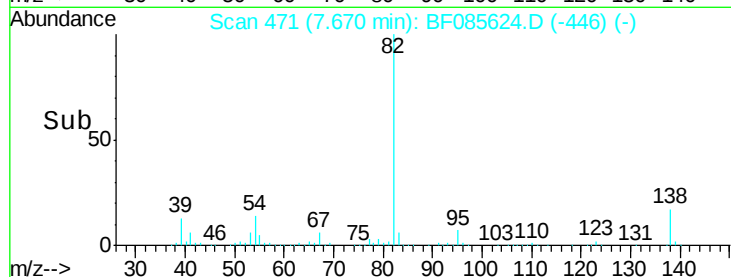
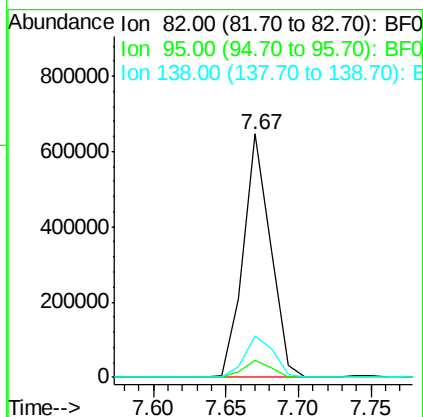
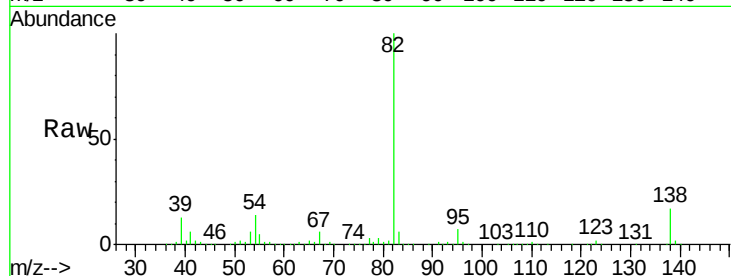
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	82	Resp:	843548
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	16.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.17 ng

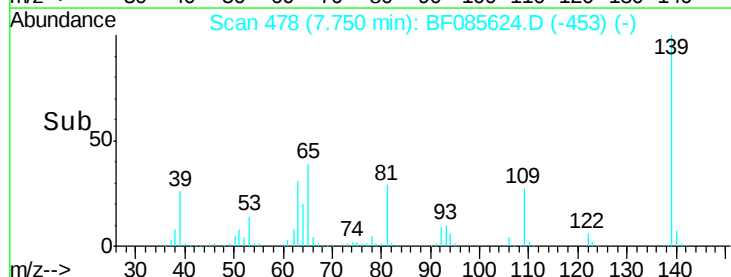
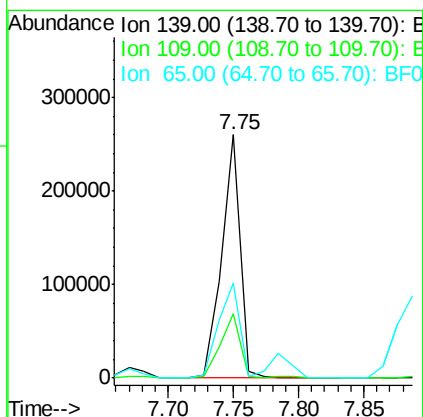
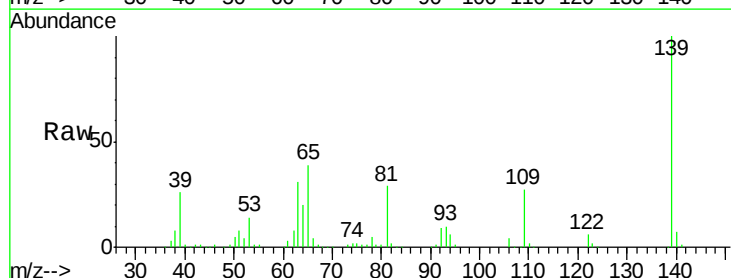
RT: 7.75 min Scan# 478

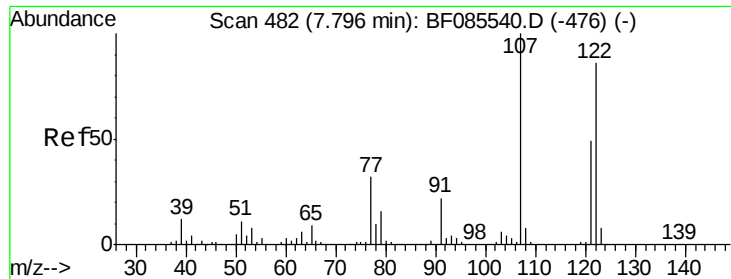
Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	139	Resp:	258212
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.1	33.1
65	38.9	33.9	50.9





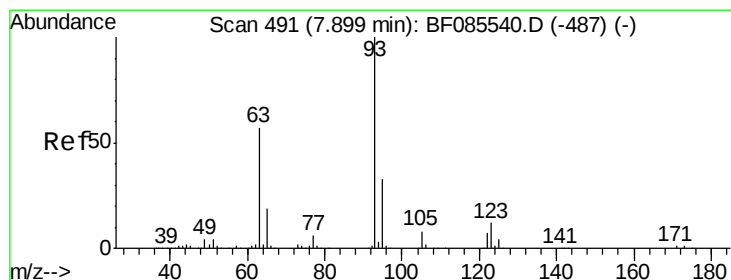
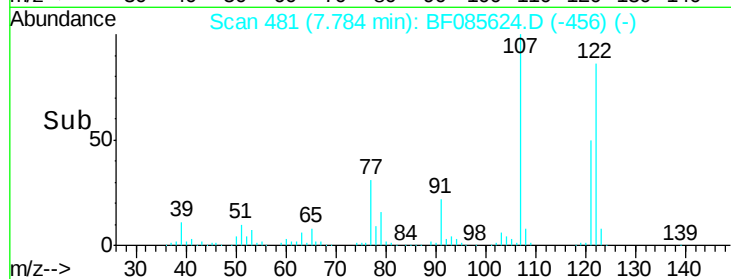
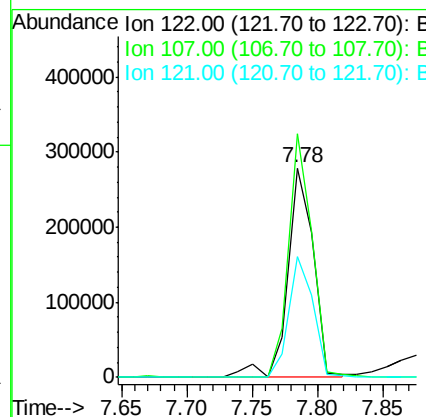
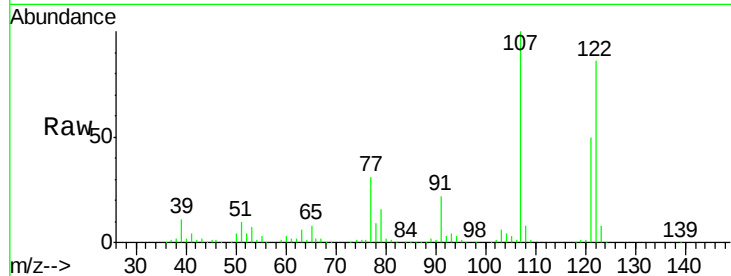
#27
 2,4-Dimethylphenol
 Concen: 42.15 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	383654		
107	116.3	93.0	139.6	
121	57.9	45.9	68.9	

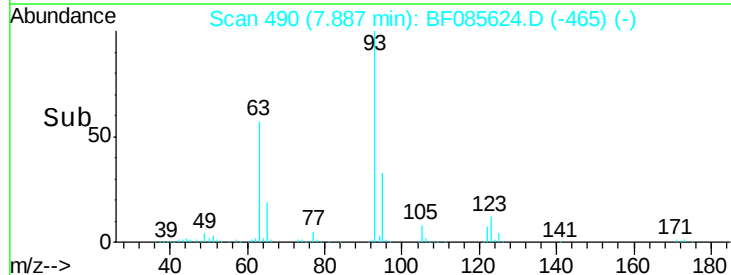
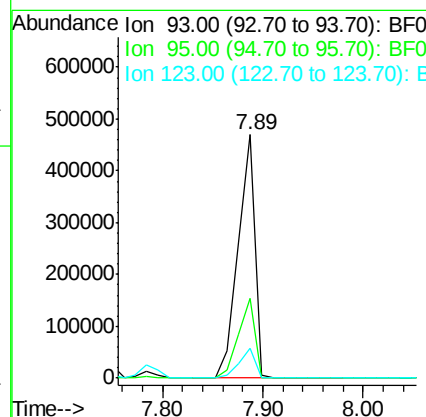
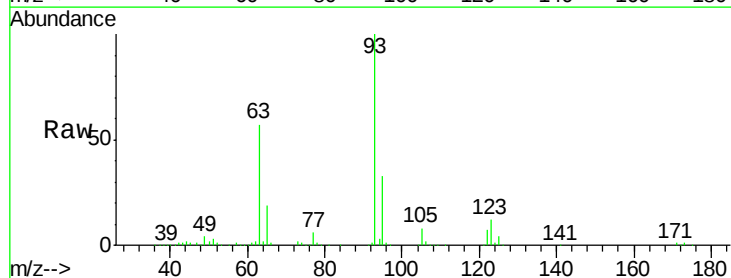
Manual Integrations
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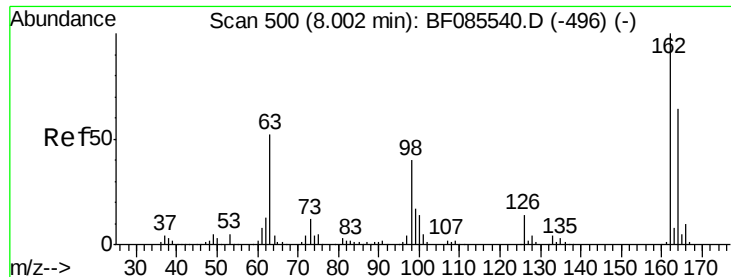
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.27 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	544600		
95	33.0	26.4	39.6	
123	12.1	9.8	14.6	





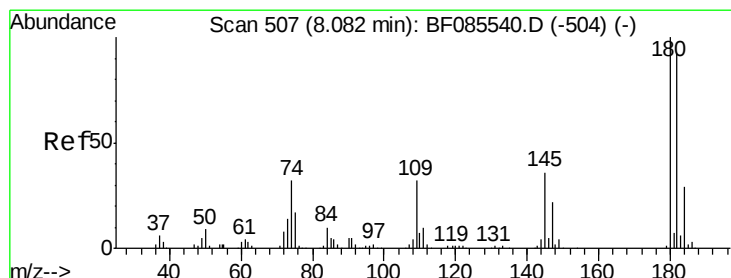
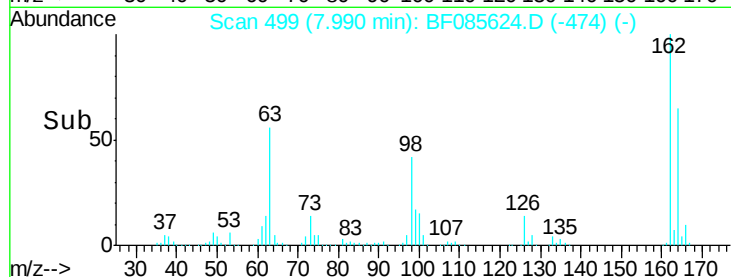
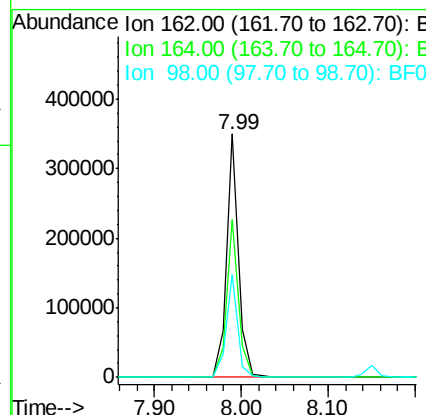
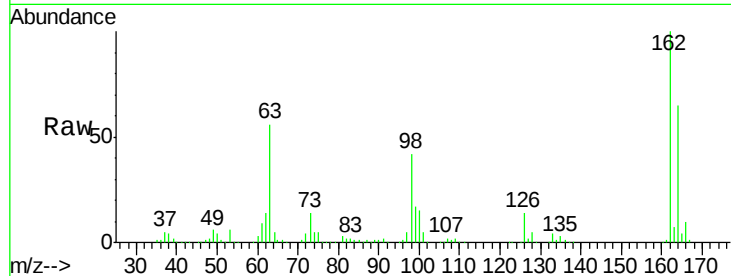
#29
2,4-Dichlorophenol
Concen: 45.35 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	43.7	83.7
98	42.2	20.4	60.4

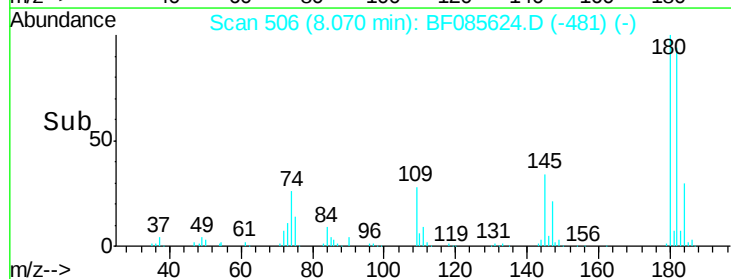
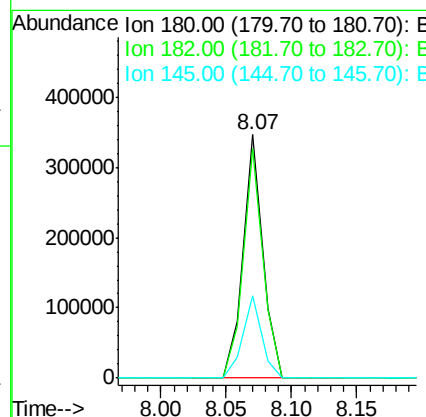
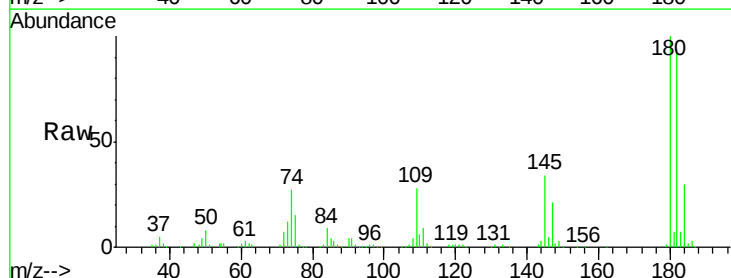
Manual Integrations
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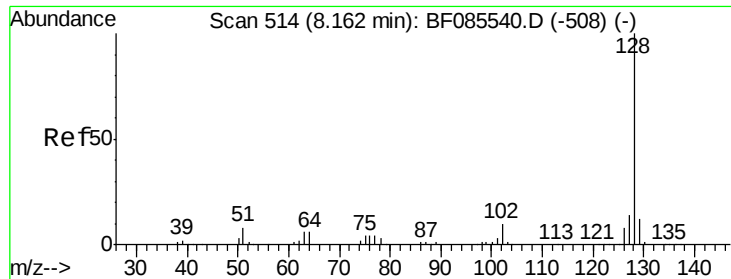
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#30
1,2,4-Trichlorobenzene
Concen: 43.02 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	73.8	110.8
145	33.9	28.4	42.6





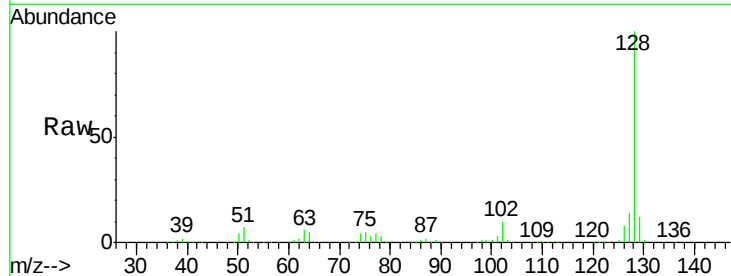
#31
Naphthalene
Concen: 41.38 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

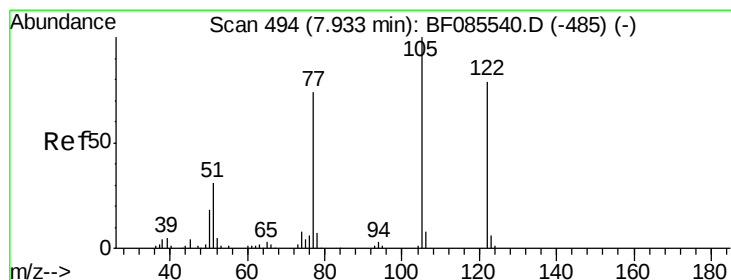
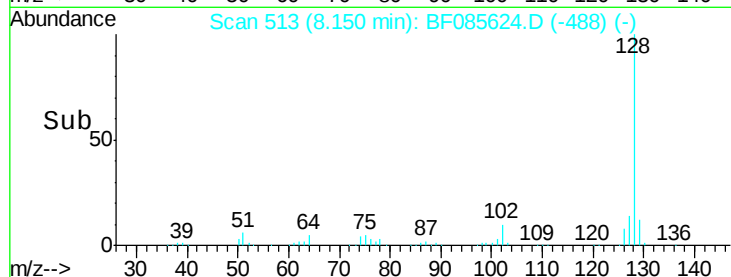
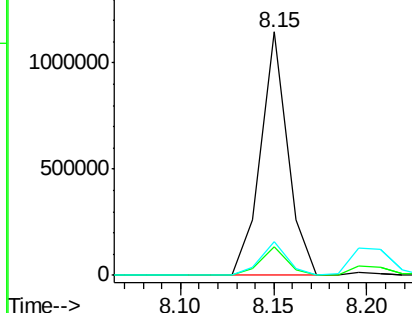
Tgt Ion:128 Resp: 1153403
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.0 11.0 16.6

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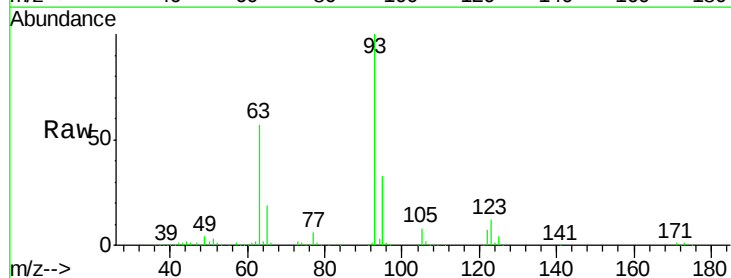


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

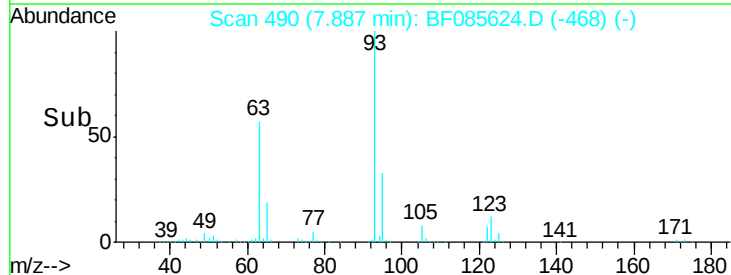
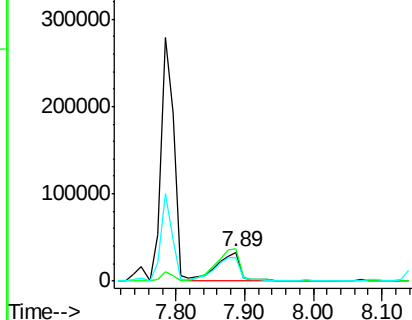


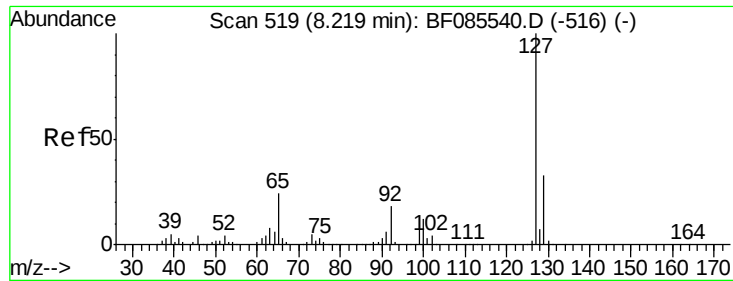
#32
Benzoic acid
Concen: 10.66 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:122 Resp: 81090
Ion Ratio Lower Upper
122 100
105 115.5 102.9 142.9
77 79.9 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





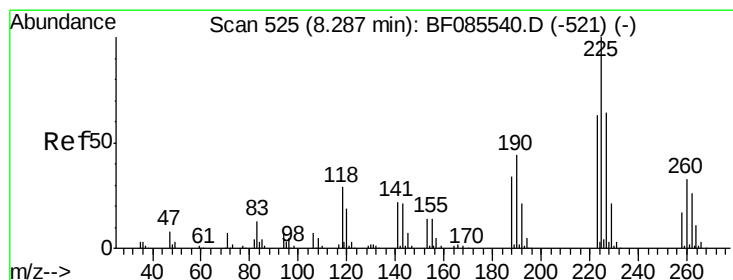
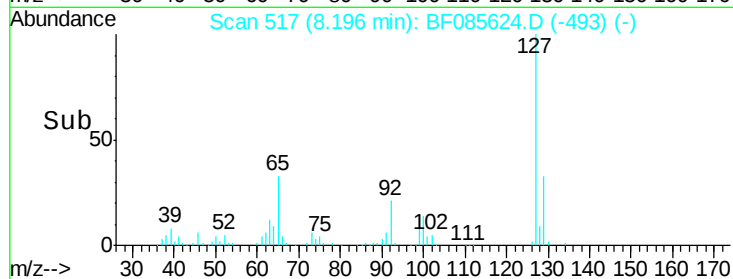
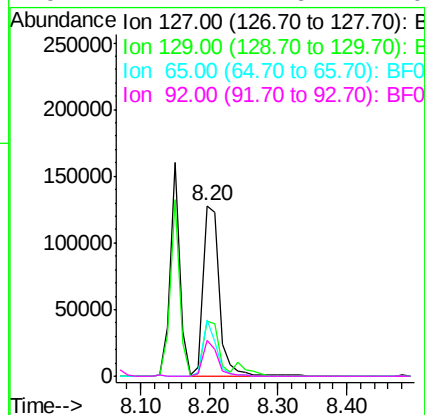
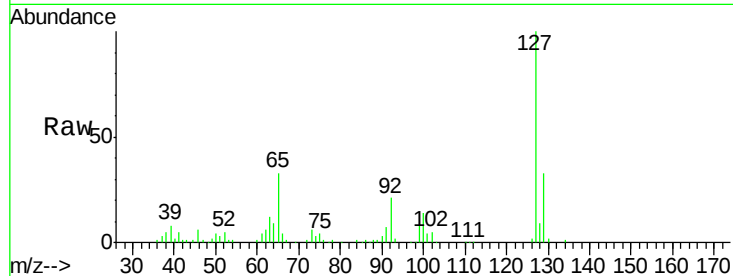
#33
4-Chloroaniline
Concen: 18.28 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.1	39.1
65	33.0	19.5	29.3
92	21.4	14.6	22.0

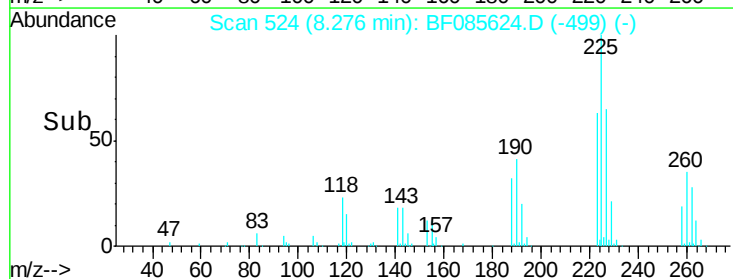
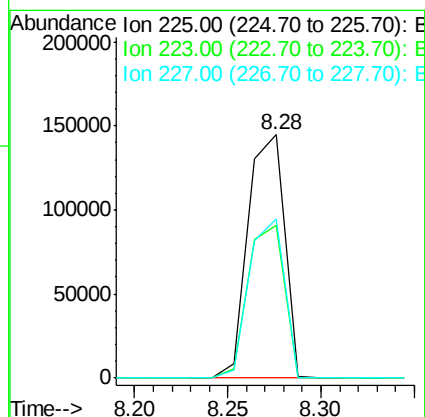
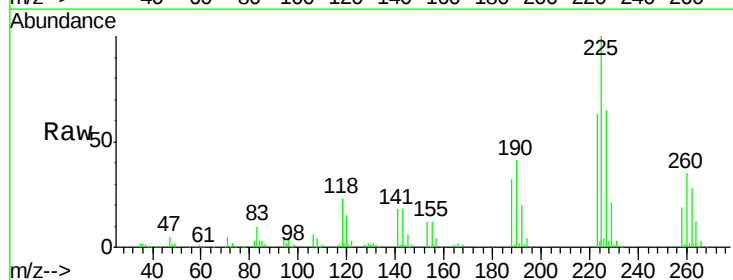
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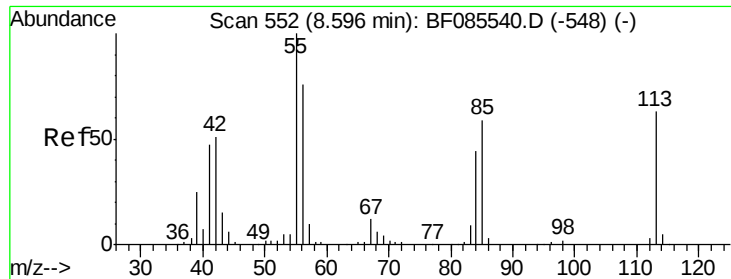
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#34
Hexachlorobutadiene
Concen: 43.50 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	50.4	75.6
227	65.1	51.4	77.2





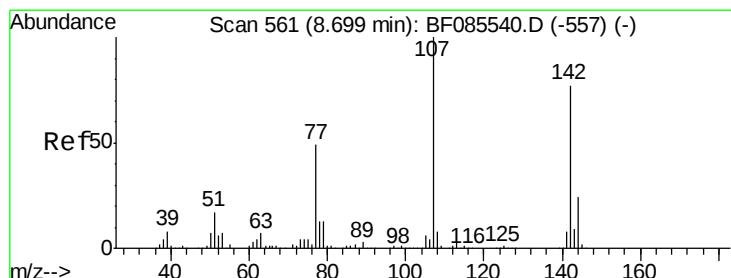
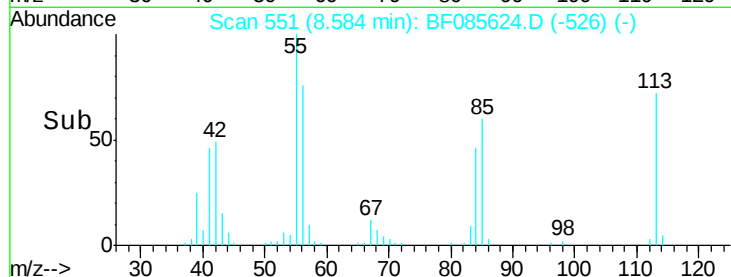
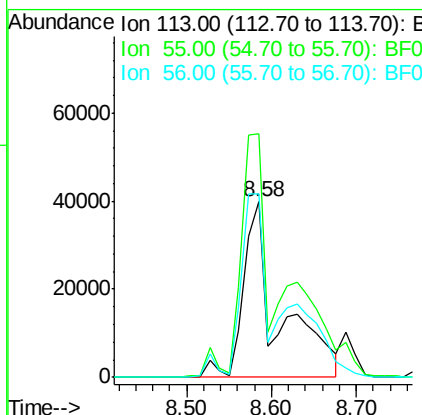
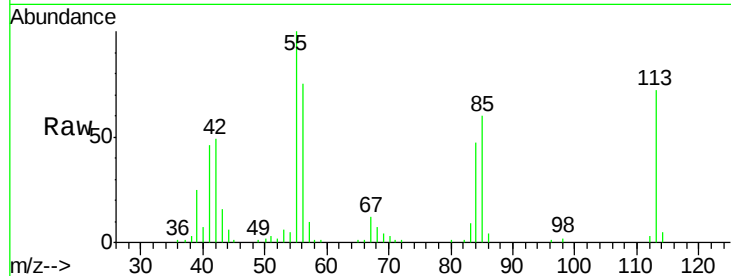
#35
 Caprolactam
 Concen: 44.47 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115013		
55	139.0	139.4	179.4#	
56	104.7	100.4	140.4	

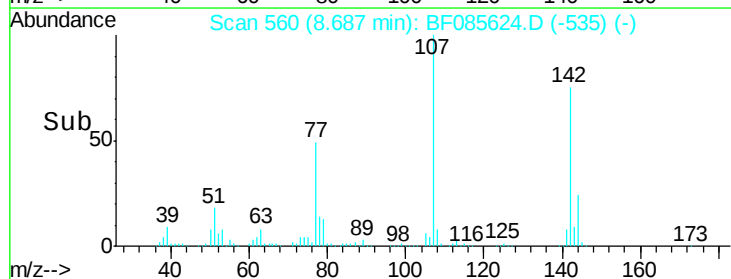
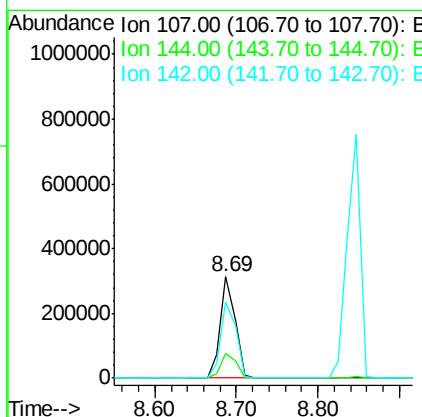
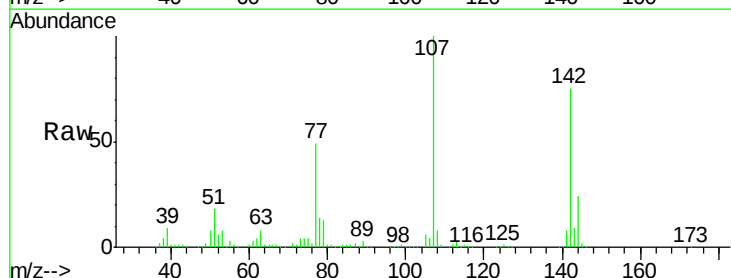
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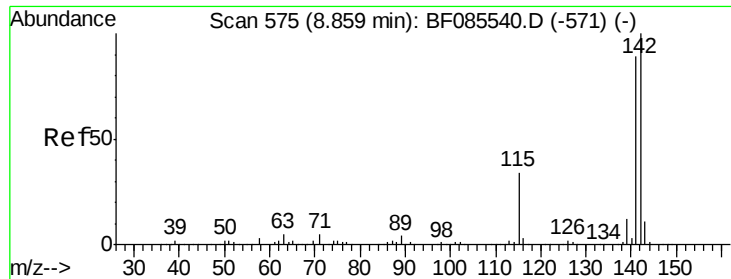
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#36
 4-Chloro-3-methylphenol
 Concen: 44.85 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	393715		
144	24.1	19.3	28.9	
142	75.3	61.4	92.0	





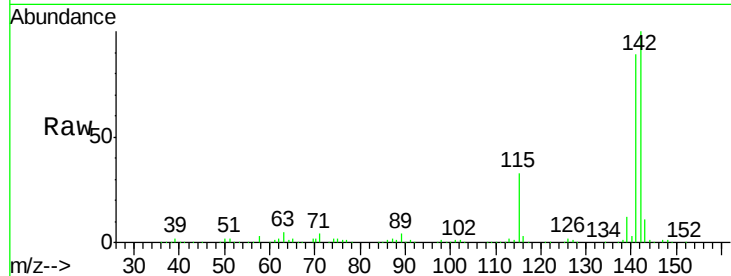
#37
2-Methylnaphthalene
Concen: 50.34 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

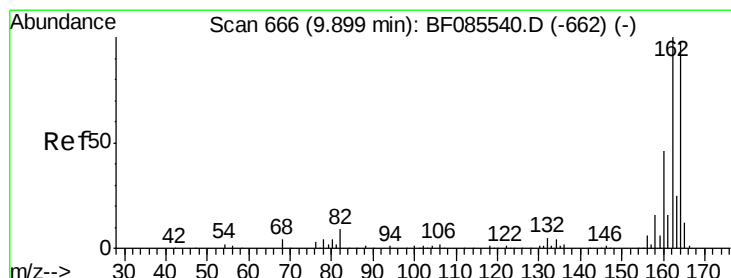
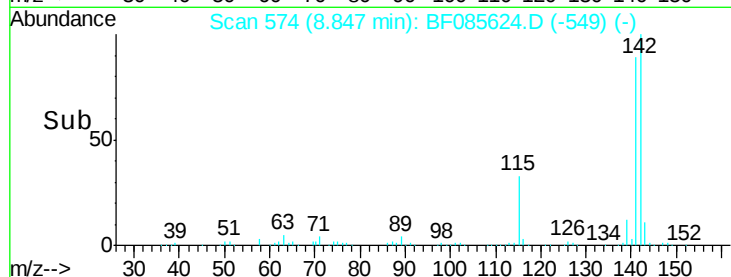
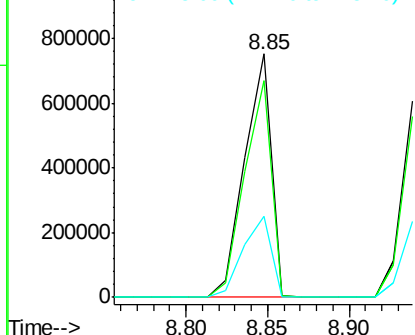
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	33.3	26.8	40.2

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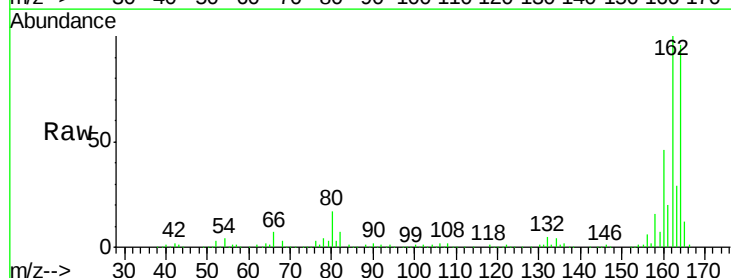


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

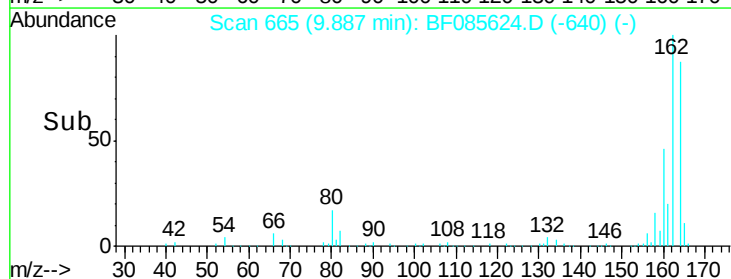
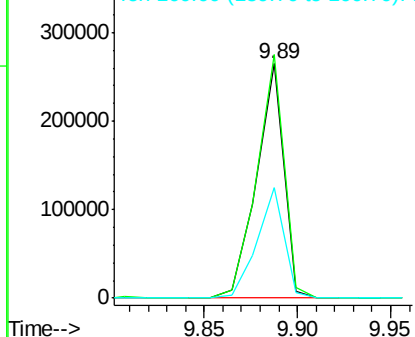


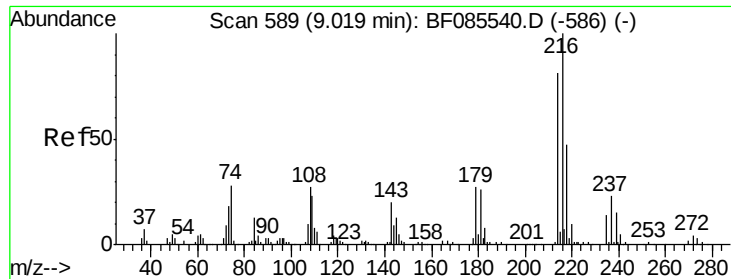
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	47.4	37.4	56.2



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





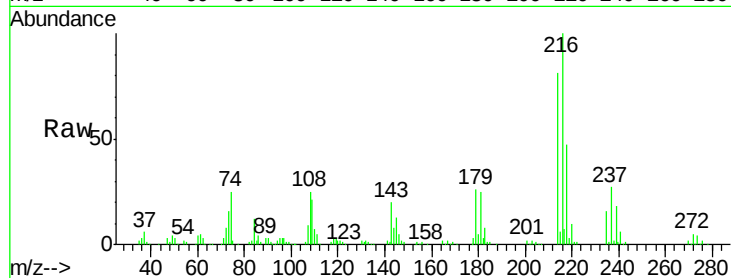
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.86 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

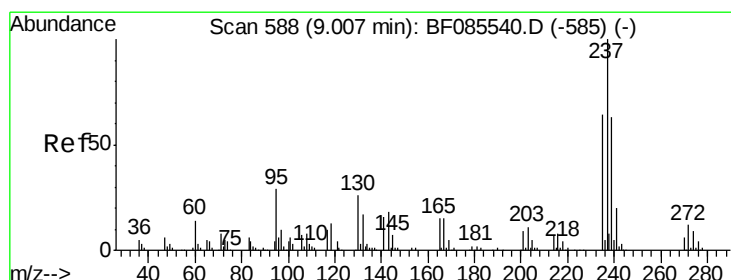
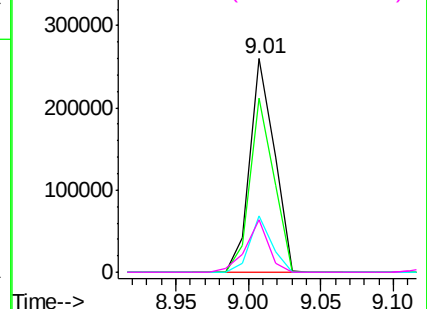
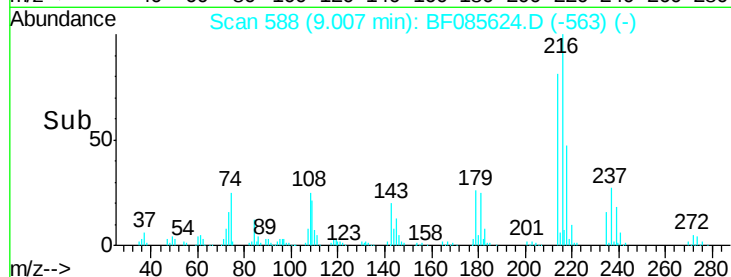
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.1	94.7
179	23.5	18.2	27.2
108	23.4	17.3	25.9

Manual Integrations
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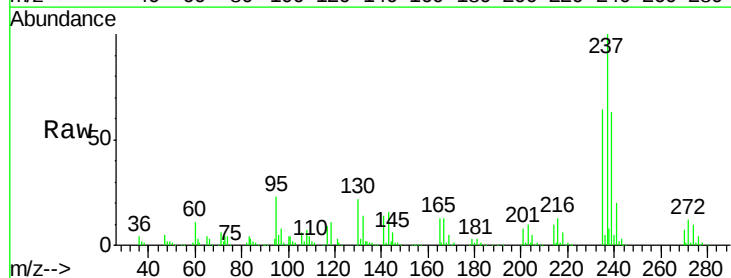


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

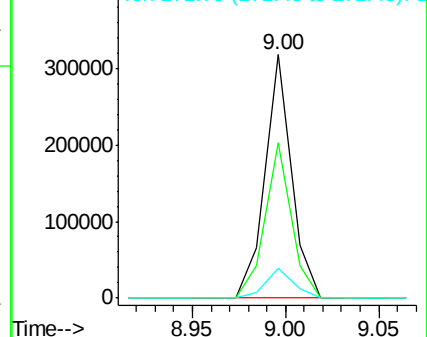
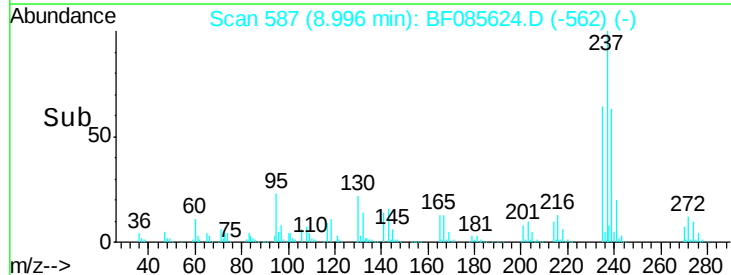


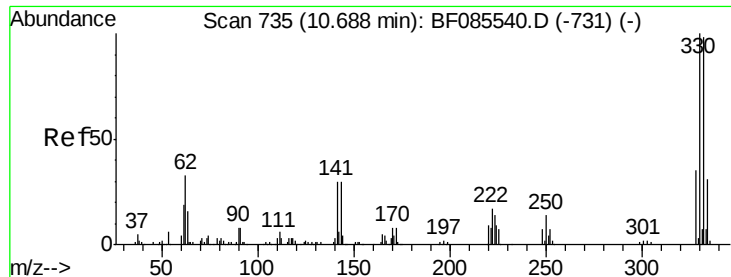
#40
 Hexachlorocyclopentadiene
 Concen: 85.64 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	43.7	83.7
272	12.4	0.0	31.9



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





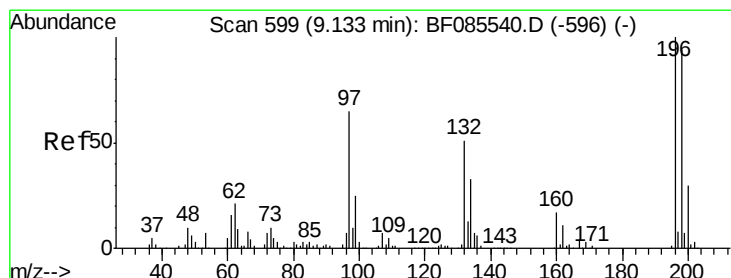
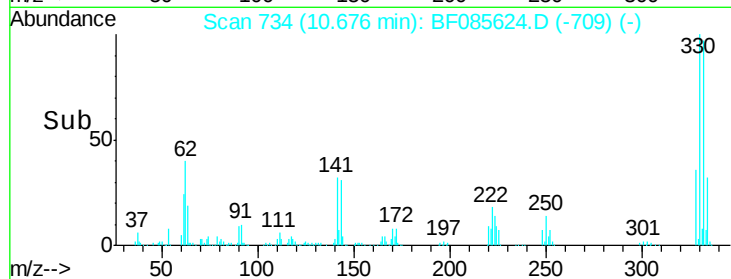
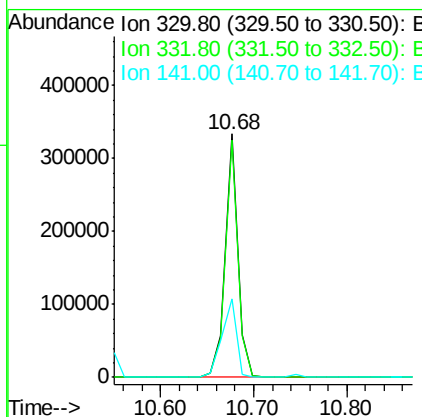
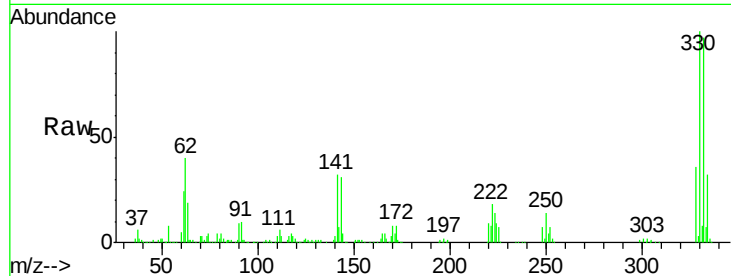
#41
 2,4,6-Tribromophenol
 Concen: 121.36 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	315975		
332	97.2	78.2	117.2	
141	37.0	31.5	47.3	

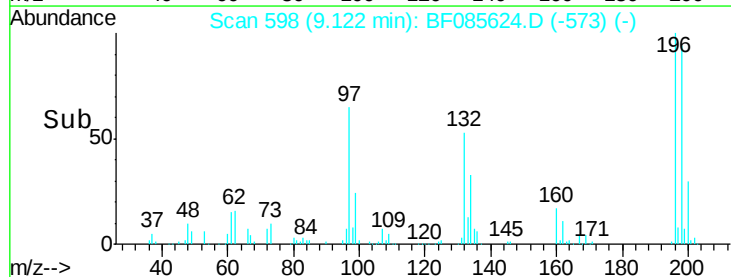
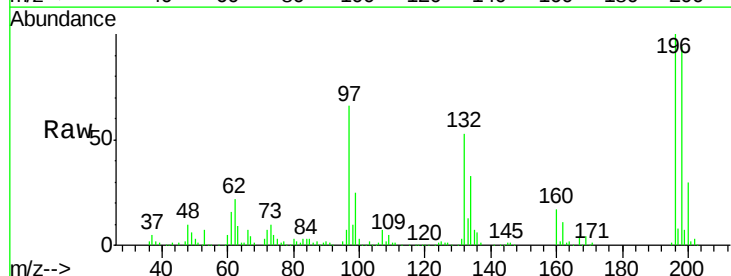
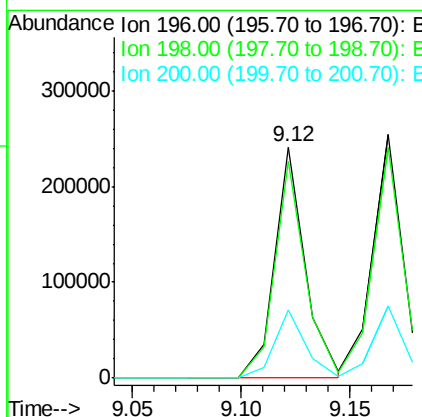
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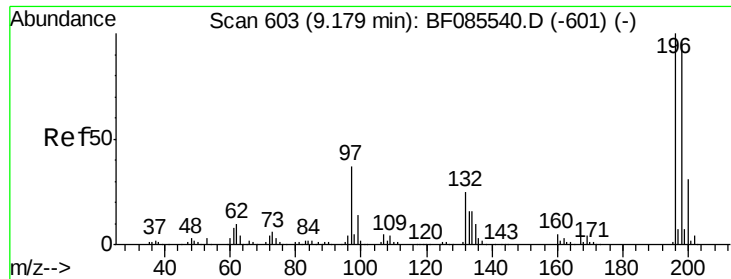
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 42.99 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237267		
198	93.8	75.3	112.9	
200	29.6	23.7	35.5	





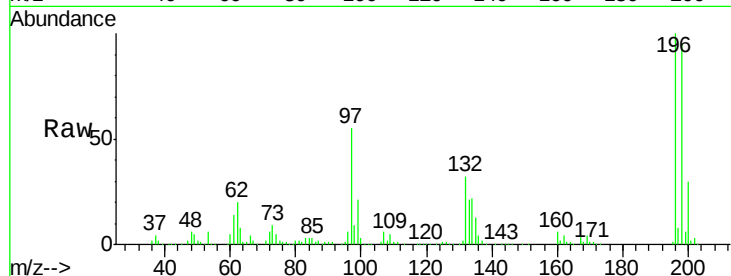
#43
 2,4,5-Trichlorophenol
 Concen: 44.27 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248632		
198	94.9	76.6	114.8	
97	55.3	30.5	45.7#	
132	32.1	20.2	30.2#	

Manual Integrations
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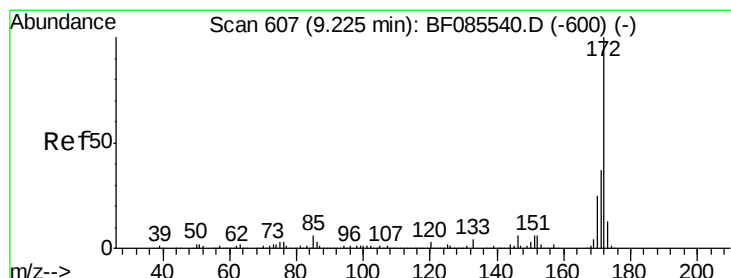
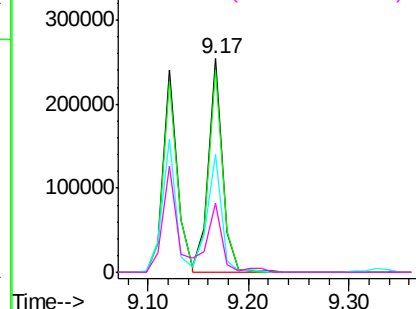
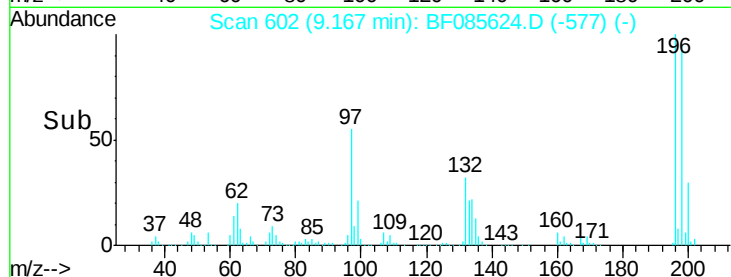
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

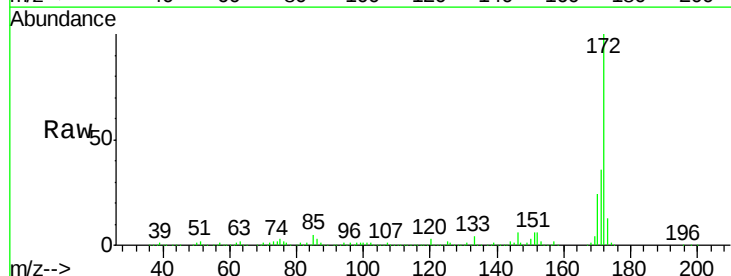
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.34 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1493109		
171	36.2	29.4	44.2	
170	24.4	19.8	29.6	

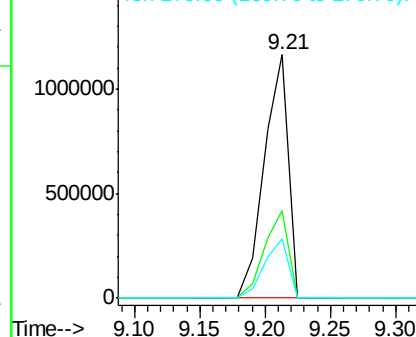
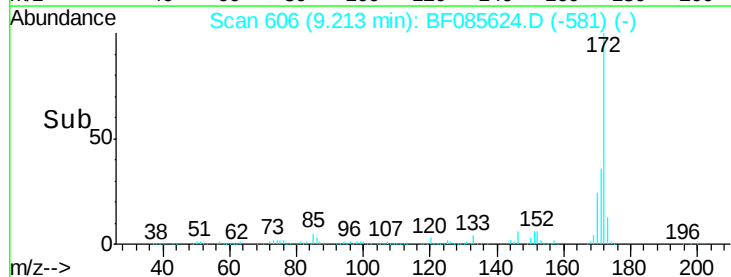


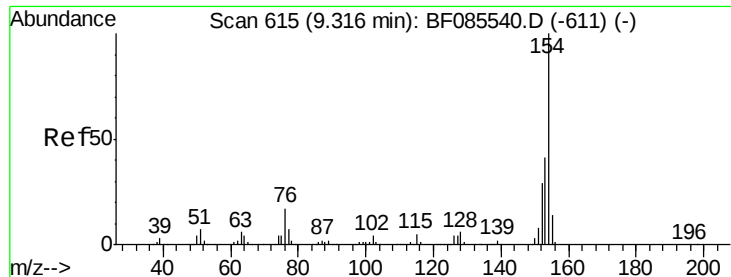
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.15 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

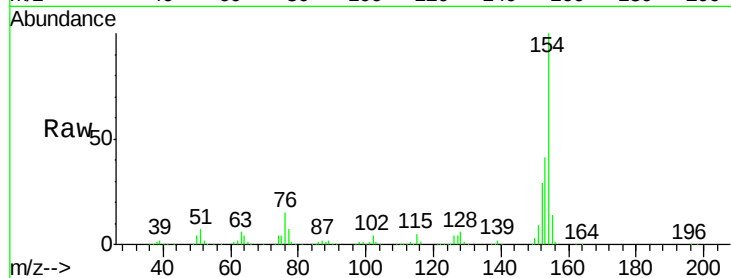
ClientSampleId :

SB-1(8-9)MS

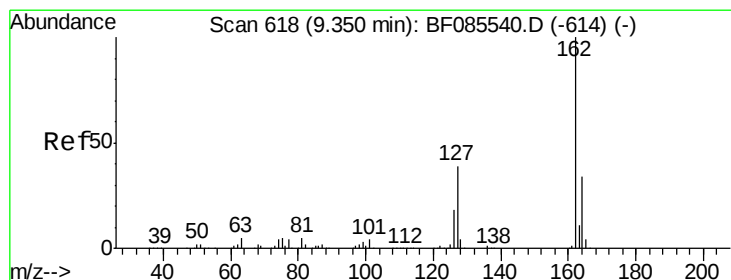
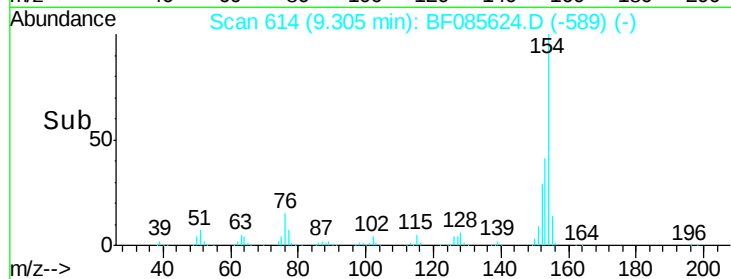
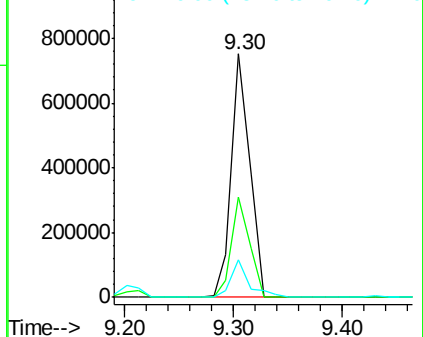
Tgt Ion:	154	Resp:	874696
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.8	60.8
76	15.3	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.24 ng

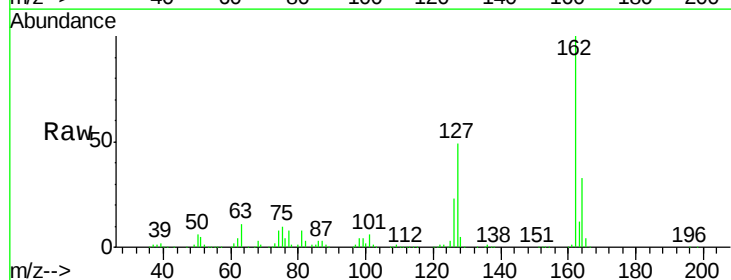
RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

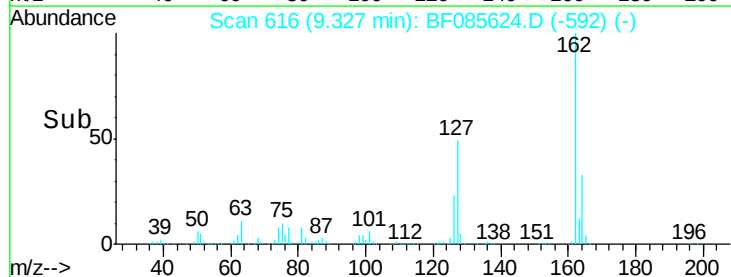
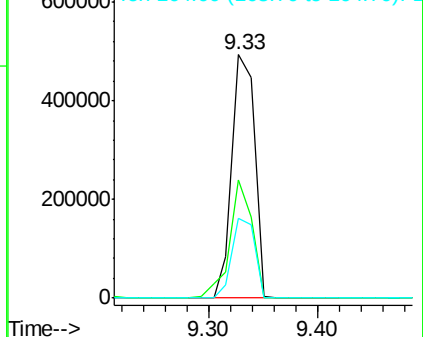
Lab File: BF085624.D

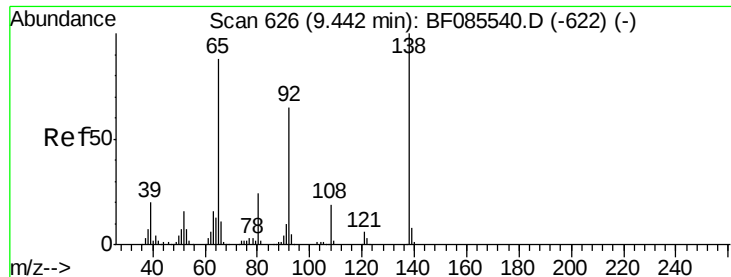
Acq: 21 Mar 2016 16:09

Tgt Ion:	162	Resp:	707468
Ion Ratio	Lower	Upper	
162	100		
127	48.7	31.7	47.5#
164	32.7	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.26 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

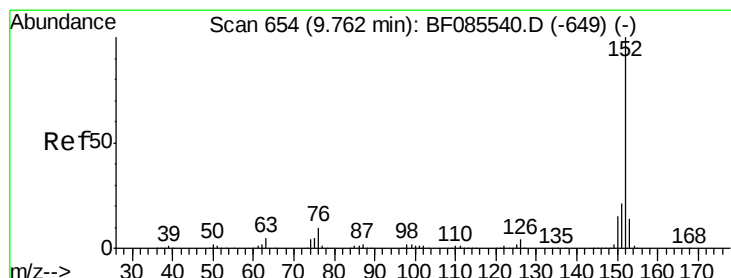
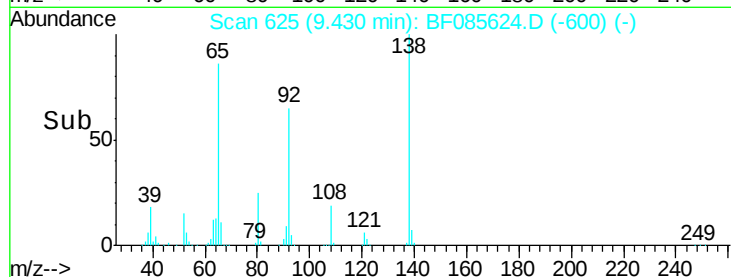
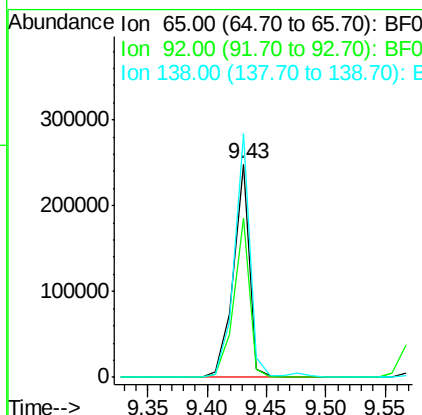
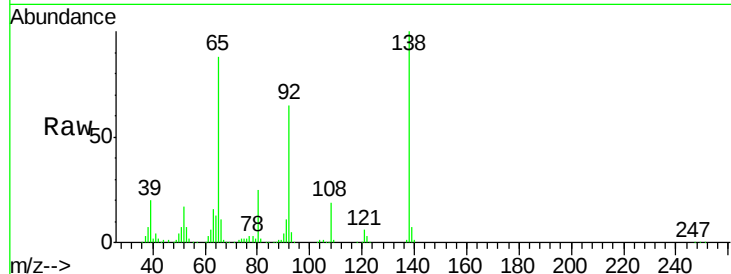
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	65	Resp:	234389
Ion Ratio	Lower	Upper	
65	100		
92	74.6	59.7	89.5
138	114.1	91.4	137.0

Manual Integrations
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#48

Acenaphthylene

Concen: 44.11 ng

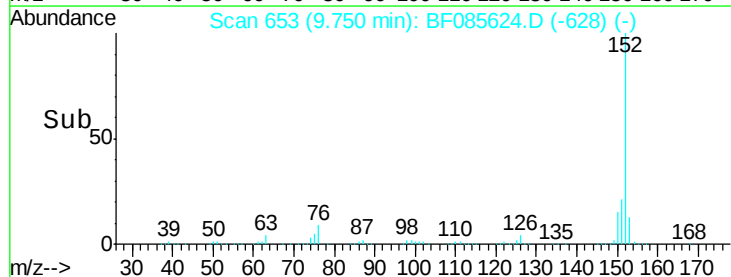
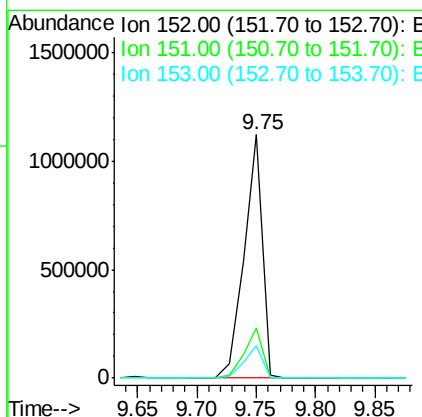
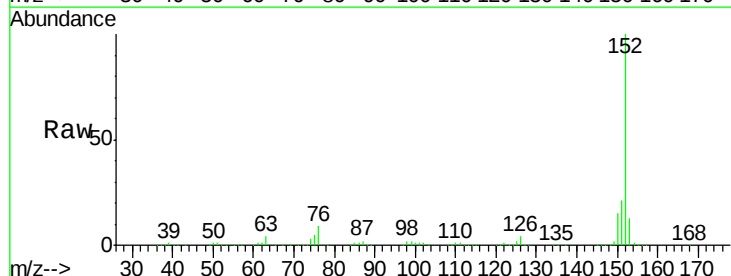
RT: 9.75 min Scan# 653

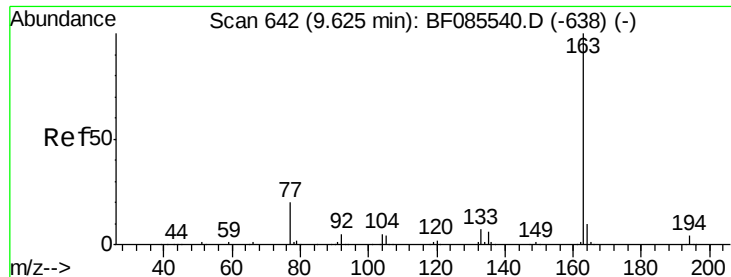
Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	152	Resp:	1195629
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.3	10.9	16.3





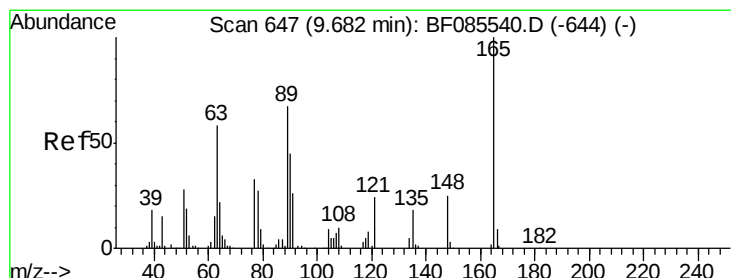
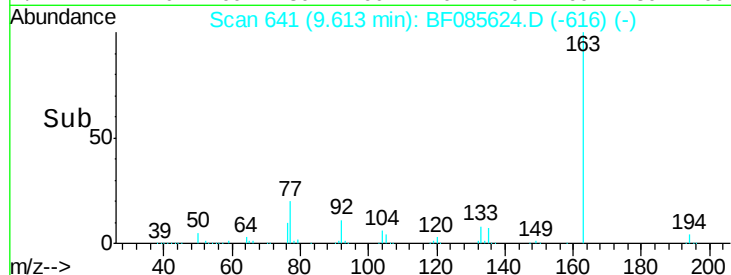
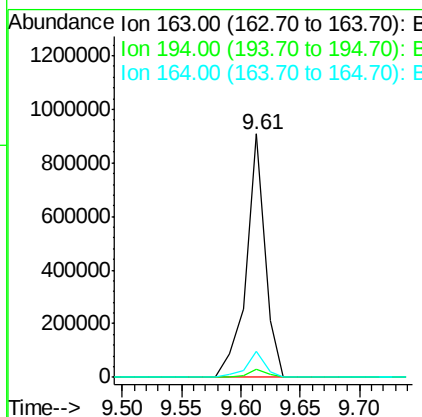
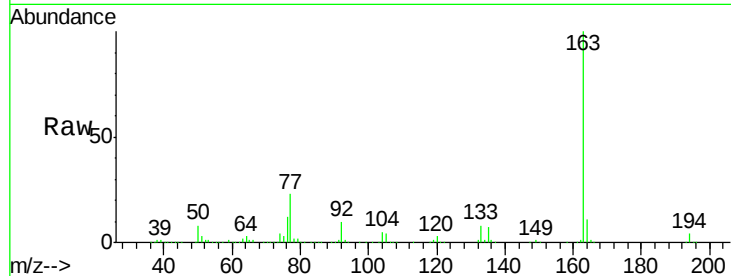
#49
Dimethylphthalate
Concen: 50.15 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion:163 Resp: 1005763
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.5 8.3 12.5

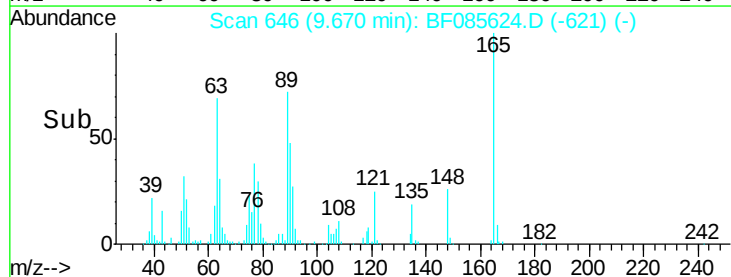
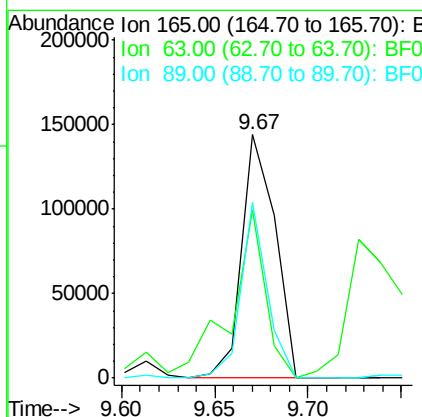
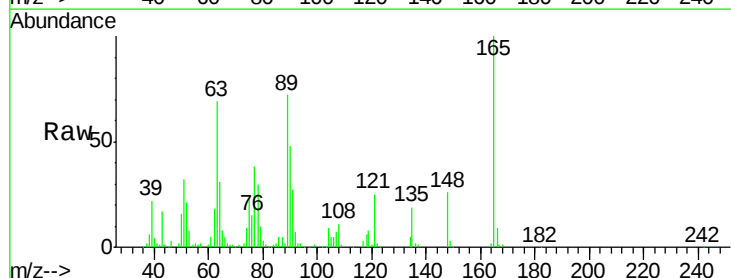
Manual Integrations
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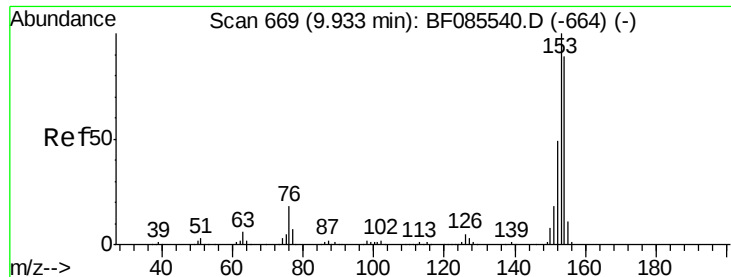
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#50
2,6-Dinitrotoluene
Concen: 42.27 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:165 Resp: 178987
Ion Ratio Lower Upper
165 100
63 69.1 51.8 77.8
89 72.3 53.7 80.5





#51

Acenaphthene

Concen: 43.69 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

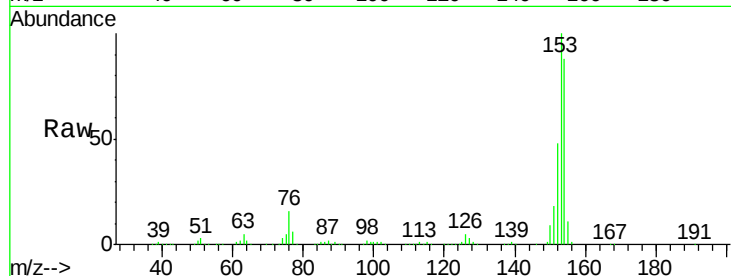
SB-1(8-9)MS

Manual Integrations
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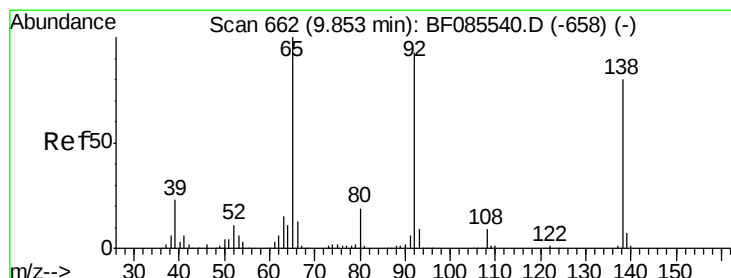
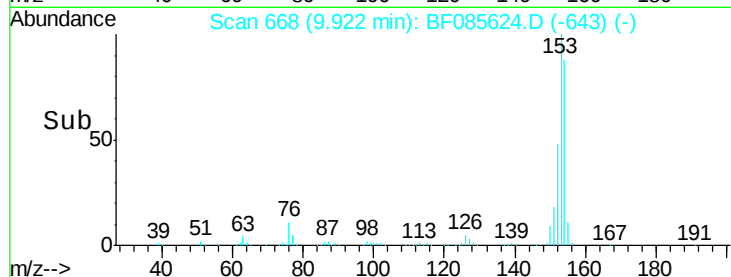
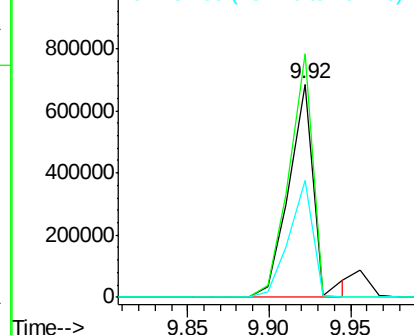
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Tgt Ion:	154	Resp:	743071
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	54.7	44.2	66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.85 ng

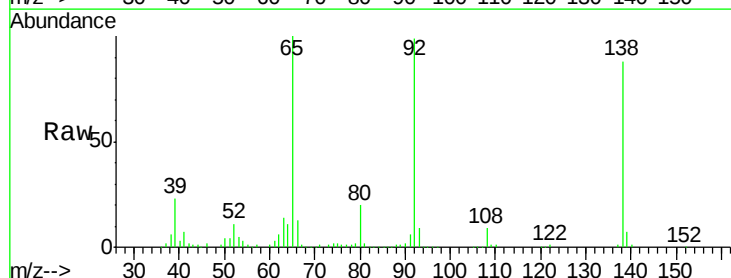
RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

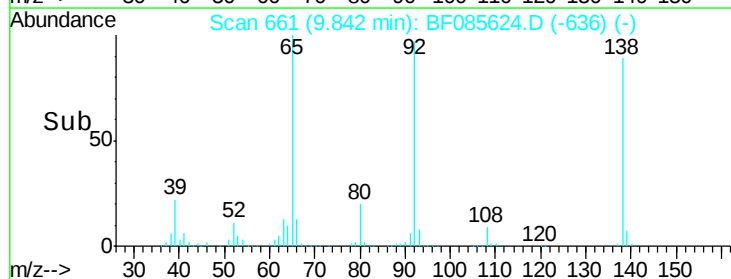
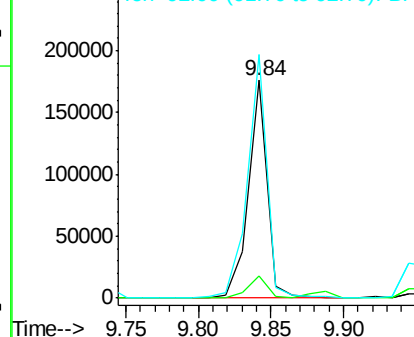
Lab File: BF085624.D

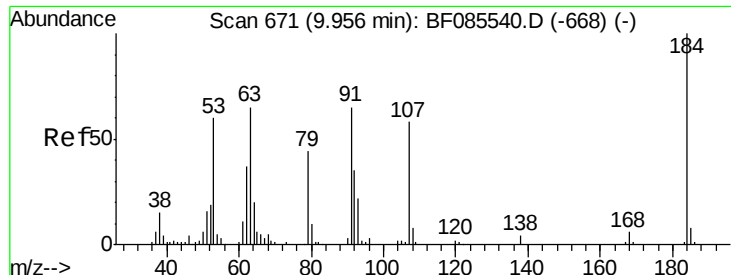
Acq: 21 Mar 2016 16:09

Tgt Ion:	138	Resp:	158283
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.7	13.1
92	111.9	93.3	139.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





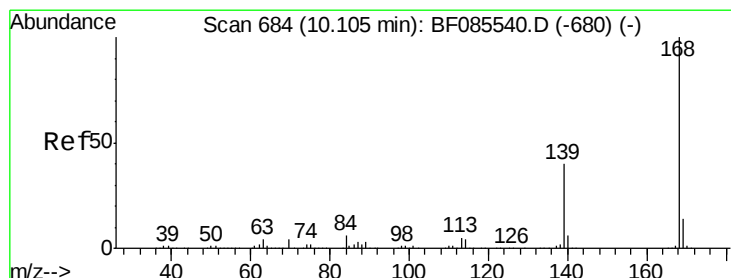
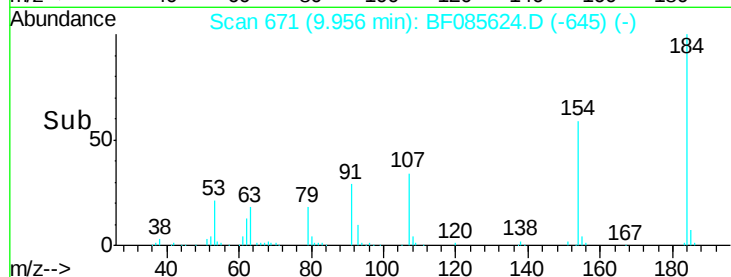
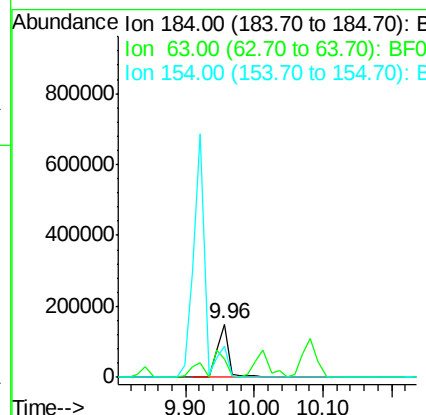
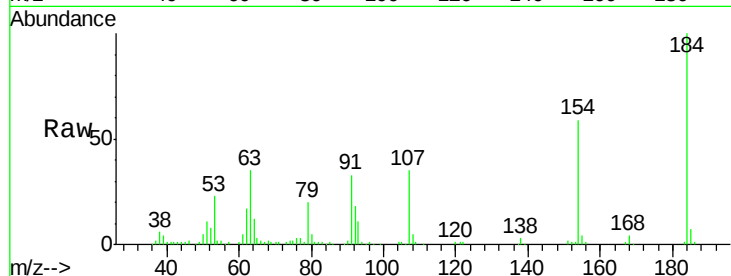
#53
 2,4-Dinitrophenol
 Concen: 66.41 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	172258		
63	35.3	69.5	104.3#	
154	59.2	58.3	87.5	

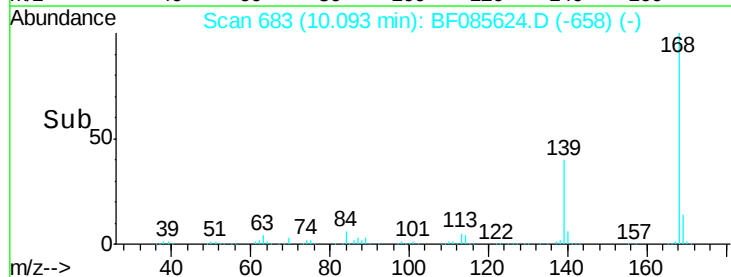
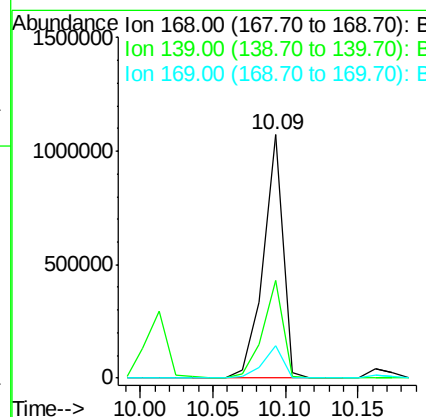
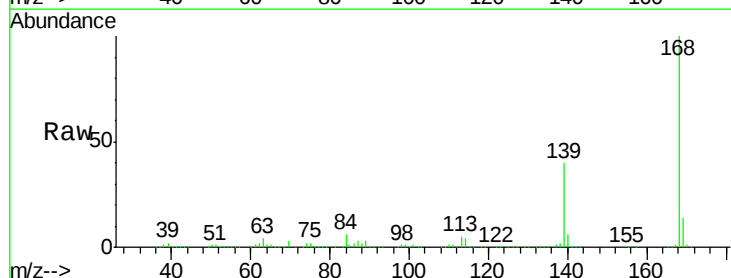
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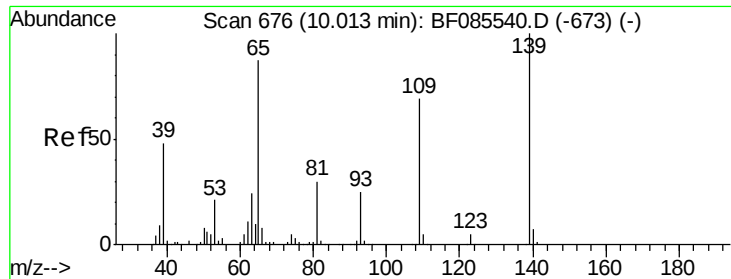
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#54
 Dibenzofuran
 Concen: 48.81 ng
 RT: 10.09 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1011018		
139	40.2	31.9	47.9	
169	13.5	11.0	16.6	





#55

4-Nitrophenol

Concen: 77.90 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

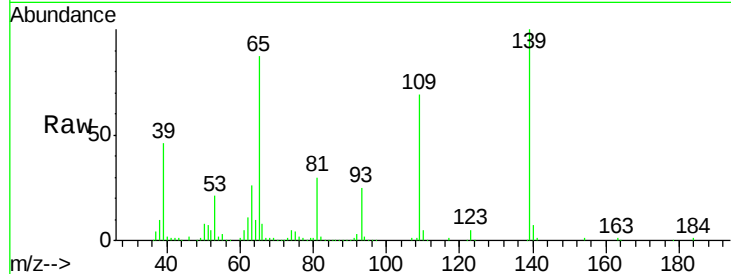
ClientSampleId :

SB-1(8-9)MS

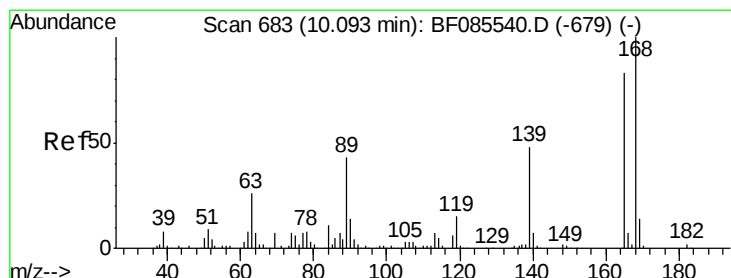
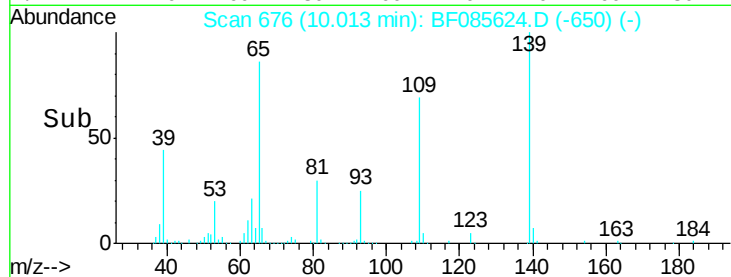
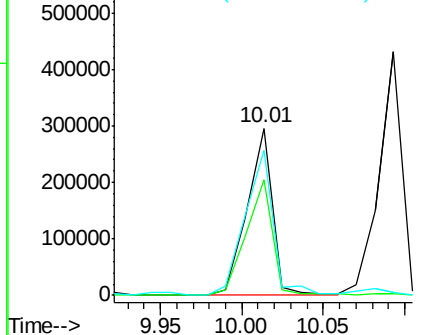
Tgt Ion:	139	Resp:	319276
Ion Ratio	Lower	Upper	
139	100		
109	69.3	49.2	89.2
65	86.5	66.9	106.9

Manual Integrations
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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: 49.48 ng

RT: 10.08 min Scan# 682

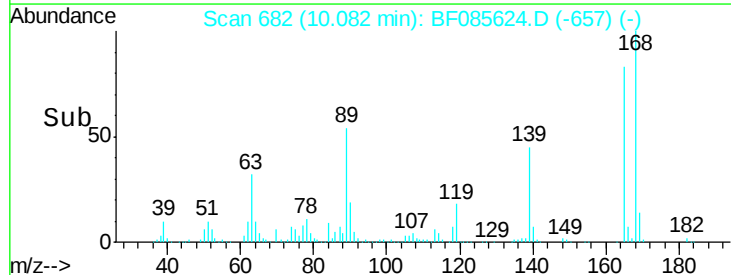
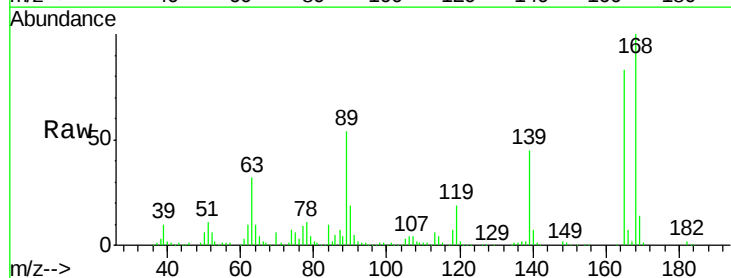
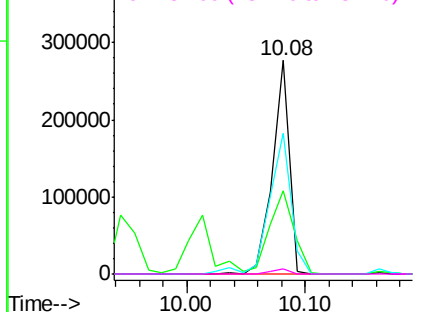
Delta R.T. -0.01 min

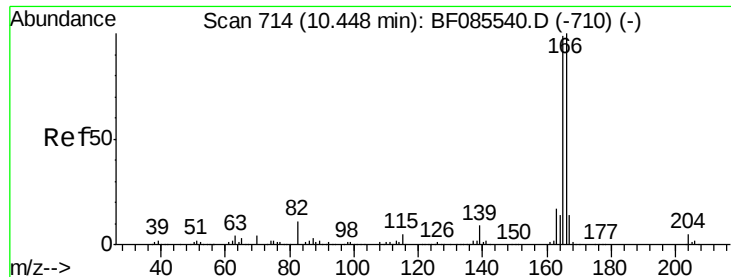
Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	165	Resp:	274311
Ion Ratio	Lower	Upper	
165	100		
63	38.9	24.9	37.3#
89	65.8	41.0	61.6#
182	2.6	2.1	3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.37 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

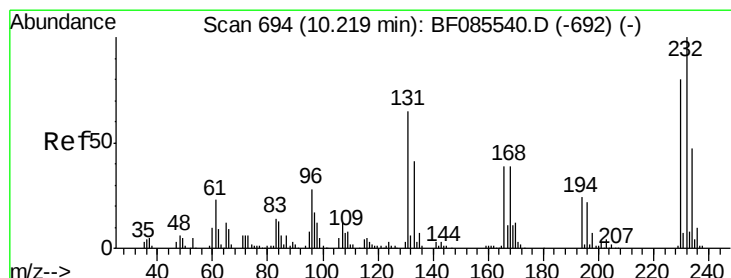
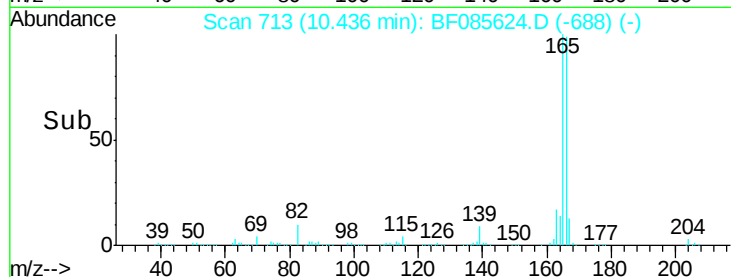
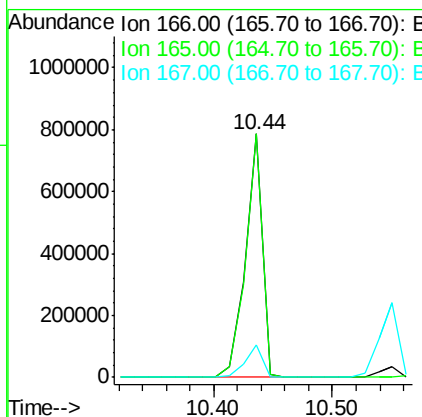
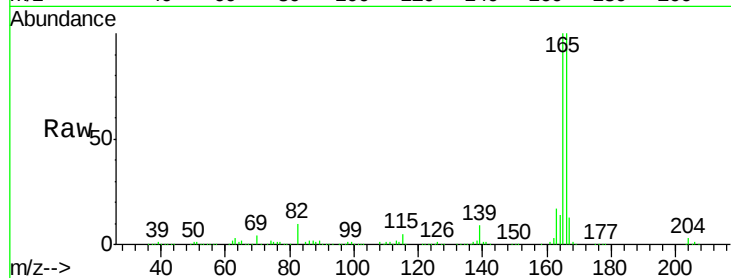
SB-1(8-9)MS

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Tgt Ion:	166	Resp:	783245
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.4	119.0
167	13.3	11.0	16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.07 ng

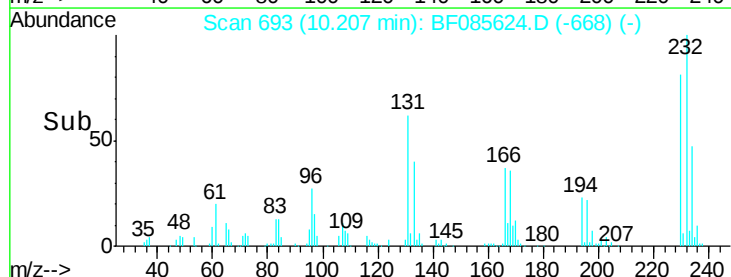
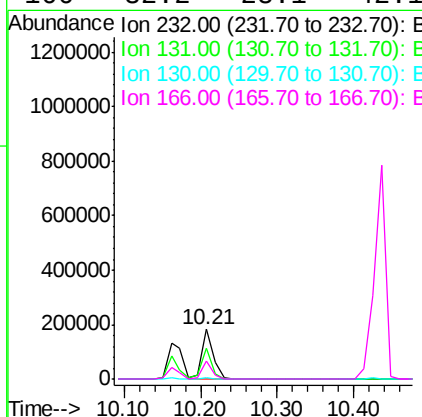
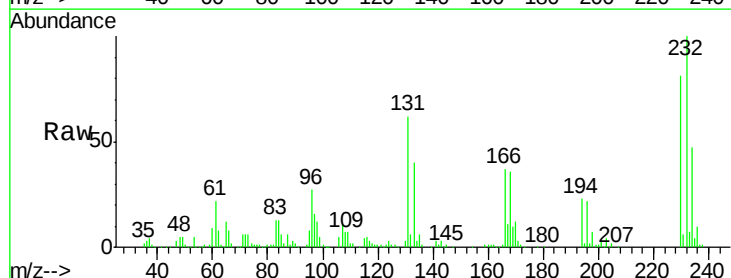
RT: 10.21 min Scan# 693

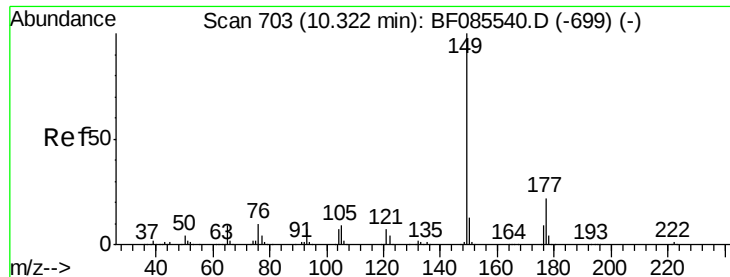
Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	232	Resp:	186325
Ion Ratio	Lower	Upper	
232	100		
131	54.5	44.9	67.3
130	2.6	2.3	3.5
166	32.2	28.1	42.1





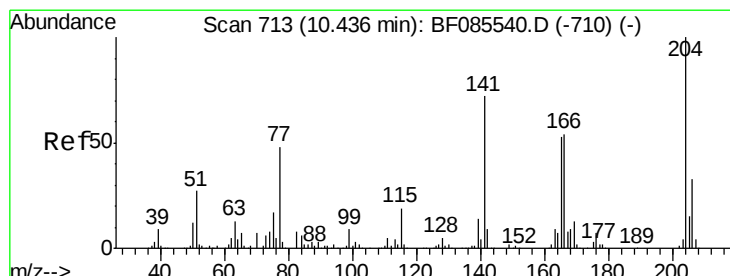
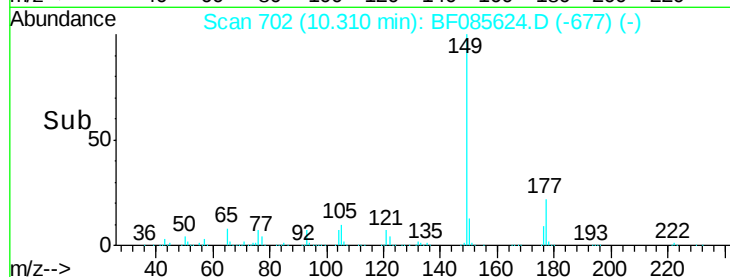
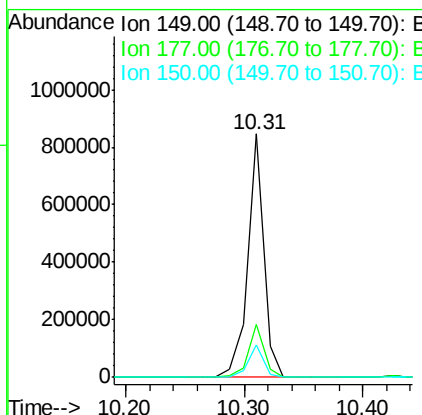
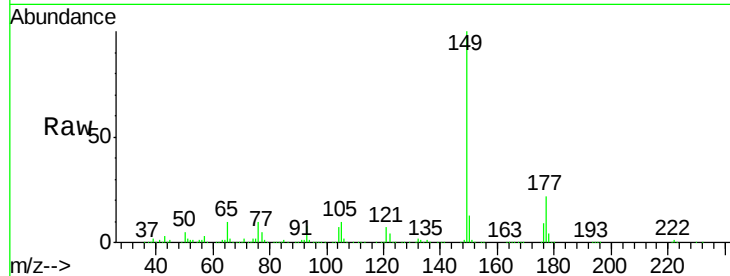
#59
Diethylphthalate
Concen: 40.11 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	799737		
177	21.9		17.9	26.9
150	13.2		10.2	15.2

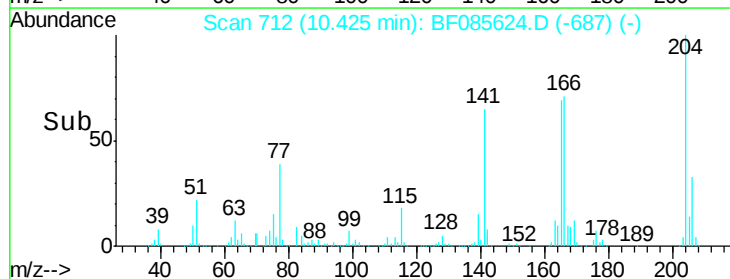
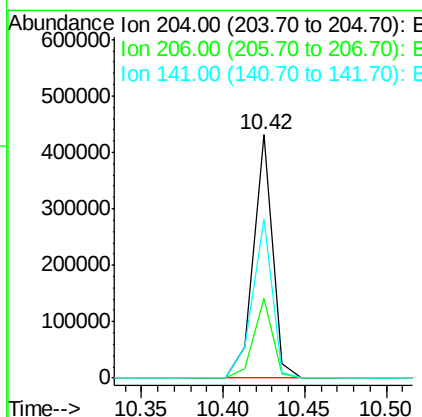
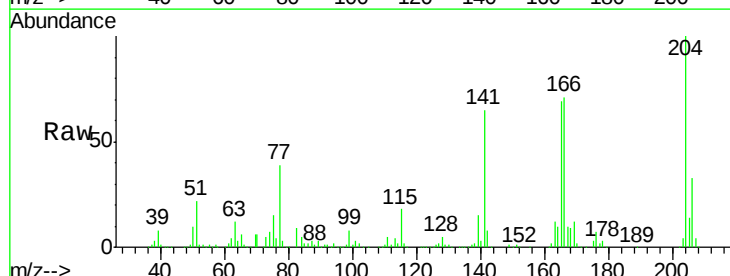
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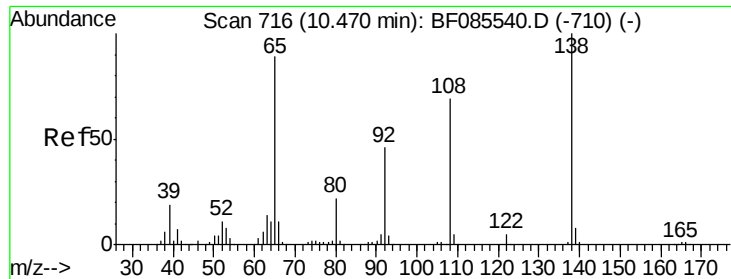
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.95 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	353666		
206	32.8		26.6	39.8
141	65.4		57.4	86.0





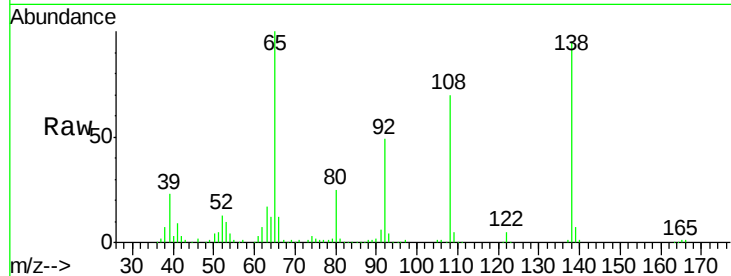
#61
4-Nitroaniline
Concen: 38.59 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

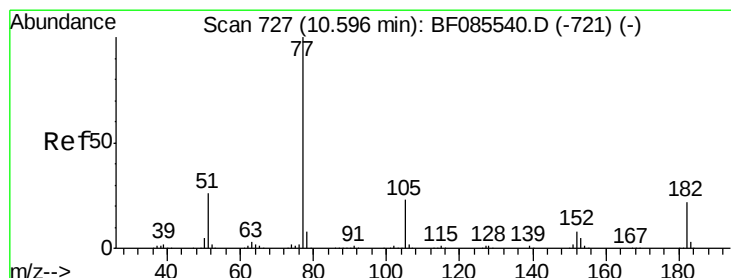
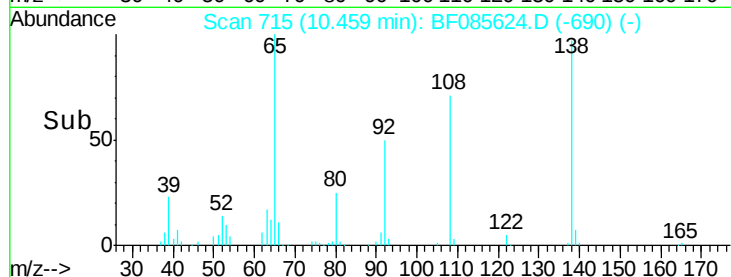
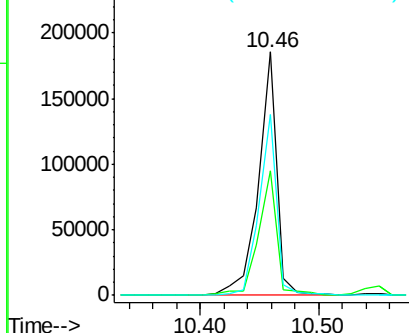
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	201752		
92	51.3	26.4	66.4	
108	74.2	49.0	89.0	

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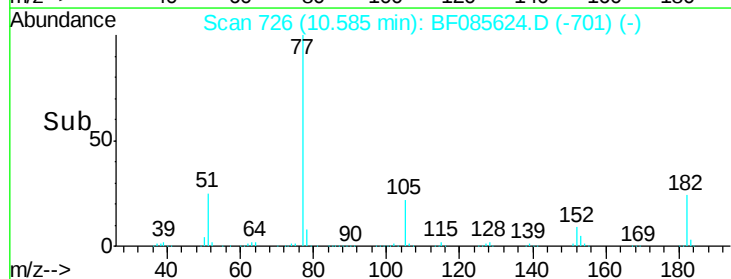
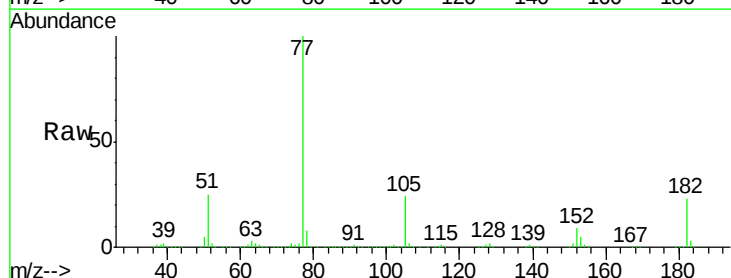
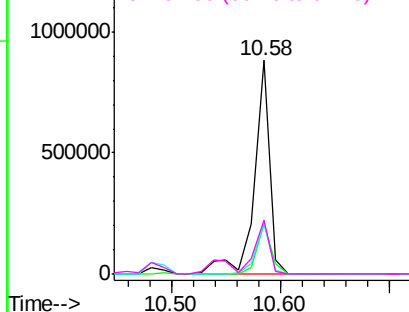
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

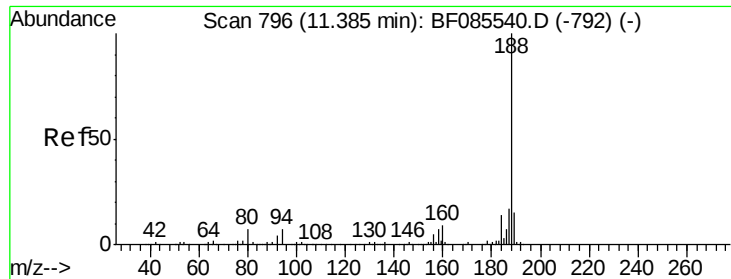


#62
Azobenzene
Concen: 45.80 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	876446		
182	23.4	1.9	41.9	
105	23.8	3.5	43.5	
51	25.5	6.3	46.3	

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: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

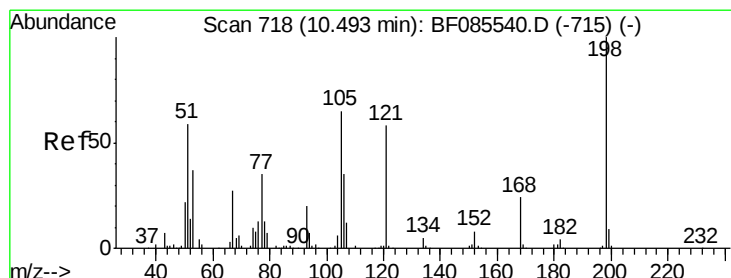
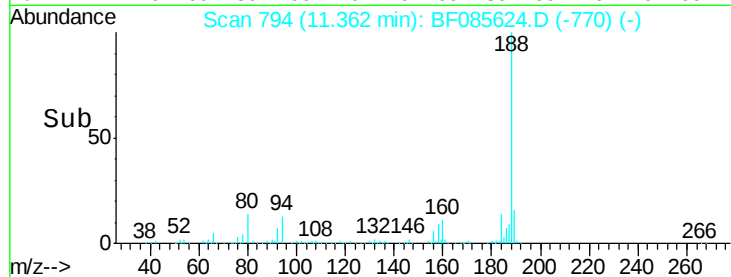
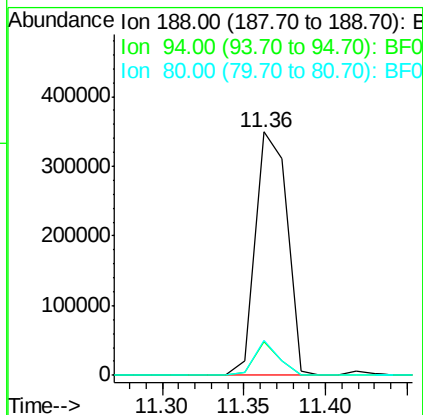
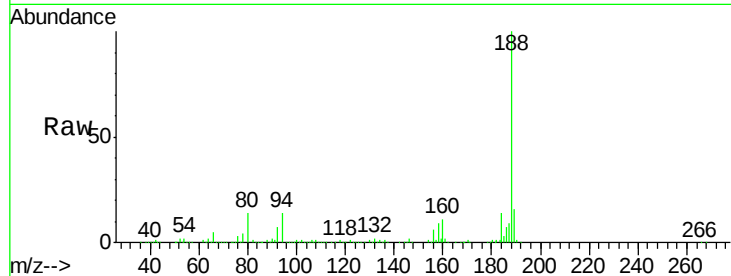
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	188	Resp:	473044
Ion Ratio	Lower	Upper	
188	100		
94	13.6	5.4	8.0#
80	14.3	5.5	8.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.65 ng

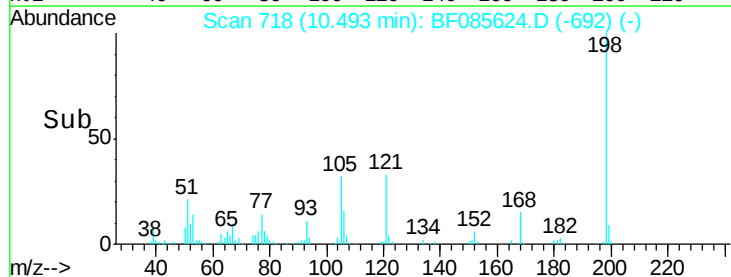
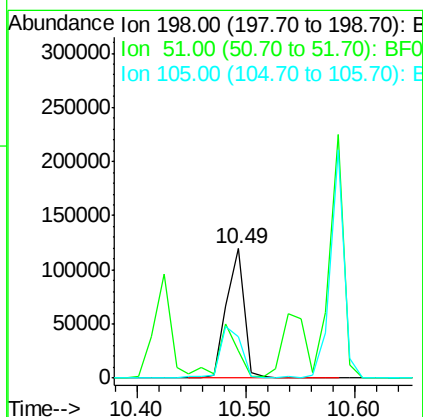
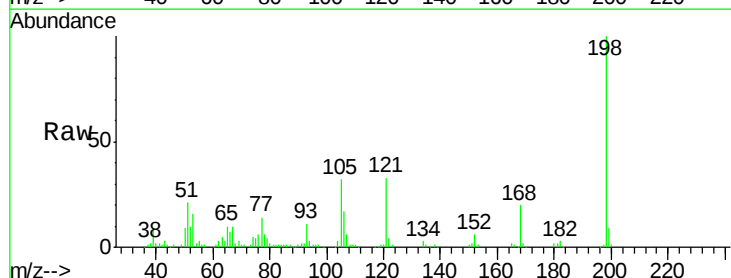
RT: 10.49 min Scan# 718

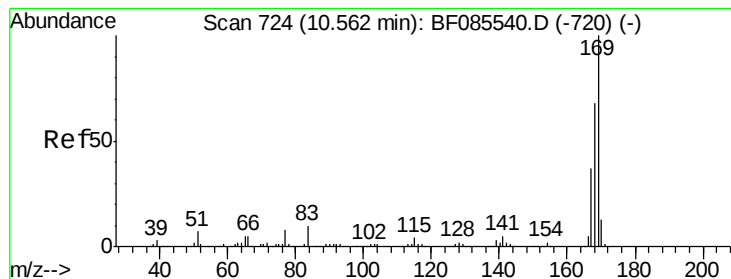
Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	198	Resp:	135148
Ion Ratio	Lower	Upper	
198	100		
51	20.7	45.4	85.4#
105	32.2	45.9	85.9#





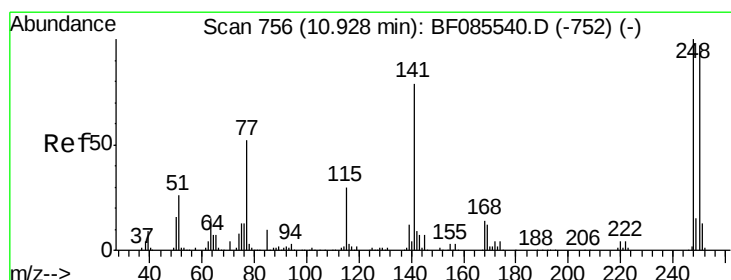
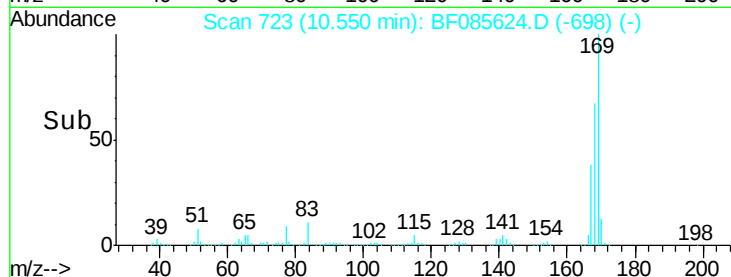
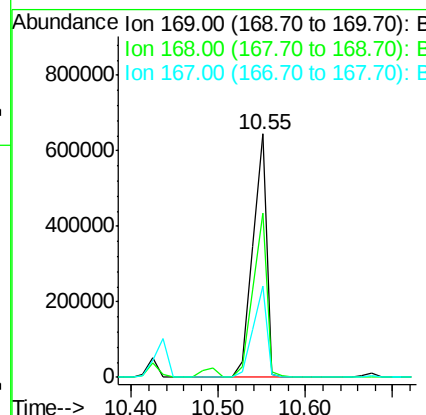
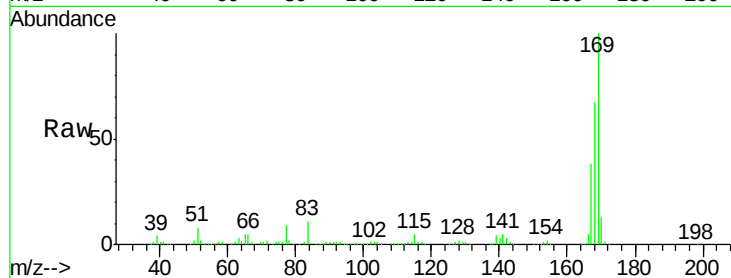
#65
 n-Nitrosodiphenylamine
 Concen: 49.02 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	722286		
168	67.4	54.4	81.6	
167	37.6	29.4	44.0	

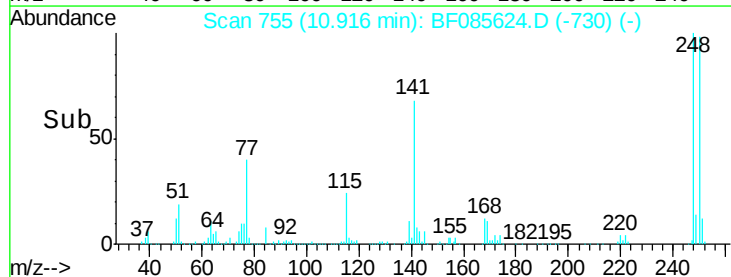
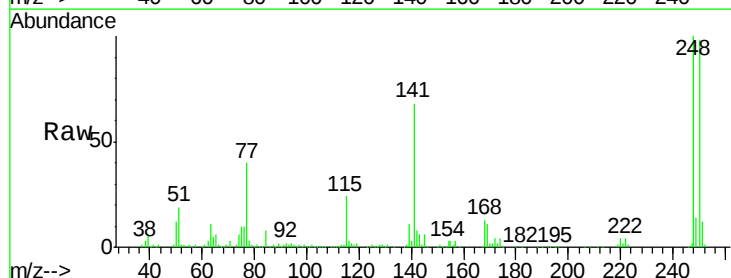
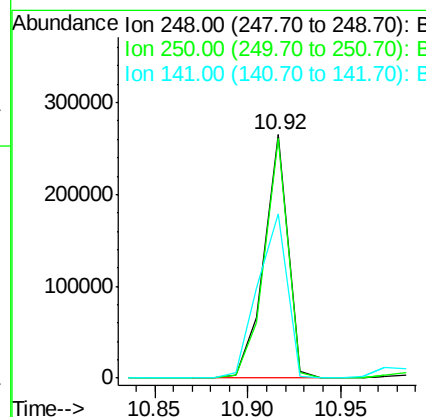
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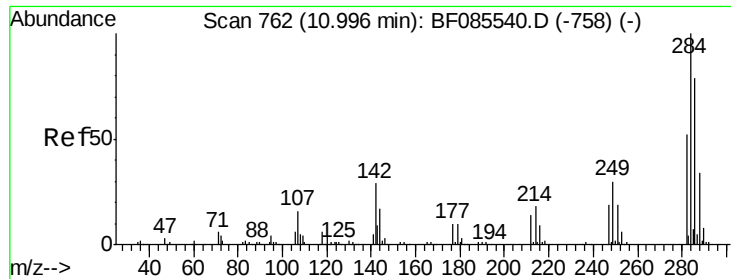
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#66
 4-Bromophenyl-phenylether
 Concen: 49.56 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234201		
250	98.4	77.4	116.0	
141	67.6	63.6	95.4	





#67

Hexachlorobenzene

Concen: 50.25 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

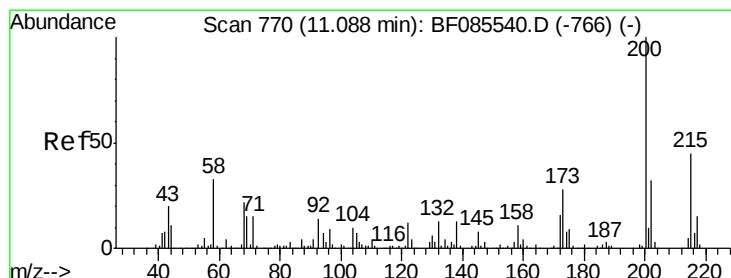
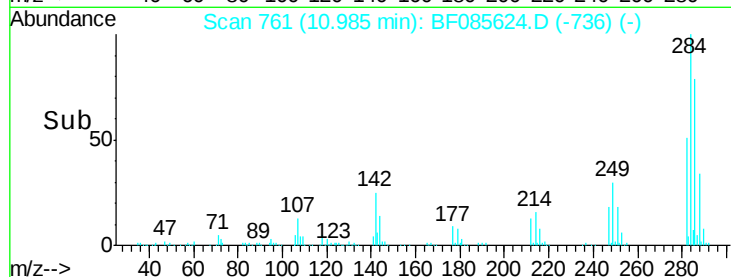
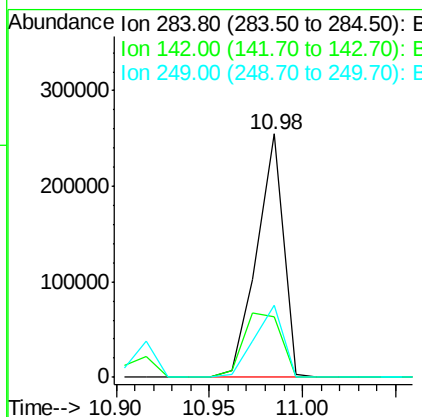
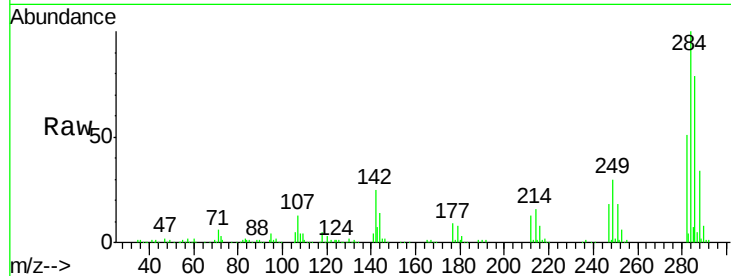
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	284	Resp:	252290
Ion Ratio	Lower	Upper	
284	100		
142	24.8	23.1	34.7
249	29.6	24.2	36.2

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#68

Atrazine

Concen: 51.13 ng

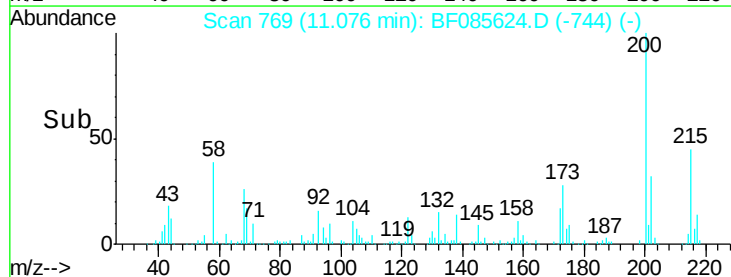
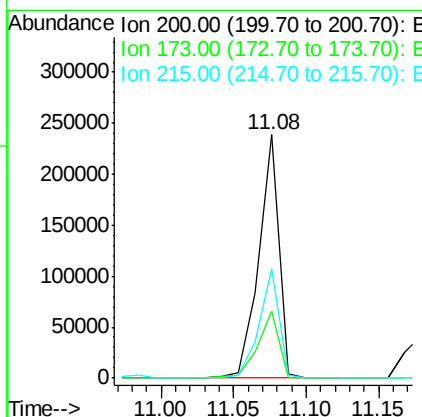
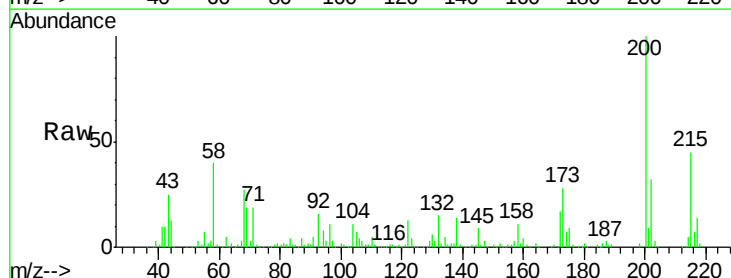
RT: 11.08 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	200	Resp:	229383
Ion Ratio	Lower	Upper	
200	100		
173	27.7	7.7	47.7
215	45.0	25.4	65.4





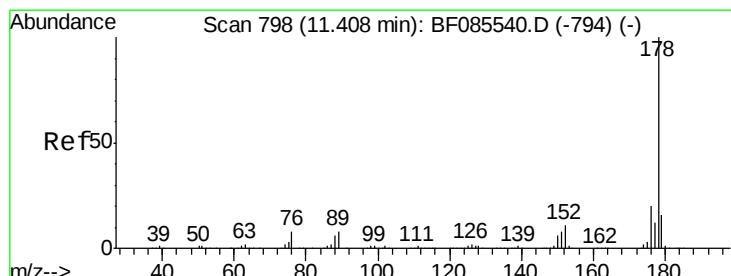
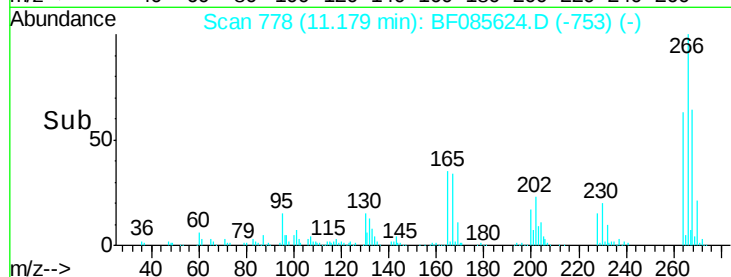
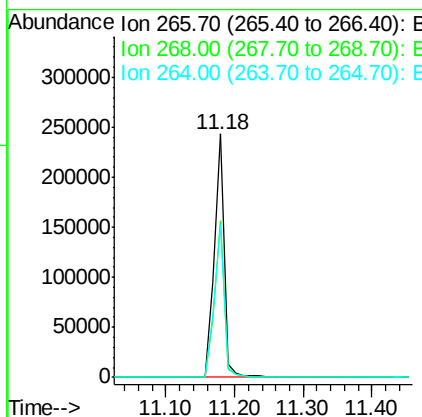
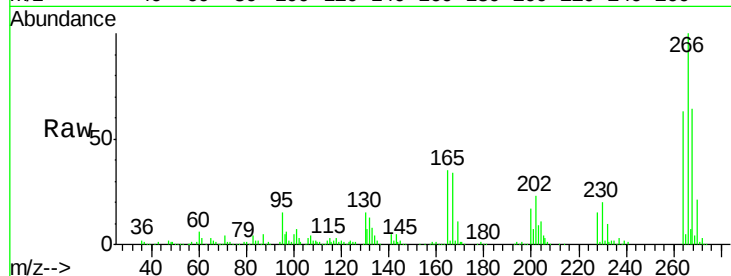
#69
 Pentachlorophenol
 Concen: 82.73 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	252181		
268	64.4	51.5	77.3	
264	62.7	50.6	76.0	

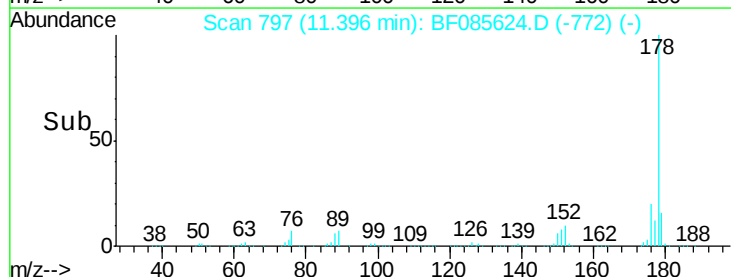
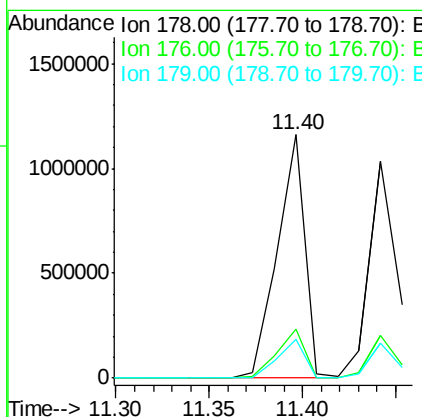
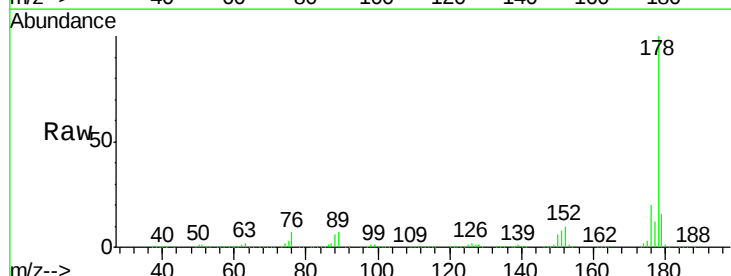
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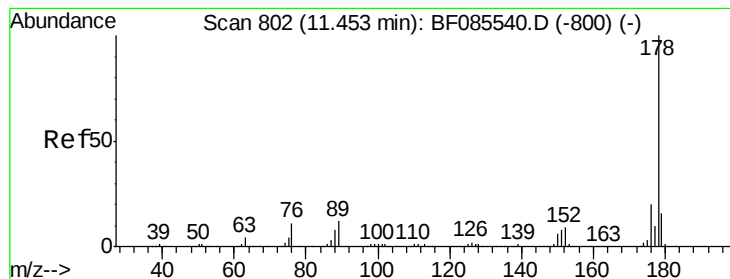
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#70
 Phenanthrene
 Concen: 47.77 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1191576		
176	20.3	16.3	24.5	
179	15.9	12.6	18.8	





#71

Anthracene

Concen: 40.09 ng

RT: 11.44 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:178 Resp: 1048446

Ion Ratio Lower Upper

178 100

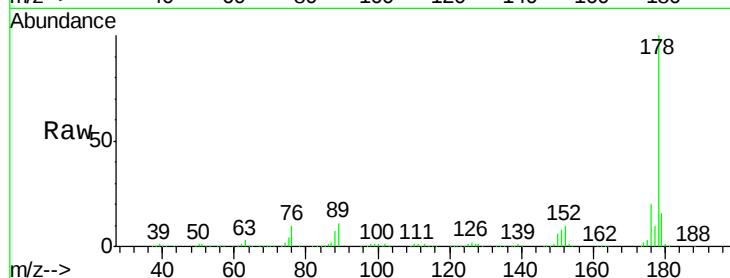
176 19.8 15.9 23.9

179 16.2 13.0 19.4

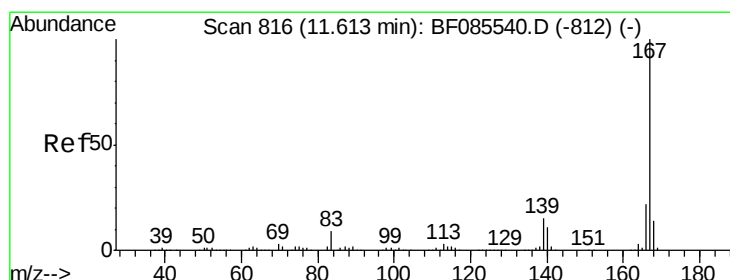
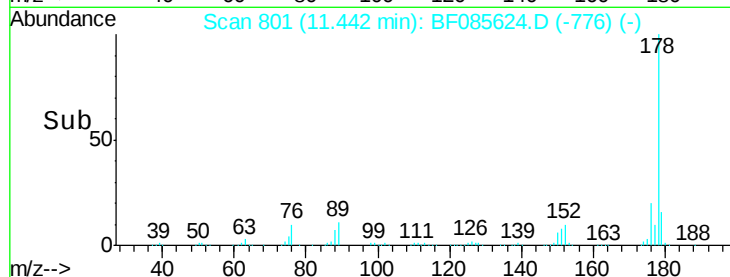
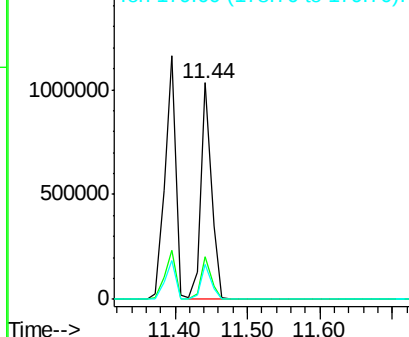
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.76 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

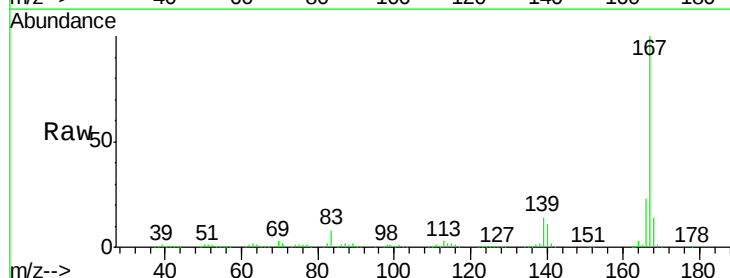
Tgt Ion:167 Resp: 1077541

Ion Ratio Lower Upper

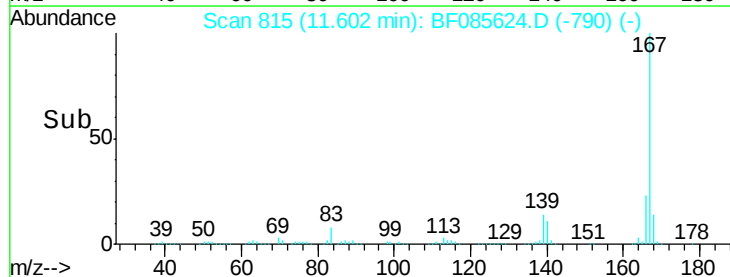
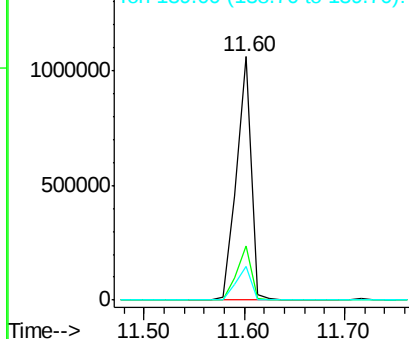
167 100

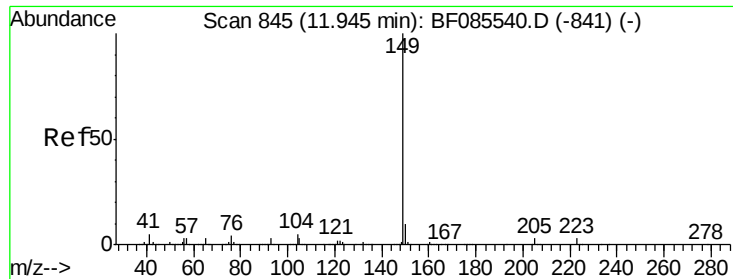
166 22.5 17.8 26.8

139 13.9 11.6 17.4



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





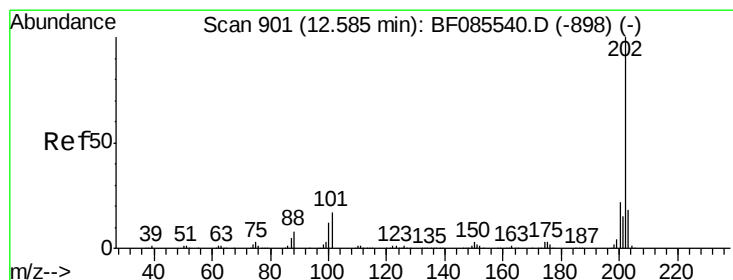
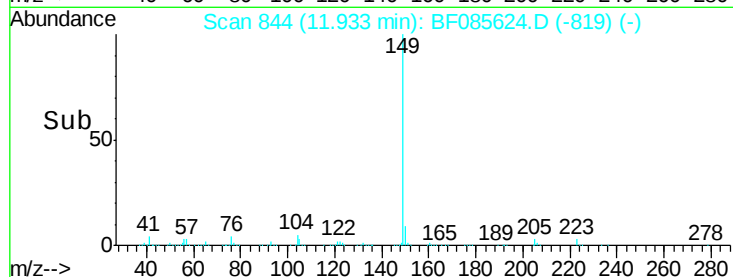
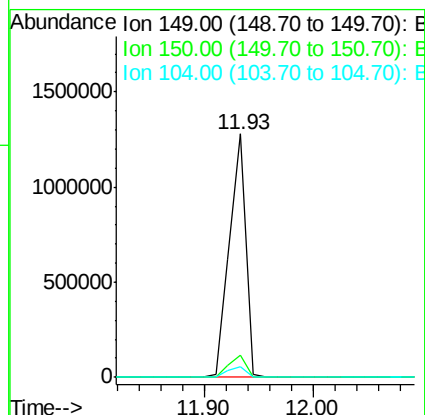
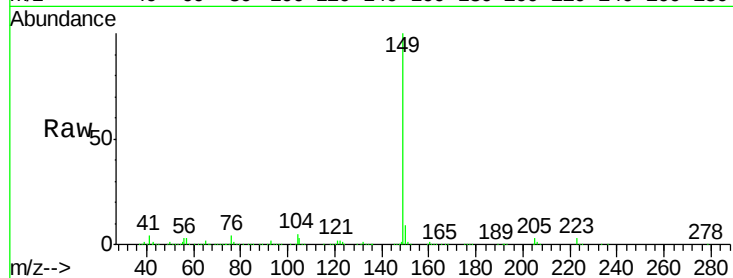
#73
Di-n-butylphthalate
Concen: 47.04 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.8

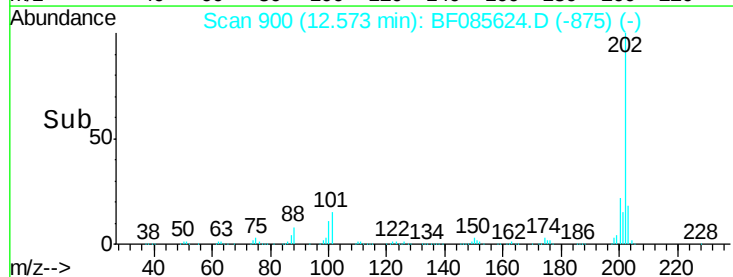
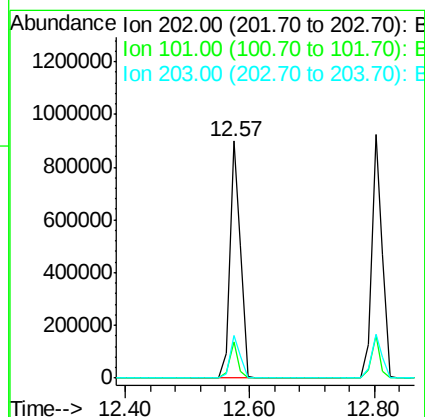
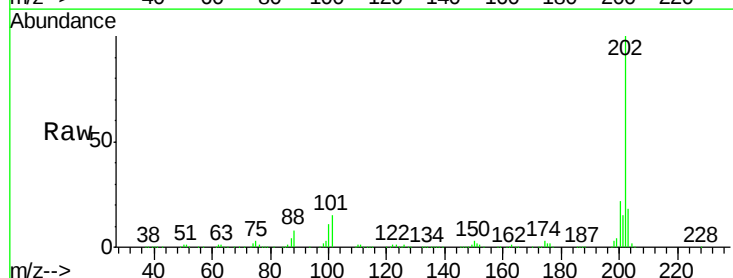
Manual Integrations
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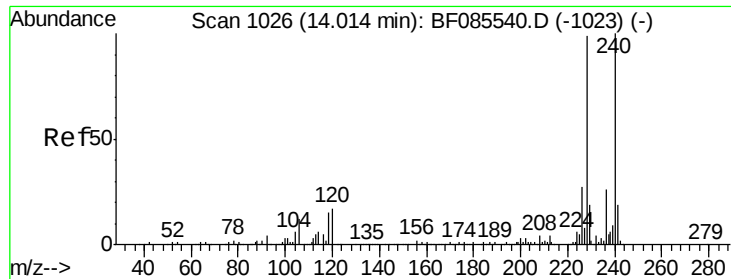
Sohil
3/22/2016 5:33:32 PM



#74
Fluoranthene
Concen: 39.83 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	36.6
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

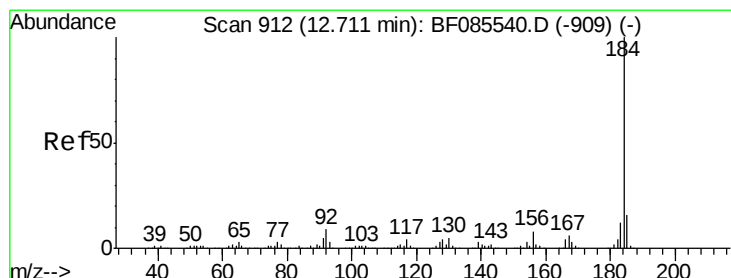
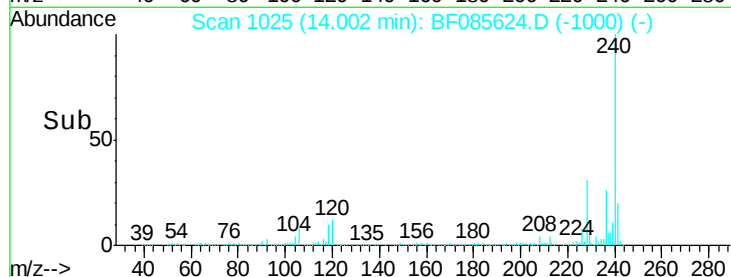
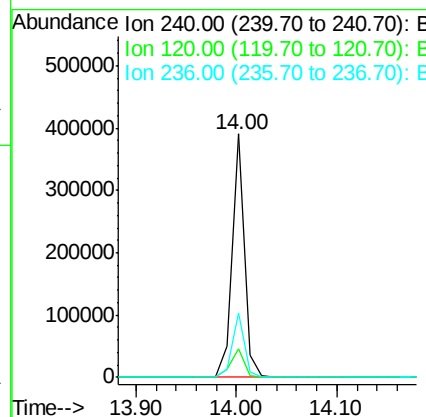
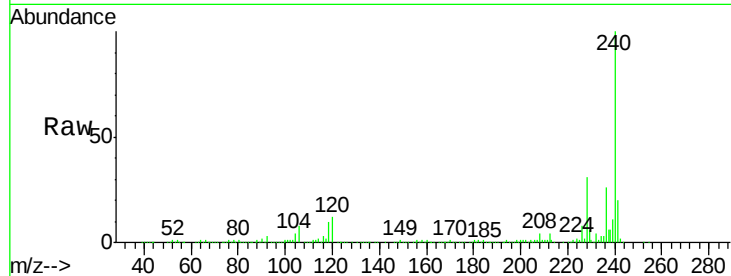
ClientSampleId :

SB-1(8-9)MS

Tgt Ion:	240	Resp:	330602
Ion Ratio	Lower	Upper	
240	100		
120	11.6	13.8	20.8#
236	26.3	20.6	30.8

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#76

Benzidine

Concen: 8.53 ng

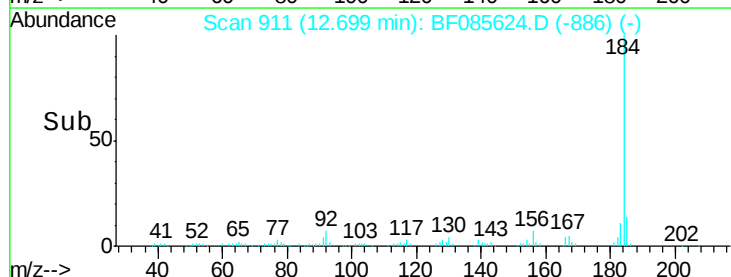
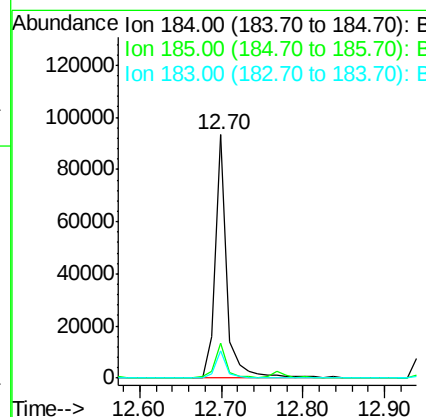
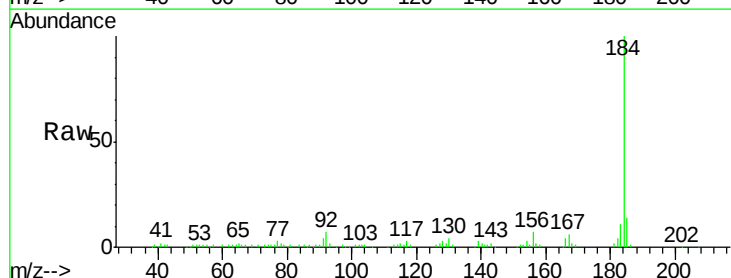
RT: 12.70 min Scan# 911

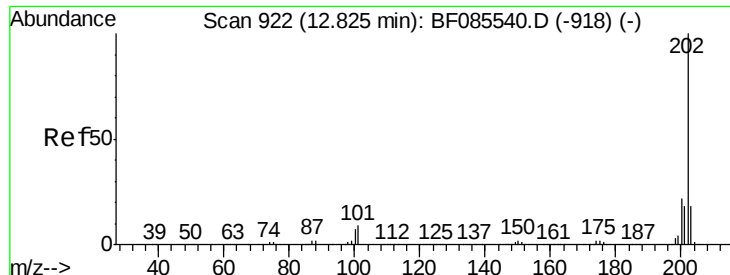
Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:	184	Resp:	94808
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.4	18.6
183	11.4	9.4	14.2





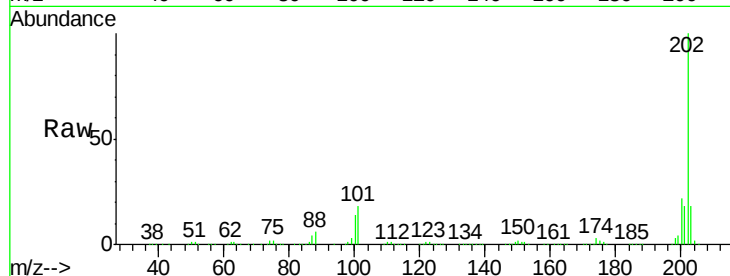
#77
Pyrene
 Concen: 44.46 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.3	14.0	21.0

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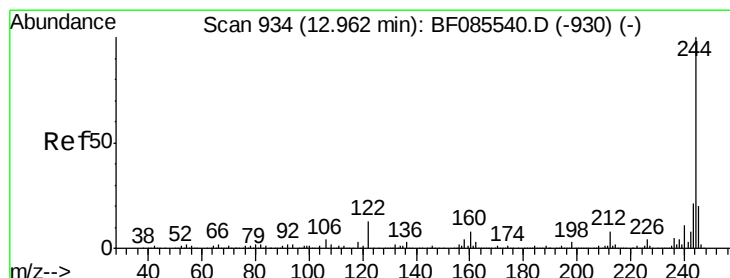
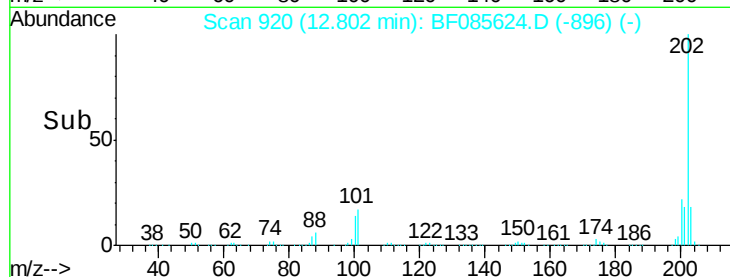
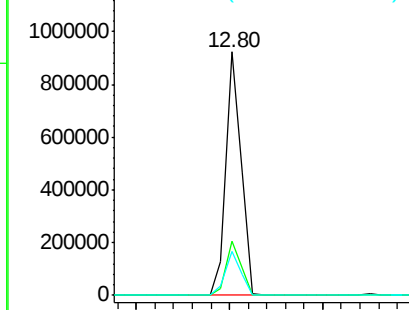


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
 Concen: 87.41 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

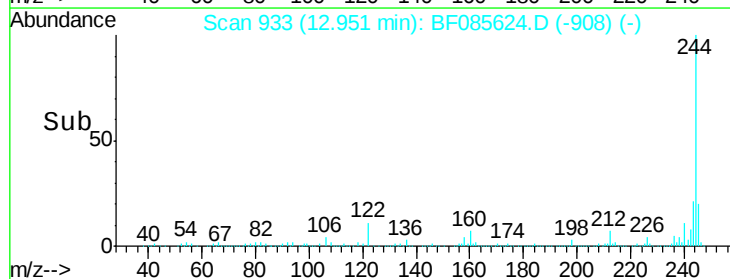
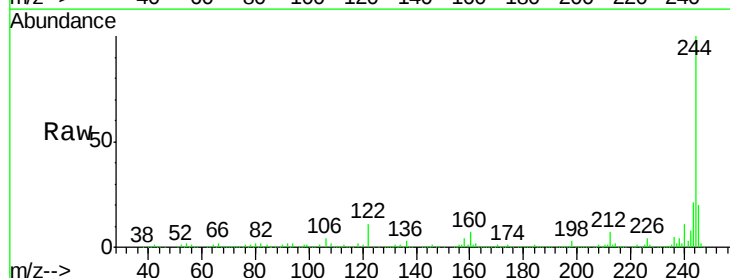
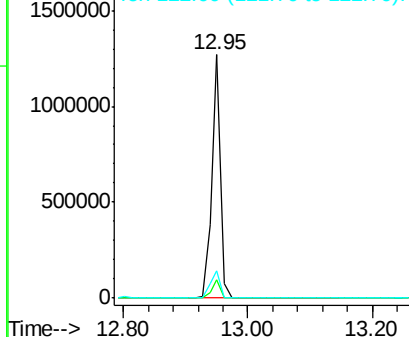
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.4	10.2	15.4

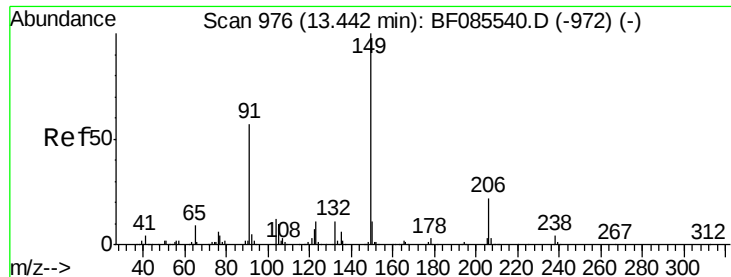
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





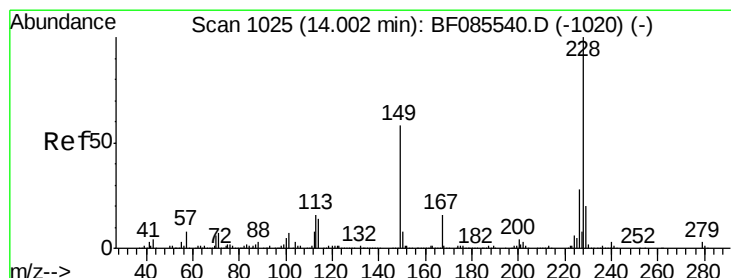
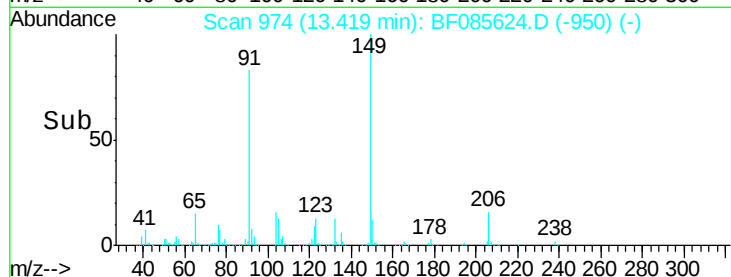
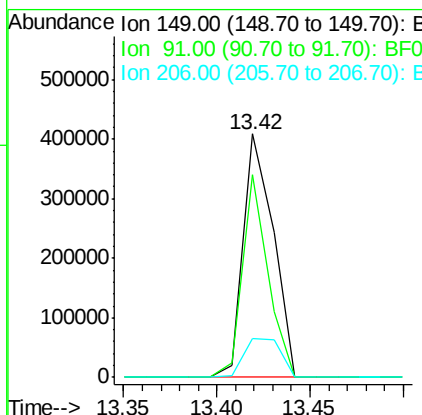
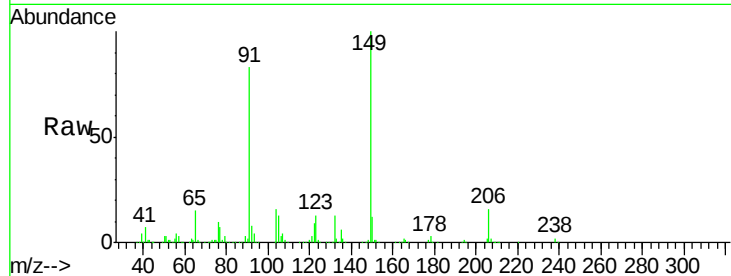
#79
Butylbenzylphthalate
Concen: 40.95 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.2	45.8	68.8#
206	16.1	17.8	26.8#

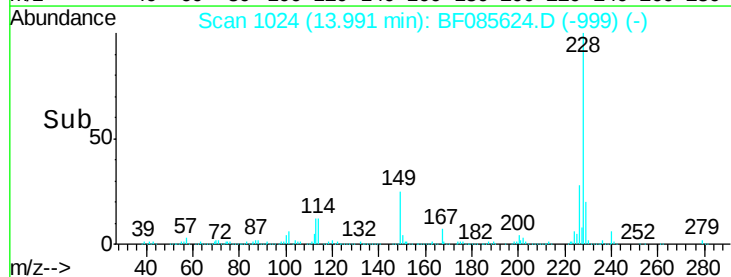
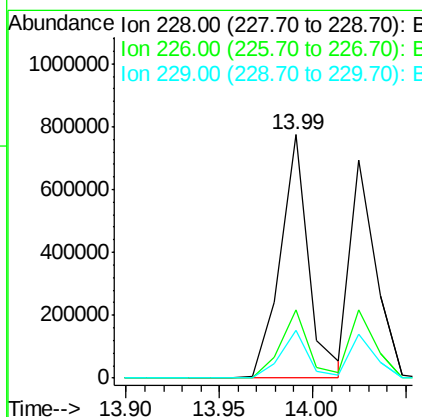
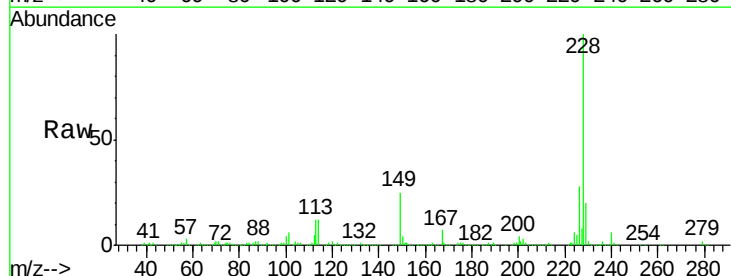
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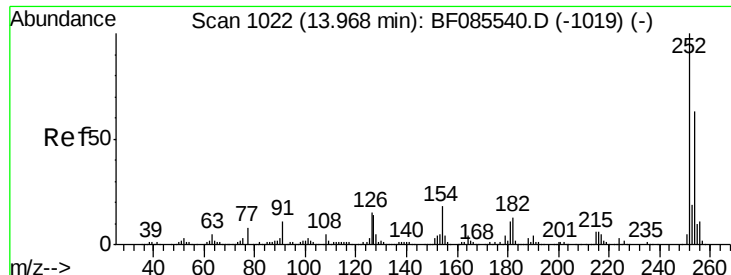
Sohil
3/22/2016 5:33:32 PM



#80
Benzo(a)anthracene
Concen: 42.69 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.1	33.1
229	19.8	16.2	24.4





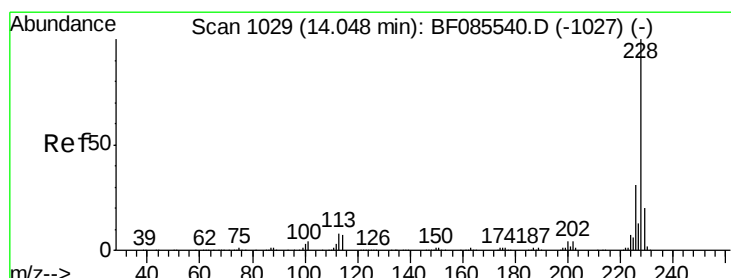
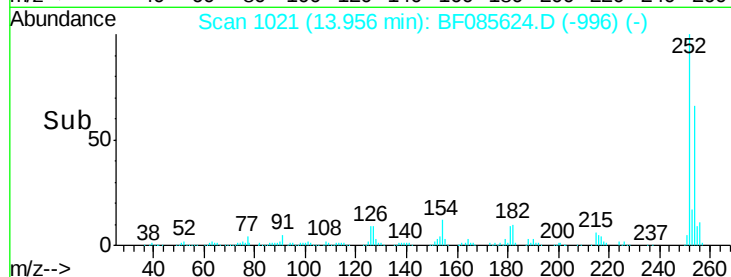
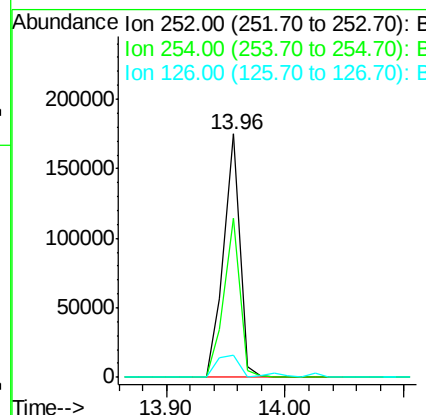
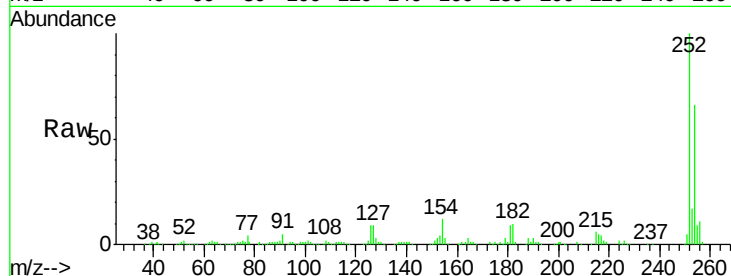
#81
 3,3'-Dichlorobenzidine
 Concen: 23.62 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	50.7	76.1
126	9.1	11.8	17.6

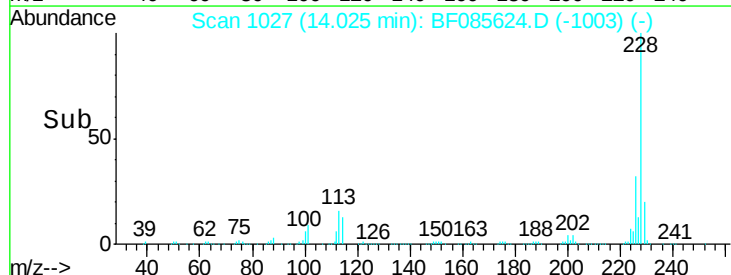
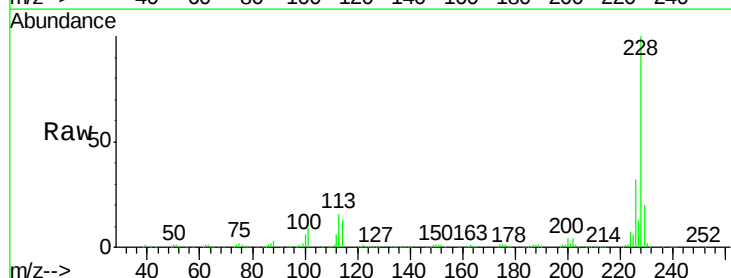
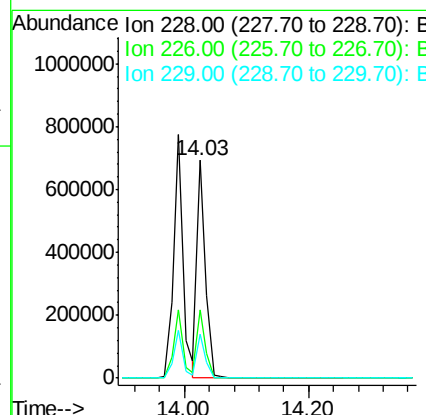
Manual Integrations
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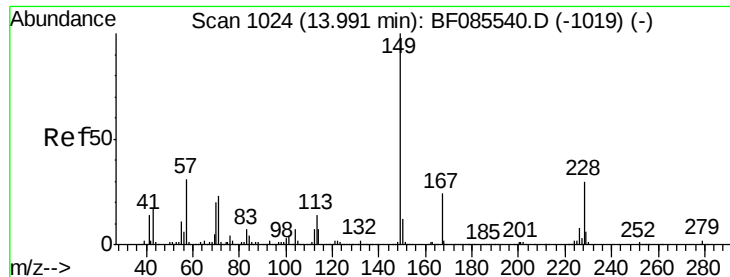
Sohil
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#82
 Chrysene
 Concen: 36.57 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	20.3	15.7	23.5





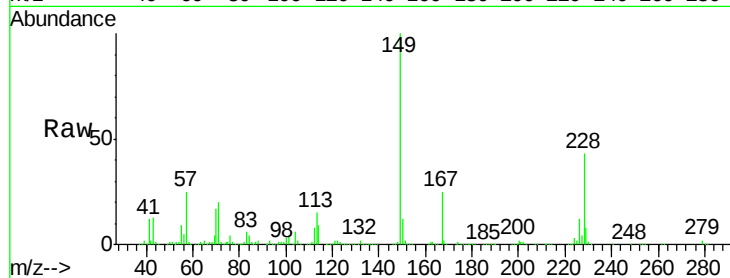
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.06 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

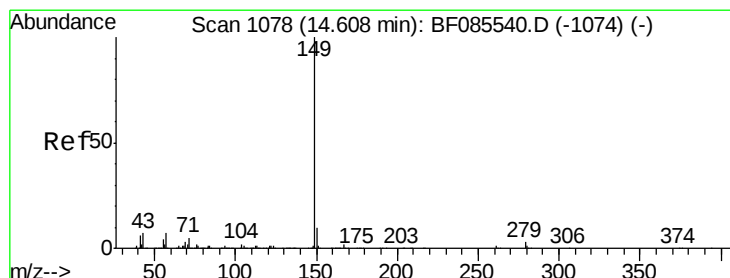
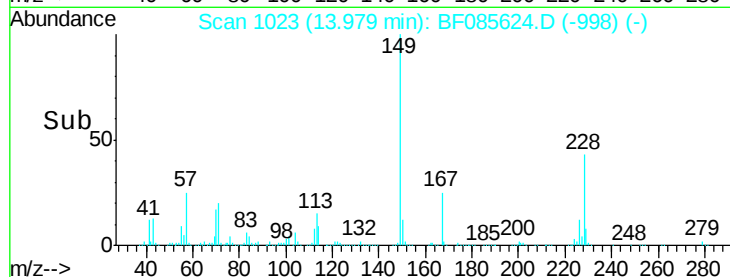
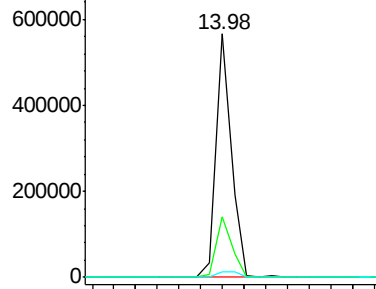
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.0	19.4	29.2
279	2.4	1.5	2.3#

Manual Integrations
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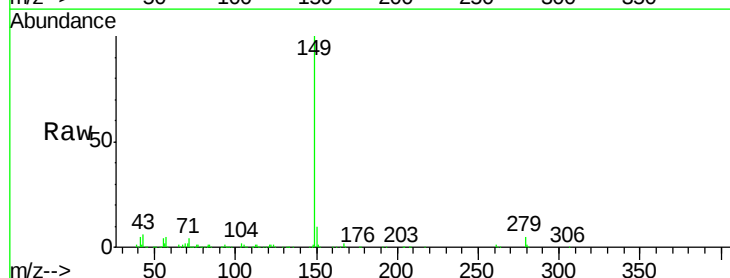


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

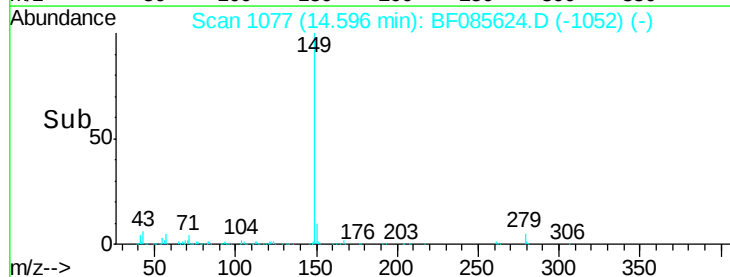
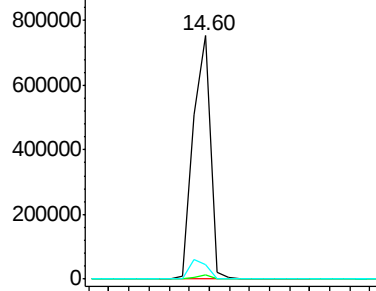


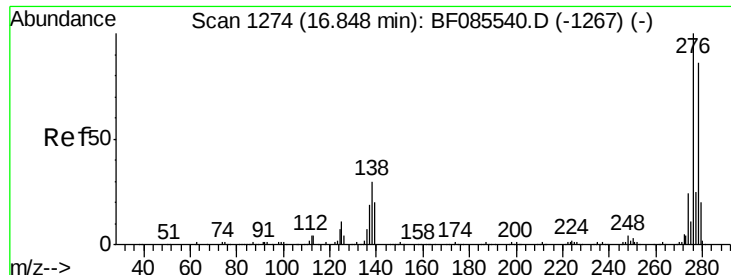
#84
 Di-n-octyl phthalate
 Concen: 38.88 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7



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





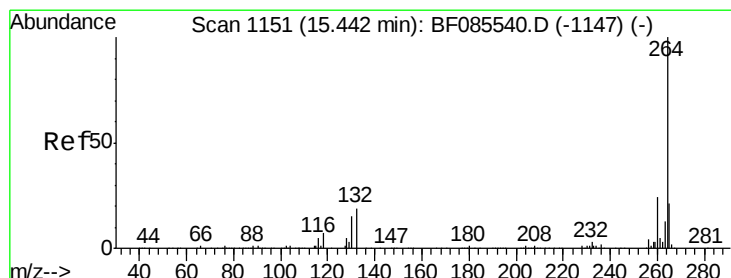
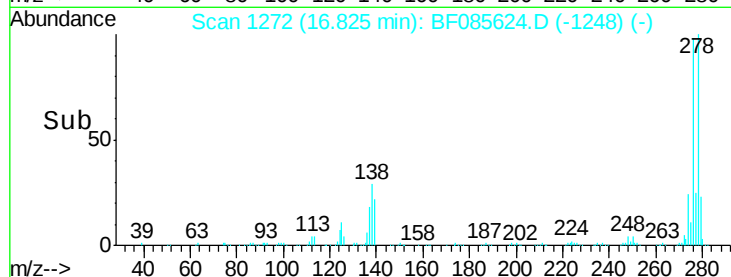
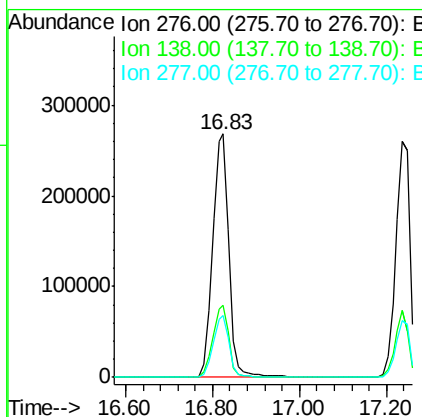
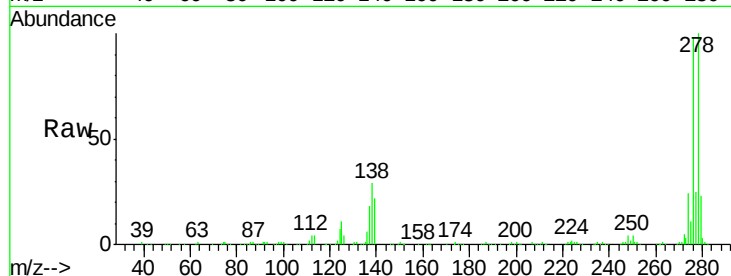
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.24 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	713490		
138	29.7	24.2	36.4	
277	25.1	20.0	30.0	

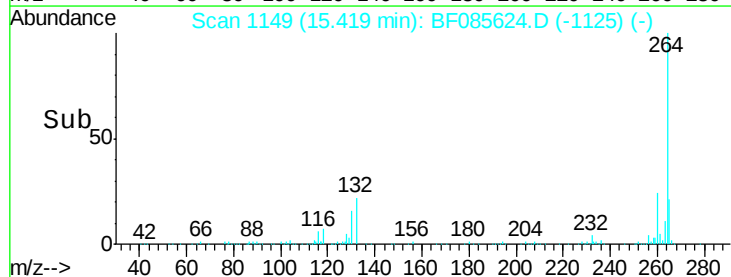
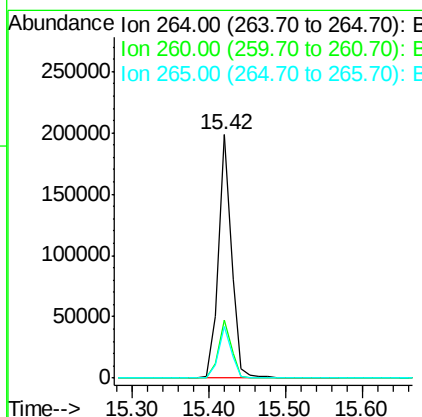
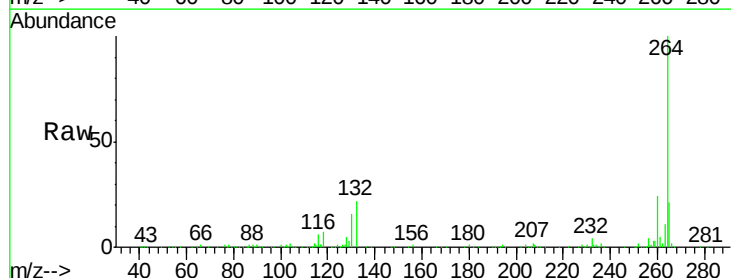
Manual Integrations
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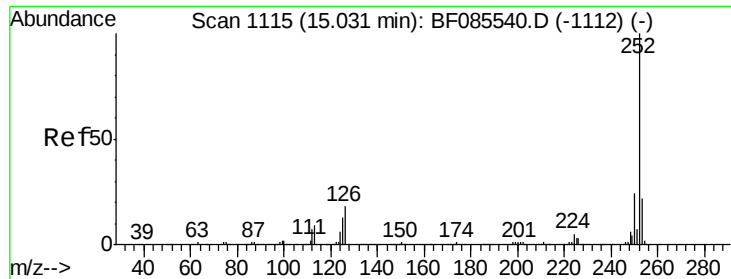
Sohil
 3/22/2016 5:33:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	236899		
260	24.0	19.4	29.2	
265	21.2	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 45.36 ng m

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

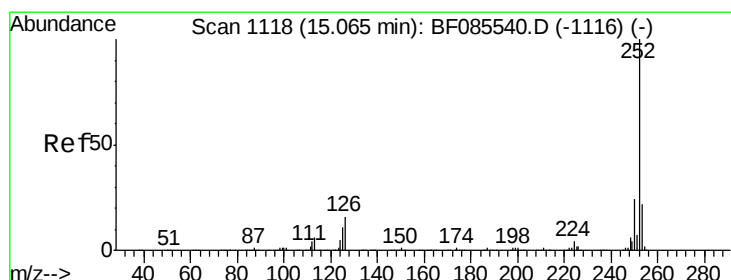
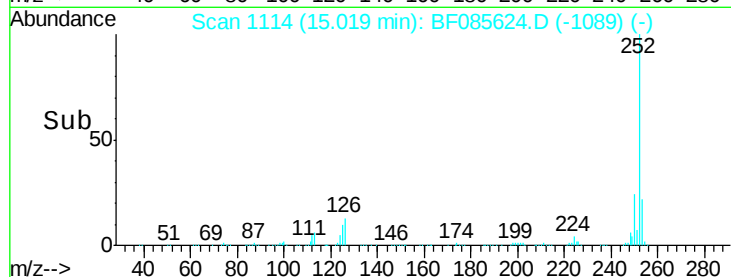
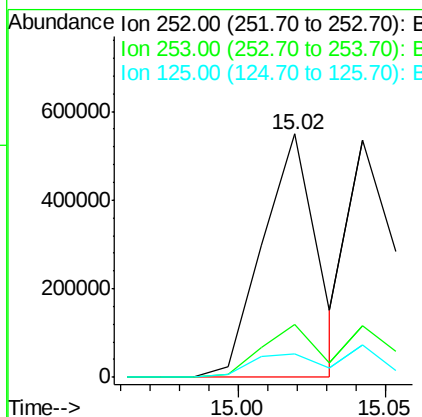
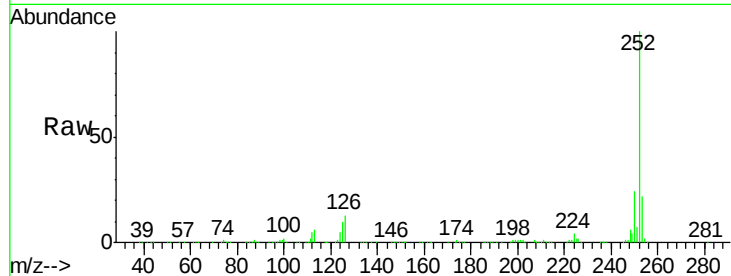
ClientSampleId :

SB-1(8-9)MS

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.6	26.4	
125	9.8	10.3	15.5#	

Manual Integrations
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3/22/2016 5:33:32 PM



#88

Benzo(k)fluoranthene

Concen: 45.71 ng m

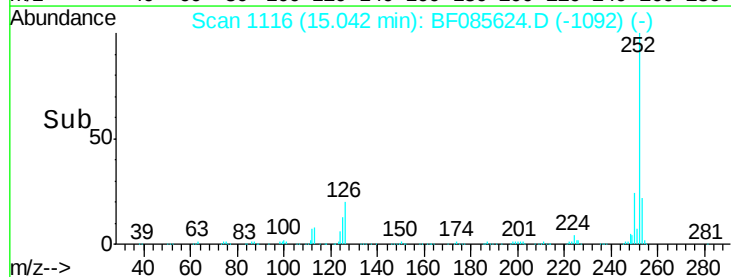
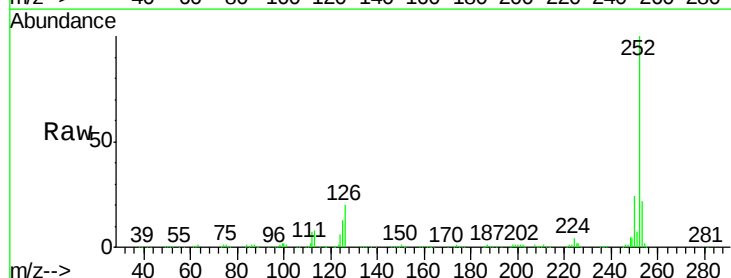
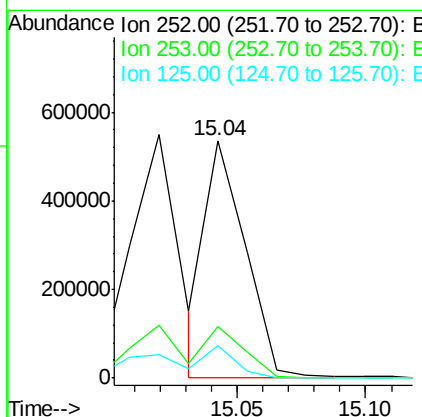
RT: 15.04 min Scan# 1116

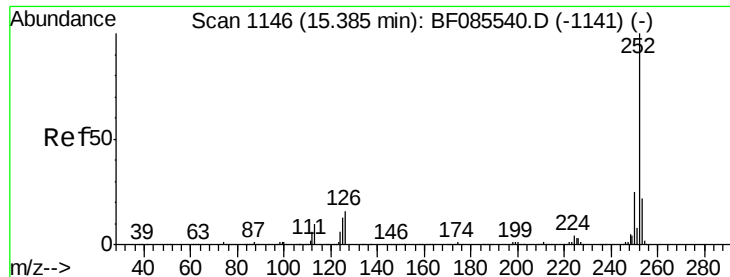
Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.6	17.8	26.6	
125	13.4	7.7	11.5#	





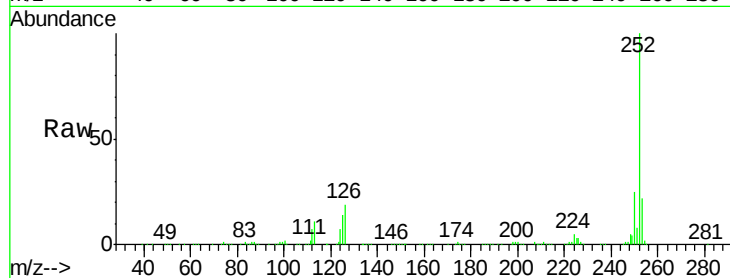
#89
Benzo(a)pyrene
Concen: 46.51 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

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

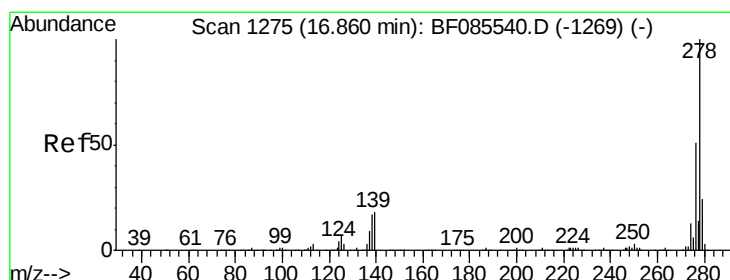
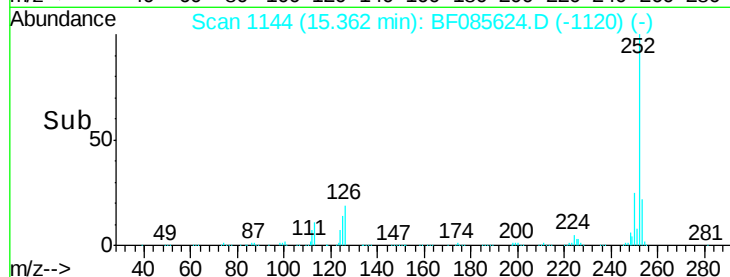
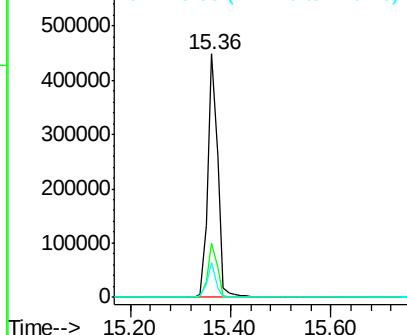
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.5	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/22/2016 5:33:32 PM



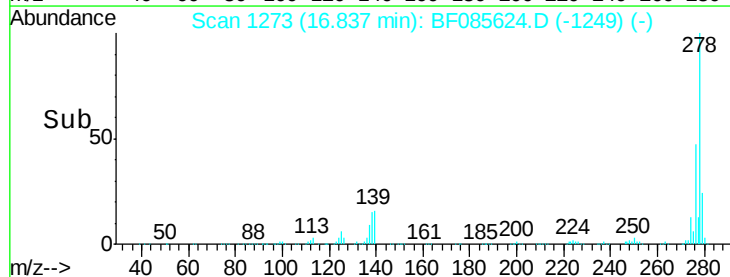
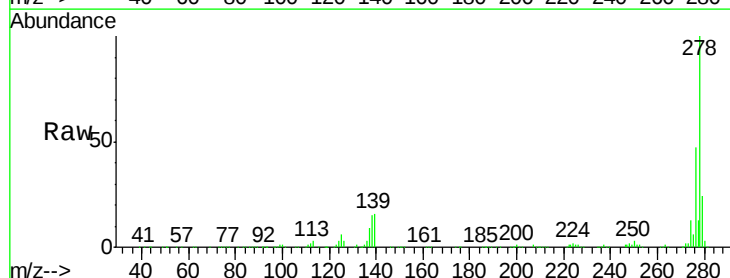
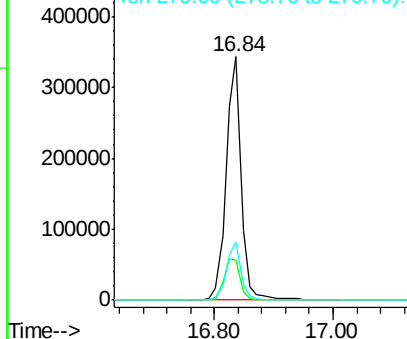
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

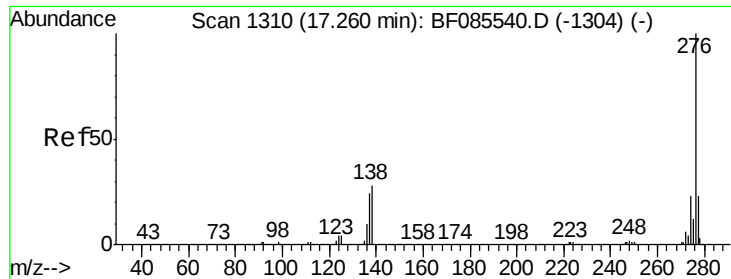


#90
Dibenzo(a,h)anthracene
Concen: 55.19 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.4	21.6
279	23.8	19.1	28.7

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





#91
 Benzo(g,h,i)perylene
 Concen: 58.10 ng
 RT: 17.24 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

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

Tgt Ion:	276	Resp:	614692
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	28.1	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:33:32 PM

