

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085857.D
 Acq On : 29 Mar 2016 19:08
 Operator : UM/SJ
 Sample : H1970-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:05:03 PM

Quant Time: Mar 30 01:14:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111767	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	468561	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	215179	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	400211	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	302642	20.00	ng	-0.01
86) Perylene-d12	15.39	264	211711	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	862993	128.59	ng	0.00
7) Phenol-d6	6.45	99	1241369	145.48	ng	-0.01
23) Nitrobenzene-d5	7.37	82	770437	92.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	288394	141.06	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1169997	90.84	ng	-0.02
78) Terphenyl-d14	12.92	244	1058327	71.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	130452	40.71	ng	99
3) Pyridine	3.12	79	373134	48.57	ng	99
4) n-Nitrosodimethylamine	3.08	42	154943	50.38	ng	98
6) Aniline	6.47	93	419918	36.56	ng	# 64
8) 2-Chlorophenol	6.60	128	392418	50.33	ng	98
9) Benzaldehyde	6.36	77	43399	8.44	ng	98
10) Phenol	6.47	94	421011	43.55	ng	# 71
11) bis(2-Chloroethyl)ether	6.55	93	373996m	50.27	ng	
12) 1,3-Dichlorobenzene	6.74	146	374923	44.65	ng	# 93
13) 1,4-Dichlorobenzene	6.82	146	399140	46.87	ng	96
14) 1,2-Dichlorobenzene	6.97	146	343345	43.26	ng	94
15) Benzyl Alcohol	6.96	79	299317	52.58	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	431894	43.76	ng	95
17) 2-Methylphenol	7.08	107	330395	52.93	ng	99
18) Hexachloroethane	7.32	117	139564	44.76	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	241440	47.26	ng	93
20) 3+4-Methylphenols	7.22	107	350920	46.76	ng	98
22) Acetophenone	7.22	105	474146	43.44	ng	# 98
24) Nitrobenzene	7.40	77	412900	48.14	ng	96
25) Isophorone	7.64	82	727070	45.36	ng	98
26) 2-Nitrophenol	7.72	139	220470	51.38	ng	95
27) 2,4-Dimethylphenol	7.75	122	338426	45.12	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	458561	50.21	ng	99
29) 2,4-Dichlorophenol	7.96	162	307707	48.80	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	318318	45.47	ng	98
31) Naphthalene	8.12	128	1069229	45.29	ng	100
32) Benzoic acid	7.75	122	338426	67.94	ng	# 15
33) 4-Chloroaniline	8.17	127	276259	28.66	ng	97
34) Hexachlorobutadiene	8.23	225	156117	41.03	ng	99
35) Caprolactam	8.55	113	103348m	46.27	ng	
36) 4-Chloro-3-methylphenol	8.66	107	362278	49.19	ng	92
37) 2-Methylnaphthalene	8.80	142	704169	53.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270732	42.43	ng	98
40) Hexachlorocyclopentadiene	8.96	237	220205	82.48	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	199276	46.24	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	217679	48.16	ng	97
45) 1,1'-Biphenyl	9.27	154	748764	41.24	ng	98
46) 2-Chloronaphthalene	9.29	162	596716	44.69	ng	# 90
47) 2-Nitroaniline	9.40	65	197018	48.26	ng	93
48) Acenaphthylene	9.72	152	1029752	47.33	ng	99
49) Dimethylphthalate	9.58	163	887973	54.39	ng	100
50) 2,6-Dinitrotoluene	9.65	165	176958	50.36	ng	# 60
51) Acenaphthene	9.89	154	609506	45.87	ng	100
52) 3-Nitroaniline	9.81	138	144327	35.88	ng	94
53) 2,4-Dinitrophenol	9.92	184	76693	45.98	ng	# 81
54) Dibenzofuran	10.06	168	894605	52.01	ng	97
55) 4-Nitrophenol	9.99	139	262041	100.00	ng	# 74
56) 2,4-Dinitrotoluene	10.05	165	209148	46.83	ng	# 62
57) Fluorene	10.40	166	682087	47.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154225	49.10	ng	98
59) Diethylphthalate	10.28	149	736586	45.67	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	329023	47.07	ng	89
61) 4-Nitroaniline	10.42	138	179614	46.69	ng	89
62) Azobenzene	10.55	77	809607	52.23	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	108839	46.44	ng	# 76
65) n-Nitrosodiphenylamine	10.52	169	630315	49.73	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	200122	48.88	ng	# 87
67) Hexachlorobenzene	10.95	284	217844	50.87	ng	# 91
68) Atrazine	11.04	200	199018	46.50	ng	99
69) Pentachlorophenol	11.14	266	211805	100.76	ng	100
70) Phenanthrene	11.36	178	1057147	51.44	ng	99
71) Anthracene	11.41	178	948102	43.95	ng	100
72) Carbazole	11.57	167	960822	53.05	ng	100
73) Di-n-butylphthalate	11.90	149	1179716	47.47	ng	99
74) Fluoranthene	12.54	202	923300	42.27	ng	97
76) Benzidine	12.67	184	391626	36.74	ng	98
77) Pyrene	12.77	202	943514	37.93	ng	99
79) Butylbenzylphthalate	13.39	149	420435	40.36	ng	# 73
80) Benzo(a)anthracene	13.96	228	759046	43.99	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	160543	13.40	ng	# 97
82) Chrysene	13.99	228	652934	37.56	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	514729	41.26	ng	# 98
84) Di-n-octyl phthalate	14.55	149	844807	45.55	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	616435	45.93	ng	99
87) Benzo(b)fluoranthene	14.99	252	710157m	53.25	ng	
88) Benzo(k)fluoranthene	15.01	252	484732m	40.32	ng	
89) Benzo(a)pyrene	15.33	252	566628	47.85	ng	# 97
90) Dibenzo(a,h)anthracene	16.78	278	520178	47.28	ng	96
91) Benzo(g,h,i)perylene	17.18	276	518644	46.55	ng	98

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

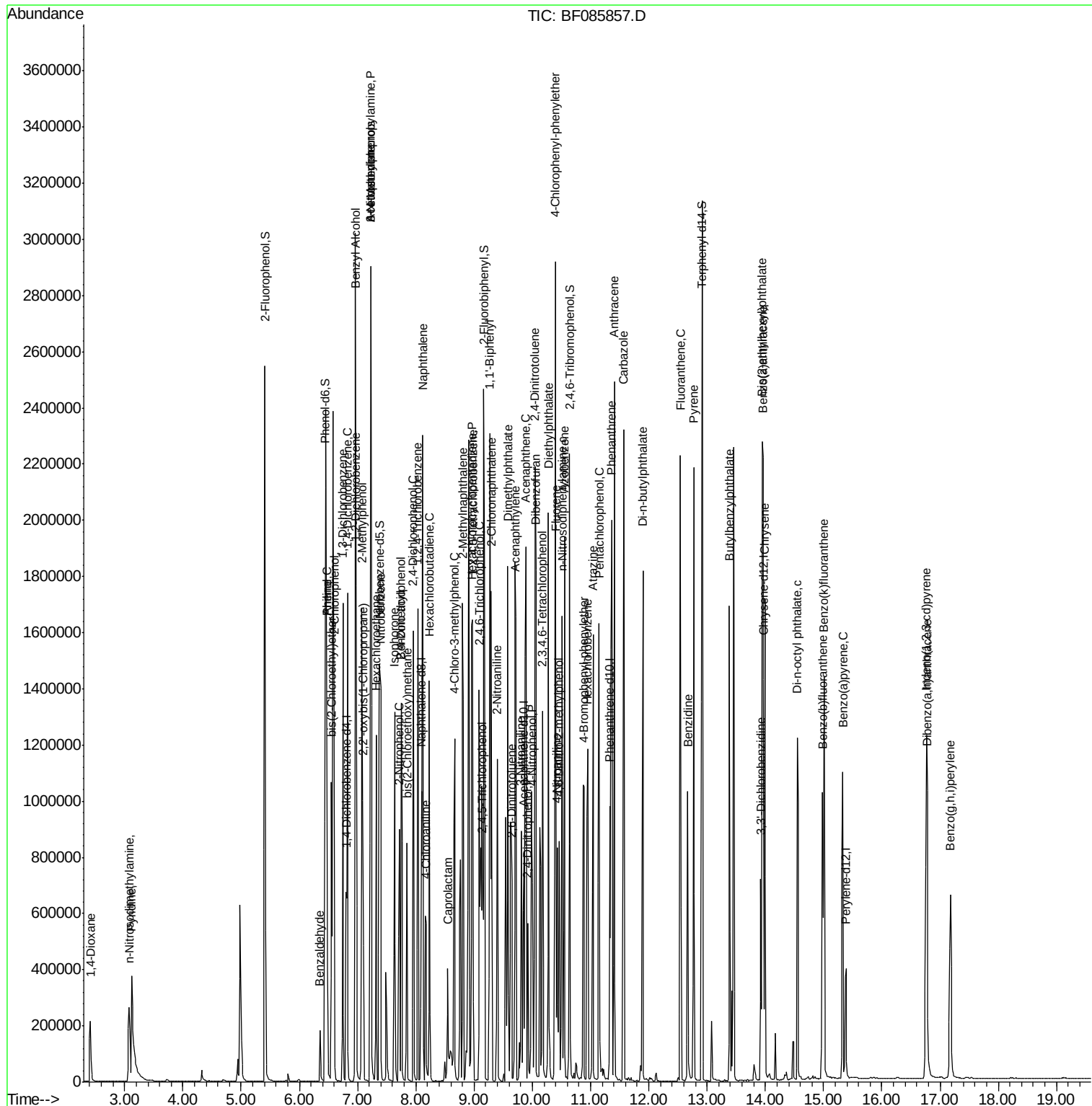
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\  
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Acq On    : 29 Mar 2016   19:08  
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Sample    : H1970-07MS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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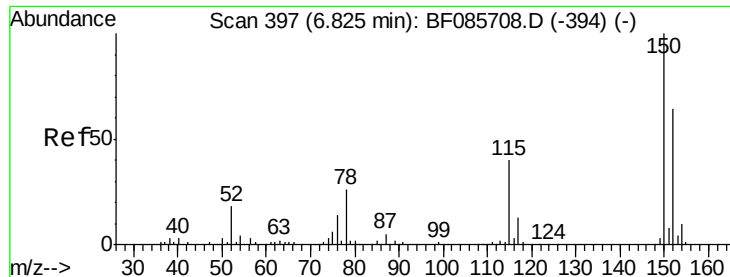
Instrument :
BNA_F
ClientSampleId :
TP-7MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

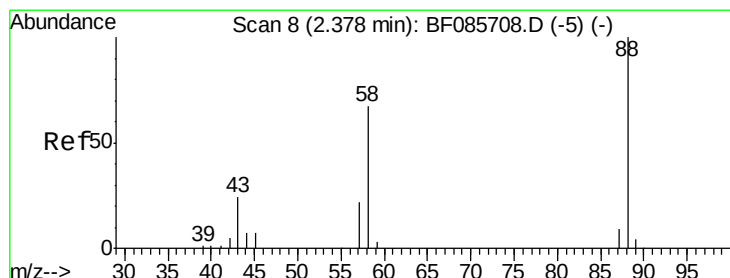
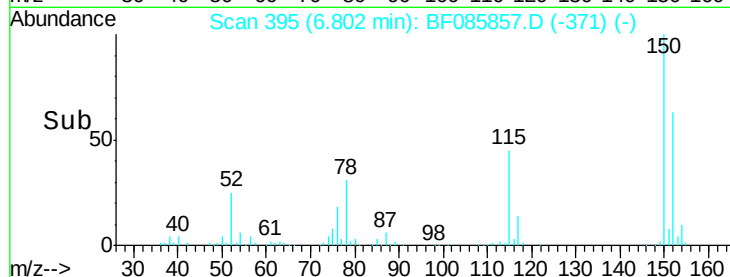
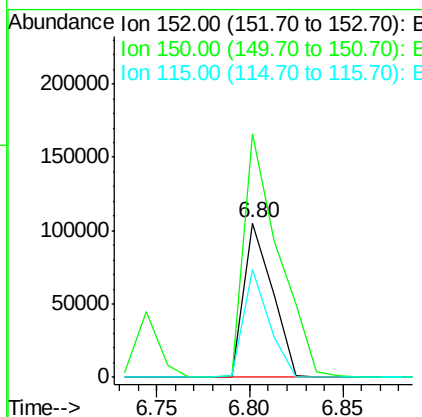
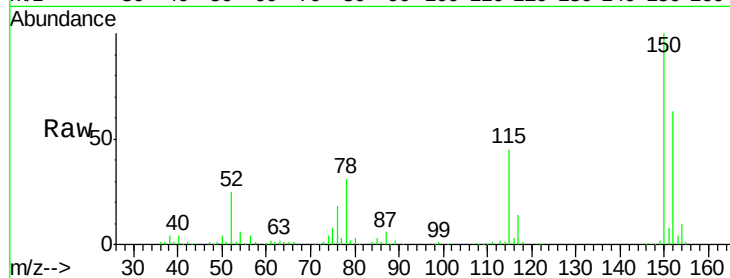
ClientSampleId :

TP-7MS

Tgt Ion:	152	Resp:	111767
Ion Ratio	Lower	Upper	
152	100		
150	157.9	124.2	186.2
115	70.4	47.0	70.6

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#2

1,4-Dioxane

Concen: 40.71 ng

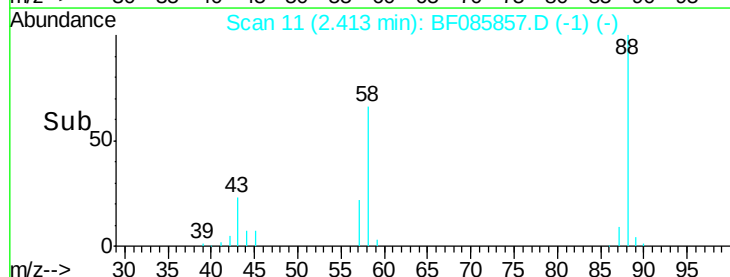
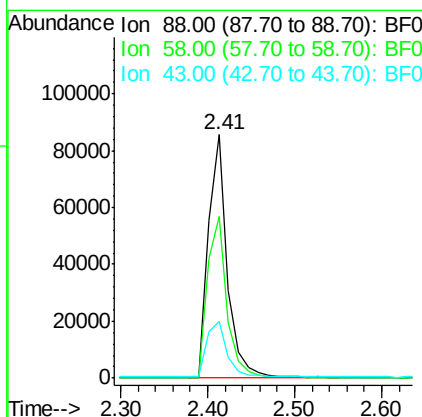
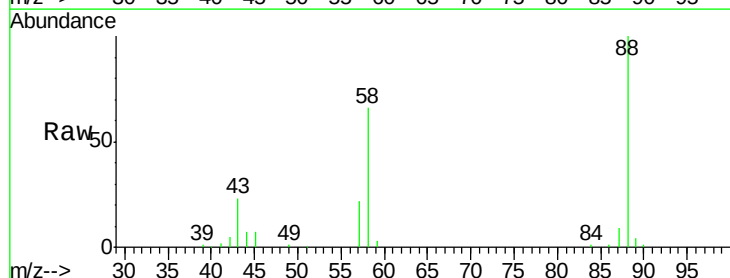
RT: 2.41 min Scan# 11

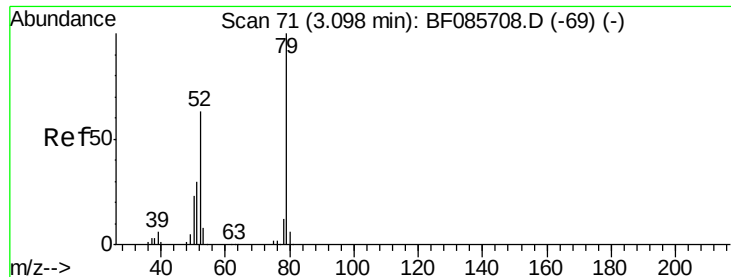
Delta R.T. 0.03 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	88	Resp:	130452
Ion Ratio	Lower	Upper	
88	100		
58	68.5	54.2	81.2
43	24.8	19.3	28.9





#3

Pyridine

Concen: 48.57 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

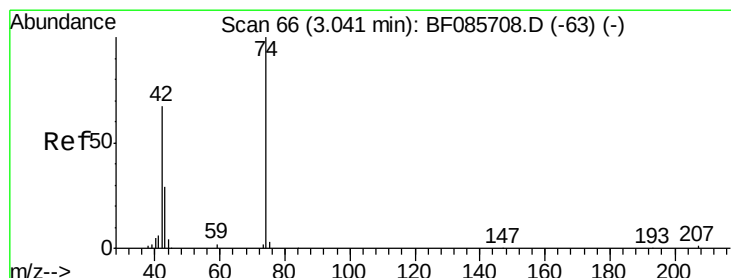
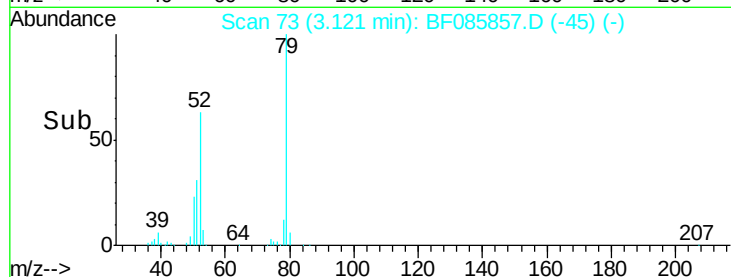
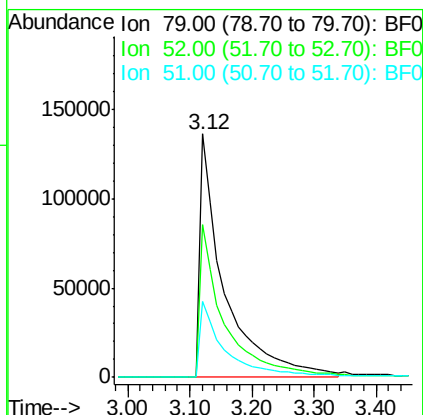
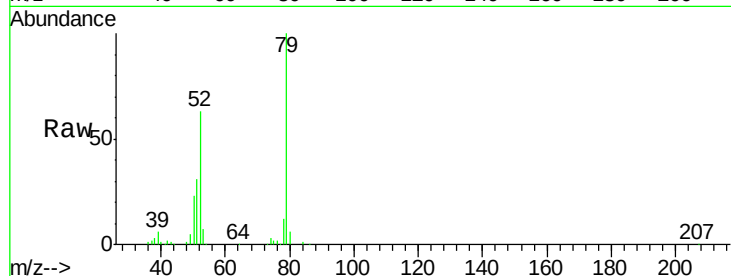
ClientSampleId :

TP-7MS

Tgt Ion:	79	Resp:	373134
Ion	Ratio	Lower	Upper
79	100		
52	62.9	49.8	74.6
51	31.0	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 50.38 ng

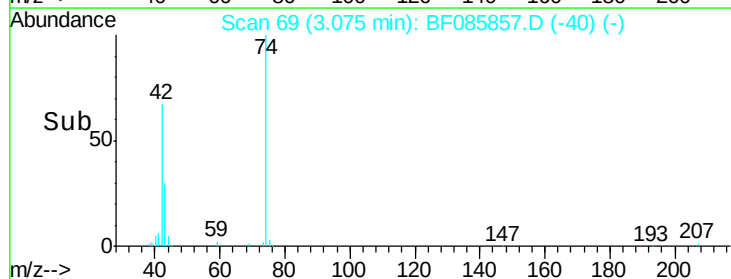
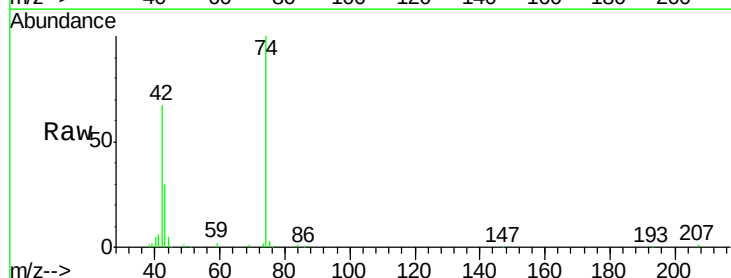
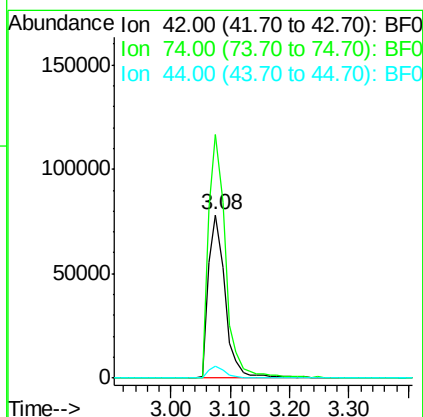
RT: 3.08 min Scan# 69

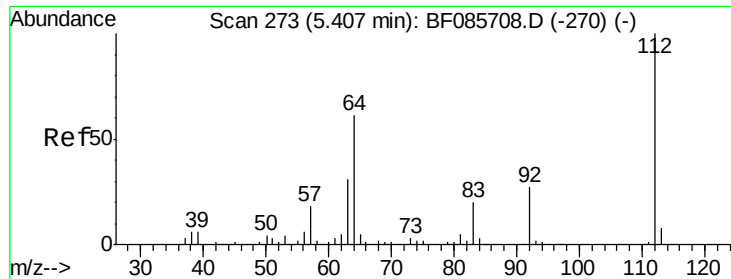
Delta R.T. 0.03 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	42	Resp:	154943
Ion	Ratio	Lower	Upper
42	100		
74	148.8	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 128.59 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085857.D

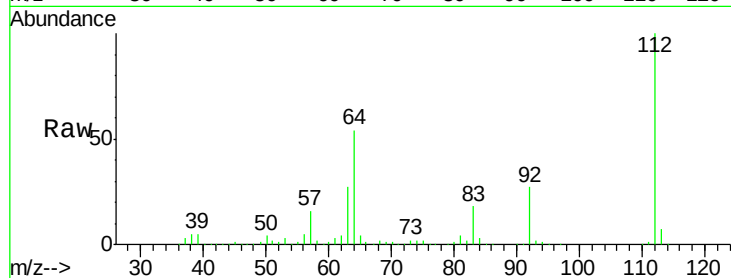
Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

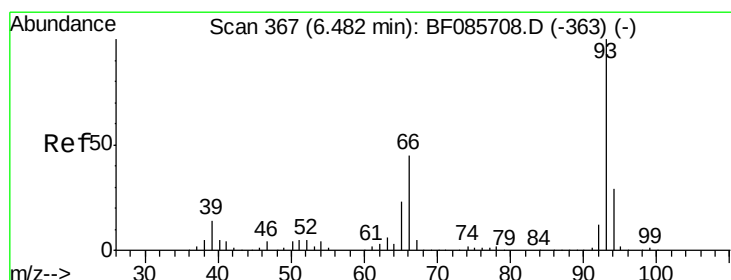
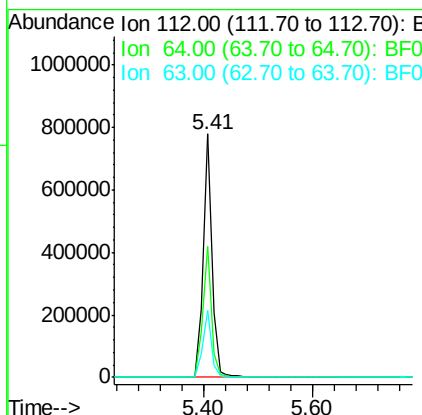
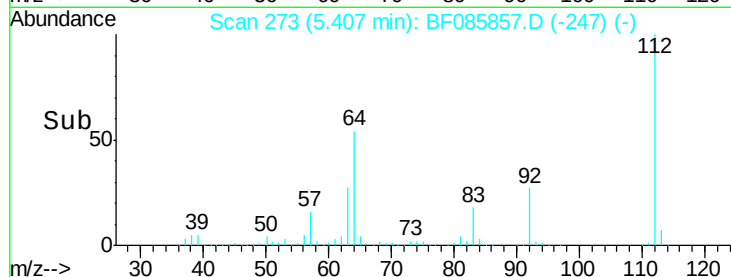
TP-7MS



Tgt Ion:	112	Resp:	862993
Ion Ratio	Lower	Upper	
112	100		
64	53.9	39.9	59.9
63	27.5	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 36.56 ng

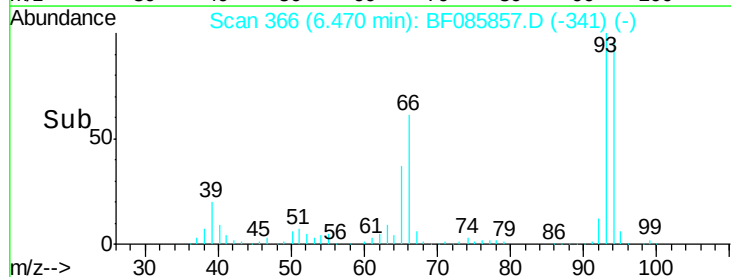
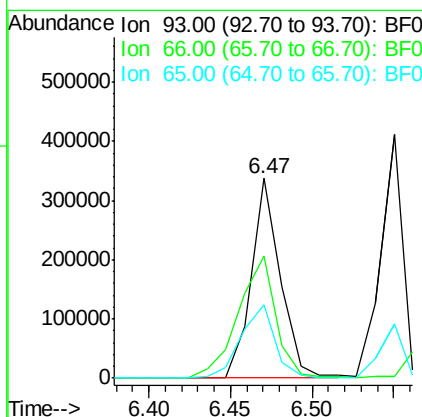
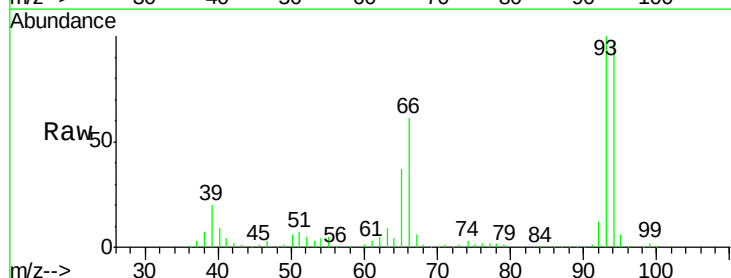
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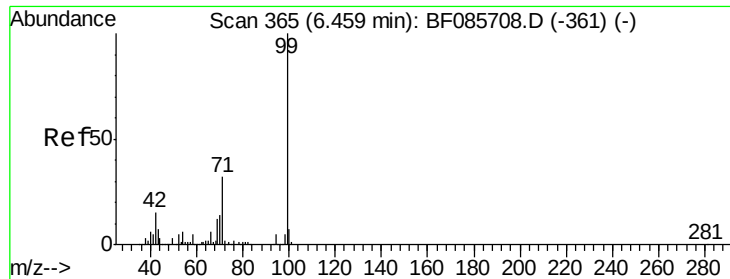
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	93	Resp:	419918
Ion Ratio	Lower	Upper	
93	100		
66	61.0	31.4	47.2#
65	36.9	15.7	23.5#





#7

Phenol-d6

Concen: 145.48 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion: 99 Resp: 1241369

Ion Ratio Lower Upper

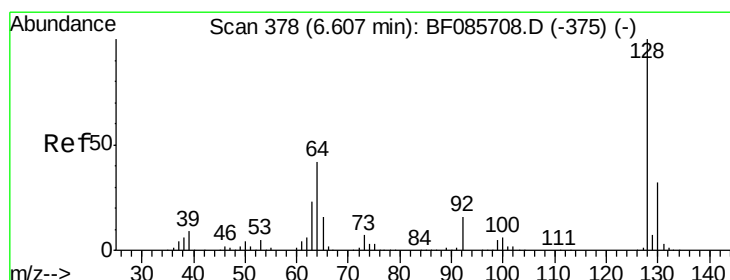
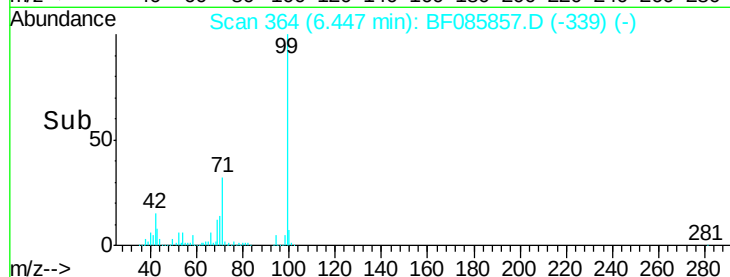
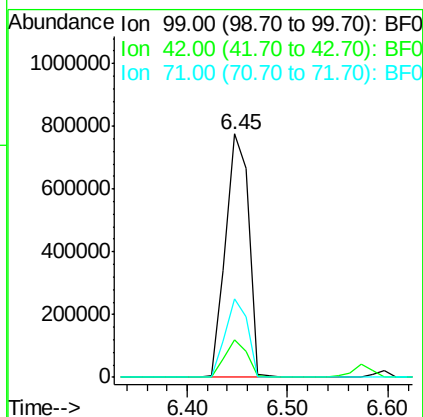
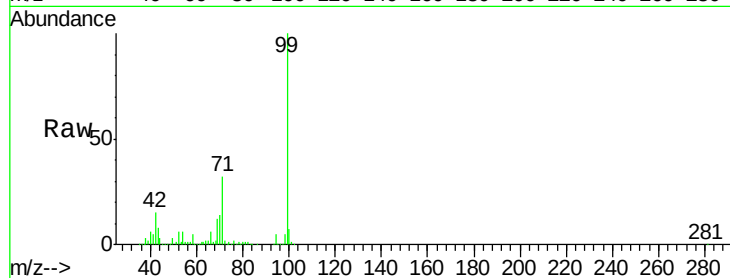
99 100

42 15.3 11.1 16.7

71 32.5 24.9 37.3

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#8

2-Chlorophenol

Concen: 50.33 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

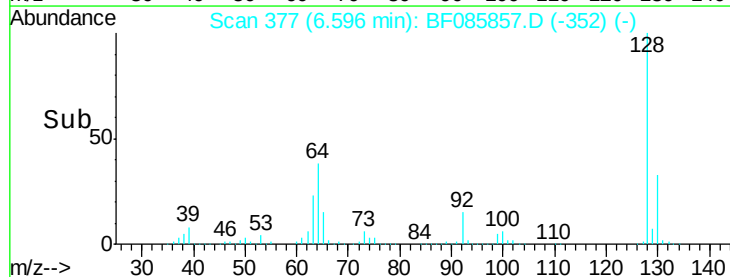
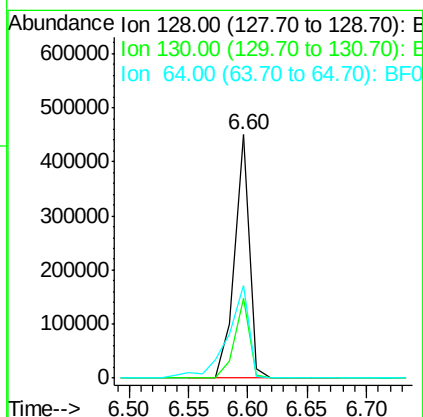
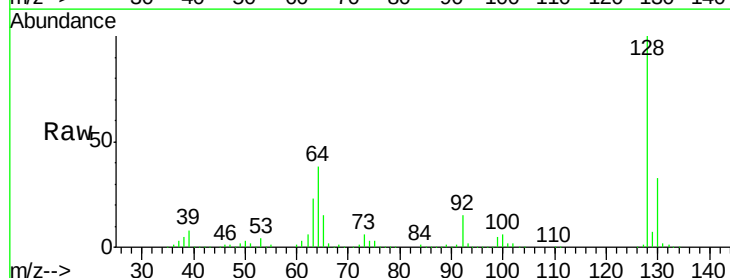
Tgt Ion: 128 Resp: 392418

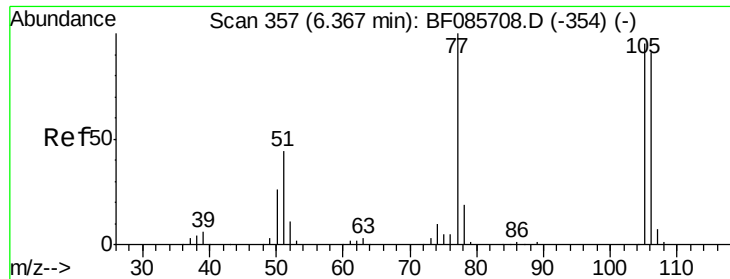
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 37.9 20.2 60.2





#9

Benzaldehyde

Concen: 8.44 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085857.D

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BNA_F

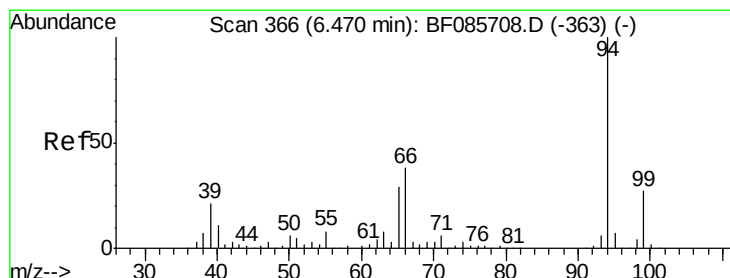
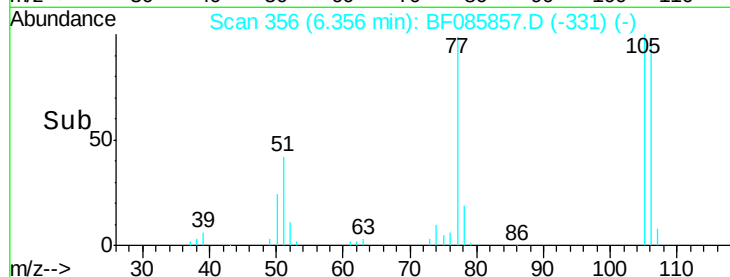
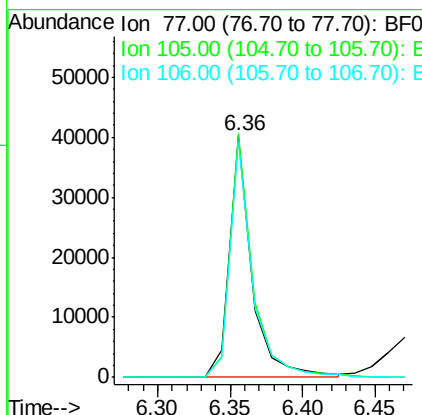
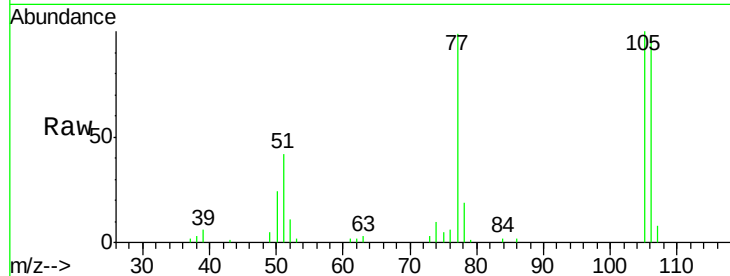
ClientSampleId :

TP-7MS

Tgt Ion:	77	Resp:	43399
Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.1	120.1
106	97.8	75.0	115.0

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#10

Phenol

Concen: 43.55 ng

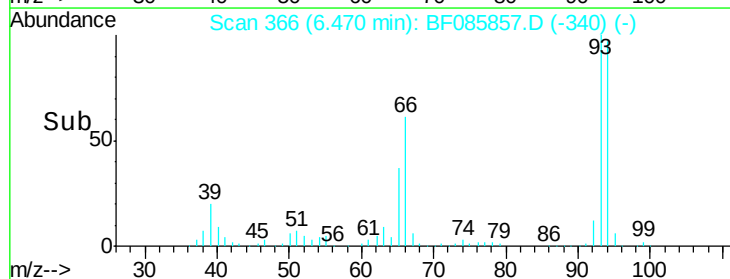
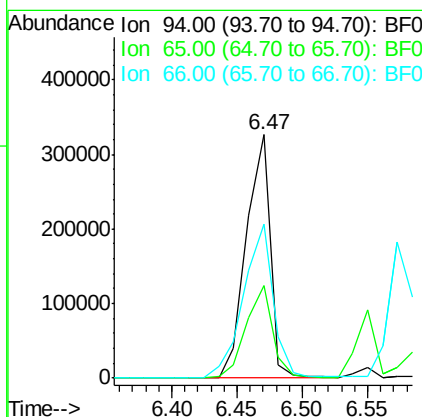
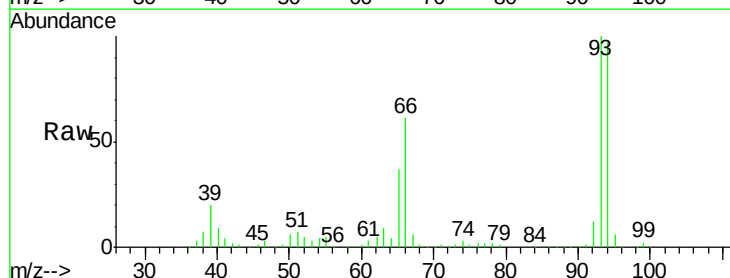
RT: 6.47 min Scan# 366

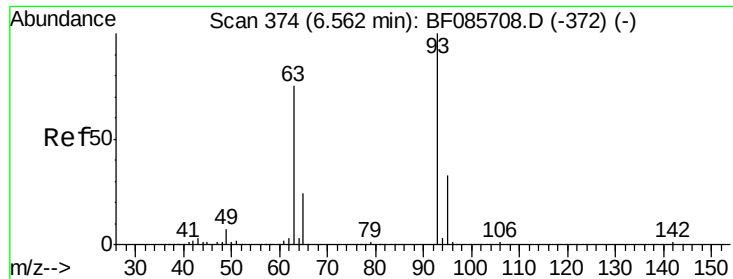
Delta R.T. -0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	94	Resp:	421011
Ion	Ratio	Lower	Upper
94	100		
65	38.1	8.6	48.6
66	63.1	20.0	60.0#





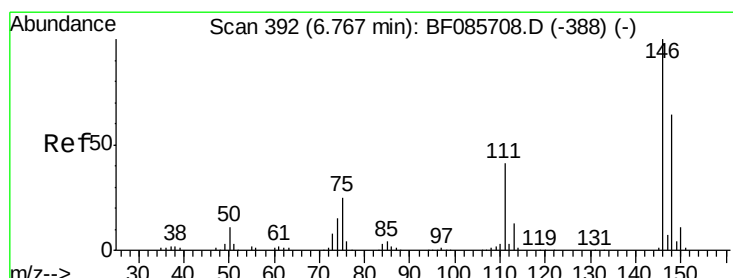
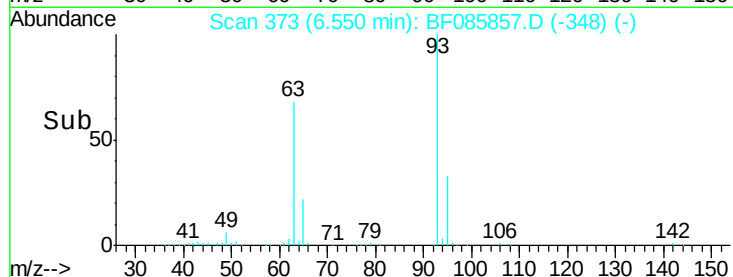
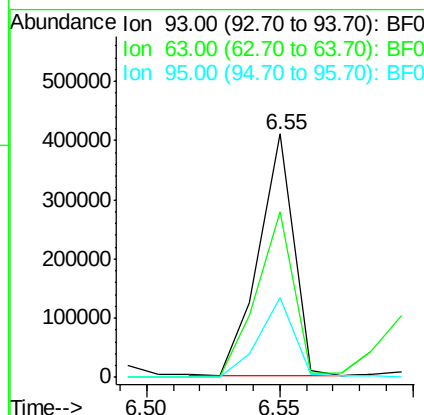
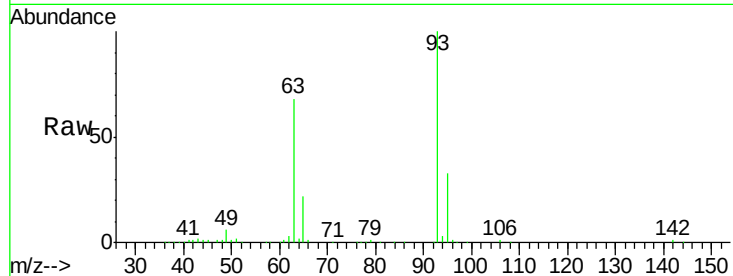
#11
 bis(2-Chloroethyl)ether
 Concen: 50.27 ng m
 RT: 6.55 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampled :
 TP-7MS

Tgt Ion:	93	Resp:	373996
Ion	Ratio	Lower	Upper
93	100		
63	68.1	50.9	90.9
95	32.7	13.3	53.3

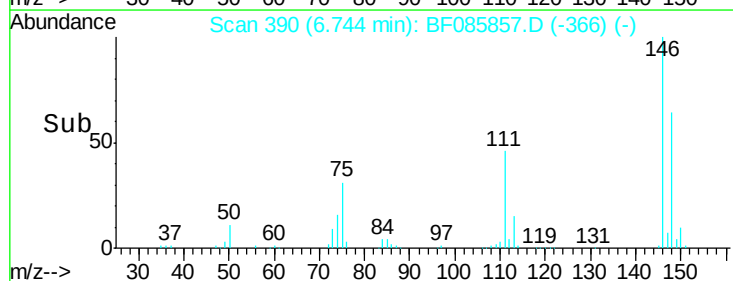
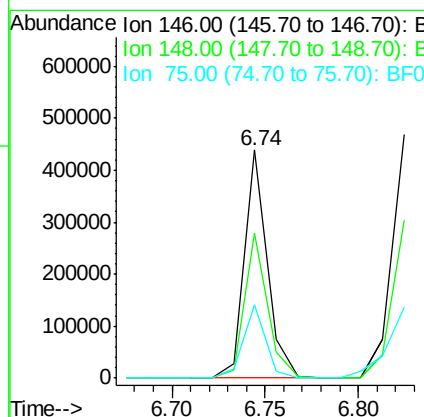
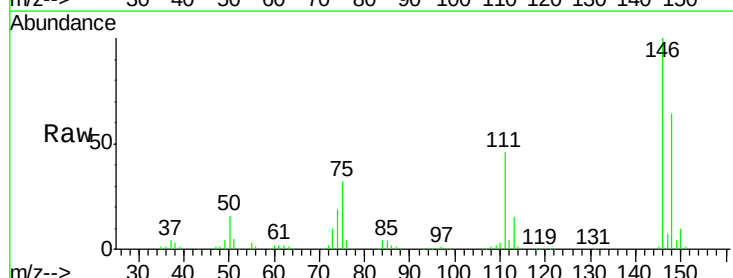
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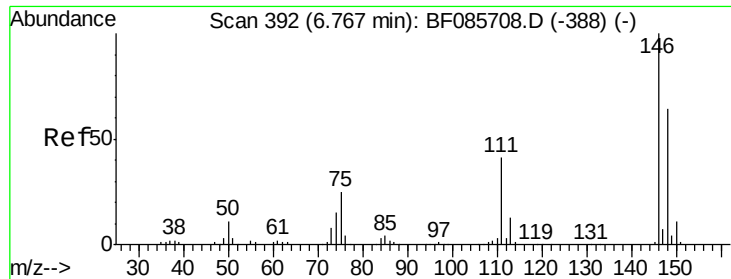
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 44.65 ng
 RT: 6.74 min Scan# 390
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:	146	Resp:	374923
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
75	32.2	17.4	26.2





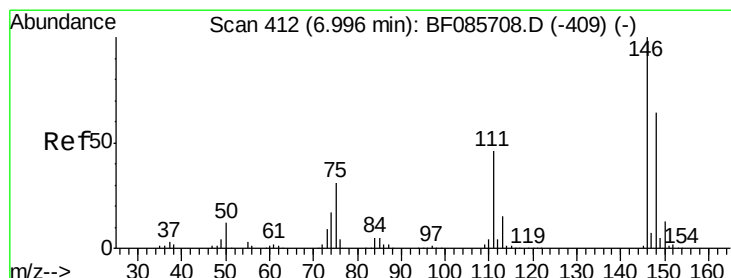
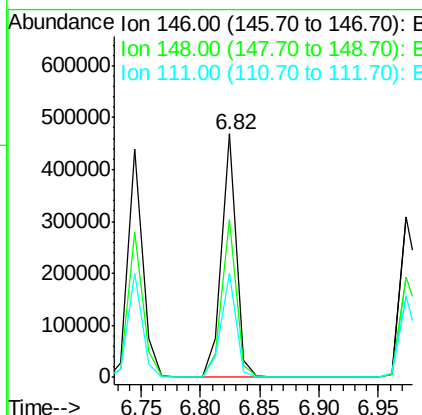
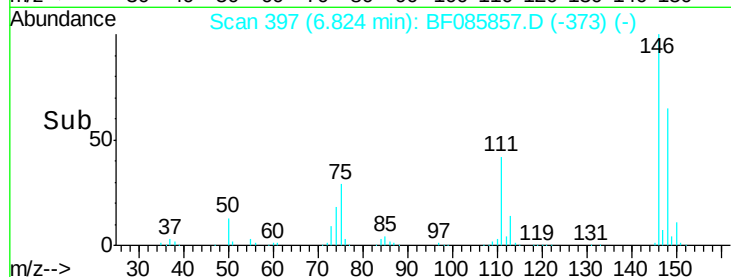
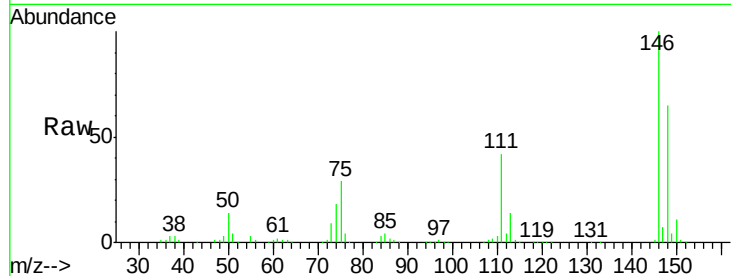
#13
 1,4-Dichlorobenzene
 Concen: 46.87 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampled :
 TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	399140		
148	65.1	50.6	76.0	
111	42.5	37.8	56.6	

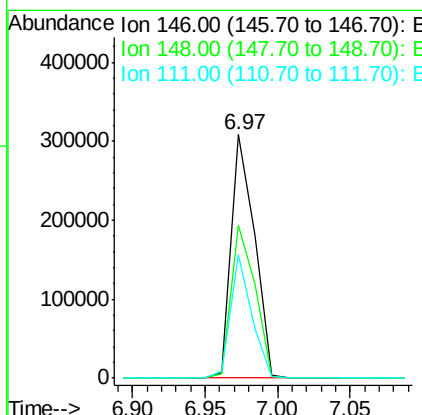
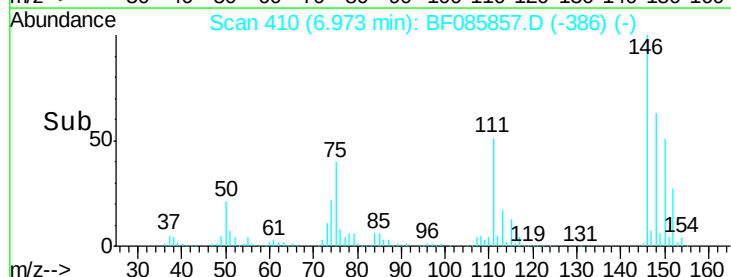
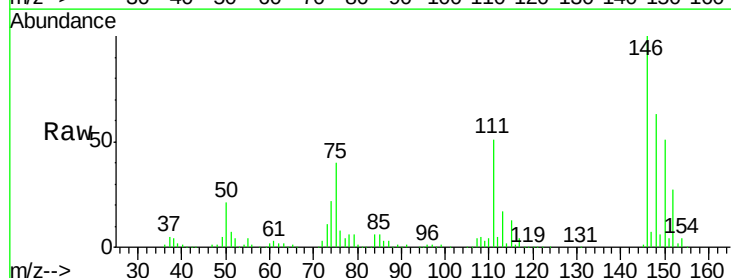
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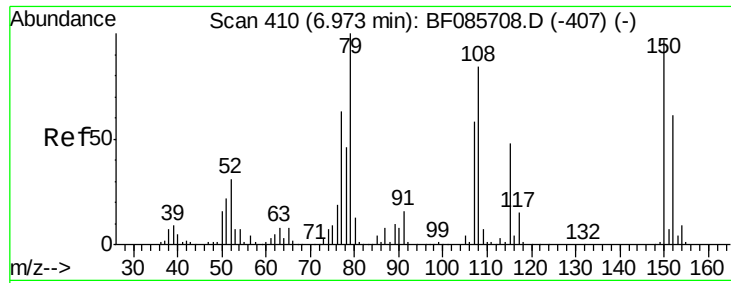
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.26 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	343345		
148	62.8	51.4	77.2	
111	50.7	34.6	52.0	





#15

Benzyl Alcohol

Concen: 52.58 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

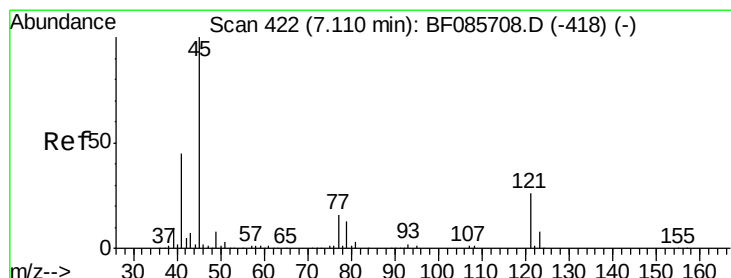
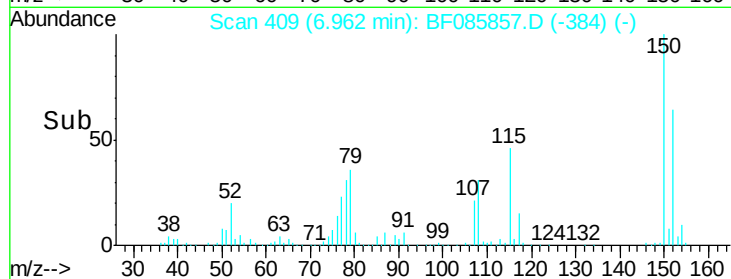
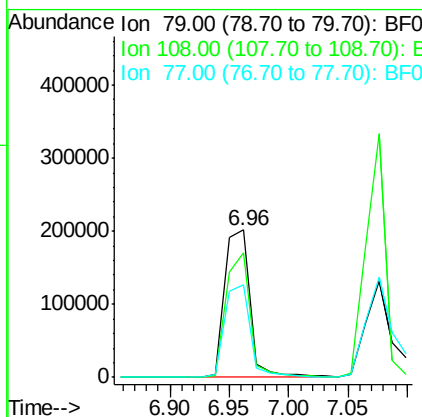
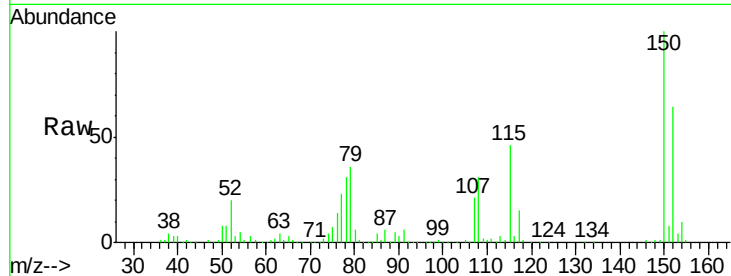
ClientSampled :

TP-7MS

Tgt Ion:	79	Resp:	299317
Ion Ratio	Lower	Upper	
79	100		
108	84.6	61.8	92.6
77	62.4	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.76 ng

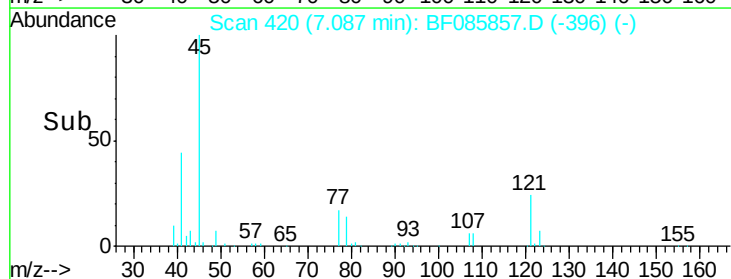
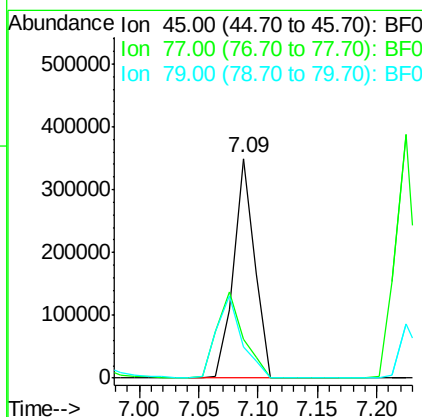
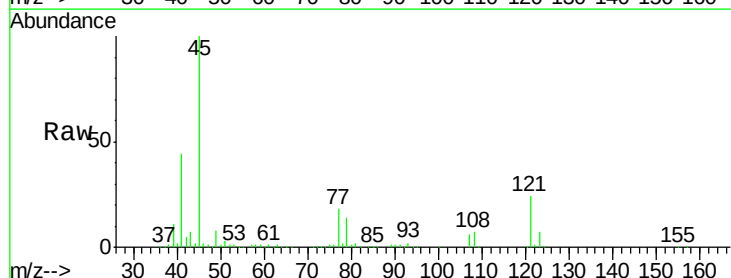
RT: 7.09 min Scan# 420

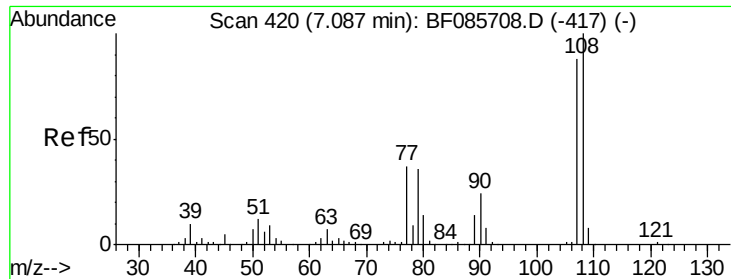
Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	45	Resp:	431894
Ion Ratio	Lower	Upper	
45	100		
77	17.9	0.0	35.7
79	14.0	0.0	32.2





#17

2-Methylphenol

Concen: 52.93 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

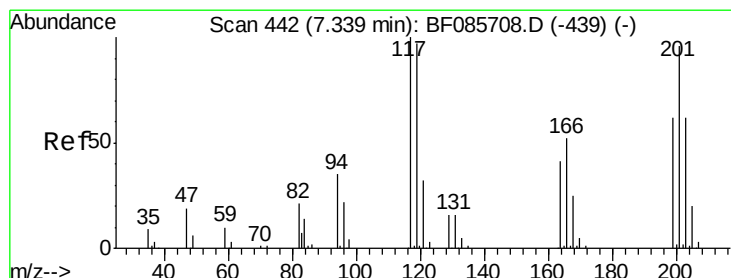
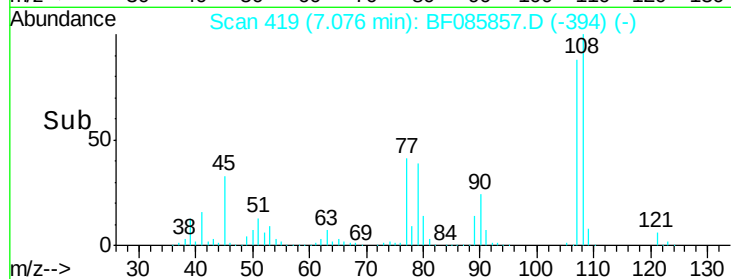
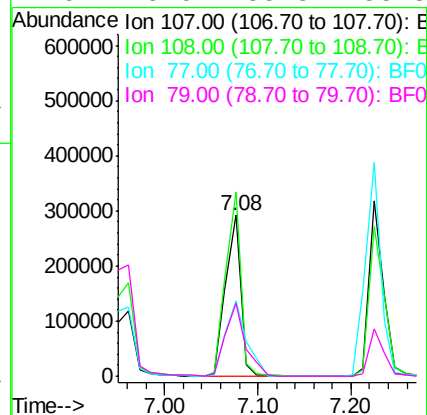
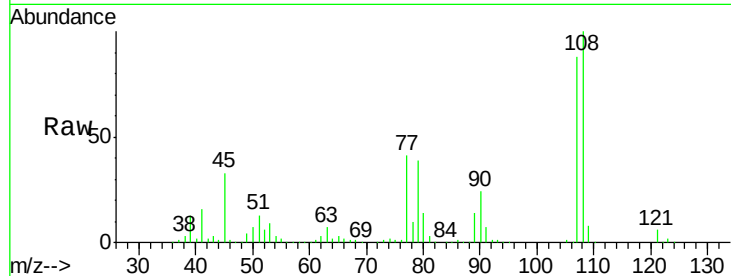
ClientSampled :

TP-7MS

Tgt Ion:	107	Resp:	330395
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.4	137.0
77	46.8	36.2	54.2
79	45.0	35.8	53.8

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#18

Hexachloroethane

Concen: 44.76 ng

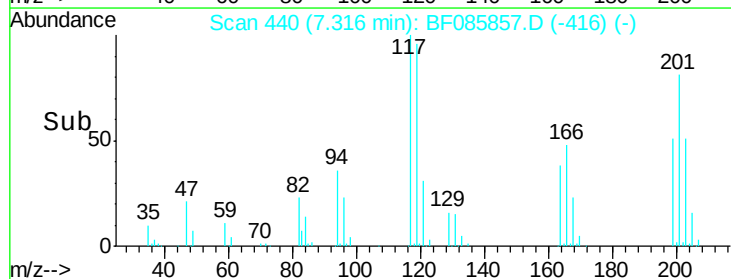
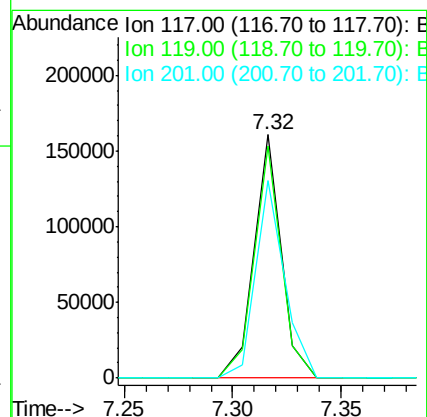
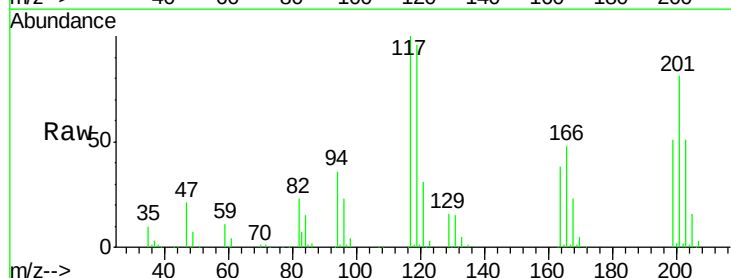
RT: 7.32 min Scan# 440

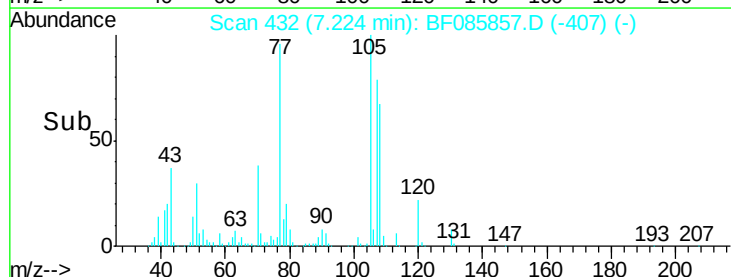
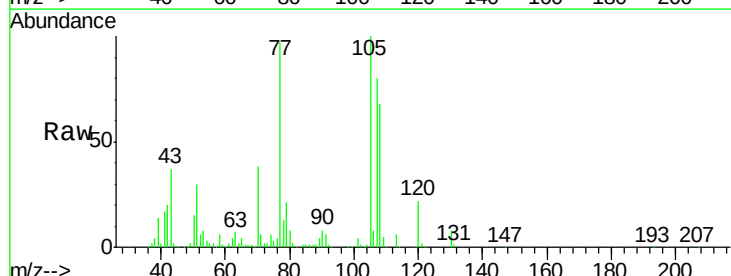
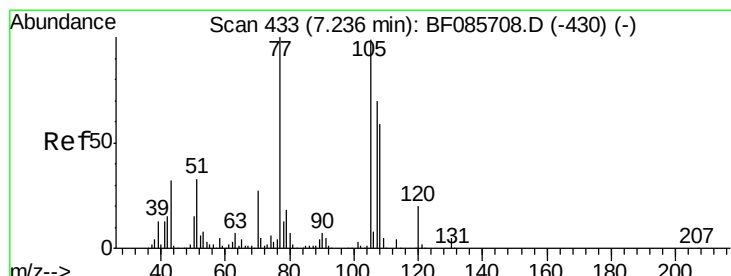
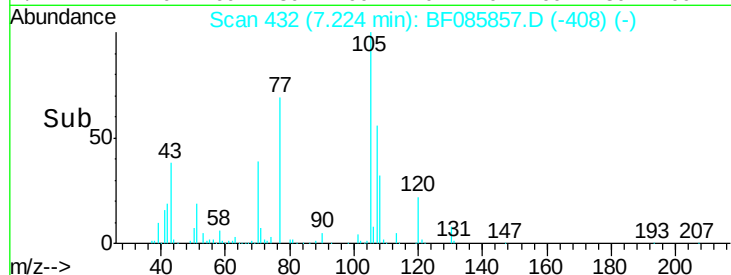
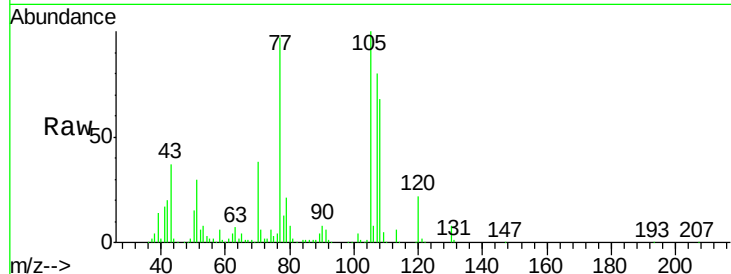
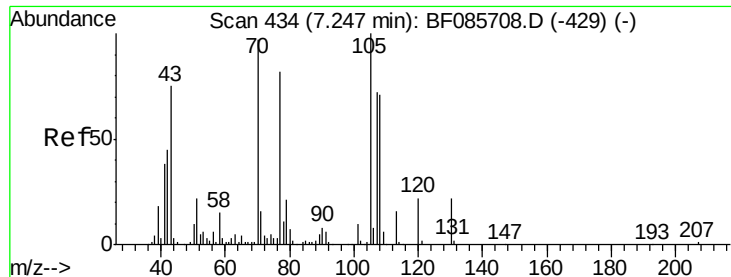
Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	117	Resp:	139564
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.7	115.1
201	81.0	83.3	124.9#





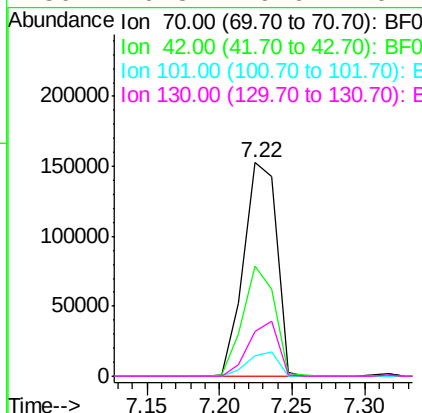
#19
n-Nitroso-di-n-propylamine
Concen: 47.26 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.5	37.1	55.7	
101	9.6	8.6	12.8	
130	20.8	19.6	29.4	

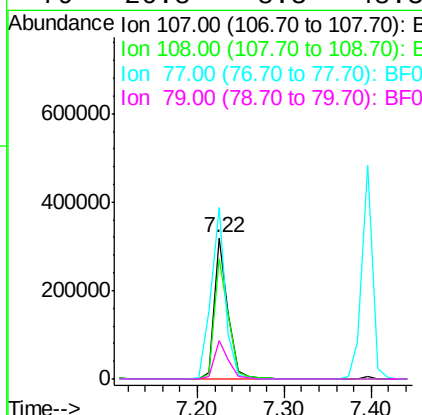
Manual Integrations
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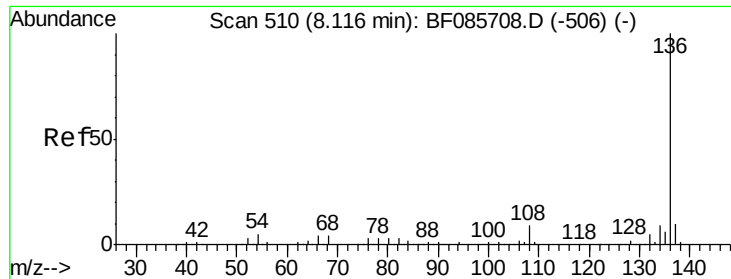
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#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	69.3	109.3	
77	121.5	101.7	141.7	
79	26.8	8.3	48.3	





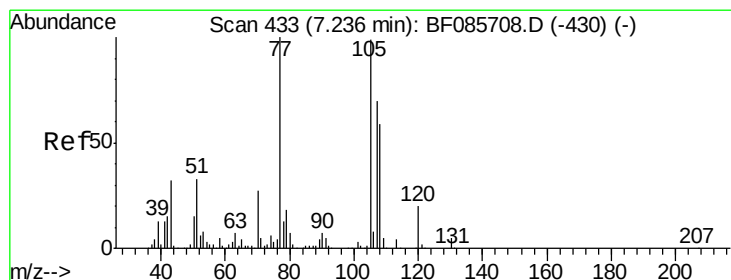
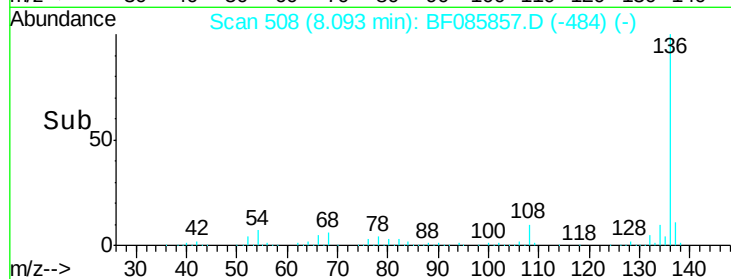
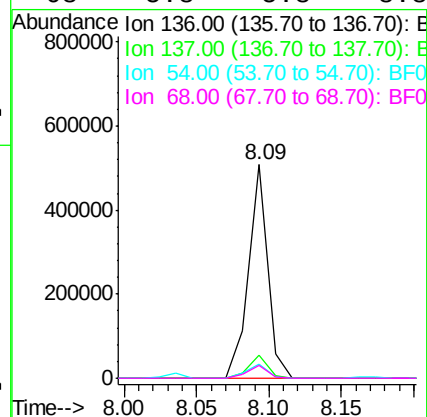
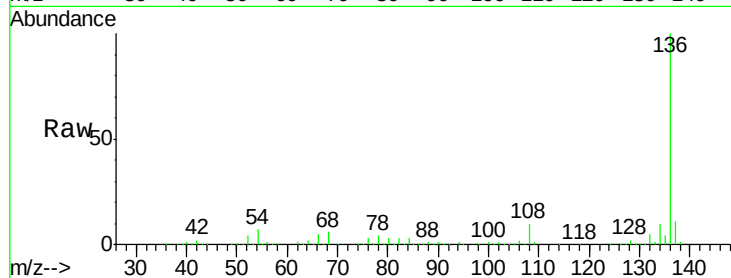
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	468561		
137	11.1	9.1	13.7	
54	6.8	7.4	11.0	
68	5.8	5.8	8.8	

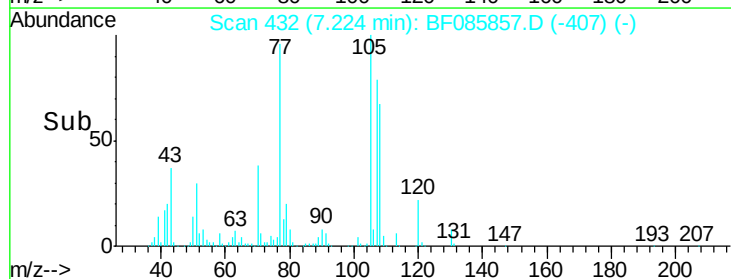
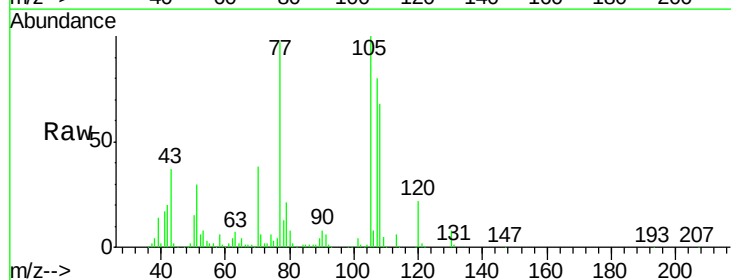
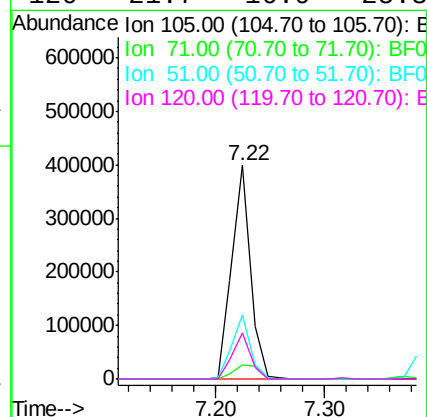
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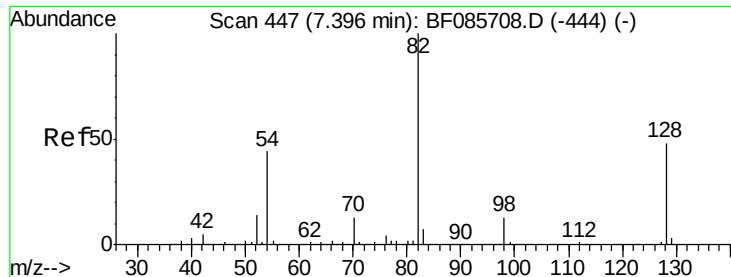
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#22
Acetophenone
Concen: 43.44 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474146		
71	6.5	3.6	5.4	
51	30.2	25.4	38.0	
120	21.7	16.9	25.3	





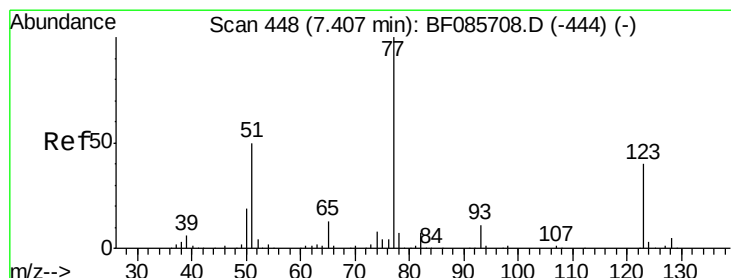
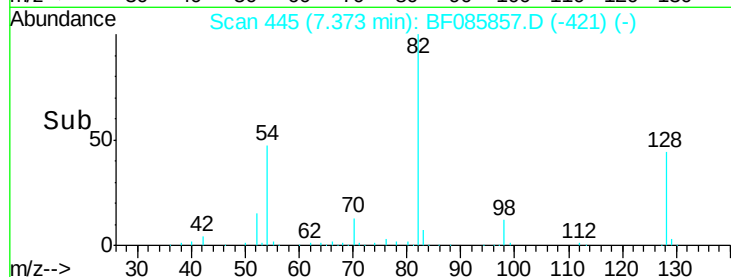
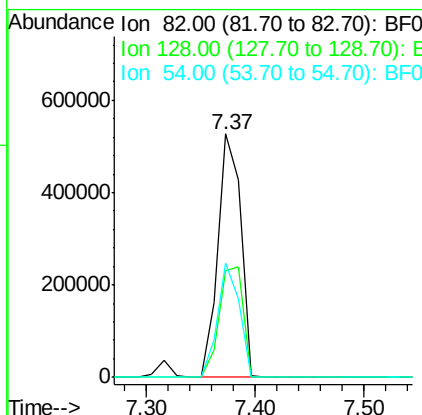
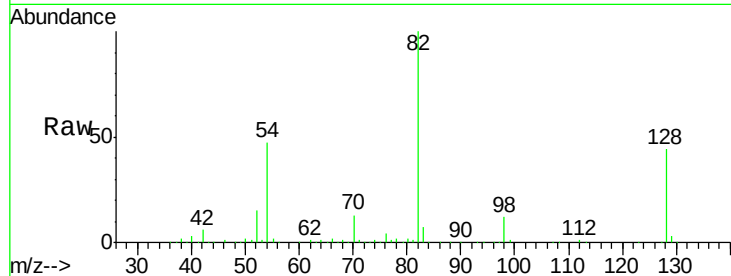
#23
 Nitrobenzene-d5
 Concen: 92.59 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	41.8	62.8
54	46.7	33.4	50.0

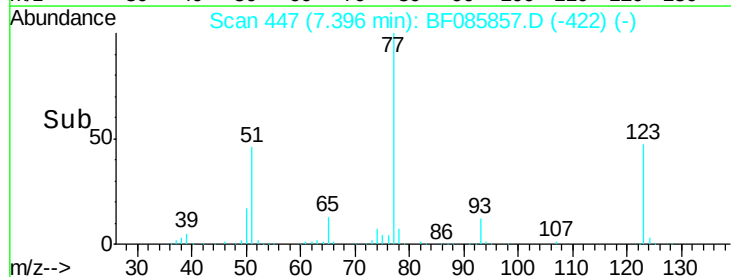
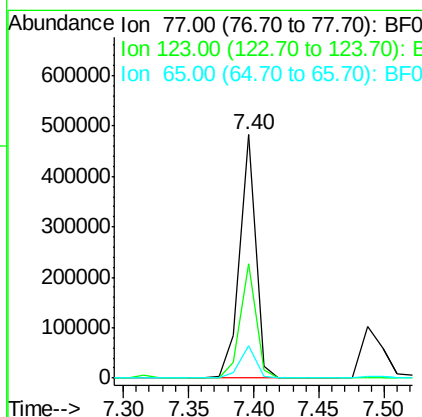
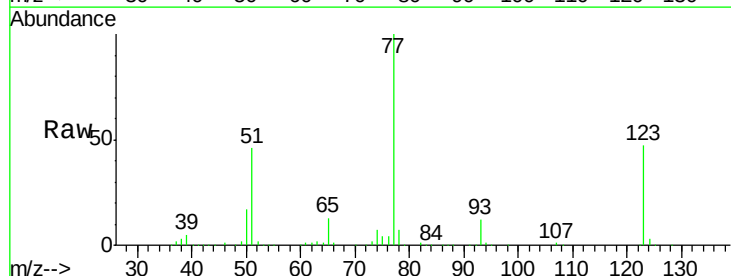
Manual Integrations
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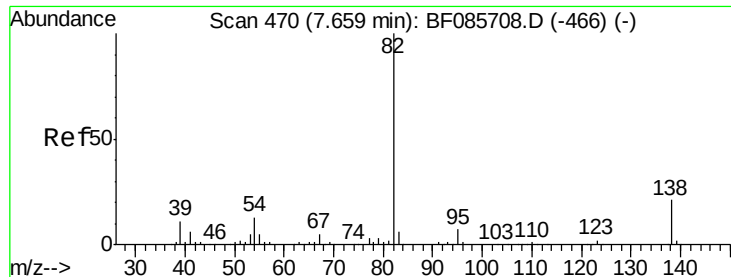
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#24
 Nitrobenzene
 Concen: 48.14 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.0	52.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 45.36 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

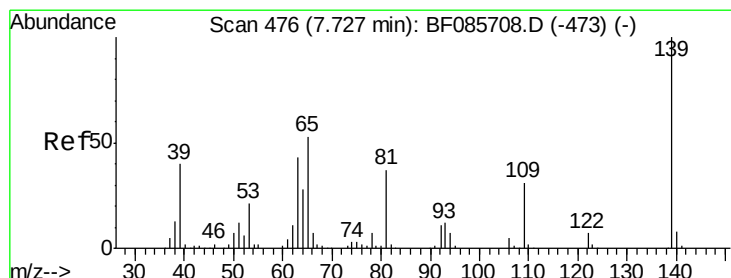
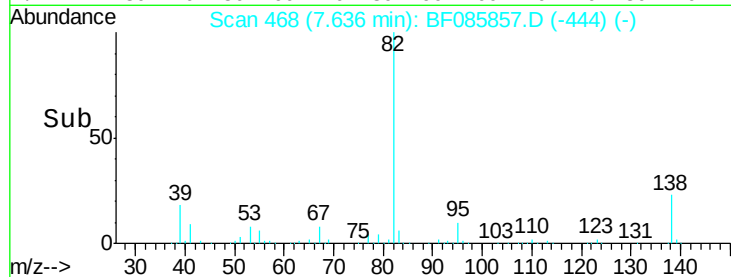
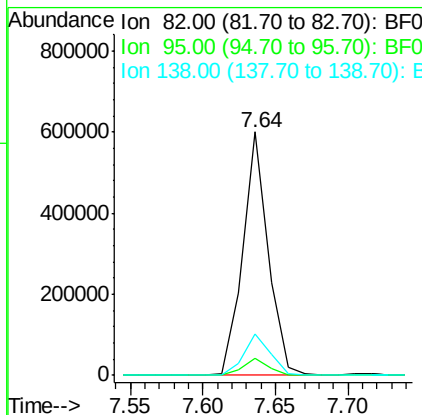
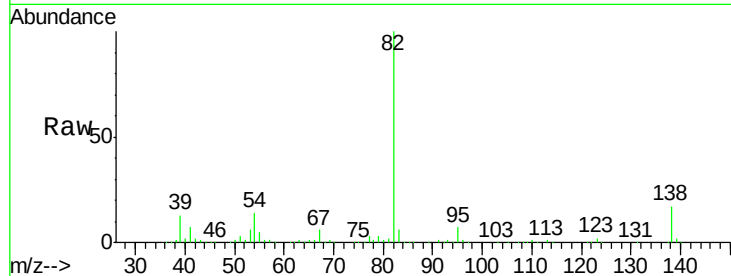
ClientSampleId :

TP-7MS

Tgt Ion:	82	Resp:	727070
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	17.1	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.38 ng

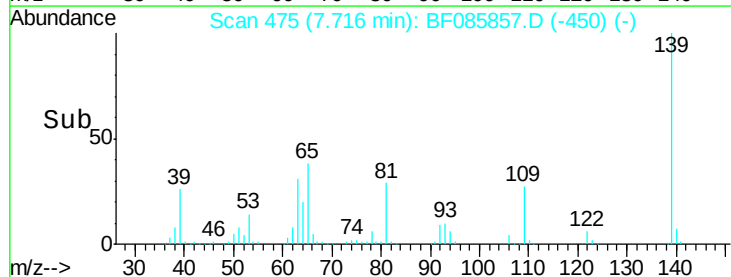
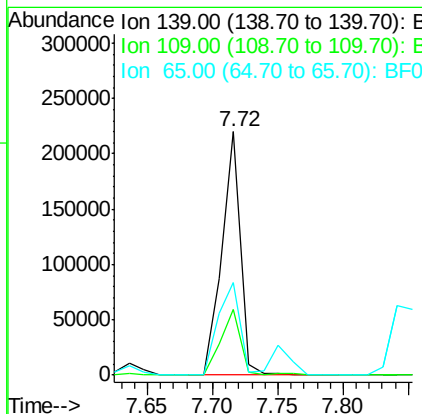
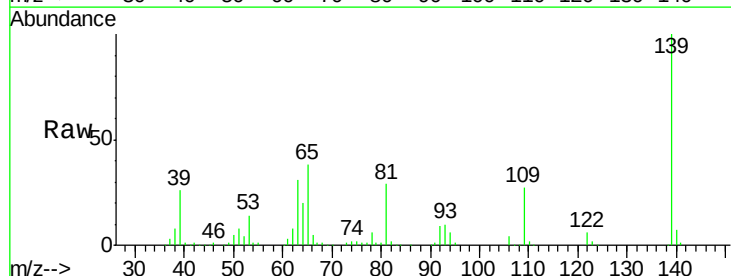
RT: 7.72 min Scan# 475

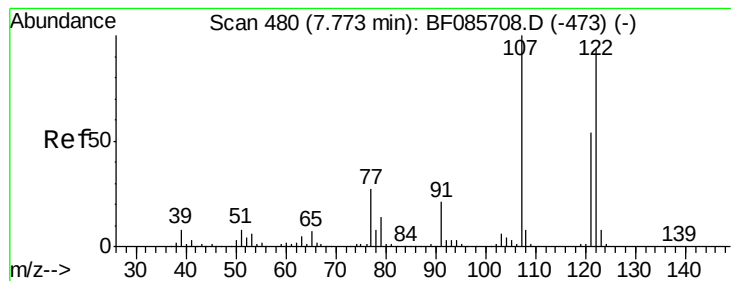
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	139	Resp:	220470
Ion Ratio	Lower	Upper	
139	100		
109	26.8	22.1	33.1
65	38.0	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 45.12 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

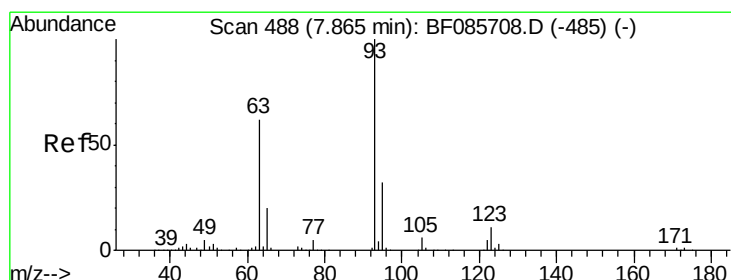
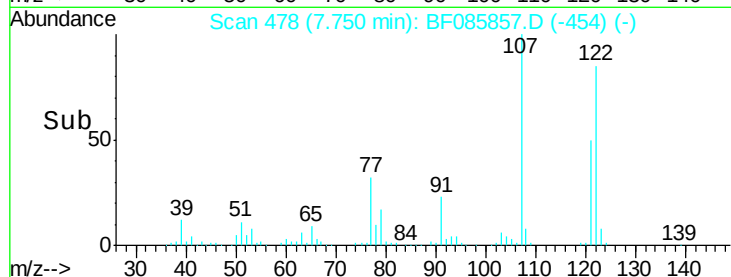
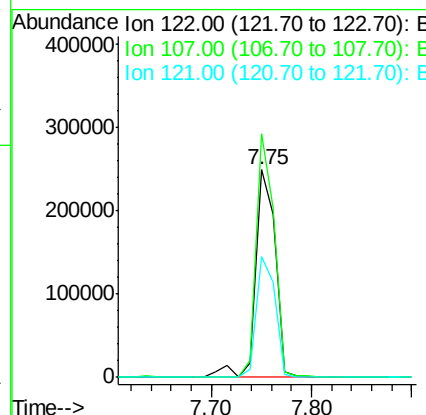
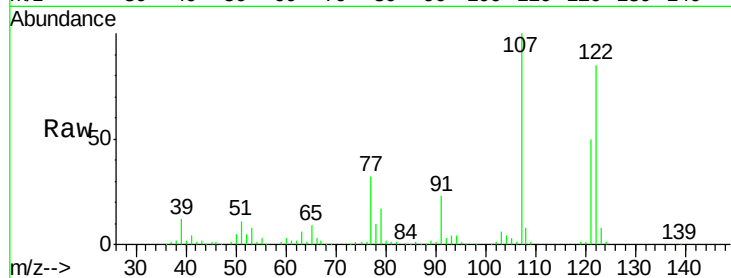
ClientSampleId :

TP-7MS

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Tgt Ion:	122	Resp:	338426
Ion Ratio	Lower	Upper	
122	100		
107	117.3	93.0	139.6
121	58.3	45.9	68.9



#28

bis(2-Chloroethoxy)methane

Concen: 50.21 ng

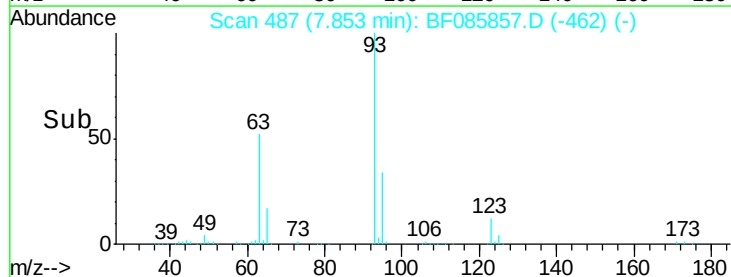
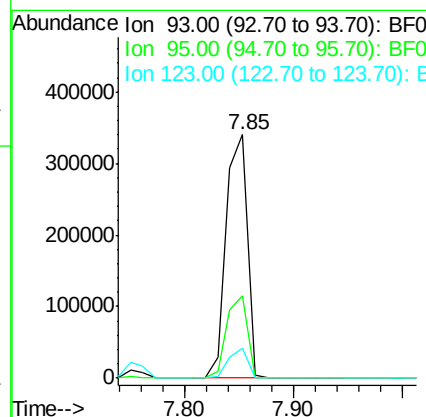
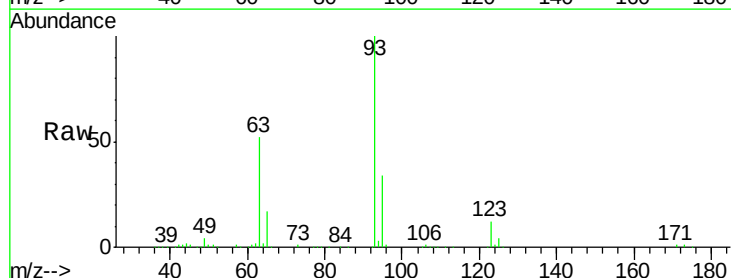
RT: 7.85 min Scan# 487

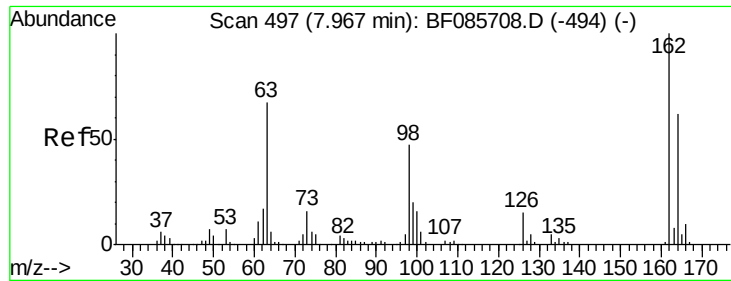
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	93	Resp:	458561
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.4	39.6
123	12.4	9.8	14.6





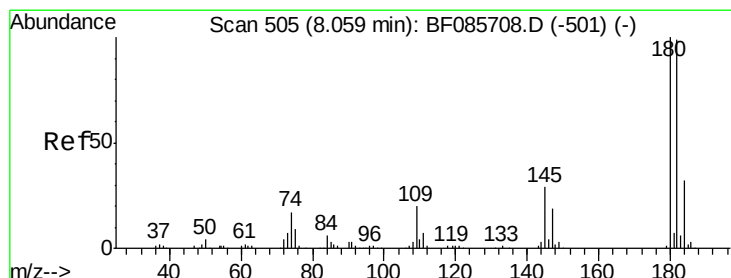
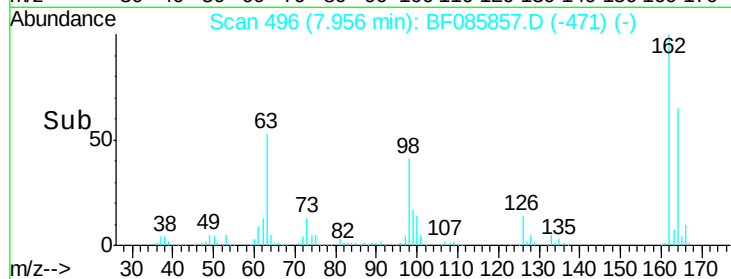
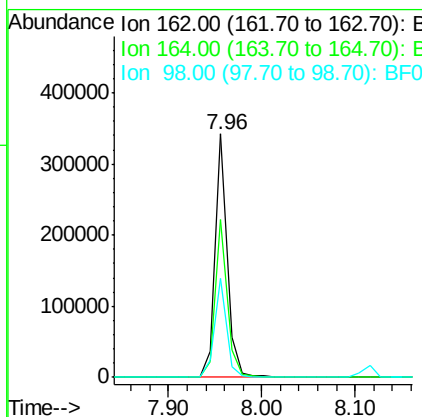
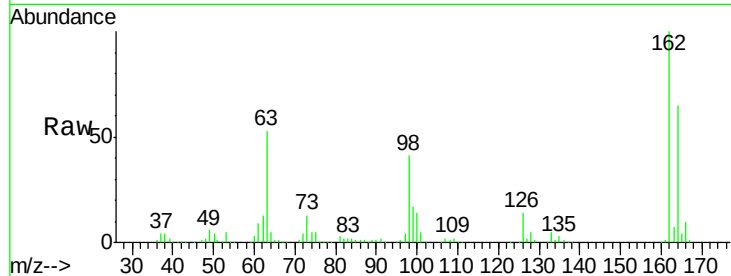
#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	307707		
164	64.6	43.7	83.7	
98	40.5	20.4	60.4	

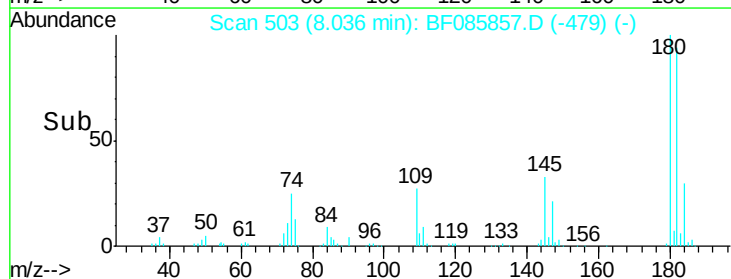
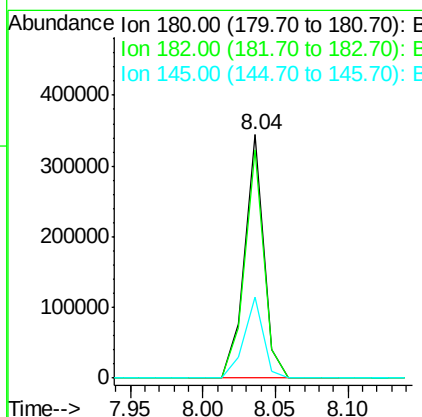
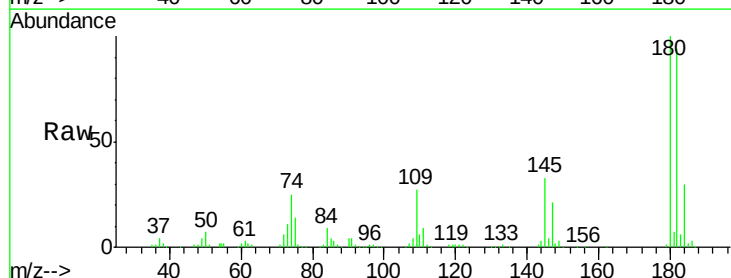
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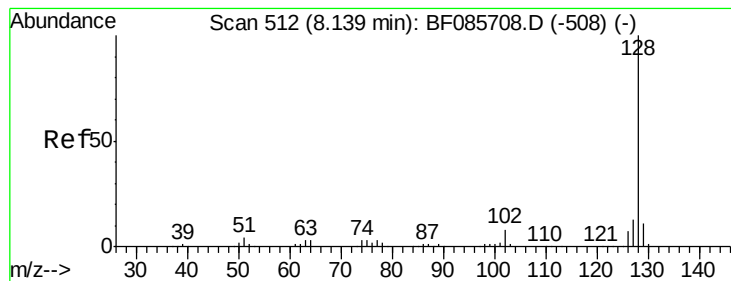
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.47 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	318318		
182	93.6	73.8	110.8	
145	33.2	28.4	42.6	





#31

Naphthalene

Concen: 45.29 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:128 Resp: 1069229

Ion Ratio Lower Upper

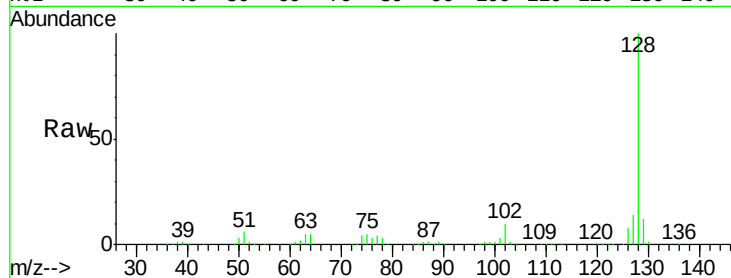
128 100

129 11.5 9.4 14.0

127 13.9 11.0 16.6

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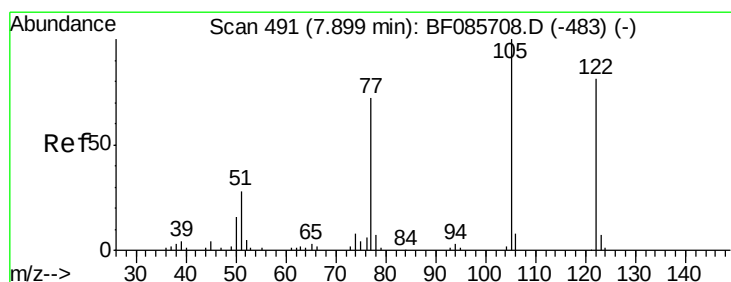
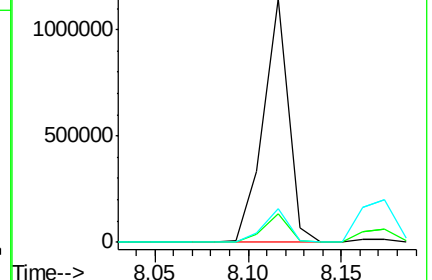
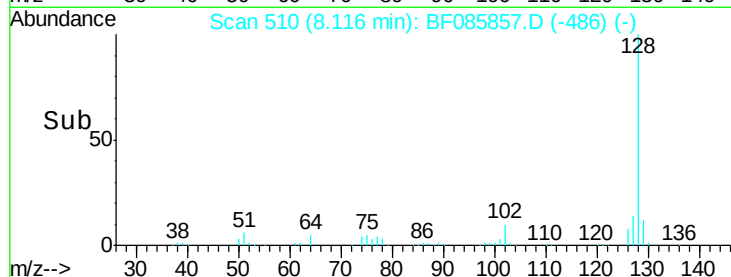
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 67.94 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.15 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

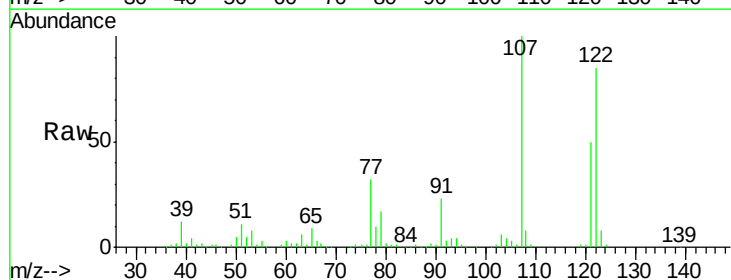
Tgt Ion:122 Resp: 338426

Ion Ratio Lower Upper

122 100

105 4.0 102.9 142.9#

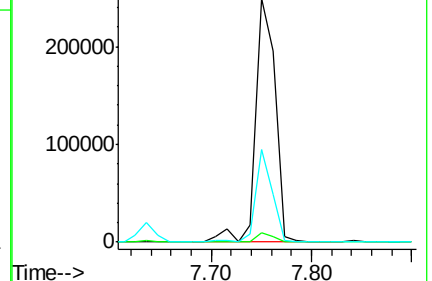
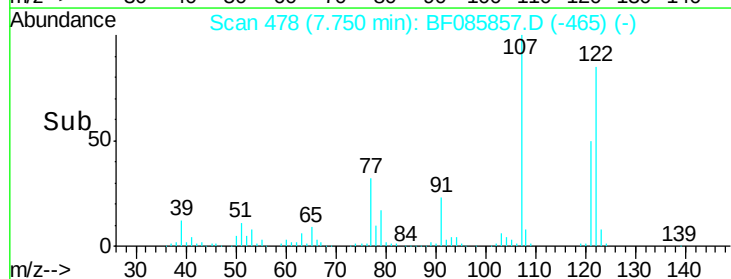
77 37.9 71.8 111.8#

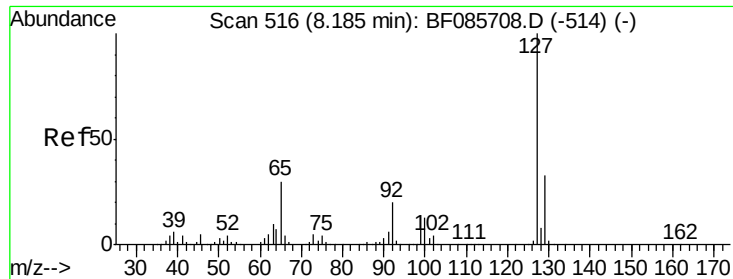


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





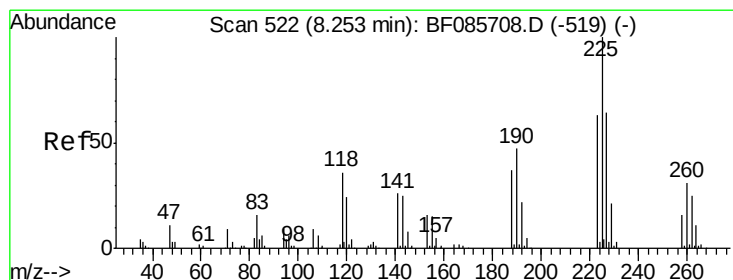
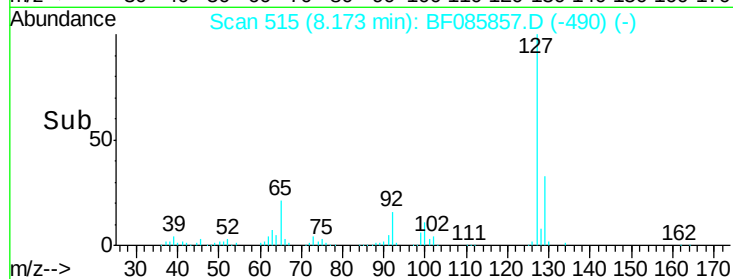
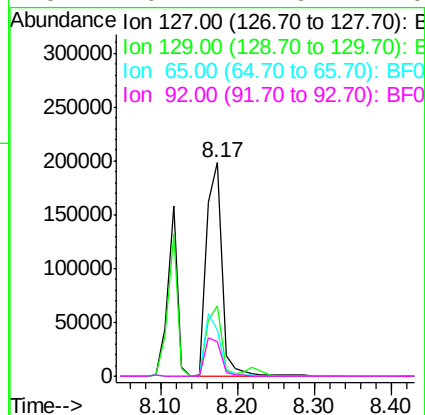
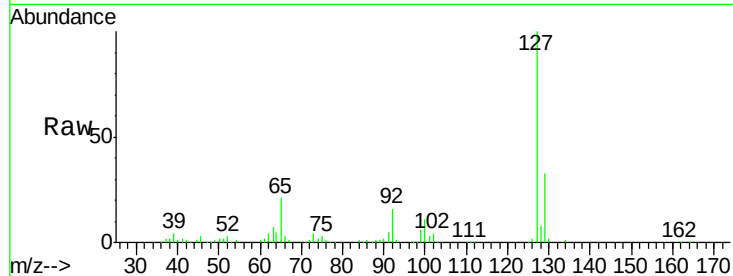
#33
4-Chloroaniline
Concen: 28.66 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	276259		
129	32.8	26.1	39.1	
65	21.3	19.5	29.3	
92	16.4	14.6	22.0	

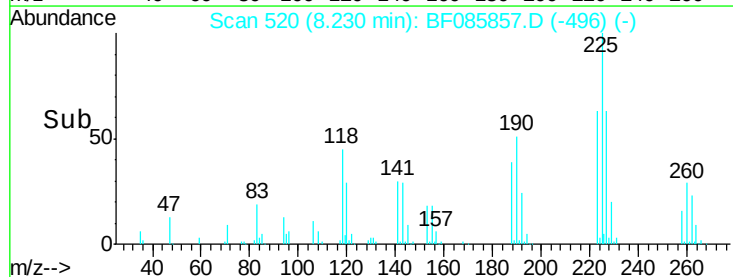
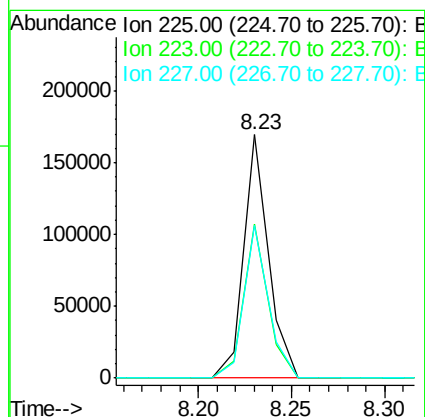
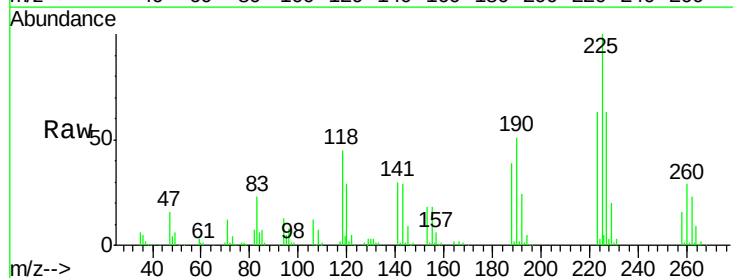
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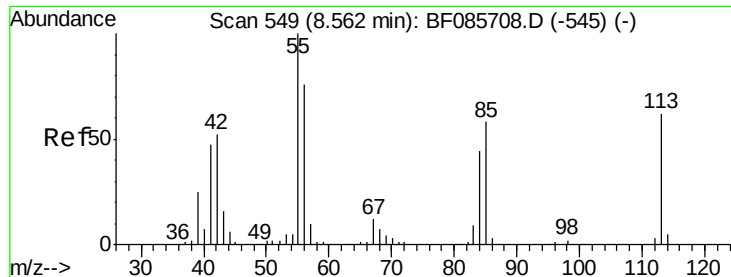
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#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156117		
223	63.4	50.4	75.6	
227	62.6	51.4	77.2	





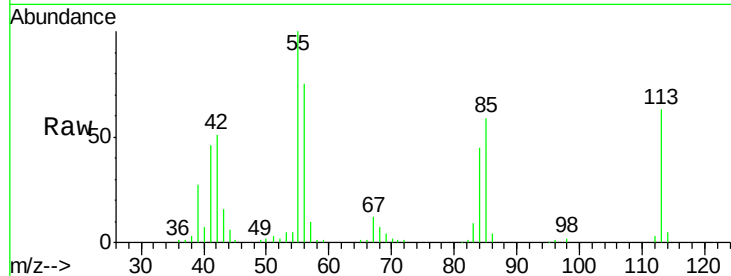
#35
 Caprolactam
 Concen: 46.27 ng m
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampled :
 TP-7MS

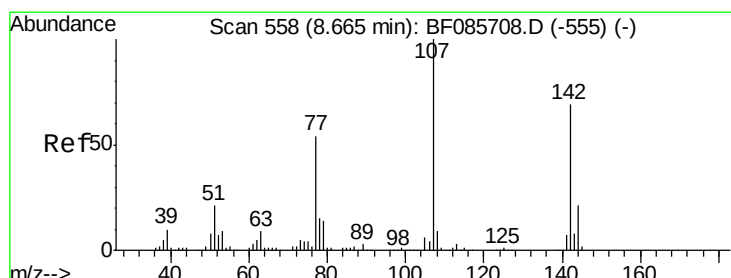
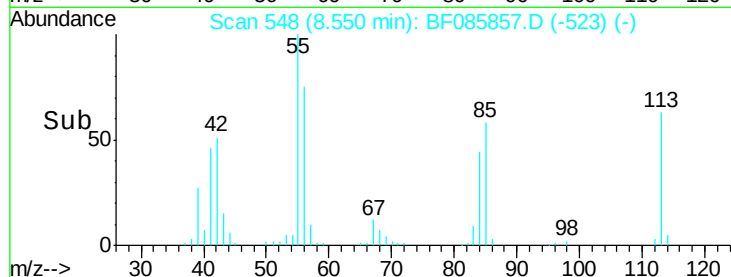
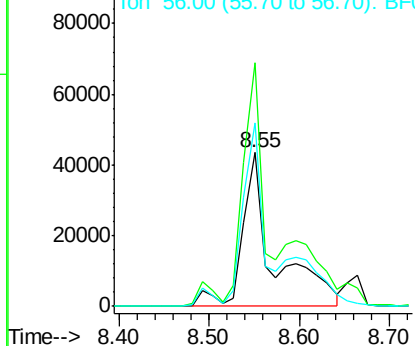
Tgt Ion:113 Resp: 103348
 Ion Ratio Lower Upper
 113 100
 55 158.6 139.4 179.4
 56 119.7 100.4 140.4

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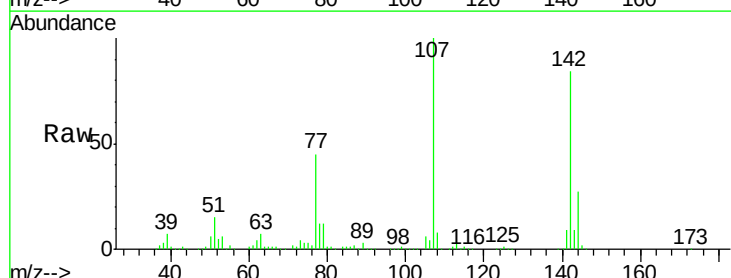


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

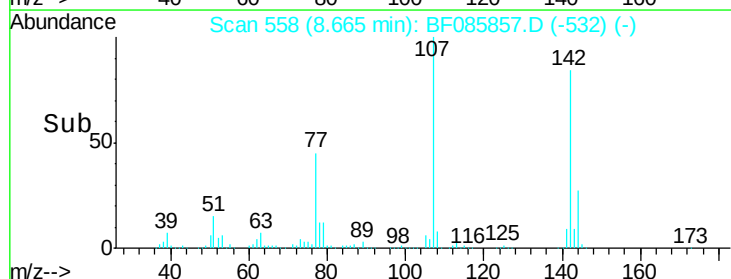
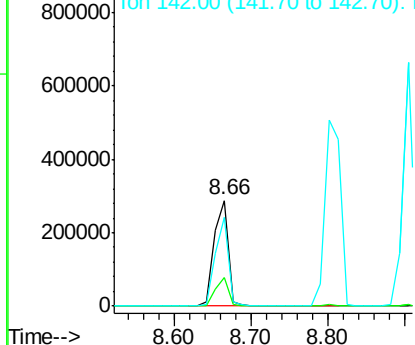


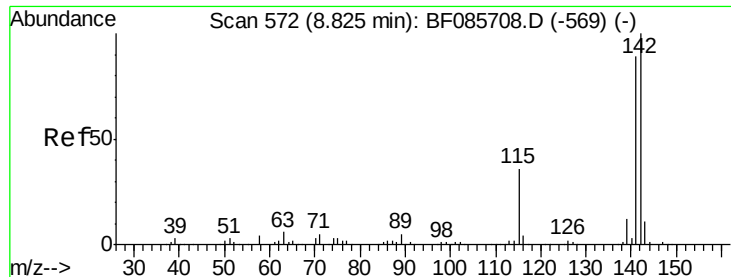
#36
 4-Chloro-3-methylphenol
 Concen: 49.19 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:107 Resp: 362278
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.3 28.9
 142 84.1 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





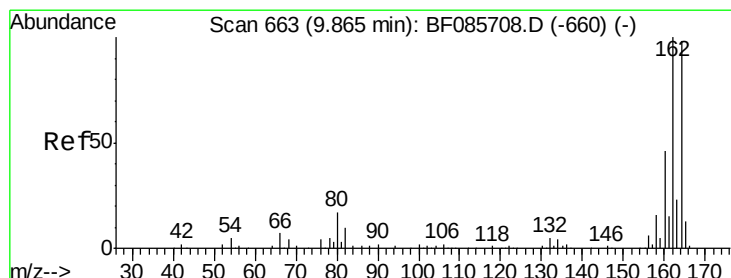
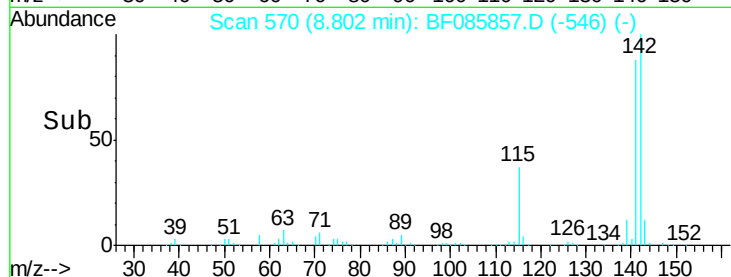
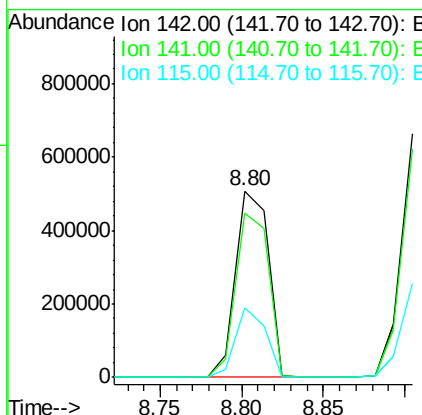
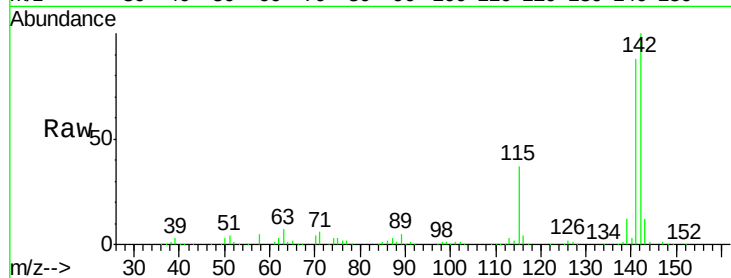
#37
 2-Methylnaphthalene
 Concen: 53.58 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:	142	Resp:	704169
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.6	107.4
115	37.3	26.8	40.2

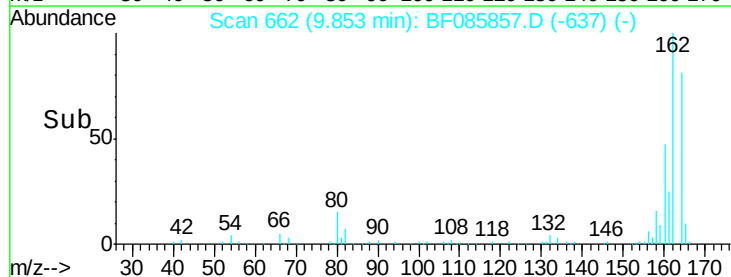
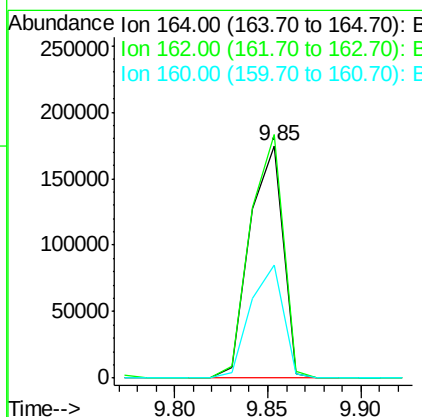
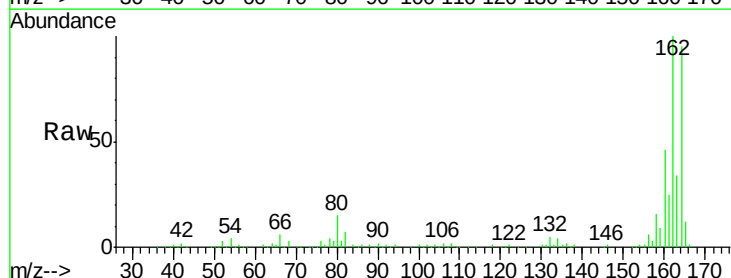
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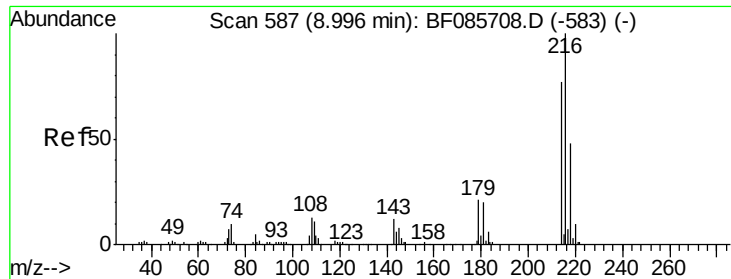
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:	164	Resp:	215179
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.1	123.1
160	48.6	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.43 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

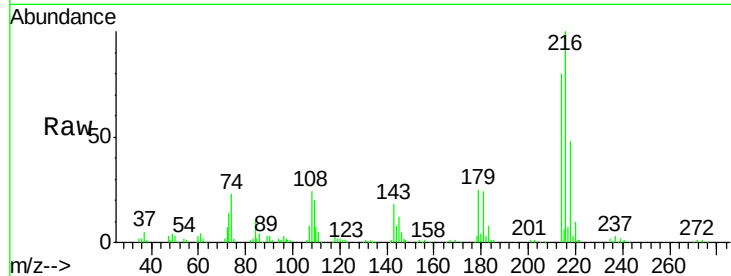
ClientSampleId :

TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	270732		
214	79.1	63.1	94.7	
179	23.6	18.2	27.2	
108	24.6	17.3	25.9	

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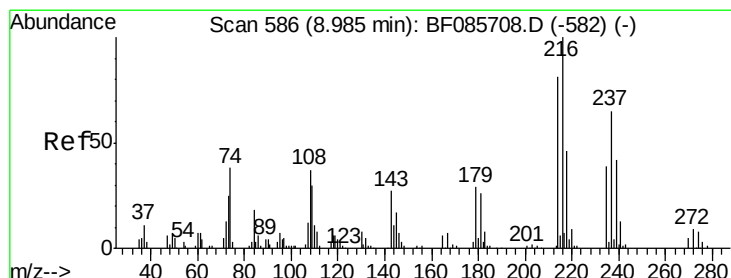
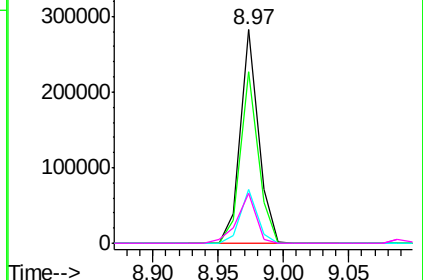
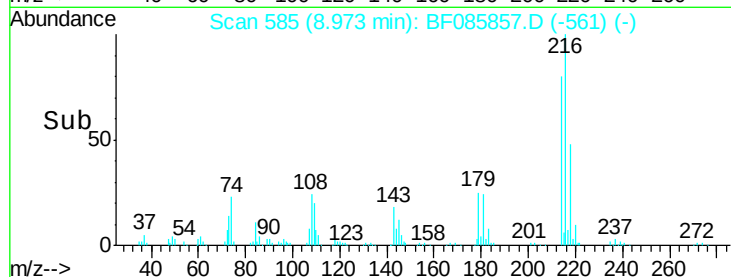


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.48 ng

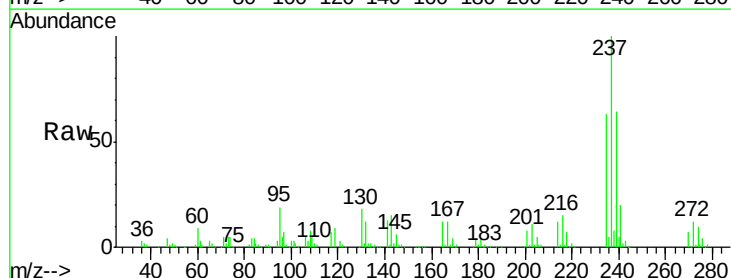
RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

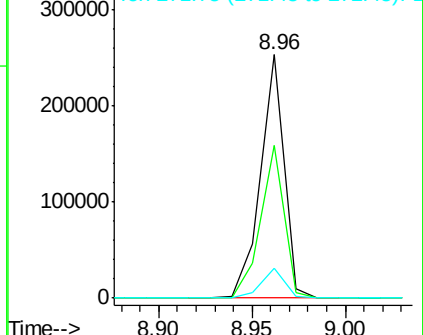
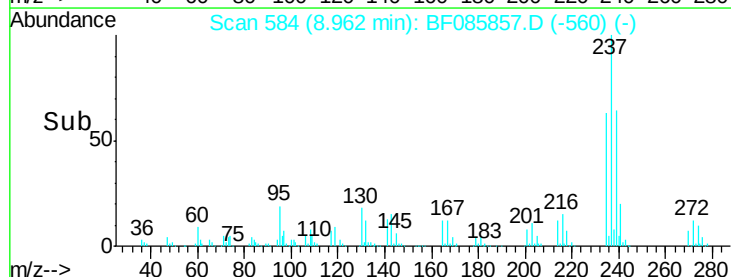
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220205		
235	62.9	43.7	83.7	
272	12.5	0.0	31.9	

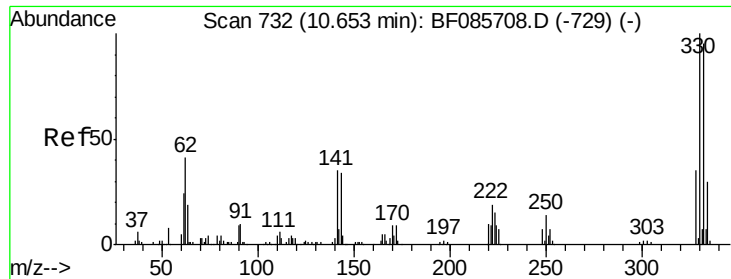


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





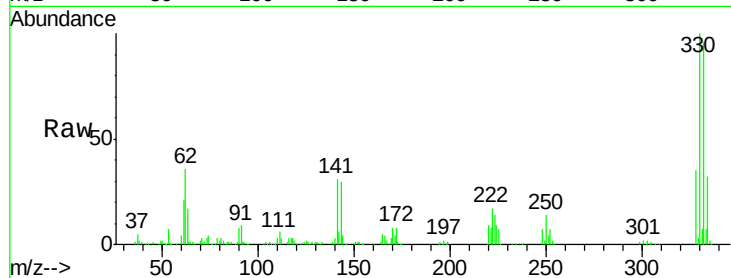
#41
 2,4,6-Tribromophenol
 Concen: 141.06 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampled :
 TP-7MS

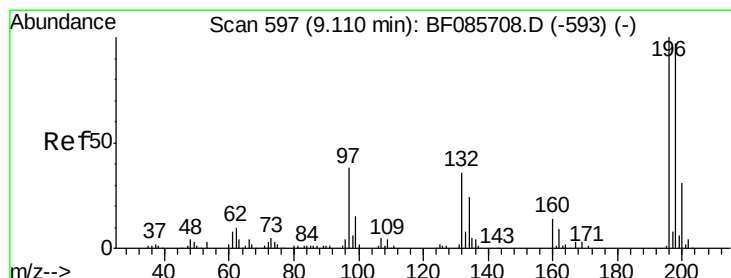
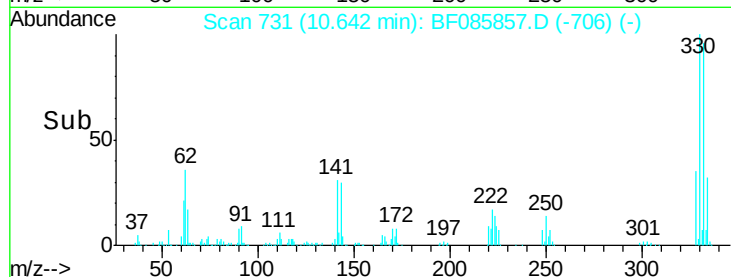
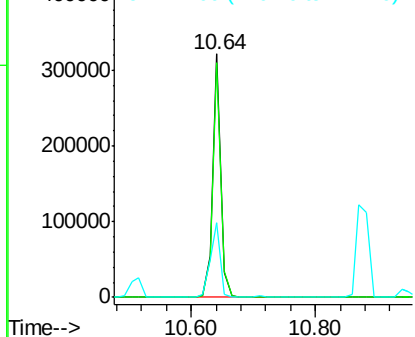
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288394		
332	96.3	78.2	117.2	
141	37.5	31.5	47.3	

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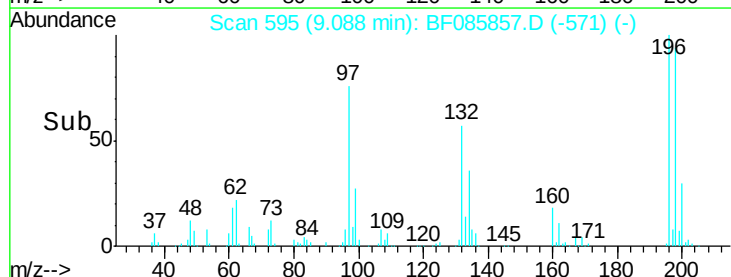
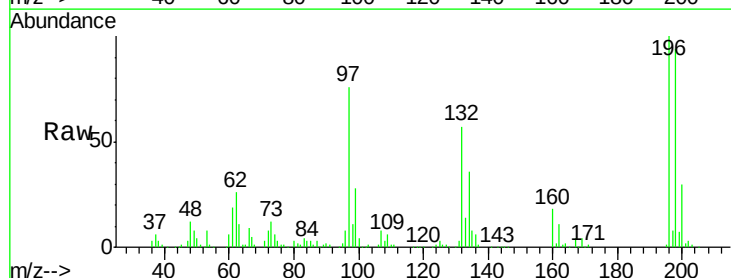
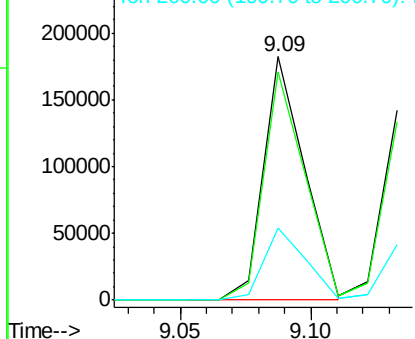
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

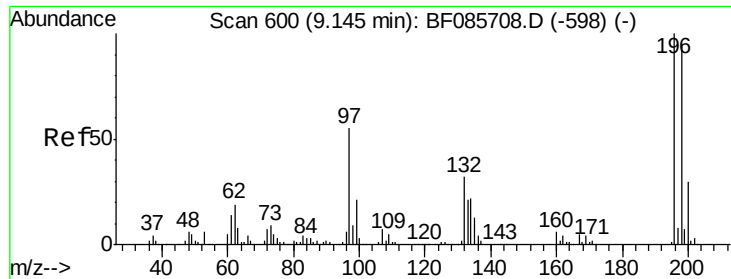


#42
 2,4,6-Trichlorophenol
 Concen: 46.24 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199276		
198	93.9	75.3	112.9	
200	29.7	23.7	35.5	

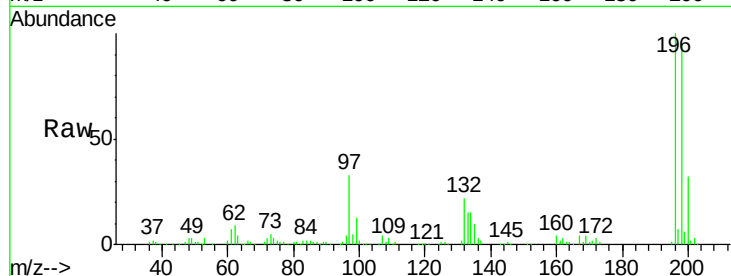
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 48.16 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

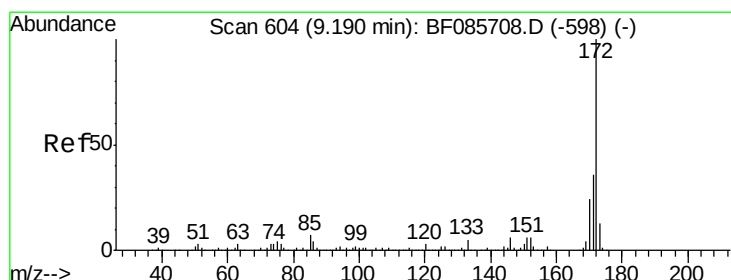
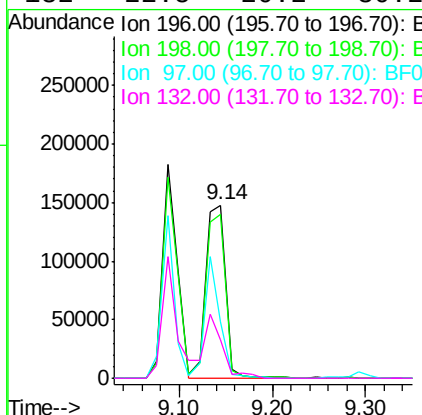
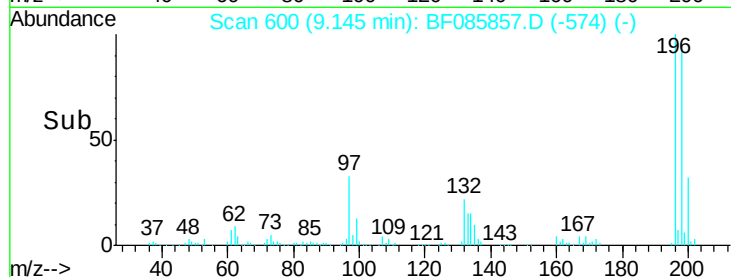
Instrument :
 BNA_F
 ClientSampled :
 TP-7MS



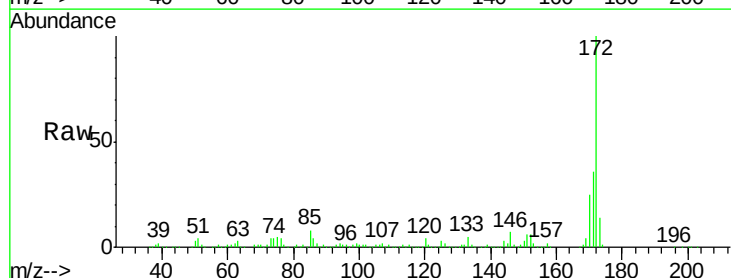
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217679		
198	95.0	76.6	114.8	
97	32.9	30.5	45.7	
132	22.5	20.2	30.2	

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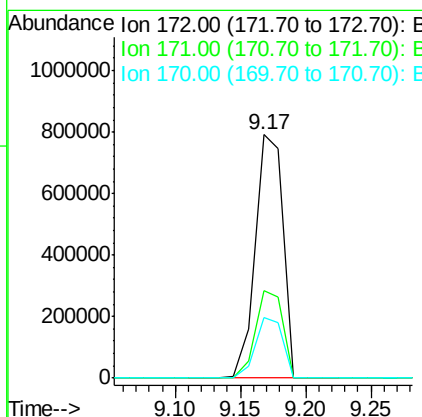
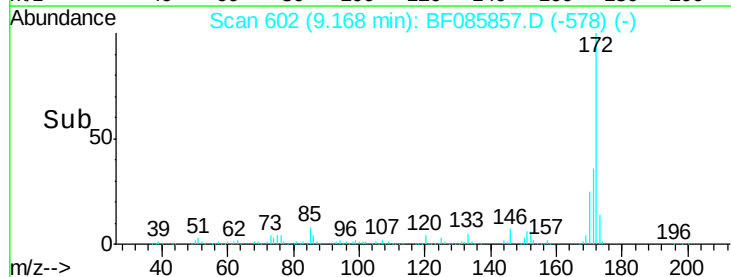
Sohil
 3/30/2016 7:05:03 PM

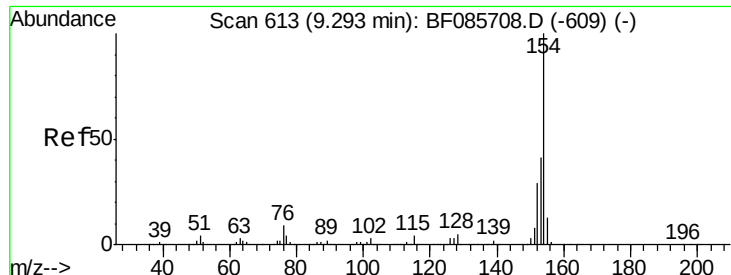


#44
 2-Fluorobiphenyl
 Concen: 90.84 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1169997		
171	36.1	29.4	44.2	
170	24.7	19.8	29.6	





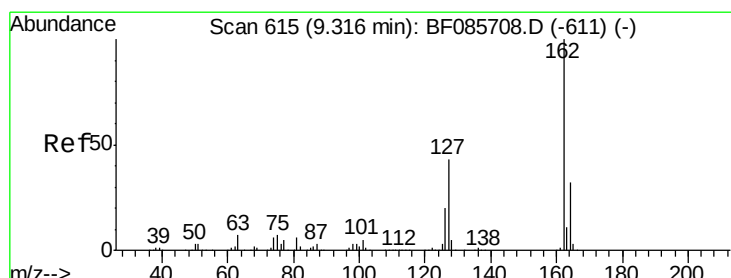
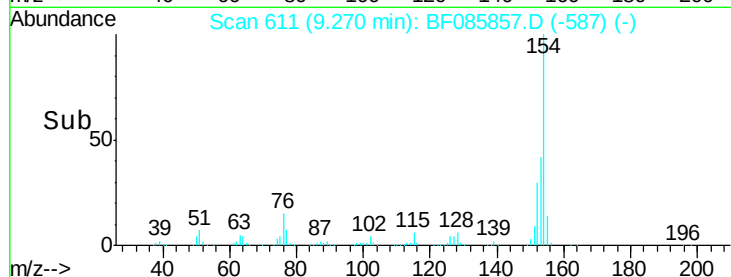
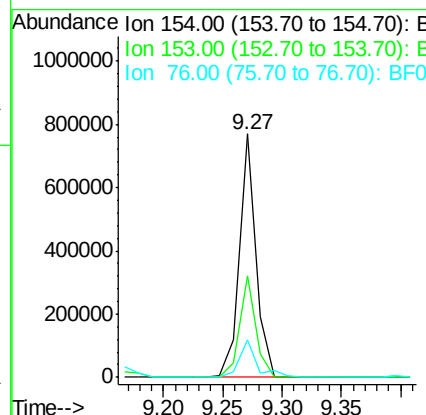
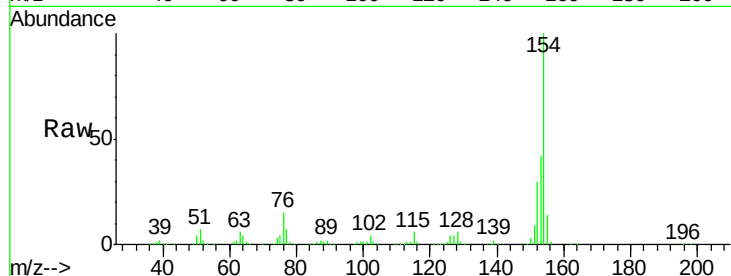
#45
 1,1'-Biphenyl
 Concen: 41.24 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampled :
 TP-7MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.8	60.8
76	15.3	0.0	36.7

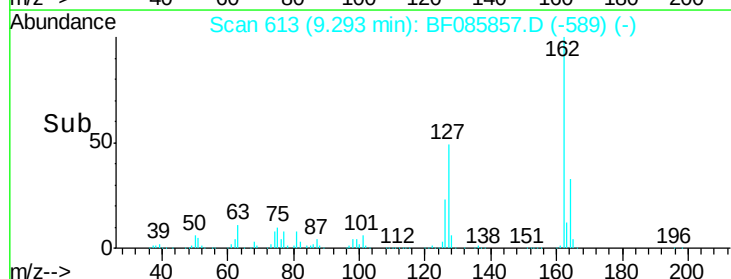
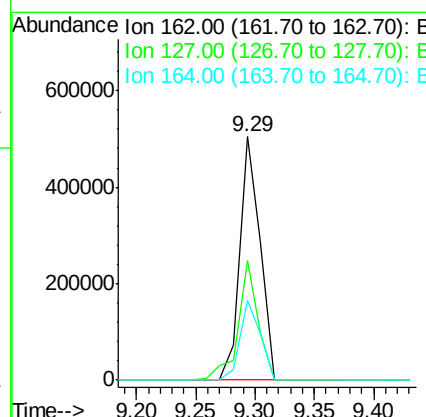
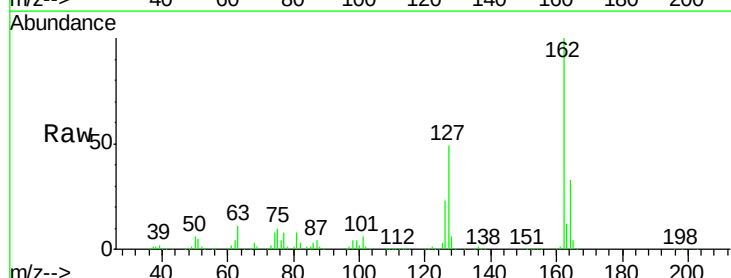
Manual Integrations
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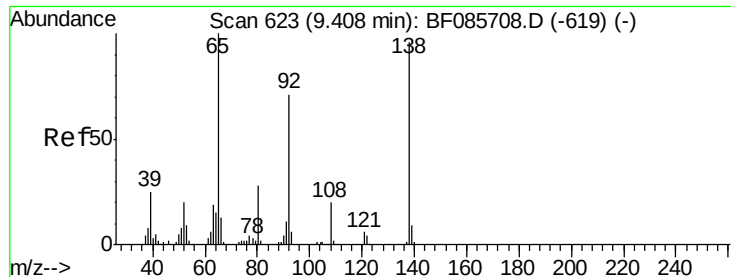
Sohil
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#46
 2-Chloronaphthalene
 Concen: 44.69 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.3	31.7	47.5#
164	32.7	27.3	40.9





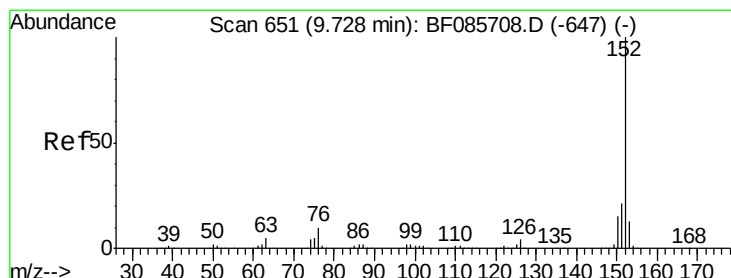
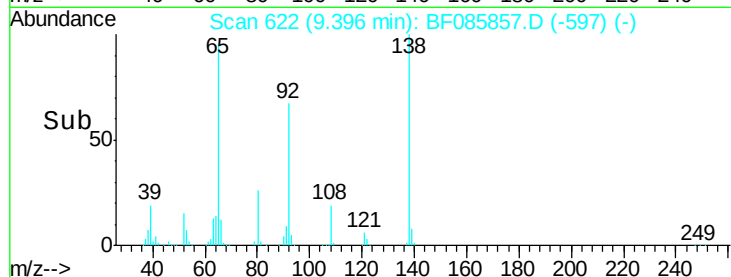
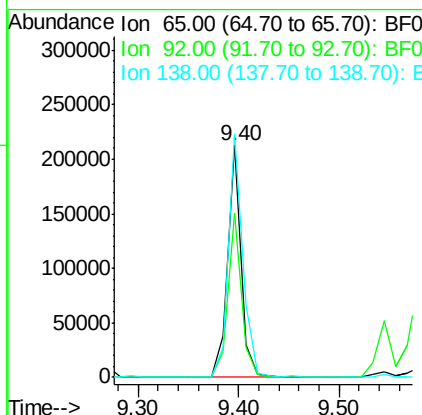
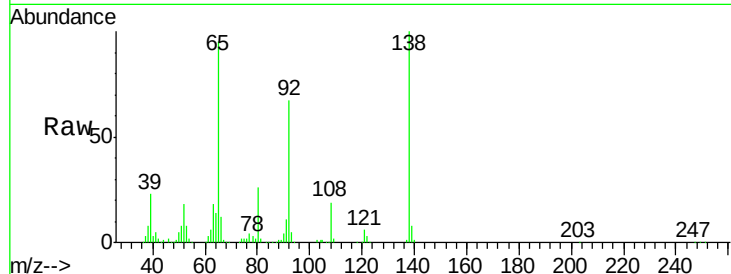
#47
2-Nitroaniline
Concen: 48.26 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	59.7	89.5
138	105.0	91.4	137.0

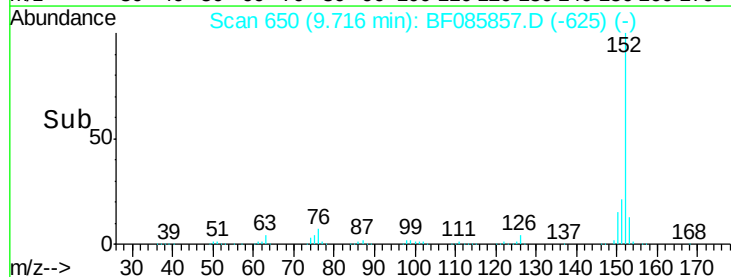
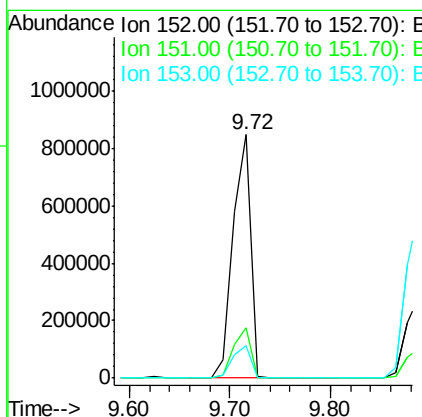
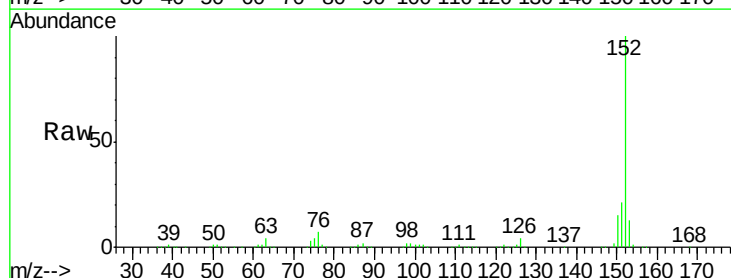
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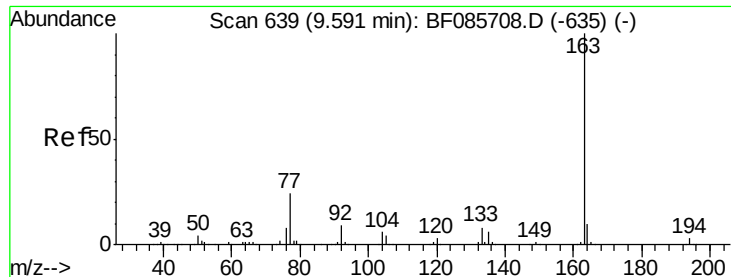
Sohil
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#48
Acenaphthylene
Concen: 47.33 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.1	10.9	16.3





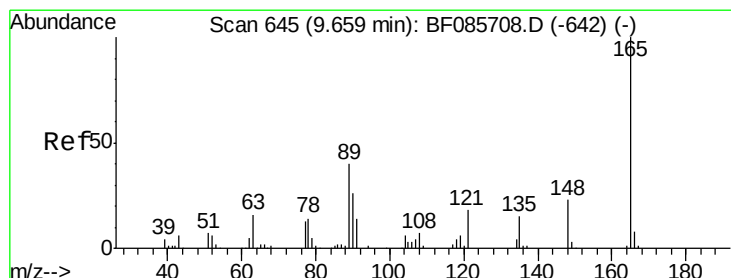
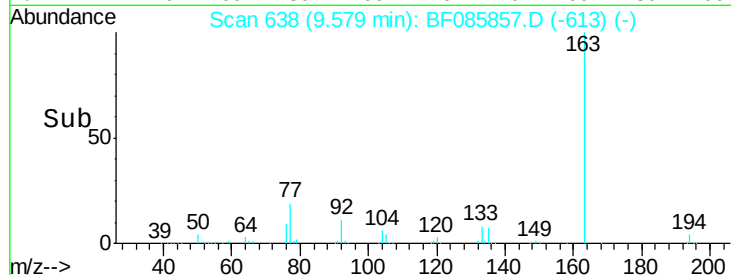
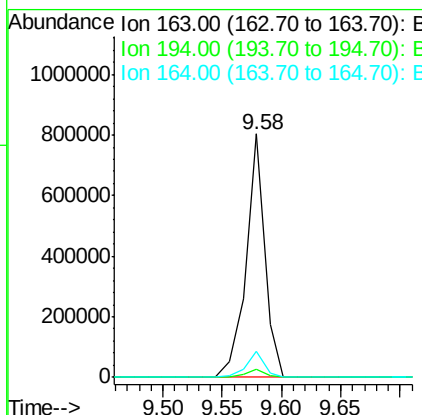
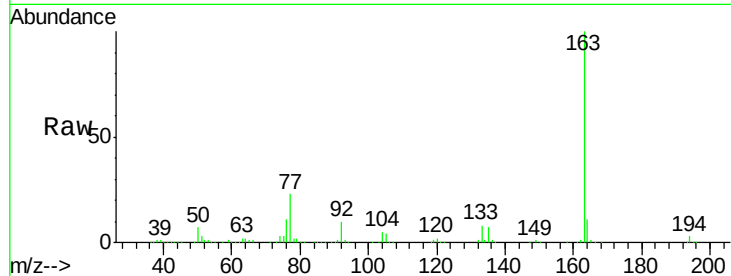
#49
Dimethylphthalate
Concen: 54.39 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampled :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	887973		
194	3.4		2.9	4.3
164	10.5		8.3	12.5

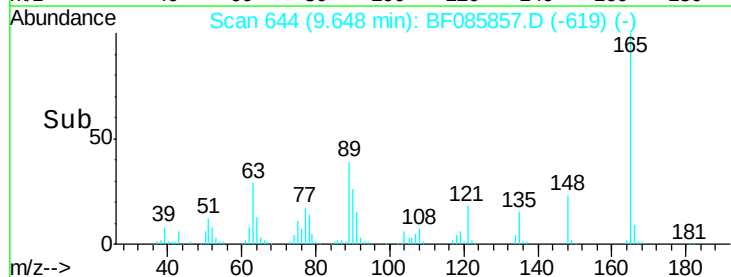
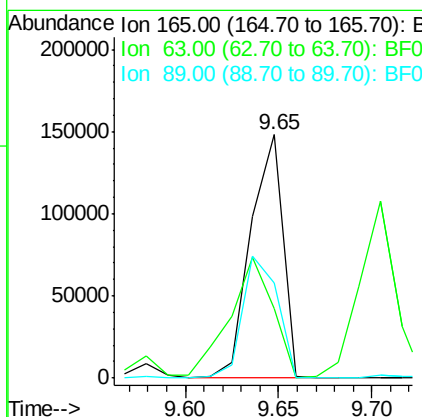
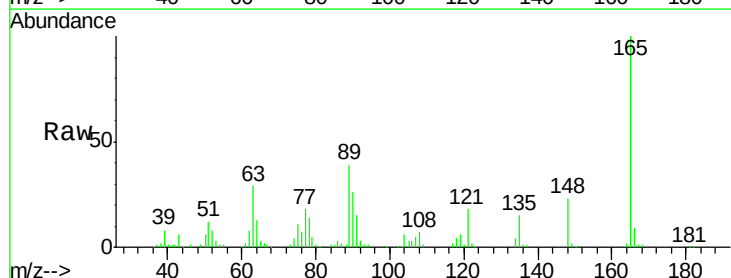
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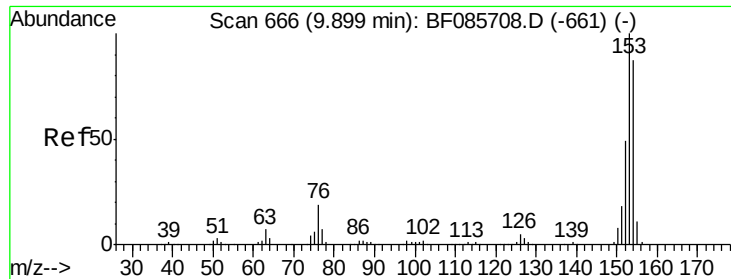
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3/30/2016 7:05:03 PM



#50
2,6-Dinitrotoluene
Concen: 50.36 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176958		
63	28.8		51.8	77.8#
89	39.0		53.7	80.5#





#51

Acenaphthene

Concen: 45.87 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085857.D

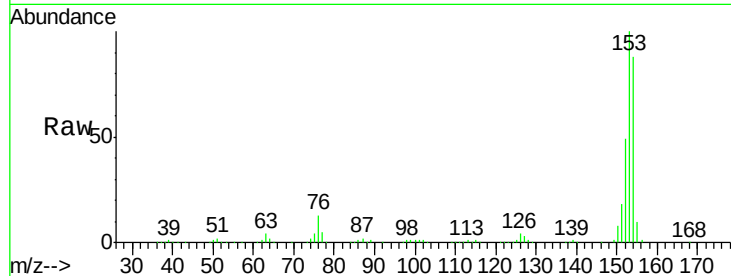
Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

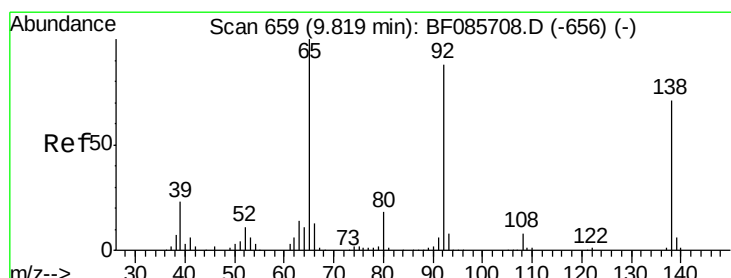
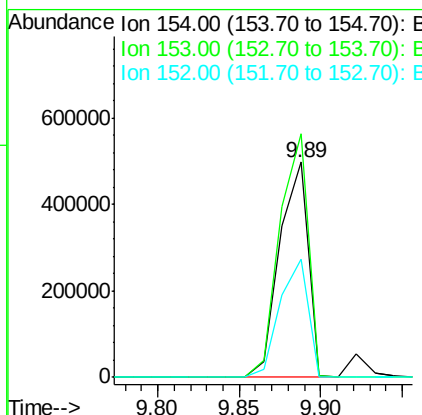
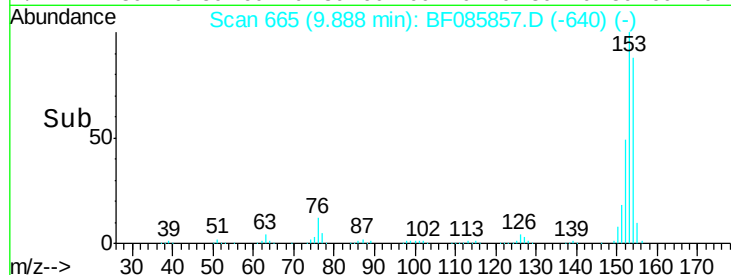
TP-7MS



Tgt Ion:	154	Resp:	609506
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	55.1	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 35.88 ng

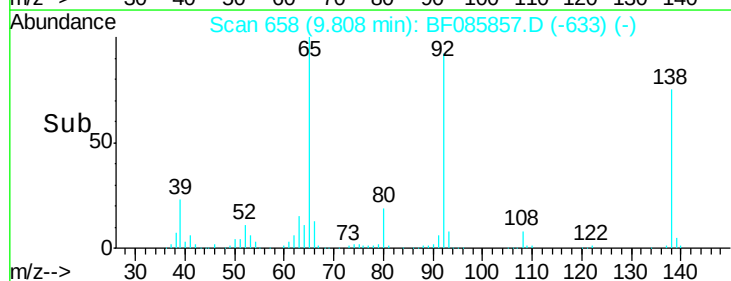
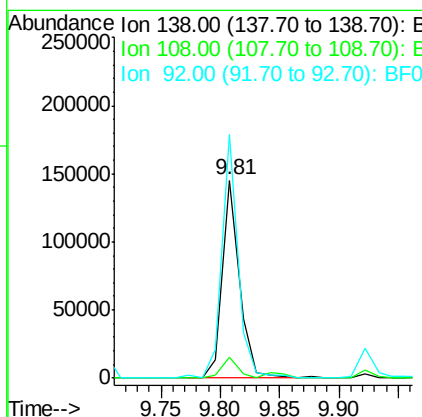
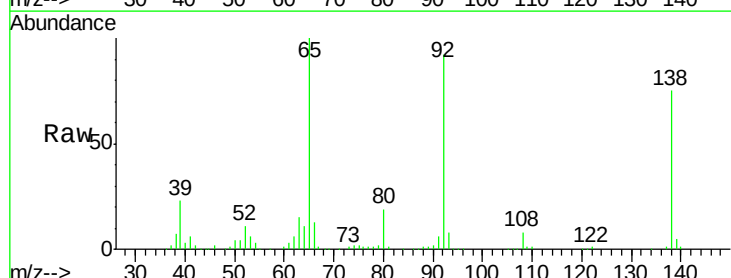
RT: 9.81 min Scan# 658

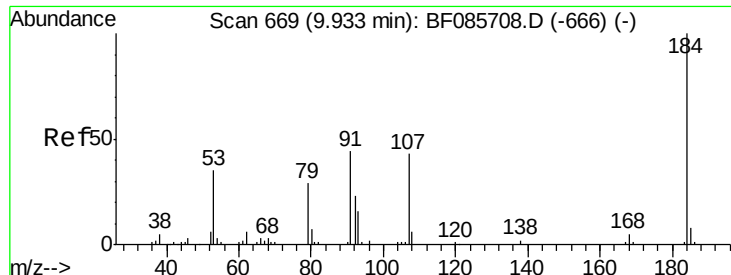
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	138	Resp:	144327
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.7	13.1
92	123.3	93.3	139.9





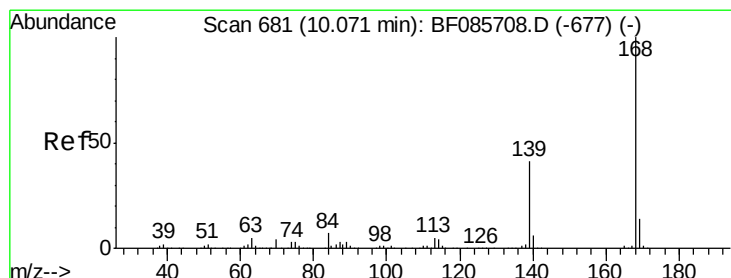
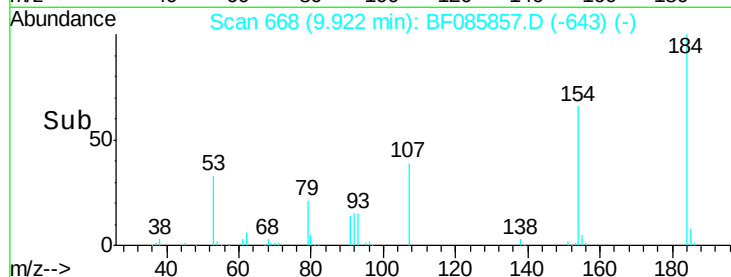
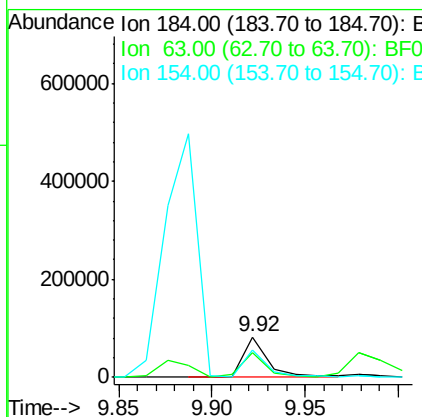
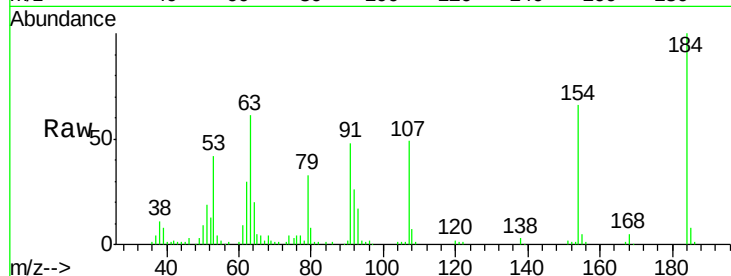
#53
2,4-Dinitrophenol
Concen: 45.98 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	76693		
63	61.4	69.5	104.3#	
154	65.9	58.3	87.5	

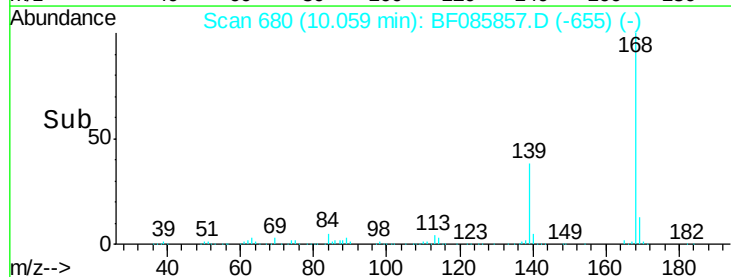
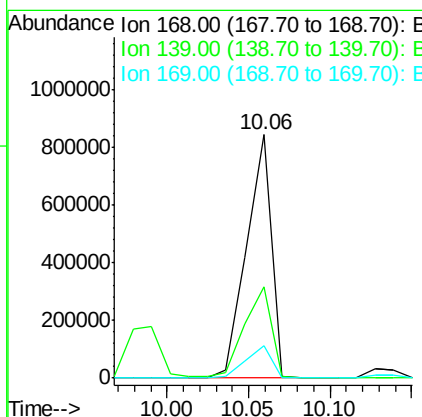
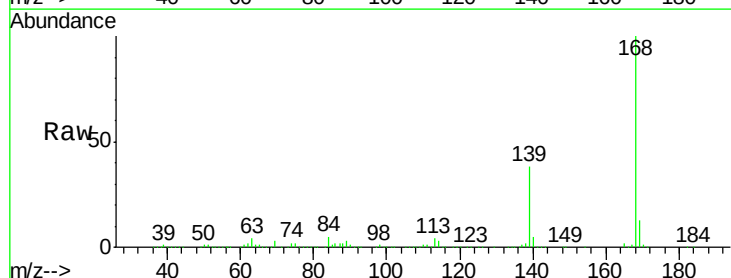
Manual Integrations
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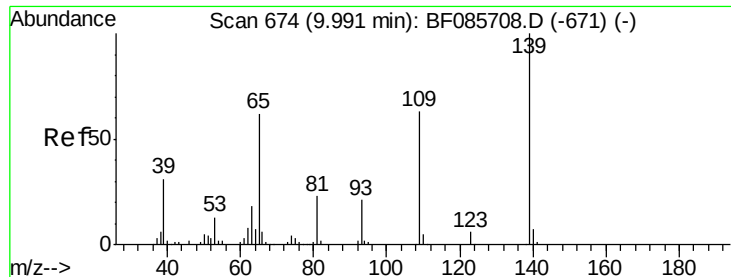
Sohil
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#54
Dibenzofuran
Concen: 52.01 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	894605		
139	37.7	31.9	47.9	
169	13.3	11.0	16.6	





#55

4-Nitrophenol

Concen: 100.00 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

TP-7MS

Tgt Ion:139 Resp: 262041
Ion Ratio Lower Upper

139 100

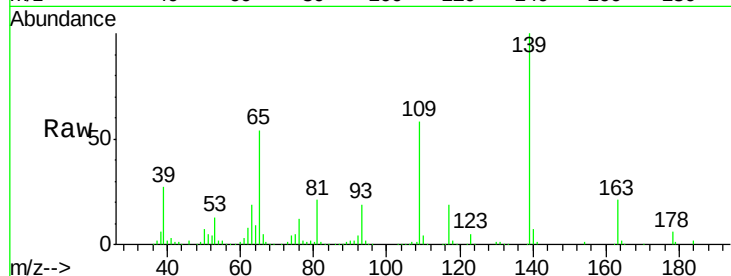
109 58.1 49.2 89.2

65 54.2 66.9 106.9#

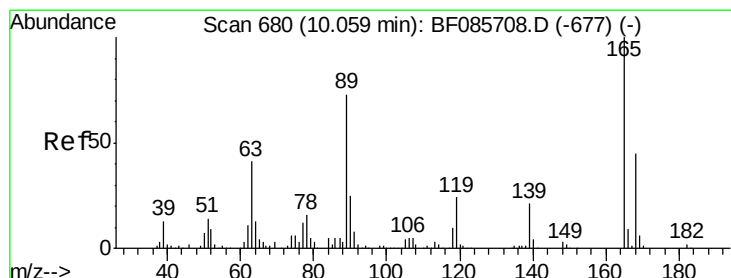
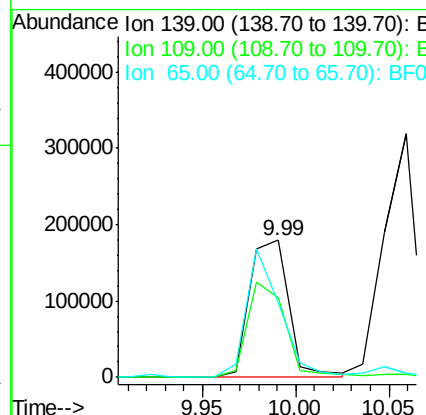
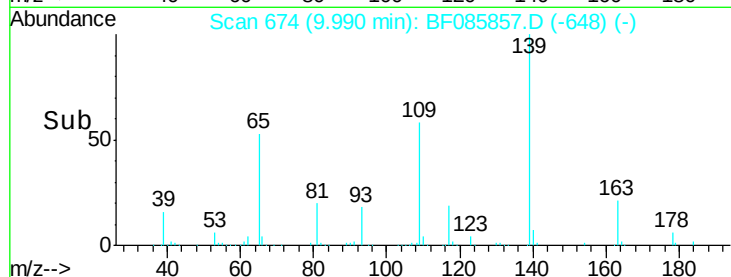
Manual Integrations
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.83 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

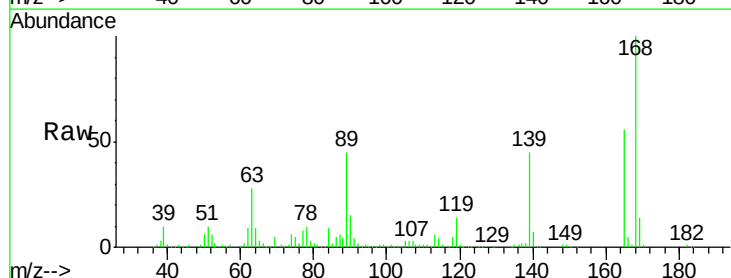
Tgt Ion:165 Resp: 209148
Ion Ratio Lower Upper

165 100

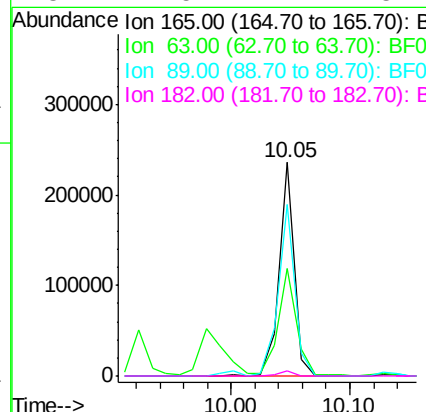
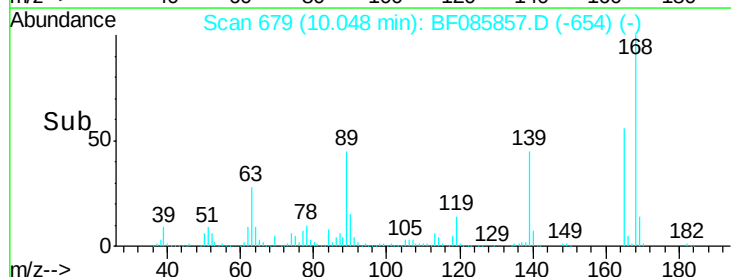
63 50.3 24.9 37.3#

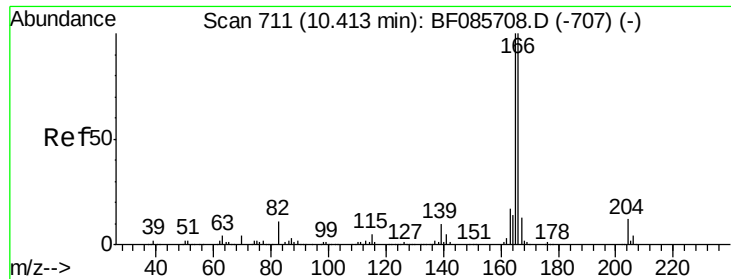
89 80.0 41.0 61.6#

182 2.5 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: 47.71 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

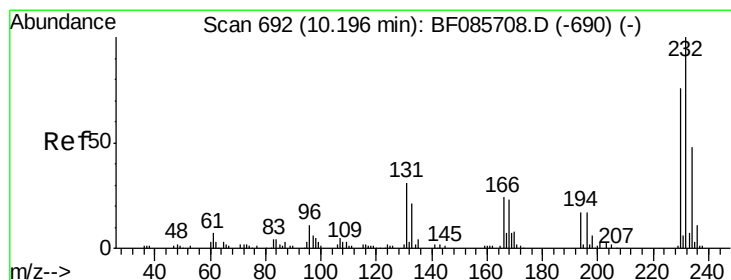
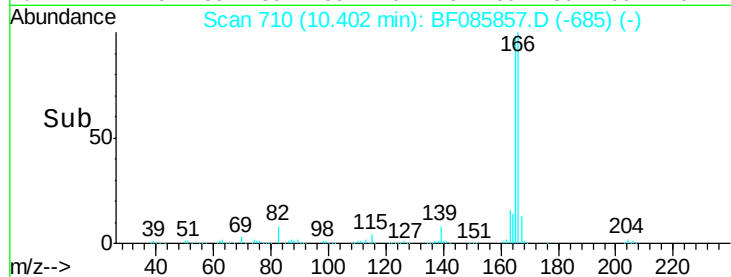
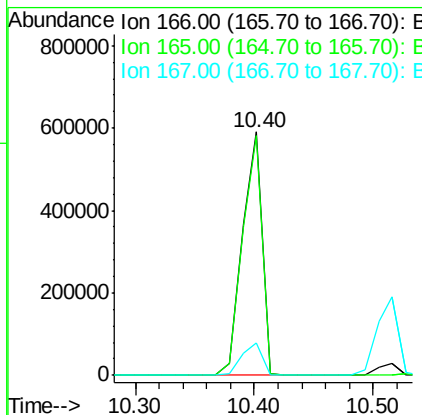
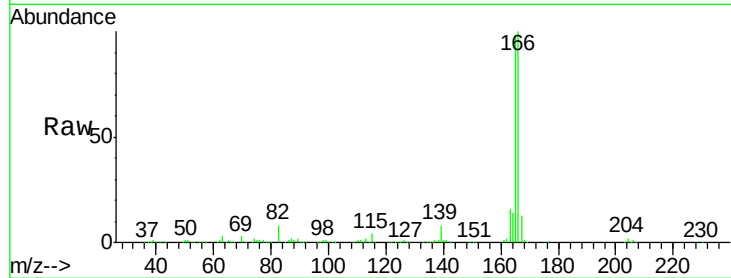
TP-7MS

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Tgt Ion:	166	Resp:	682087
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.4	119.0
167	13.1	11.0	16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.10 ng

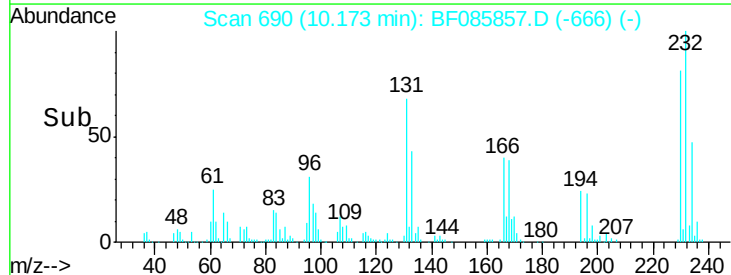
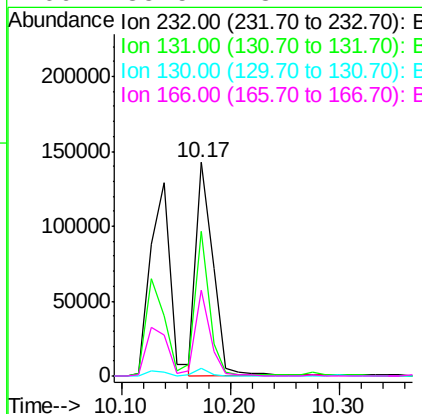
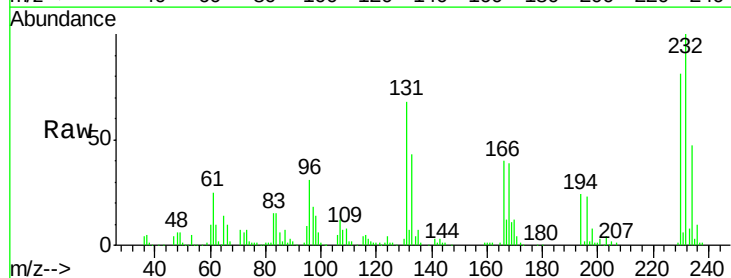
RT: 10.17 min Scan# 690

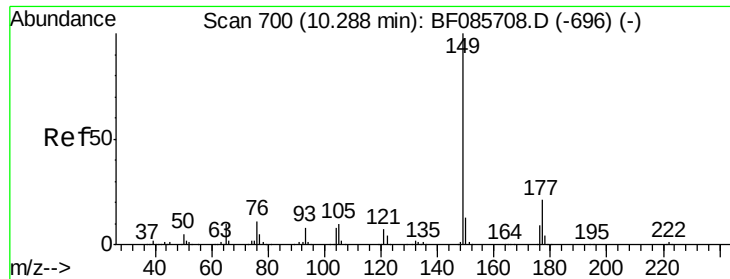
Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	232	Resp:	154225
Ion Ratio	Lower	Upper	
232	100		
131	58.8	44.9	67.3
130	2.9	2.3	3.5
166	35.5	28.1	42.1





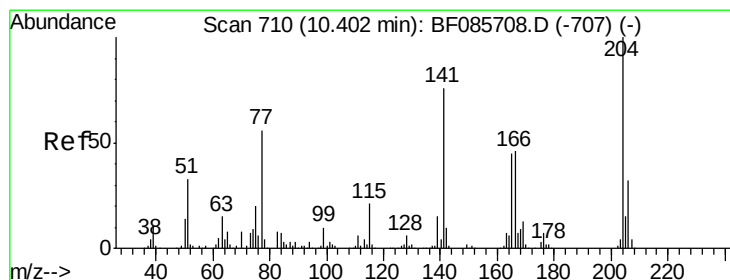
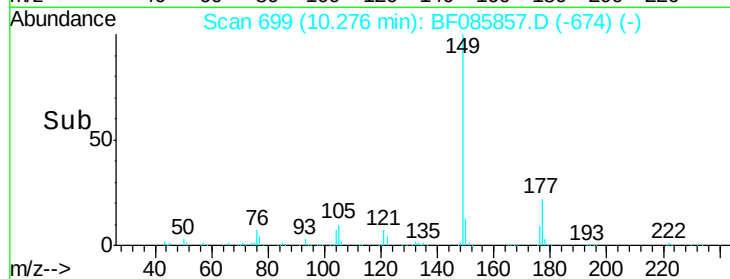
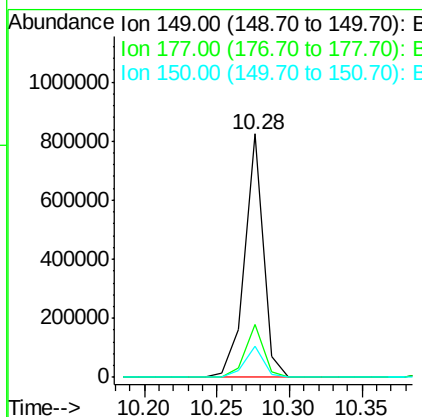
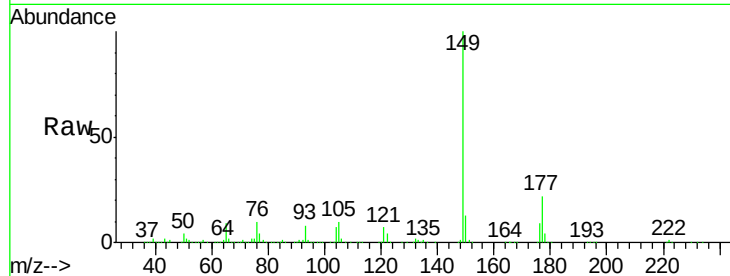
#59
Diethylphthalate
Concen: 45.67 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	736586		
177	21.6	17.9	26.9	
150	12.8	10.2	15.2	

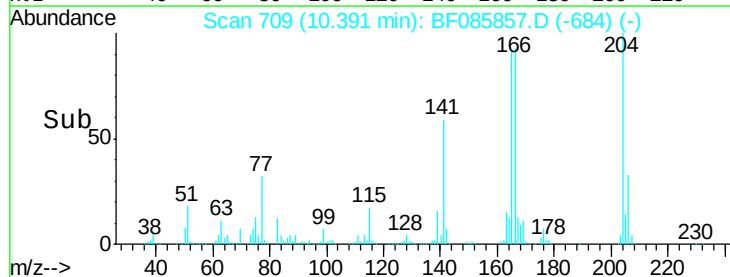
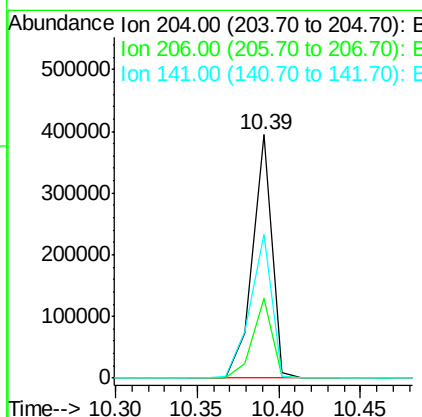
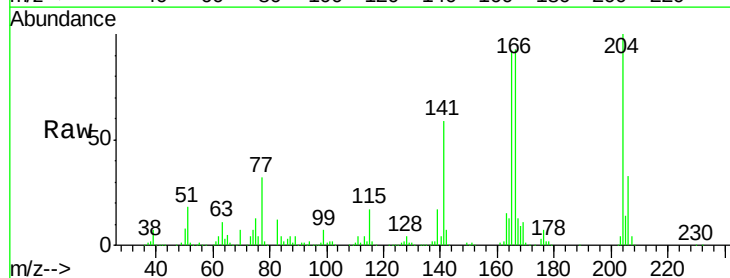
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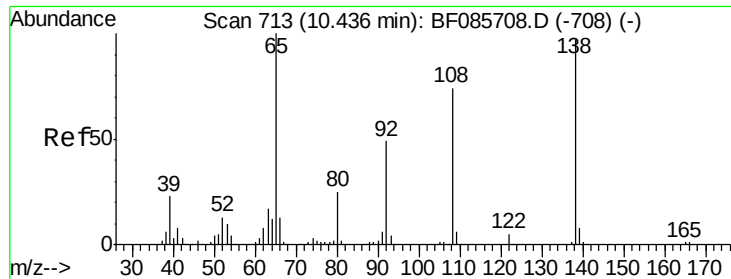
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.07 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	329023		
206	32.9	26.6	39.8	
141	58.8	57.4	86.0	





#61

4-Nitroaniline

Concen: 46.69 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

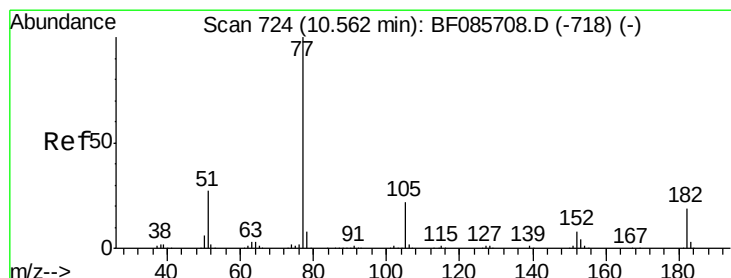
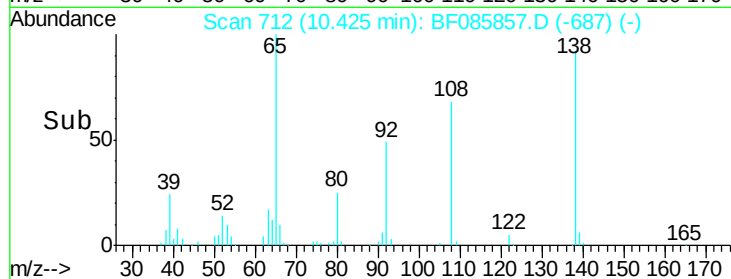
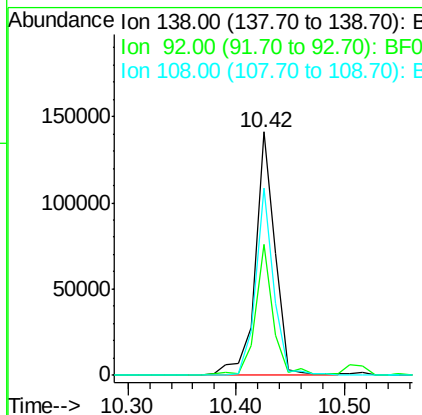
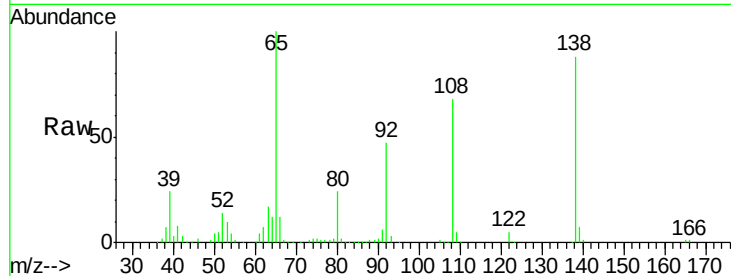
TP-7MS

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Tgt Ion:	138	Resp:	179614
Ion Ratio	Lower	Upper	
138	100		
92	54.0	26.4	66.4
108	77.0	49.0	89.0



#62

Azobenzene

Concen: 52.23 ng

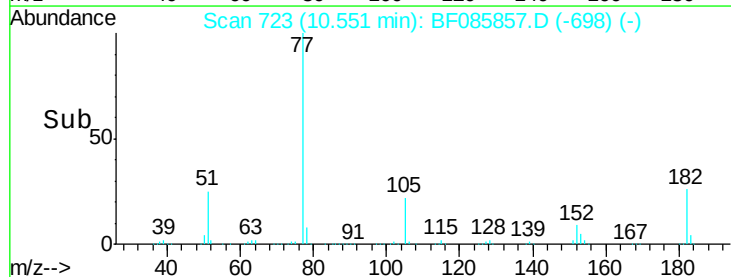
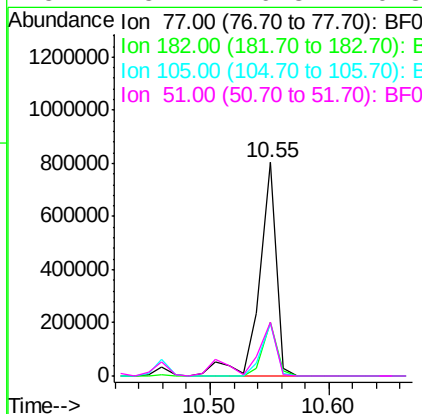
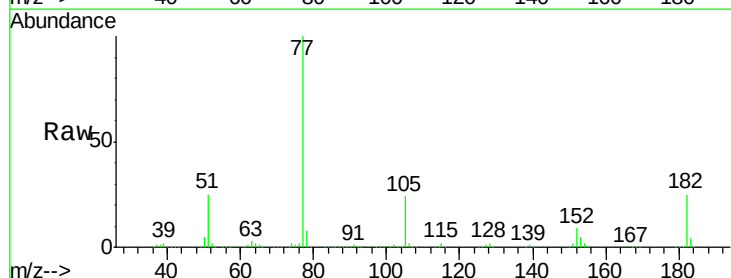
RT: 10.55 min Scan# 723

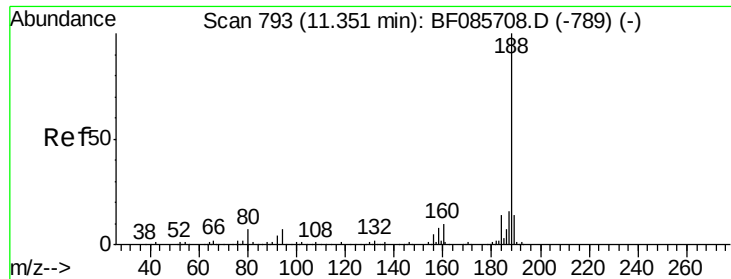
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	77	Resp:	809607
Ion Ratio	Lower	Upper	
77	100		
182	25.2	1.9	41.9
105	24.3	3.5	43.5
51	25.2	6.3	46.3





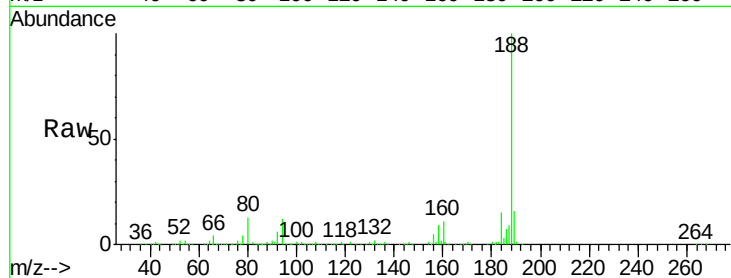
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampled :
TP-7MS

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.9	5.4	8.0#
80	12.7	5.5	8.3#

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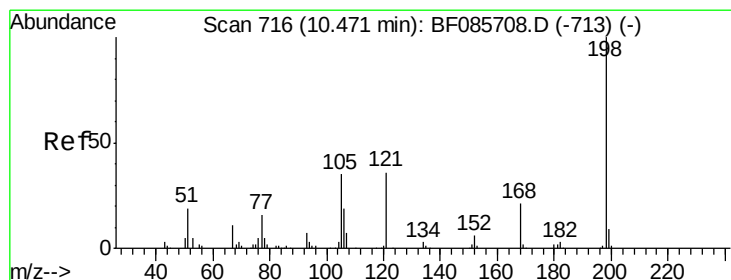
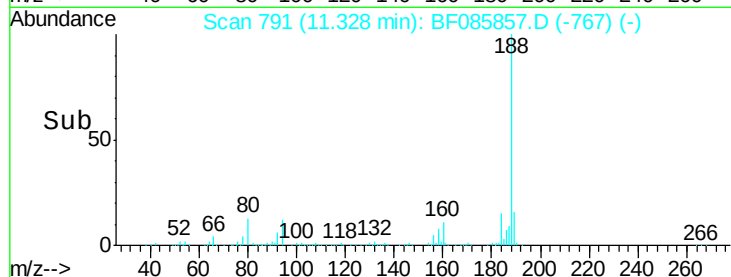
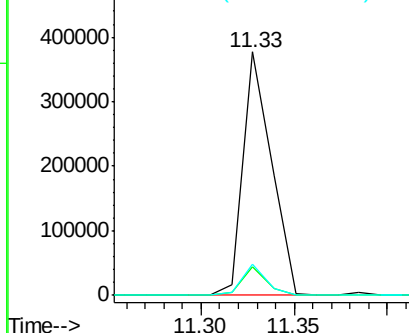
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Abundance Ion 188.00 (187.70 to 188.70): E

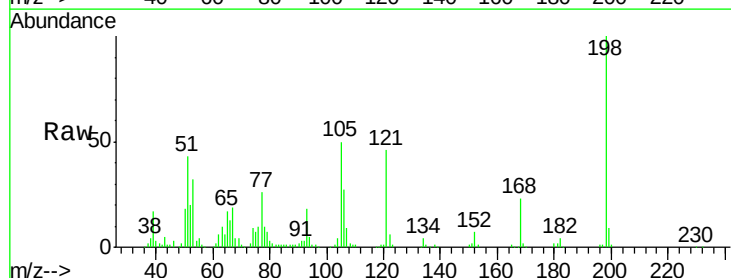
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 46.44 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

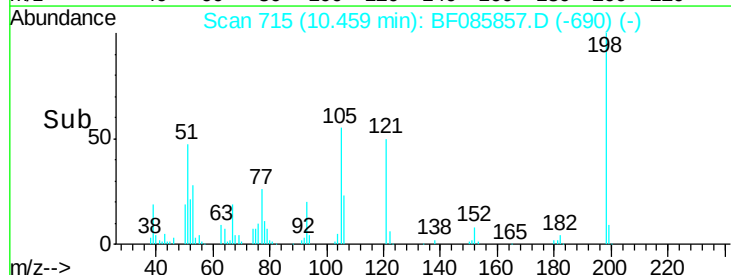
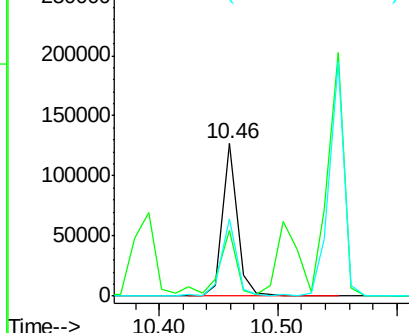
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.3	45.4	85.4#
105	50.5	45.9	85.9

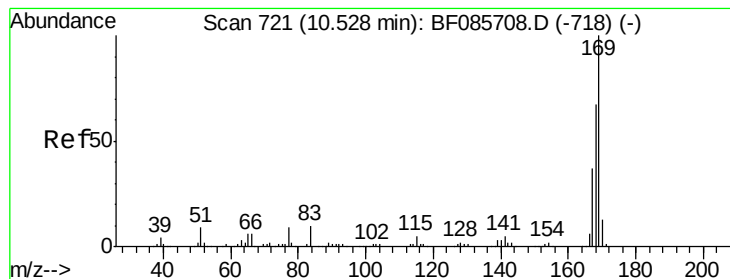


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





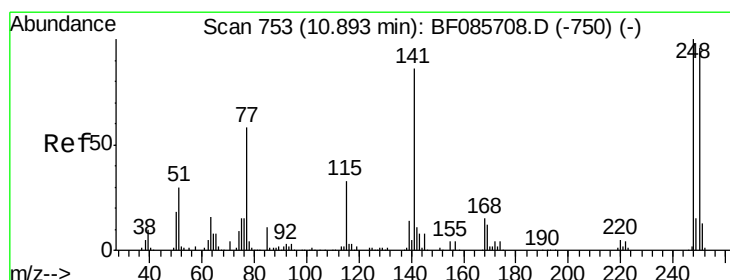
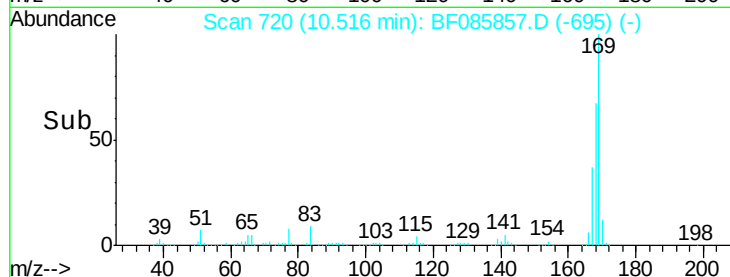
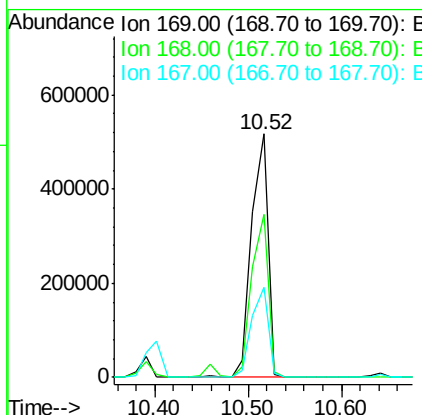
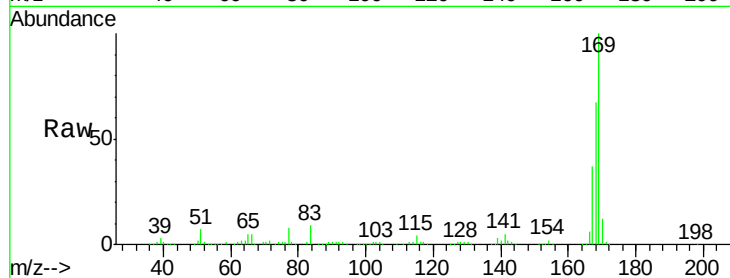
#65
n-Nitrosodiphenylamine
Concen: 49.73 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	630315		
168	66.7	54.4	81.6	
167	36.7	29.4	44.0	

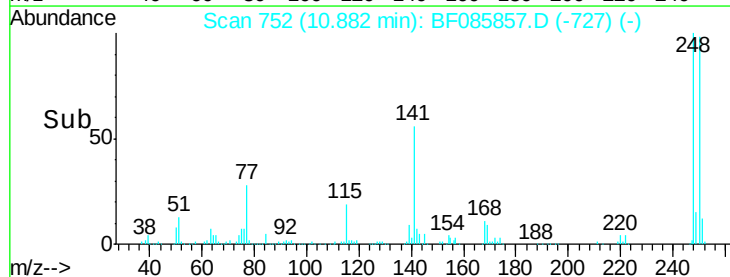
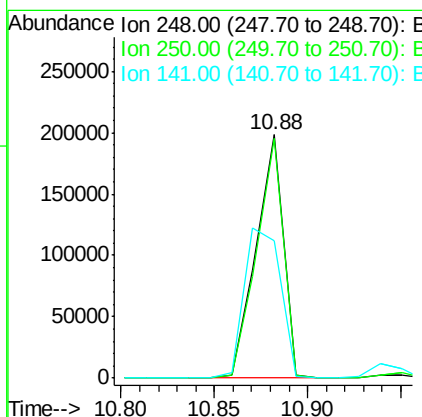
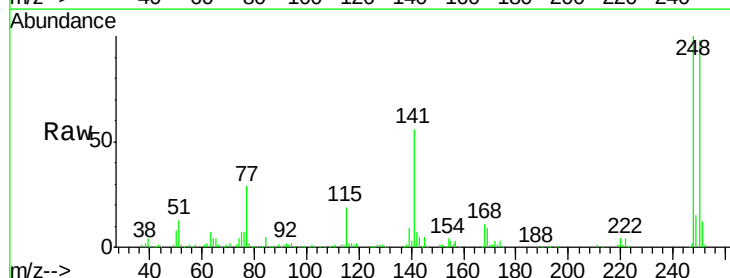
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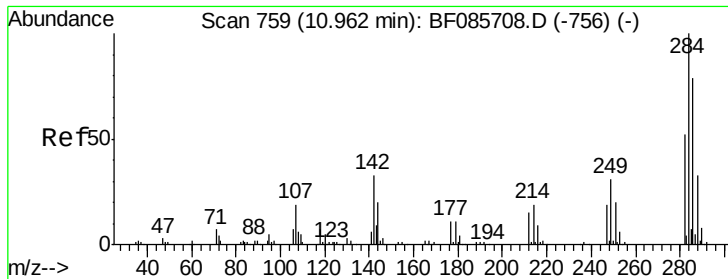
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#66
4-Bromophenyl-phenylether
Concen: 48.88 ng
RT: 10.88 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200122		
250	98.5	77.4	116.0	
141	56.3	63.6	95.4	





#67

Hexachlorobenzene

Concen: 50.87 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085857.D

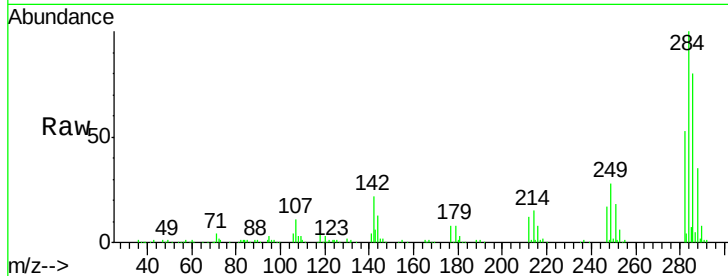
Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

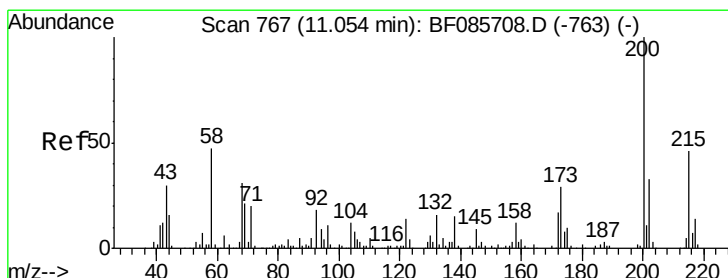
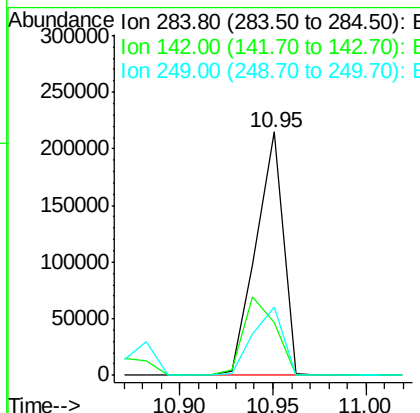
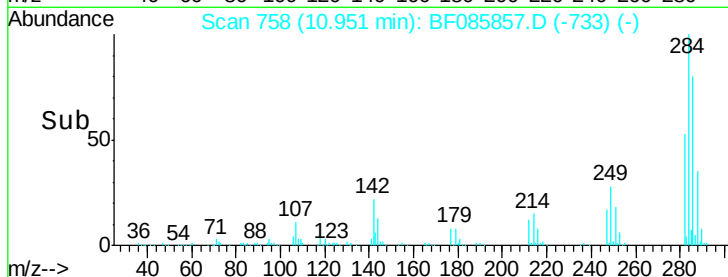
TP-7MS



Tgt Ion:	284	Resp:	217844
Ion Ratio	Lower	Upper	
284	100		
142	21.5	23.1	34.7#
249	28.0	24.2	36.2

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#68

Atrazine

Concen: 46.50 ng

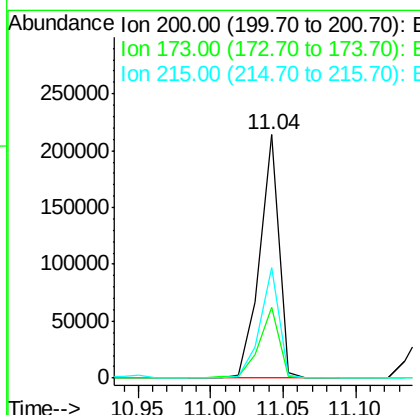
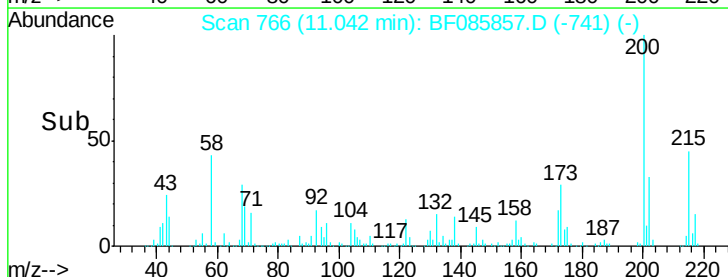
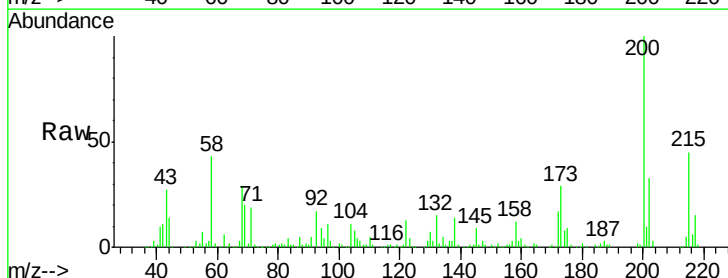
RT: 11.04 min Scan# 766

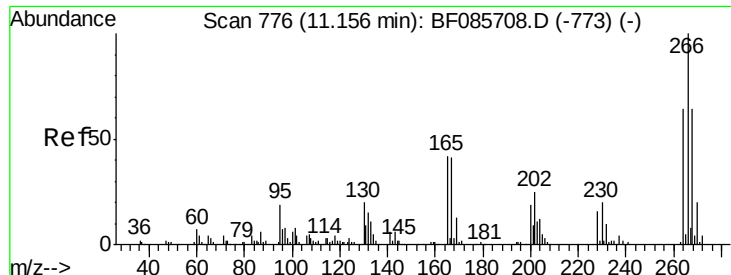
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	200	Resp:	199018
Ion Ratio	Lower	Upper	
200	100		
173	29.2	7.7	47.7
215	45.3	25.4	65.4





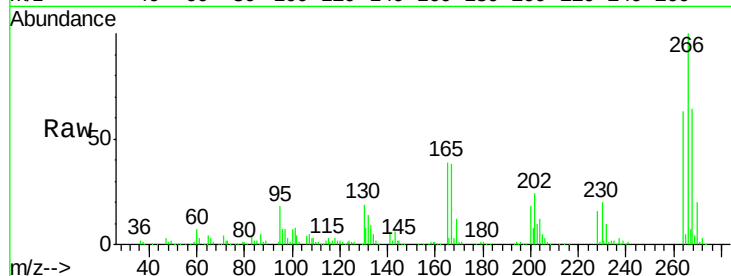
#69
 Pentachlorophenol
 Concen: 100.76 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

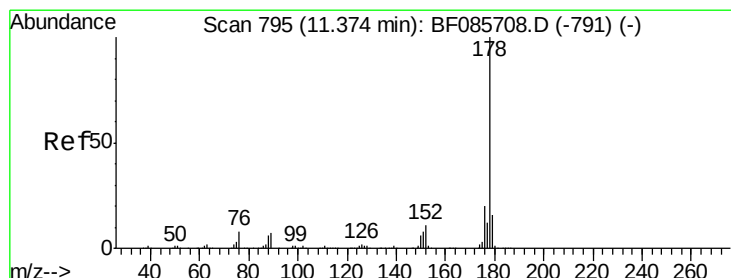
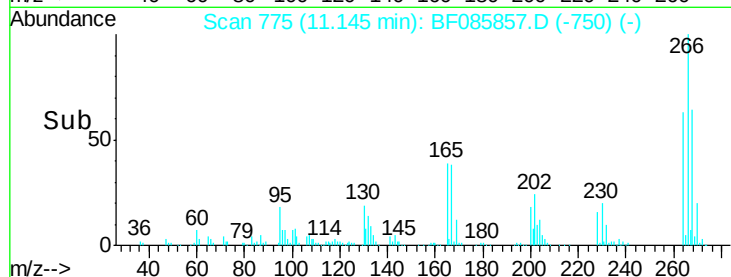
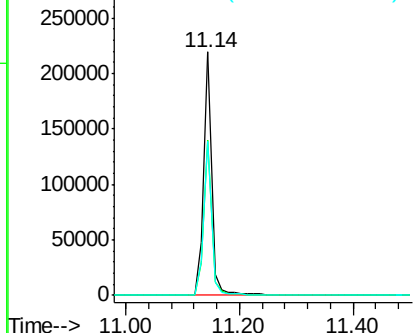
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	211805		
268	63.9	51.5	77.3	
264	63.2	50.6	76.0	

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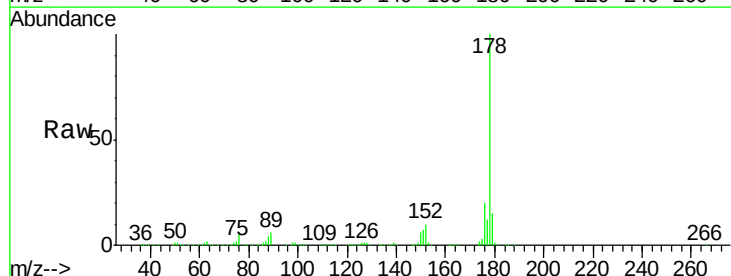


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

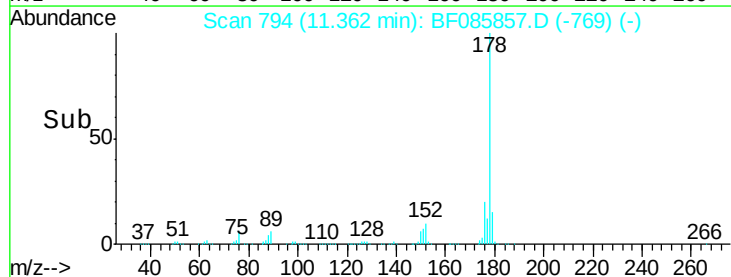
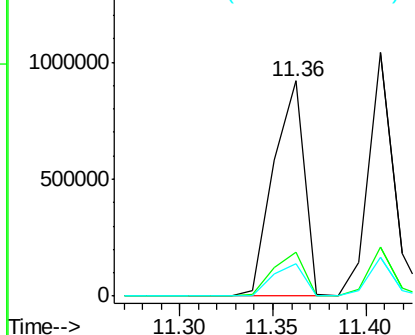


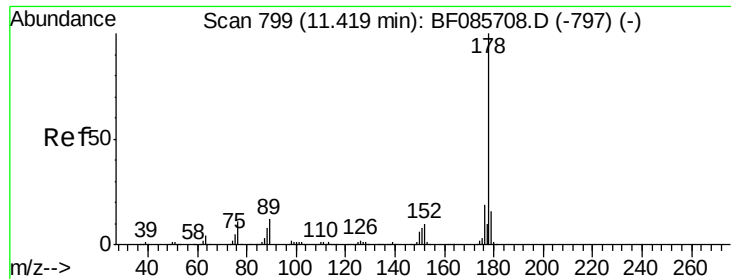
#70
 Phenanthrene
 Concen: 51.44 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1057147		
176	20.2	16.3	24.5	
179	15.3	12.6	18.8	



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





#71

Anthracene

Concen: 43.95 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085857.D

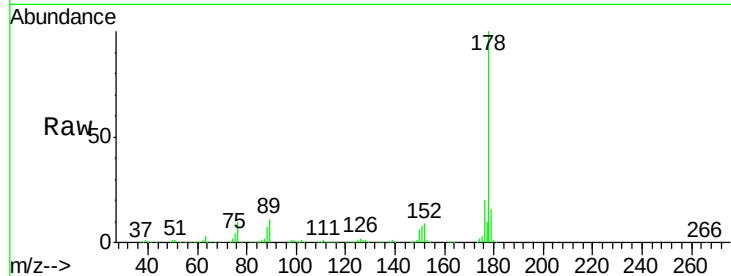
Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

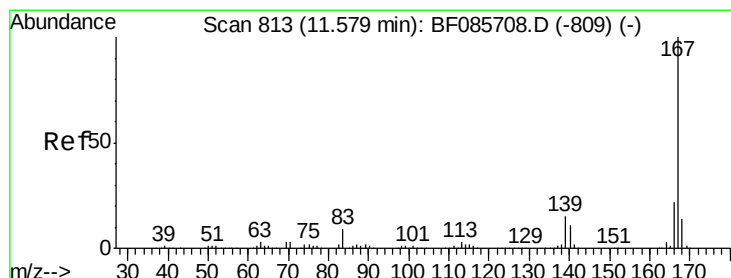
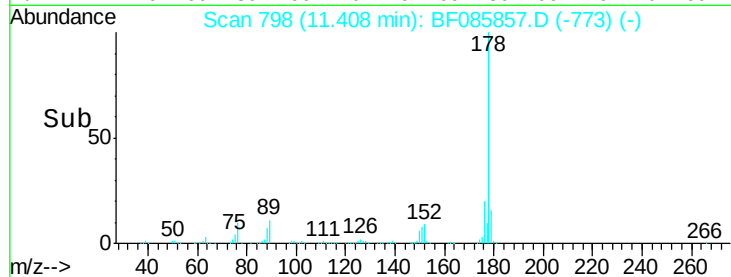
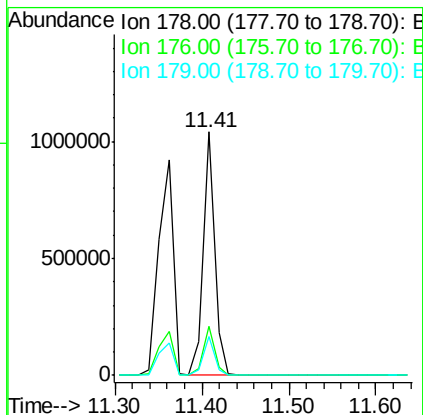
TP-7MS



Tgt Ion:	178	Resp:	948102
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.9	23.9
179	16.2	13.0	19.4

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#72

Carbazole

Concen: 53.05 ng

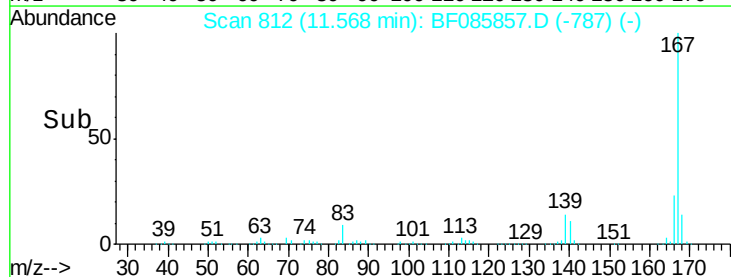
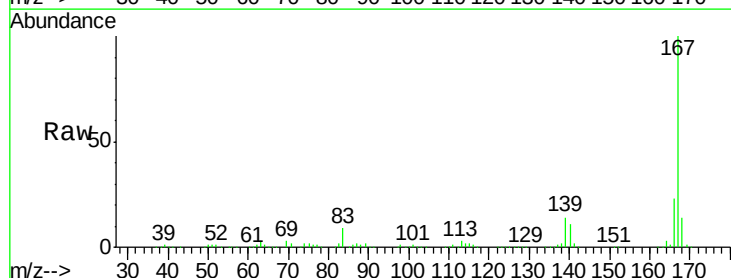
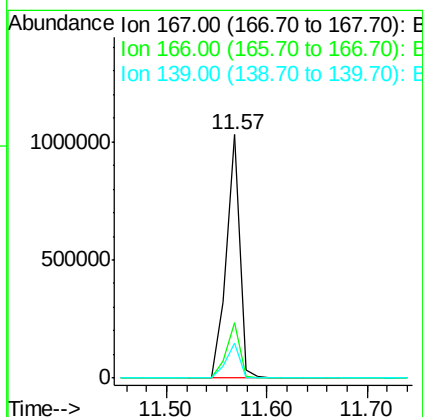
RT: 11.57 min Scan# 812

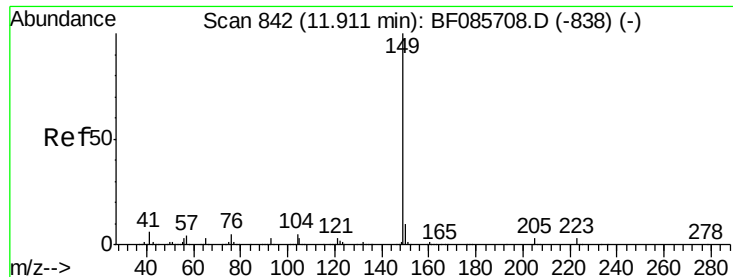
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	167	Resp:	960822
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.8	26.8
139	14.5	11.6	17.4





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

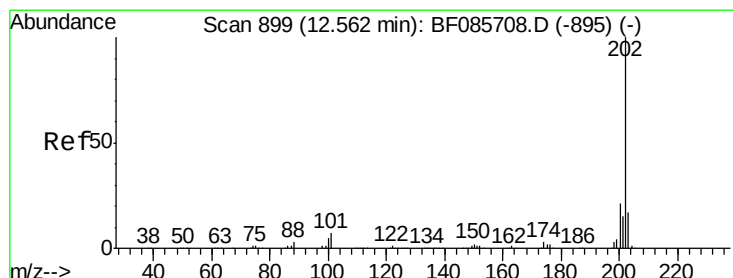
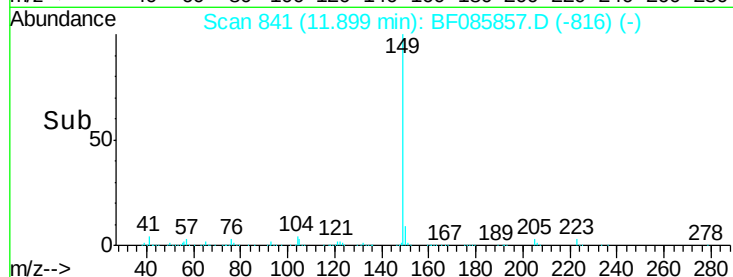
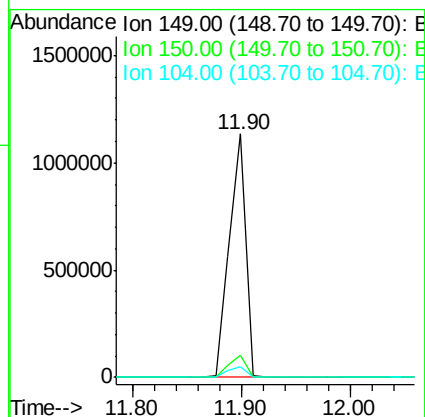
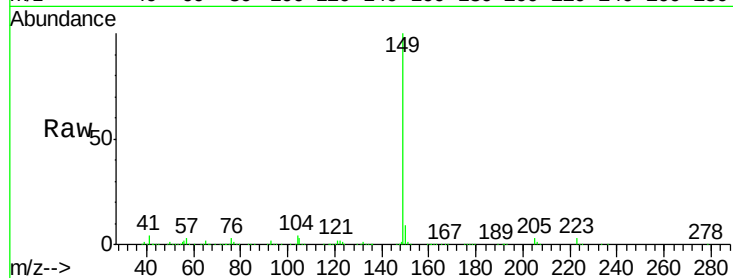
TP-7MS

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Tgt Ion:	149	Resp:	1179716
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.3	3.8	5.8



#74

Fluoranthene

Concen: 42.27 ng

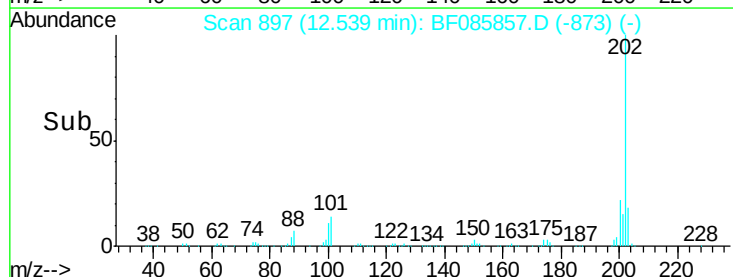
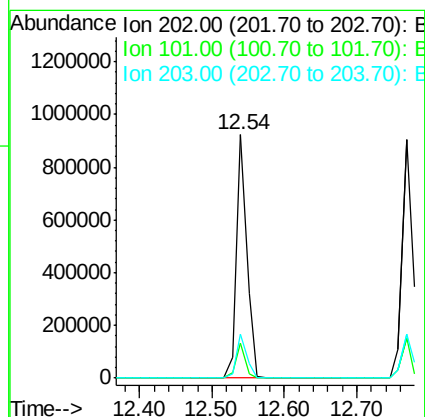
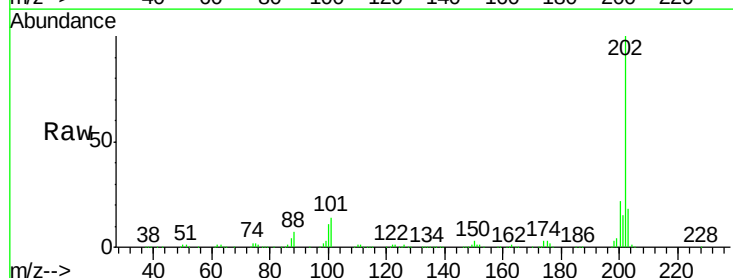
RT: 12.54 min Scan# 897

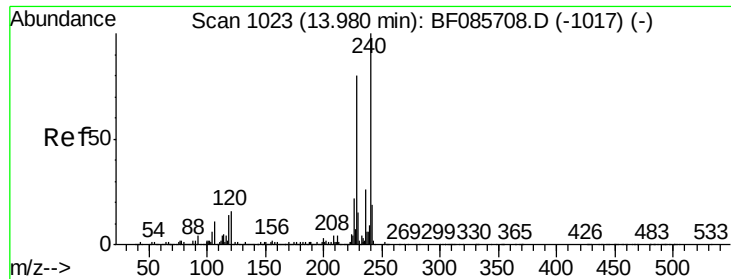
Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	202	Resp:	923300
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	36.6
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

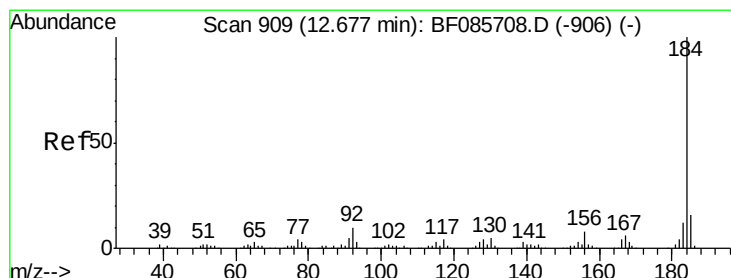
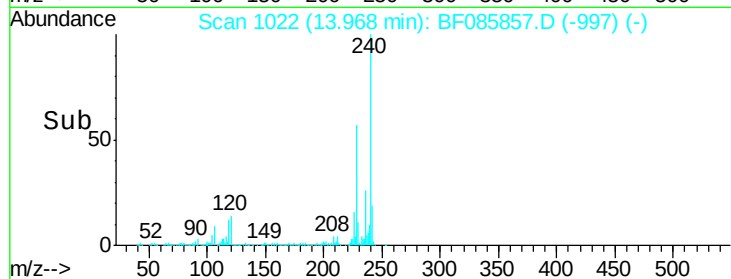
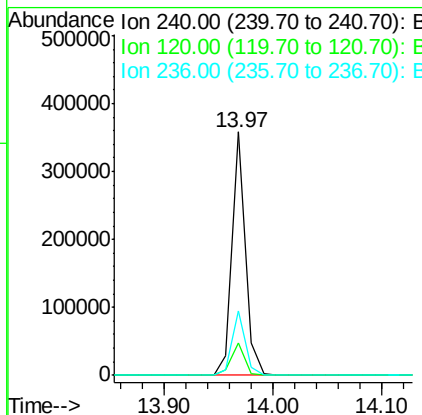
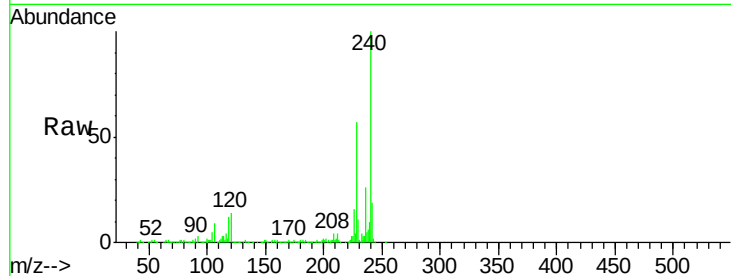
ClientSampleId :

TP-7MS

Tgt Ion:	240	Resp:	302642
Ion Ratio	Lower	Upper	
240	100		
120	13.6	13.8	20.8#
236	26.3	20.6	30.8

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#76

Benzidine

Concen: 36.74 ng

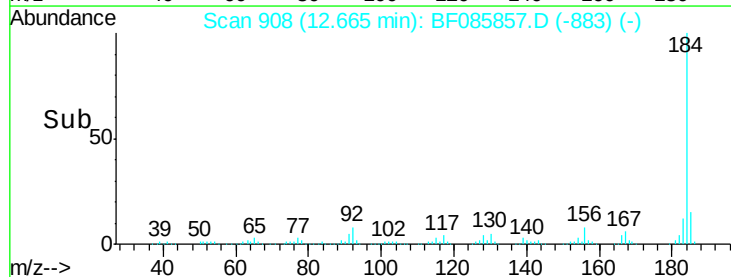
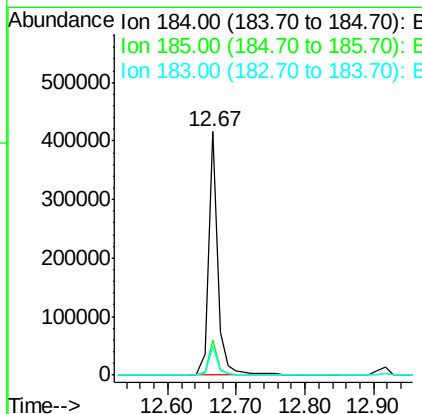
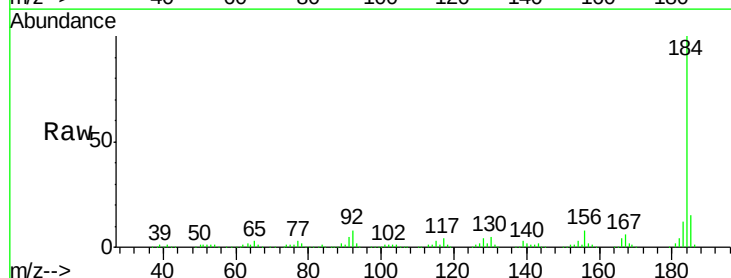
RT: 12.67 min Scan# 908

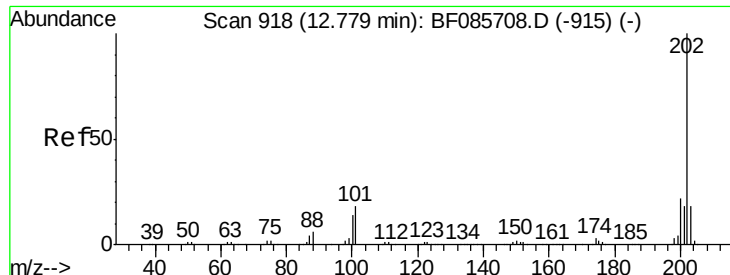
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	184	Resp:	391626
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.4	18.6
183	11.5	9.4	14.2





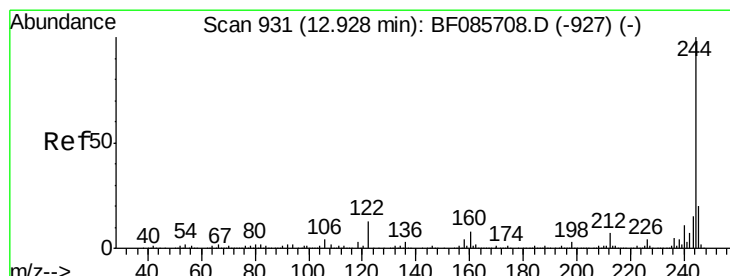
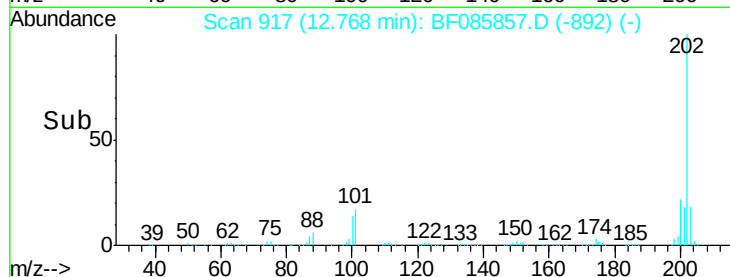
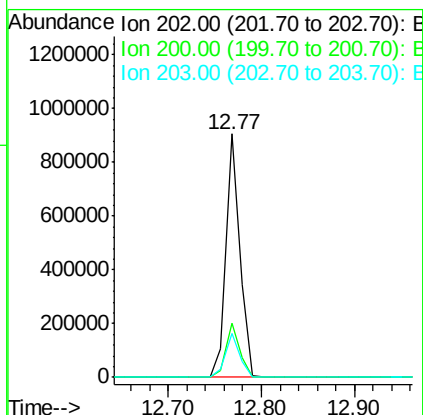
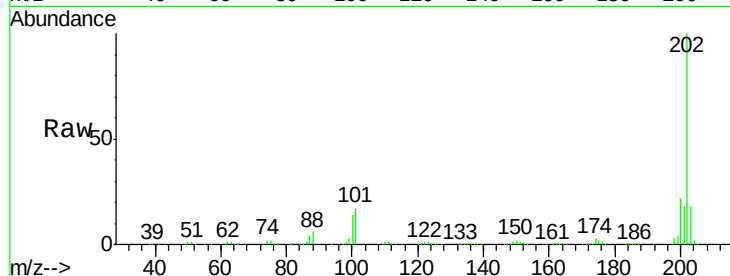
#77
Pyrene
 Concen: 37.93 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.3	17.6	26.4
203	18.3	14.0	21.0

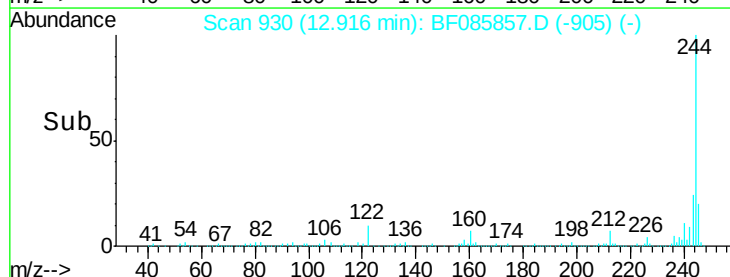
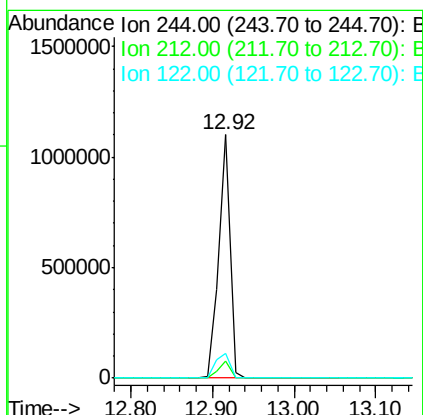
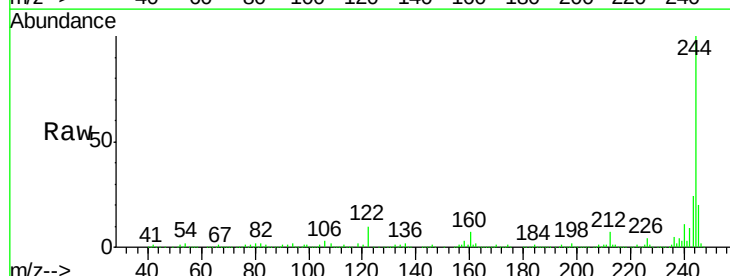
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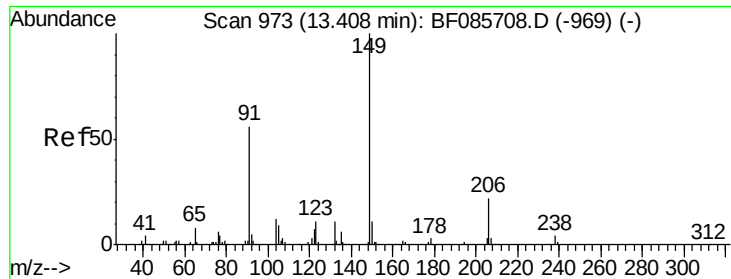
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#78
Terphenyl-d14
 Concen: 71.92 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.1	9.1
122	10.1	10.2	15.4#





#79

Butylbenzylphthalate

Concen: 40.36 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF085857.D

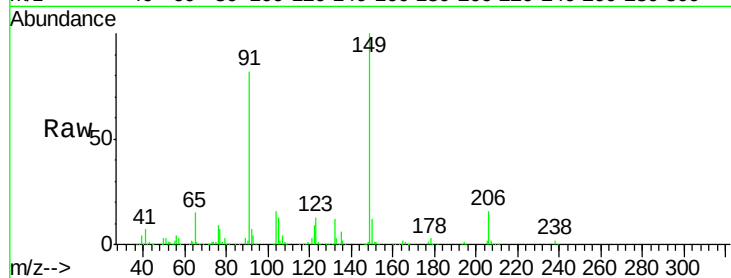
Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

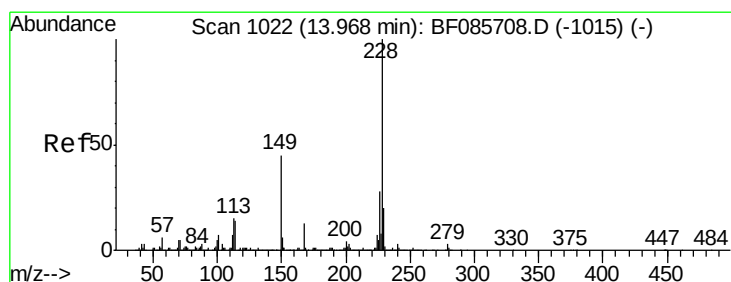
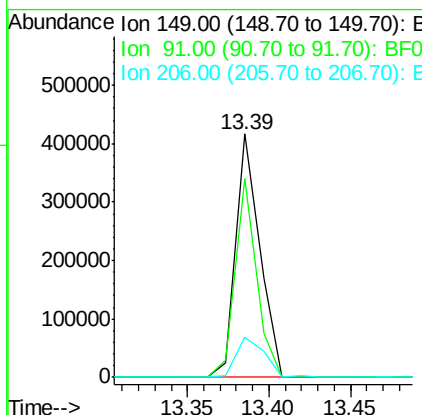
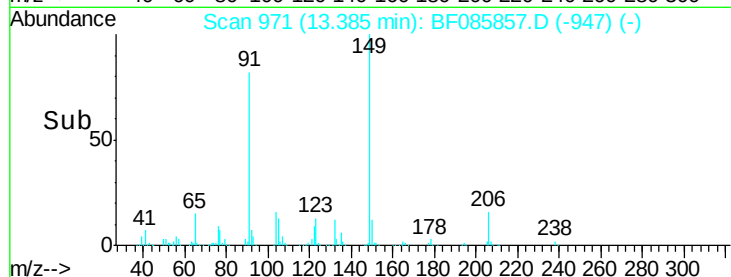
TP-7MS



Tgt Ion:	149	Resp:	420435
Ion Ratio	Lower	Upper	
149	100		
91	81.7	45.8	68.8#
206	16.3	17.8	26.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 43.99 ng

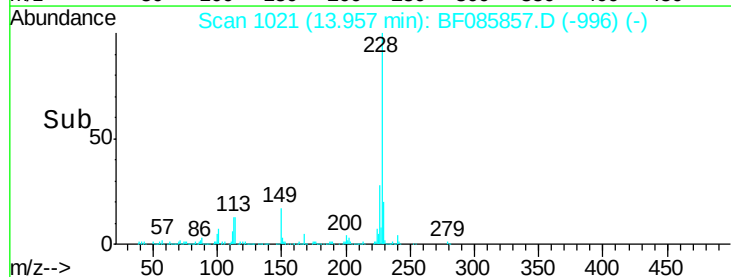
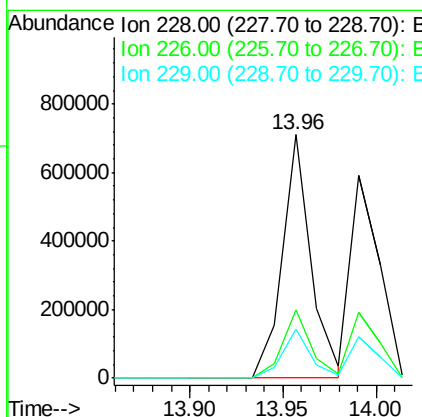
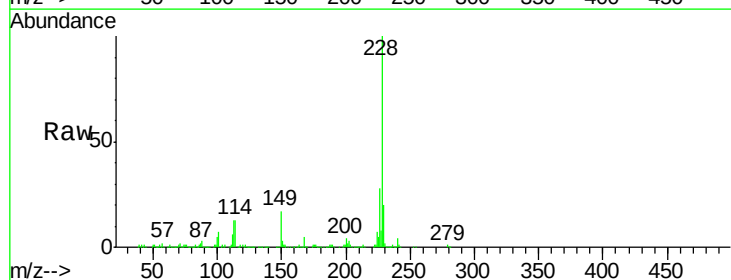
RT: 13.96 min Scan# 1021

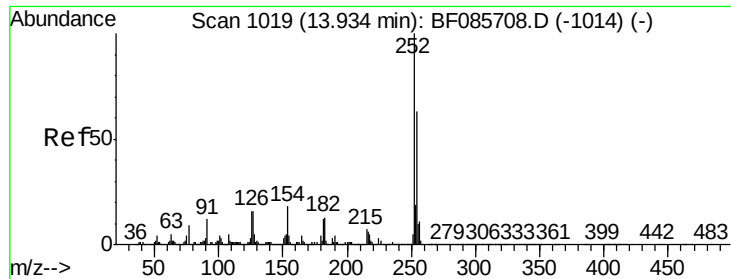
Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	228	Resp:	759046
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.1	33.1
229	20.1	16.2	24.4





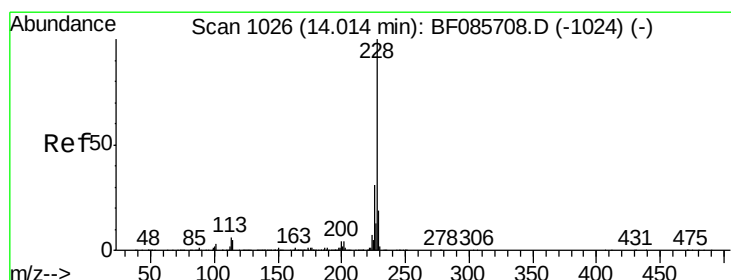
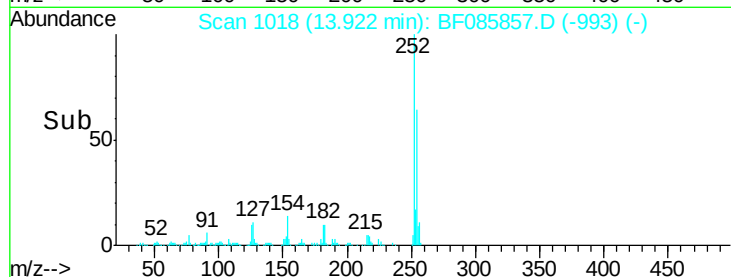
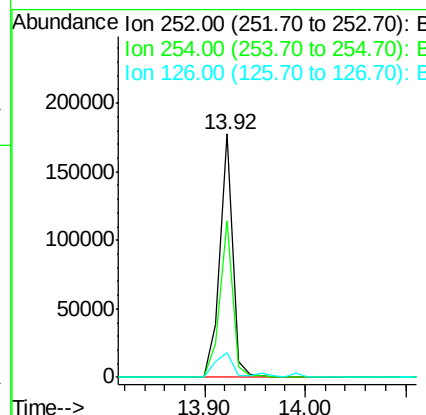
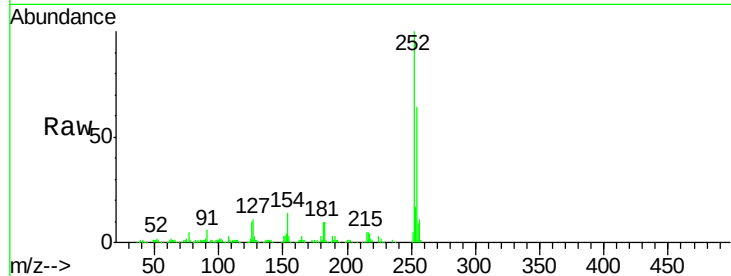
#81
 3,3'-Dichlorobenzidine
 Concen: 13.40 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	160543		
254	64.3	50.7	76.1	
126	10.4	11.8	17.6	

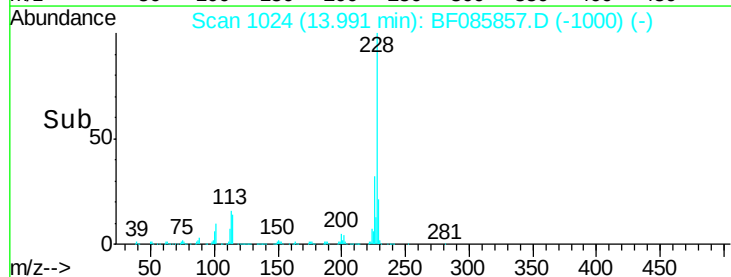
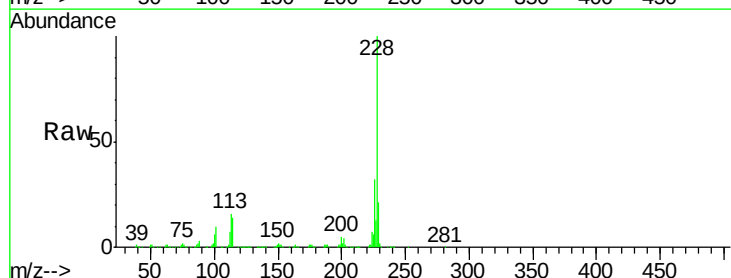
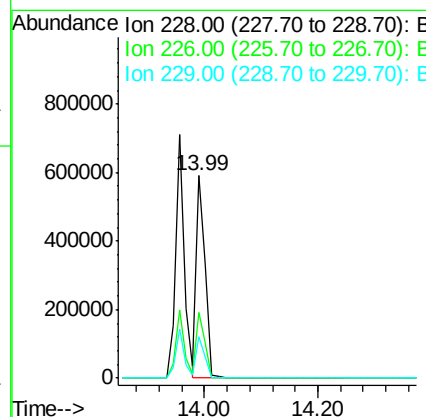
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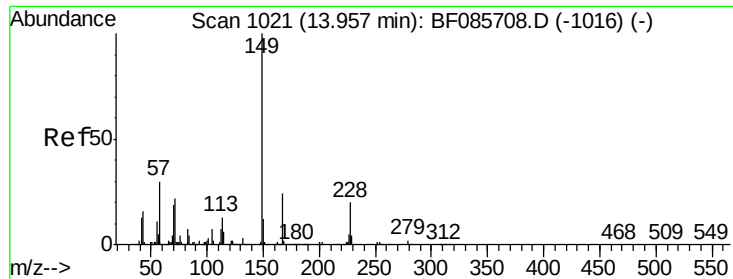
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#82
 Chrysene
 Concen: 37.56 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	652934		
226	32.2	25.0	37.6	
229	20.7	15.7	23.5	





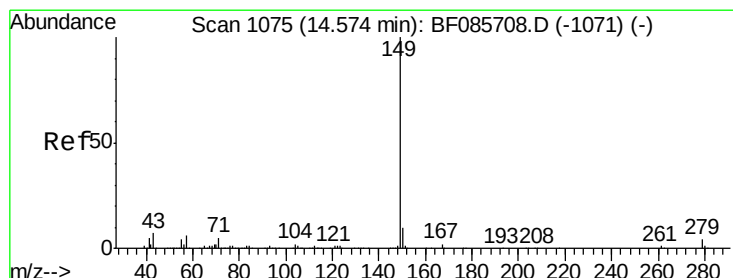
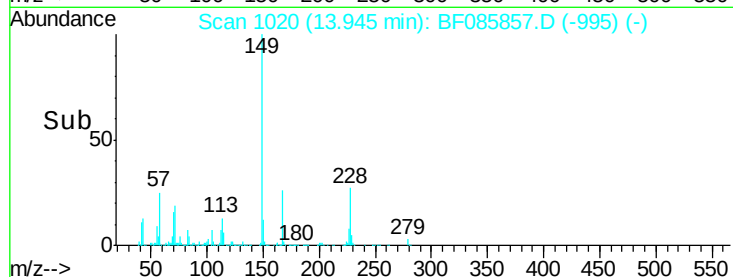
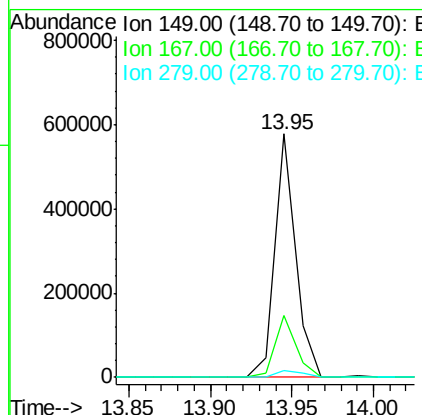
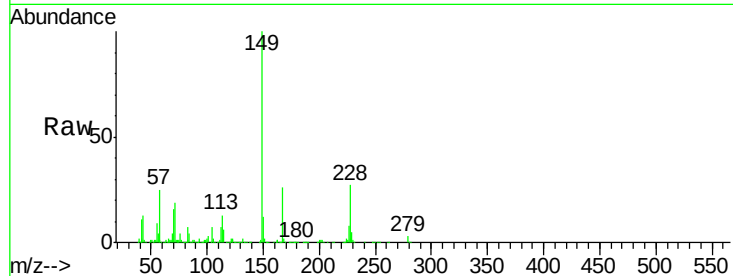
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.26 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.6	19.4	29.2
279	2.6	1.5	2.3#

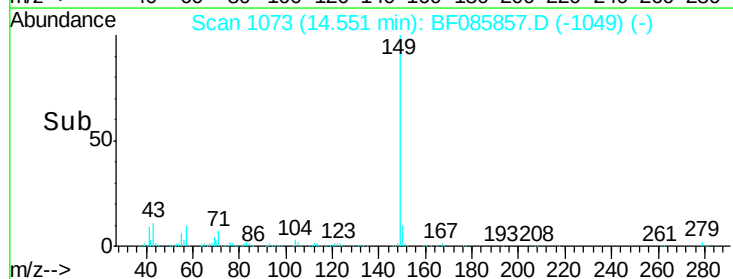
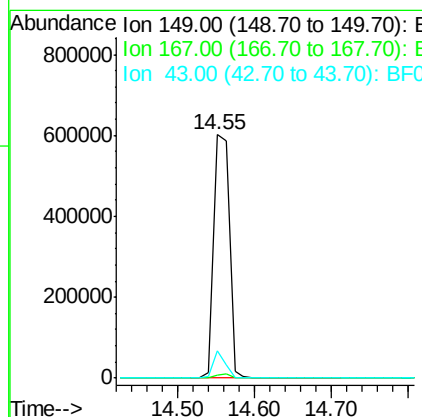
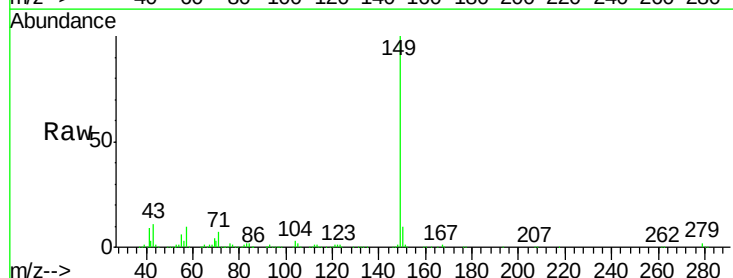
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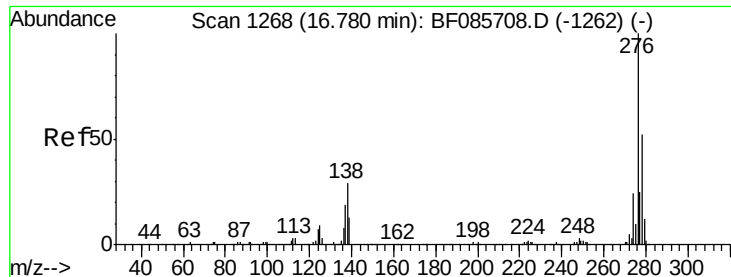
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#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.5	7.1	10.7





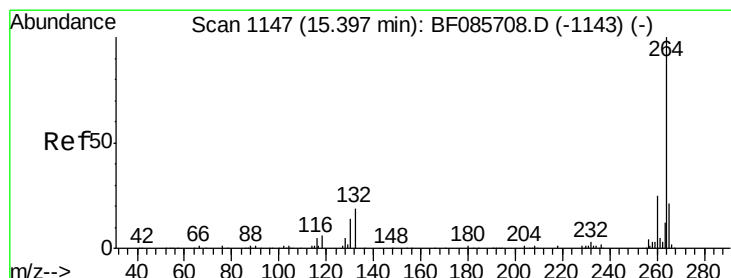
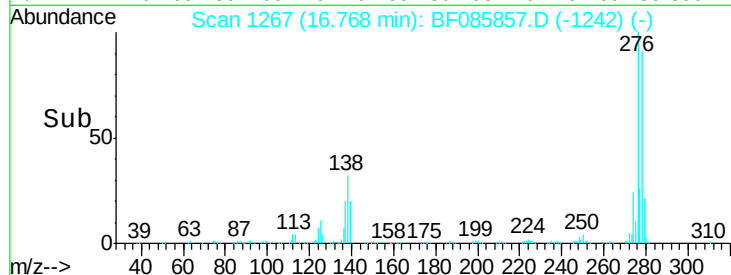
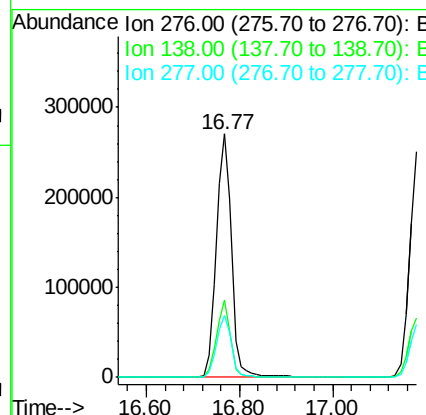
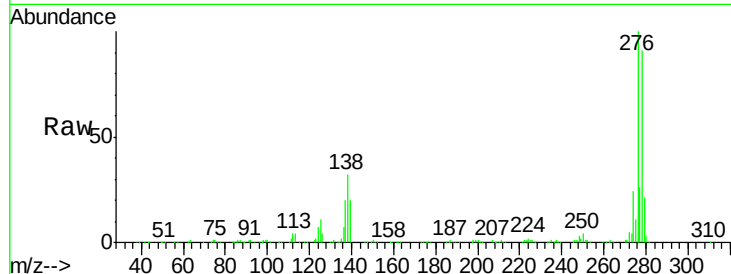
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.93 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.0	20.0	30.0

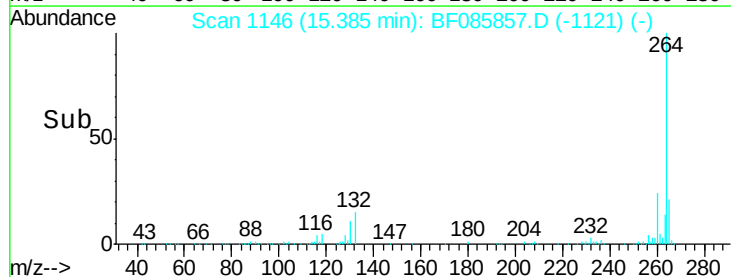
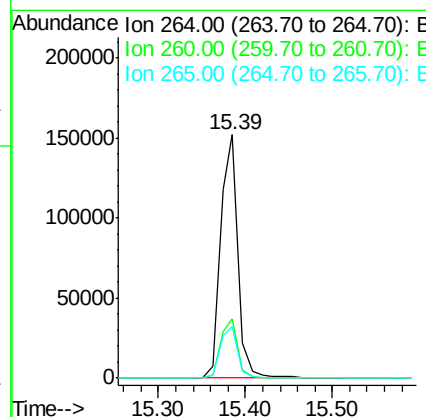
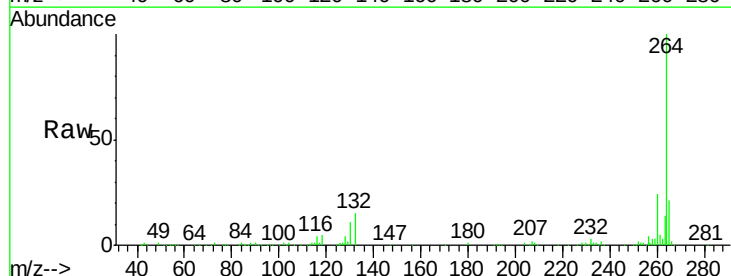
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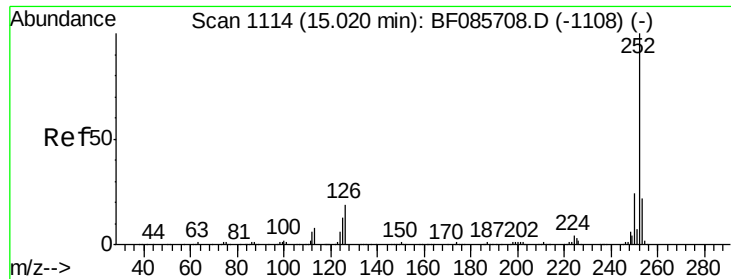
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 53.25 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion: 252 Resp: 710157
Ion Ratio Lower Upper

252 100

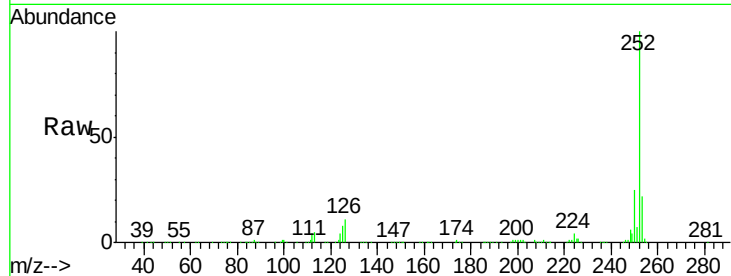
253 21.9 17.6 26.4

125 8.3 10.3 15.5#

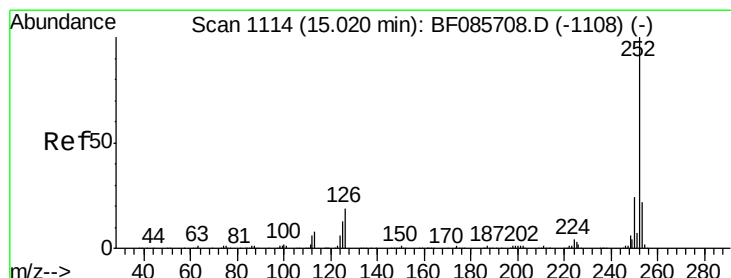
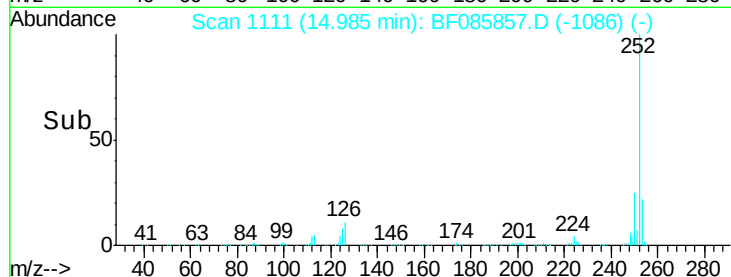
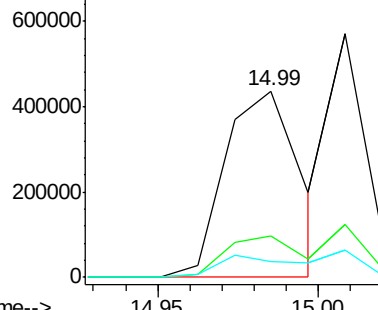
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.32 ng m

RT: 15.01 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

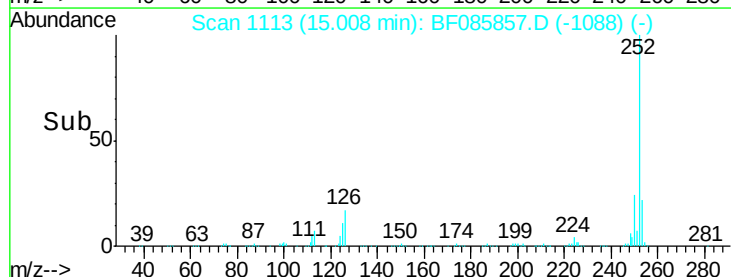
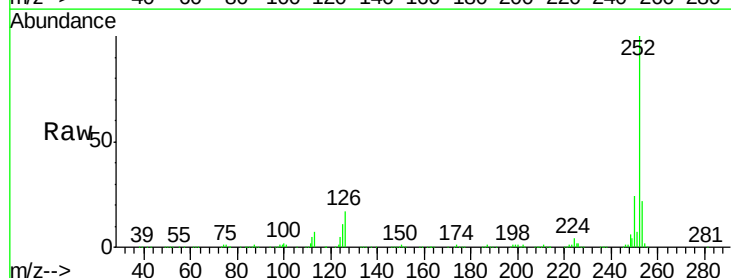
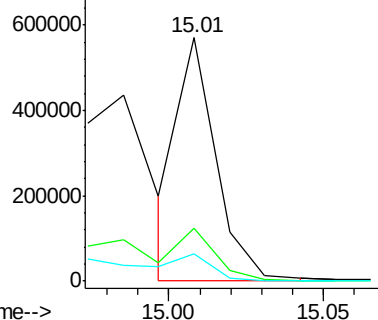
Tgt Ion: 252 Resp: 484732
Ion Ratio Lower Upper

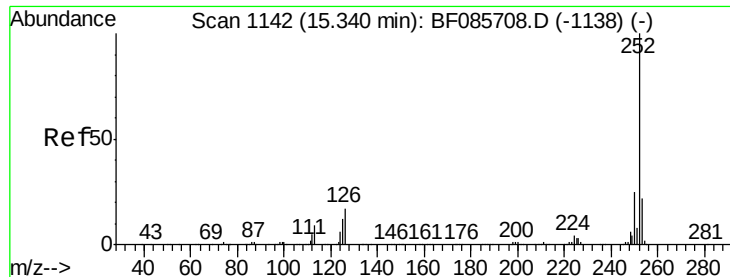
252 100

253 22.0 17.8 26.6

125 11.3 7.7 11.5

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





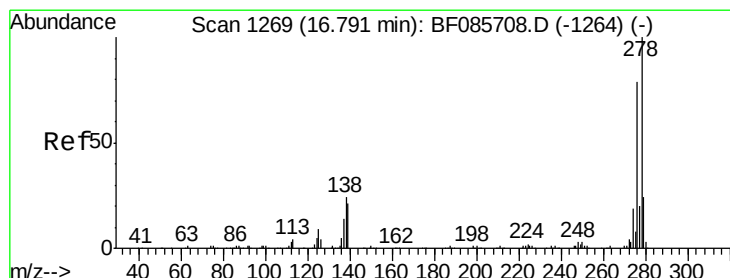
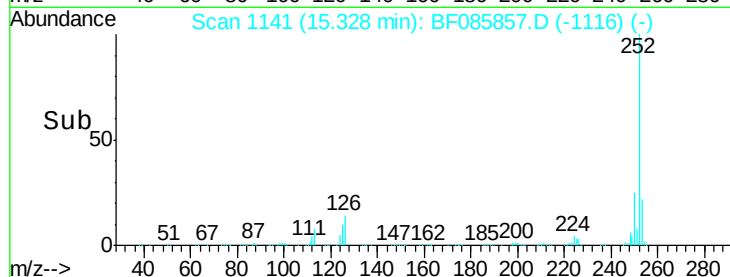
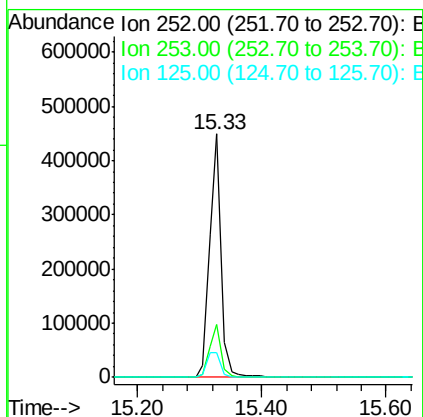
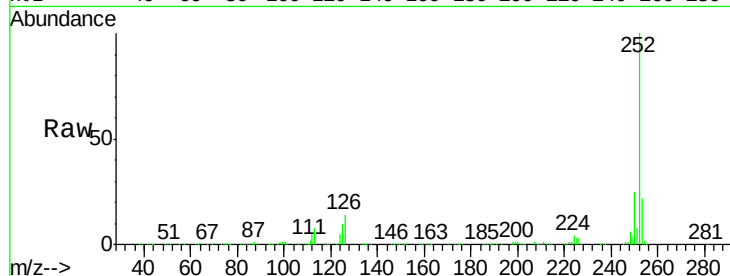
#89
Benzo(a)pyrene
Concen: 47.85 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.2	10.3	15.5#

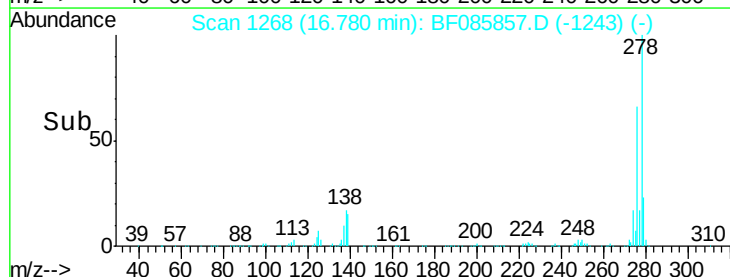
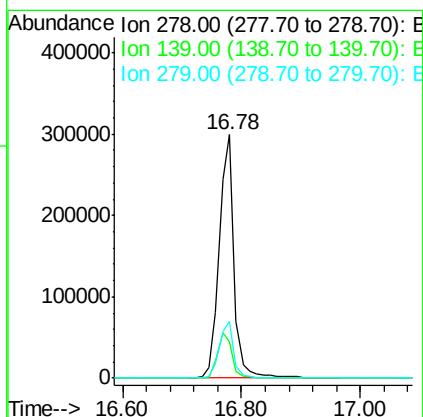
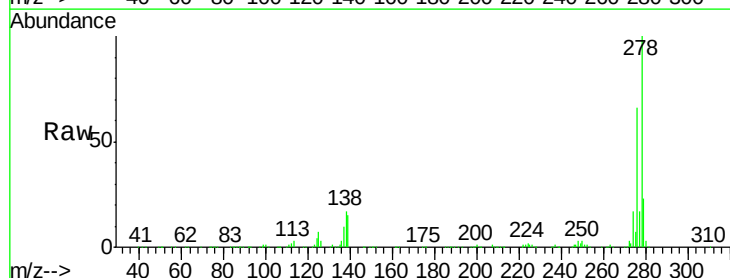
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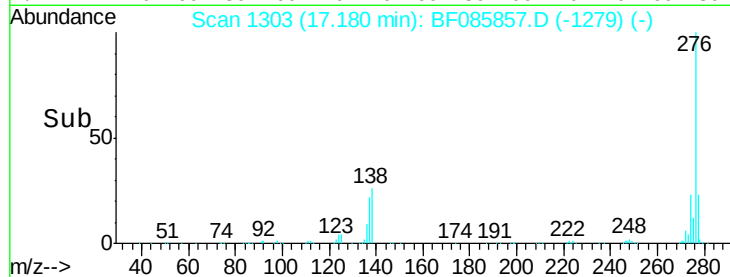
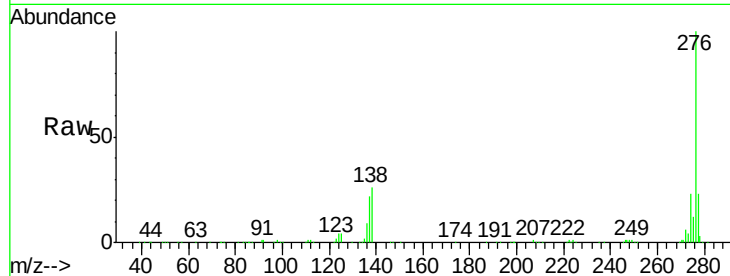
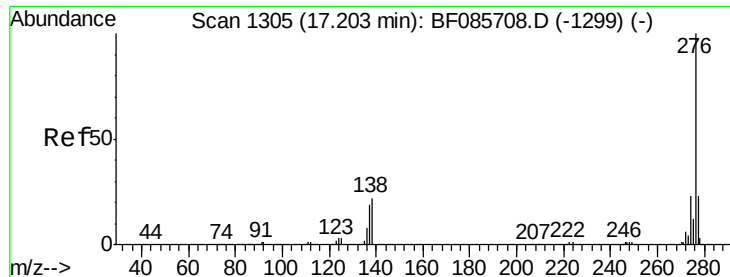
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#90
Dibenzo(a,h)anthracene
Concen: 47.28 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.4	21.6
279	23.4	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 46.55 ng

RT: 17.18 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:	276	Resp:	518644
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	26.1	22.6	34.0

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Manual Integrations
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