

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085858.D
 Acq On : 29 Mar 2016 19:36
 Operator : UM/SJ
 Sample : H1970-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:06:29 PM

Quant Time: Mar 30 01:17:51 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	110924	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	463503	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	207963	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	402215	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	304148	20.00	ng	-0.01
86) Perylene-d12	15.39	264	222479	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	865647	129.97	ng	0.00
7) Phenol-d6	6.45	99	1214237	143.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	754821	91.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	302593	153.14	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1220068	98.02	ng	-0.02
78) Terphenyl-d14	12.92	244	1121741	75.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	125808	39.56	ng	99
3) Pyridine	3.13	79	322925	42.35	ng	100
4) n-Nitrosodimethylamine	3.09	42	163260	53.49	ng	99
6) Aniline	6.47	93	399988	35.09	ng	# 70
8) 2-Chlorophenol	6.60	128	380810	49.21	ng	97
9) Benzaldehyde	6.36	77	42125	8.26	ng	95
10) Phenol	6.47	94	404335	42.14	ng	# 64
11) bis(2-Chloroethyl)ether	6.55	93	363868	49.28	ng	98
12) 1,3-Dichlorobenzene	6.74	146	365715	43.89	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	390700	46.23	ng	96
14) 1,2-Dichlorobenzene	6.97	146	338872	43.03	ng	94
15) Benzyl Alcohol	6.95	79	288525	51.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	422031	43.08	ng	94
17) 2-Methylphenol	7.08	107	318545	51.42	ng	99
18) Hexachloroethane	7.32	117	133716	43.21	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	239931	47.32	ng	93
20) 3+4-Methylphenols	7.22	107	342251	45.95	ng	97
22) Acetophenone	7.22	105	467303	43.28	ng	# 97
24) Nitrobenzene	7.40	77	399547	47.09	ng	95
25) Isophorone	7.64	82	723883	45.65	ng	97
26) 2-Nitrophenol	7.72	139	218168	51.40	ng	94
27) 2,4-Dimethylphenol	7.75	122	319393	43.05	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	433157	47.95	ng	98
29) 2,4-Dichlorophenol	7.96	162	307739	49.34	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	312510	45.13	ng	97
31) Naphthalene	8.12	128	1070380	45.83	ng	99
32) Benzoic acid	7.75	122	319393	64.82	ng	# 15
33) 4-Chloroaniline	8.17	127	242680	25.45	ng	96
34) Hexachlorobutadiene	8.23	225	151391	40.23	ng	99
35) Caprolactam	8.55	113	102851m	46.55	ng	
36) 4-Chloro-3-methylphenol	8.66	107	352759	48.42	ng	91
37) 2-Methylnaphthalene	8.80	142	671798	50.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	266514	43.22	ng	99
40) Hexachlorocyclopentadiene	8.96	237	209028	81.17	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194446	46.68	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	206720	47.33	ng #	81
45) 1,1'-Biphenyl	9.27	154	737293	42.01	ng	99
46) 2-Chloronaphthalene	9.29	162	581997	45.10	ng #	92
47) 2-Nitroaniline	9.40	65	189621	48.06	ng	94
48) Acenaphthylene	9.72	152	985165	46.86	ng	99
49) Dimethylphthalate	9.58	163	906348	57.44	ng	100
50) 2,6-Dinitrotoluene	9.65	165	172214	50.71	ng #	57
51) Acenaphthene	9.89	154	582562	45.36	ng	99
52) 3-Nitroaniline	9.81	138	139035	35.77	ng	96
53) 2,4-Dinitrophenol	9.92	184	60543	38.66	ng #	79
54) Dibenzofuran	10.06	168	861044	51.80	ng	96
55) 4-Nitrophenol	9.98	139	239562	94.59	ng	88
56) 2,4-Dinitrotoluene	10.05	165	204853	47.46	ng #	63
57) Fluorene	10.40	166	661644	47.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	158492	52.21	ng	99
59) Diethylphthalate	10.28	149	707561	45.39	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	323145	47.83	ng	90
61) 4-Nitroaniline	10.42	138	175580	47.22	ng	91
62) Azobenzene	10.55	77	788939	52.67	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	110062	46.73	ng #	72
65) n-Nitrosodiphenylamine	10.52	169	612834	48.11	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	194209	47.20	ng #	87
67) Hexachlorobenzene	10.95	284	210400	48.89	ng #	91
68) Atrazine	11.04	200	197660	45.96	ng	99
69) Pentachlorophenol	11.14	266	209056	98.95	ng	99
70) Phenanthrene	11.36	178	1001583	48.50	ng	99
71) Anthracene	11.41	178	937128	43.22	ng	99
72) Carbazole	11.57	167	968646	53.21	ng	99
73) Di-n-butylphthalate	11.90	149	1157200	46.33	ng	99
74) Fluoranthene	12.54	202	903739	41.17	ng	97
76) Benzidine	12.67	184	354370	33.08	ng	98
77) Pyrene	12.77	202	918556	36.74	ng	99
79) Butylbenzylphthalate	13.39	149	416429	39.77	ng #	75
80) Benzo(a)anthracene	13.96	228	739049	42.61	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	151837	12.62	ng #	96
82) Chrysene	13.99	228	626262	35.85	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516007	41.16	ng #	98
84) Di-n-octyl phthalate	14.55	149	870775	46.71	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	603737	44.76	ng	99
87) Benzo(b)fluoranthene	14.99	252	694802m	49.57	ng	
88) Benzo(k)fluoranthene	15.01	252	490892m	38.85	ng	
89) Benzo(a)pyrene	15.33	252	570389	45.83	ng #	97
90) Dibenzo(a,h)anthracene	16.78	278	509509	44.07	ng	97
91) Benzo(g,h,i)perylene	17.18	276	506823	43.29	ng	98

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

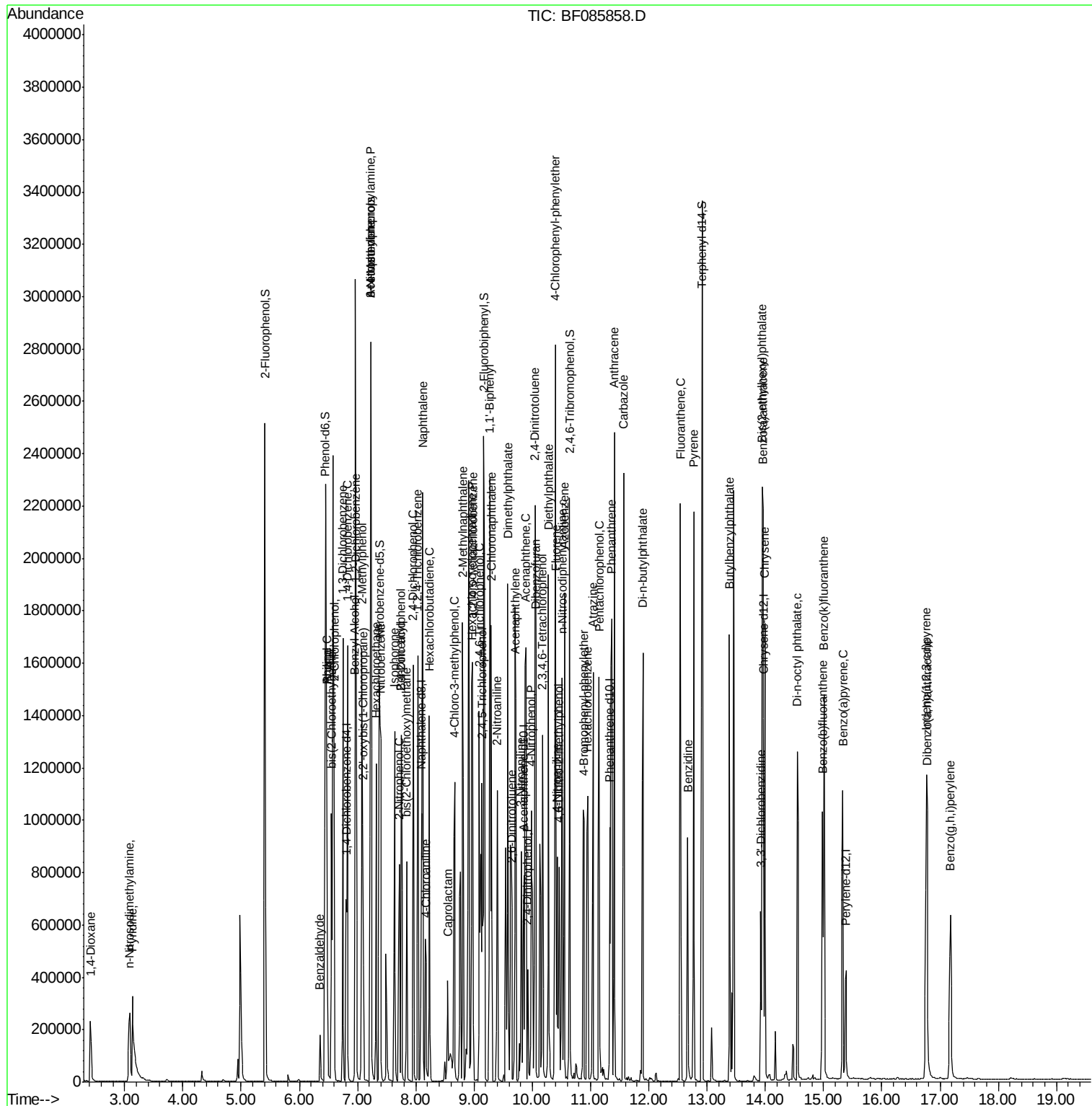
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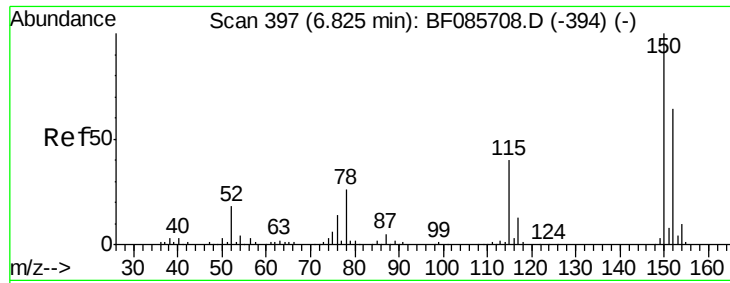
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion: 152 Resp: 110924

Ion Ratio Lower Upper

152 100

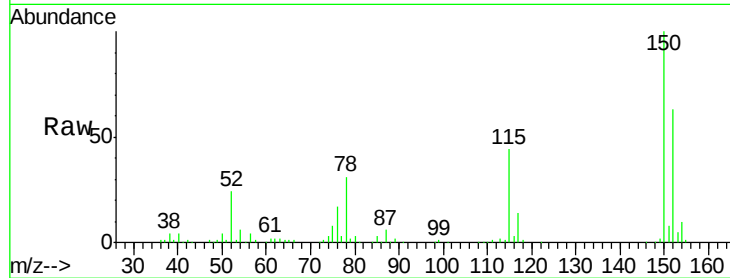
150 159.4 124.2 186.2

115 69.5 47.0 70.6

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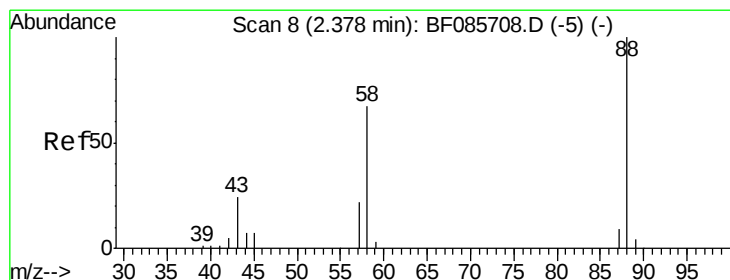
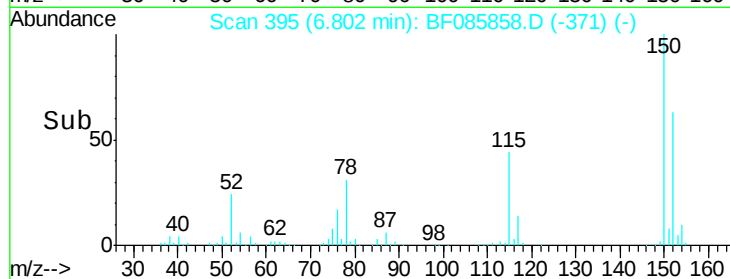
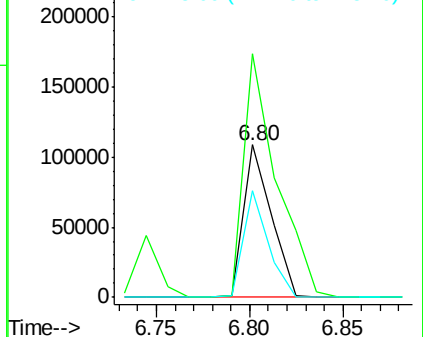
3/30/2016 7:06:29 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.56 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

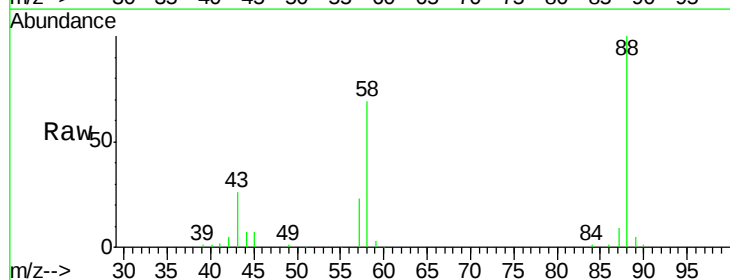
Tgt Ion: 88 Resp: 125808

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

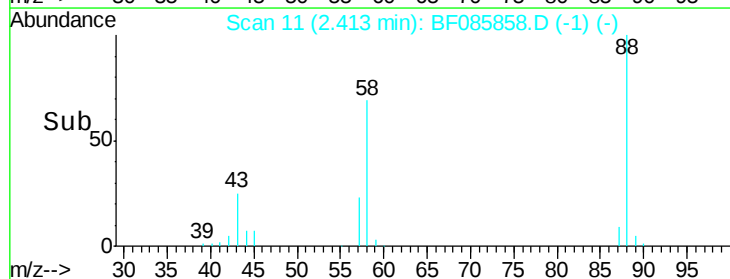
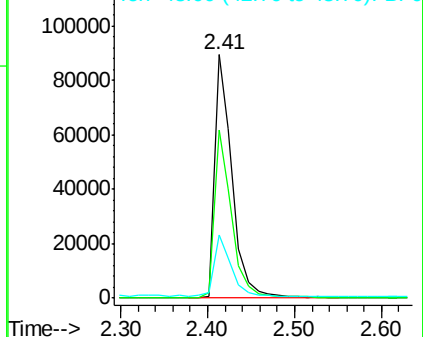
43 24.8 19.3 28.9

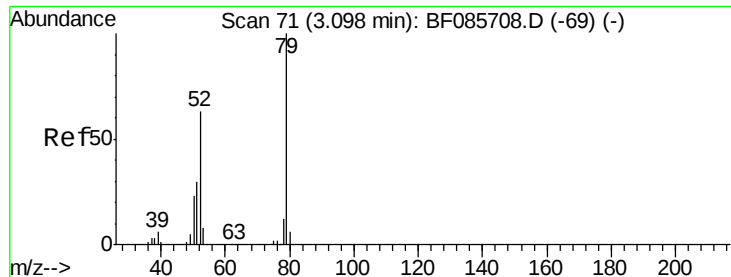


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.35 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.03 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

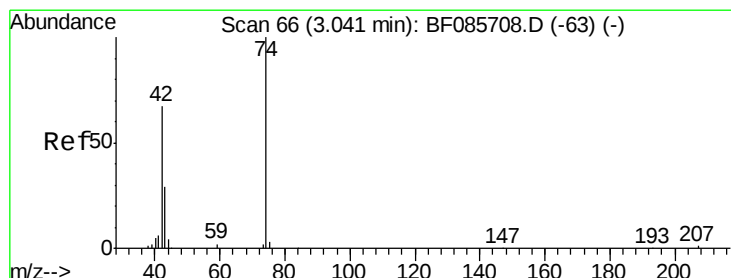
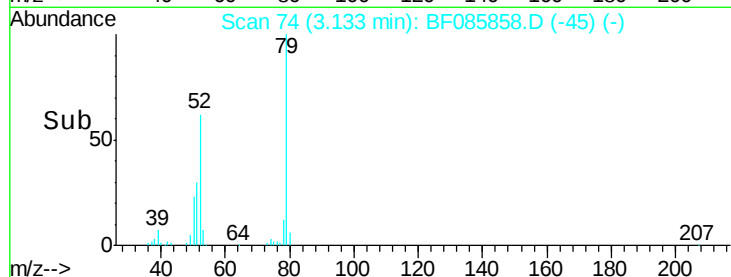
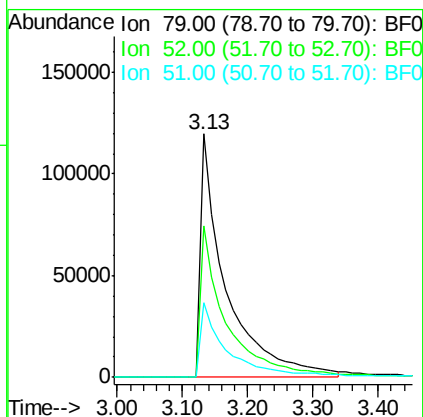
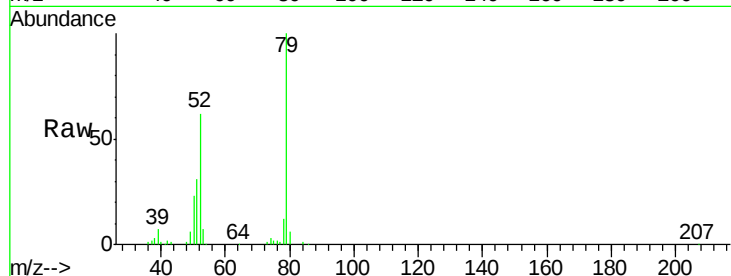
ClientSampleId :

TP-7MSD

Tgt Ion:	79	Resp:	322925
Ion	Ratio	Lower	Upper
79	100		
52	62.0	49.8	74.6
51	30.5	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 53.49 ng

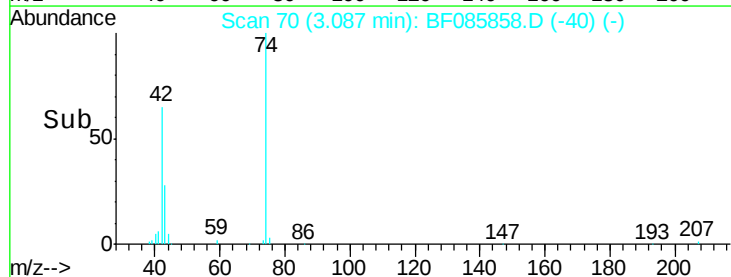
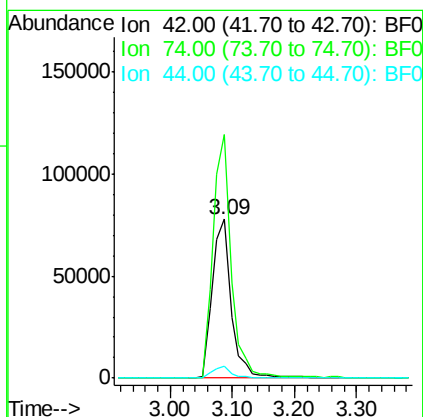
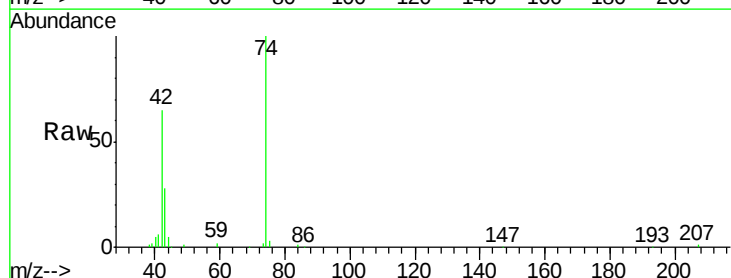
RT: 3.09 min Scan# 70

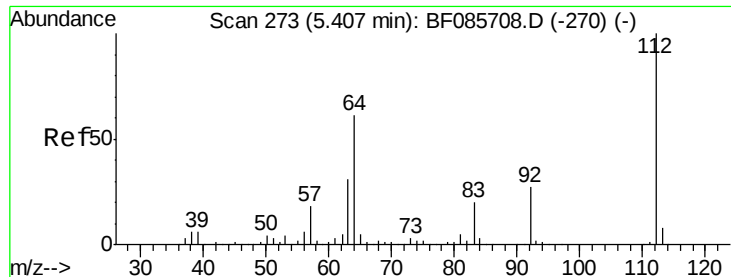
Delta R.T. 0.05 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	42	Resp:	163260
Ion	Ratio	Lower	Upper
42	100		
74	153.5	121.4	182.2
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 129.97 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

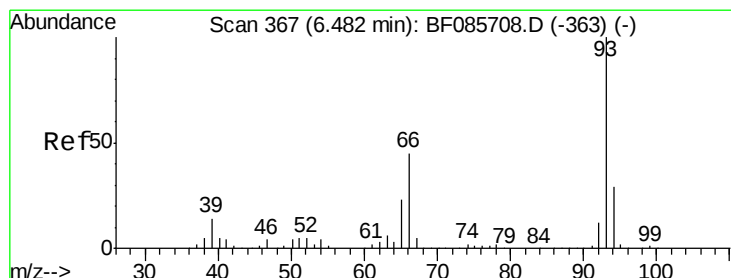
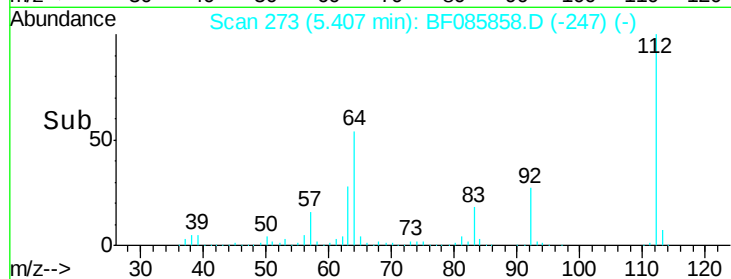
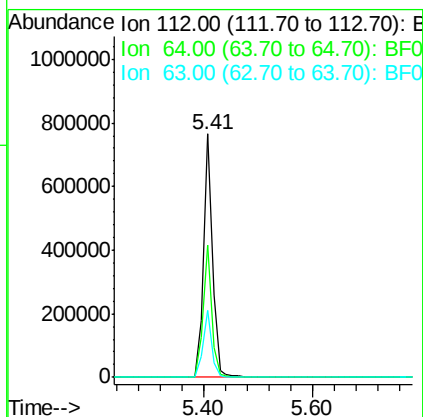
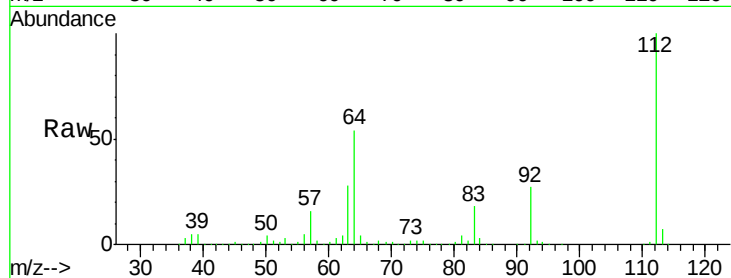
ClientSampleId :

TP-7MSD

Tgt Ion:	112	Resp:	865647
Ion Ratio	Lower	Upper	
112	100		
64	54.4	39.9	59.9
63	27.7	20.2	30.2

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#6

Aniline

Concen: 35.09 ng

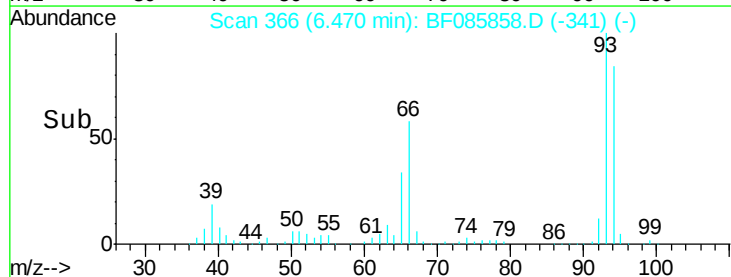
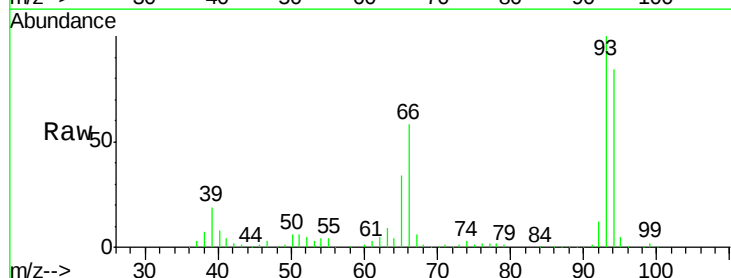
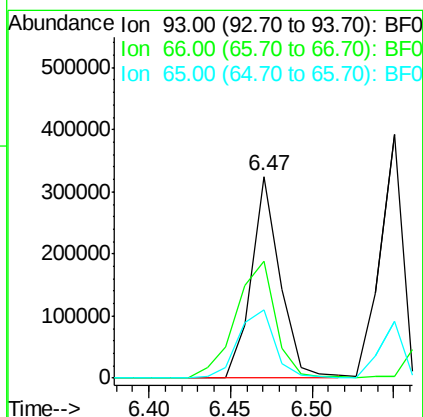
RT: 6.47 min Scan# 366

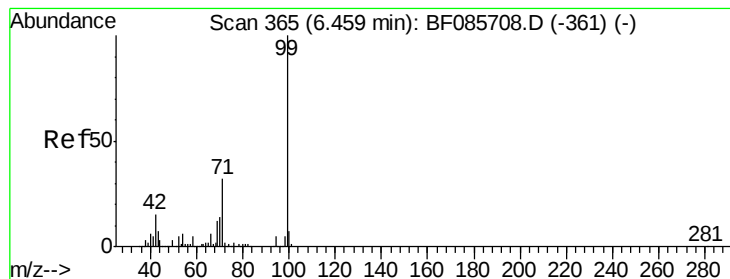
Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	93	Resp:	399988
Ion Ratio	Lower	Upper	
93	100		
66	57.8	31.4	47.2#
65	33.6	15.7	23.5#





#7

Phenol-d6

Concen: 143.39 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion: 99 Resp: 1214237

Ion Ratio Lower Upper

99 100

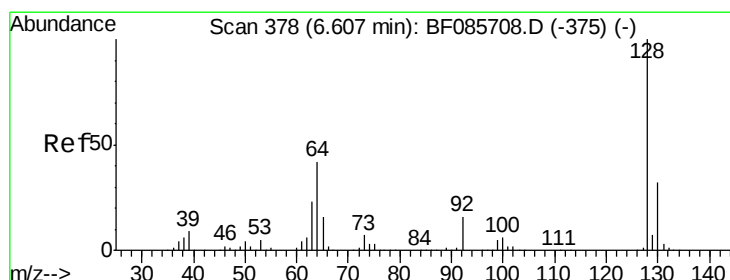
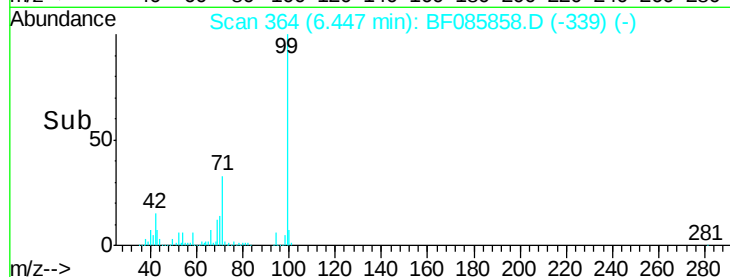
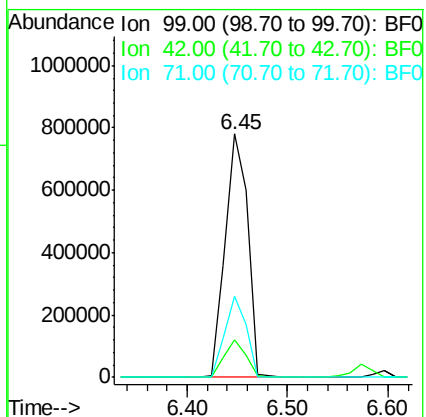
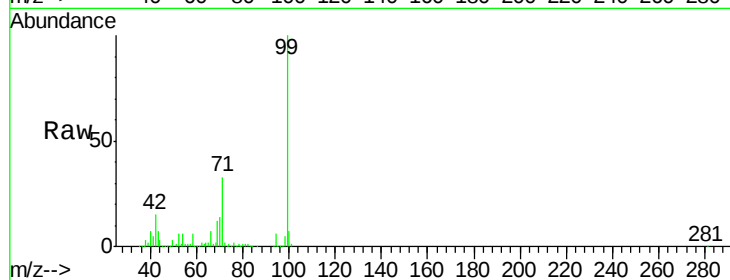
42 15.3 11.1 16.7

71 33.2 24.9 37.3

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#8

2-Chlorophenol

Concen: 49.21 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

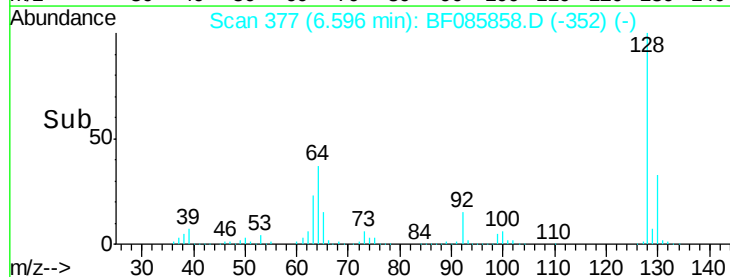
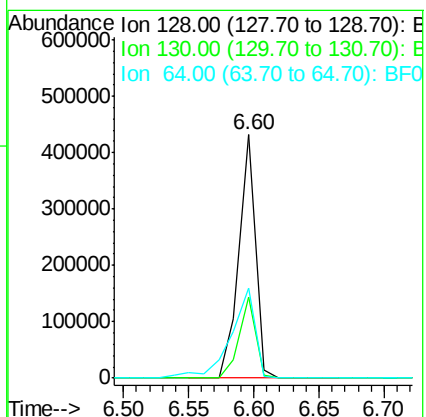
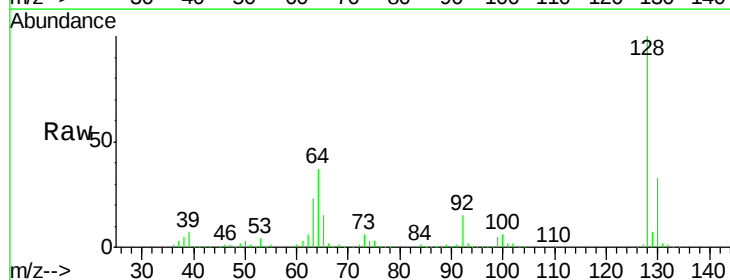
Tgt Ion: 128 Resp: 380810

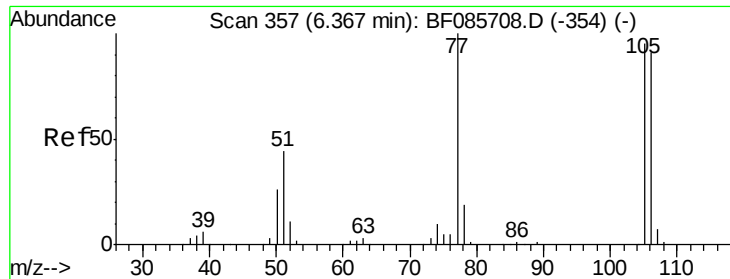
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 37.1 20.2 60.2





#9

Benzaldehyde

Concen: 8.26 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

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BNA_F

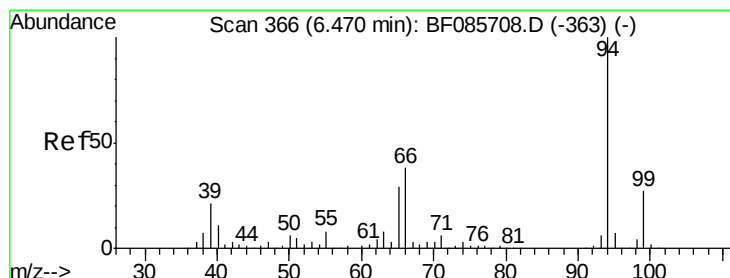
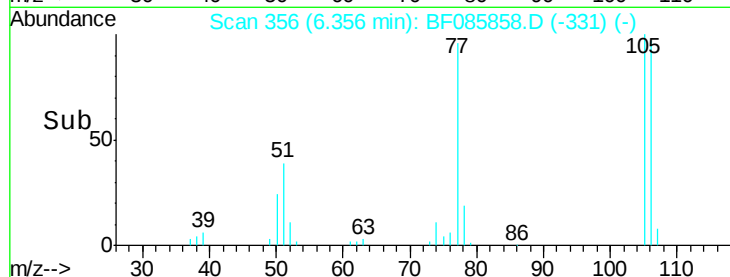
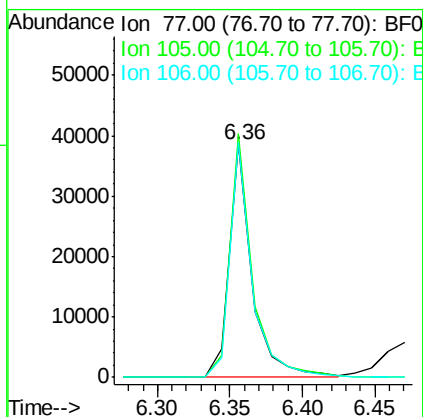
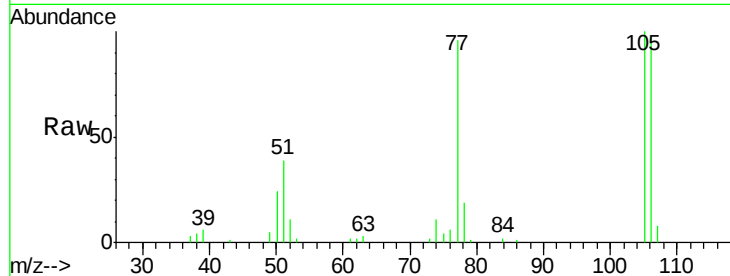
ClientSampled :

TP-7MSD

Tgt Ion:	77	Resp:	42125
Ion	Ratio	Lower	Upper
77	100		
105	104.4	80.1	120.1
106	100.8	75.0	115.0

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#10

Phenol

Concen: 42.14 ng

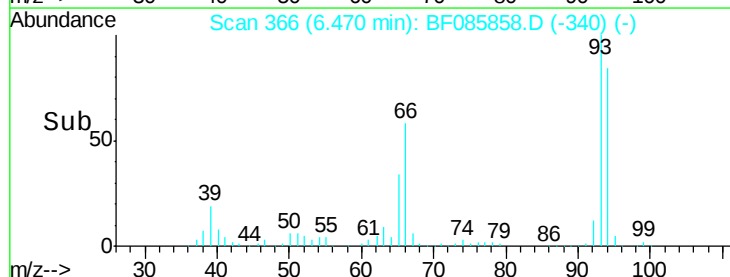
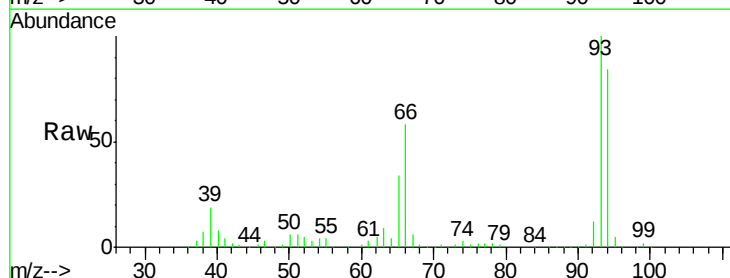
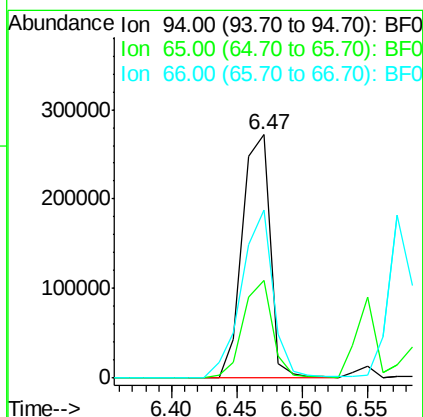
RT: 6.47 min Scan# 366

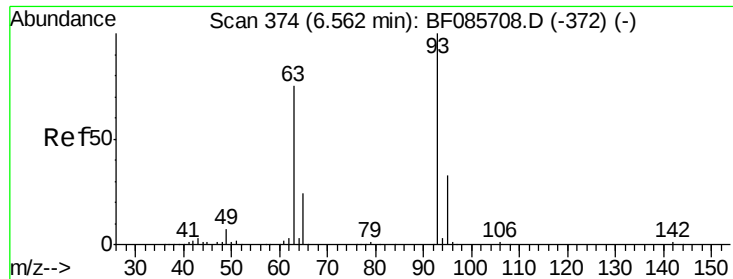
Delta R.T. -0.00 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	94	Resp:	404335
Ion	Ratio	Lower	Upper
94	100		
65	40.1	8.6	48.6
66	68.9	20.0	60.0#





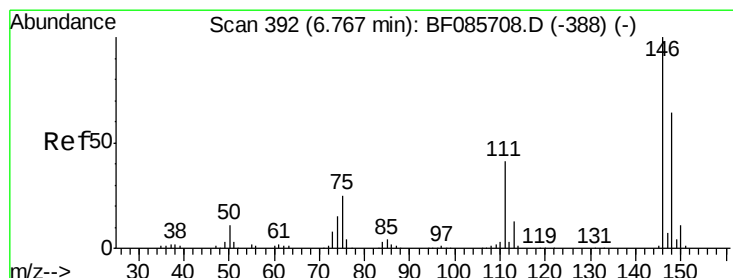
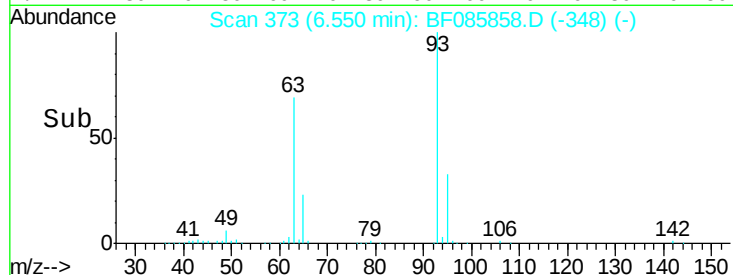
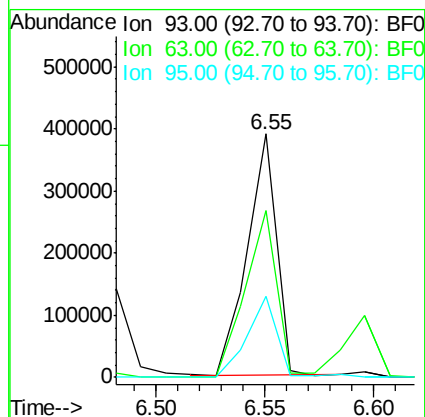
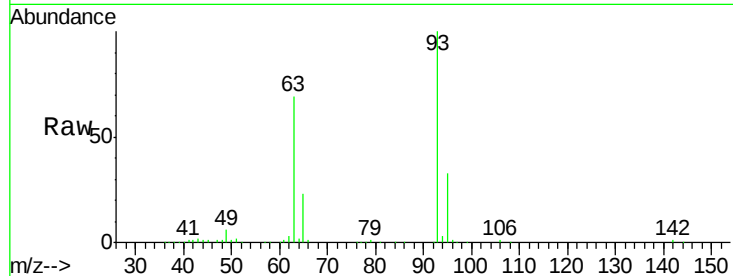
#11
 bis(2-Chloroethyl)ether
 Concen: 49.28 ng
 RT: 6.55 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-7MSD

Tgt Ion:	93	Resp:	363868
Ion Ratio	Lower	Upper	
93	100		
63	68.5	50.9	90.9
95	33.2	13.3	53.3

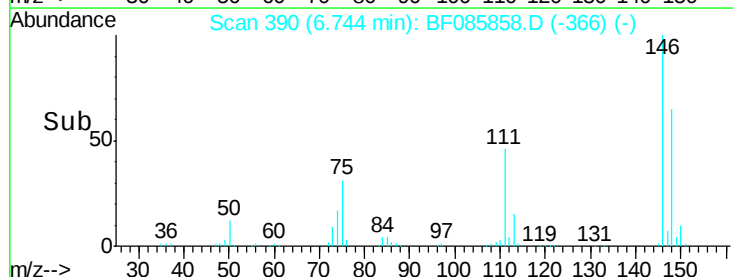
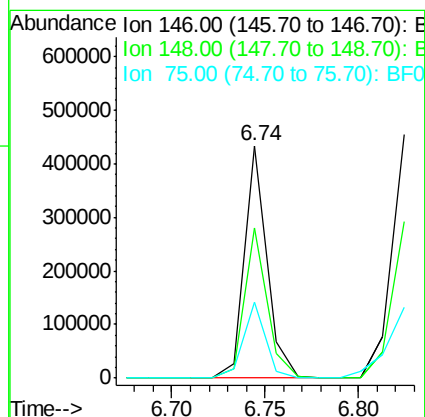
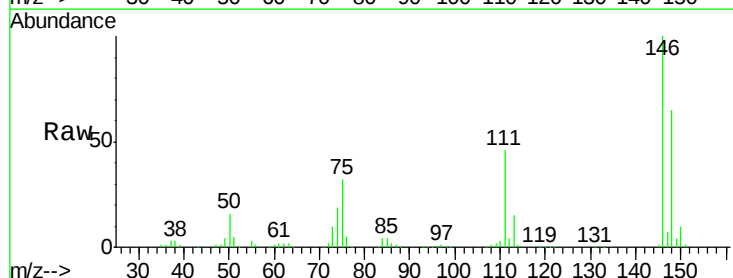
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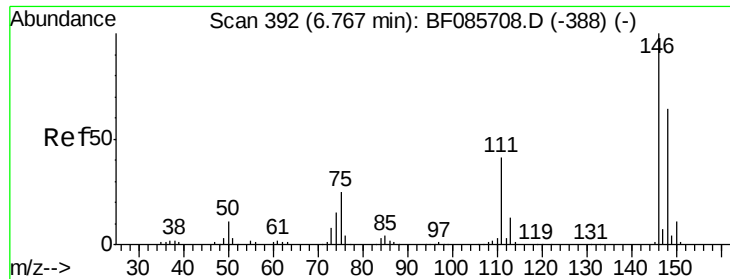
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#12
 1,3-Dichlorobenzene
 Concen: 43.89 ng
 RT: 6.74 min Scan# 390
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:	146	Resp:	365715
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
75	32.4	17.4	26.2





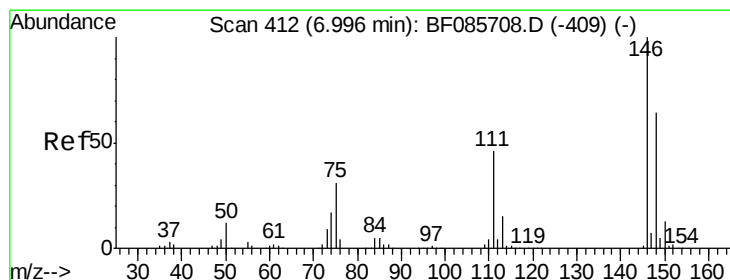
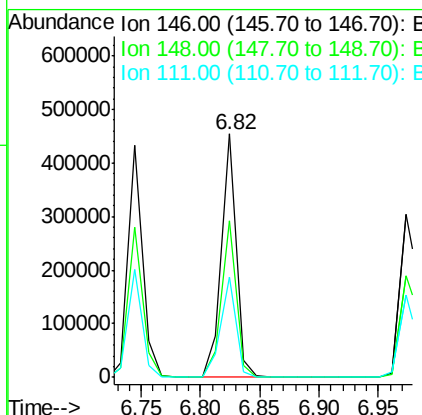
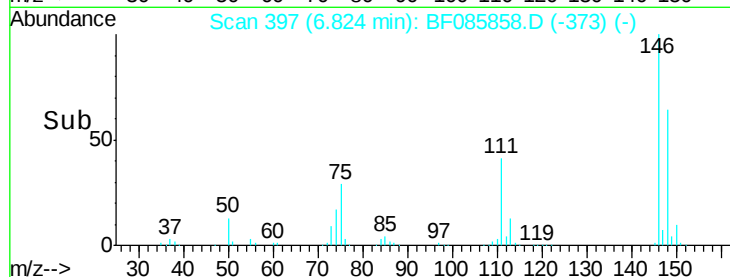
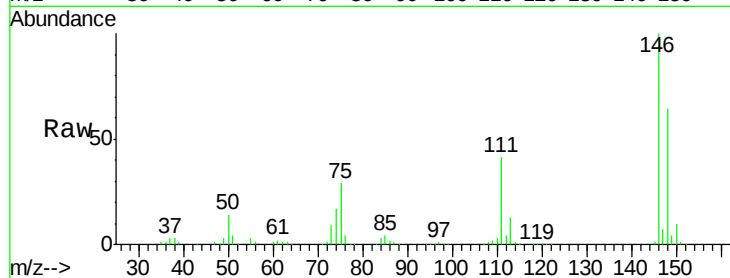
#13
 1,4-Dichlorobenzene
 Concen: 46.23 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	390700		
148	64.2	50.6	76.0	
111	41.2	37.8	56.6	

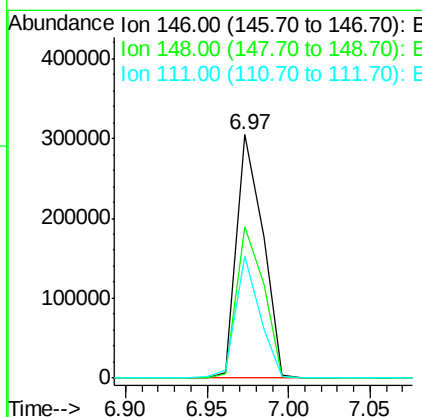
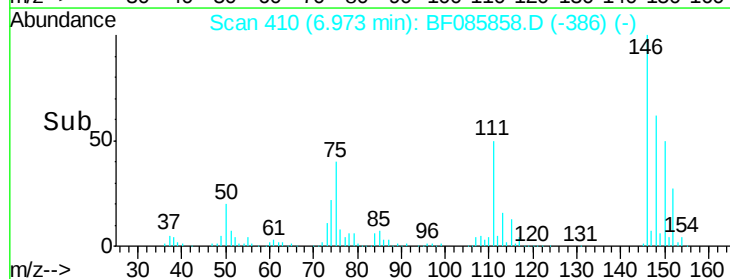
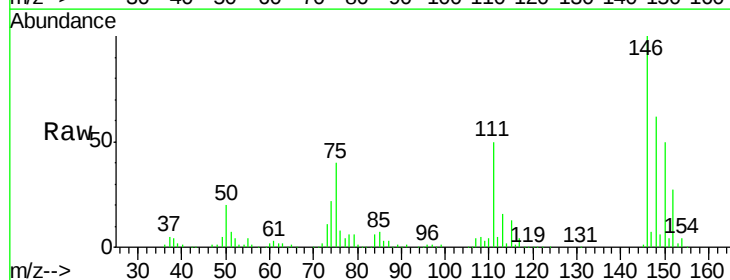
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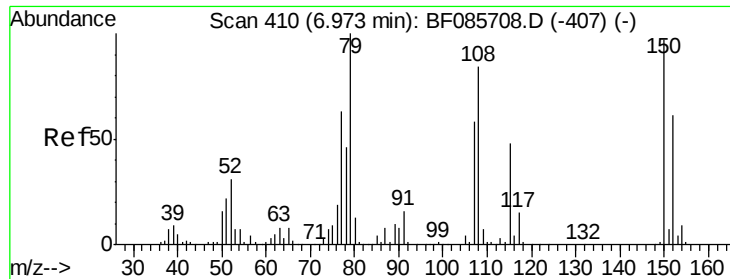
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#14
 1,2-Dichlorobenzene
 Concen: 43.03 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338872		
148	62.4	51.4	77.2	
111	50.3	34.6	52.0	





#15

Benzyl Alcohol

Concen: 51.07 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion: 79 Resp: 288525
Ion Ratio Lower Upper

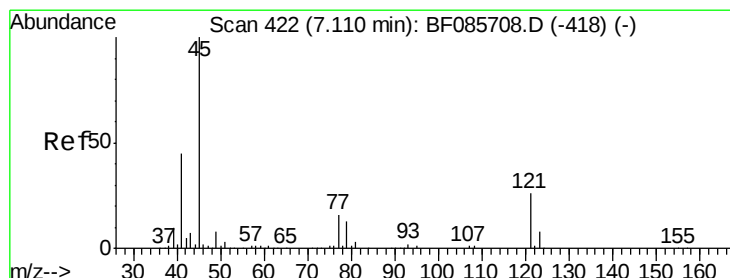
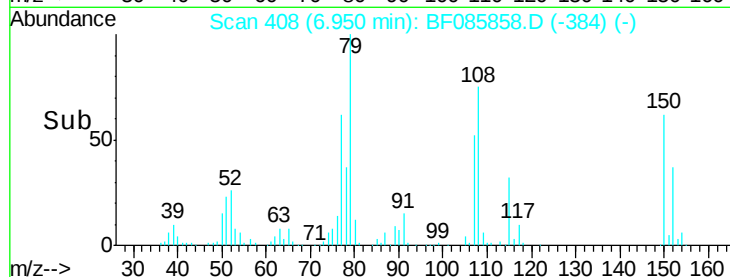
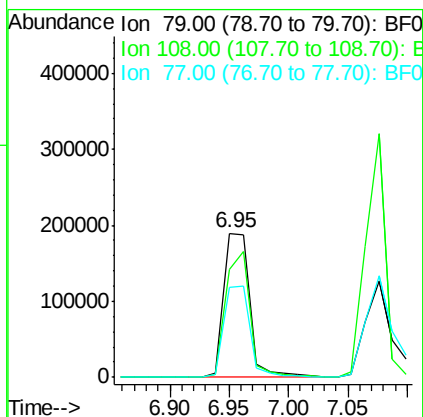
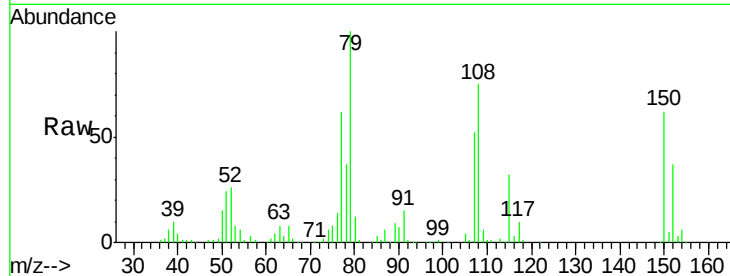
79 100

108 75.0 61.8 92.6

77 62.4 49.6 74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.08 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF085858.D

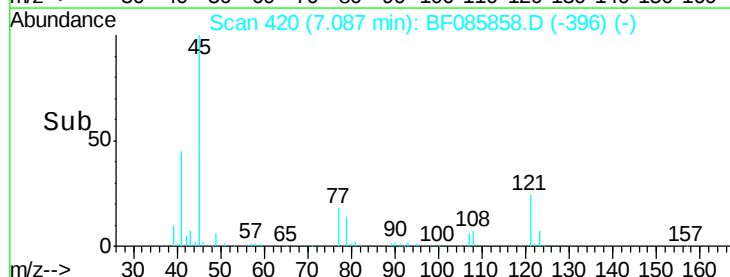
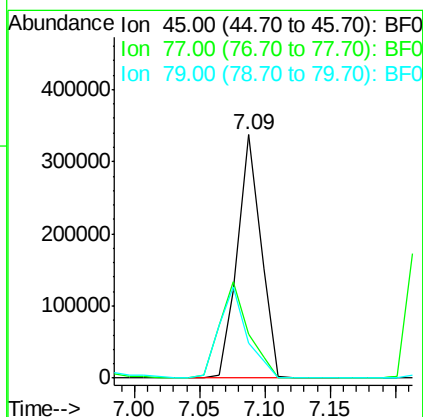
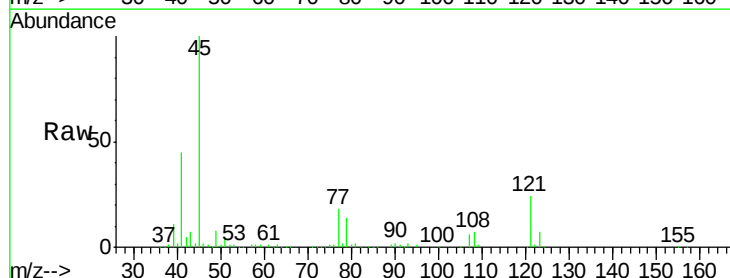
Acq: 29 Mar 2016 19:36

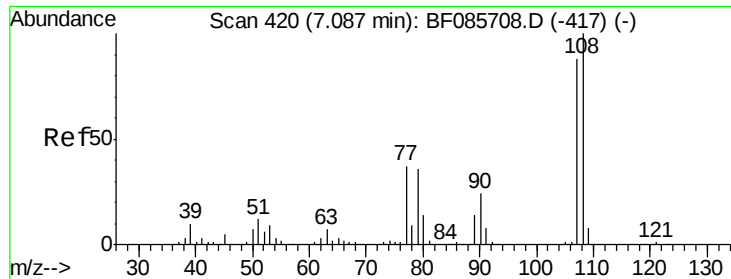
Tgt Ion: 45 Resp: 422031
Ion Ratio Lower Upper

45 100

77 18.3 0.0 35.7

79 14.4 0.0 32.2





#17

2-Methylphenol

Concen: 51.42 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

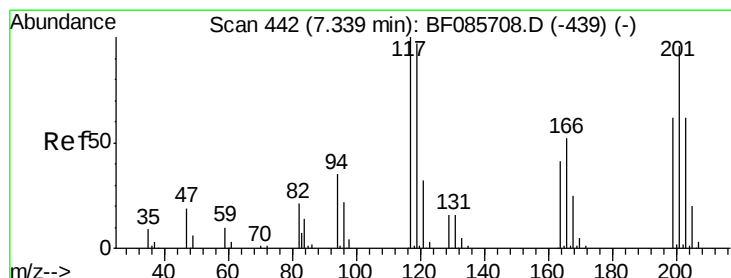
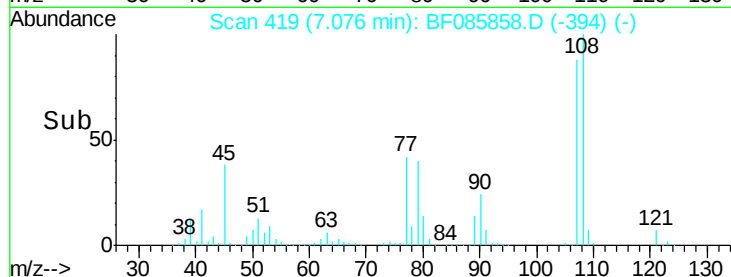
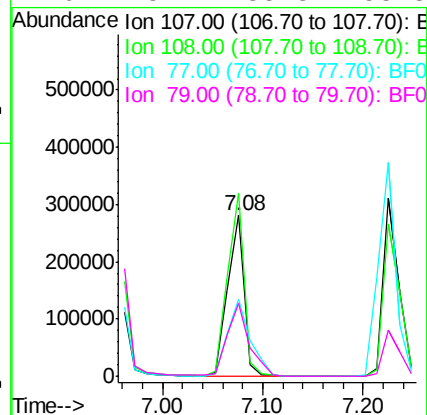
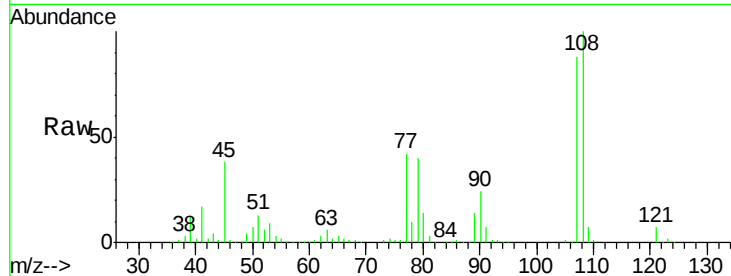
ClientSampleId :

TP-7MSD

Tgt Ion:	107	Resp:	318545
Ion Ratio	Lower	Upper	
107	100		
108	114.0	91.4	137.0
77	47.7	36.2	54.2
79	45.2	35.8	53.8

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#18

Hexachloroethane

Concen: 43.21 ng

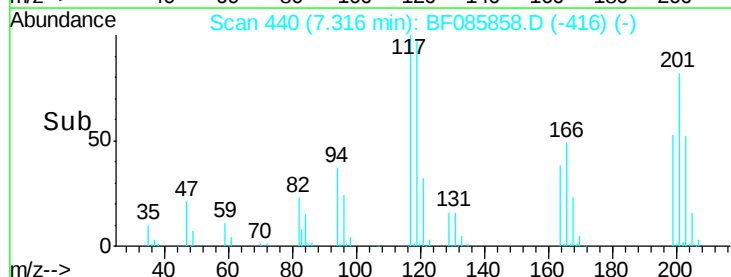
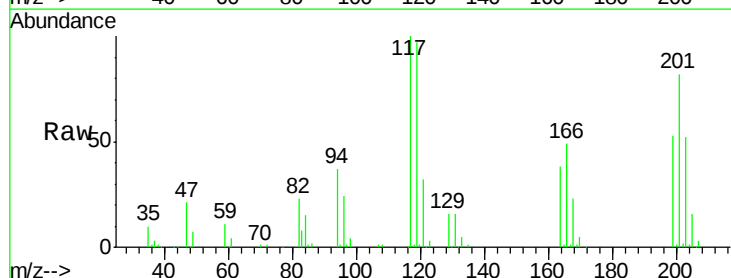
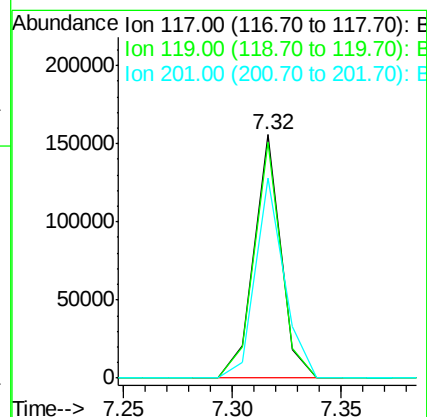
RT: 7.32 min Scan# 440

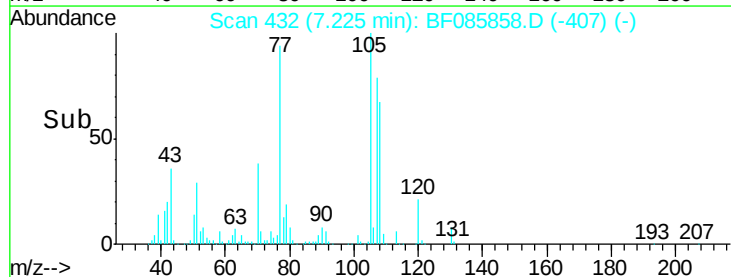
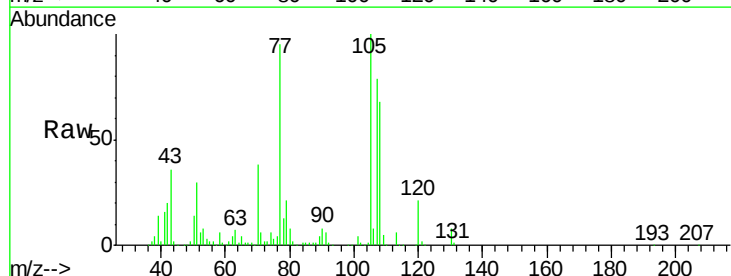
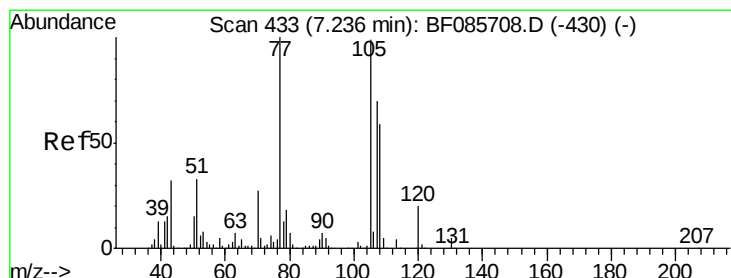
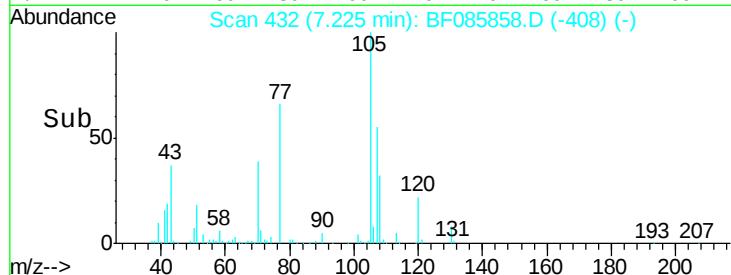
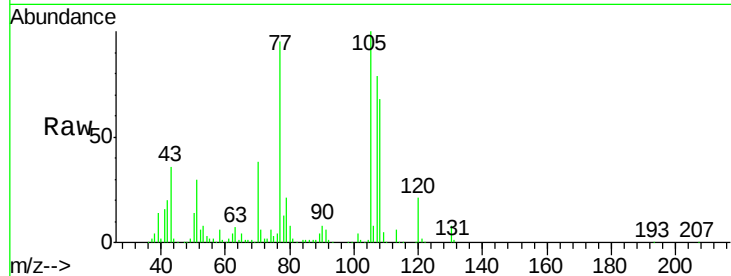
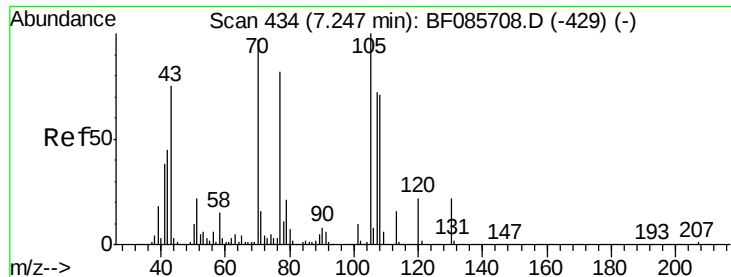
Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

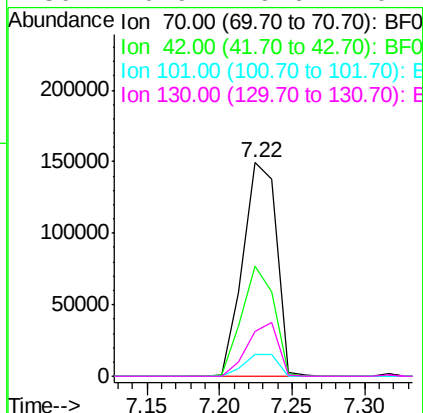
Tgt Ion:	117	Resp:	133716
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.7	115.1
201	82.3	83.3	124.9#





#19
n-Nitroso-di-n-propylamine
Concen: 47.32 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.3	37.1	55.7
101	9.9	8.6	12.8
130	20.9	19.6	29.4



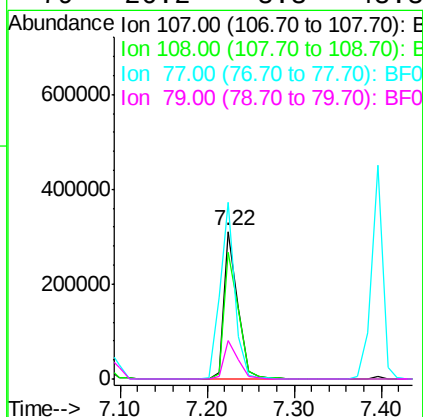
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

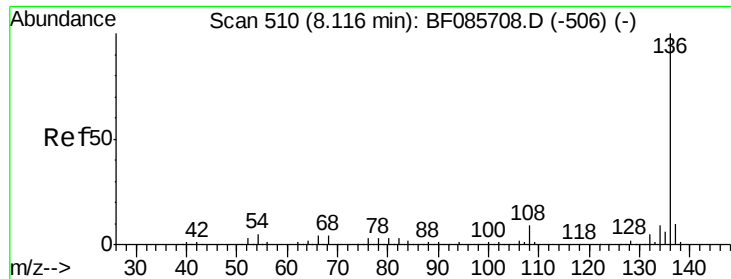
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#20
3+4-Methylphenols
Concen: 45.95 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.3	109.3
77	120.0	101.7	141.7
79	26.2	8.3	48.3





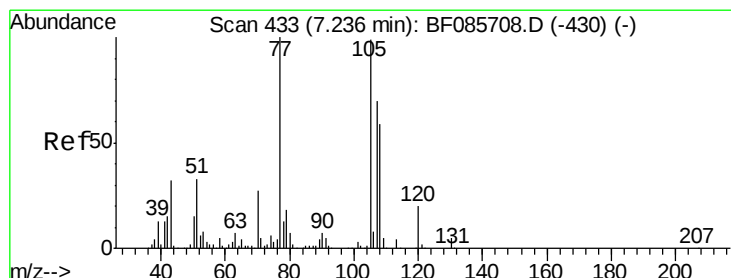
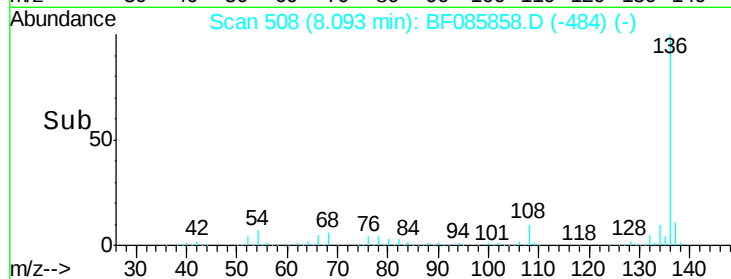
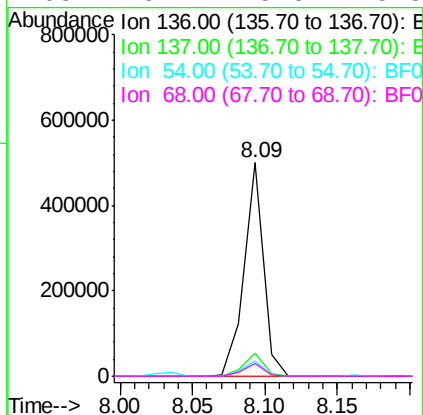
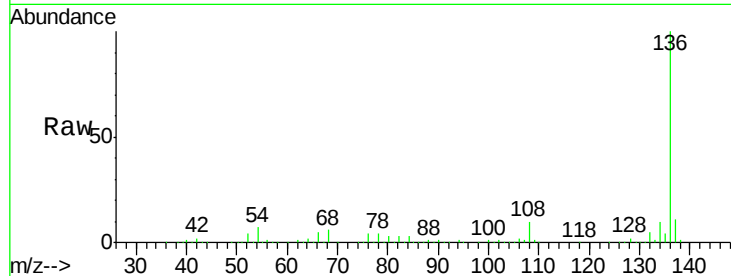
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	463503		
137	11.0	9.1	13.7	
54	7.0	7.4	11.0#	
68	5.7	5.8	8.8#	

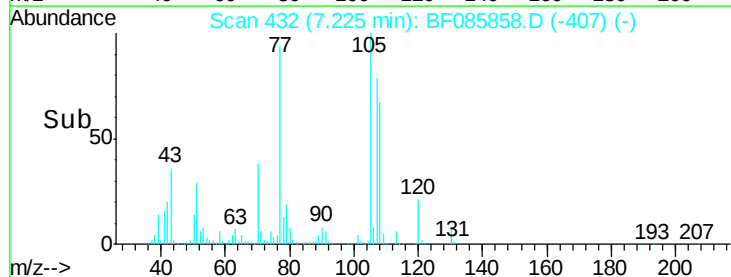
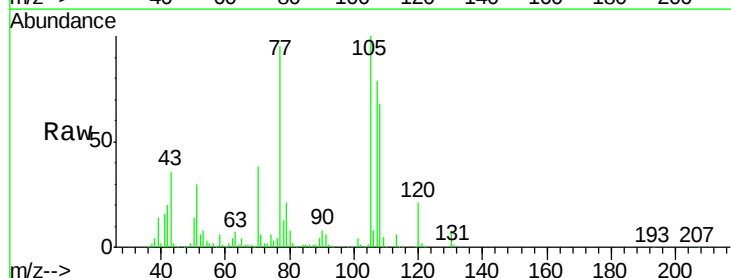
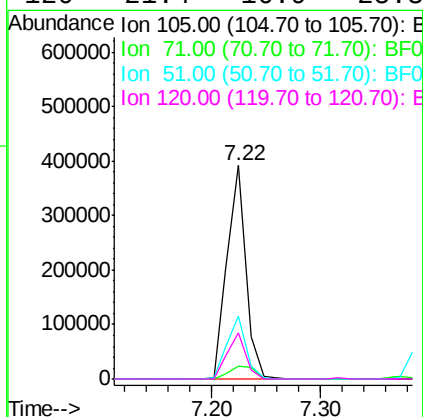
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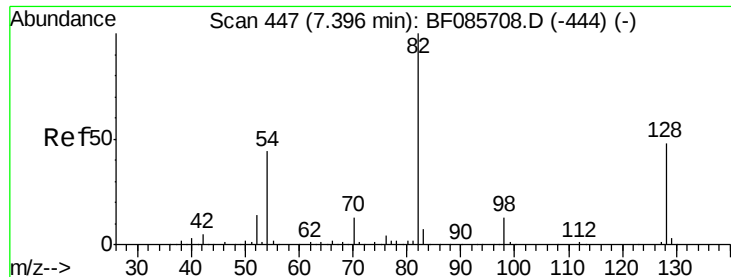
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#22
Acetophenone
Concen: 43.28 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467303		
71	6.2	3.6	5.4#	
51	29.5	25.4	38.0	
120	21.4	16.9	25.3	





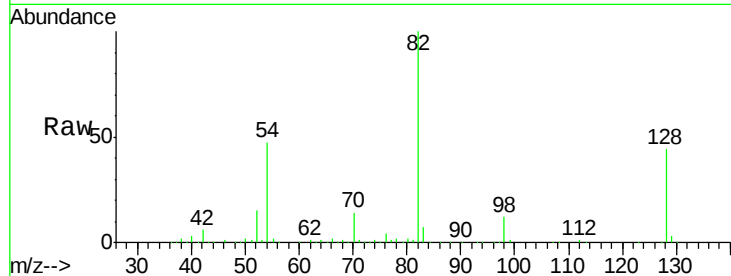
#23
 Nitrobenzene-d5
 Concen: 91.71 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

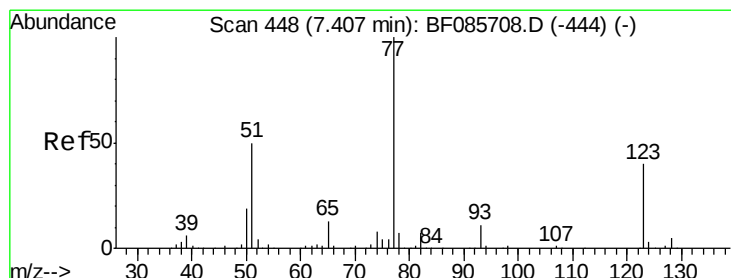
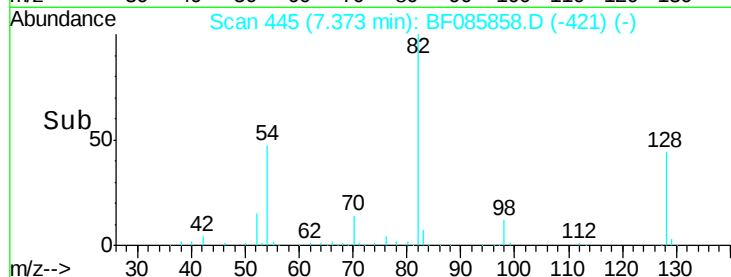
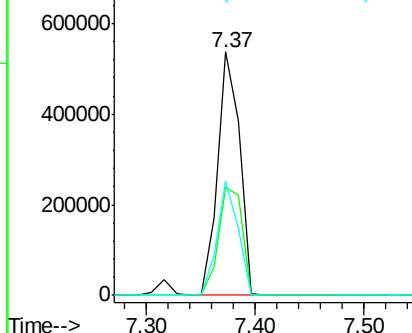
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	754821		
128	44.1		41.8	62.8
54	46.9		33.4	50.0

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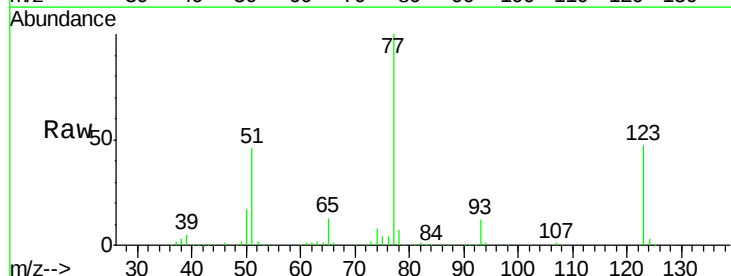


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

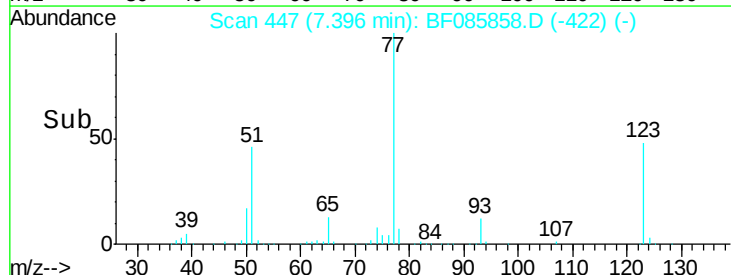
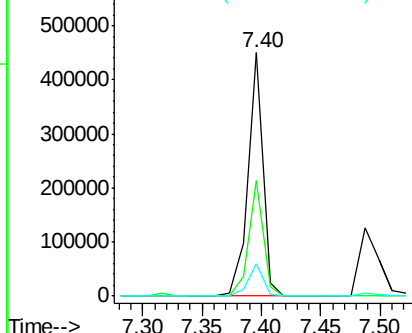


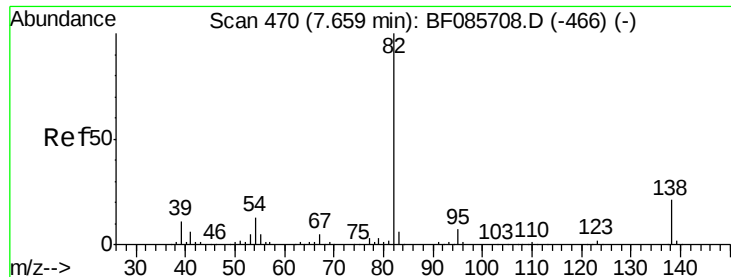
#24
 Nitrobenzene
 Concen: 47.09 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	399547		
123	47.4		35.0	52.4
65	13.1		10.6	16.0



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





#25

Isophorone

Concen: 45.65 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

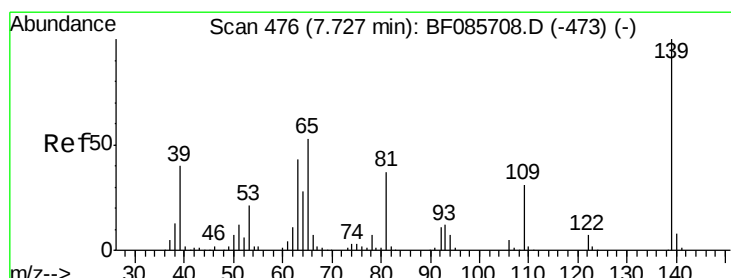
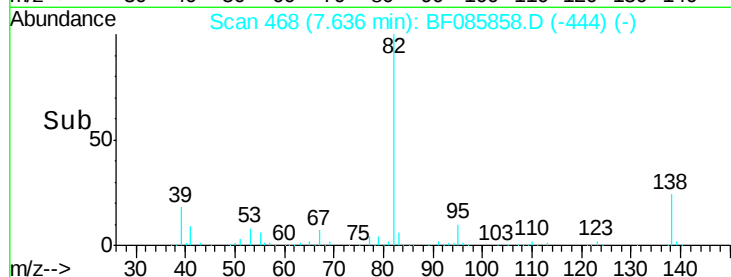
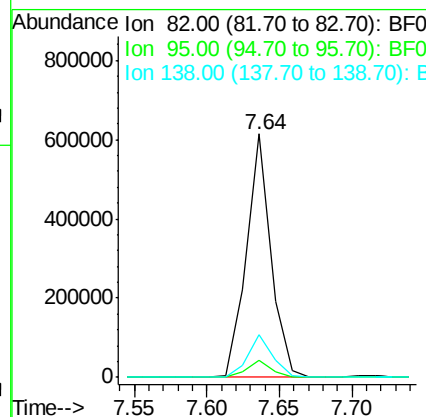
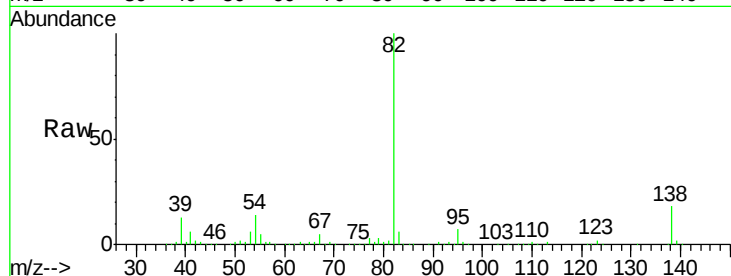
ClientSampleId :

TP-7MSD

Tgt Ion:	82	Resp:	723883
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 51.40 ng

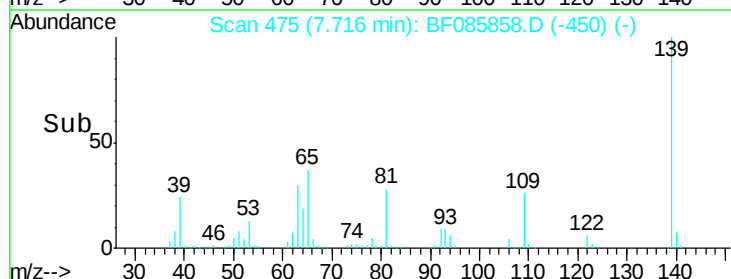
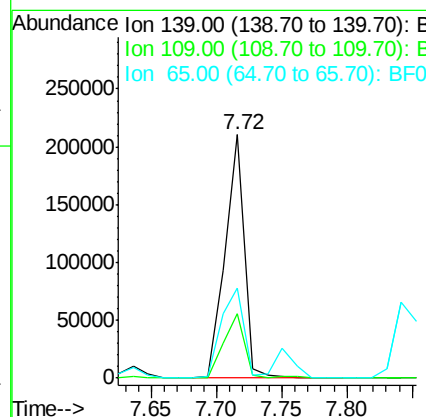
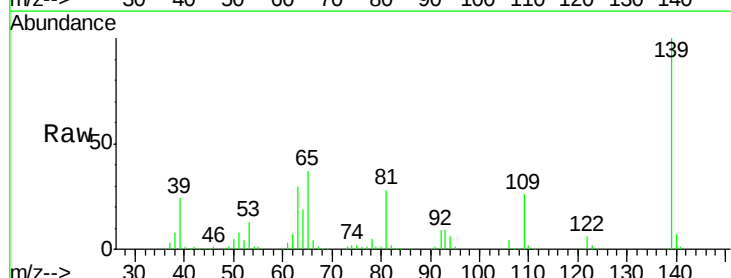
RT: 7.72 min Scan# 475

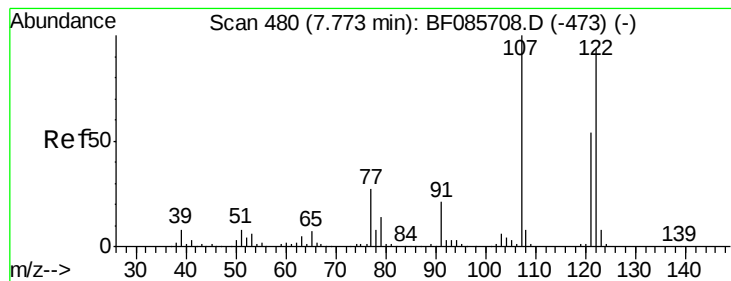
Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	139	Resp:	218168
Ion Ratio	Lower	Upper	
139	100		
109	26.3	22.1	33.1
65	36.9	33.9	50.9





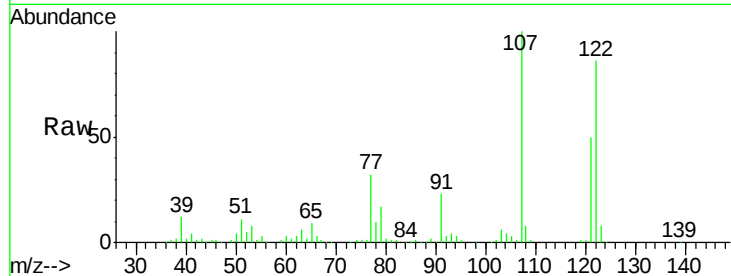
#27
 2,4-Dimethylphenol
 Concen: 43.05 ng
 RT: 7.75 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

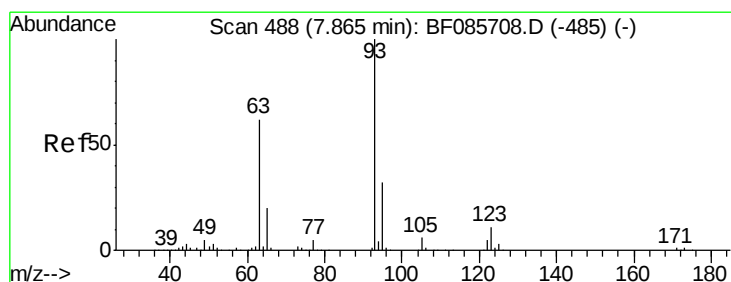
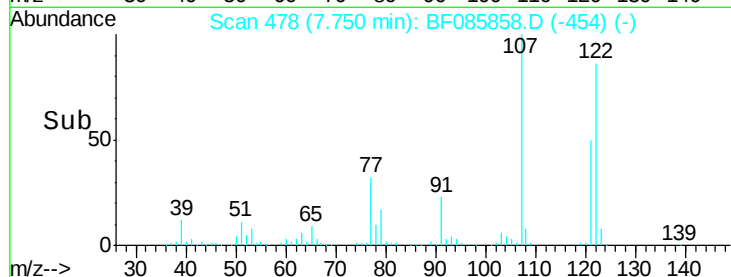
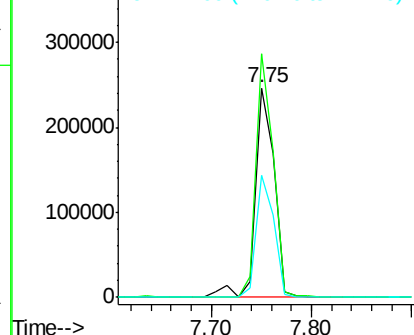
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	319393		
107	116.4	93.0	139.6	
121	58.3	45.9	68.9	

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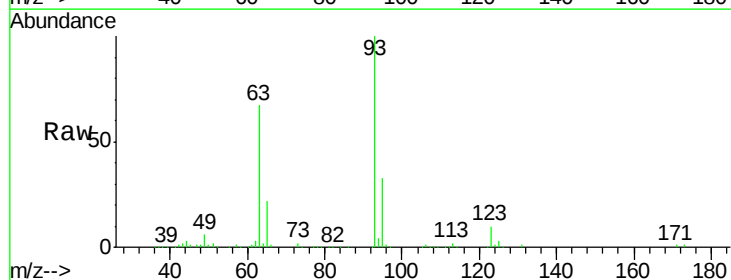


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

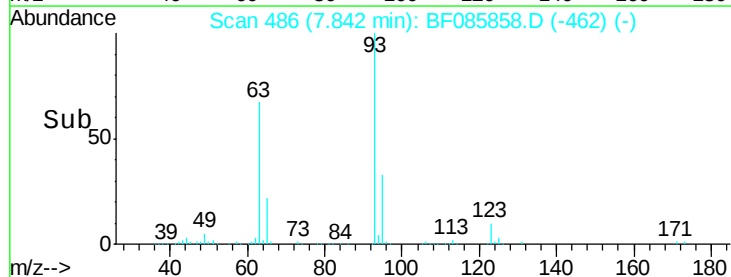
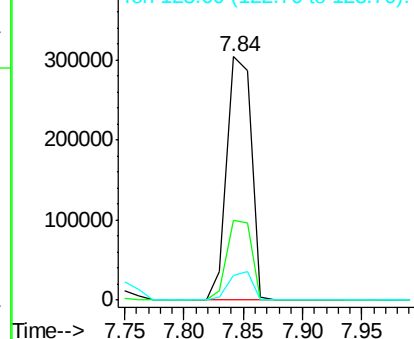


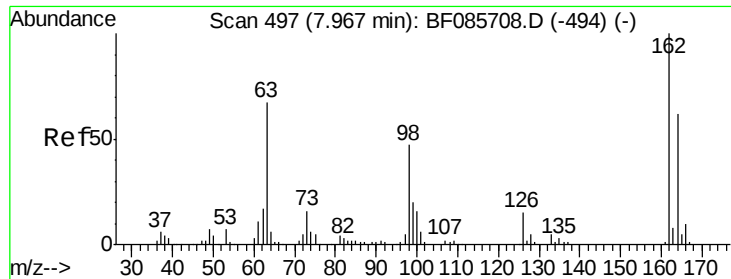
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.95 ng
 RT: 7.84 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	433157		
95	32.9	26.4	39.6	
123	10.0	9.8	14.6	



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





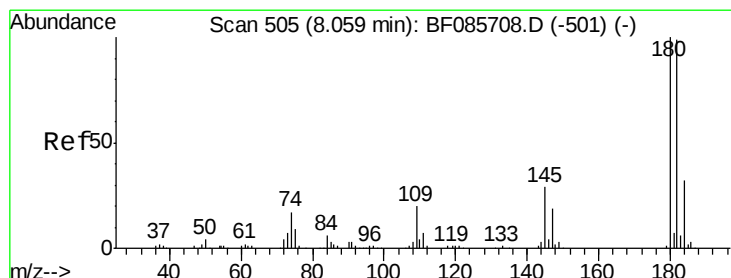
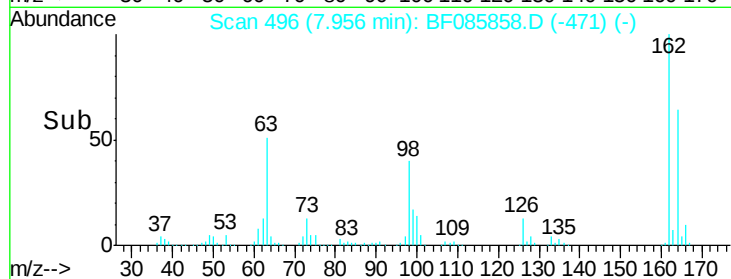
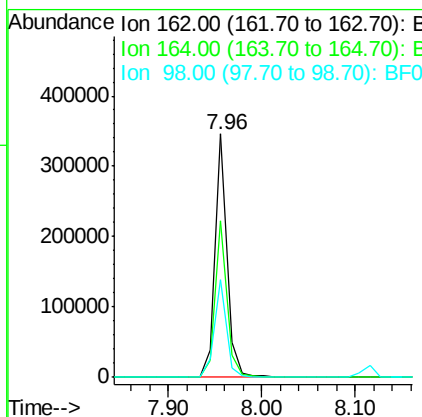
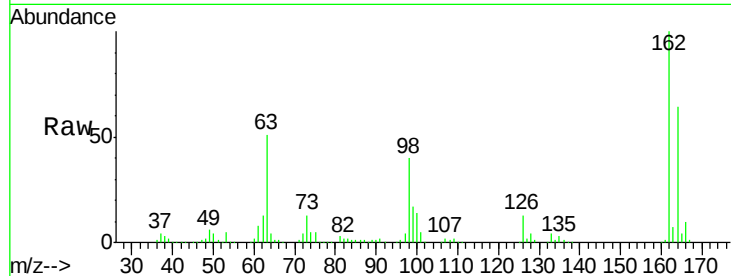
#29
 2,4-Dichlorophenol
 Concen: 49.34 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	307739		
164	64.1	43.7	83.7	
98	40.0	20.4	60.4	

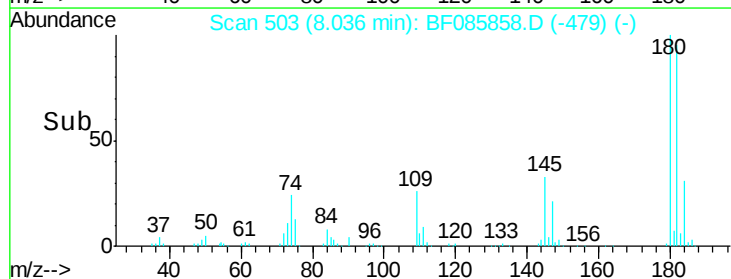
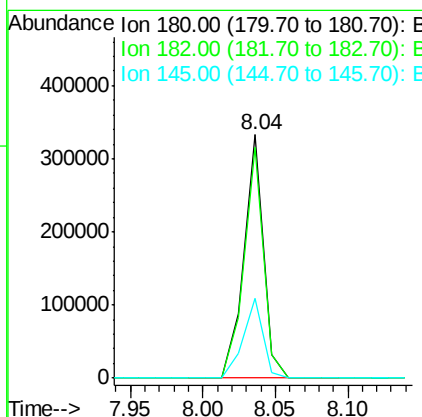
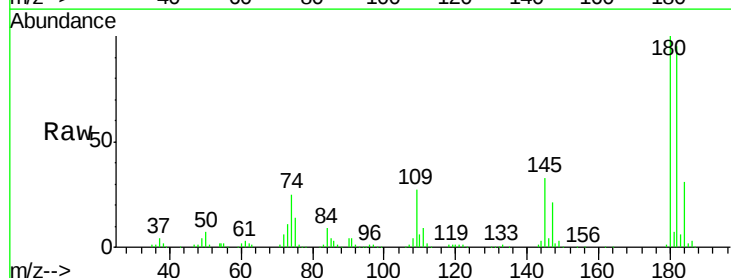
Manual Integrations
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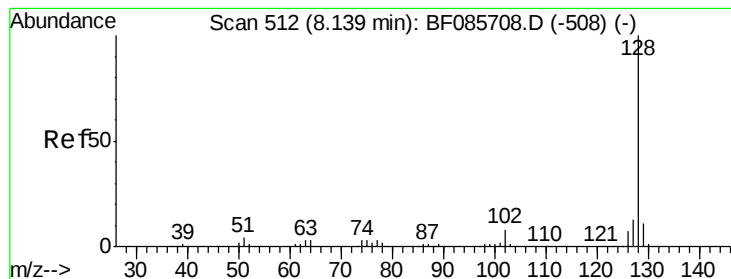
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.13 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312510		
182	94.8	73.8	110.8	
145	32.8	28.4	42.6	





#31

Naphthalene

Concen: 45.83 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:128 Resp: 1070380

Ion Ratio Lower Upper

128 100

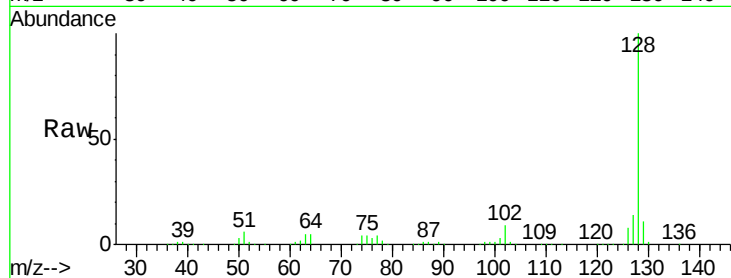
129 11.3 9.4 14.0

127 13.9 11.0 16.6

Manual Integrations
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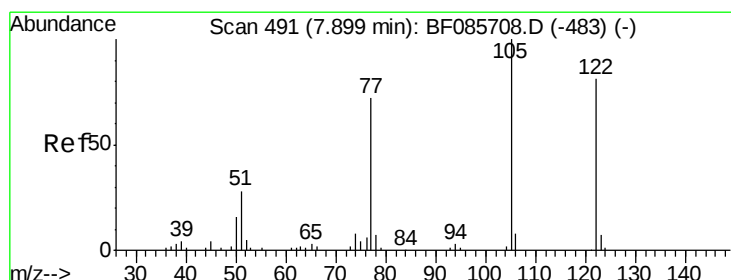
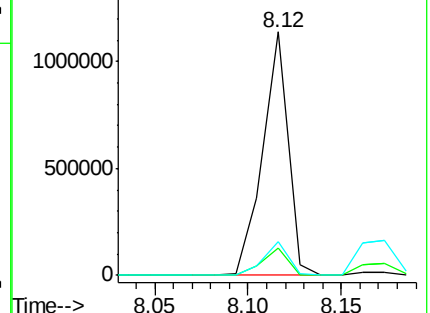
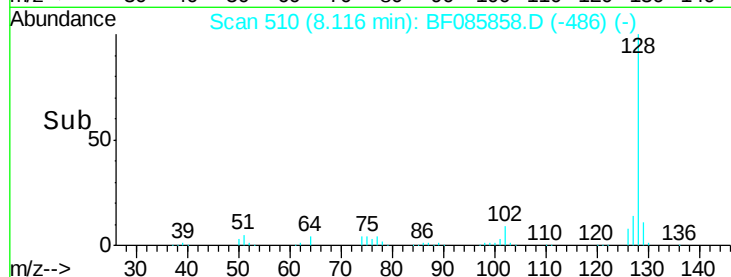
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.82 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.15 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

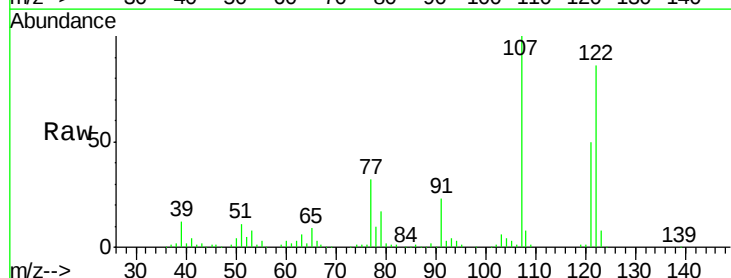
Tgt Ion:122 Resp: 319393

Ion Ratio Lower Upper

122 100

105 3.8 102.9 142.9#

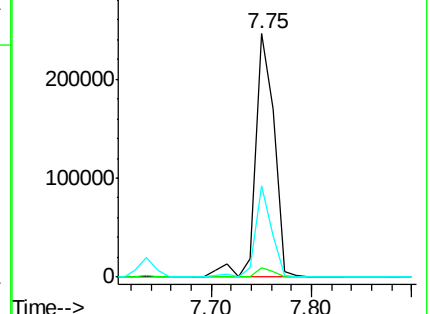
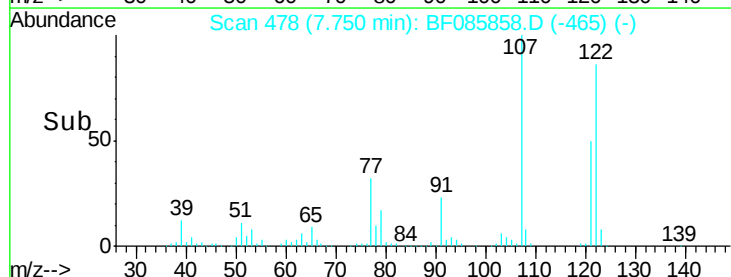
77 37.5 71.8 111.8#

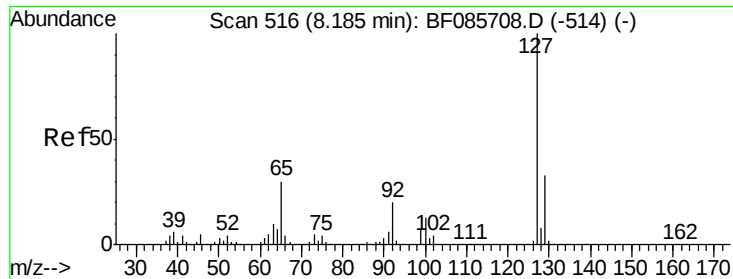


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





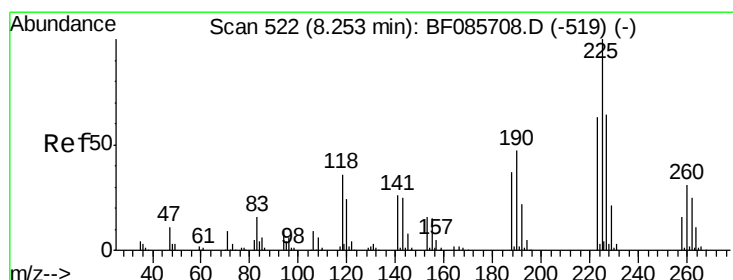
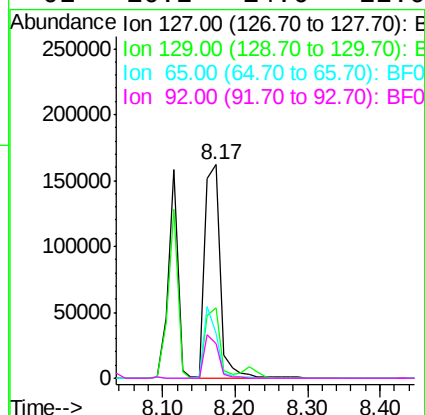
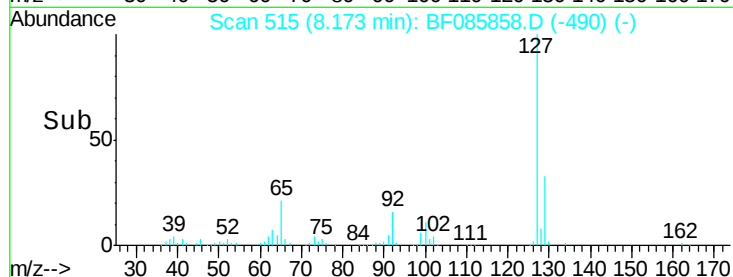
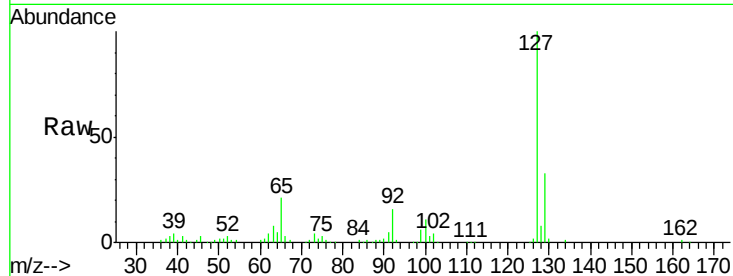
#33
4-Chloroaniline
Concen: 25.45 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	242680		
129	32.8	26.1	39.1	
65	20.7	19.5	29.3	
92	16.2	14.6	22.0	

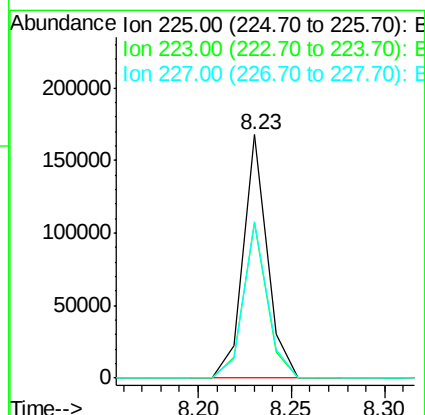
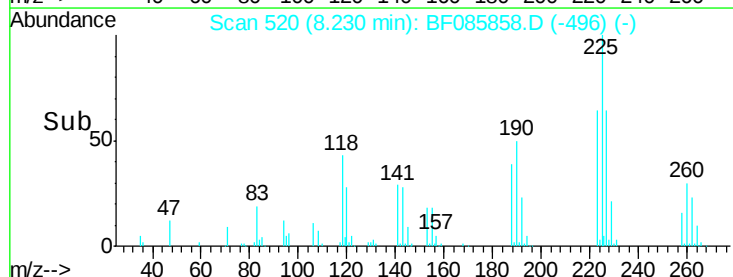
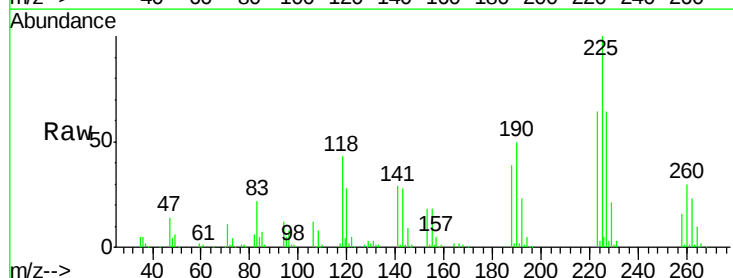
Manual Integrations
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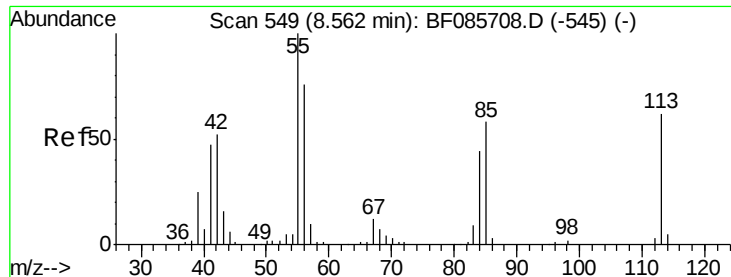
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#34
Hexachlorobutadiene
Concen: 40.23 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151391		
223	64.0	50.4	75.6	
227	64.1	51.4	77.2	





#35

Caprolactam

Concen: 46.55 ng m

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

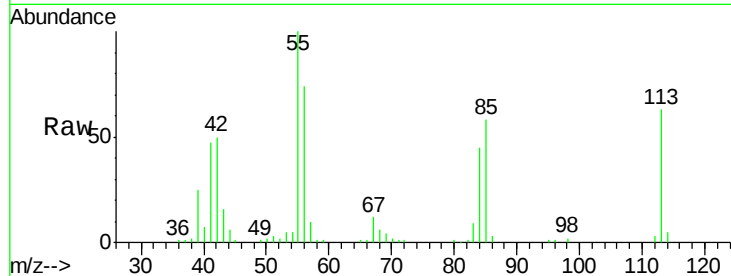
ClientSampled :

TP-7MSD

Tgt Ion:	113	Resp:	102851
Ion Ratio	Lower	Upper	
113	100		
55	157.5	139.4	179.4
56	116.5	100.4	140.4

Manual Integrations
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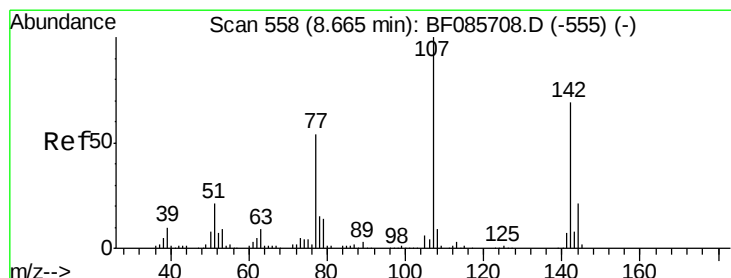
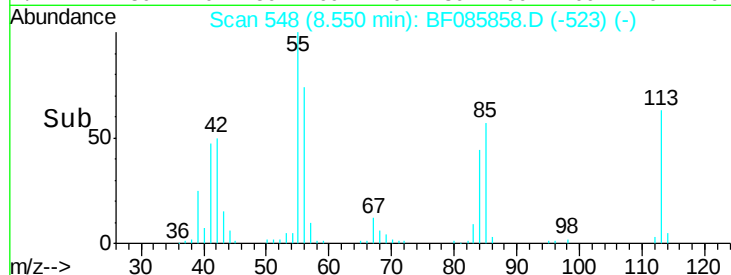
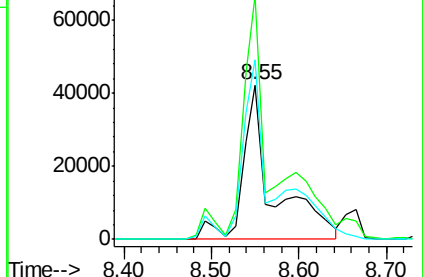
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.42 ng

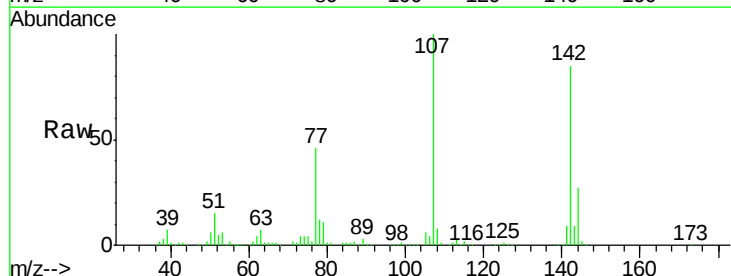
RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

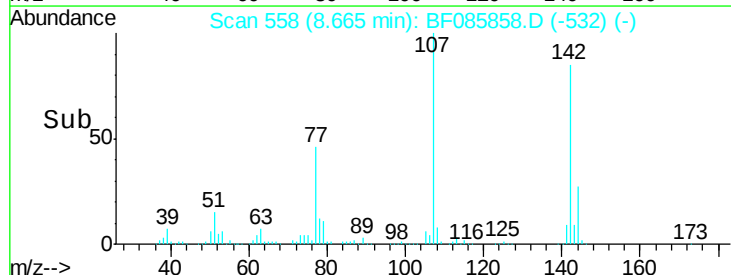
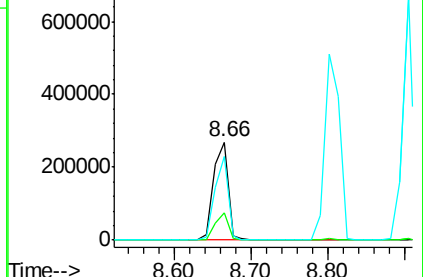
Tgt Ion:	107	Resp:	352759
Ion Ratio	Lower	Upper	
107	100		
144	27.3	19.3	28.9
142	85.2	61.4	92.0

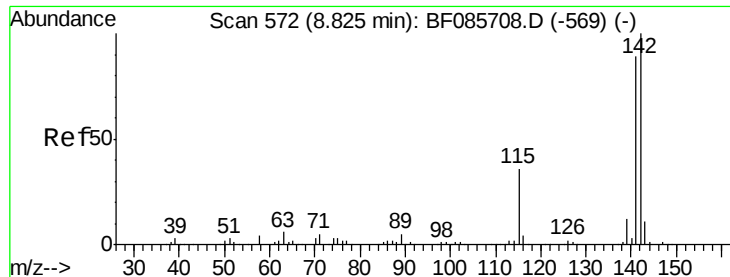


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





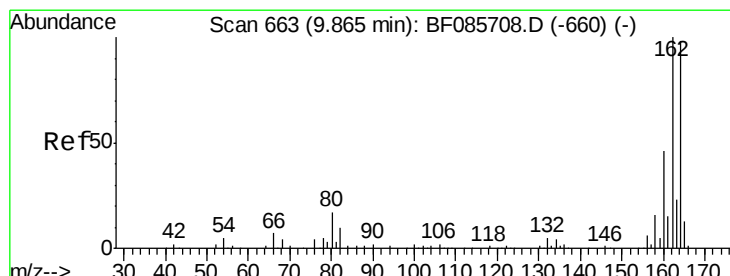
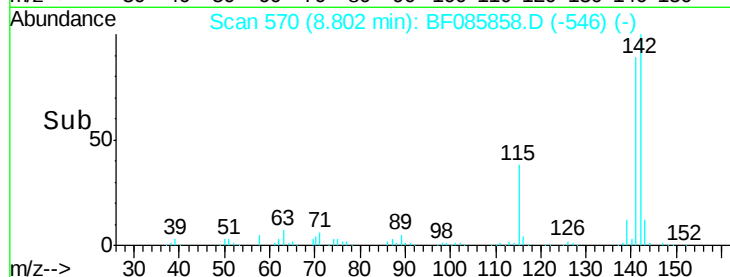
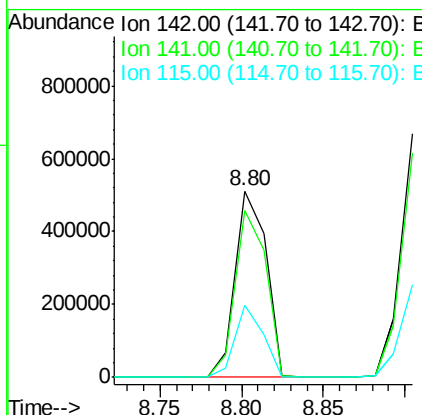
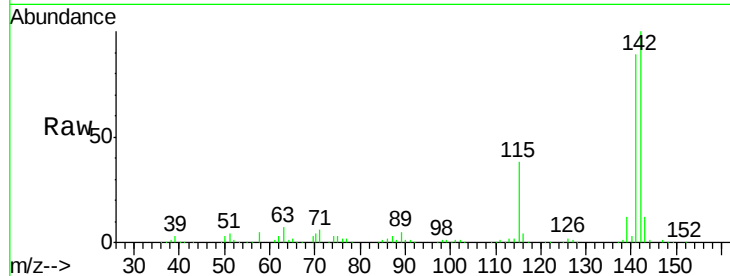
#37
2-Methylnaphthalene
Concen: 50.94 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	38.4	26.8	40.2

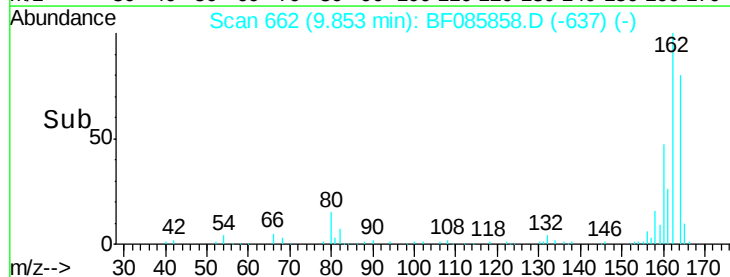
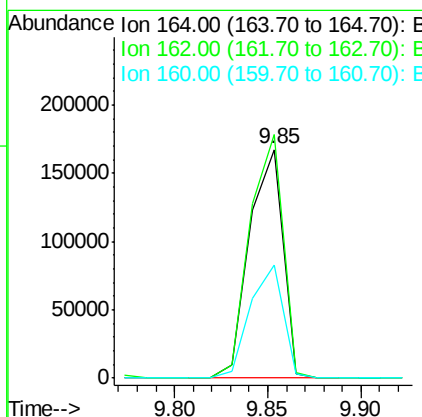
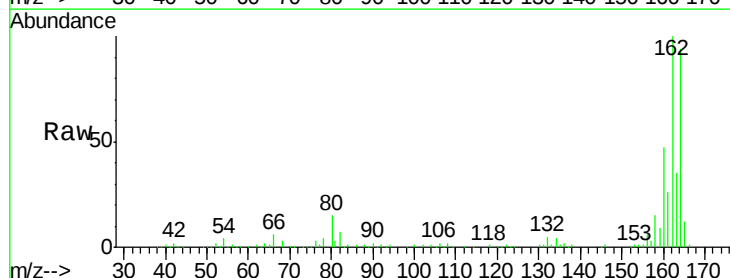
Manual Integrations
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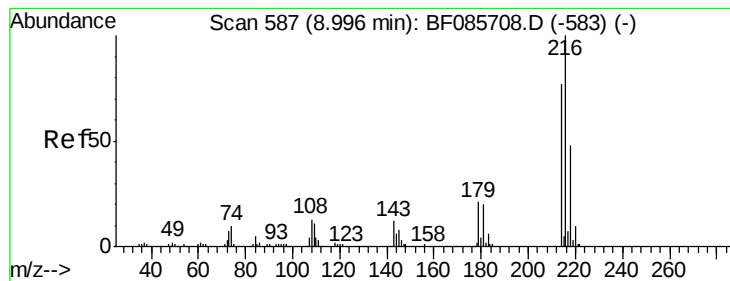
Sohil
3/30/2016 7:06:29 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.1	123.1
160	49.5	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.22 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085858.D

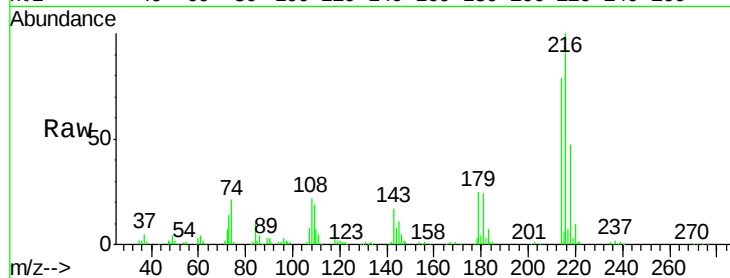
Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



Tgt Ion: 216 Resp: 266514

Ion Ratio Lower Upper

216 100

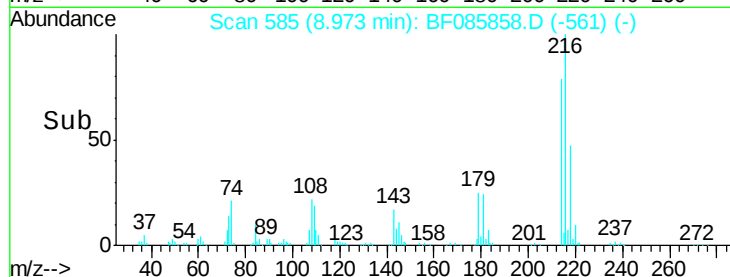
214 79.0 63.1 94.7

179 23.8 18.2 27.2

108 24.2 17.3 25.9

Manual Integrations
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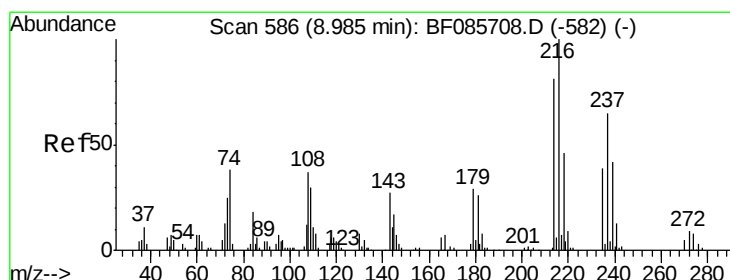
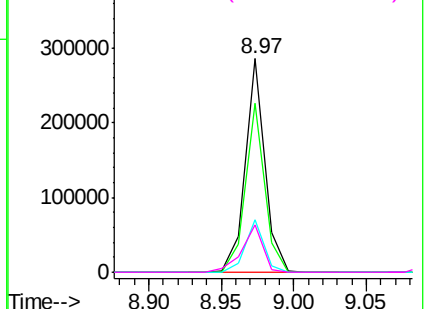


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.17 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

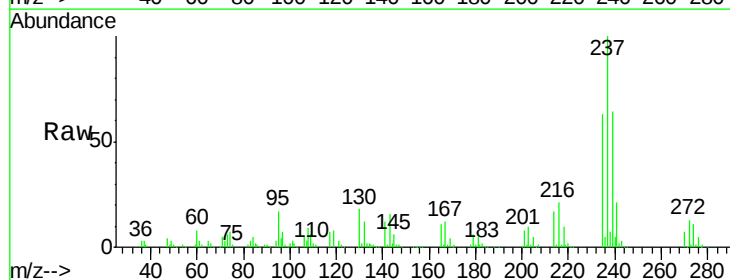
Tgt Ion: 237 Resp: 209028

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

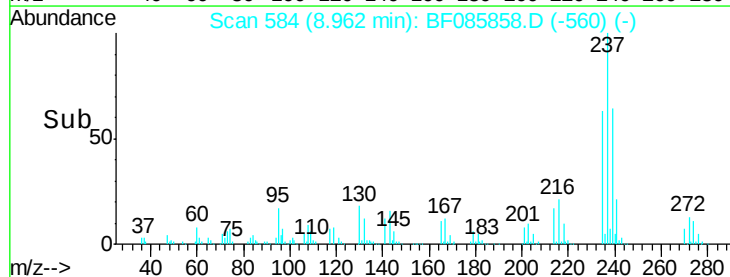
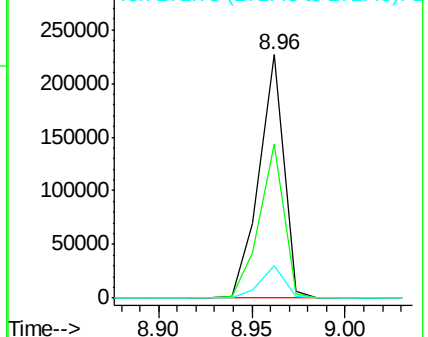
272 13.4 0.0 31.9

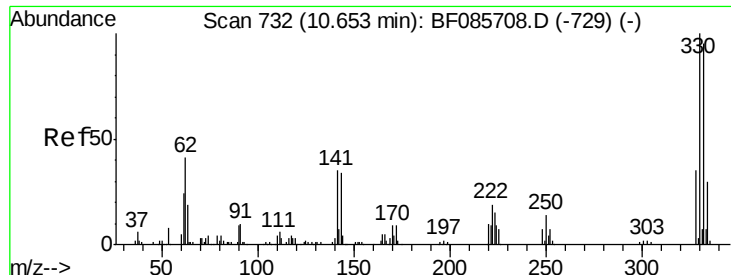


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





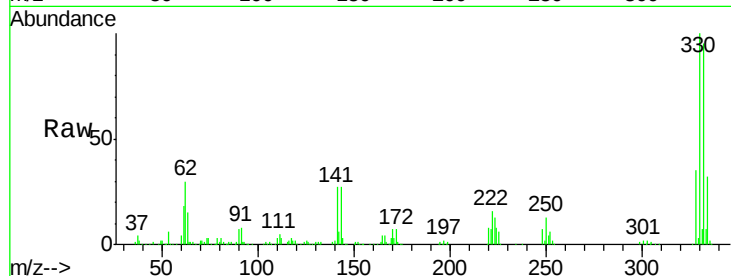
#41
 2,4,6-Tribromophenol
 Concen: 153.14 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

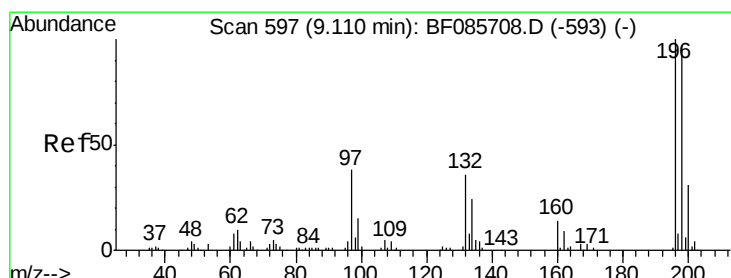
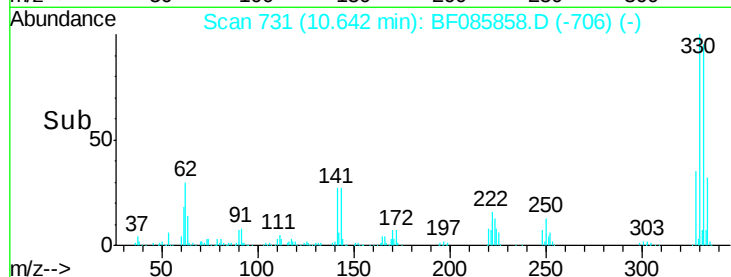
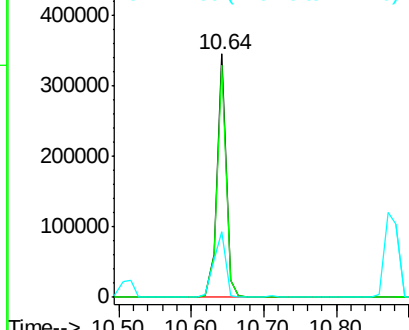
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	302593		
332	95.5	78.2	117.2	
141	35.3	31.5	47.3	

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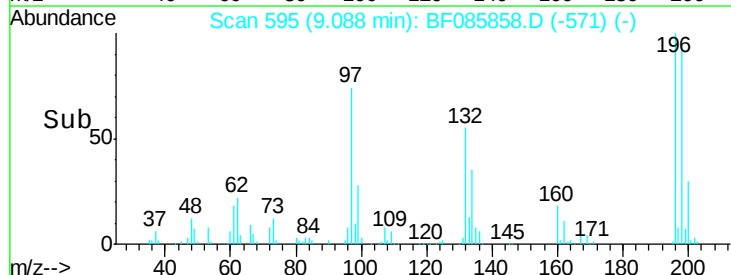
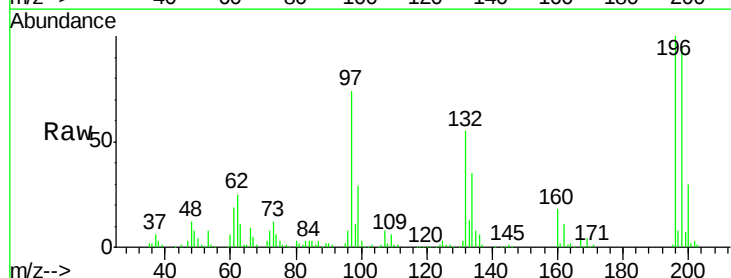
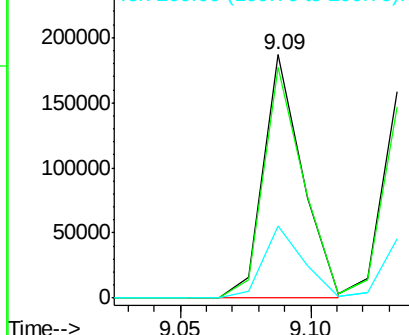
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

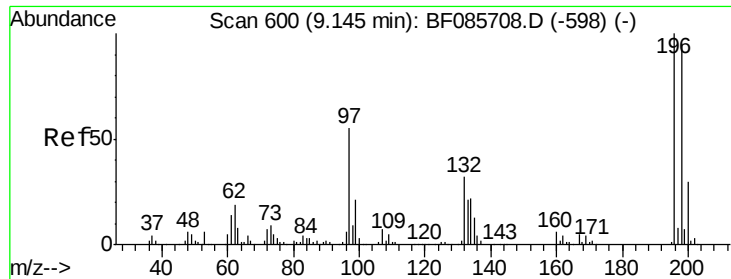


#42
 2,4,6-Trichlorophenol
 Concen: 46.68 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194446		
198	94.6	75.3	112.9	
200	29.6	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





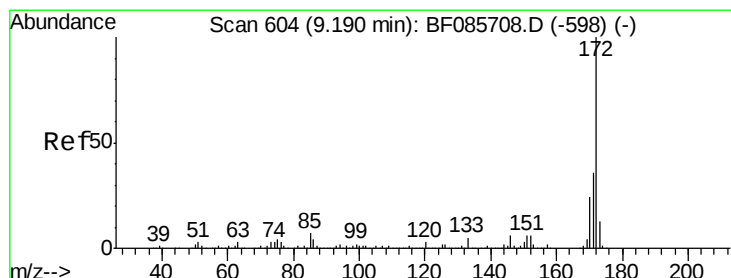
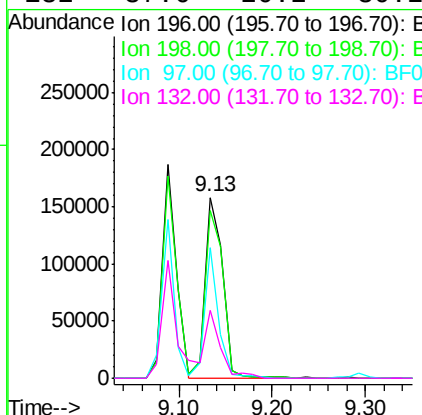
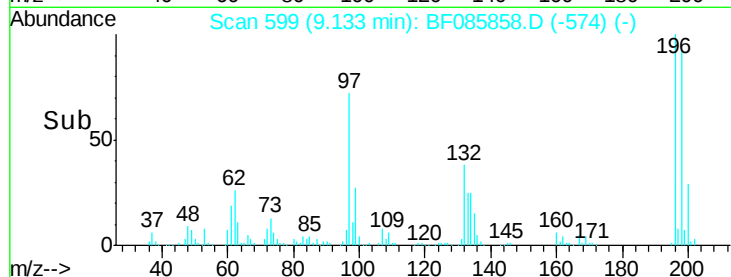
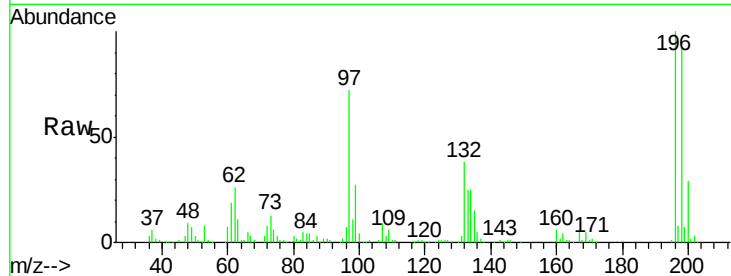
#43
 2,4,5-Trichlorophenol
 Concen: 47.33 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-7MSD

Tgt	Ion	Resp	Lower	Upper
196	100			
198	92.8	76.6	114.8	
97	72.3	30.5	45.7#	
132	37.6	20.2	30.2#	

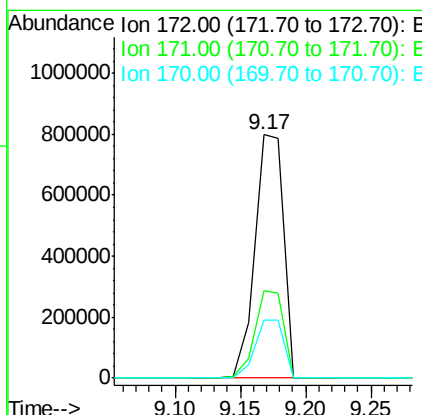
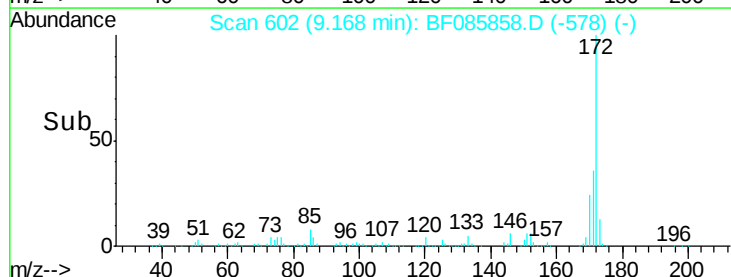
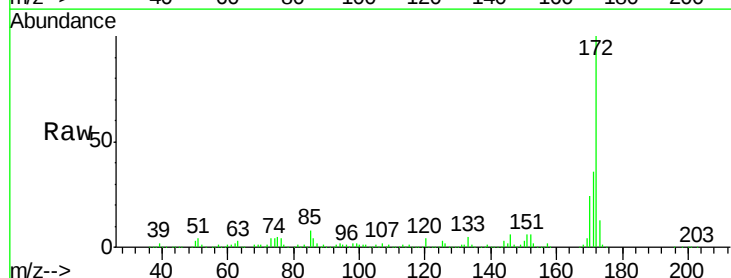
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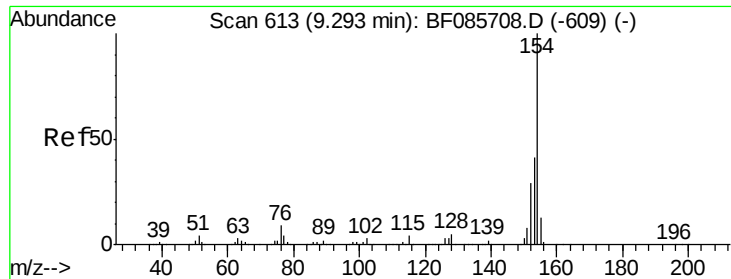
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#44
 2-Fluorobiphenyl
 Concen: 98.02 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt	Ion	Resp	Lower	Upper
172	100			
171	35.9	29.4	44.2	
170	24.0	19.8	29.6	





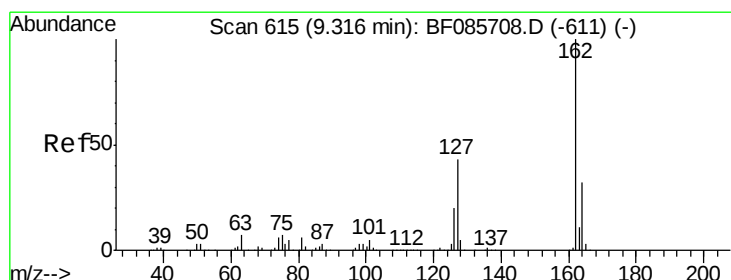
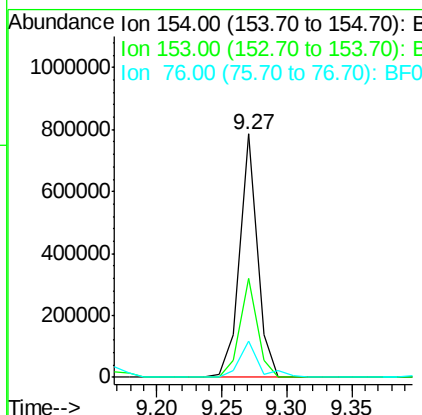
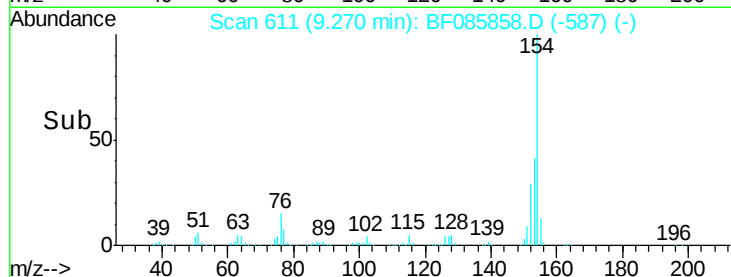
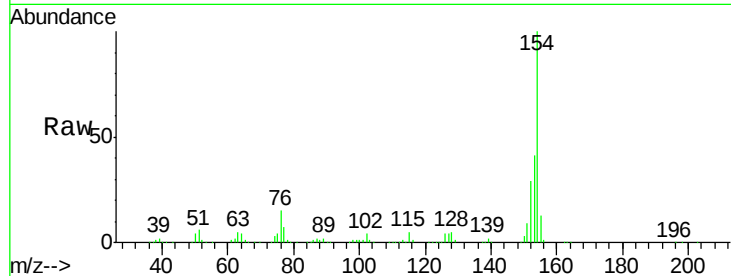
#45
 1,1'-Biphenyl
 Concen: 42.01 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-7MSD

Tgt Ion:	154	Resp:	737293
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.8	60.8
76	14.8	0.0	36.7

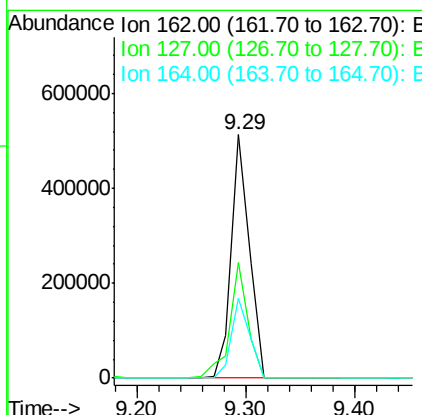
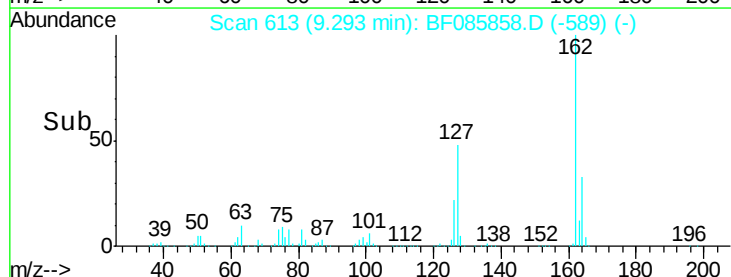
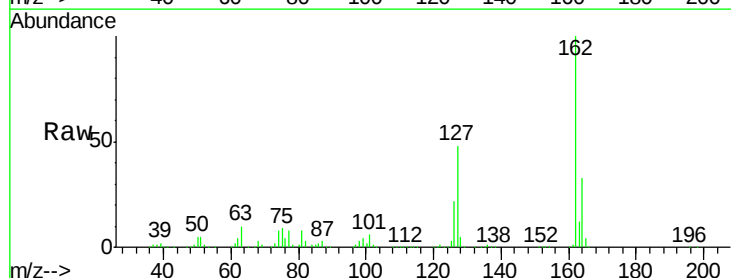
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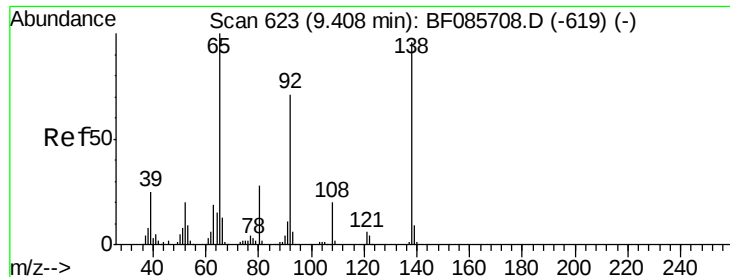
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#46
 2-Chloronaphthalene
 Concen: 45.10 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:	162	Resp:	581997
Ion Ratio	Lower	Upper	
162	100		
127	47.7	31.7	47.5#
164	32.6	27.3	40.9





#47

2-Nitroaniline

Concen: 48.06 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampled :

TP-7MSD

Tgt Ion: 65 Resp: 189621
Ion Ratio Lower Upper

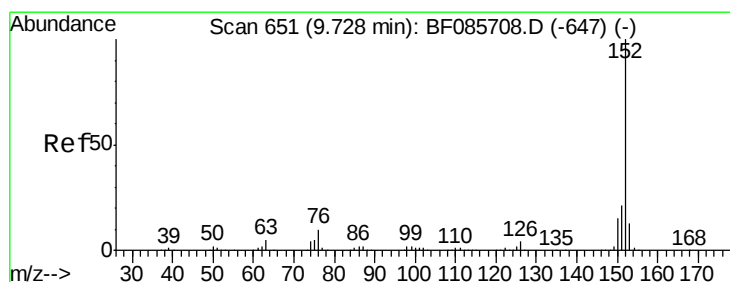
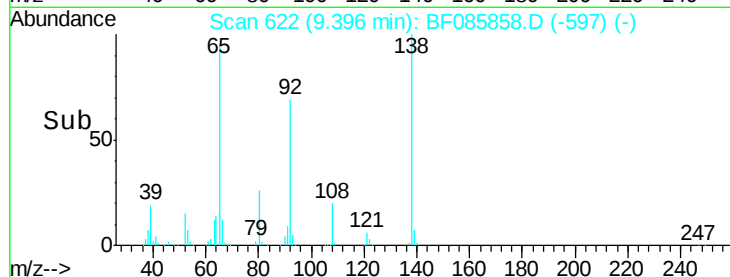
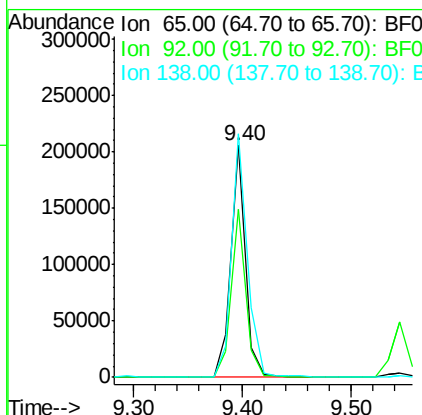
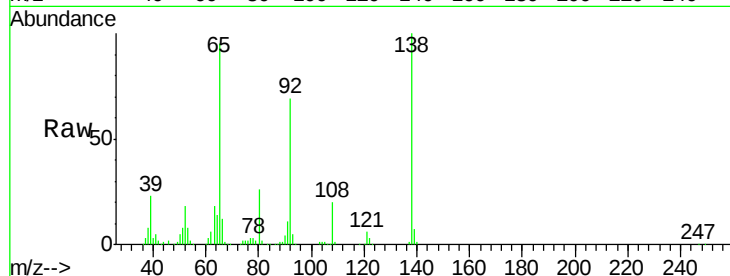
65 100

92 72.6 59.7 89.5

138 105.0 91.4 137.0

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#48

Acenaphthylene

Concen: 46.86 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085858.D

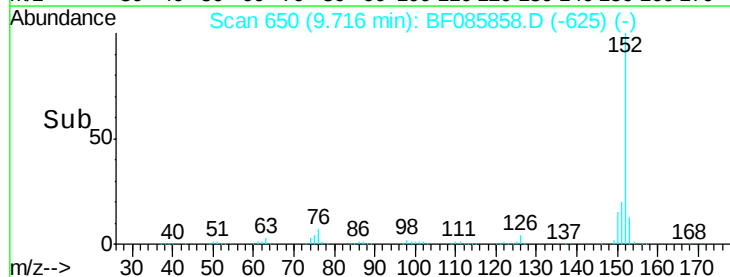
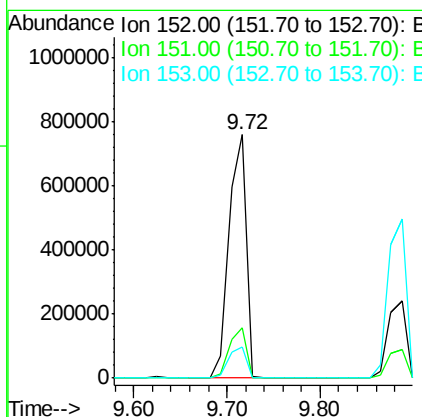
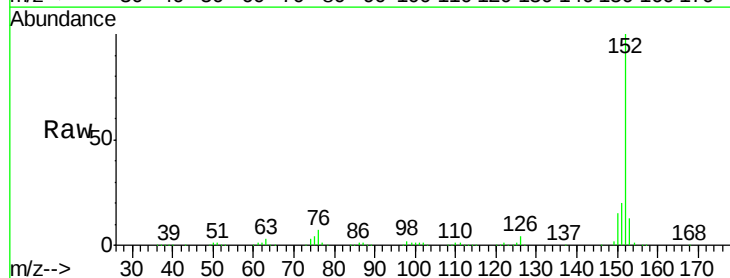
Acq: 29 Mar 2016 19:36

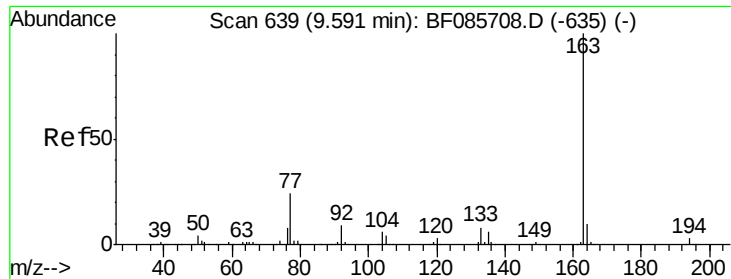
Tgt Ion: 152 Resp: 985165
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 12.9 10.9 16.3





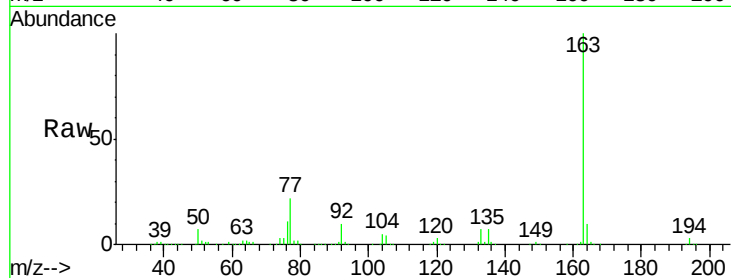
#49
Dimethylphthalate
Concen: 57.44 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

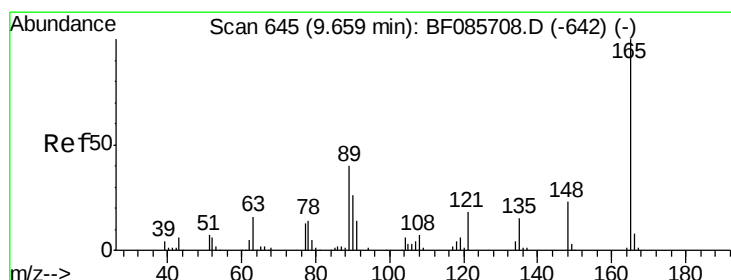
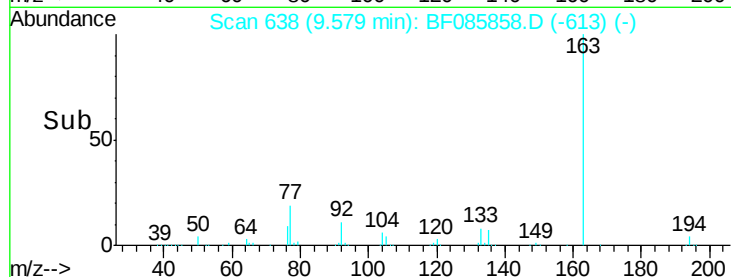
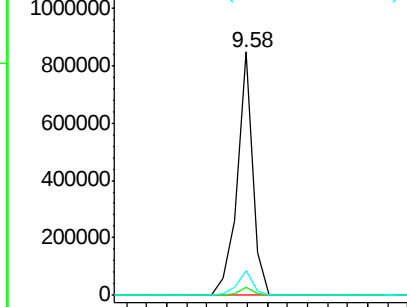
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.4	8.3	12.5

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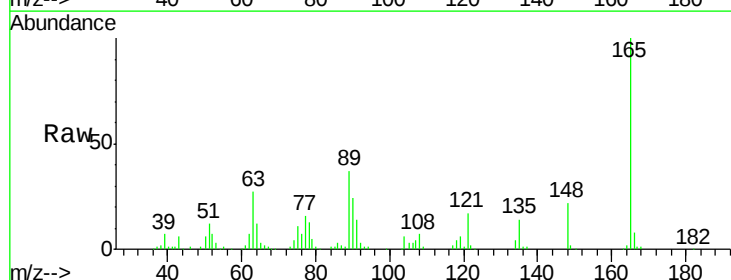


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

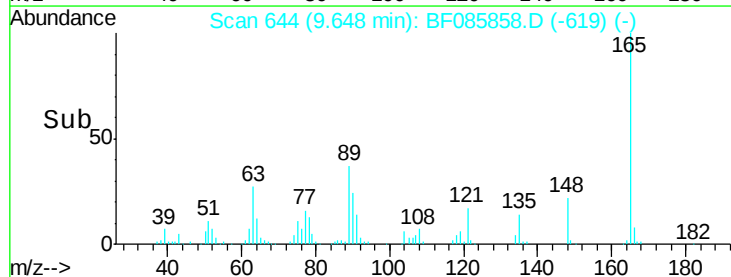
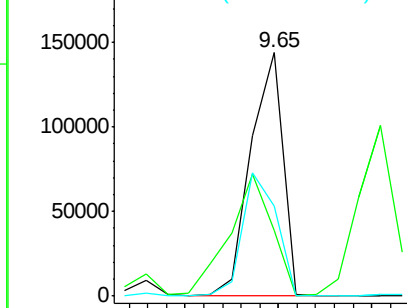


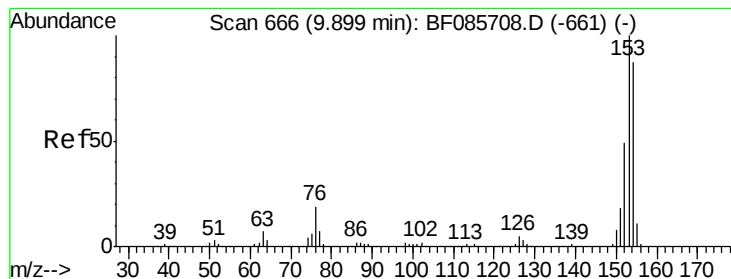
#50
2,6-Dinitrotoluene
Concen: 50.71 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	27.1	51.8	77.8#
89	37.1	53.7	80.5#



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





#51

Acenaphthene

Concen: 45.36 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

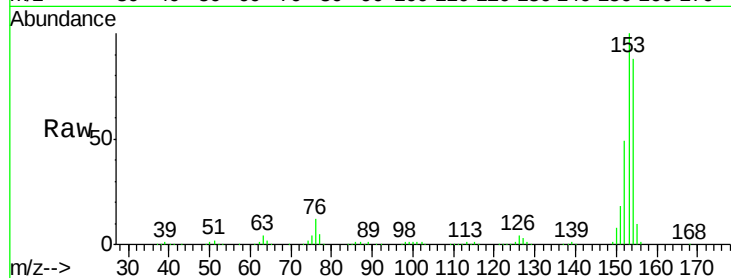
ClientSampleId :

TP-7MSD

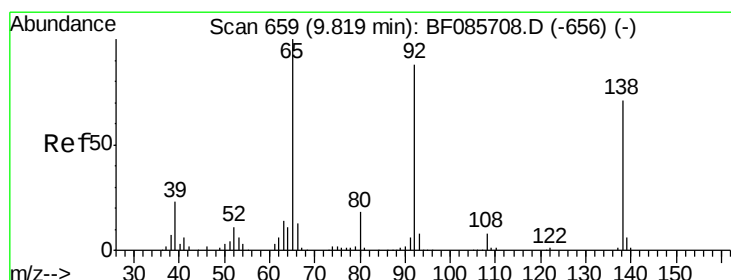
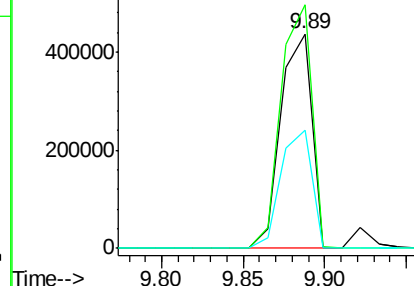
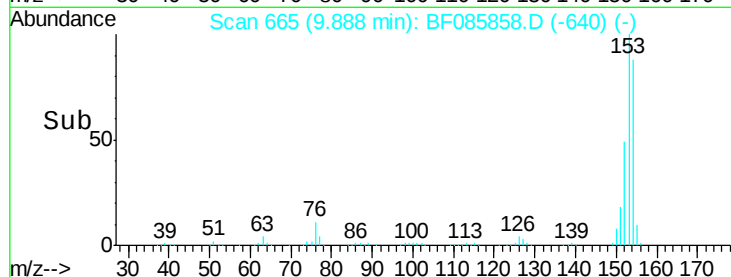
Tgt Ion:	154	Resp:	582562
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.1	135.1
152	55.2	44.2	66.2

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



#52

3-Nitroaniline

Concen: 35.77 ng

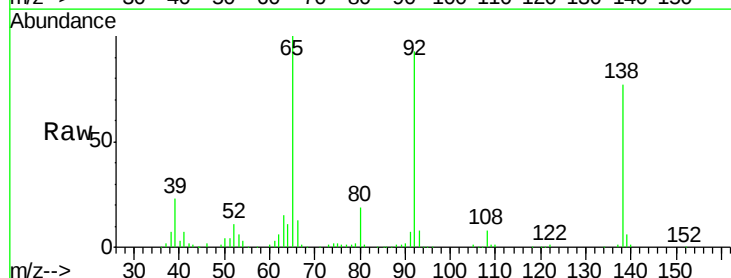
RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

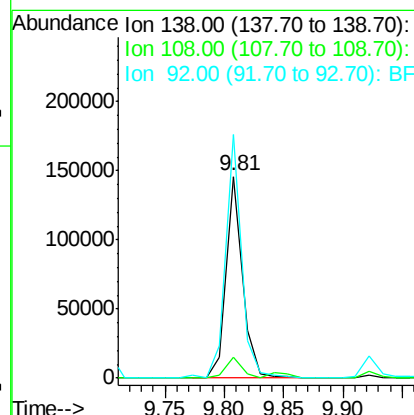
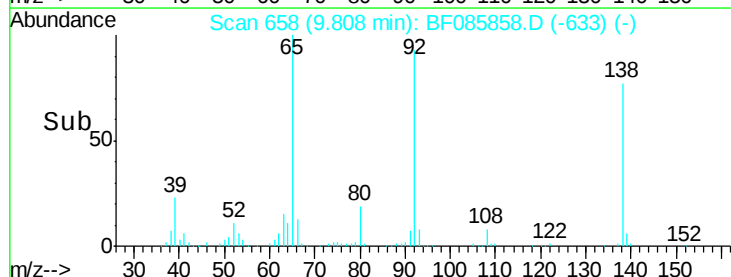
Lab File: BF085858.D

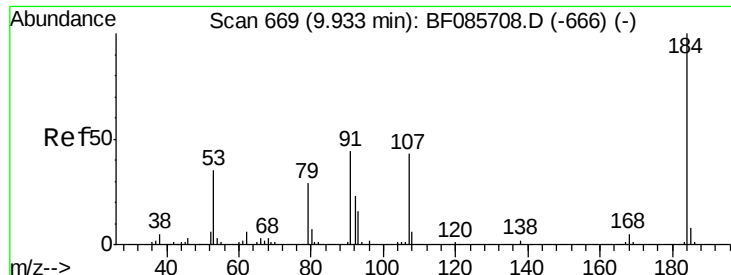
Acq: 29 Mar 2016 19:36

Tgt Ion:	138	Resp:	139035
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.7	13.1
92	120.9	93.3	139.9



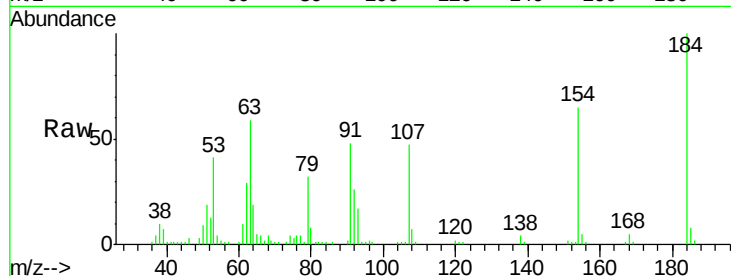
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 38.66 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

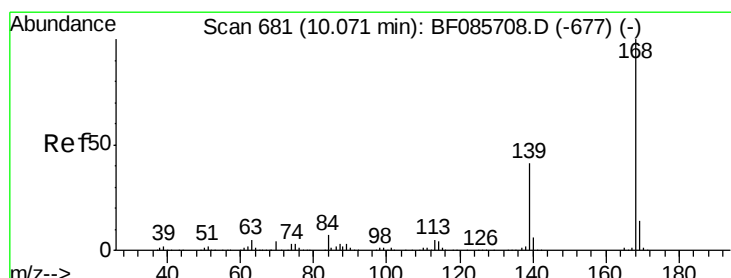
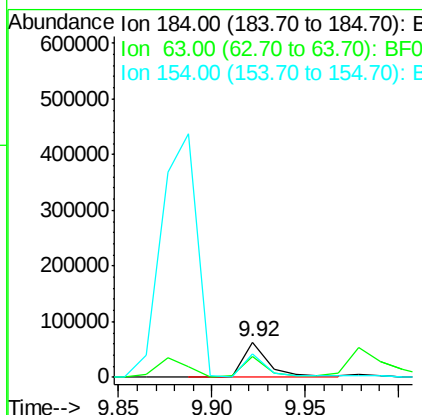
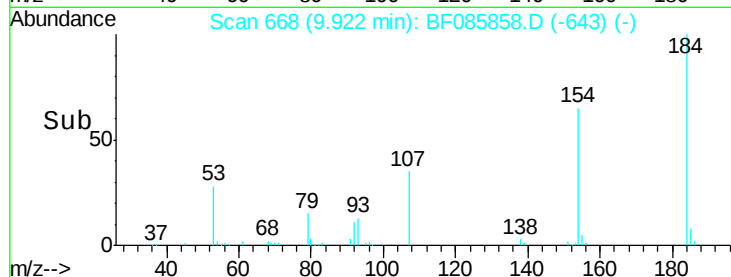
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:184 Resp: 60543
Ion Ratio Lower Upper
184 100
63 58.6 69.5 104.3#
154 65.5 58.3 87.5

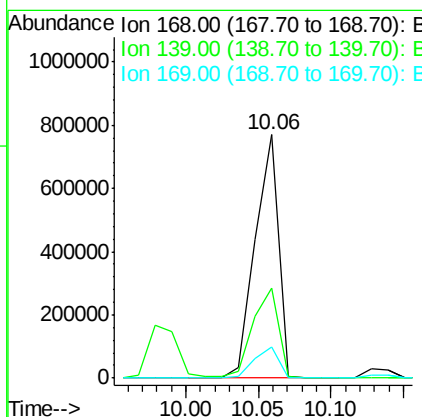
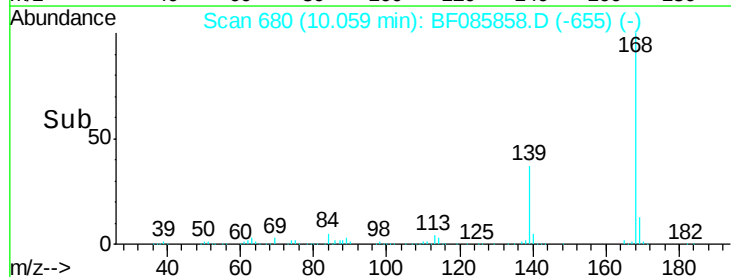
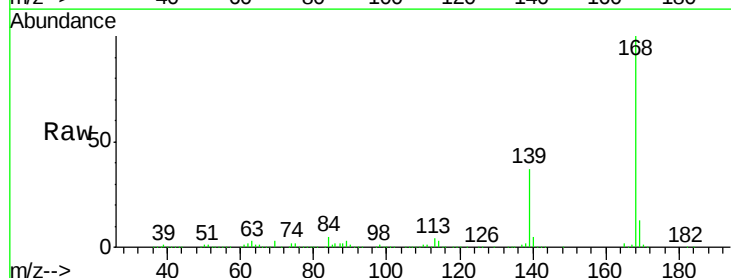
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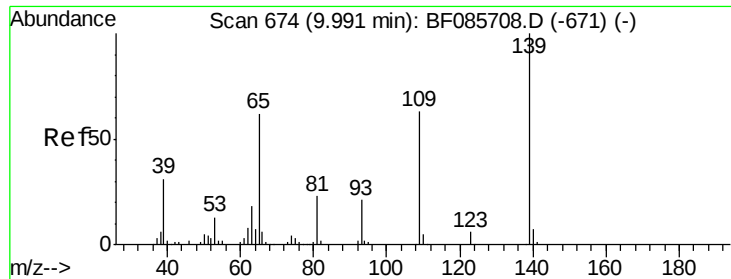
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#54
Dibenzofuran
Concen: 51.80 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:168 Resp: 861044
Ion Ratio Lower Upper
168 100
139 37.2 31.9 47.9
169 12.9 11.0 16.6





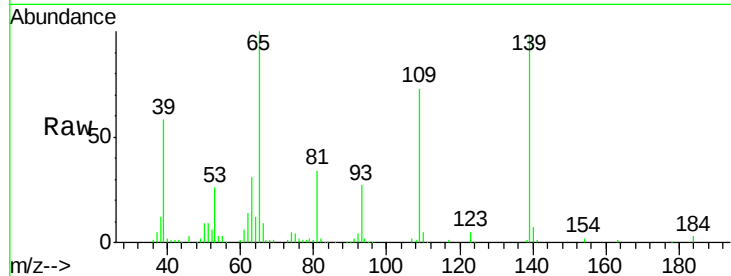
#55
4-Nitrophenol
Concen: 94.59 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampled :
TP-7MSD

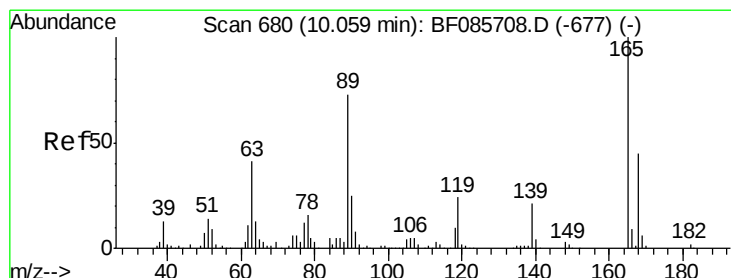
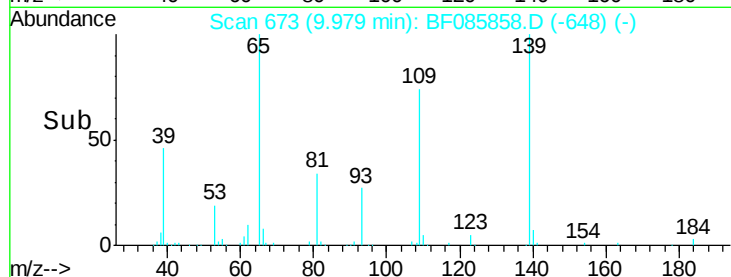
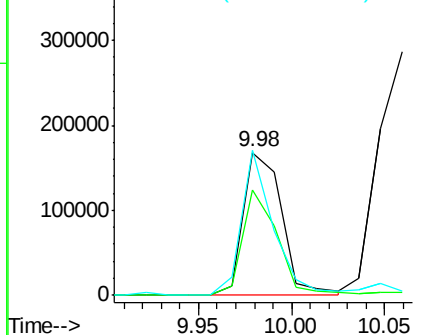
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239562		
109	74.0	49.2	89.2	
65	101.8	66.9	106.9	

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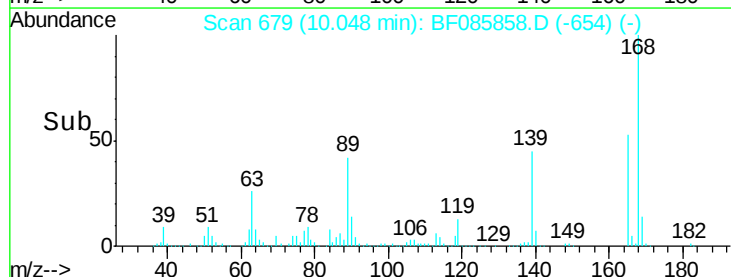
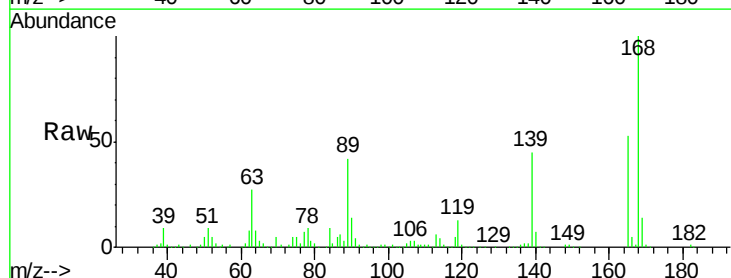
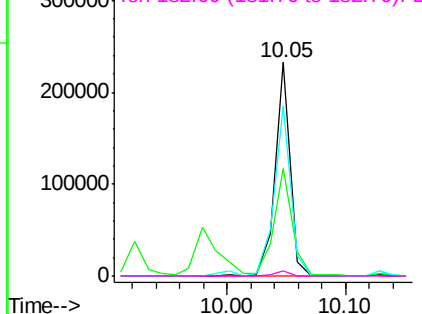
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

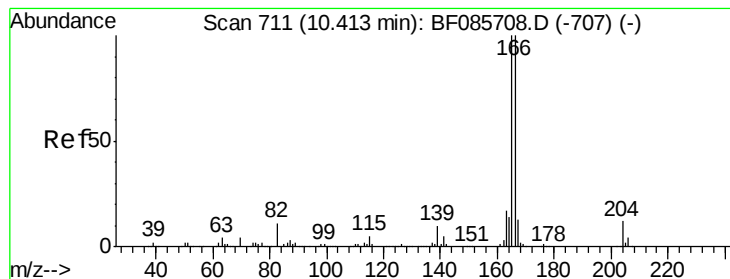


#56
2,4-Dinitrotoluene
Concen: 47.46 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204853		
63	50.3	24.9	37.3#	
89	79.4	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: 47.88 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

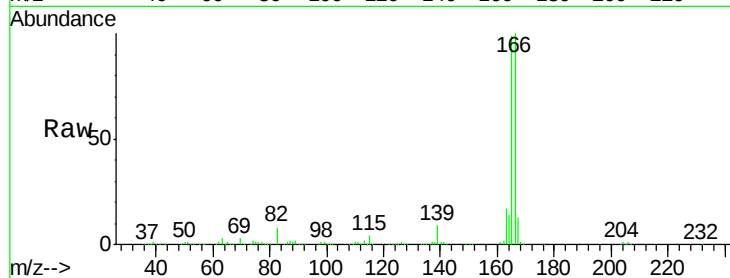
TP-7MSD

Manual Integrations
APPROVED

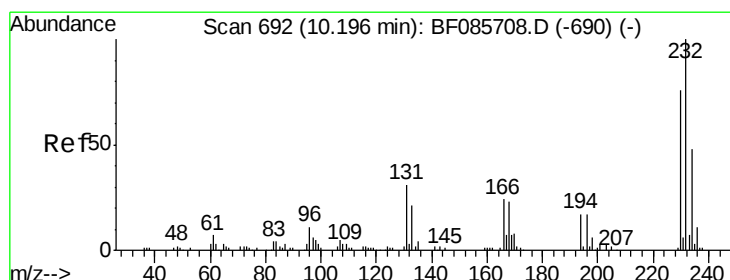
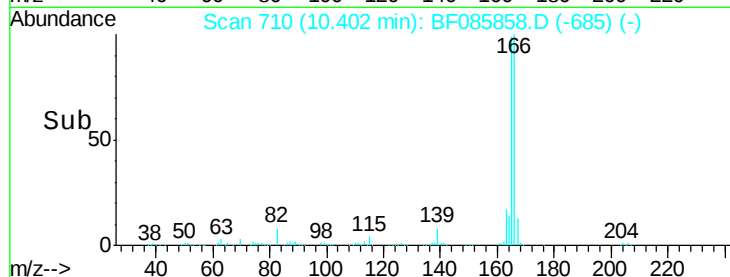
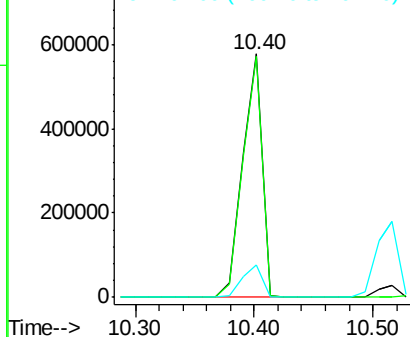
Sohil

3/30/2016 7:06:29 PM

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	661644		
165	99.1	79.4	119.0	
167	13.1	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.21 ng

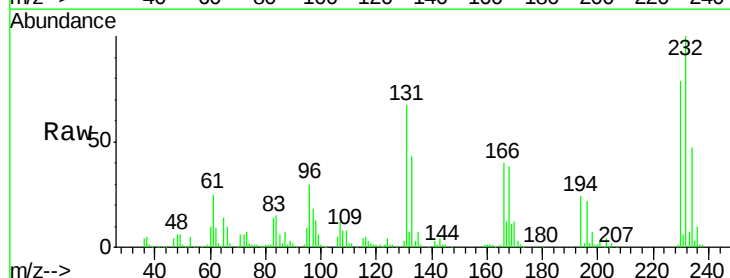
RT: 10.17 min Scan# 690

Delta R.T. -0.02 min

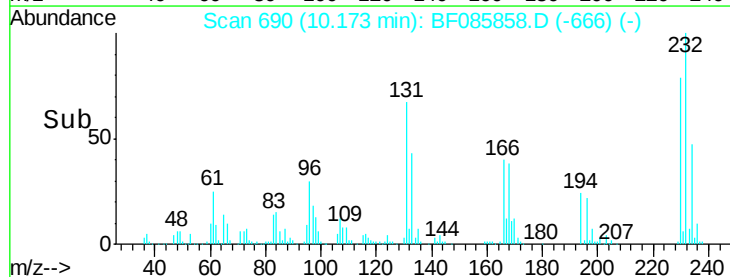
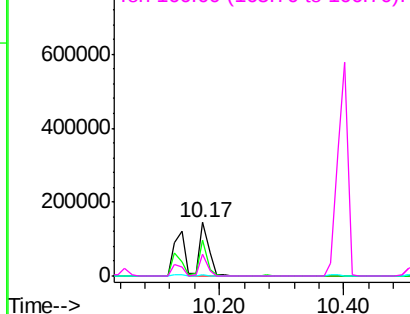
Lab File: BF085858.D

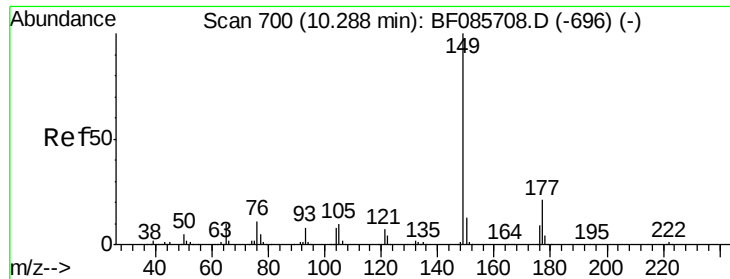
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	158492		
131	55.8	44.9	67.3	
130	2.8	2.3	3.5	
166	33.7	28.1	42.1	



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





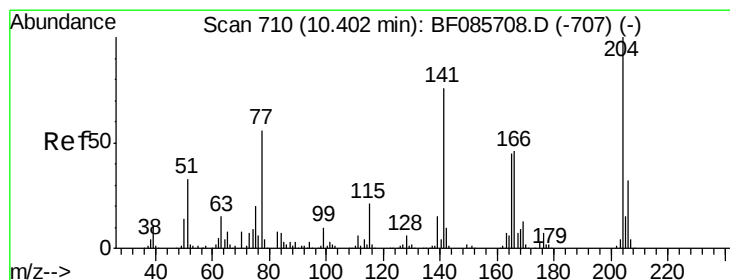
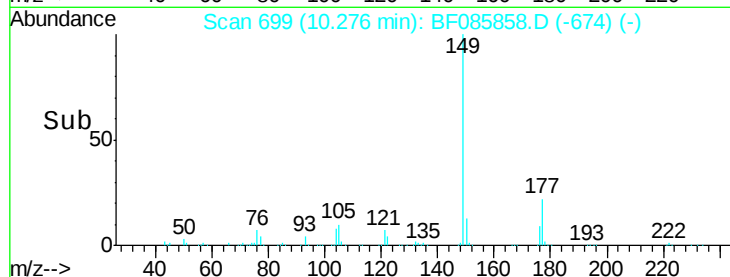
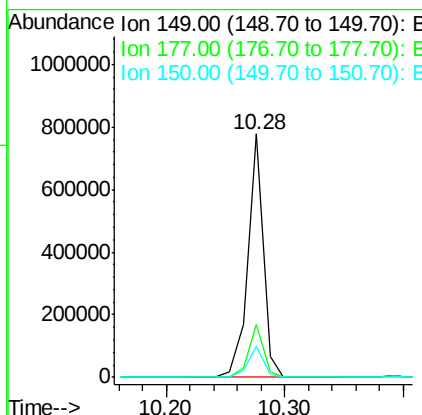
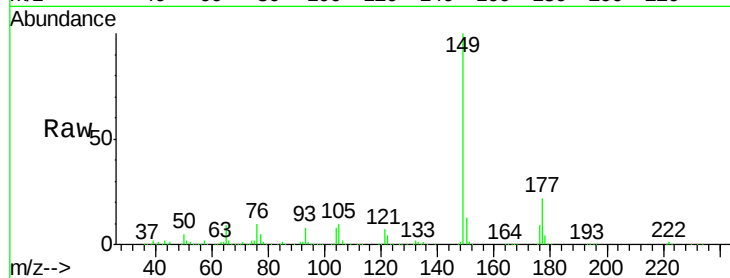
#59
Diethylphthalate
Concen: 45.39 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampled :
TP-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.8	17.9	26.9
150	12.9	10.2	15.2

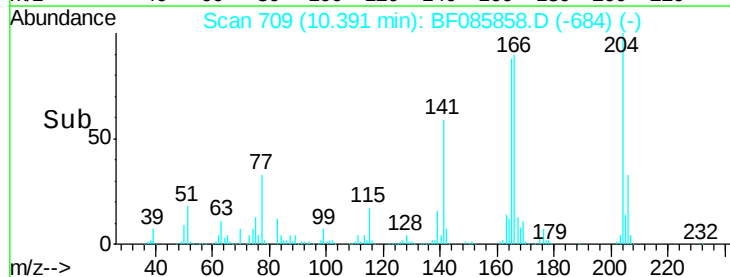
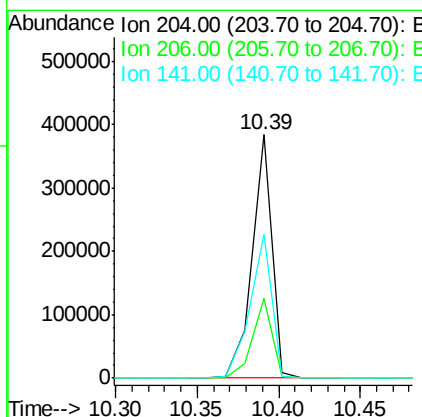
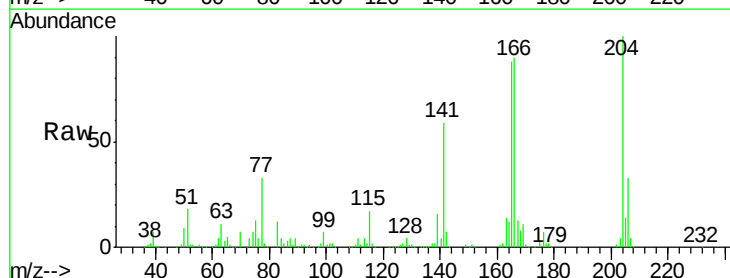
Manual Integrations
APPROVED

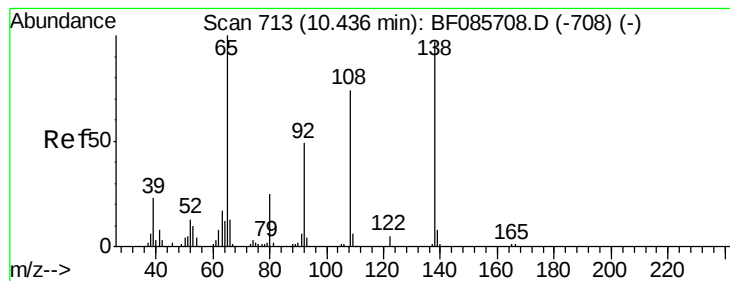
Sohil
3/30/2016 7:06:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.83 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	26.6	39.8
141	59.2	57.4	86.0





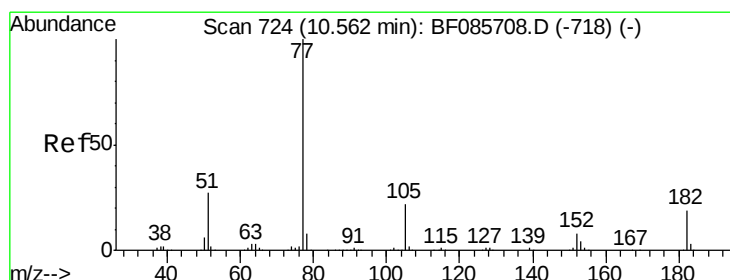
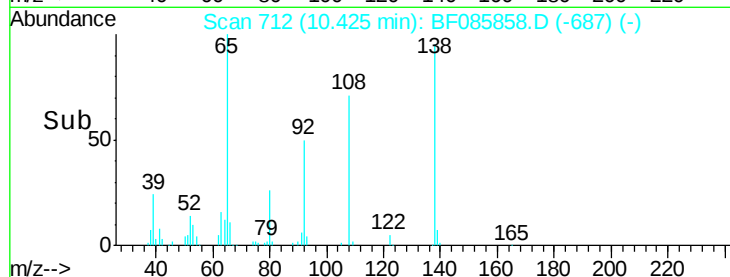
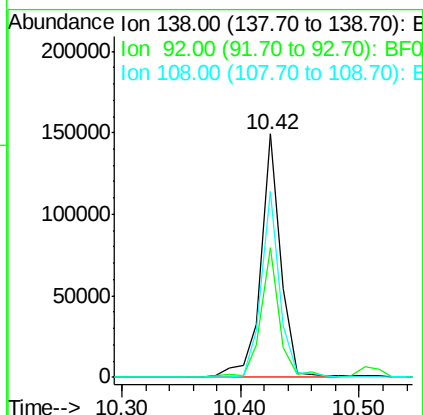
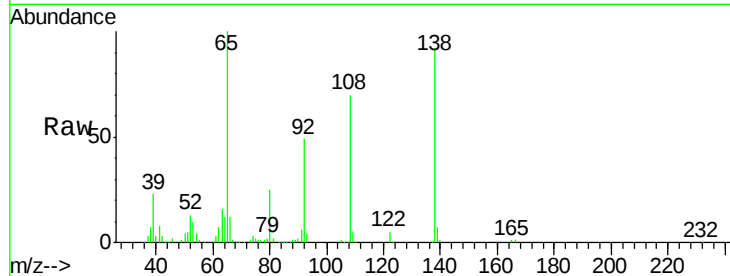
#61
4-Nitroaniline
Concen: 47.22 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	175580		
92	53.2	26.4	66.4	
108	76.3	49.0	89.0	

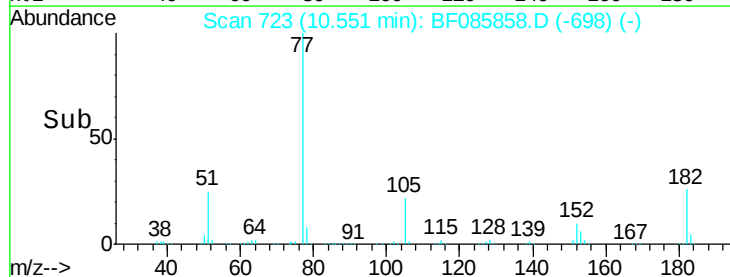
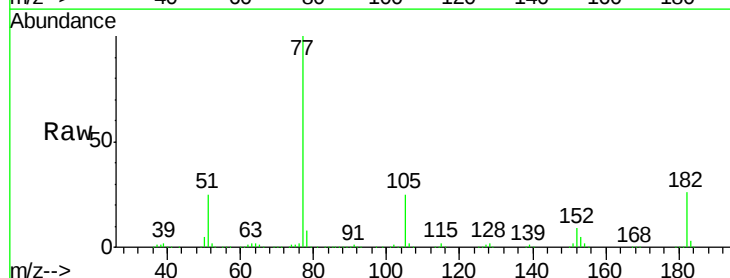
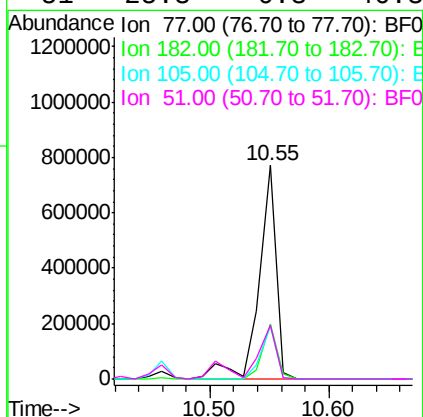
Manual Integrations
APPROVED

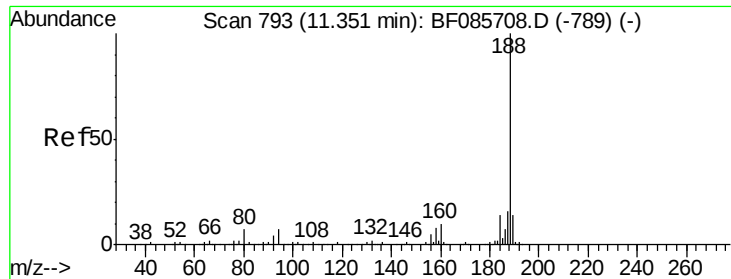
Sohil
3/30/2016 7:06:29 PM



#62
Azobenzene
Concen: 52.67 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	788939		
182	25.6	1.9	41.9	
105	24.5	3.5	43.5	
51	25.3	6.3	46.3	





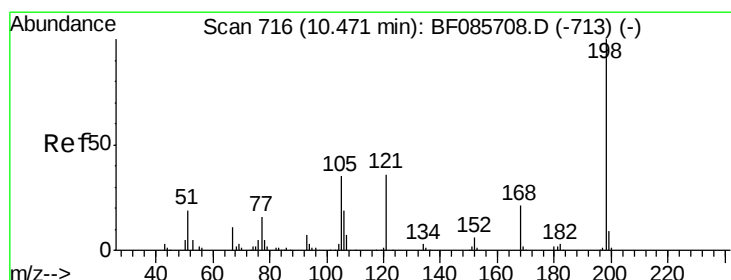
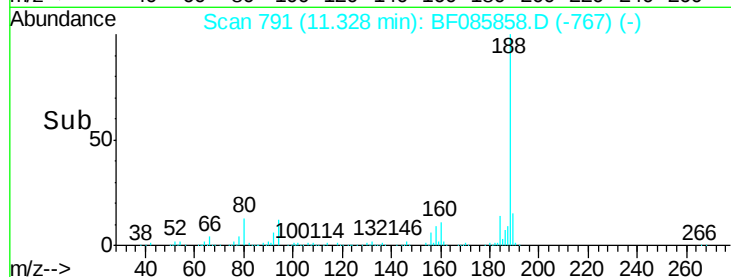
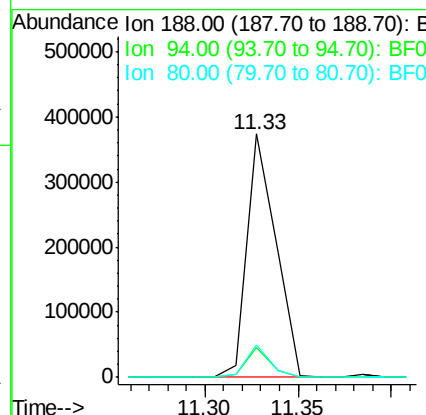
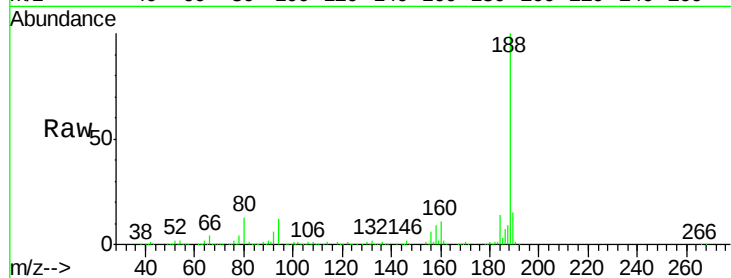
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	5.4	8.0#
80	13.2	5.5	8.3#

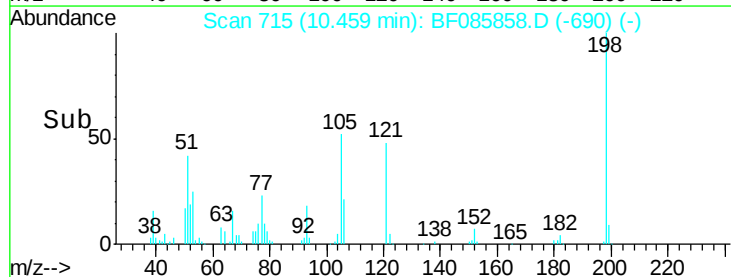
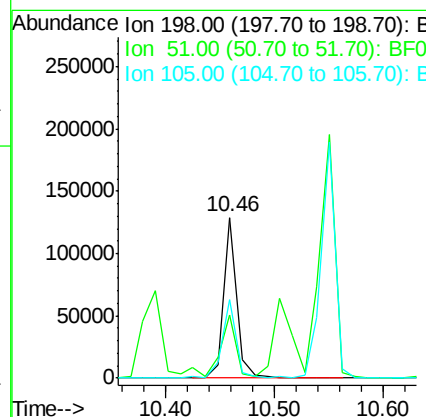
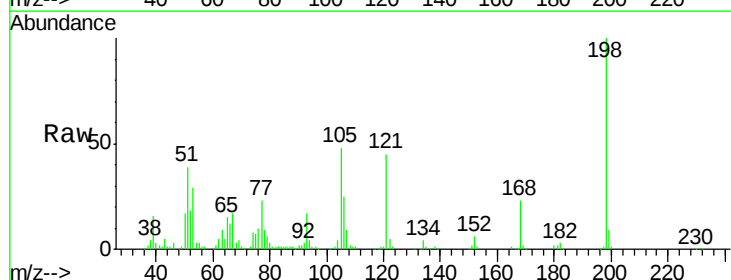
Manual Integrations
APPROVED

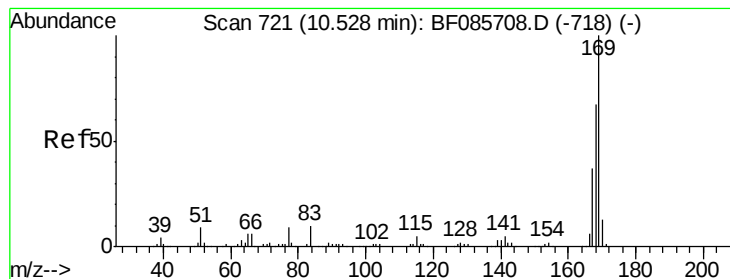
Sohil
3/30/2016 7:06:29 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.73 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.9	45.4	85.4#
105	48.4	45.9	85.9





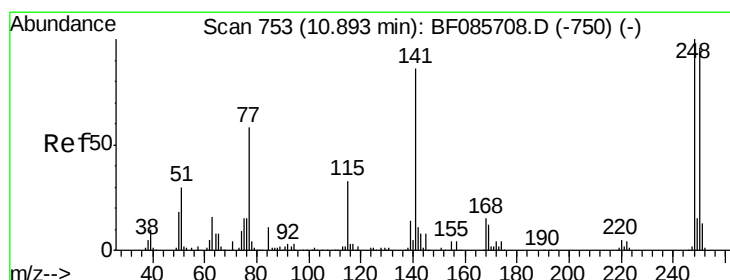
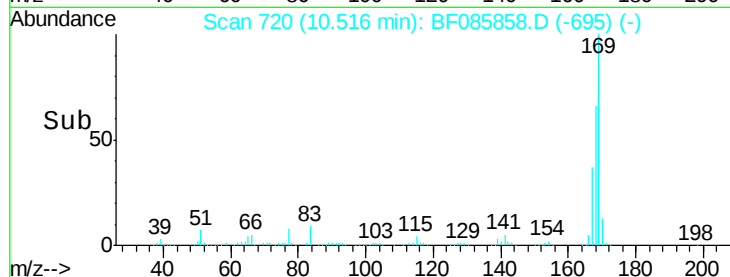
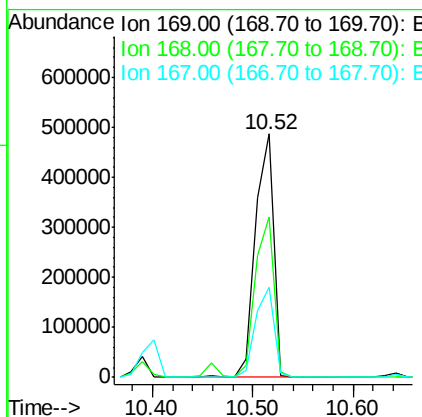
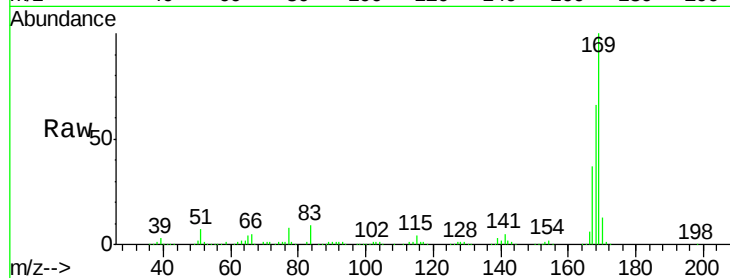
#65
n-Nitrosodiphenylamine
Concen: 48.11 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.0	54.4	81.6
167	36.9	29.4	44.0

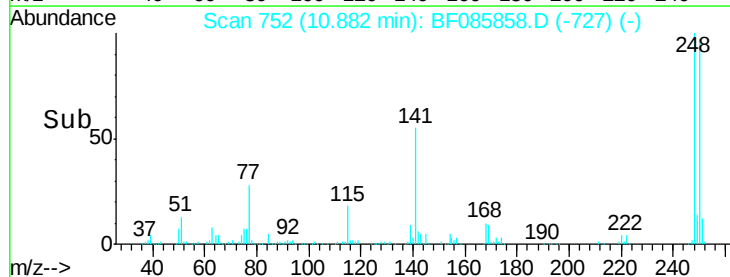
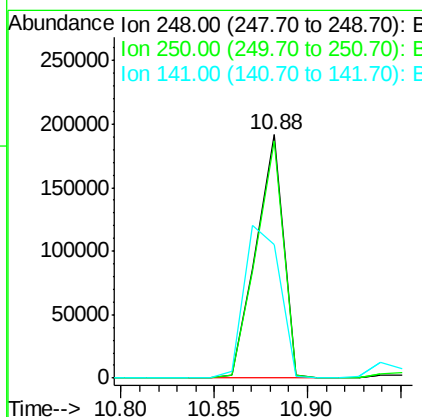
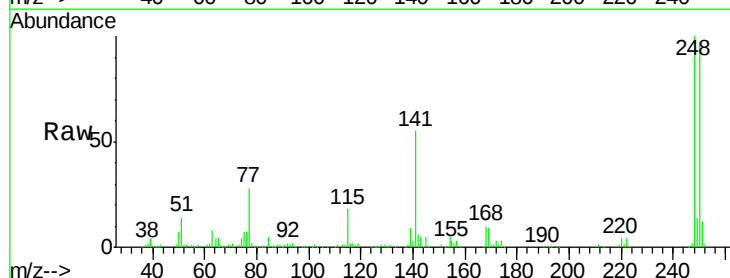
Manual Integrations
APPROVED

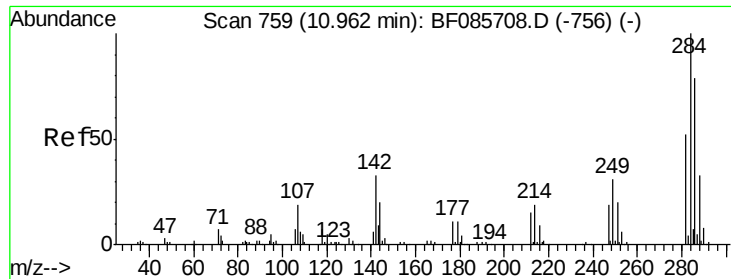
Sohil
3/30/2016 7:06:29 PM



#66
4-Bromophenyl-phenylether
Concen: 47.20 ng
RT: 10.88 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.5	77.4	116.0
141	54.7	63.6	95.4





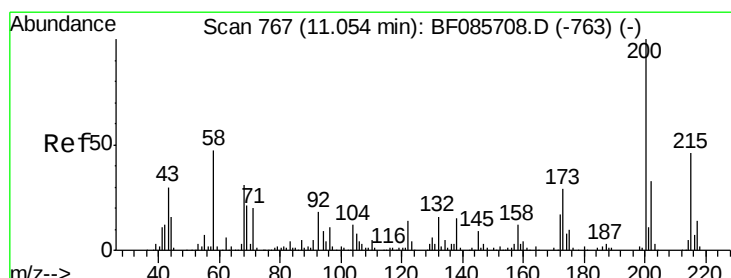
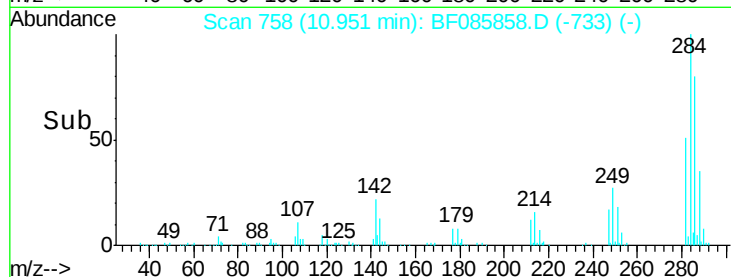
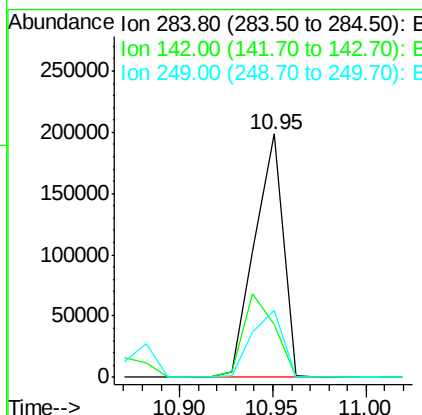
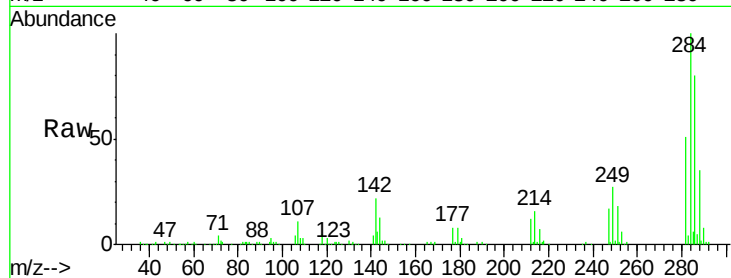
#67
Hexachlorobenzene
Concen: 48.89 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampled :
TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	210400		
142	21.8	23.1	34.7#	
249	27.4	24.2	36.2	

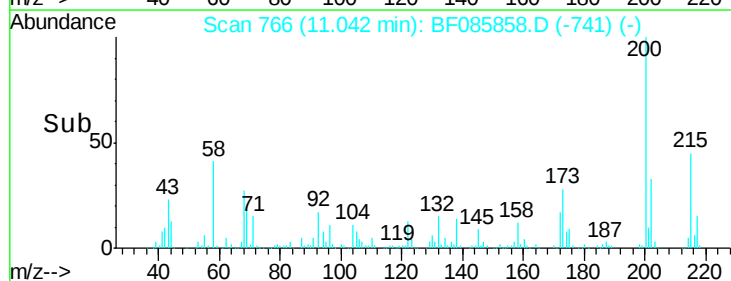
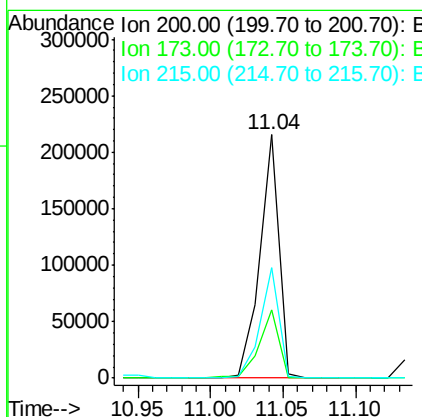
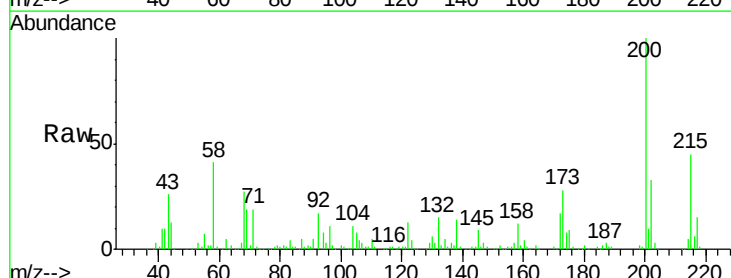
Manual Integrations
APPROVED

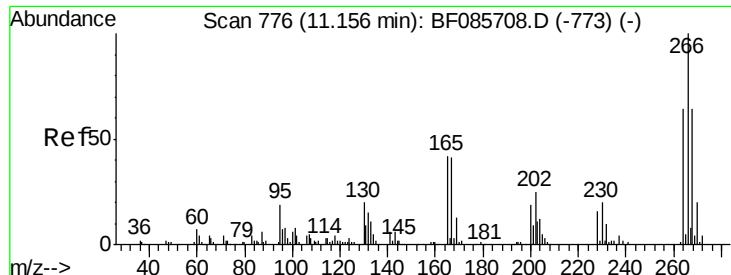
Sohil
3/30/2016 7:06:29 PM



#68
Atrazine
Concen: 45.96 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	197660		
173	28.3	7.7	47.7	
215	45.2	25.4	65.4	





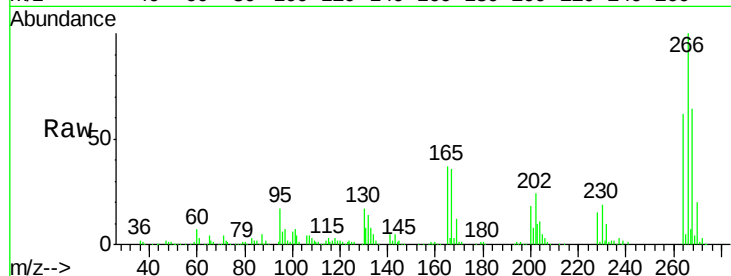
#69
 Pentachlorophenol
 Concen: 98.95 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

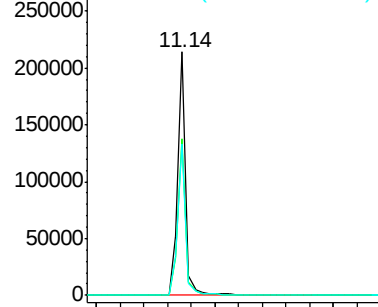
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	209056		
268	64.2	51.5	77.3	
264	62.4	50.6	76.0	

Manual Integrations
 APPROVED

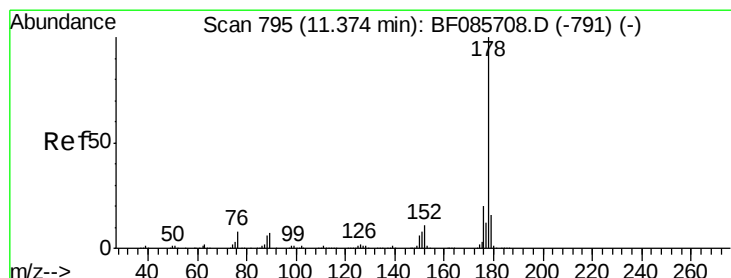
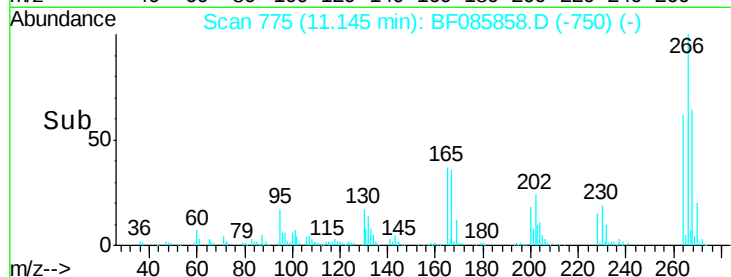
Sohil
 3/30/2016 7:06:29 PM



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

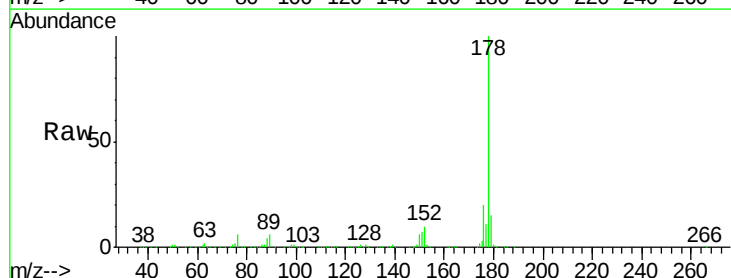


Time--> 11.00 11.20 11.40

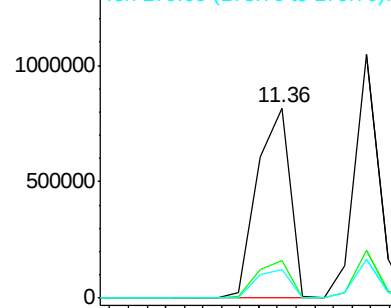


#70
 Phenanthrene
 Concen: 48.50 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

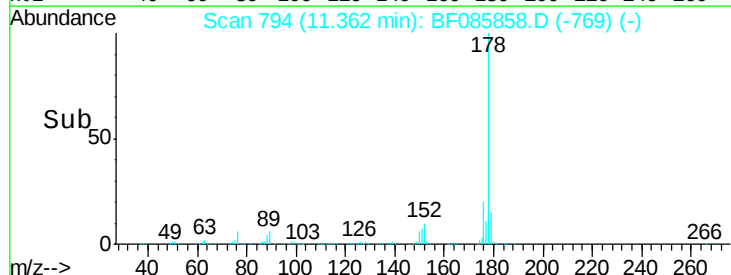
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1001583		
176	20.1	16.3	24.5	
179	15.4	12.6	18.8	

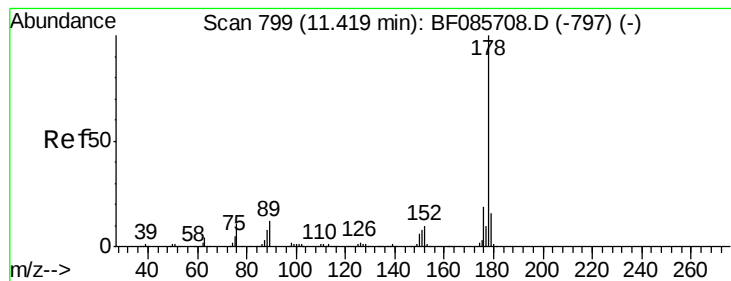


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 11.30 11.35 11.40





#71

Anthracene

Concen: 43.22 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

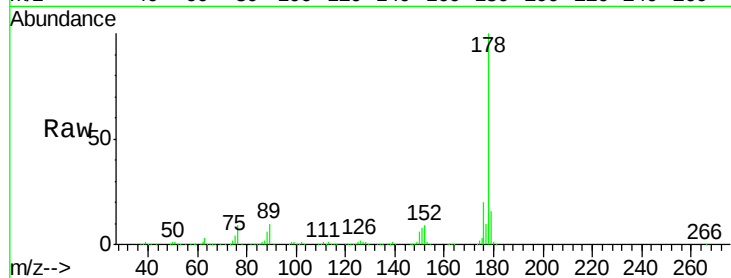
ClientSampled :

TP-7MSD

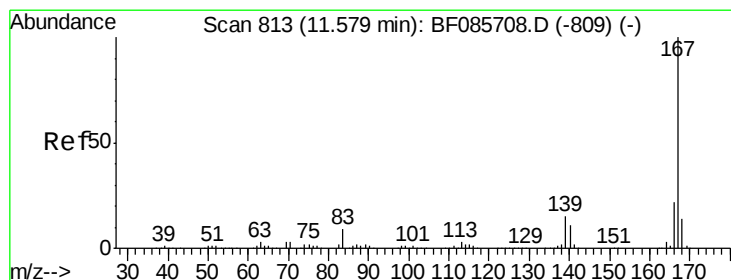
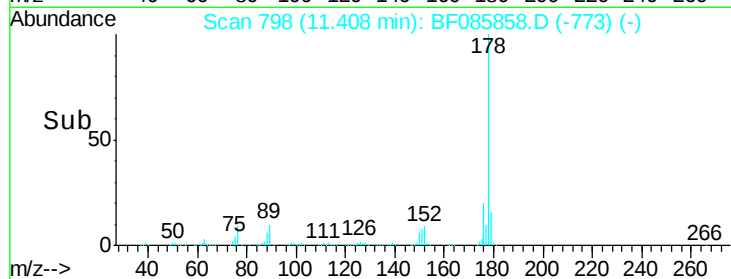
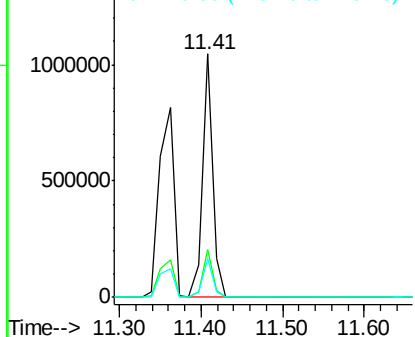
Tgt Ion:	178	Resp:	937128
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	16.1	13.0	19.4

Manual Integrations
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Sohil
3/30/2016 7:06:29 PM



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



#72

Carbazole

Concen: 53.21 ng

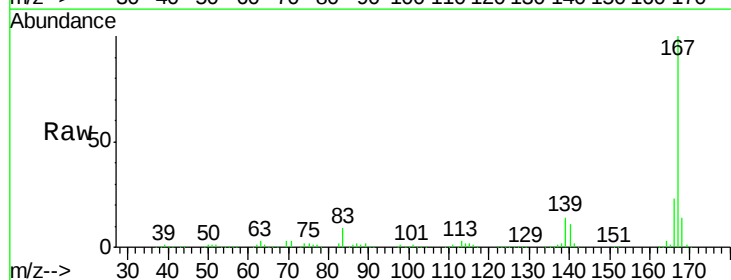
RT: 11.57 min Scan# 812

Delta R.T. -0.01 min

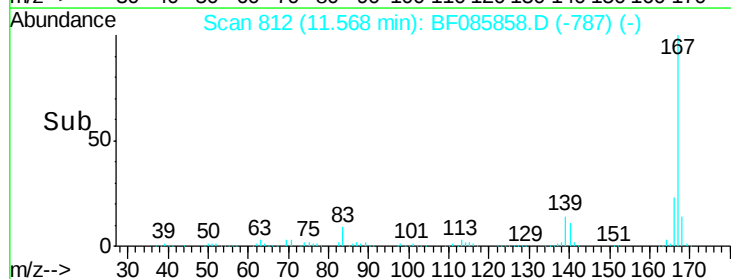
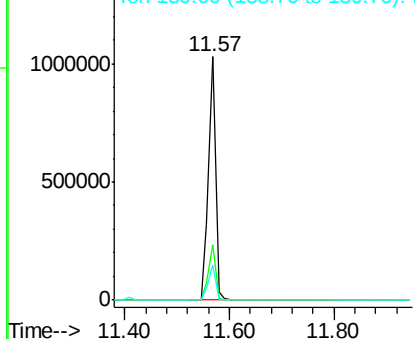
Lab File: BF085858.D

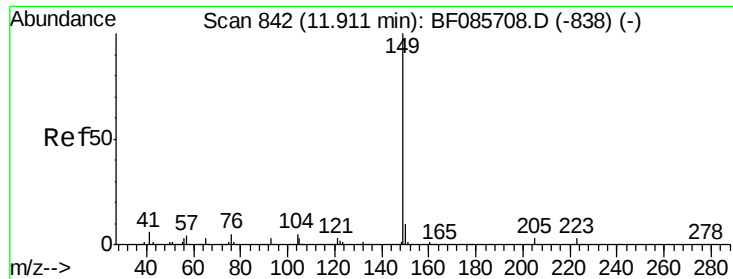
Acq: 29 Mar 2016 19:36

Tgt Ion:	167	Resp:	968646
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.8	26.8
139	14.4	11.6	17.4



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





#73

Di-n-butylphthalate

Concen: 46.33 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:149 Resp: 1157200

Ion Ratio Lower Upper

149 100

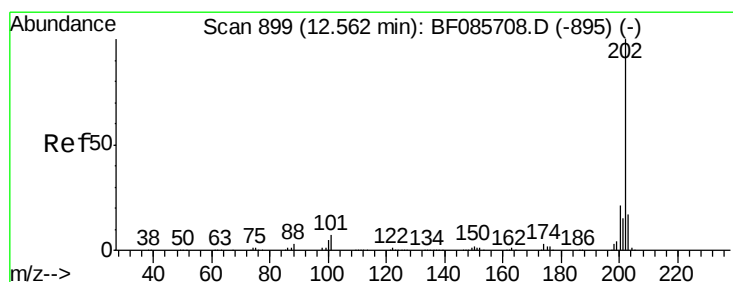
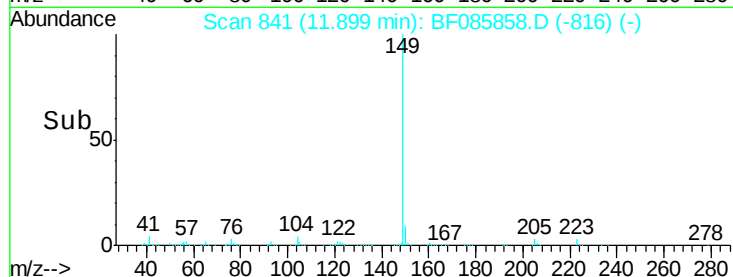
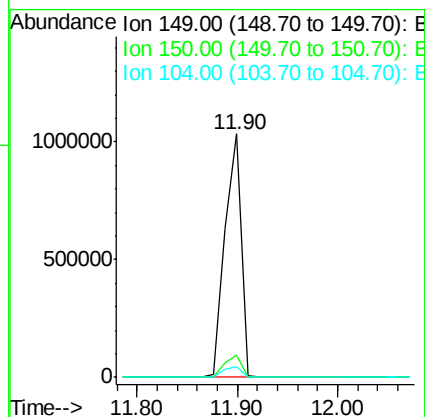
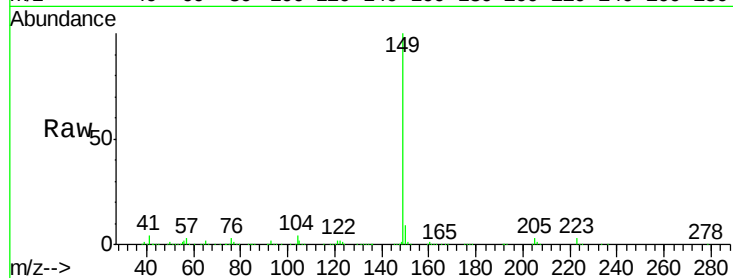
150 9.2 7.6 11.4

104 4.2 3.8 5.8

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#74

Fluoranthene

Concen: 41.17 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

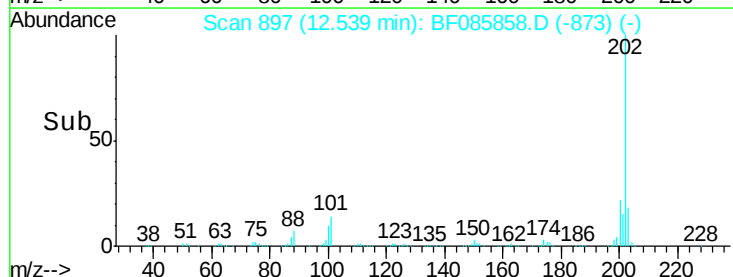
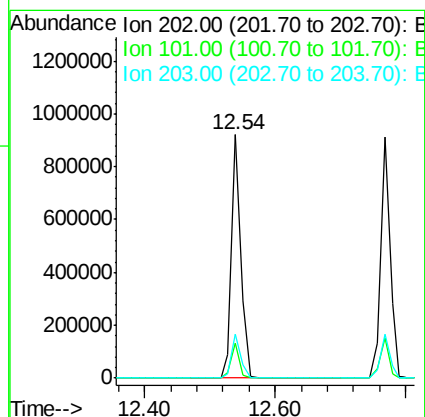
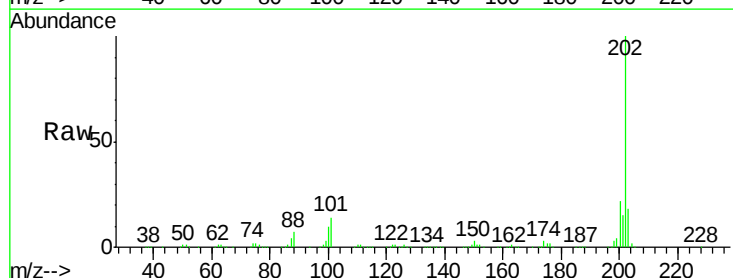
Tgt Ion:202 Resp: 903739

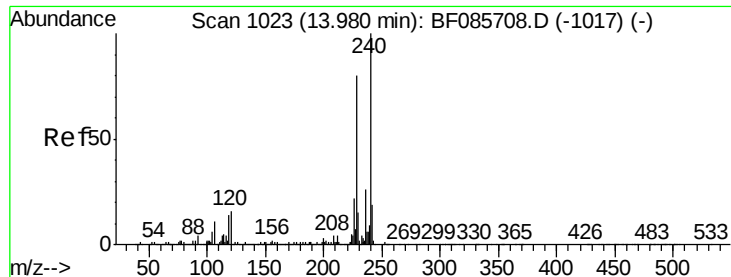
Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.6

203 18.3 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: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

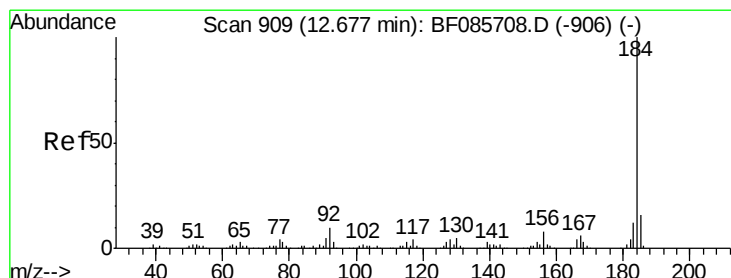
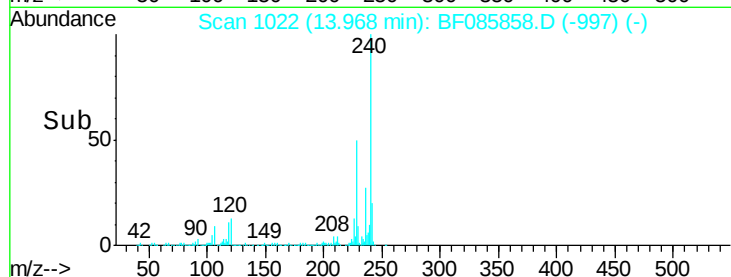
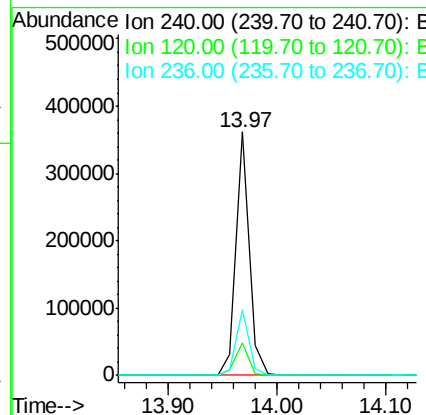
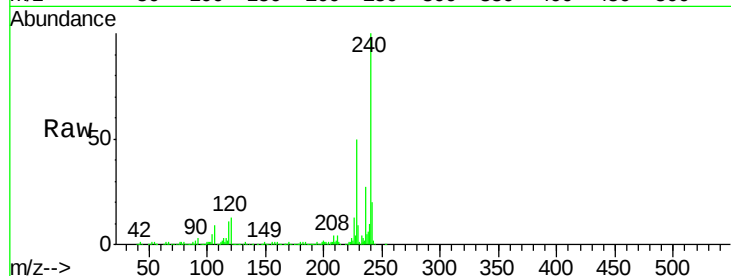
ClientSampled :

TP-7MSD

Tgt Ion:	240	Resp:	304148
Ion Ratio		Lower	Upper
240	100		
120	13.2	13.8	20.8#
236	27.1	20.6	30.8

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#76

Benzidine

Concen: 33.08 ng

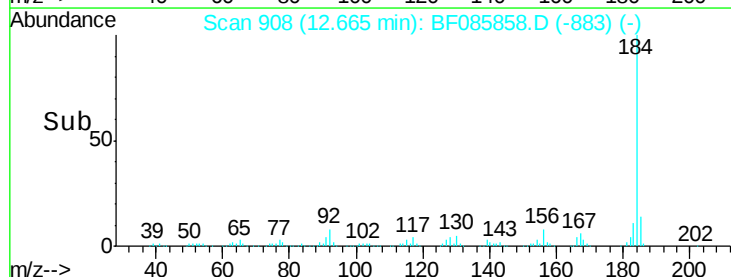
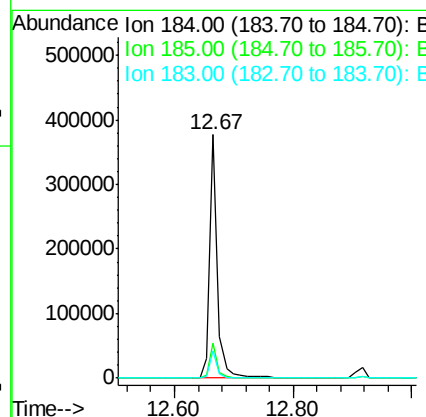
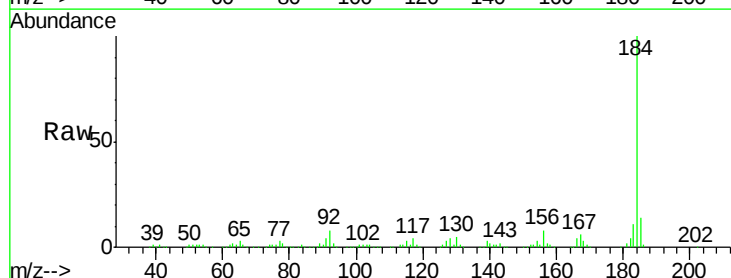
RT: 12.67 min Scan# 908

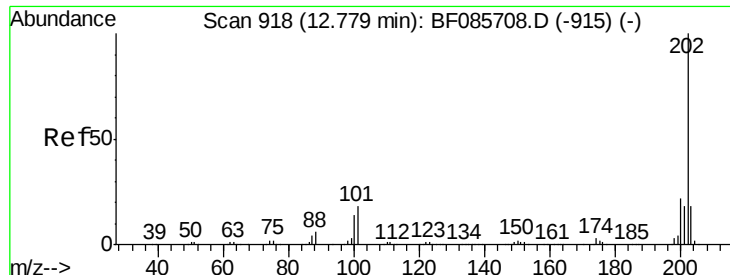
Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	184	Resp:	354370
Ion Ratio		Lower	Upper
184	100		
185	14.4	12.4	18.6
183	11.5	9.4	14.2





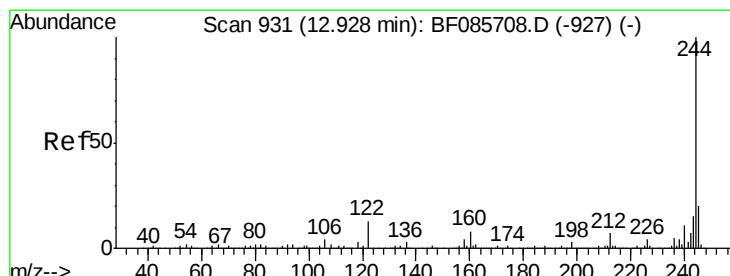
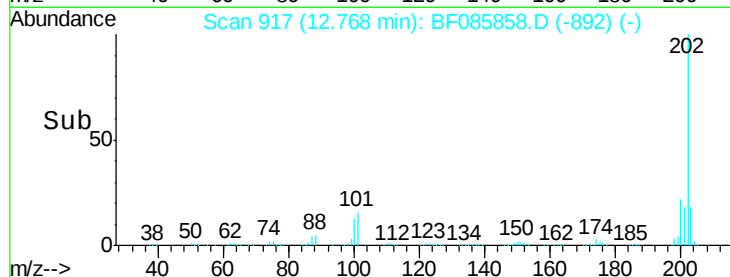
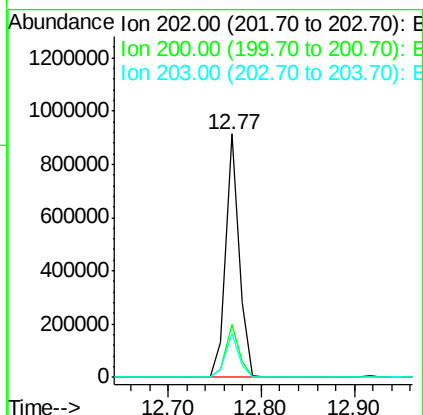
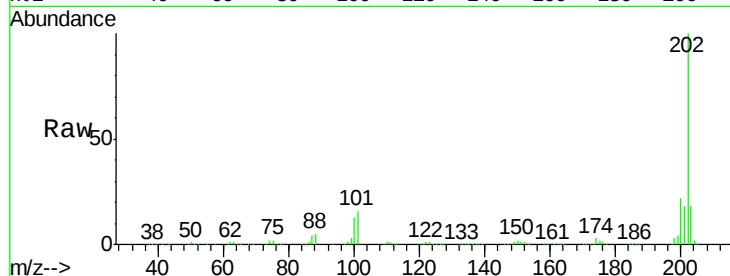
#77
 Pyrene
 Concen: 36.74 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	918556		
200	21.9		17.6	26.4
203	18.1		14.0	21.0

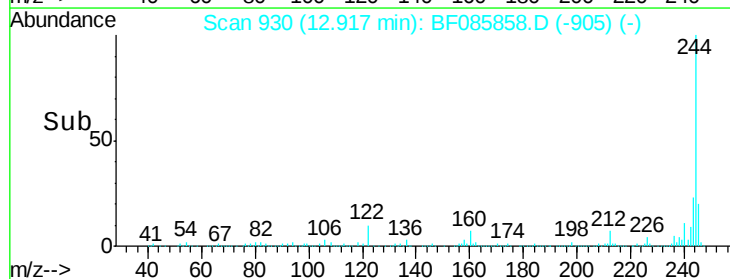
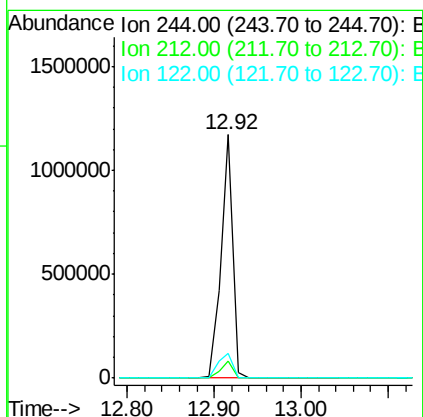
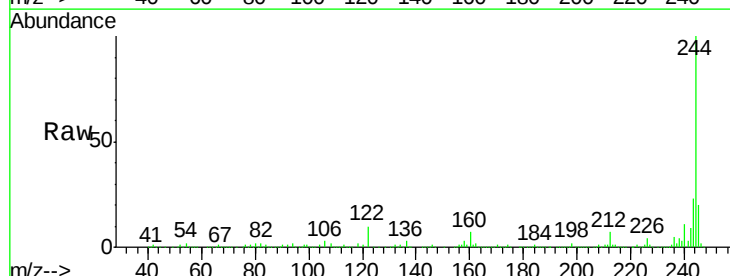
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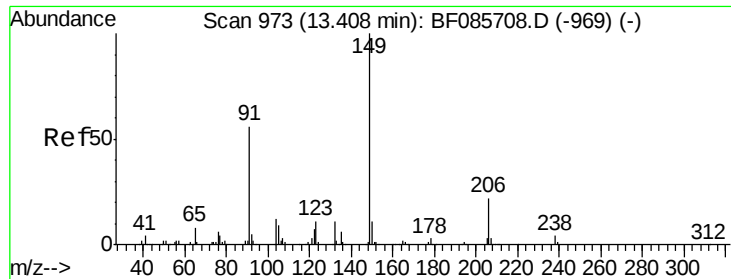
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#78
 Terphenyl-d14
 Concen: 75.85 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1121741		
212	7.1		6.1	9.1
122	10.4		10.2	15.4





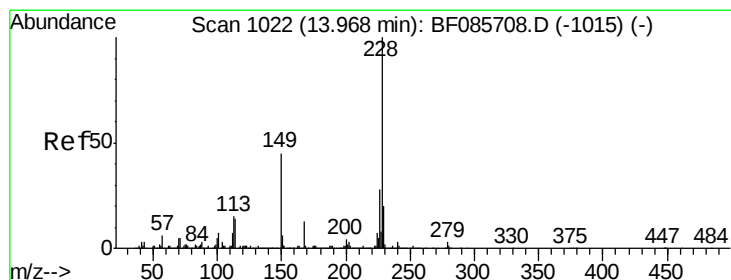
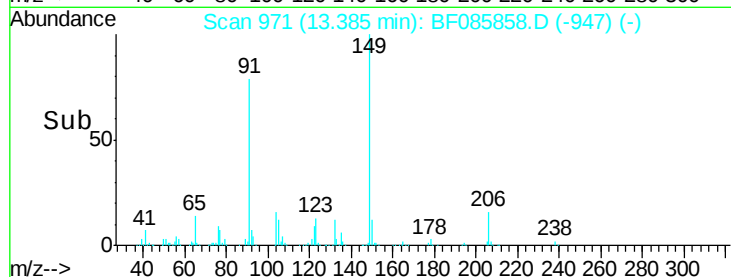
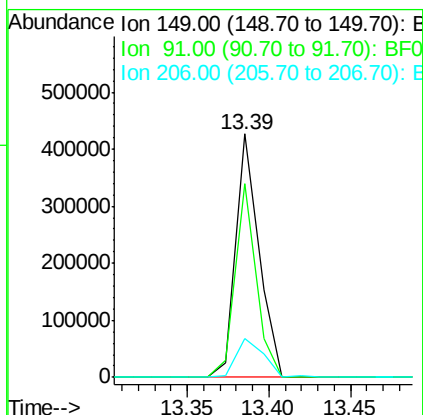
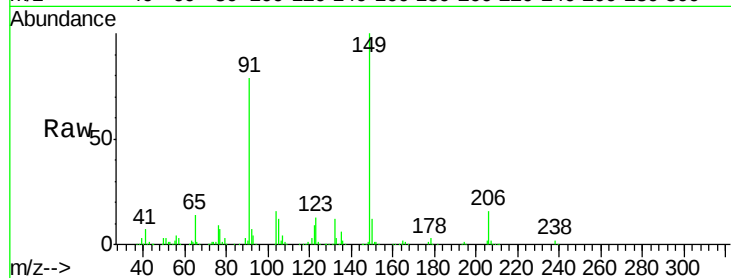
#79
Butylbenzylphthalate
Concen: 39.77 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampled :
TP-7MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		416429		
91	79.4	45.8	68.8#		
206	15.9	17.8	26.8#		

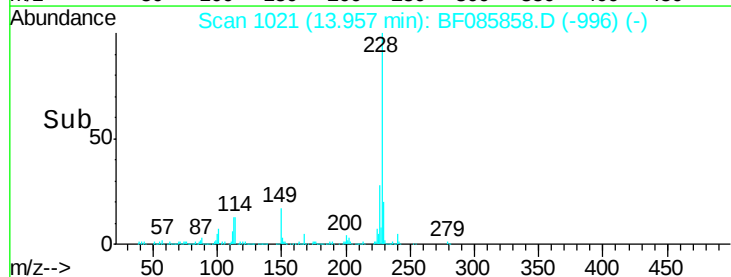
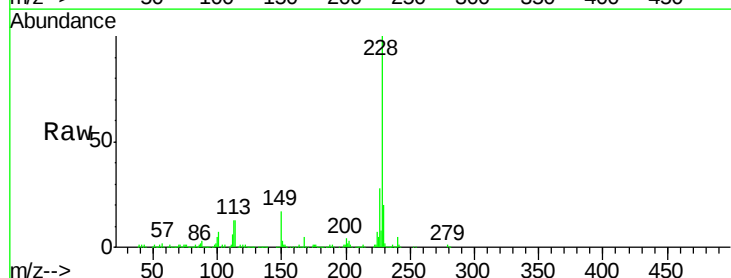
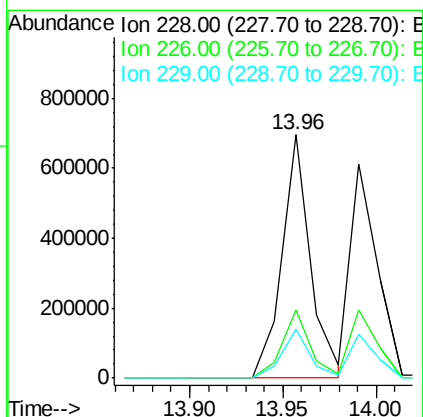
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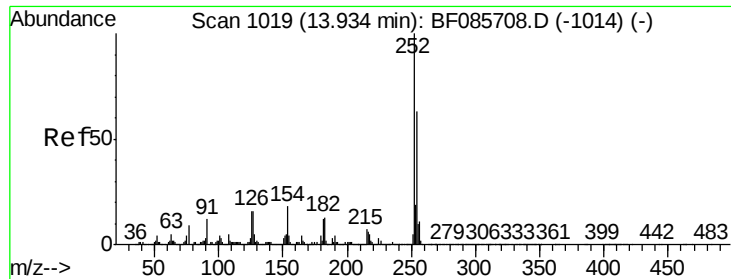
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#80
Benzo(a)anthracene
Concen: 42.61 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		739049		
226	28.2	22.1	33.1		
229	20.1	16.2	24.4		





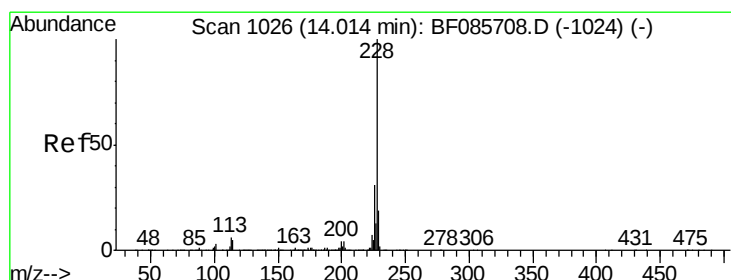
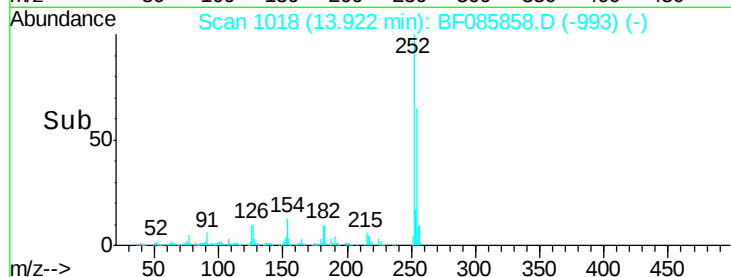
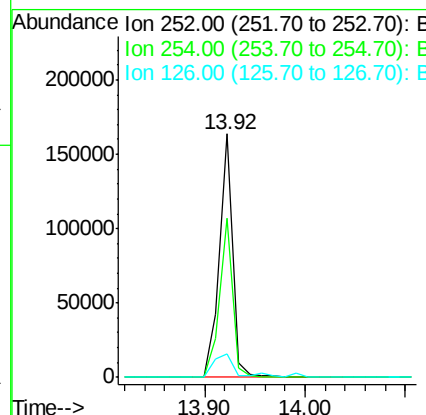
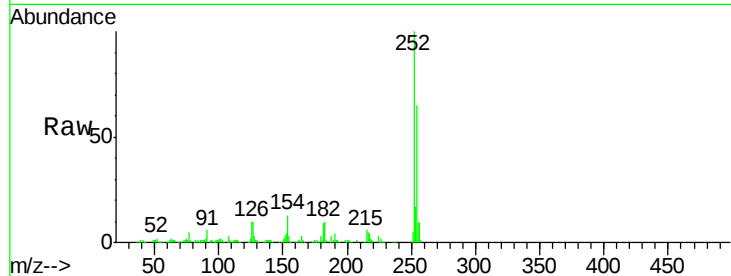
#81
 3,3'-Dichlorobenzidine
 Concen: 12.62 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	151837		
254	65.2	50.7	76.1	
126	9.5	11.8	17.6	

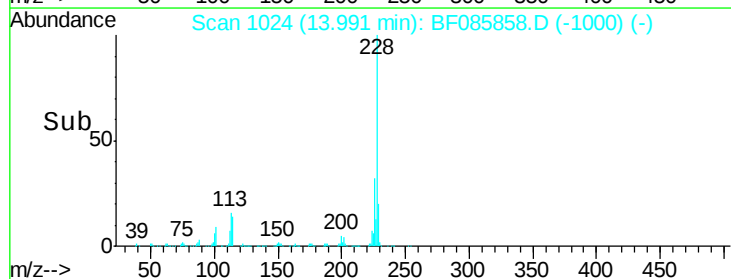
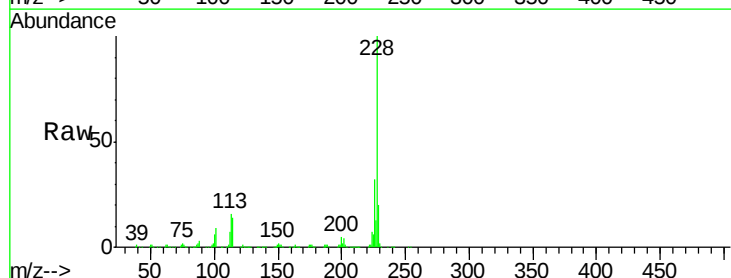
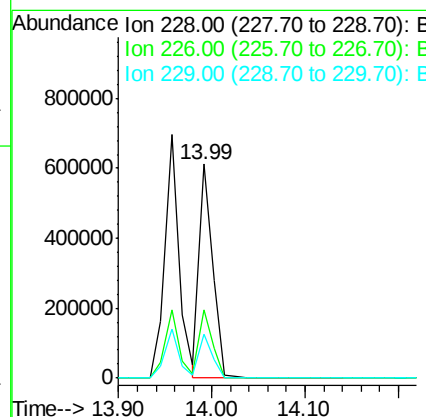
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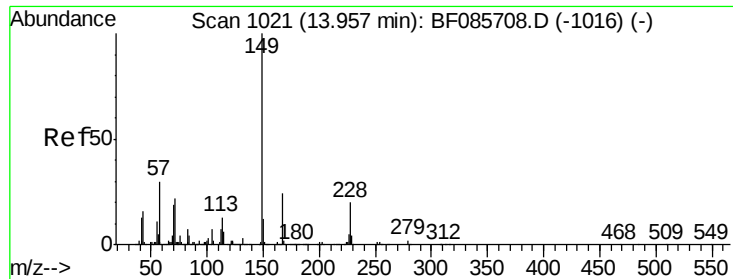
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#82
 Chrysene
 Concen: 35.85 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	626262		
226	31.9	25.0	37.6	
229	20.4	15.7	23.5	





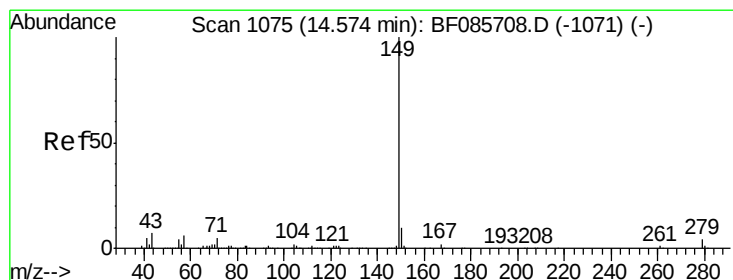
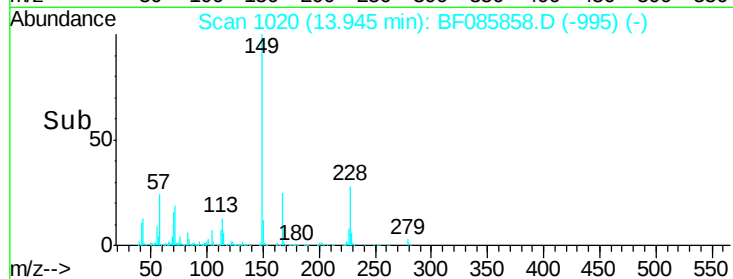
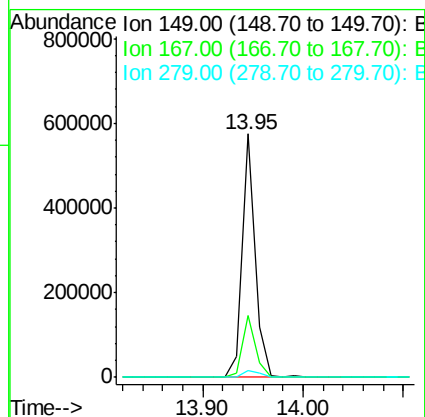
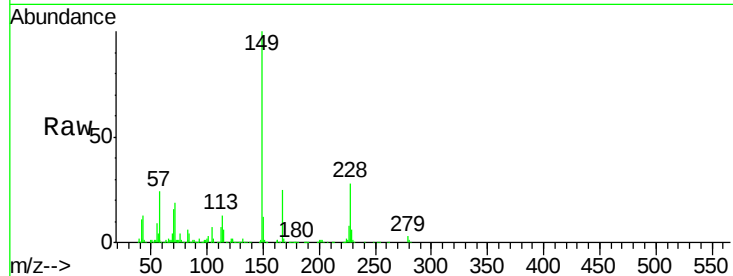
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.16 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	516007		
167	25.2	19.4	29.2	
279	2.7	1.5	2.3#	

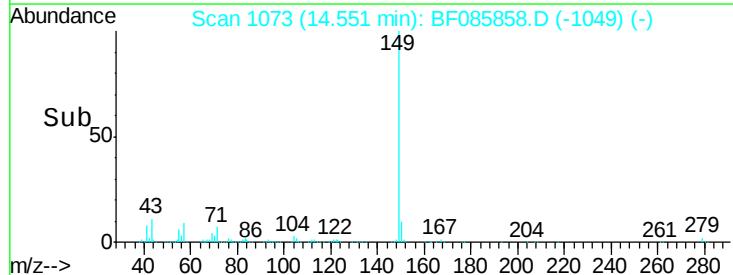
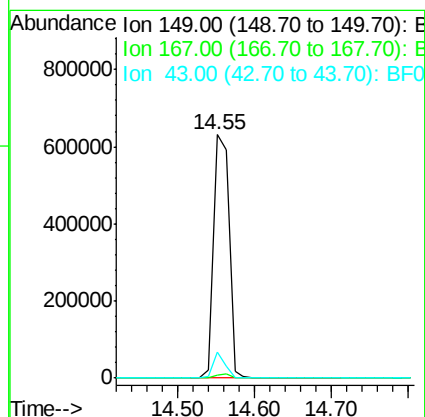
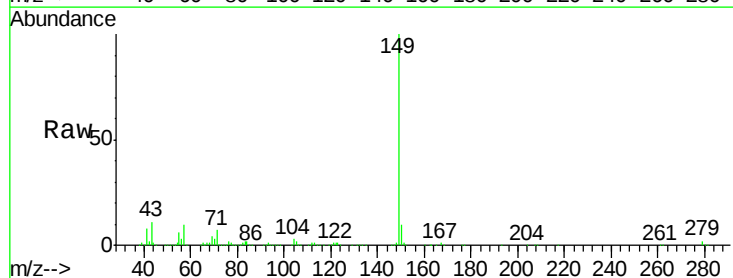
Manual Integrations
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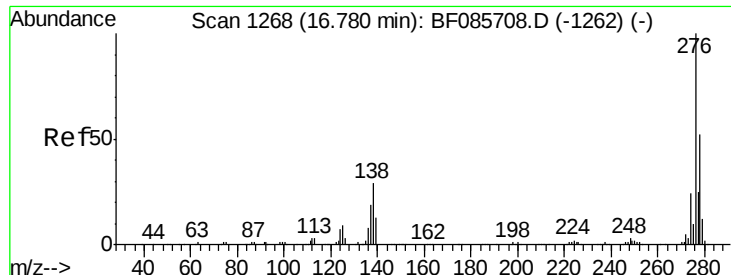
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 3/30/2016 7:06:29 PM



#84
 Di-n-octyl phthalate
 Concen: 46.71 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	870775		
167	1.5	1.2	1.8	
43	8.2	7.1	10.7	





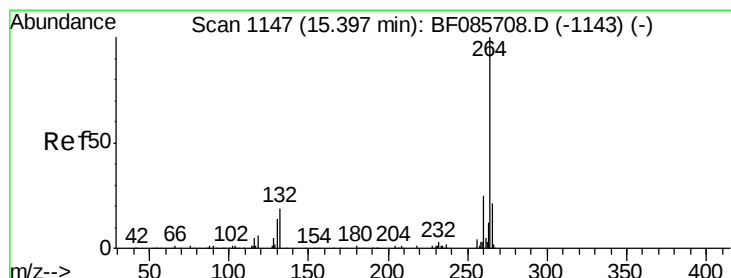
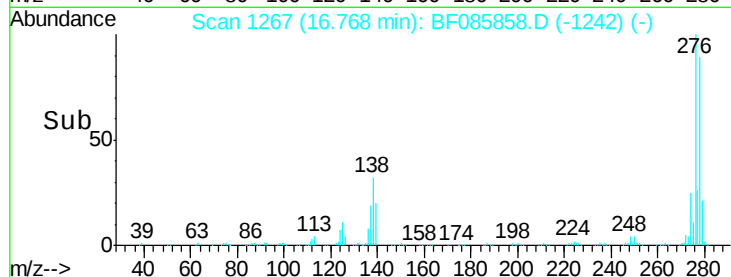
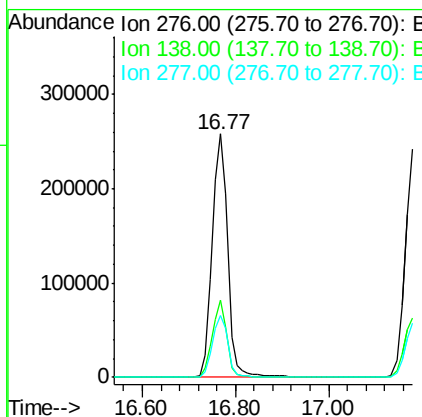
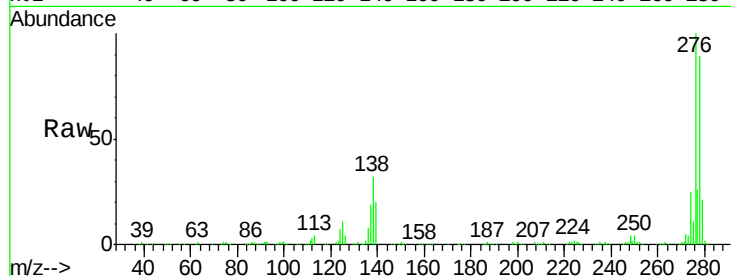
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.76 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.3	20.0	30.0

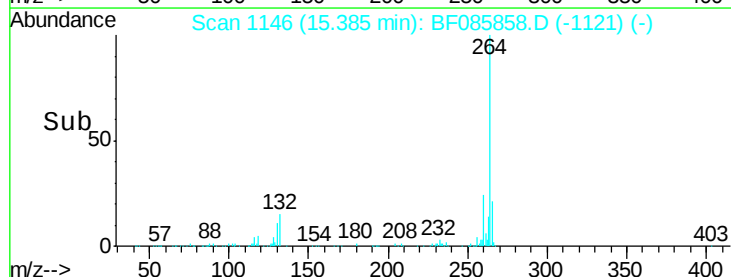
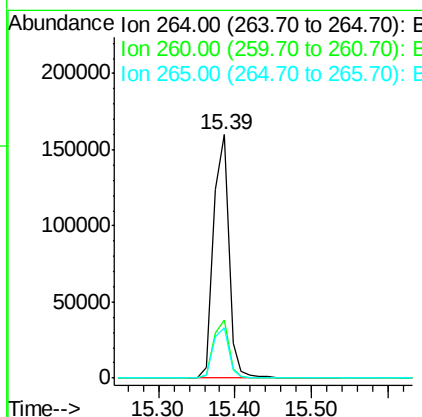
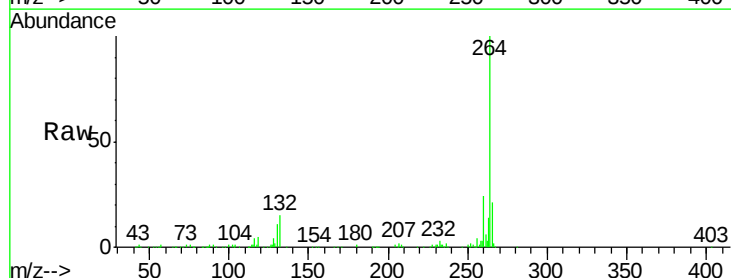
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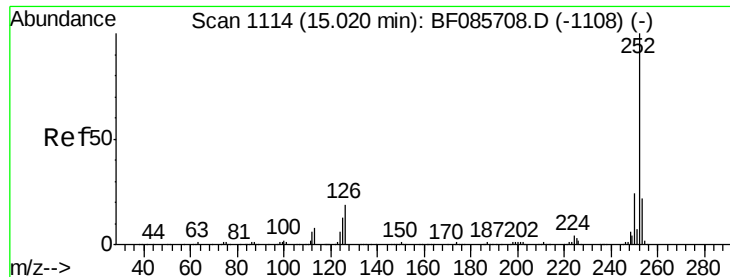
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.57 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

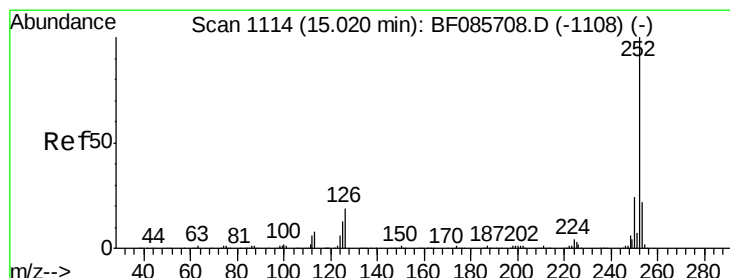
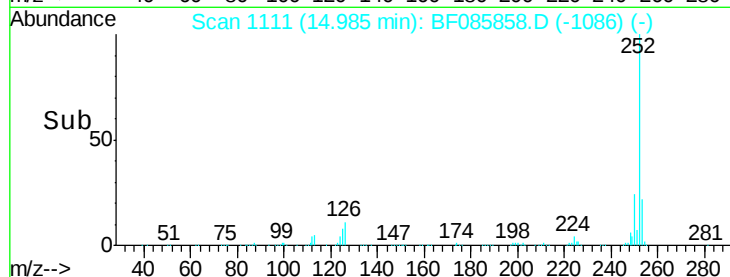
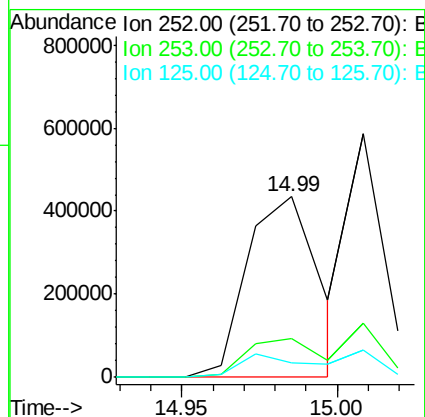
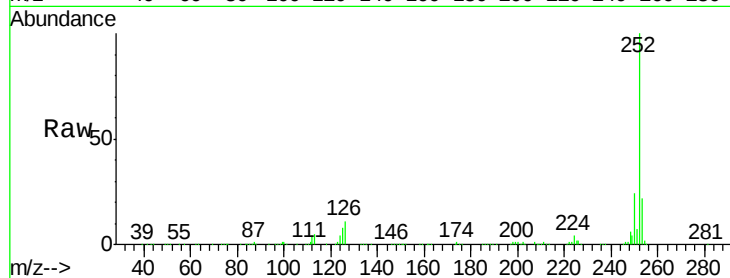
ClientSampleId :

TP-7MSD

Tgt Ion:	252	Resp:	694802
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.6	26.4
125	7.7	10.3	15.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.85 ng m

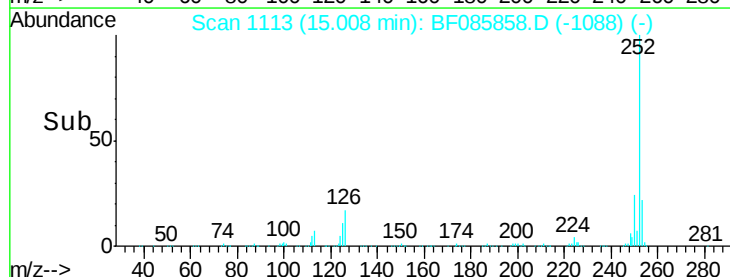
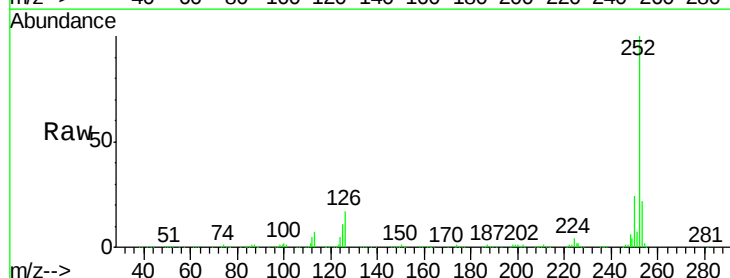
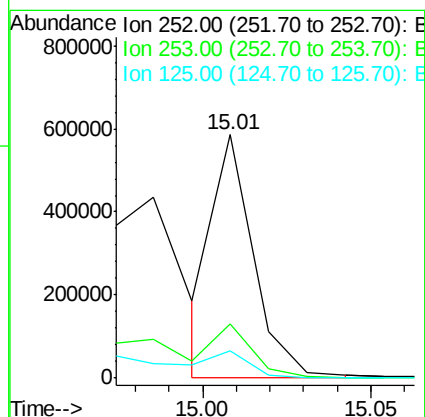
RT: 15.01 min Scan# 1113

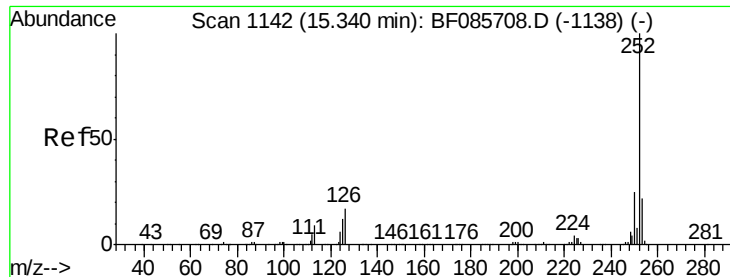
Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	252	Resp:	490892
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.0	7.7	11.5





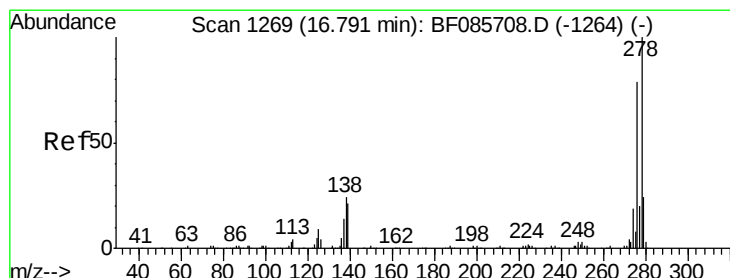
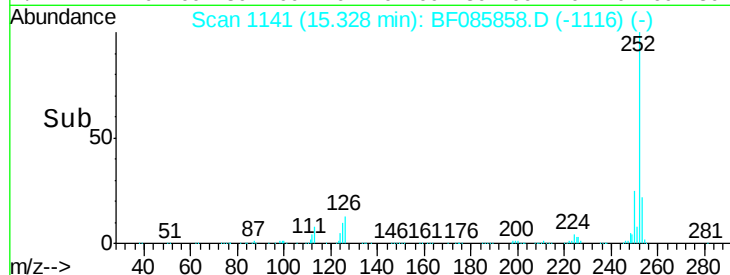
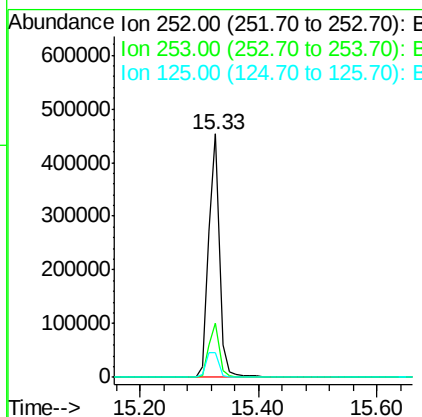
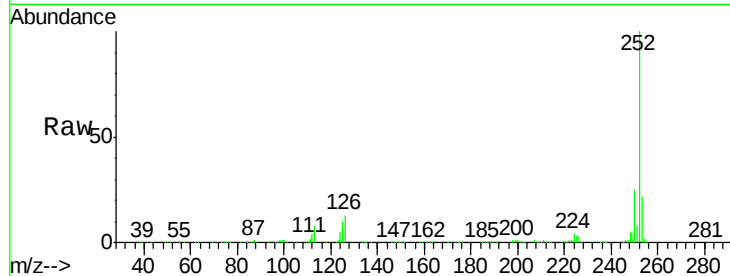
#89
Benzo(a)pyrene
Concen: 45.83 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.2	10.3	15.5#

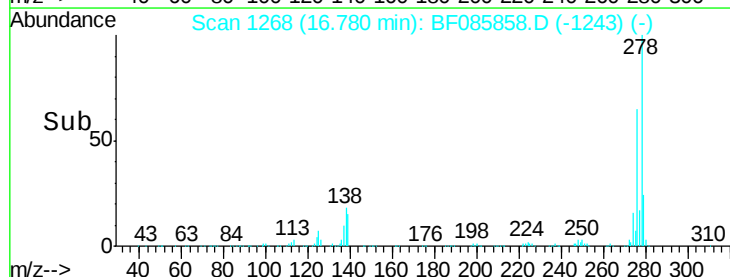
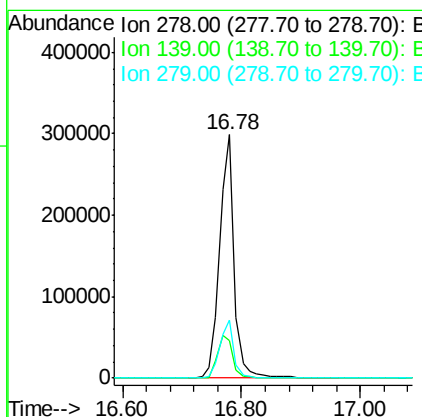
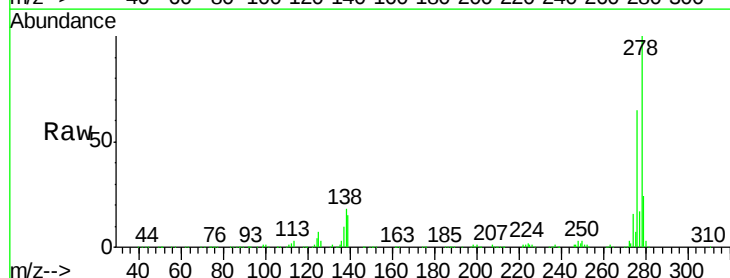
Manual Integrations
APPROVED

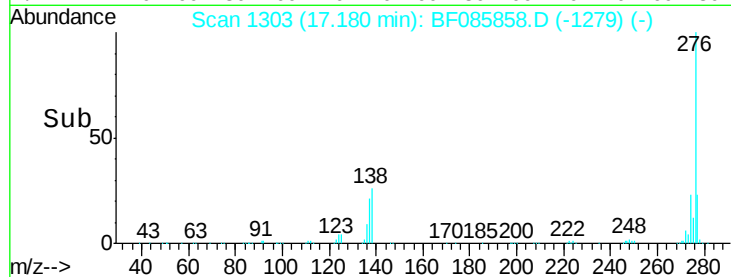
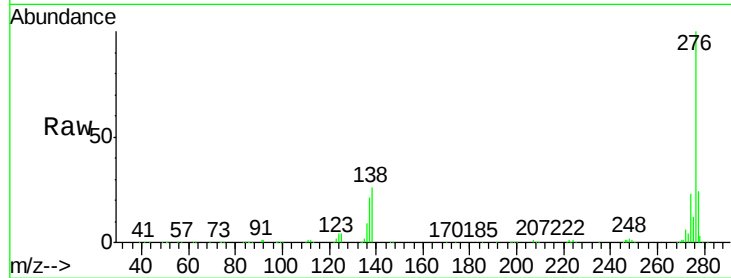
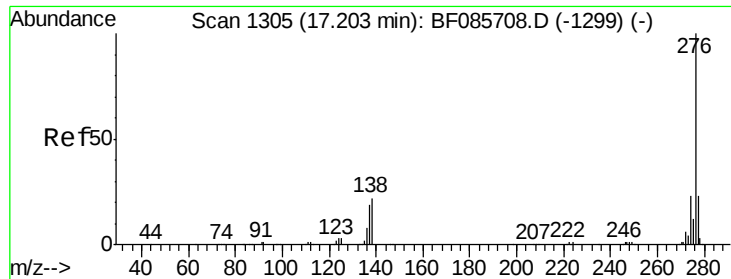
Sohil
3/30/2016 7:06:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.07 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.4	21.6
279	23.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 43.29 ng

RT: 17.18 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:	276	Resp:	506823
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	26.0	22.6	34.0

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Manual Integrations
APPROVED

Sohil
3/30/2016 7:06:29 PM

