

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085388.D
 Acq On : 11 Mar 2016 22:52
 Operator : UM/SJ
 Sample : H1758-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:45:38 AM

Quant Time: Mar 14 03:48:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	147771	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	569482	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	255522	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	409857	20.00	ng	-0.05
75) Chrysene-d12	14.12	240	192396	20.00	ng	-0.03
86) Perylene-d12	15.58	264	210682	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1334509	151.48	ng	-0.03
7) Phenol-d6	6.57	99	1544502	133.82	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1119414	105.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	404132	184.84	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1559981	92.85	ng	-0.05
78) Terphenyl-d14	13.05	244	1080953	130.43	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	193306	42.91	ng	96
3) Pyridine	3.41	79	538586	47.77	ng	99
4) n-Nitrosodimethylamine	3.36	42	253819	52.60	ng	95
6) Aniline	6.61	93	665803	41.16	ng	95
8) 2-Chlorophenol	6.72	128	471389	44.45	ng	95
9) Benzaldehyde	6.48	77	133422	21.47	ng	97
10) Phenol	6.58	94	576152m	46.61	ng	
11) bis(2-Chloroethyl)ether	6.68	93	469565	45.73	ng	98
12) 1,3-Dichlorobenzene	6.88	146	541119	47.52	ng	98
13) 1,4-Dichlorobenzene	6.95	146	509523	44.65	ng	98
14) 1,2-Dichlorobenzene	7.11	146	499142	48.21	ng	99
15) Benzyl Alcohol	7.08	79	449753	53.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	626233	42.31	ng	99
17) 2-Methylphenol	7.19	107	417383	48.23	ng	97
18) Hexachloroethane	7.45	117	191922	45.59	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	375734	49.95	ng	97
20) 3+4-Methylphenols	7.35	107	516087	50.35	ng	# 84
22) Acetophenone	7.35	105	608920	43.81	ng	# 93
24) Nitrobenzene	7.52	77	478362	44.25	ng	98
25) Isophorone	7.76	82	985976	49.99	ng	100
26) 2-Nitrophenol	7.84	139	293220	55.74	ng	# 84
27) 2,4-Dimethylphenol	7.88	122	437454	45.50	ng	94
28) bis(2-Chloroethoxy)methane	7.98	93	638462	58.13	ng	98
29) 2,4-Dichlorophenol	8.08	162	425611	54.89	ng	91
30) 1,2,4-Trichlorobenzene	8.16	180	430182	51.31	ng	98
31) Naphthalene	8.25	128	1453249	51.90	ng	98
32) Benzoic acid	7.94	122	40973	6.42	ng	98
33) 4-Chloroaniline	8.30	127	398716	35.20	ng	# 88
34) Hexachlorobutadiene	8.37	225	237064	54.35	ng	98
35) Caprolactam	8.68	113	144023m	56.87	ng	
36) 4-Chloro-3-methylphenol	8.78	107	438272	49.82	ng	100
37) 2-Methylnaphthalene	8.94	142	857553	47.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	402239	55.04	ng	98
40) Hexachlorocyclopentadiene	9.10	237	254788	64.64	ng	99

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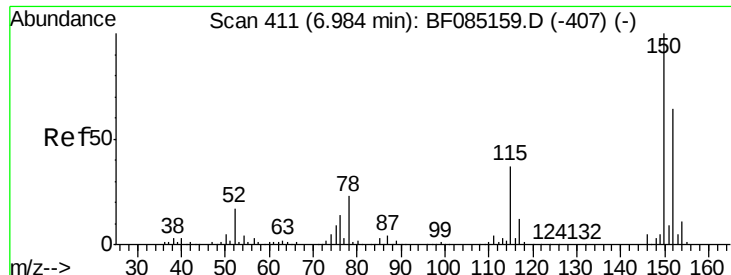
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	294673	54.17	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	298190	57.81	ng	97
45) 1,1'-Biphenyl	9.41	154	1153261	52.83	ng	96
46) 2-Chloronaphthalene	9.43	162	852836	51.25	ng	94
47) 2-Nitroaniline	9.52	65	263952	51.19	ng	93
48) Acenaphthylene	9.84	152	1339911	51.74	ng	99
49) Dimethylphthalate	9.70	163	1145570	58.41	ng	98
50) 2,6-Dinitrotoluene	9.77	165	244033	58.16	ng	# 69
51) Acenaphthene	10.01	154	833573	53.01	ng	99
52) 3-Nitroaniline	9.93	138	194871	38.82	ng	83
53) 2,4-Dinitrophenol	10.04	184	52210	30.09	ng	# 62
54) Dibenzofuran	10.18	168	1168970	56.74	ng	98
55) 4-Nitrophenol	10.09	139	380704	96.51	ng	# 73
56) 2,4-Dinitrotoluene	10.17	165	311073	57.93	ng	94
57) Fluorene	10.54	166	852075	52.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	227910	62.90	ng	94
59) Diethylphthalate	10.40	149	976453	51.31	ng	95
60) 4-Chlorophenyl-phenylether	10.53	204	435827	55.35	ng	# 84
61) 4-Nitroaniline	10.55	138	217408	46.31	ng	98
62) Azobenzene	10.69	77	1083229	57.77	ng	90
64) 4,6-Dinitro-2-methylphenol	10.58	198	76974	31.37	ng	80
65) n-Nitrosodiphenylamine	10.64	169	724958	56.87	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	248016	62.32	ng	# 82
67) Hexachlorobenzene	11.09	284	238860	56.26	ng	# 83
68) Atrazine	11.17	200	220470	62.19	ng	99
69) Pentachlorophenol	11.27	266	238156	101.06	ng	100
70) Phenanthrene	11.50	178	1248676	58.13	ng	98
71) Anthracene	11.54	178	1119364	49.09	ng	99
72) Carbazole	11.69	167	1060416	53.04	ng	98
73) Di-n-butylphthalate	12.02	149	1326312	52.48	ng	100
74) Fluoranthene	12.68	202	994699	46.15	ng	95
76) Benzidine	12.80	184	740390	129.30	ng	99
77) Pyrene	12.92	202	1030706	71.18	ng	98
79) Butylbenzylphthalate	13.52	149	345111	52.52	ng	98
80) Benzo(a)anthracene	14.11	228	625655	54.32	ng	98
81) 3,3'-Dichlorobenzidine	14.06	252	182190	50.14	ng	98
82) Chrysene	14.14	228	616491	57.94	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	459446	53.14	ng	98
84) Di-n-octyl phthalate	14.70	149	792336	60.17	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	646913	77.91	ng	96
87) Benzo(b)fluoranthene	15.15	252	749070m	53.34	ng	
88) Benzo(k)fluoranthene	15.18	252	475843m	42.01	ng	
89) Benzo(a)pyrene	15.51	252	623907	53.61	ng	# 96
90) Dibenzo(a,h)anthracene	17.07	278	554619	55.83	ng	# 94
91) Benzo(g,h,i)perylene	17.49	276	513055	51.37	ng	96

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



#1

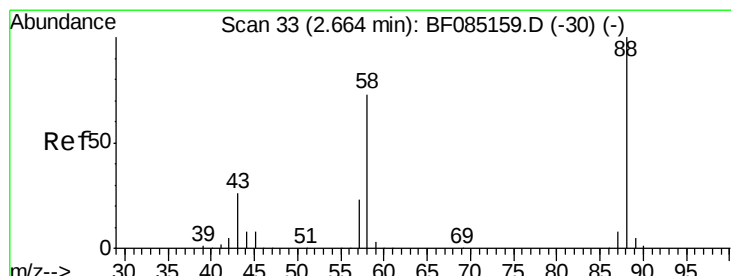
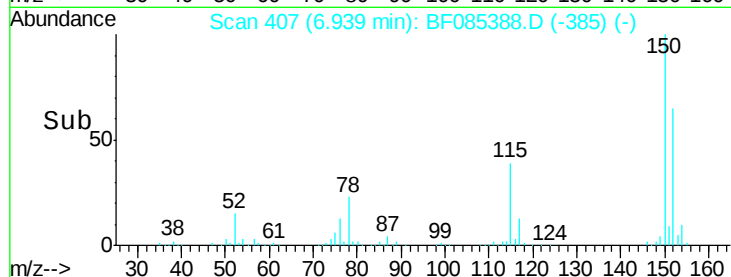
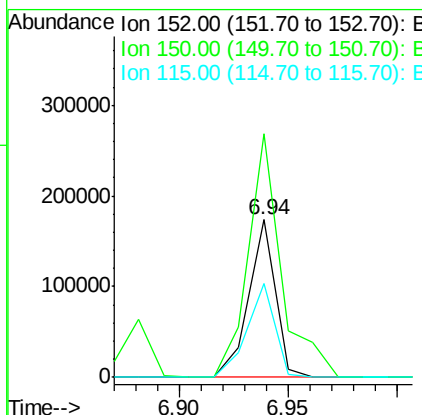
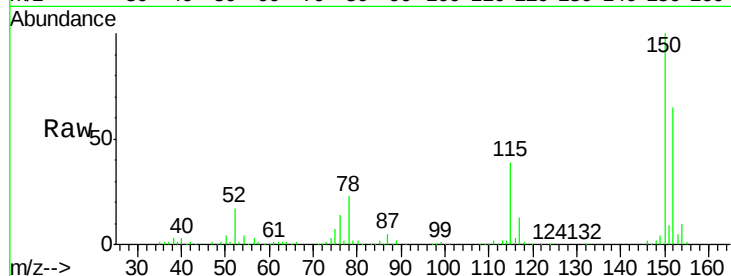
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.8	46.6	70.0

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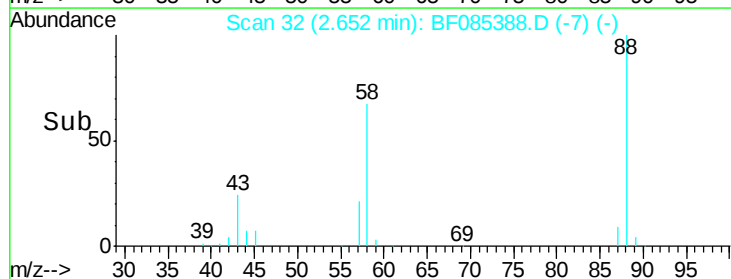
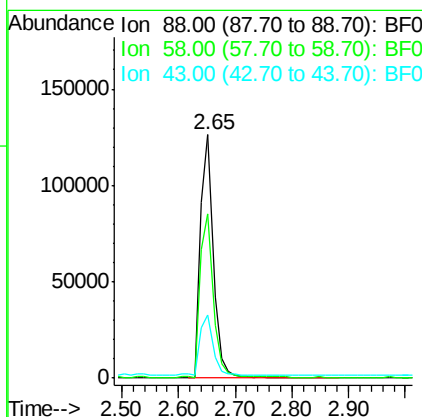
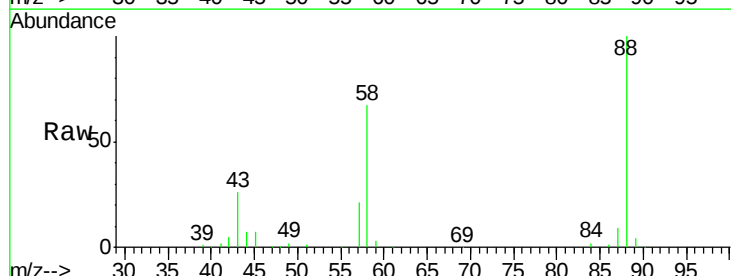
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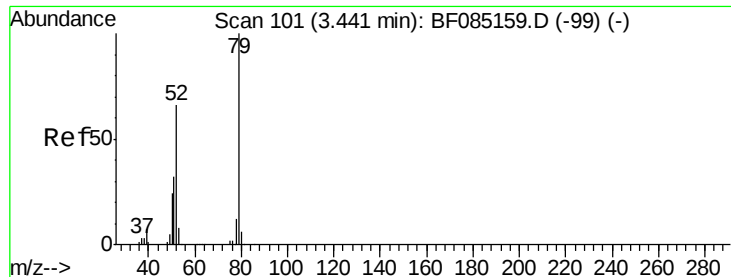


#2

1,4-Dioxane
Concen: 42.91 ng
RT: 2.65 min Scan# 32
Delta R.T. -0.01 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	57.0	85.6
43	24.6	20.5	30.7





#3

Pyridine

Concen: 47.77 ng

RT: 3.41 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

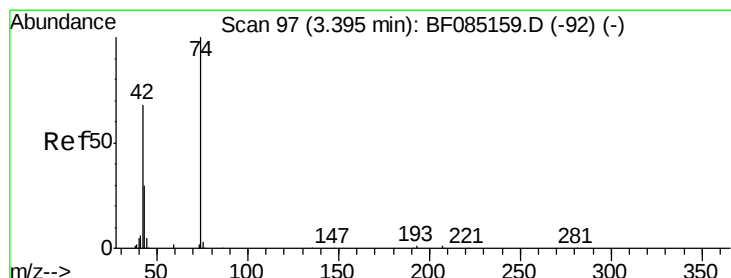
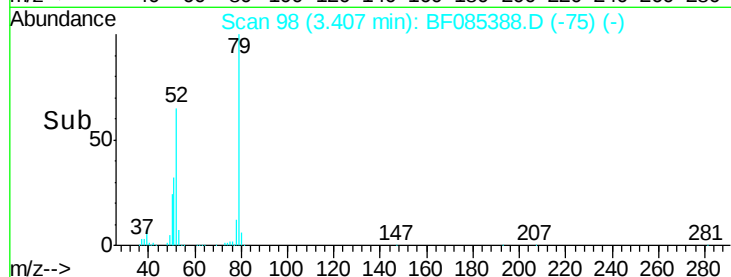
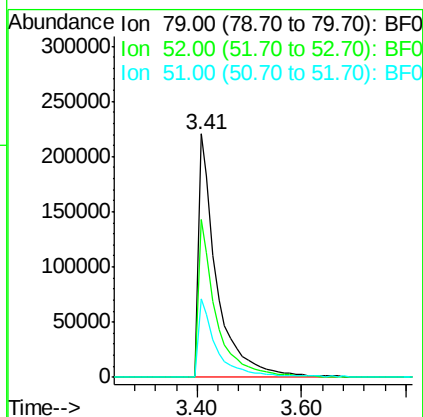
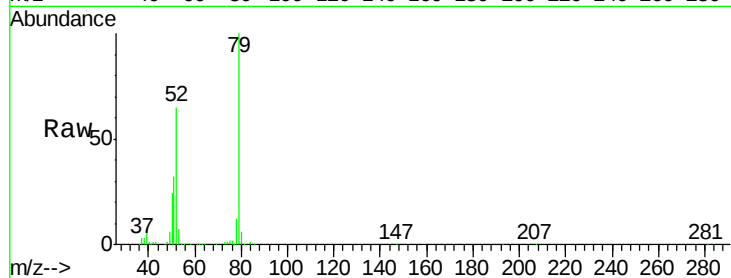
ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:	79	Resp:	538586
Ion Ratio	Lower	Upper	
79	100		
52	64.9	52.6	79.0
51	32.2	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 52.60 ng

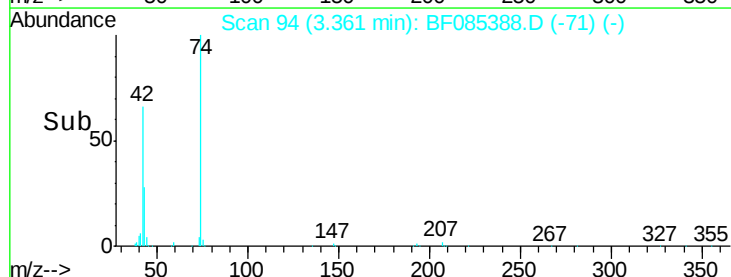
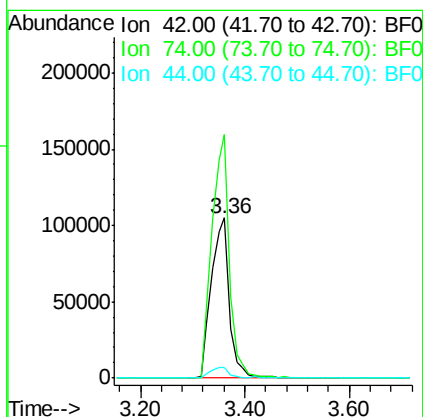
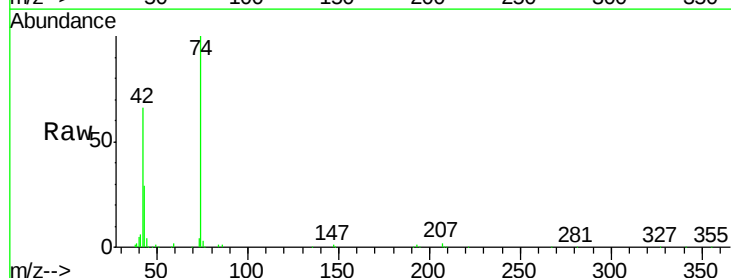
RT: 3.36 min Scan# 94

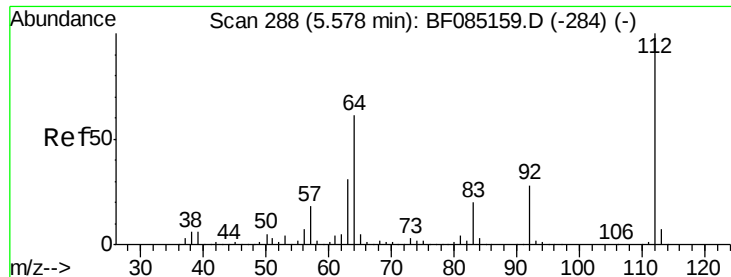
Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:	42	Resp:	253819
Ion Ratio	Lower	Upper	
42	100		
74	152.0	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 151.48 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion: 112 Resp: 1334509

Ion Ratio Lower Upper

112 100

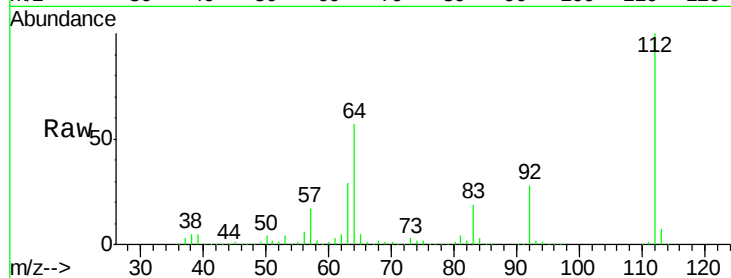
64 56.8 49.0 73.4

63 28.9 24.8 37.2

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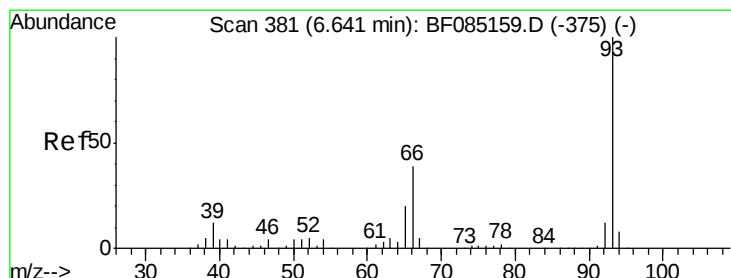
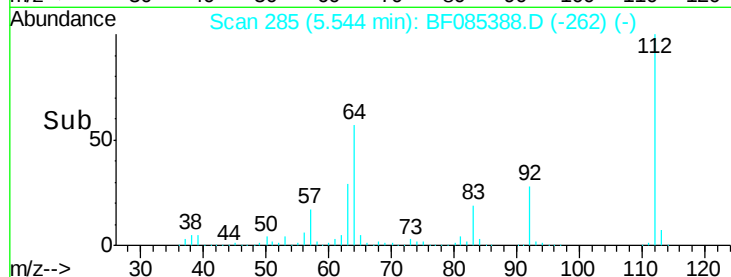
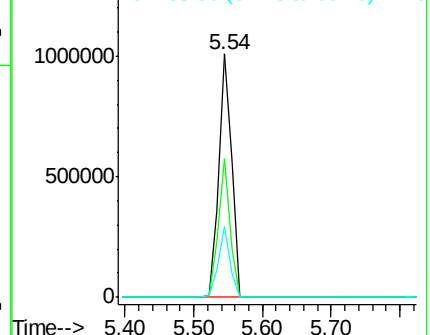
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.16 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

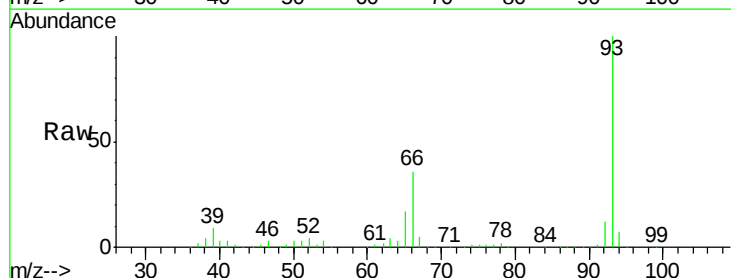
Tgt Ion: 93 Resp: 665803

Ion Ratio Lower Upper

93 100

66 36.1 31.6 47.4

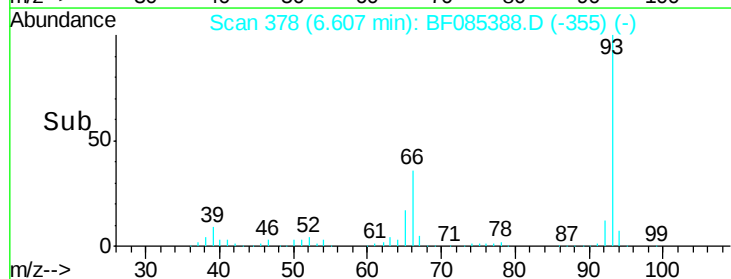
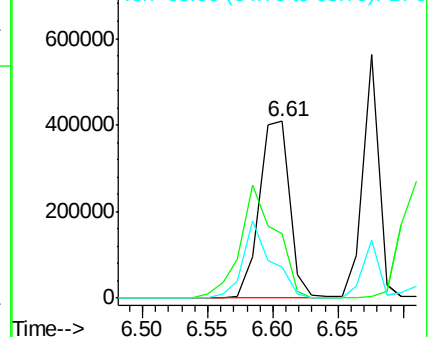
65 17.5 15.8 23.8

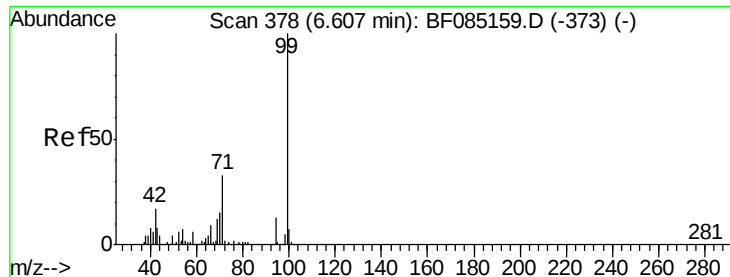


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.82 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion: 99 Resp: 1544502

Ion Ratio Lower Upper

99 100

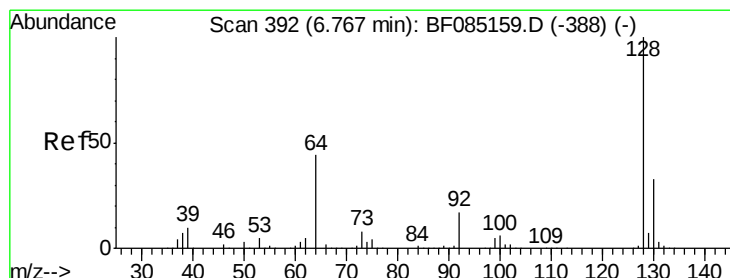
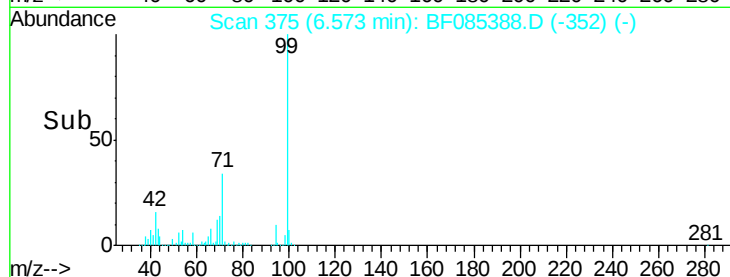
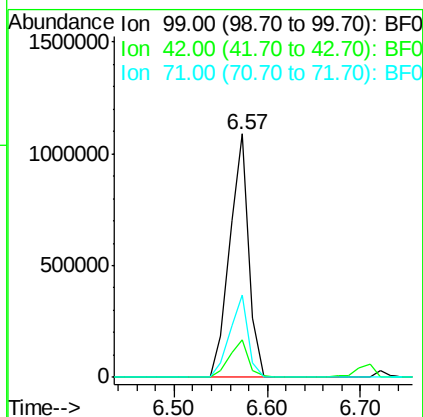
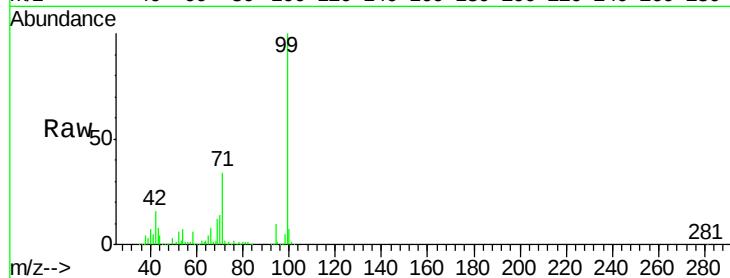
42 15.7 13.6 20.4

71 34.1 26.7 40.1

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#8

2-Chlorophenol

Concen: 44.45 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

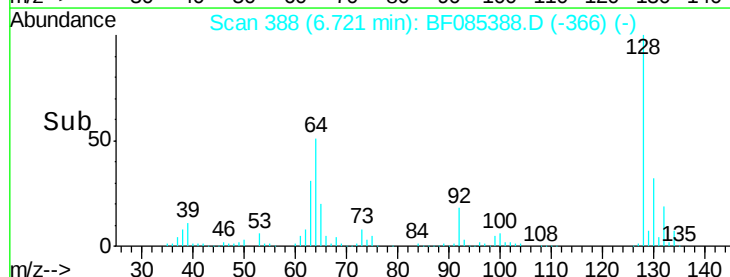
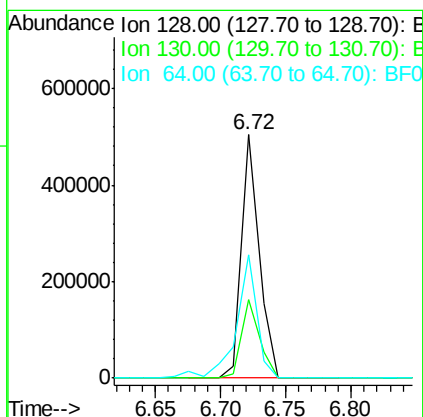
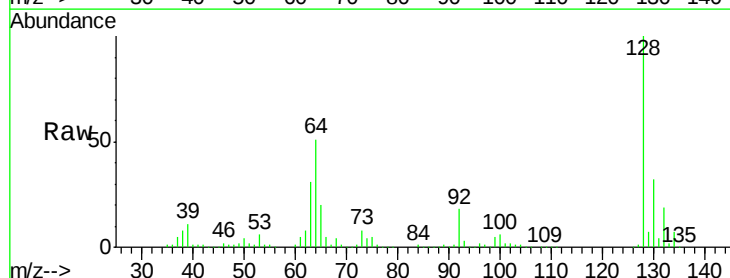
Tgt Ion: 128 Resp: 471389

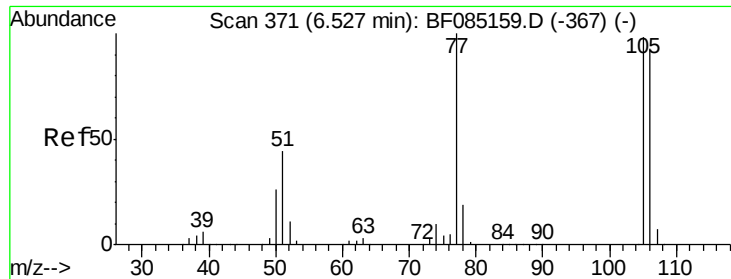
Ion Ratio Lower Upper

128 100

130 32.4 13.3 53.3

64 50.8 25.7 65.7





#9

Benzaldehyde

Concen: 21.47 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085388.D

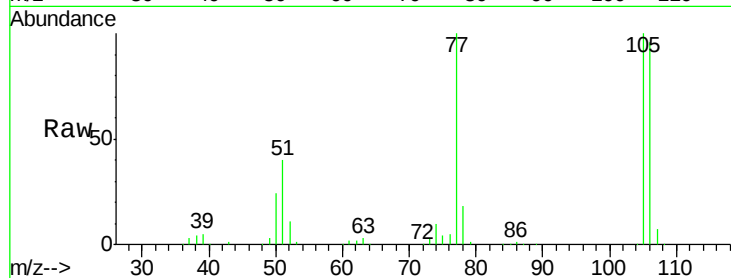
Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

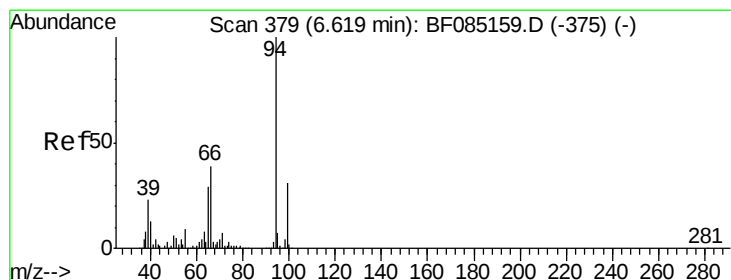
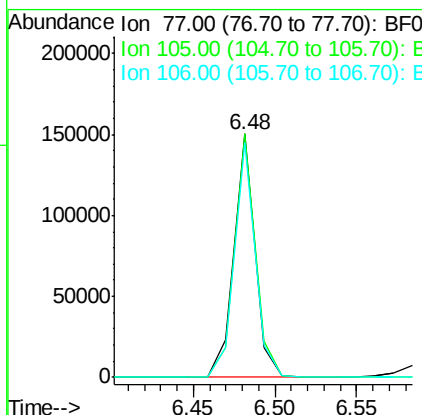
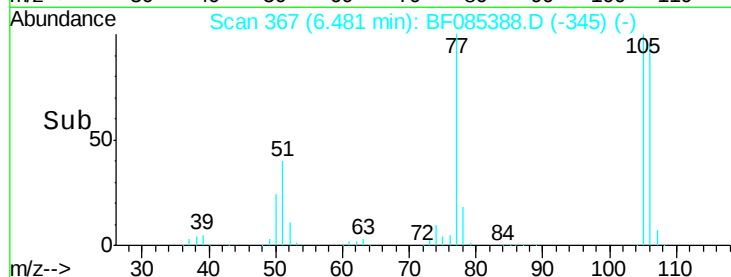
POST-EX-19-20160310MS



Tgt Ion:	77	Resp:	133422
Ion Ratio	Lower	Upper	
77	100		
105	99.9	78.2	118.2
106	96.4	72.9	112.9

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#10

Phenol

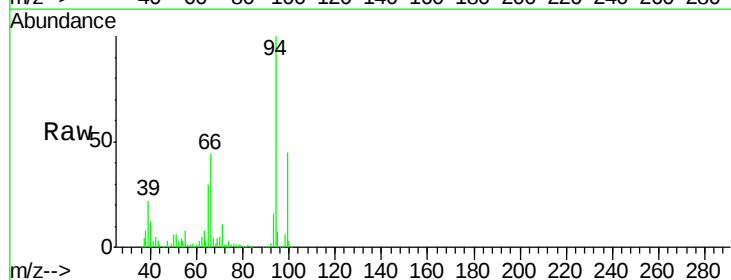
Concen: 46.61 ng m

RT: 6.58 min Scan# 376

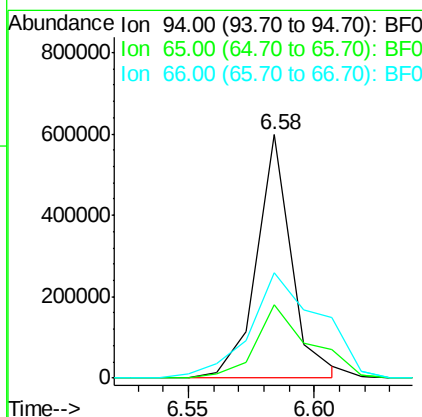
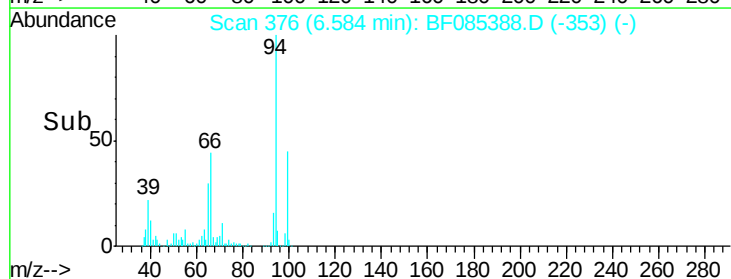
Delta R.T. -0.03 min

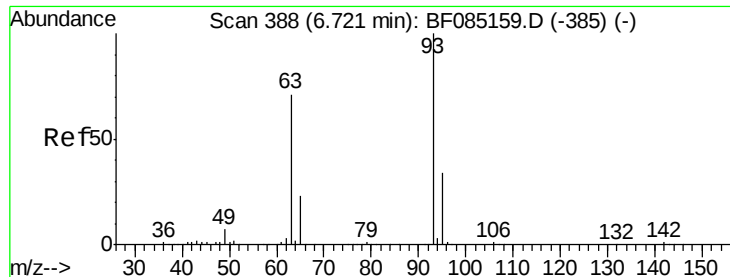
Lab File: BF085388.D

Acq: 11 Mar 2016 22:52



Tgt Ion:	94	Resp:	576152
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.1	49.1
66	43.5	19.3	59.3





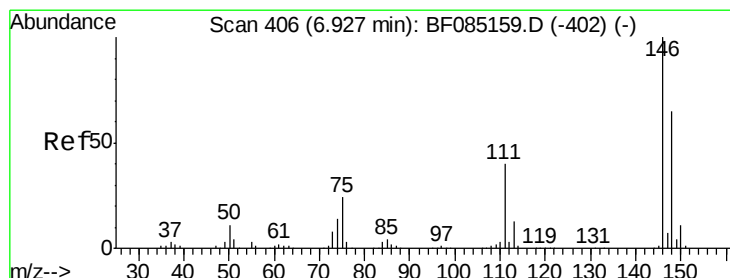
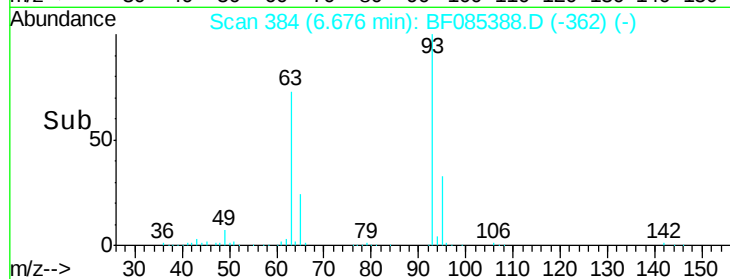
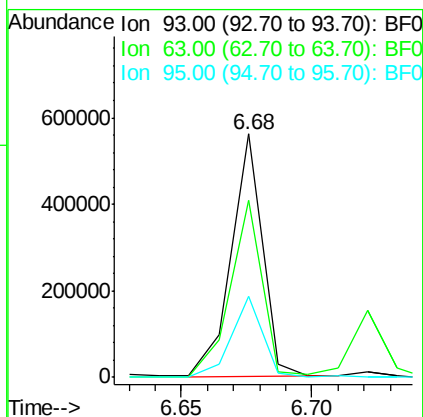
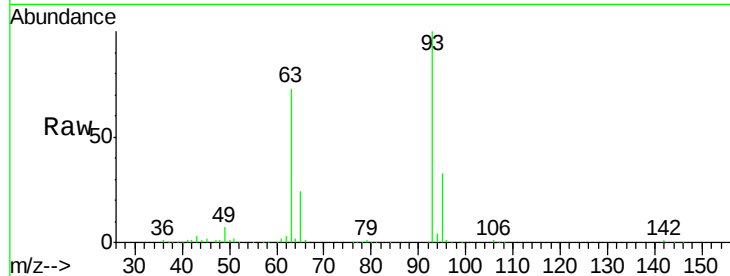
#11
bis(2-Chloroethyl)ether
Concen: 45.73 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:	93	Resp:	469565
Ion Ratio	Lower	Upper	
93	100		
63	72.7	50.9	90.9
95	33.3	13.7	53.7

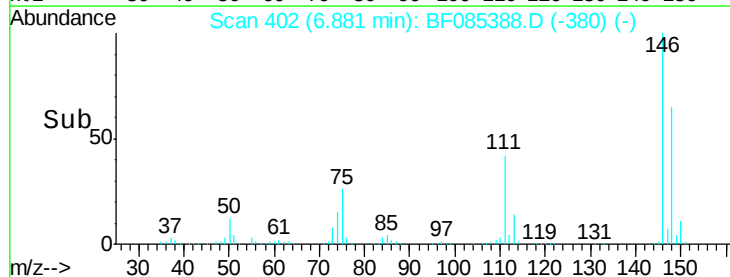
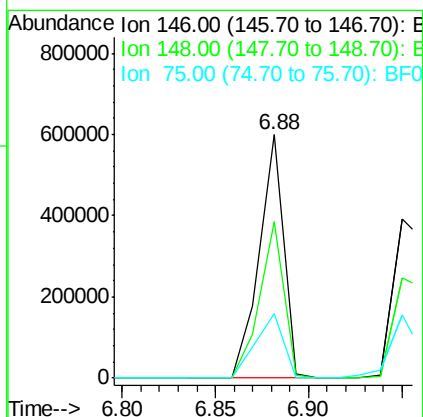
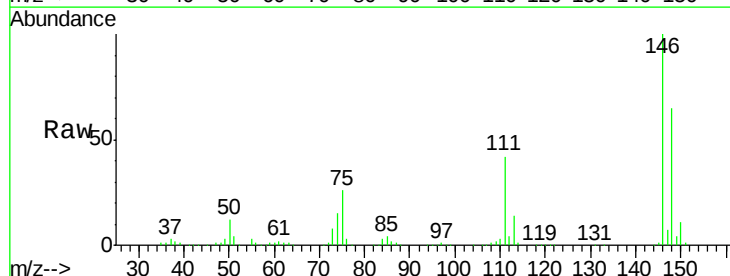
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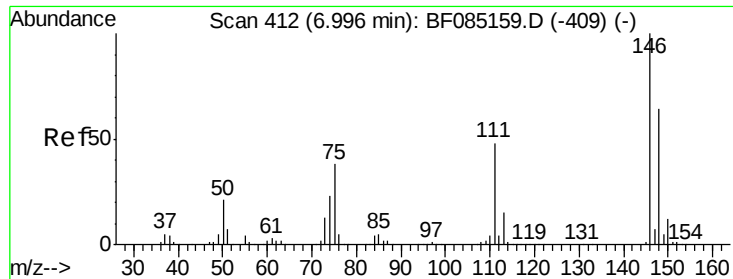
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#12
1,3-Dichlorobenzene
Concen: 47.52 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:	146	Resp:	541119
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.1	78.1
75	26.3	19.5	29.3





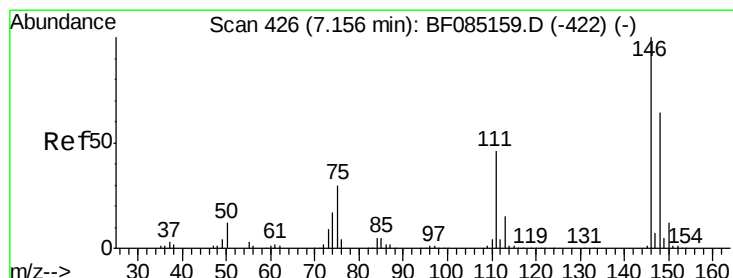
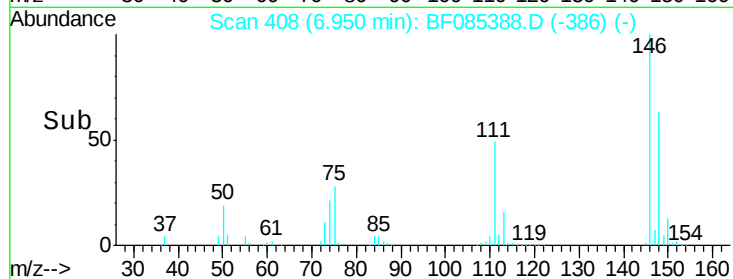
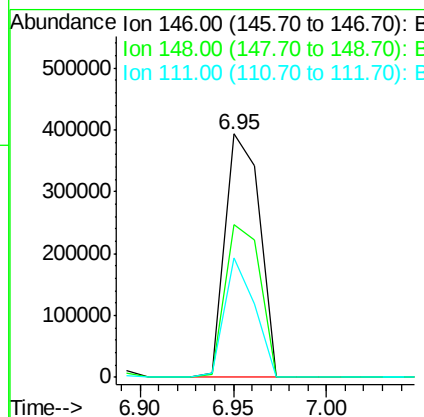
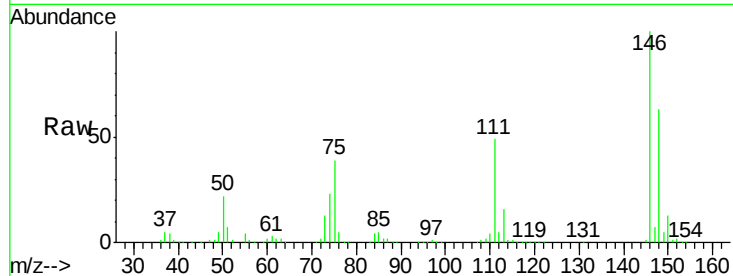
#13
 1,4-Dichlorobenzene
 Concen: 44.65 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	49.2	38.4	57.6

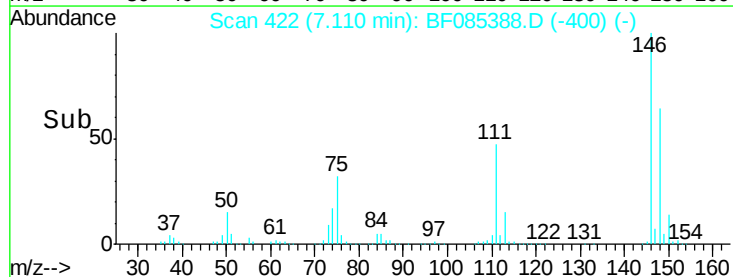
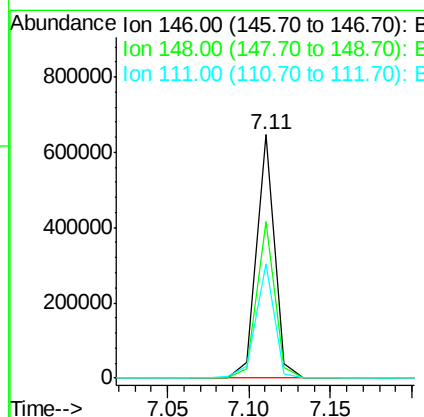
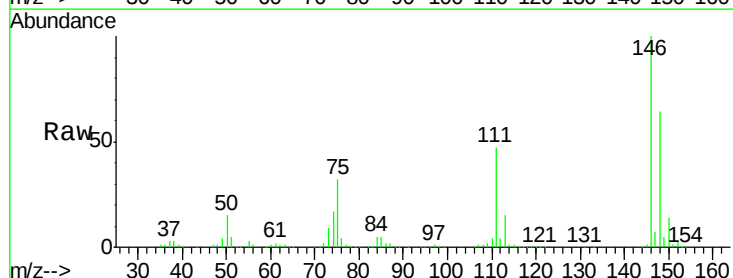
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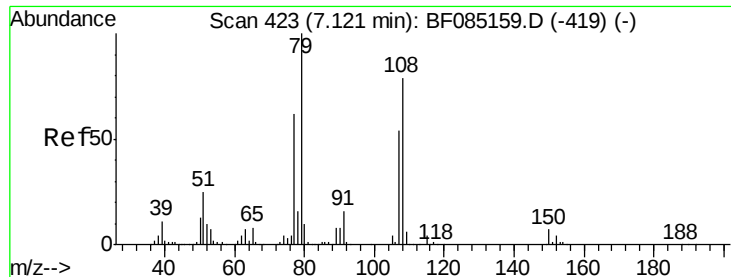
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#14
 1,2-Dichlorobenzene
 Concen: 48.21 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	47.1	36.7	55.1





#15

Benzyl Alcohol

Concen: 53.08 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

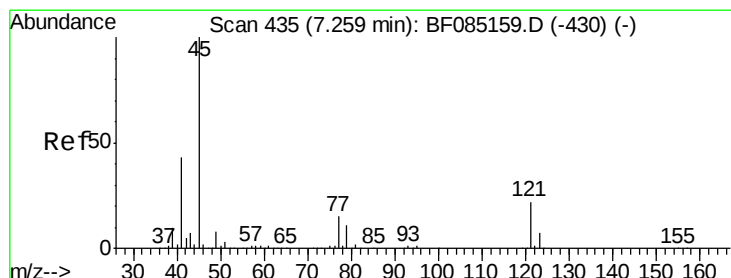
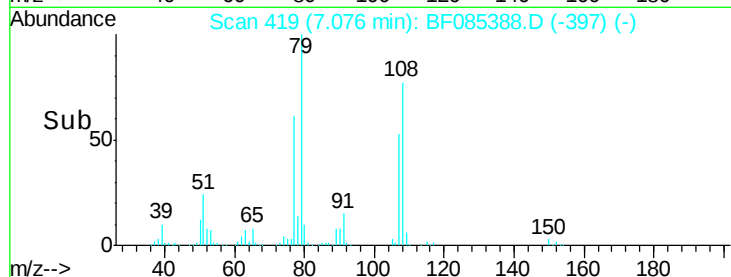
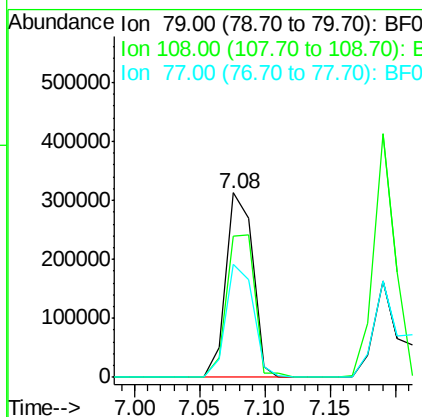
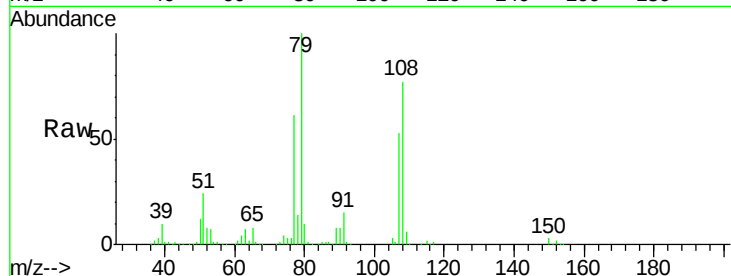
ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:	79	Resp:	449753
Ion Ratio	Lower	Upper	
79	100		
108	76.6	62.9	94.3
77	61.4	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.31 ng

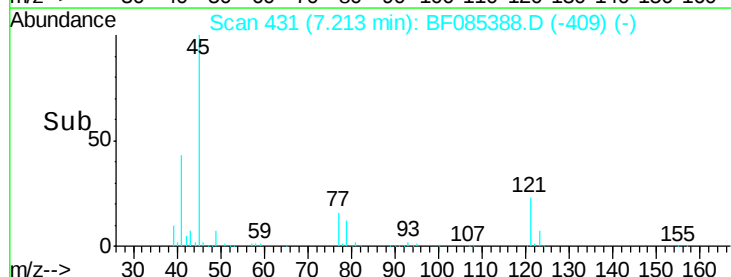
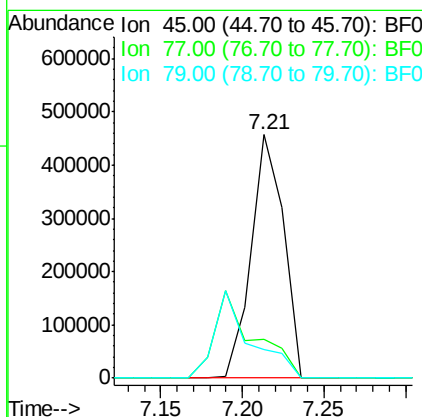
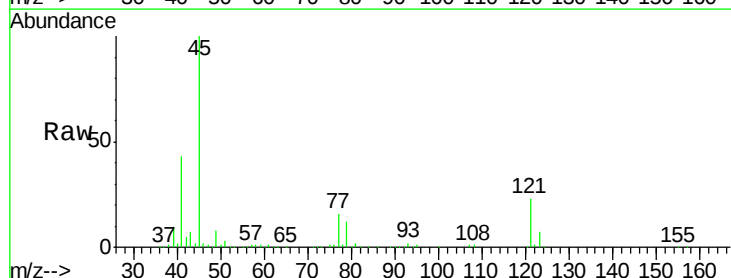
RT: 7.21 min Scan# 431

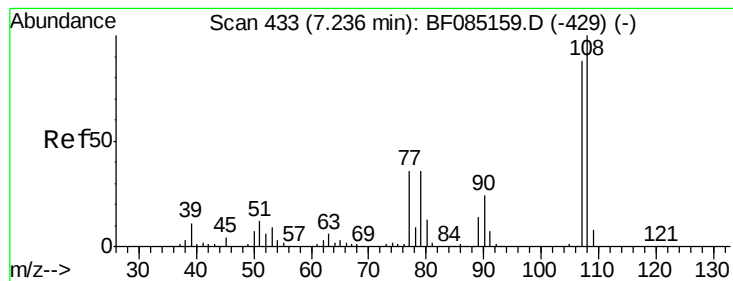
Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:	45	Resp:	626233
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.1
79	11.8	0.0	31.3





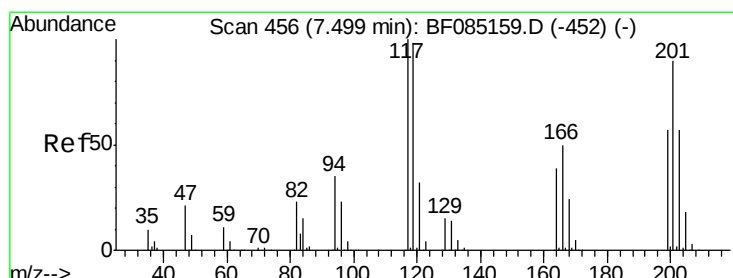
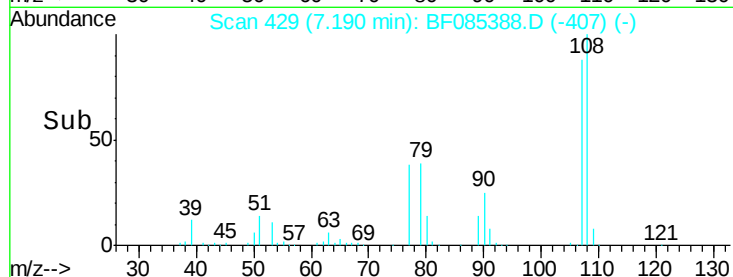
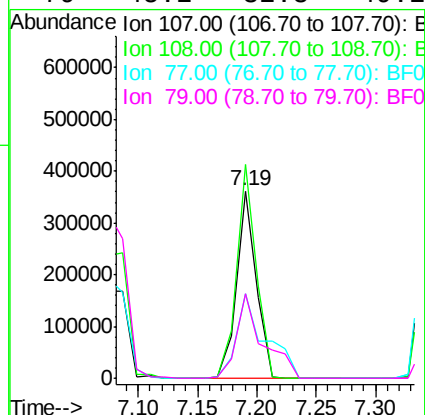
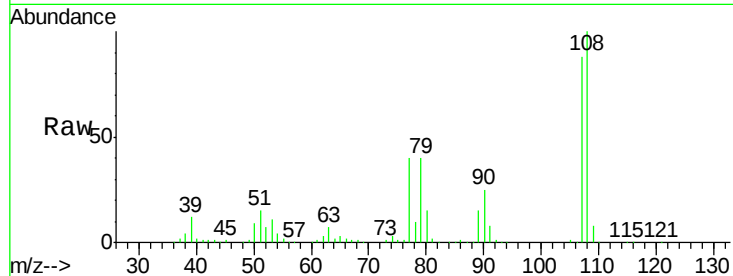
#17
2-Methylphenol
Concen: 48.23 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:	107	Resp:	417383
Ion Ratio	Lower	Upper	
107	100		
108	114.1	90.9	136.3
77	45.3	32.6	48.8
79	45.2	32.8	49.2

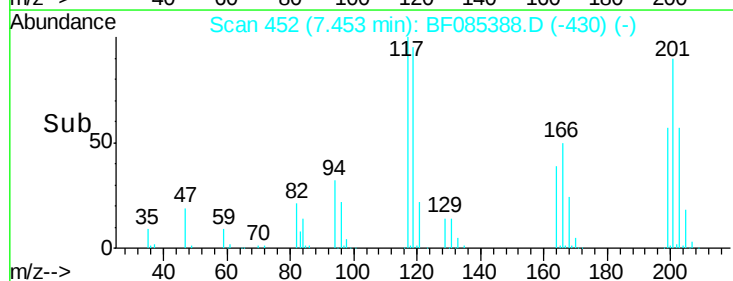
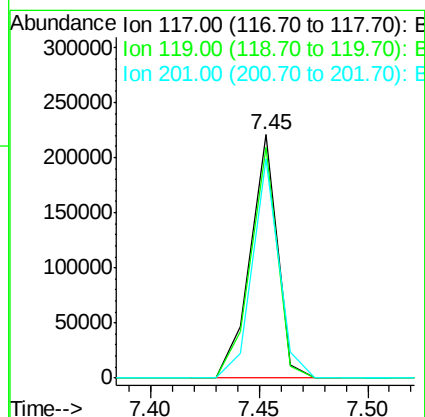
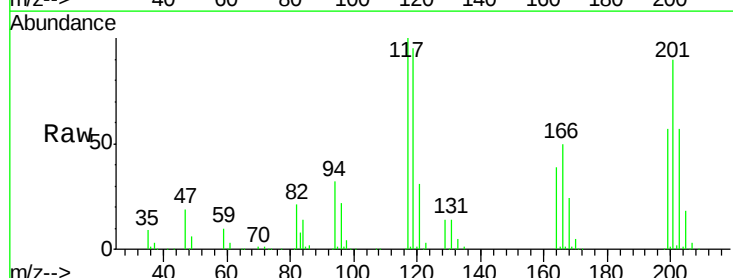
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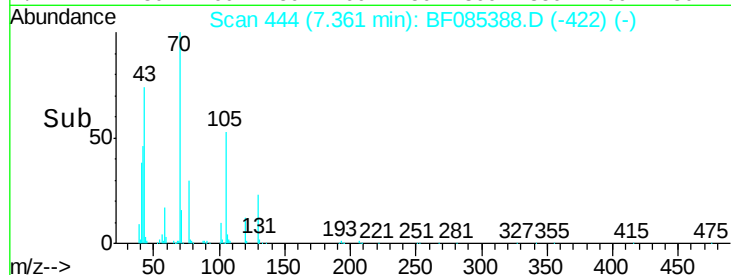
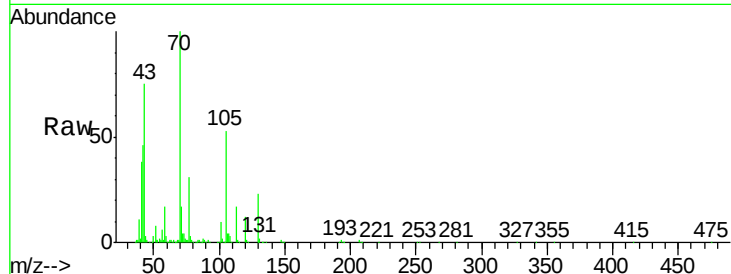
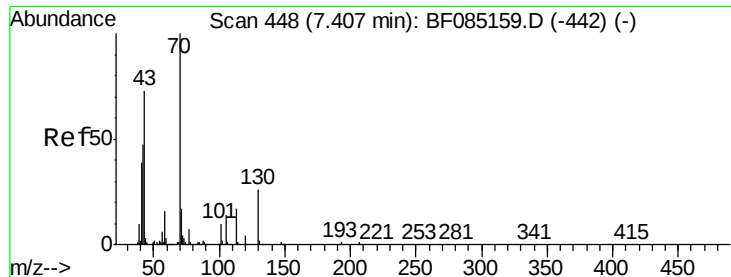
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#18
Hexachloroethane
Concen: 45.59 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:	117	Resp:	191922
Ion Ratio	Lower	Upper	
117	100		
119	95.0	78.2	117.4
201	90.0	72.0	108.0





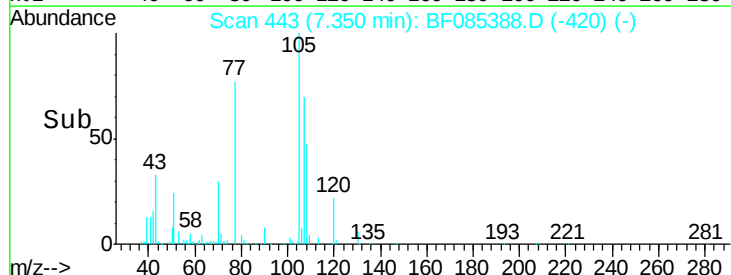
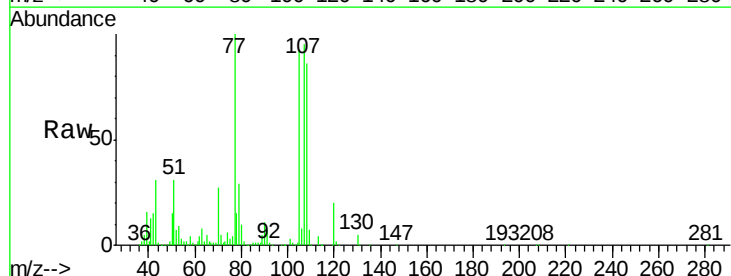
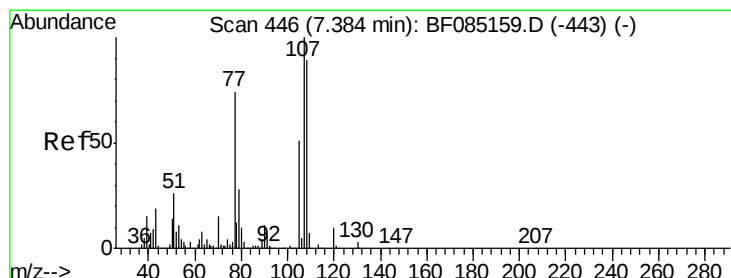
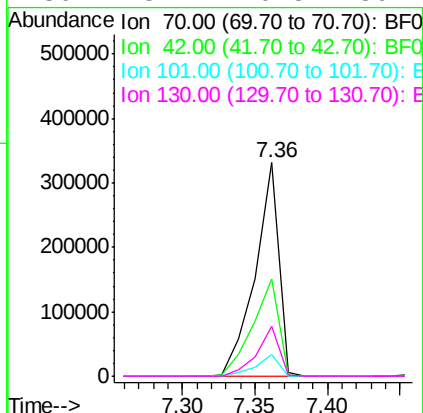
#19
n-Nitroso-di-n-propylamine
Concen: 49.95 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

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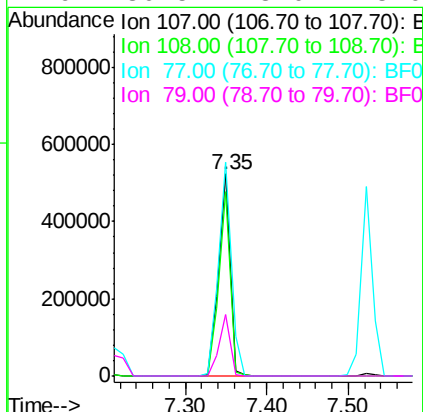
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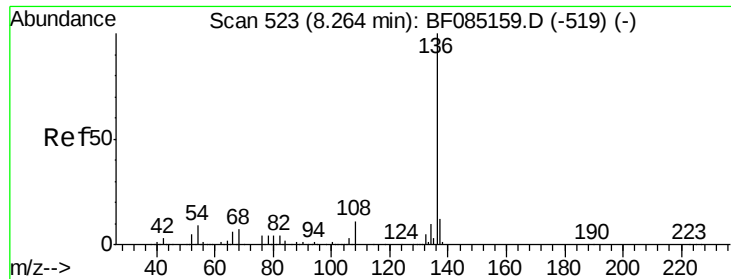
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.6	37.7	56.5	
101	10.2	8.2	12.4	
130	23.2	20.5	30.7	



#20
3+4-Methylphenols
Concen: 50.35 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	68.8	108.8	
77	105.6	53.6	93.6	
79	30.5	8.0	48.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085388.D

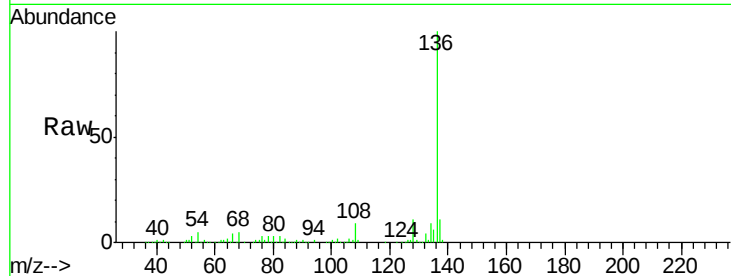
Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

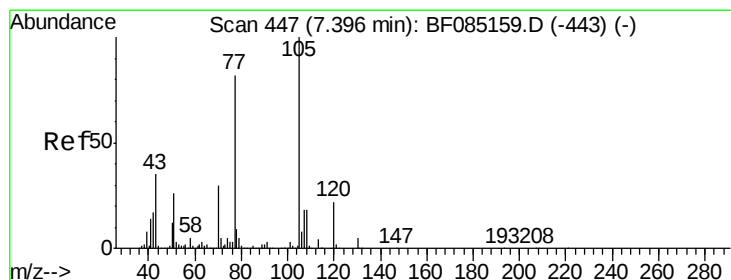
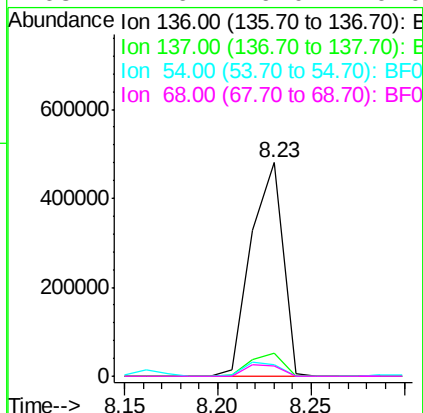
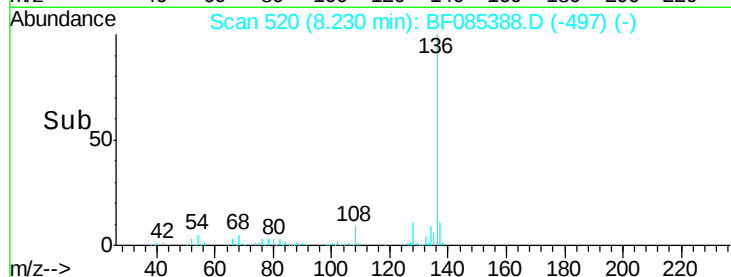
POST-EX-19-20160310MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	569482		
137	10.7	9.3	13.9	
54	5.2	7.4	11.2	
68	4.6	6.0	9.0	

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#22

Acetophenone

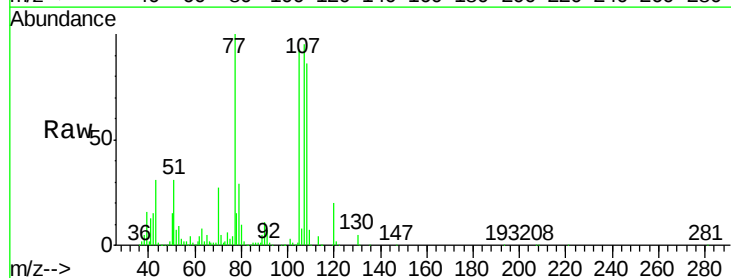
Concen: 43.81 ng

RT: 7.35 min Scan# 443

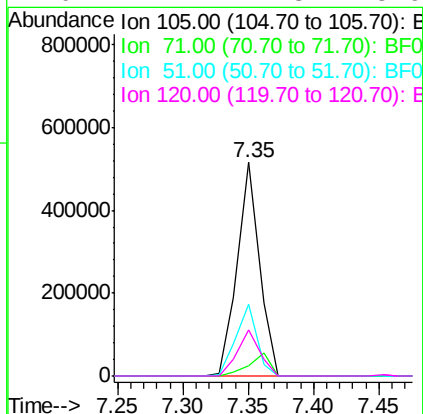
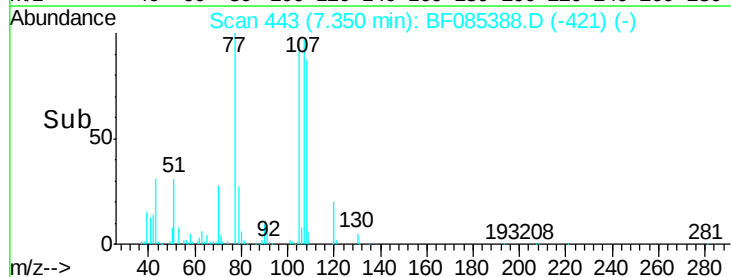
Delta R.T. -0.05 min

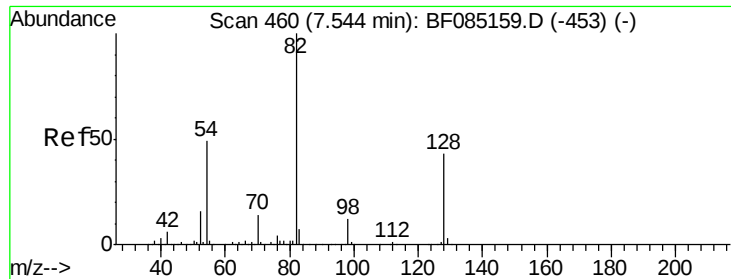
Lab File: BF085388.D

Acq: 11 Mar 2016 22:52



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608920		
71	4.9	4.1	6.1	
51	33.6	21.1	31.7	
120	21.4	17.3	25.9	





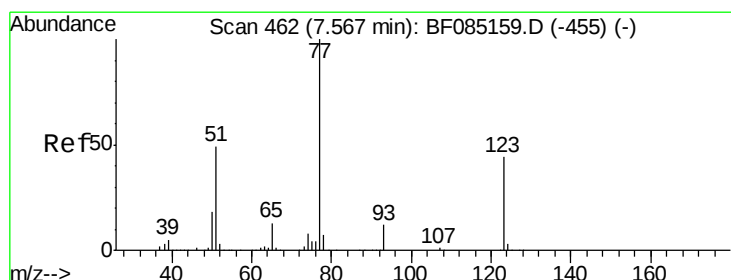
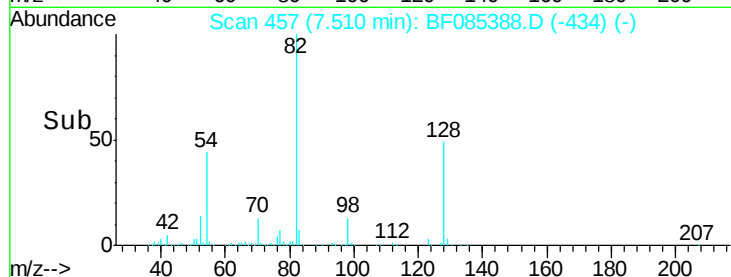
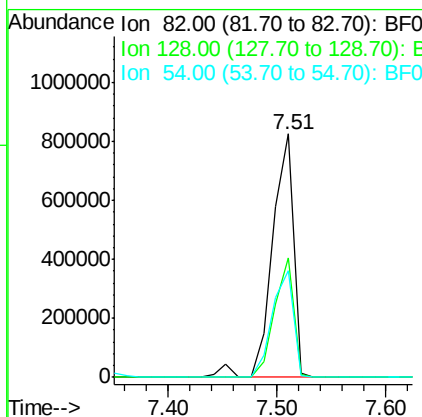
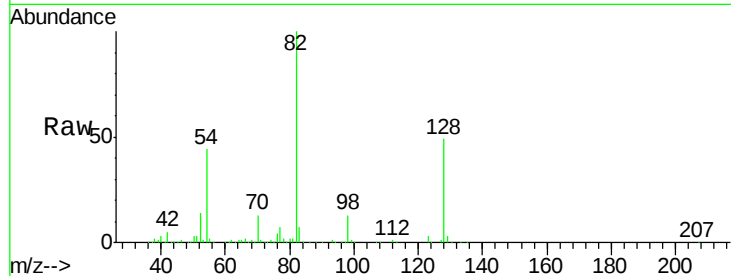
#23
 Nitrobenzene-d5
 Concen: 105.19 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion: 82 Resp: 1119414
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.5 51.7
 54 43.6 39.3 58.9

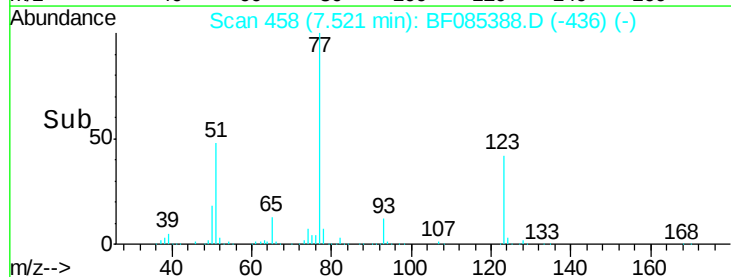
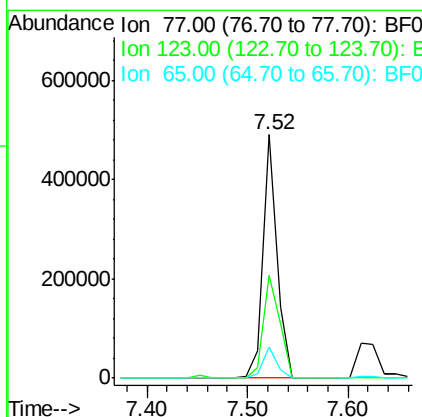
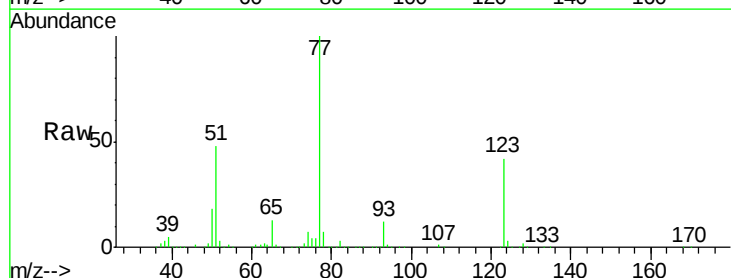
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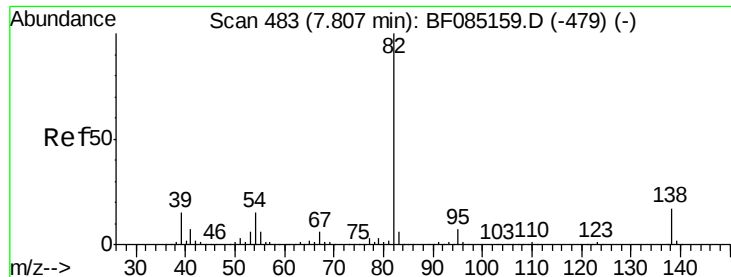
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#24
 Nitrobenzene
 Concen: 44.25 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion: 77 Resp: 478362
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.4 53.2
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 49.99 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

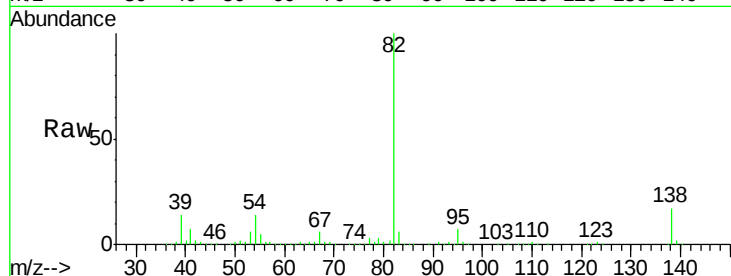
ClientSampleId :

POST-EX-19-20160310MS

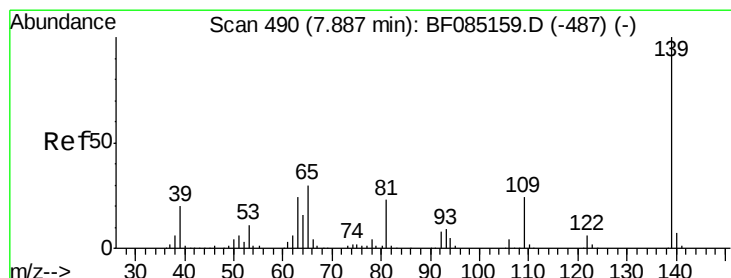
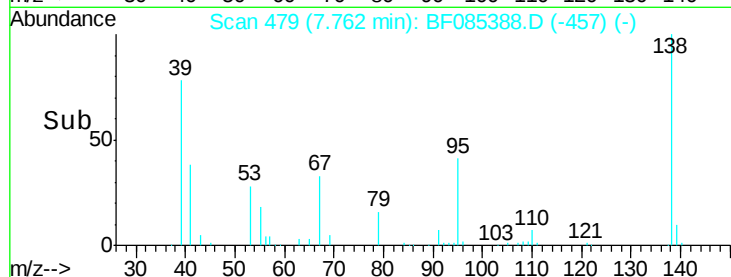
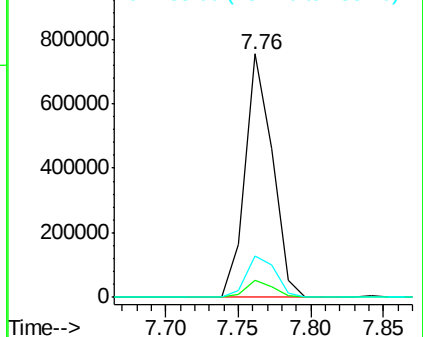
Tgt Ion:	82	Resp:	985976
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.8	13.3	19.9

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.74 ng

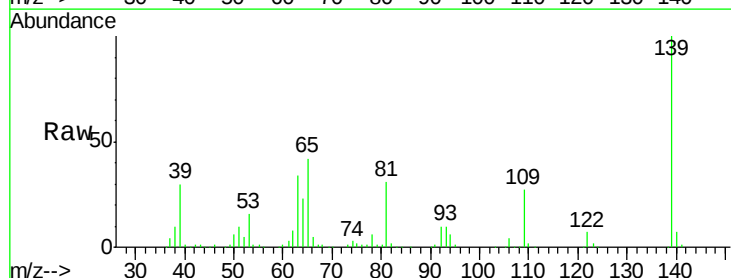
RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

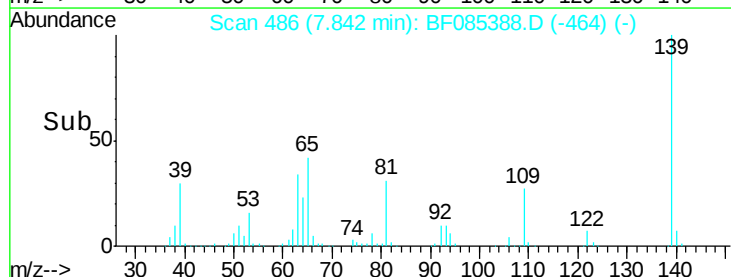
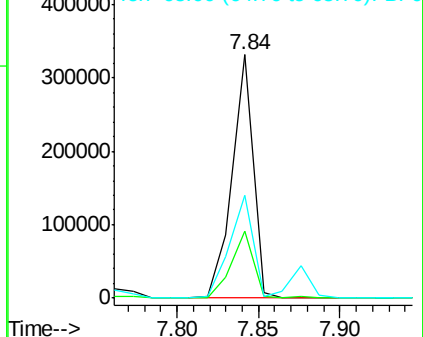
Lab File: BF085388.D

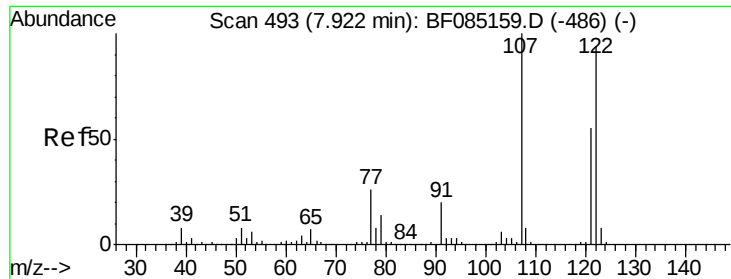
Acq: 11 Mar 2016 22:52

Tgt Ion:	139	Resp:	293220
Ion Ratio		Lower	Upper
139	100		
109	27.5	19.1	28.7
65	42.4	23.9	35.9#



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





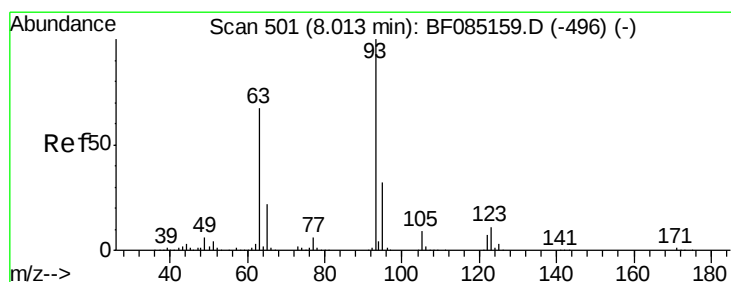
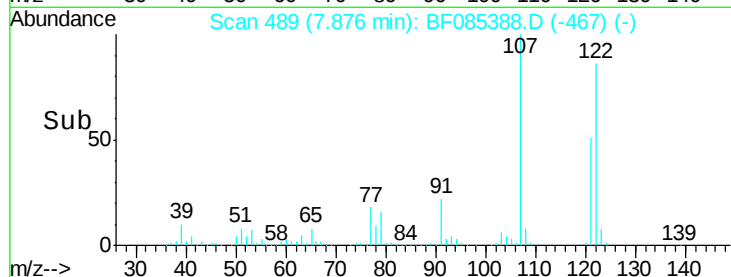
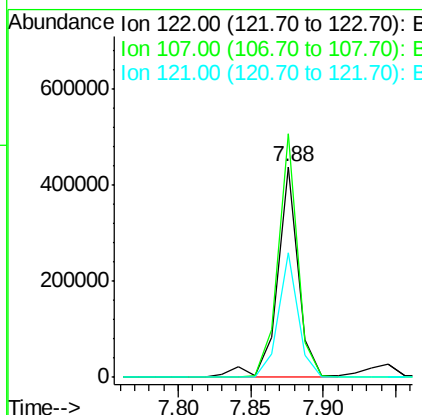
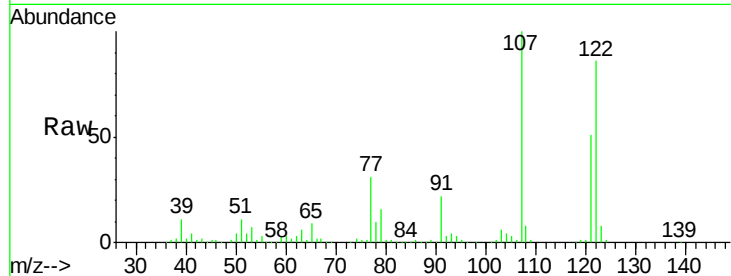
#27
2,4-Dimethylphenol
Concen: 45.50 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	437454		
107	115.6	84.8	127.2	
121	58.9	47.0	70.6	

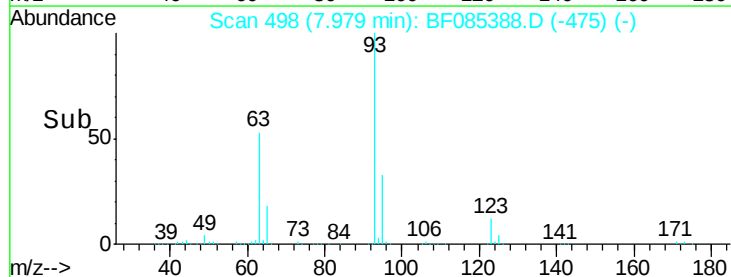
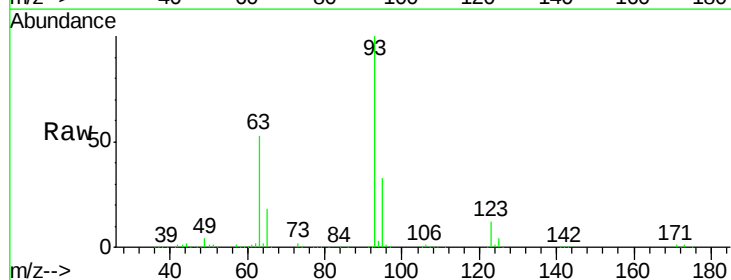
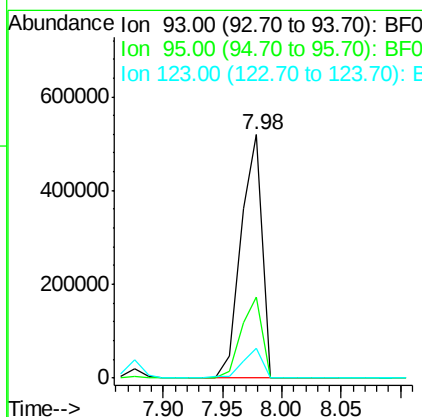
Manual Integrations
APPROVED

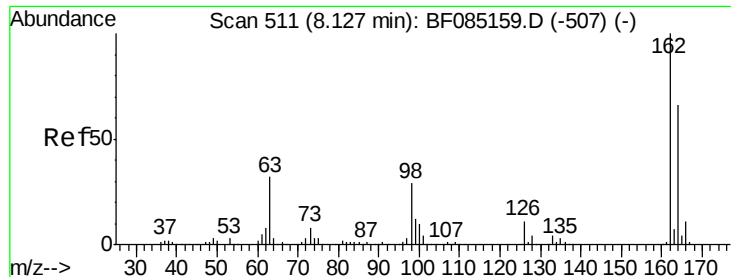
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#28
bis(2-Chloroethoxy)methane
Concen: 58.13 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	638462		
95	33.4	25.9	38.9	
123	12.5	8.8	13.2	





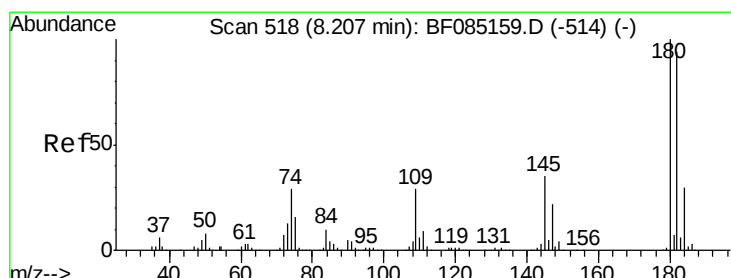
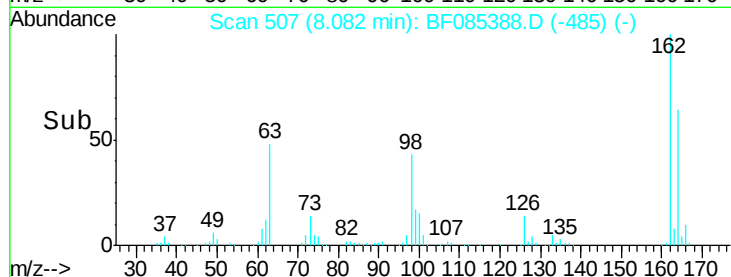
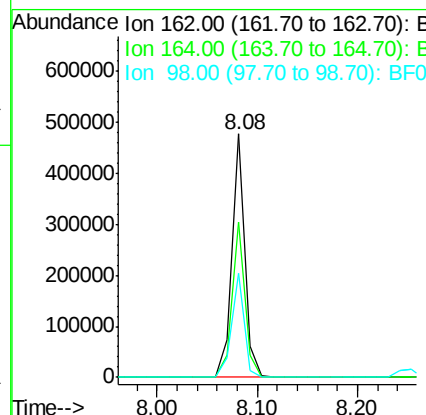
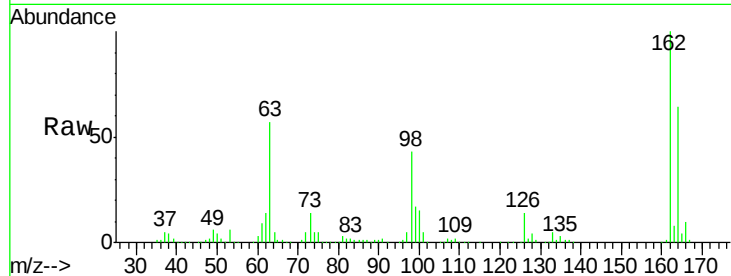
#29
 2,4-Dichlorophenol
 Concen: 54.89 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	45.7	85.7
98	42.6	9.4	49.4

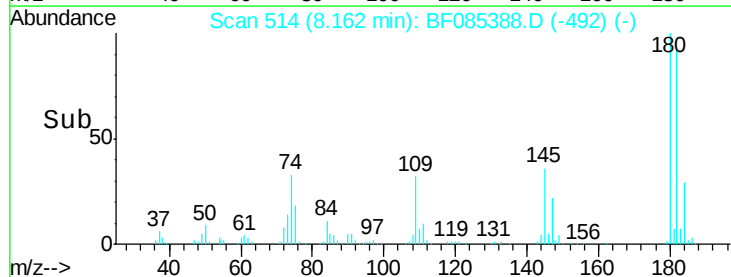
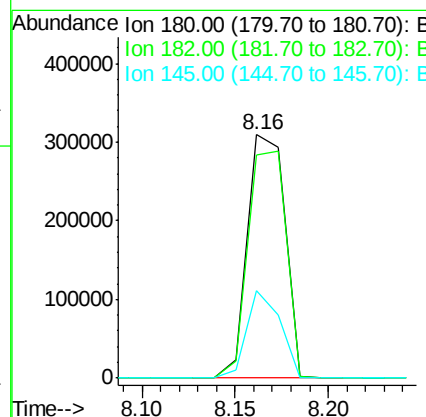
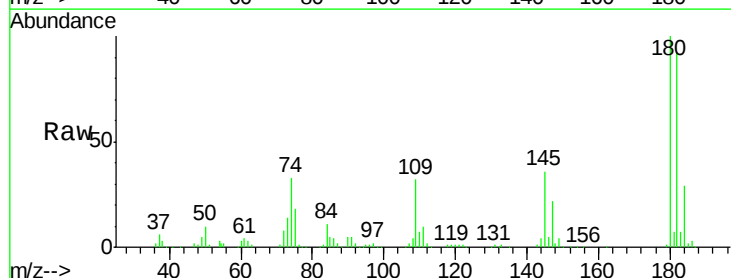
Manual Integrations
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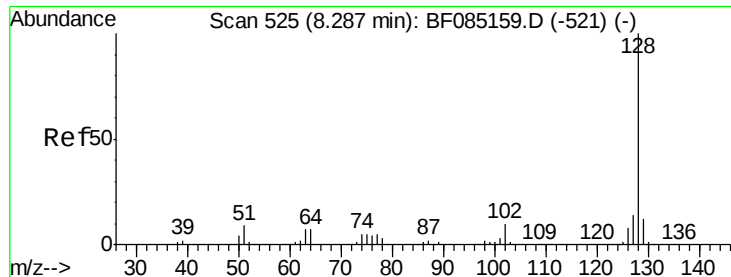
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.31 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.8	74.9	112.3
145	35.9	27.9	41.9





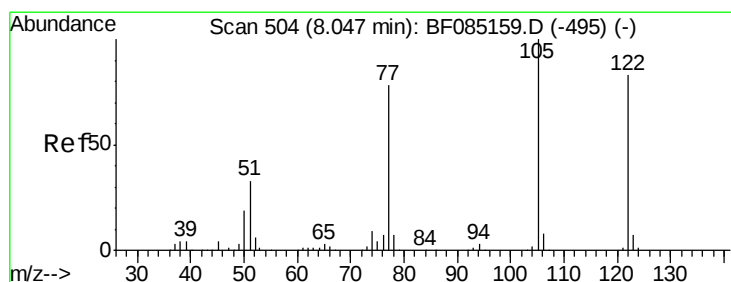
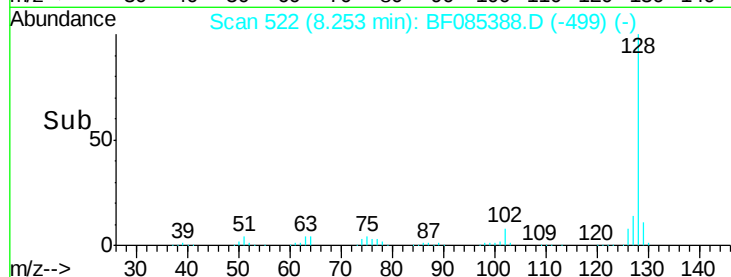
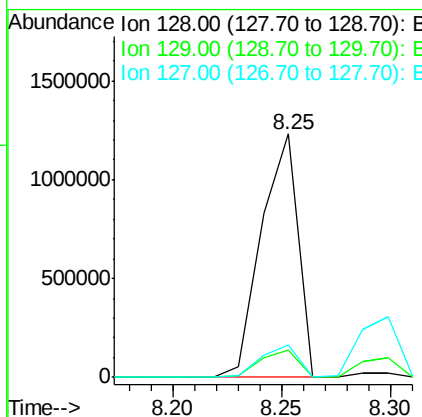
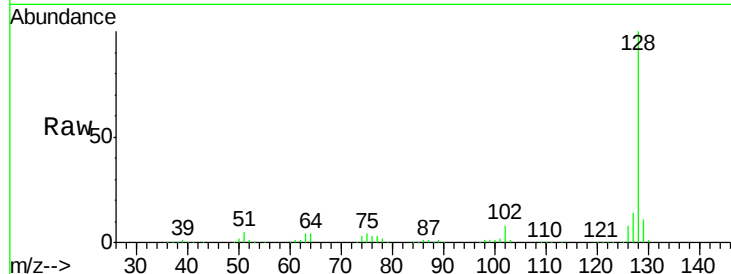
#31
Naphthalene
Concen: 51.90 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:128 Resp: 1453249
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.5 11.2 16.8

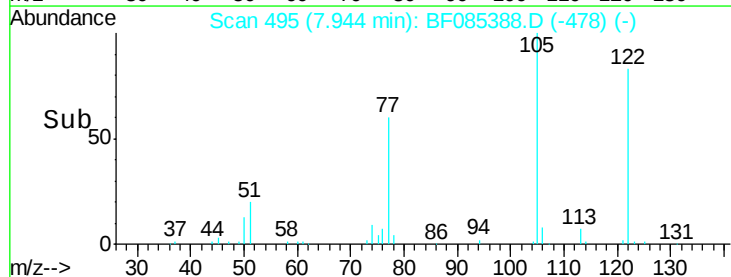
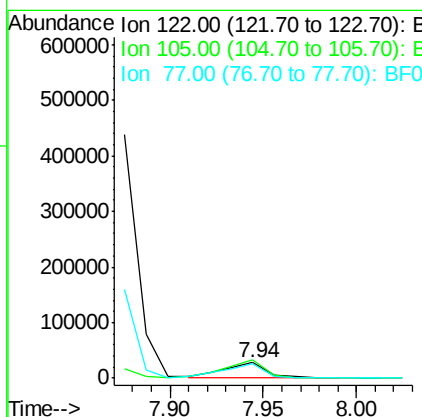
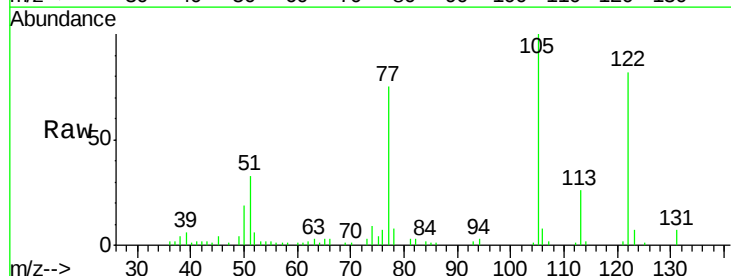
Manual Integrations
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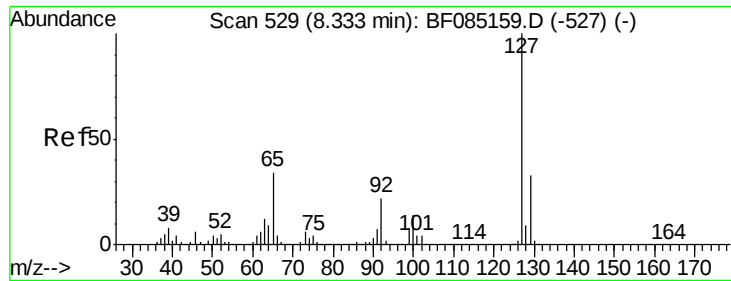
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#32
Benzoic acid
Concen: 6.42 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:122 Resp: 40973
Ion Ratio Lower Upper
122 100
105 122.3 101.3 141.3
77 91.5 74.7 114.7





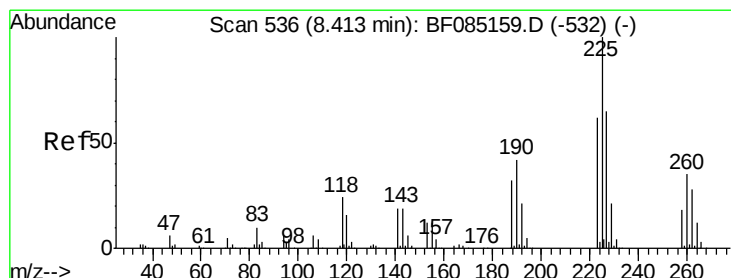
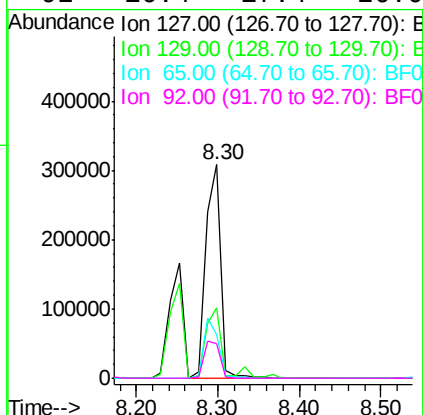
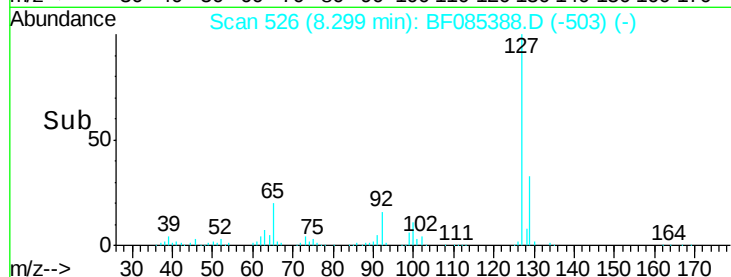
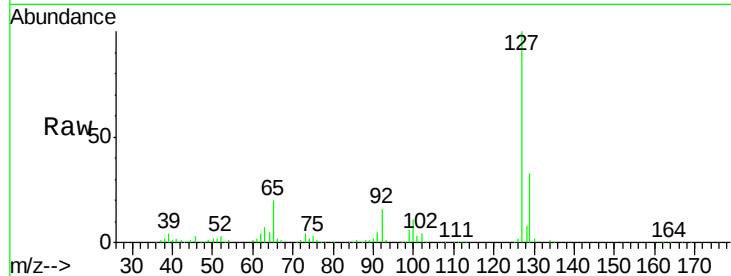
#33
4-Chloroaniline
Concen: 35.20 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	26.1	39.1
65	20.2	27.0	40.6#
92	16.4	17.4	26.0#

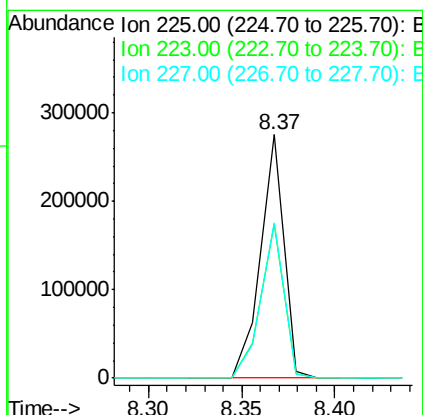
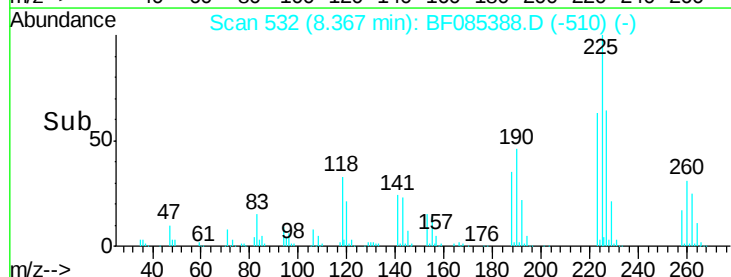
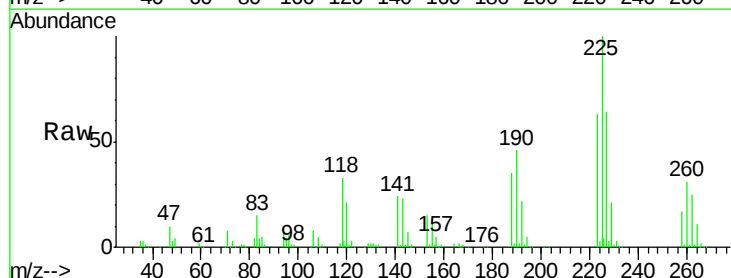
Manual Integrations
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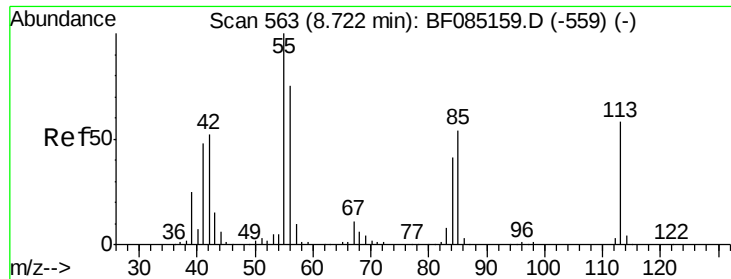
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#34
Hexachlorobutadiene
Concen: 54.35 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.7	52.2	78.4





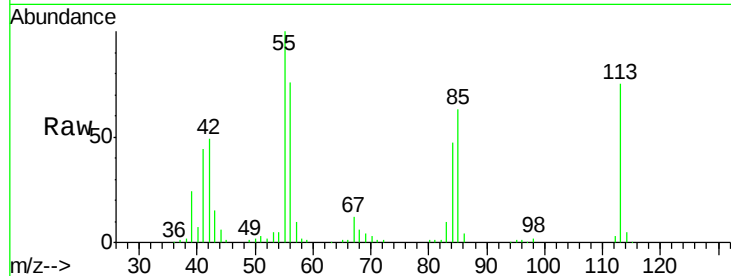
#35
Caprolactam
Concen: 56.87 ng m
RT: 8.68 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

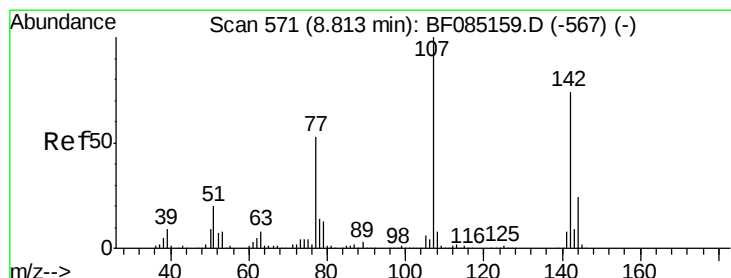
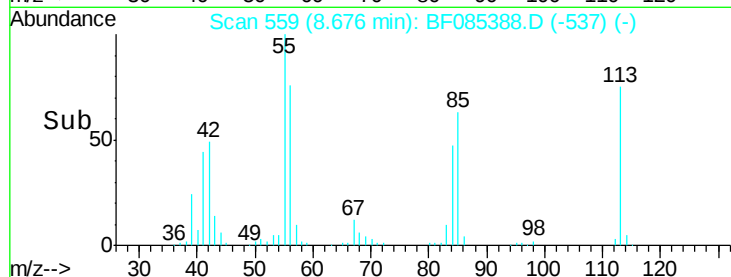
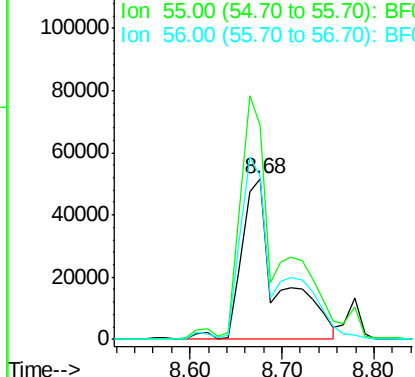
Tgt Ion:113 Resp: 144023
Ion Ratio Lower Upper
113 100
55 133.4 152.7 192.7#
56 101.6 109.0 149.0#

Manual Integrations
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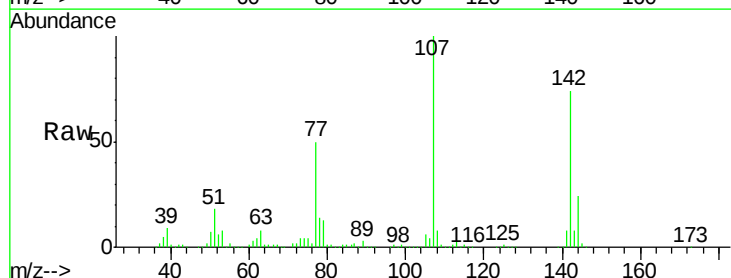


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

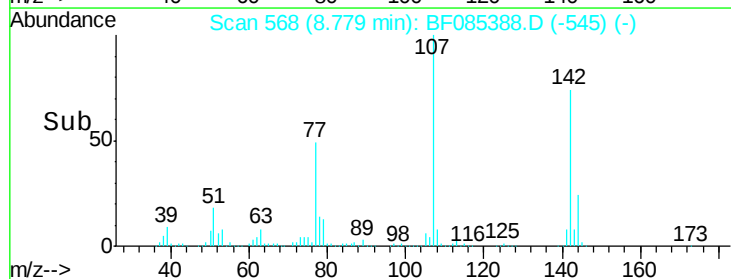
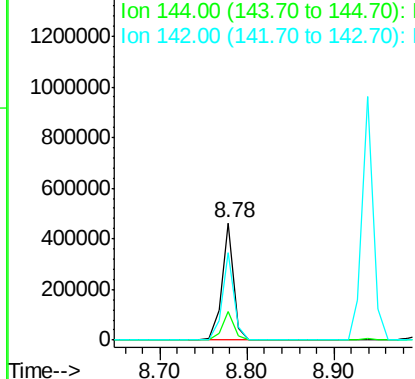


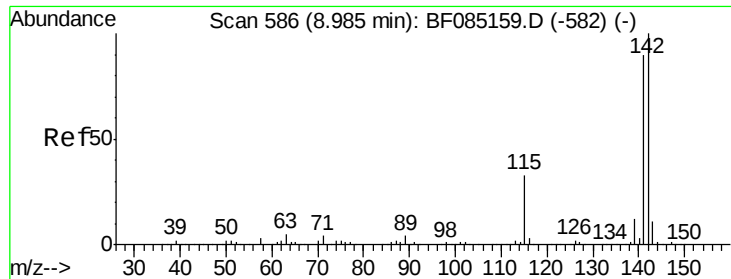
#36
4-Chloro-3-methylphenol
Concen: 49.82 ng
RT: 8.78 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:107 Resp: 438272
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 74.5 59.4 89.2



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





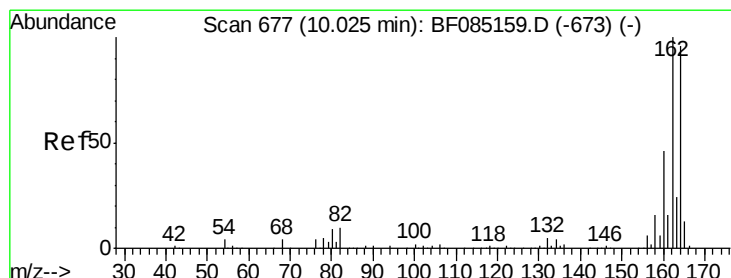
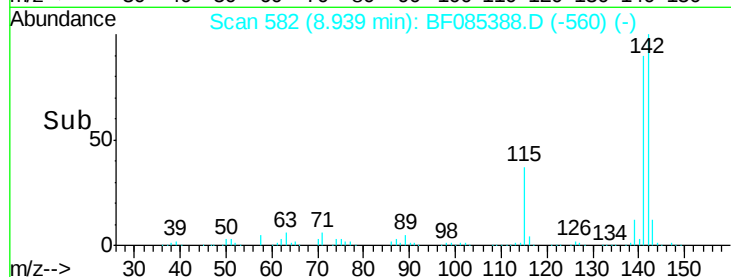
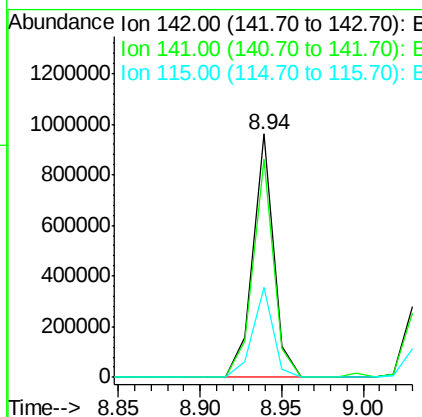
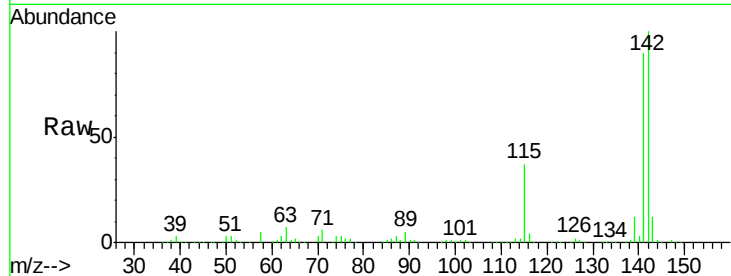
#37
2-Methylnaphthalene
Concen: 47.72 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	37.1	26.2	39.4

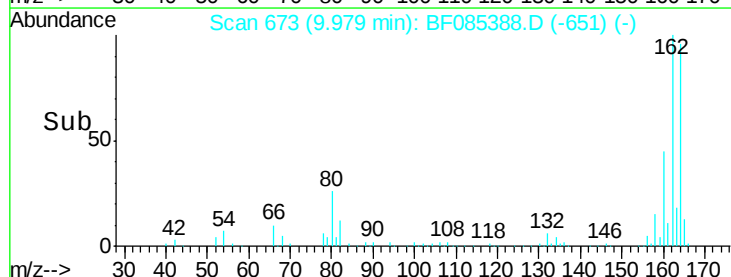
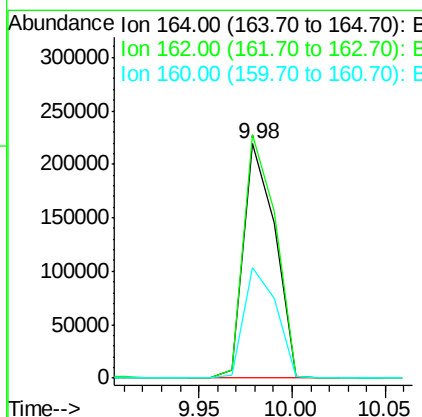
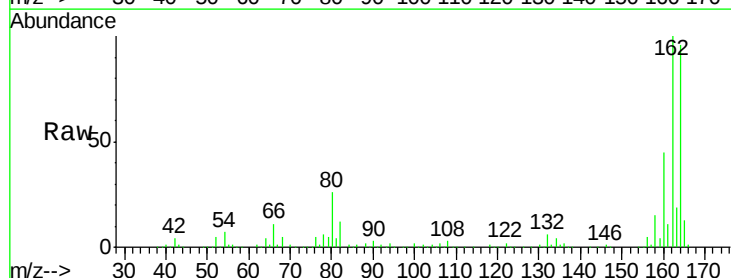
Manual Integrations
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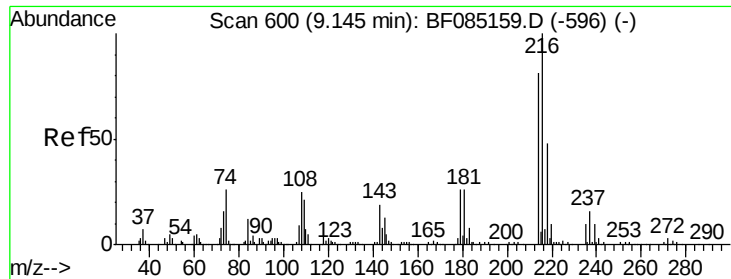
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.3	124.9
160	47.1	37.9	56.9





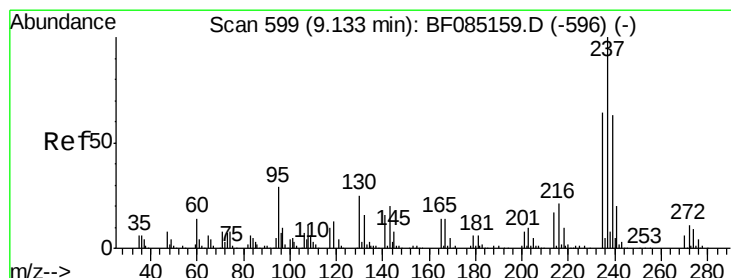
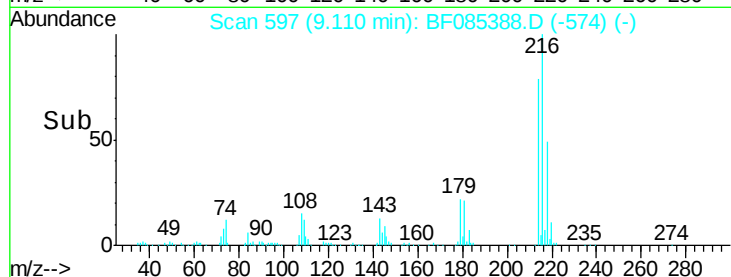
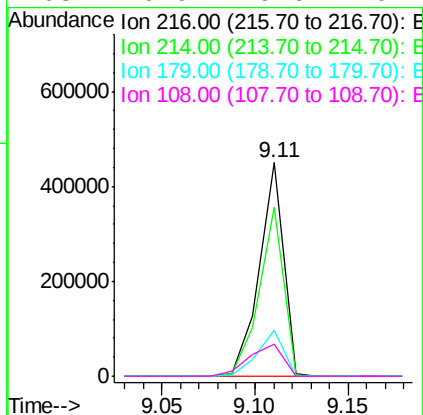
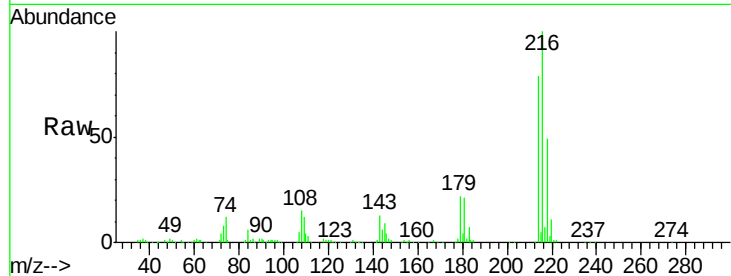
#39
1,2,4,5-Tetrachlorobenzene
Concen: 55.04 ng
RT: 9.11 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	402239		
214	79.2	63.8	95.6	
179	23.1	19.6	29.4	
108	20.9	19.6	29.4	

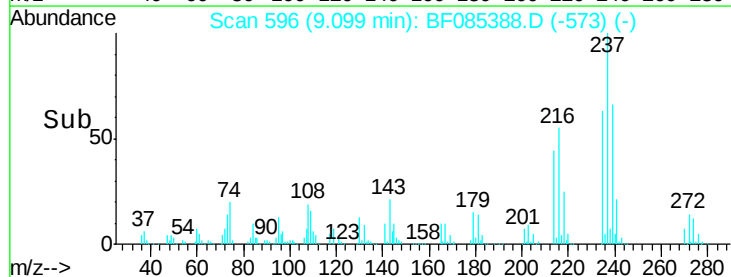
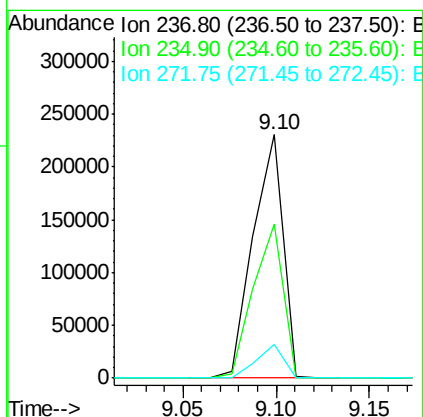
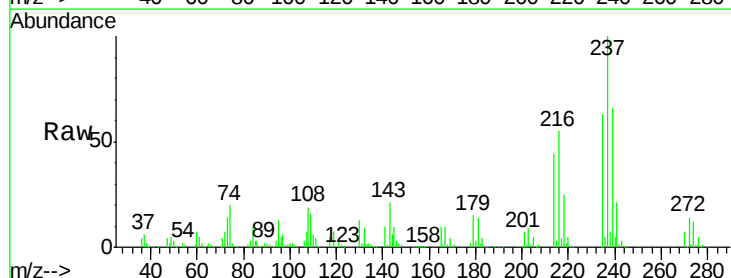
Manual Integrations
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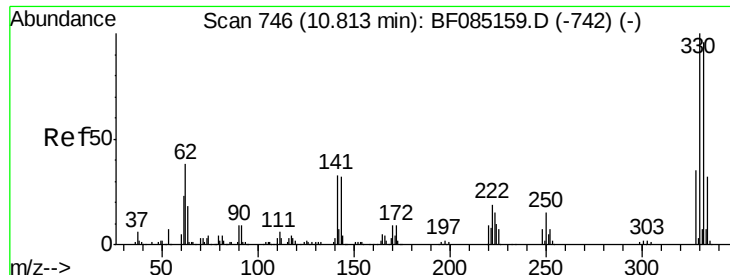
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#40
Hexachlorocyclopentadiene
Concen: 64.64 ng
RT: 9.10 min Scan# 596
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	254788		
235	63.3	43.7	83.7	
272	14.1	0.0	31.5	





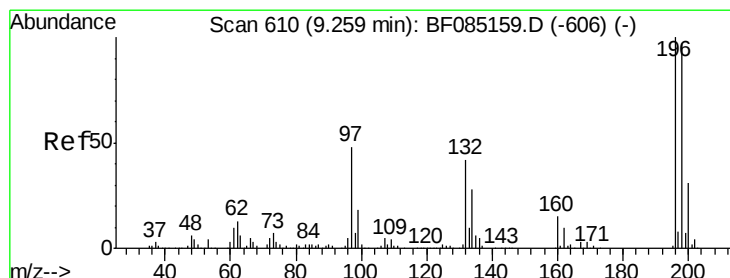
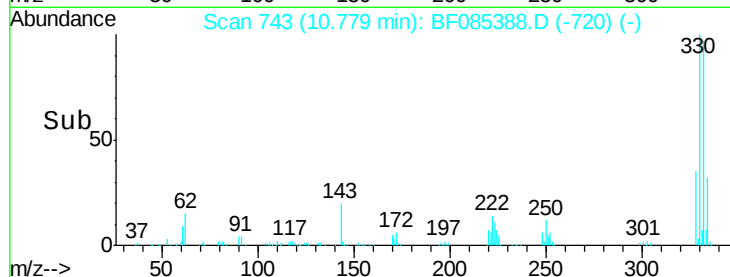
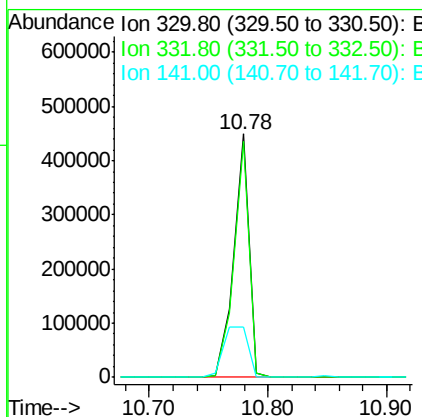
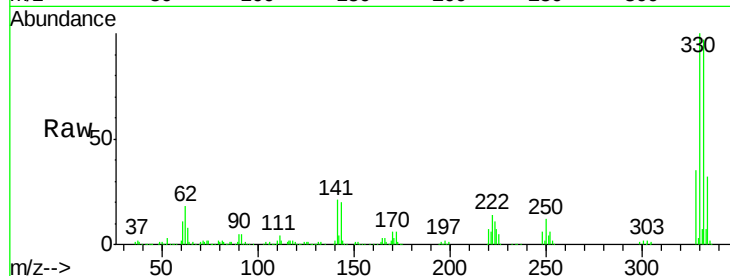
#41
 2,4,6-Tribromophenol
 Concen: 184.84 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	404132		
332	96.0	77.1	115.7	
141	33.2	35.0	52.6#	

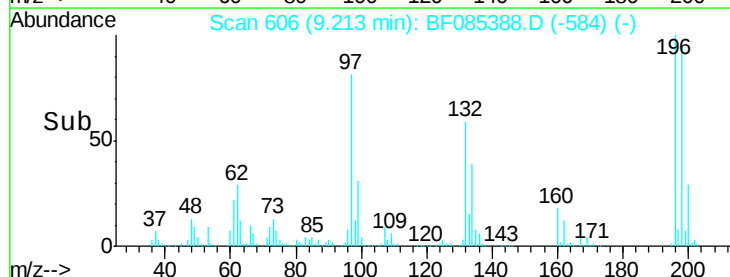
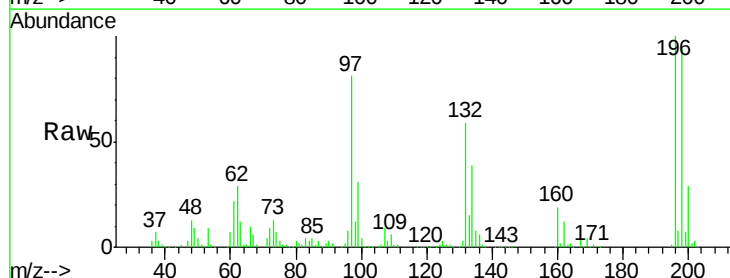
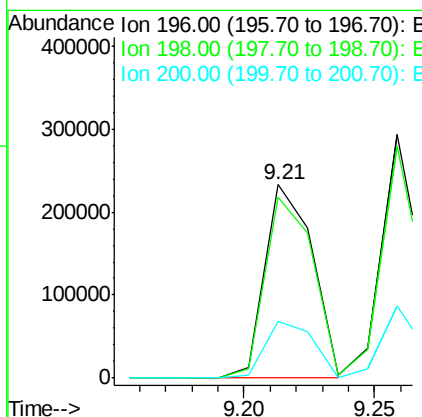
Manual Integrations
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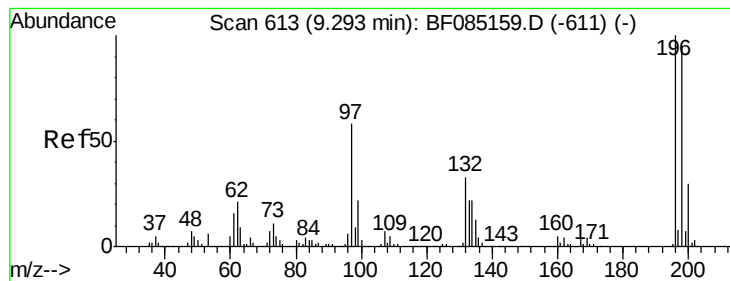
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#42
 2,4,6-Trichlorophenol
 Concen: 54.17 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

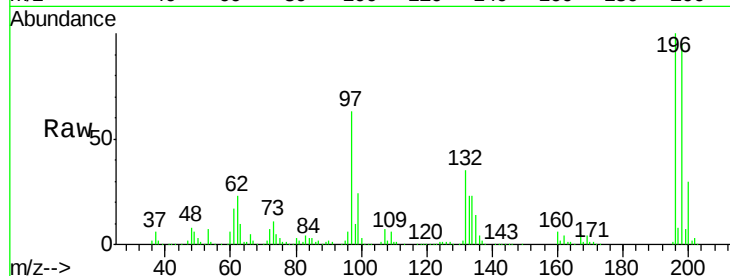
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294673		
198	93.7	77.8	116.6	
200	29.2	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 57.81 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

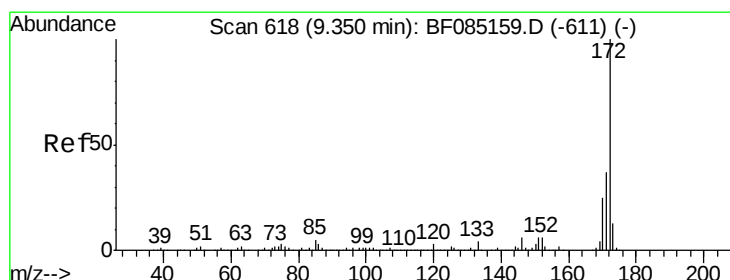
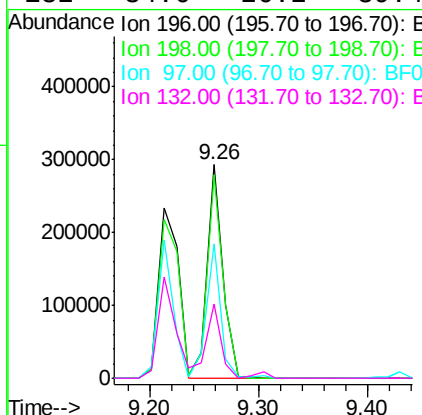
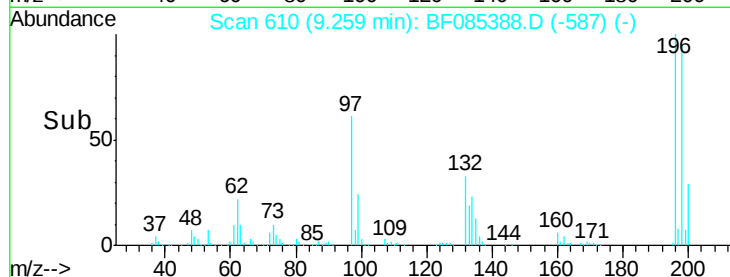
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS



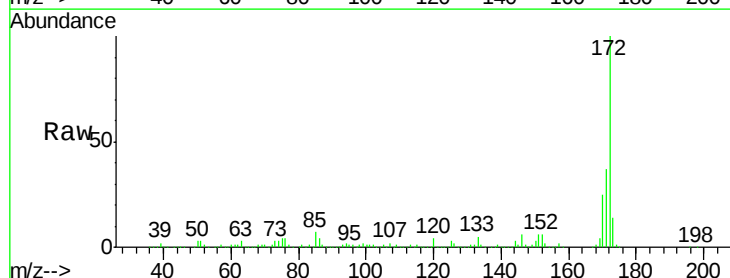
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298190		
198	95.1	75.7	113.5	
97	63.1	46.4	69.6	
132	34.6	26.2	39.4	

Manual Integrations
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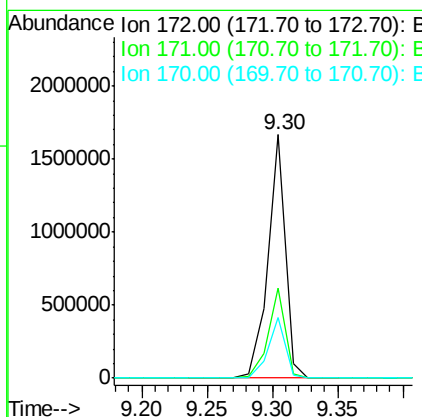
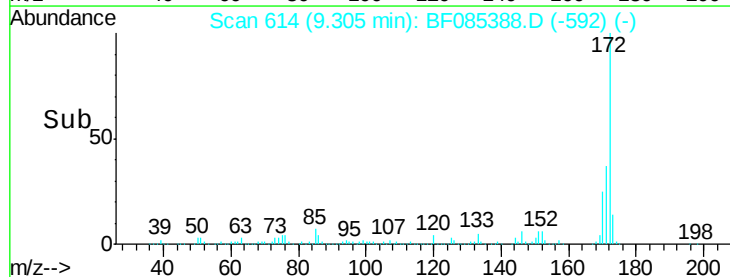
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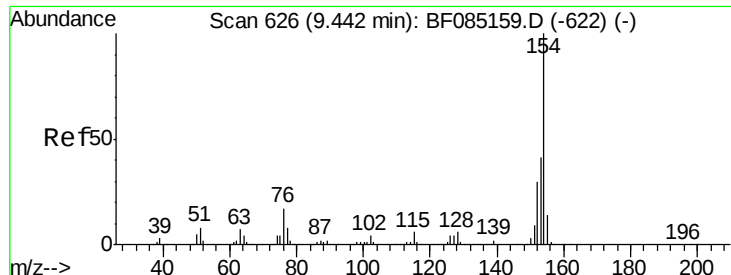


#44
 2-Fluorobiphenyl
 Concen: 92.85 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1559981		
171	37.0	29.3	43.9	
170	25.0	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 52.83 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:154 Resp: 1153261

Ion Ratio Lower Upper

154 100

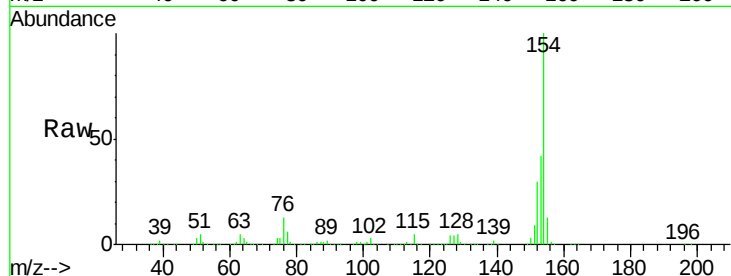
153 42.0 21.4 61.4

76 12.6 0.0 37.5

Manual Integrations
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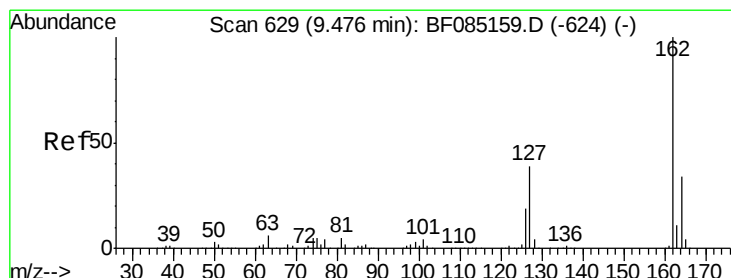
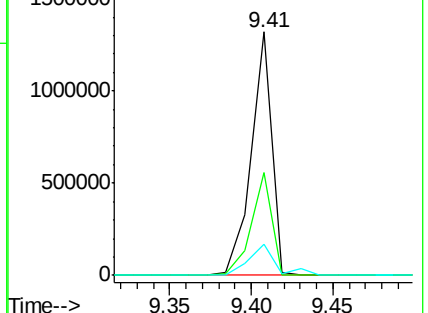
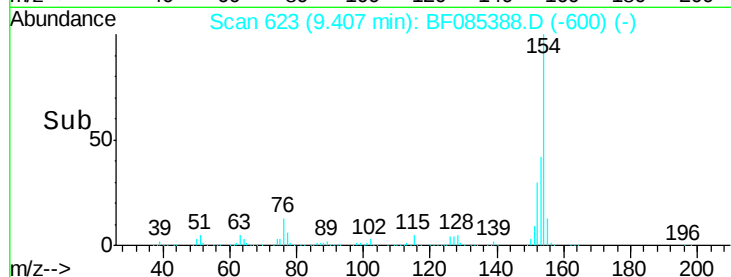
3/14/2016 10:45:38 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.25 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

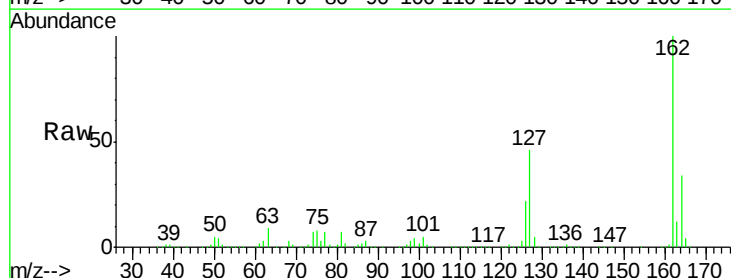
Tgt Ion:162 Resp: 852836

Ion Ratio Lower Upper

162 100

127 45.8 31.6 47.4

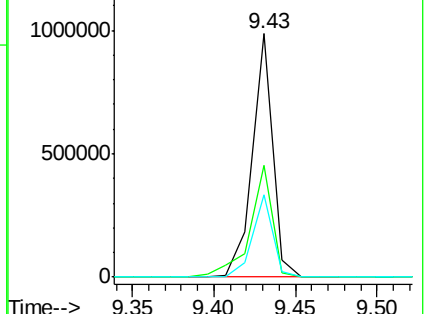
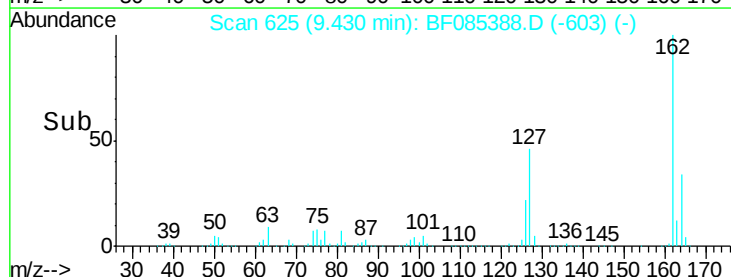
164 33.7 27.1 40.7

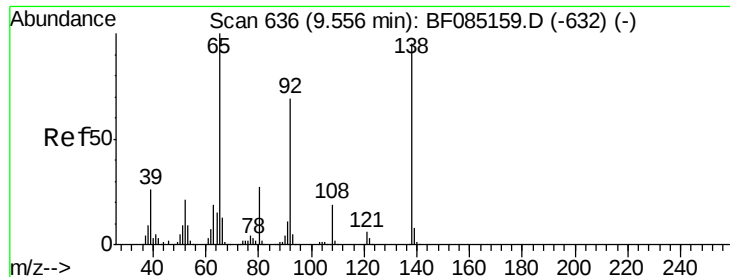


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





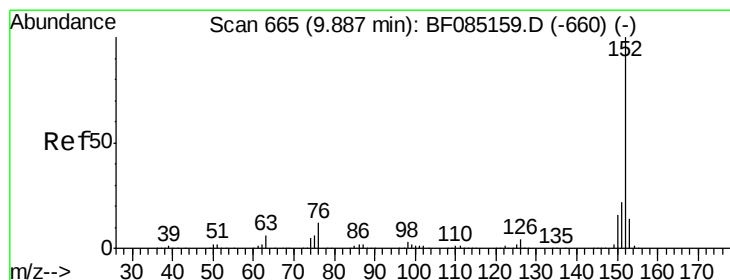
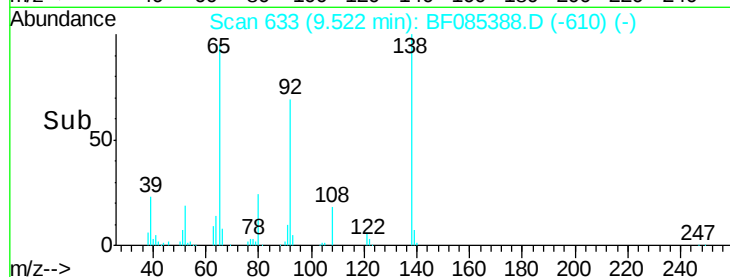
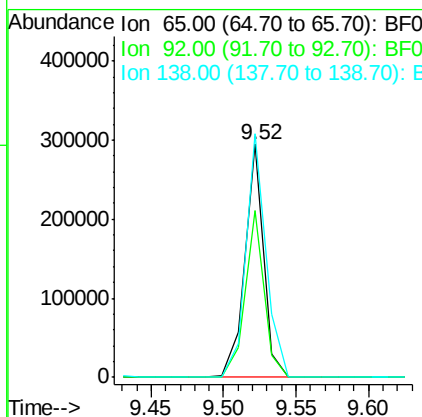
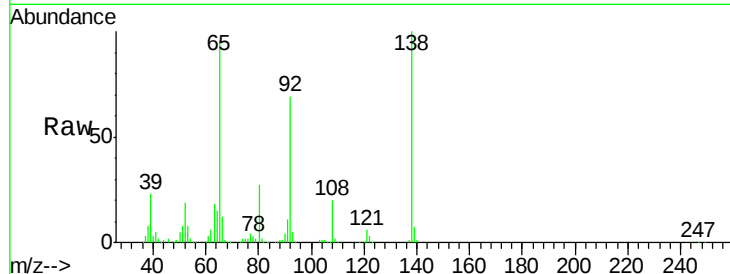
#47
2-Nitroaniline
Concen: 51.19 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	55.4	83.2
138	104.5	75.7	113.5

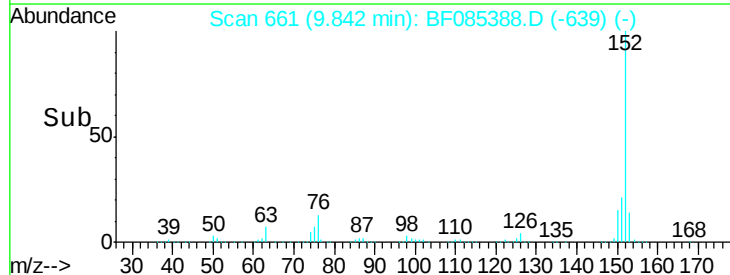
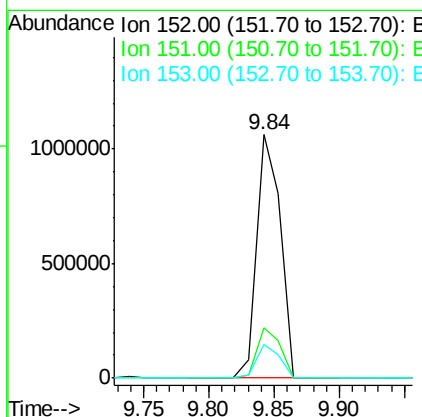
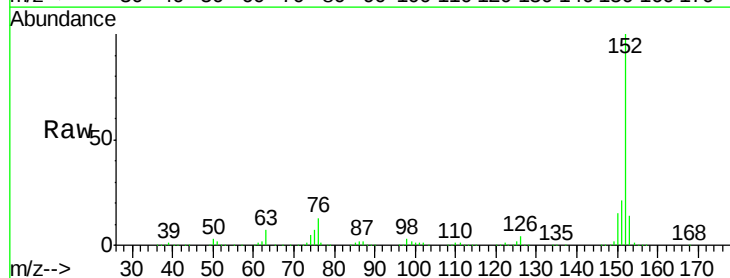
Manual Integrations
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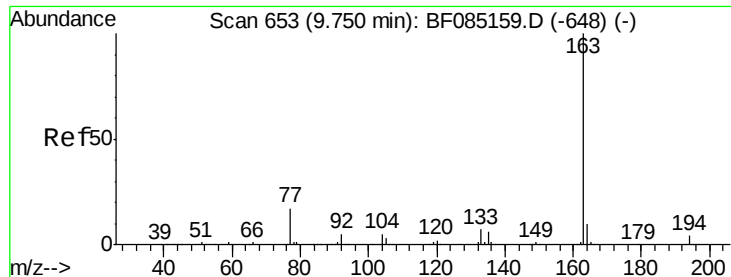
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#48
Acenaphthylene
Concen: 51.74 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.5	26.3
153	14.0	11.3	16.9





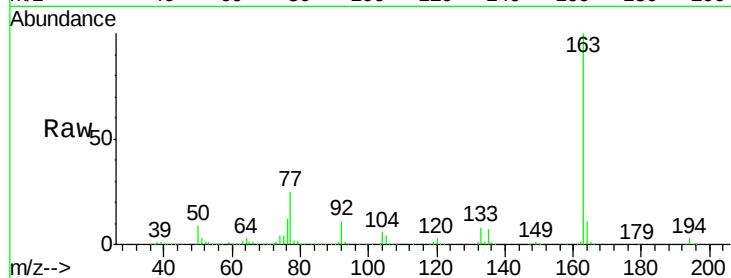
#49
Dimethylphthalate
Concen: 58.41 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

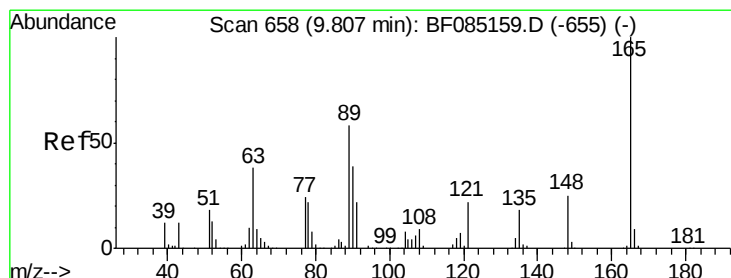
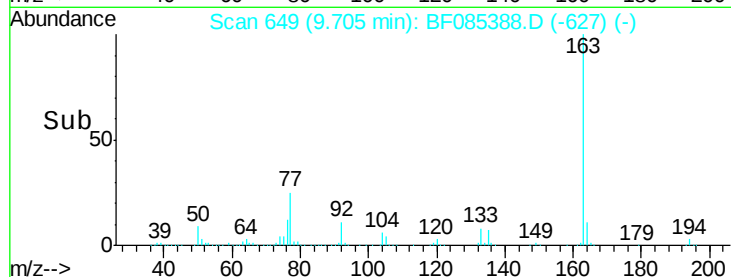
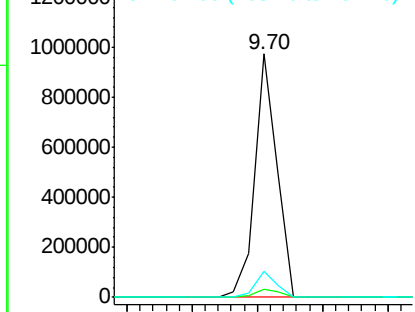
Tgt Ion:163 Resp: 1145570
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.9 8.2 12.4

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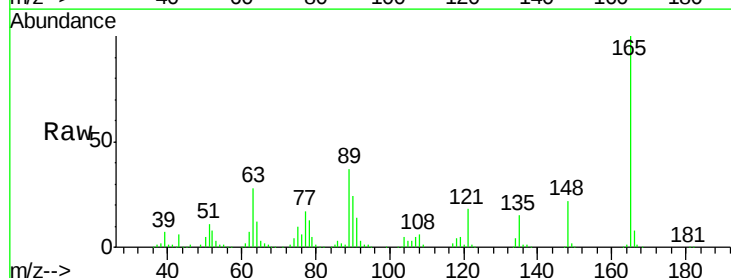


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

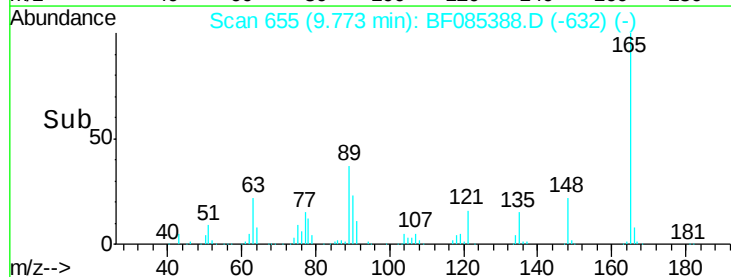
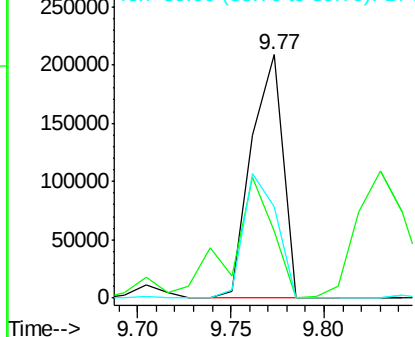


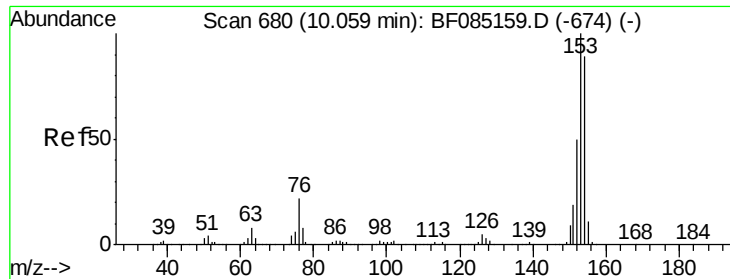
#50
2,6-Dinitrotoluene
Concen: 58.16 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:165 Resp: 244033
Ion Ratio Lower Upper
165 100
63 27.7 41.8 62.8#
89 37.4 46.7 70.1#



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





#51

Acenaphthene

Concen: 53.01 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

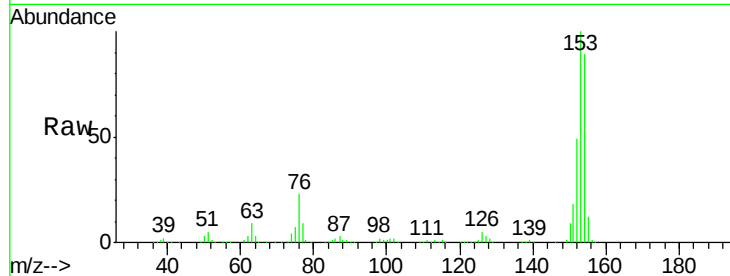
ClientSampleId :

POST-EX-19-20160310MS

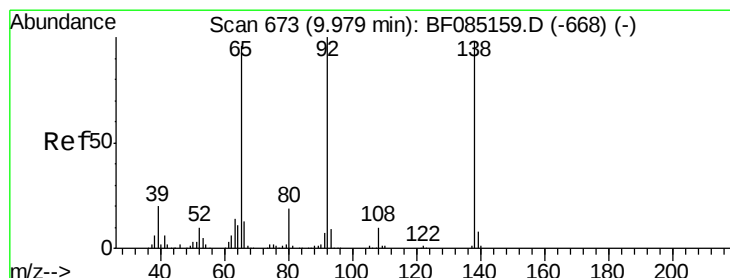
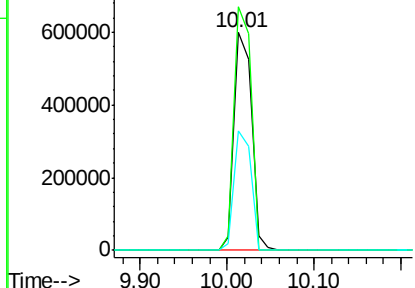
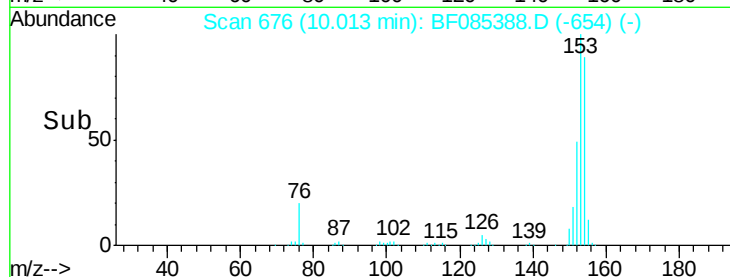
Tgt Ion:	154	Resp:	833573
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.8	134.8
152	54.8	44.6	66.8

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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: 38.82 ng

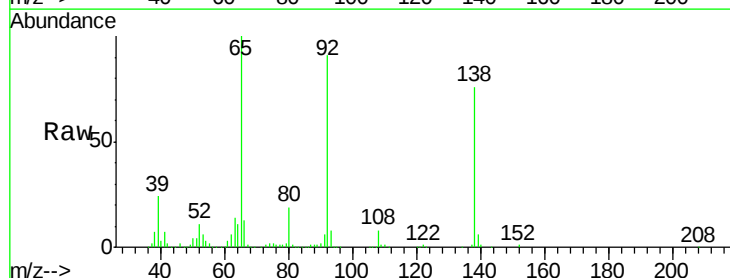
RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

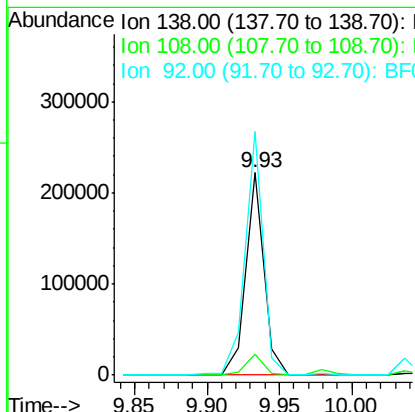
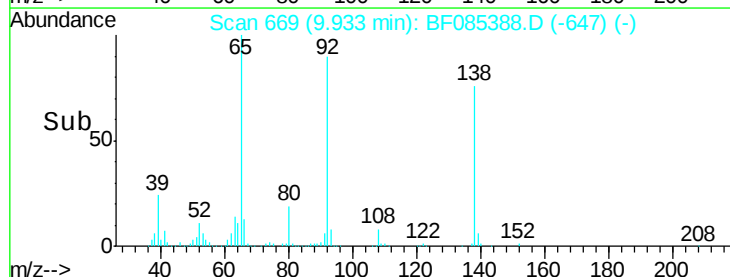
Lab File: BF085388.D

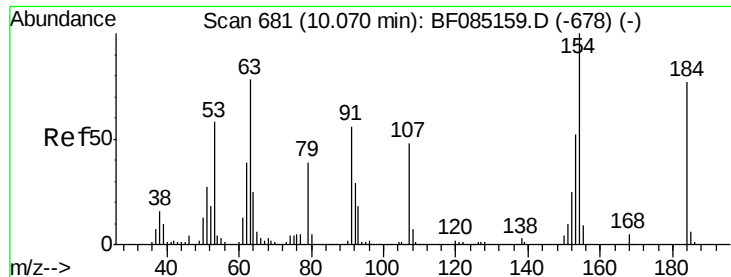
Acq: 11 Mar 2016 22:52

Tgt Ion:	138	Resp:	194871
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	120.2	81.3	121.9



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





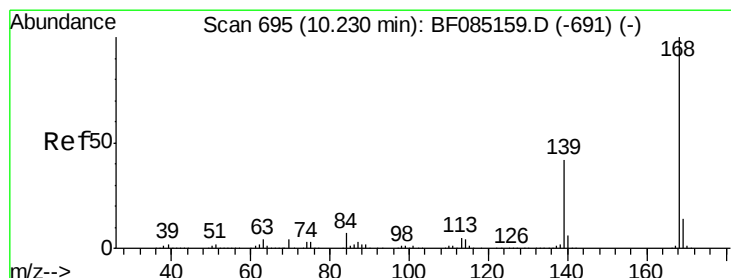
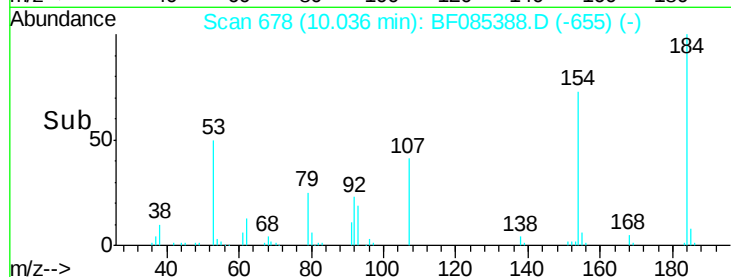
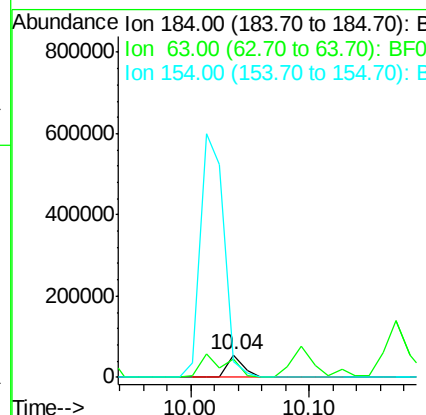
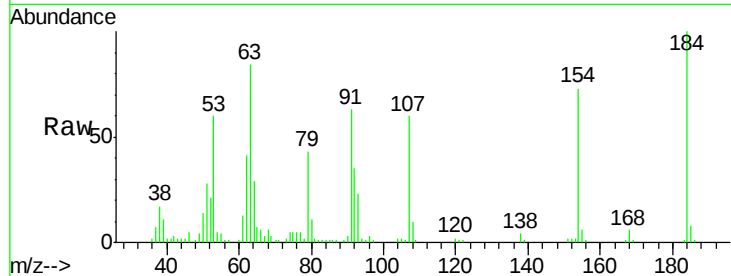
#53
2,4-Dinitrophenol
Concen: 30.09 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:184 Resp: 52210
Ion Ratio Lower Upper
184 100
63 83.6 82.2 123.4
154 73.2 108.9 163.3#

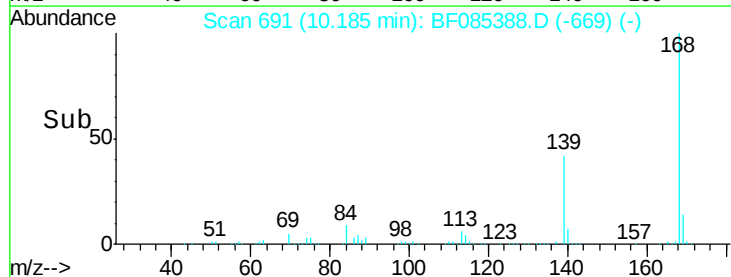
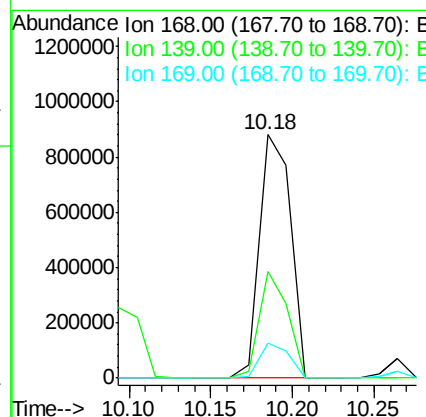
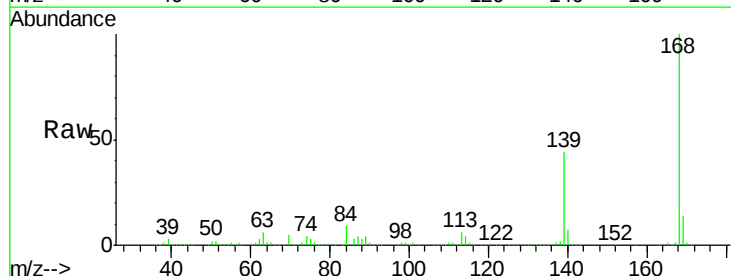
Manual Integrations
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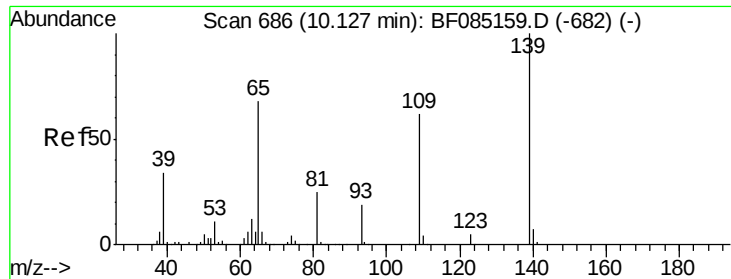
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#54
Dibenzofuran
Concen: 56.74 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:168 Resp: 1168970
Ion Ratio Lower Upper
168 100
139 44.0 33.6 50.4
169 14.1 11.2 16.8





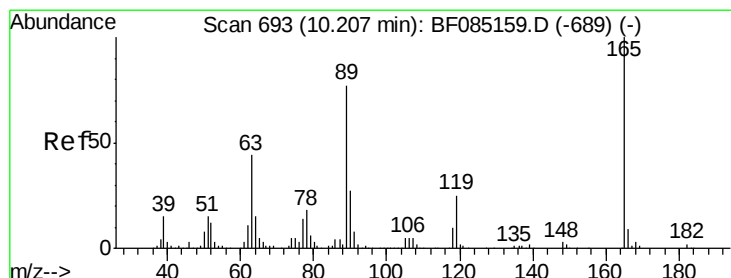
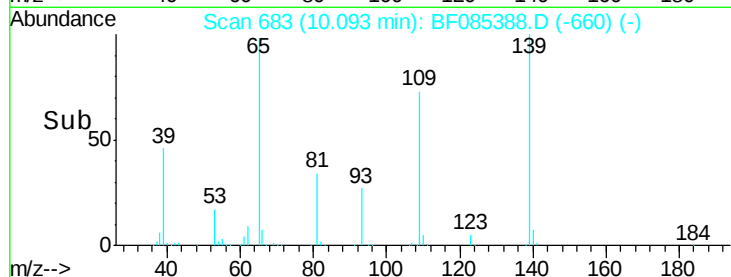
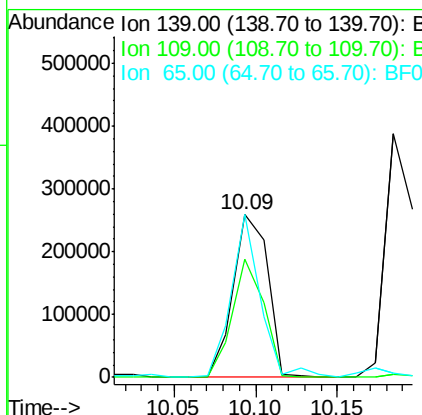
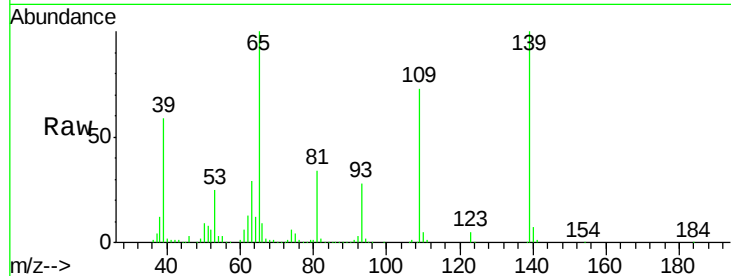
#55
4-Nitrophenol
Concen: 96.51 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	380704		
109	72.9	41.9	81.9	
65	100.3	48.3	88.3#	

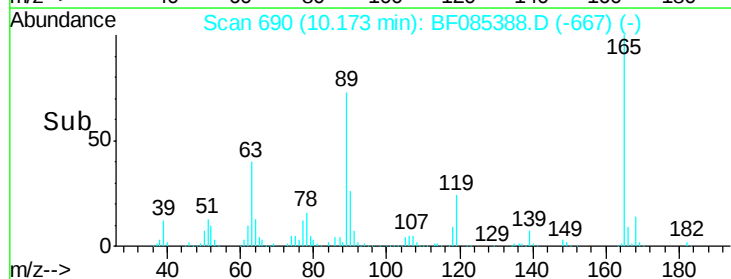
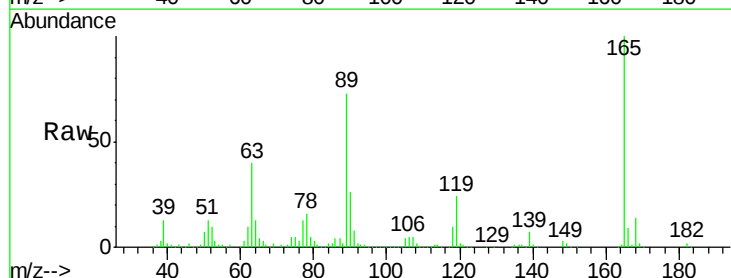
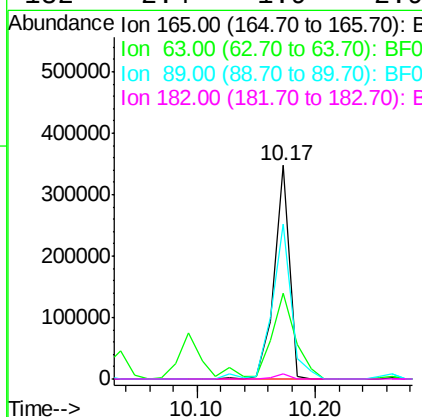
Manual Integrations
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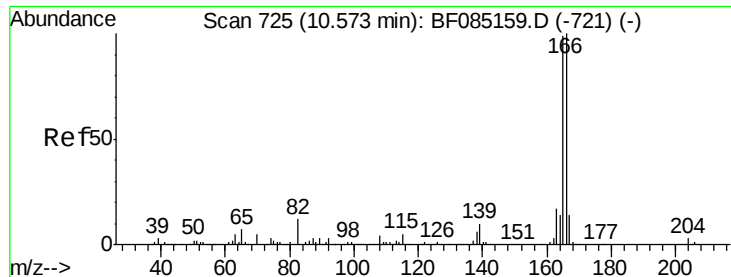
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#56
2,4-Dinitrotoluene
Concen: 57.93 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	311073		
63	40.1	35.4	53.0	
89	72.8	61.9	92.9	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 52.65 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

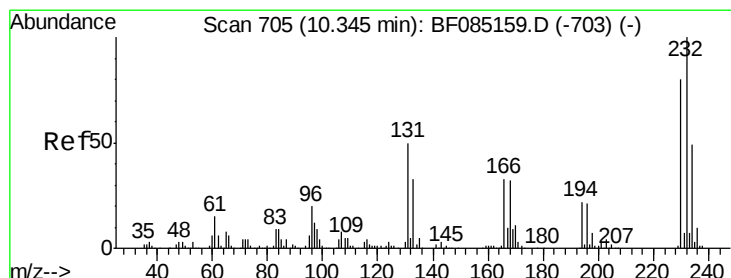
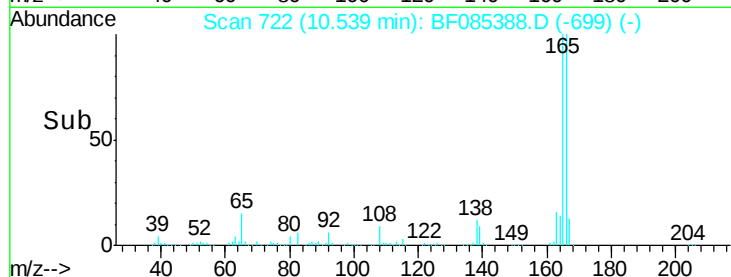
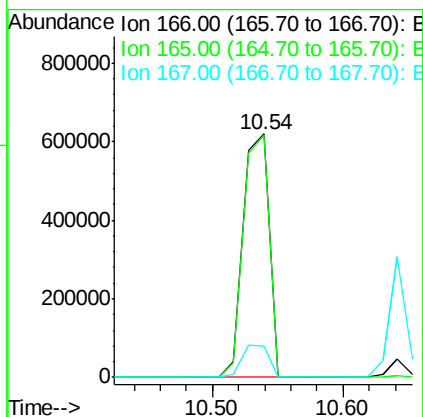
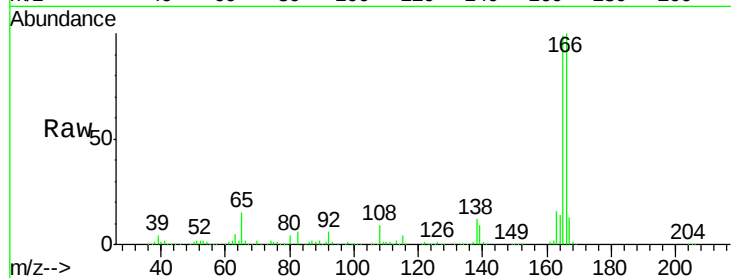
ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:	166	Resp:	852075
Ion Ratio		Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.0	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 62.90 ng

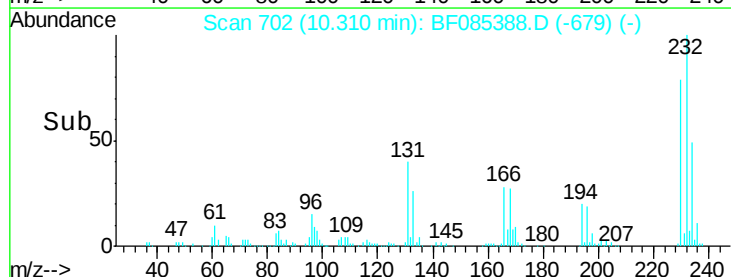
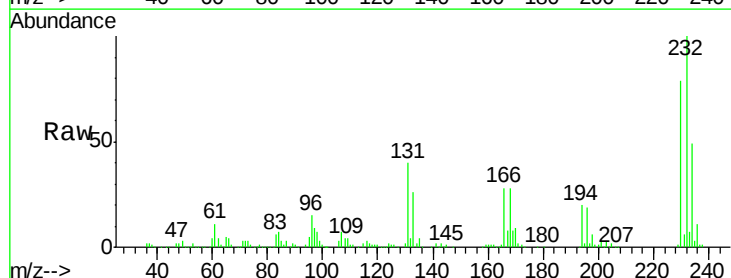
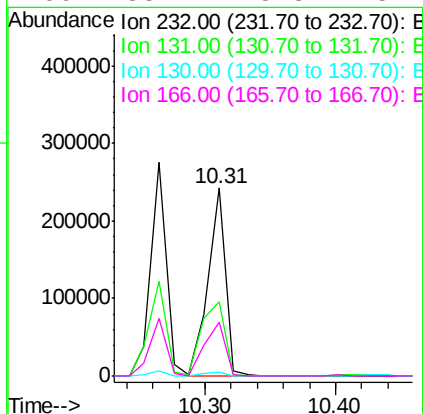
RT: 10.31 min Scan# 702

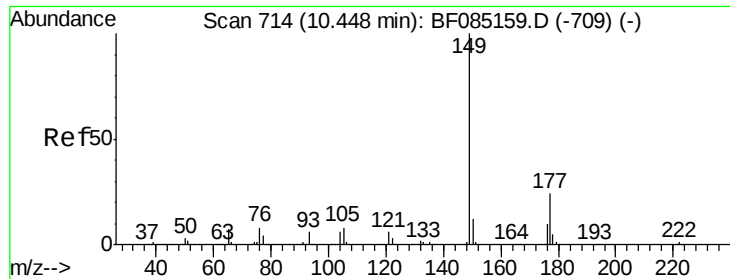
Delta R.T. -0.03 min

Lab File: BF085388.D

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Tgt Ion:	232	Resp:	227910
Ion Ratio		Lower	Upper
232	100		
131	52.7	46.0	69.0
130	2.6	2.2	3.4
166	33.1	28.8	43.2





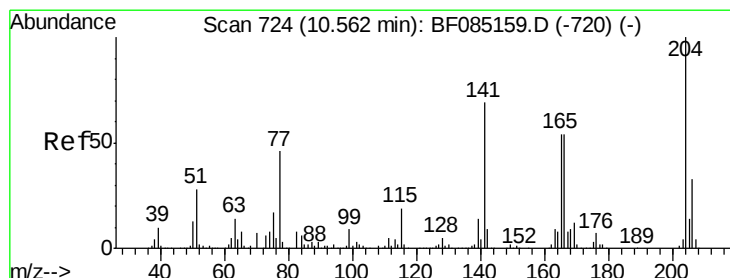
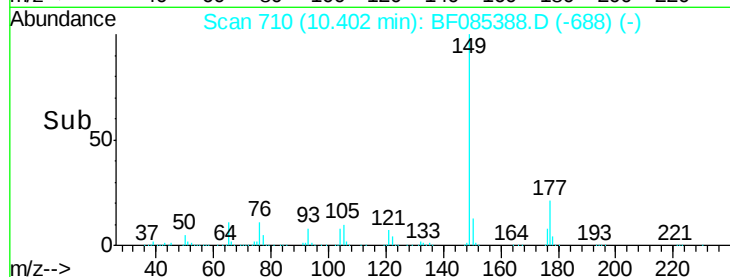
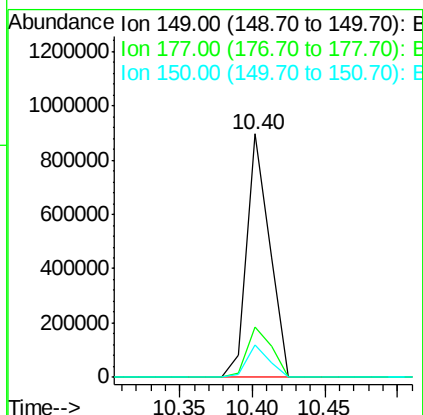
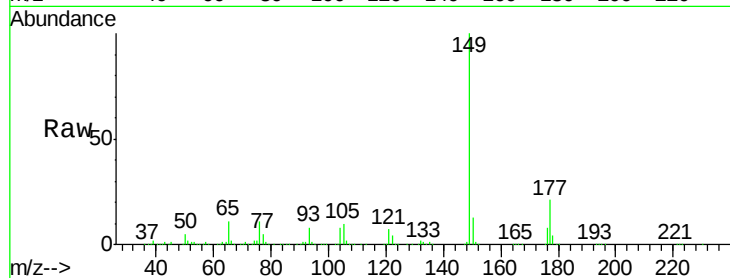
#59
Diethylphthalate
Concen: 51.31 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	976453		
177	20.8	19.2	28.8	
150	13.2	9.9	14.9	

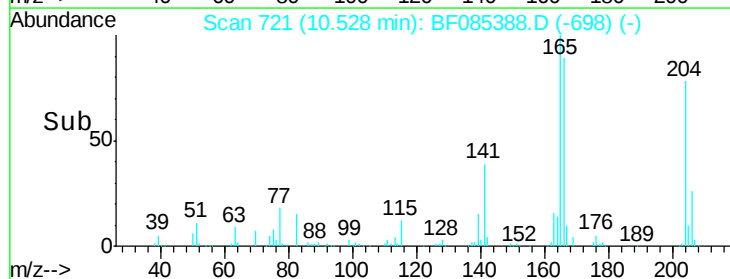
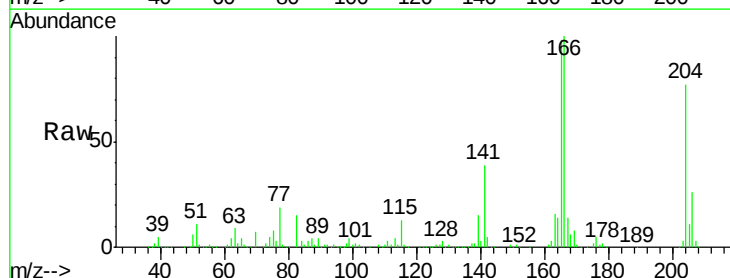
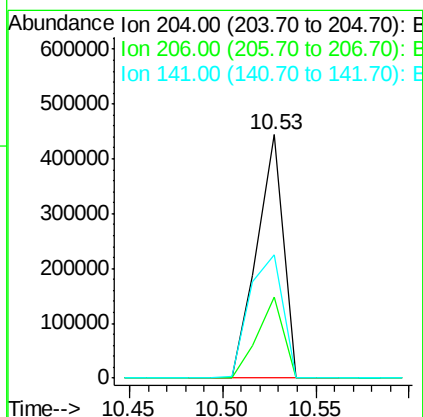
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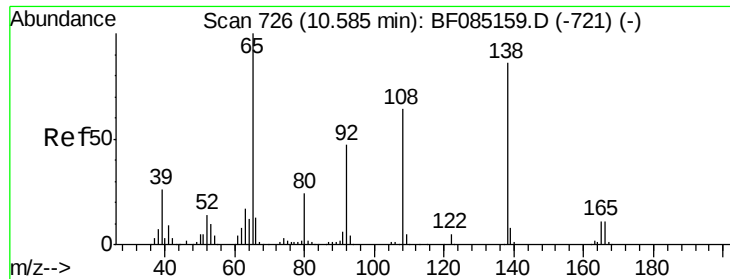
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#60
4-Chlorophenyl-phenylether
Concen: 55.35 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

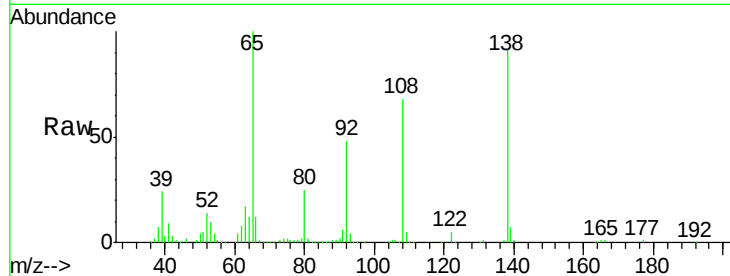
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	435827		
206	33.5	26.5	39.7	
141	50.7	55.4	83.2#	





#61
4-Nitroaniline
Concen: 46.31 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

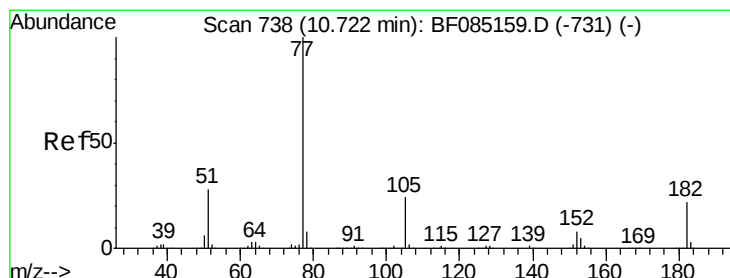
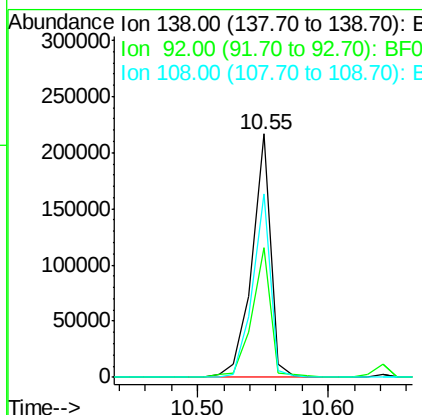
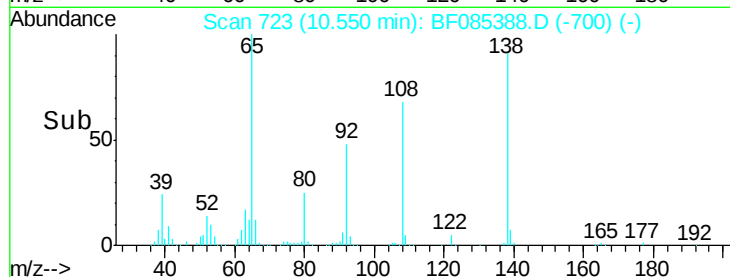
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217408		
92	53.1	34.2	74.2	
108	75.5	53.9	93.9	

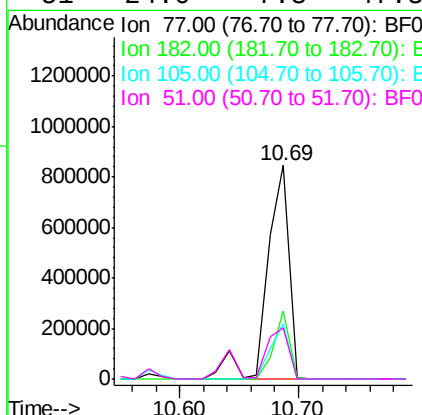
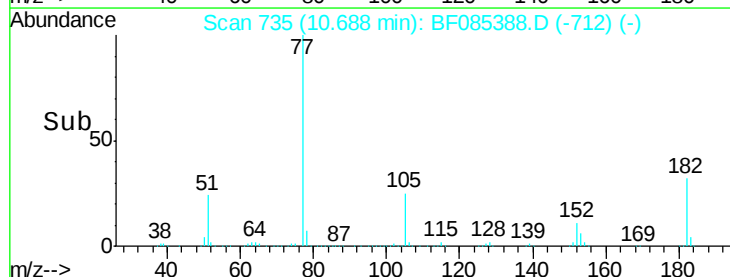
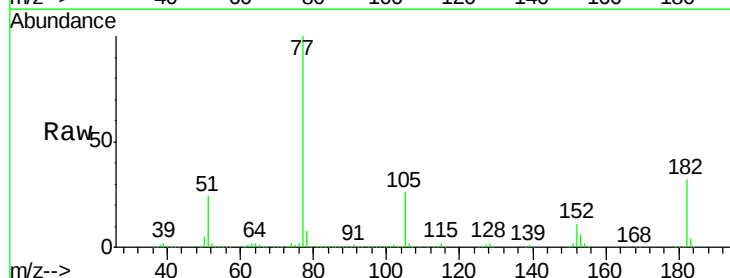
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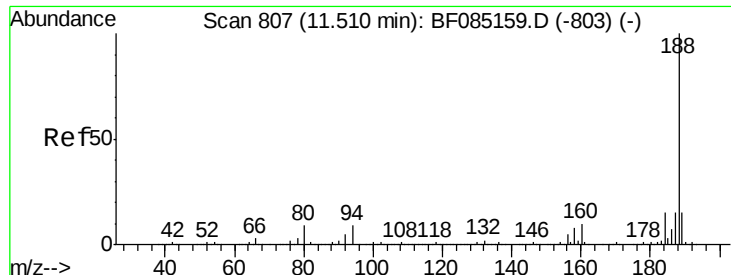
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#62
Azobenzene
Concen: 57.77 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1083229		
182	31.7	2.1	42.1	
105	25.7	3.8	43.8	
51	24.0	7.8	47.8	





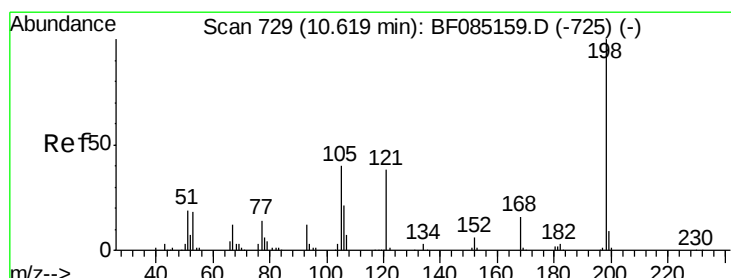
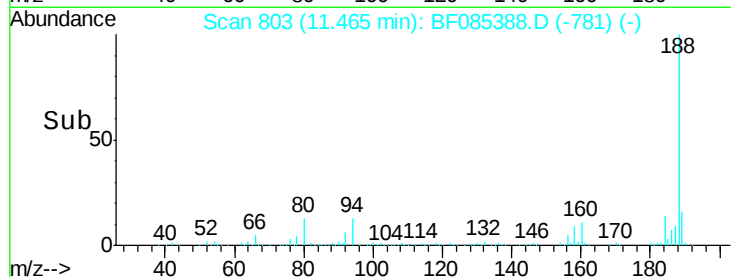
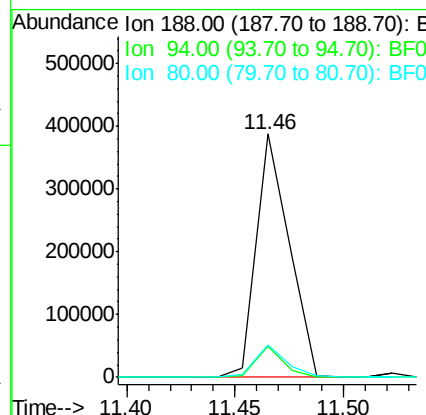
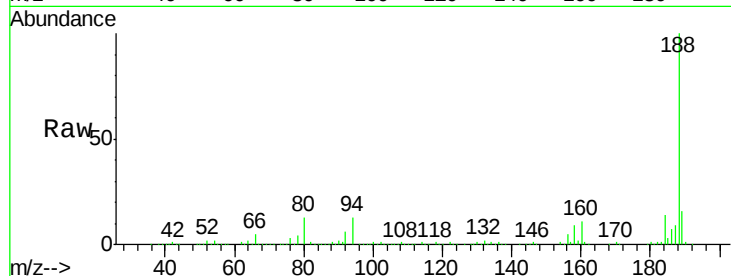
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.8	7.0	10.6#
80	13.5	7.4	11.0#

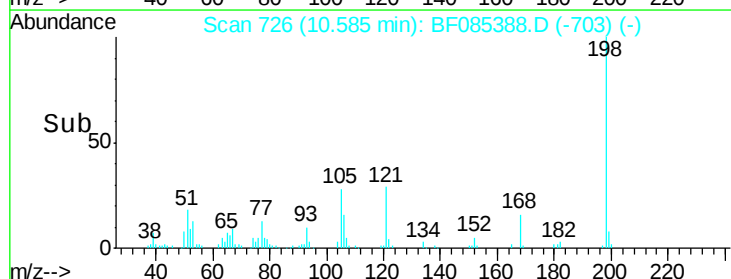
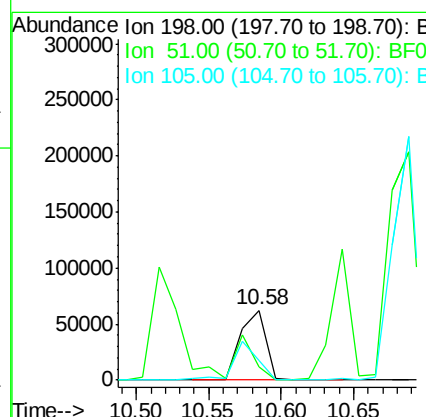
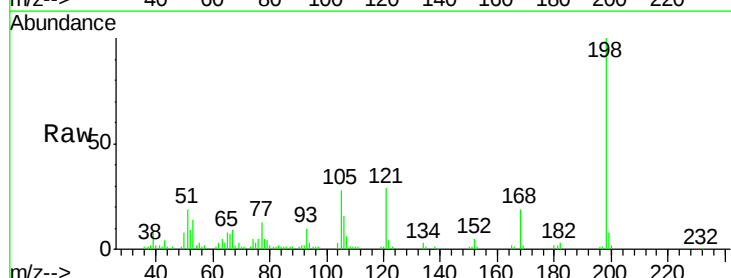
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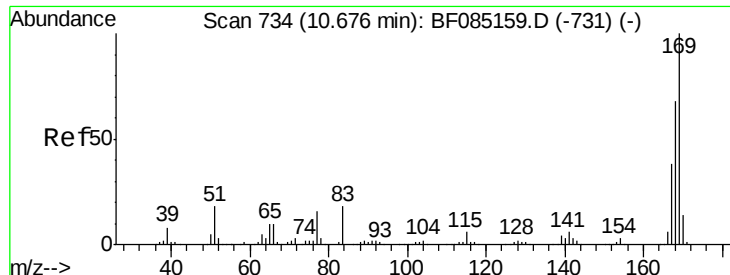
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.37 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	18.7	9.5	49.5
105	28.0	20.5	60.5





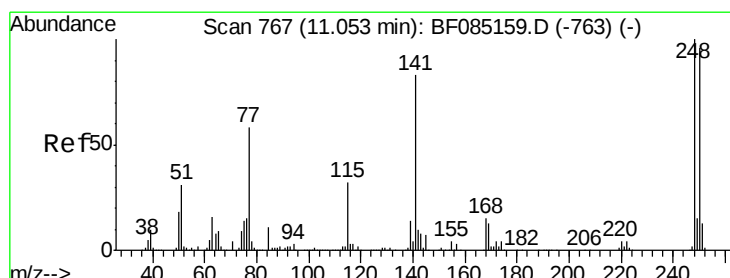
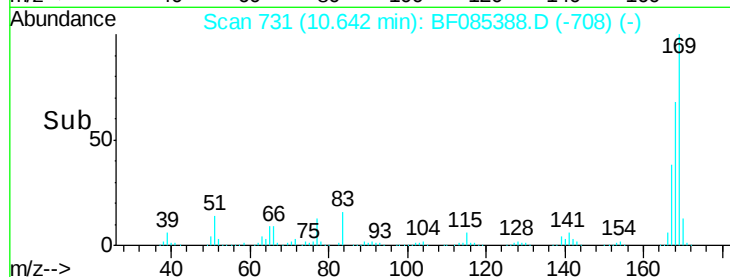
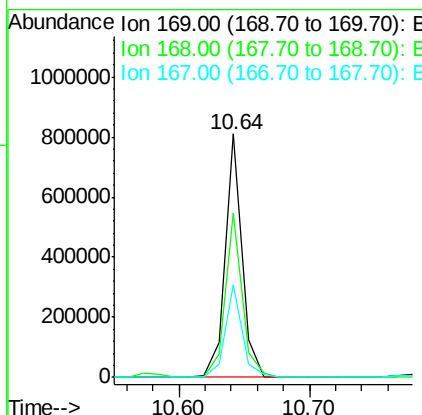
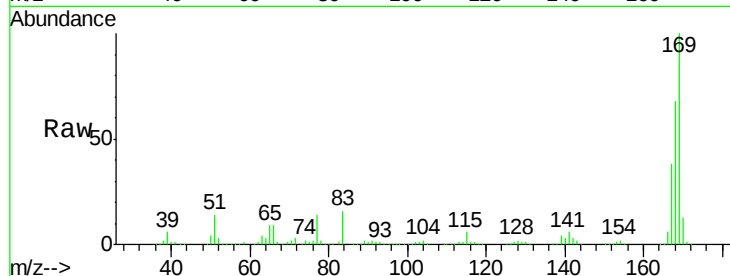
#65
n-Nitrosodiphenylamine
Concen: 56.87 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.6	54.8	82.2
167	37.9	30.3	45.5

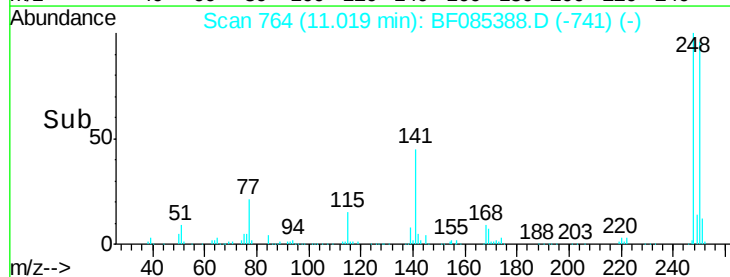
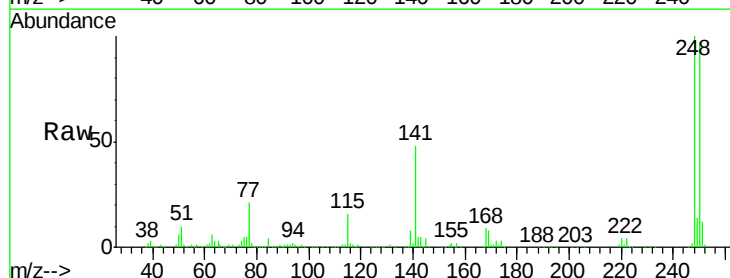
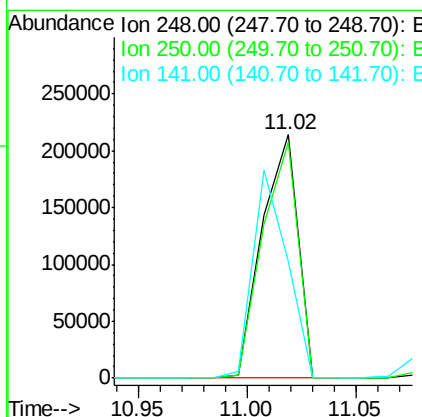
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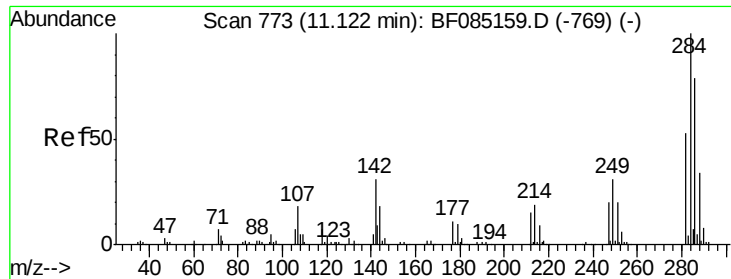
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#66
4-Bromophenyl-phenylether
Concen: 62.32 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.7	77.1	115.7
141	47.9	66.2	99.2#





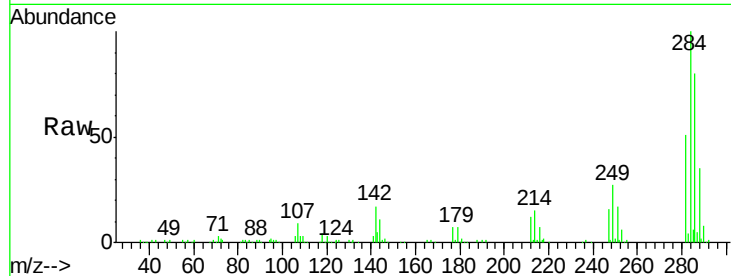
#67
Hexachlorobenzene
Concen: 56.26 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

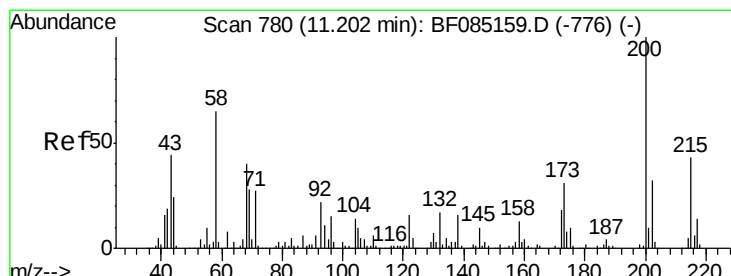
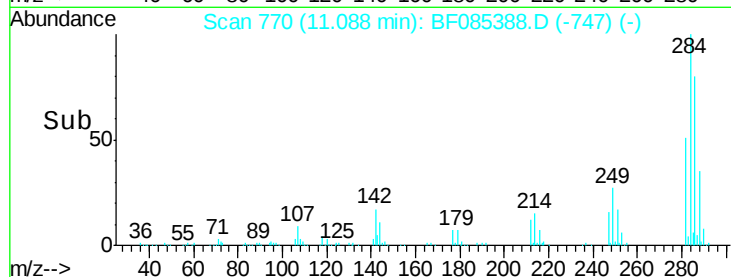
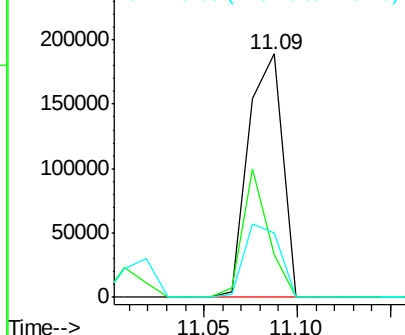
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	17.4	24.9	37.3#
249	26.6	25.0	37.4

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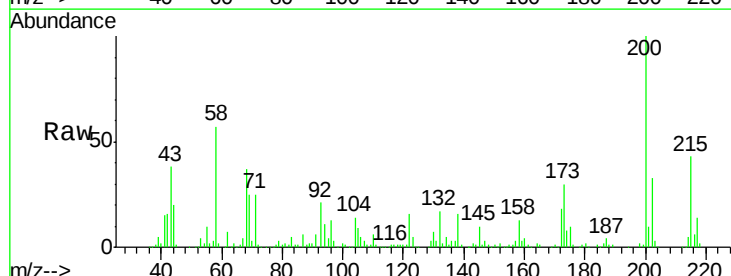


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

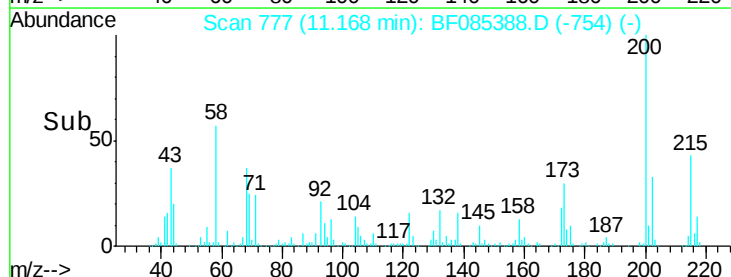
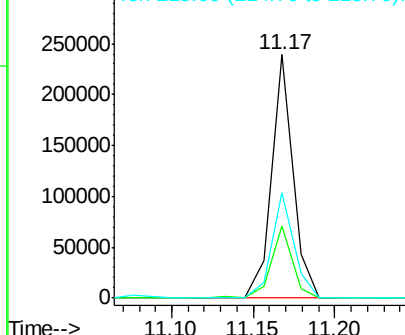


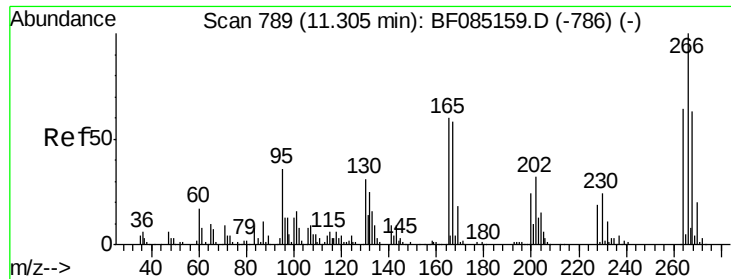
#68
Atrazine
Concen: 62.19 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	10.5	50.5
215	43.4	23.4	63.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





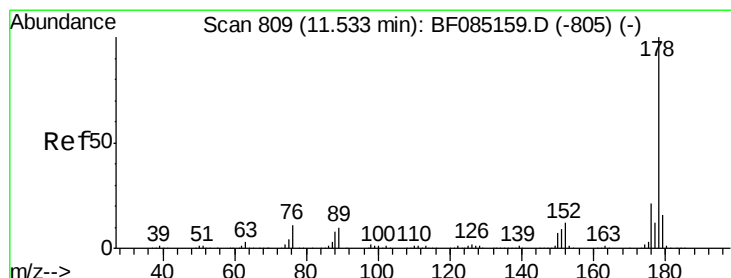
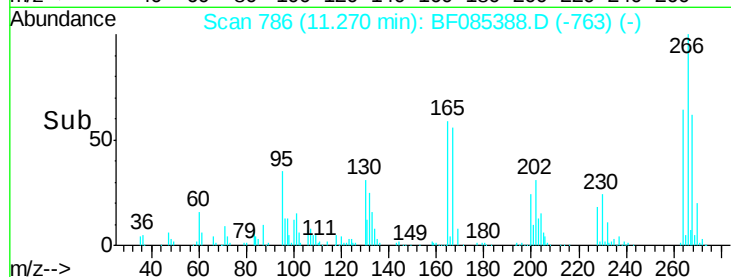
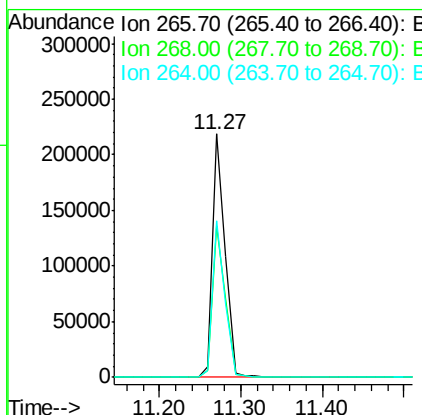
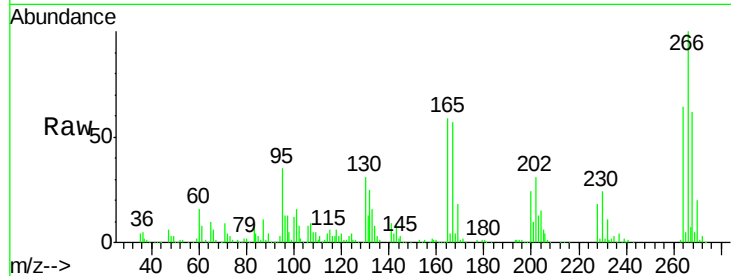
#69
 Pentachlorophenol
 Concen: 101.06 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	238156		
268	62.0	50.0	75.0	
264	64.5	51.4	77.2	

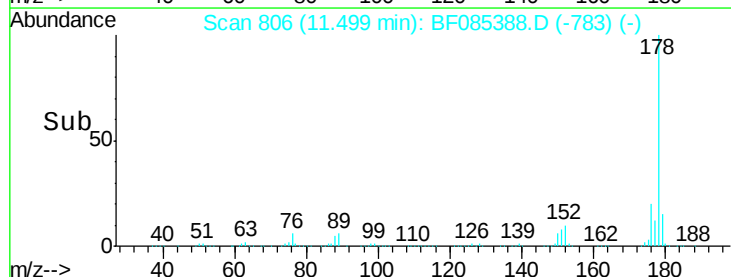
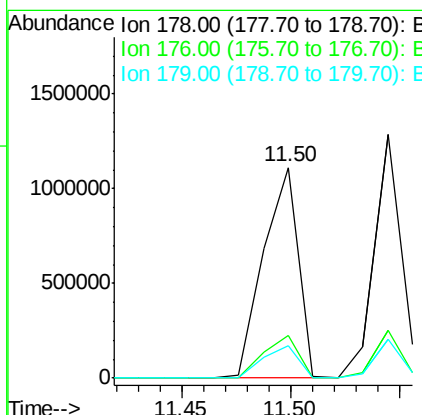
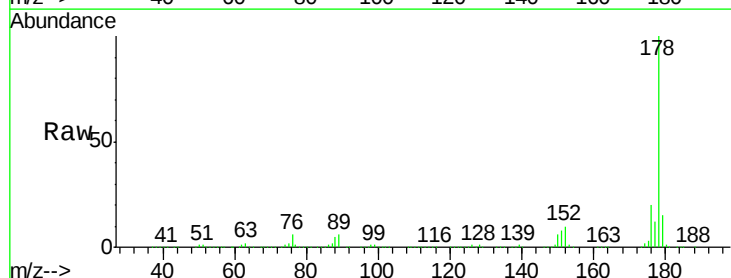
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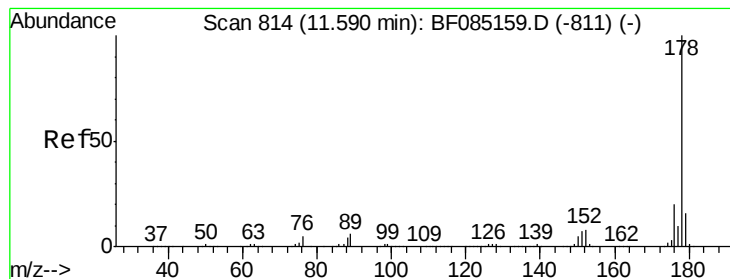
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#70
 Phenanthrene
 Concen: 58.13 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1248676		
176	20.0	16.8	25.2	
179	15.3	13.1	19.7	





#71

Anthracene

Concen: 49.09 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:178 Resp: 1119364

Ion Ratio Lower Upper

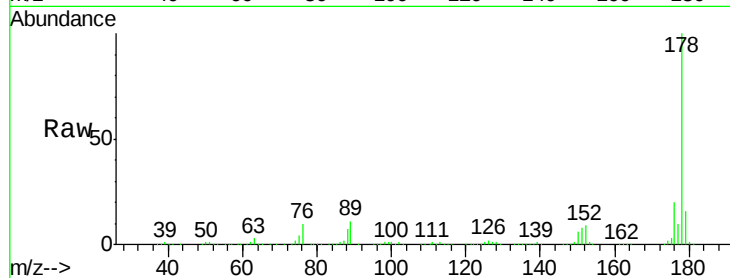
178 100

176 19.8 15.9 23.9

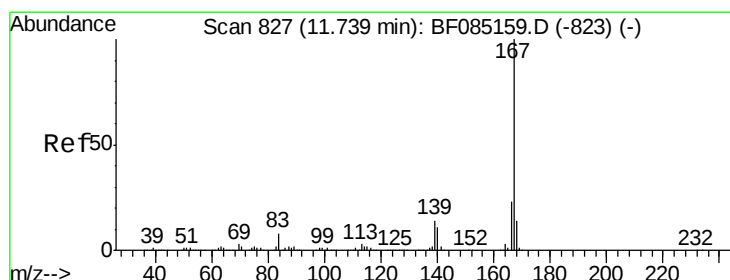
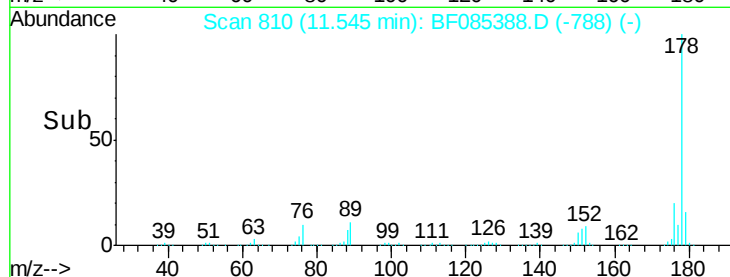
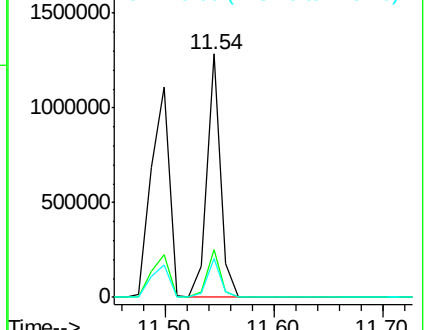
179 16.2 12.5 18.7

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



#72

Carbazole

Concen: 53.04 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

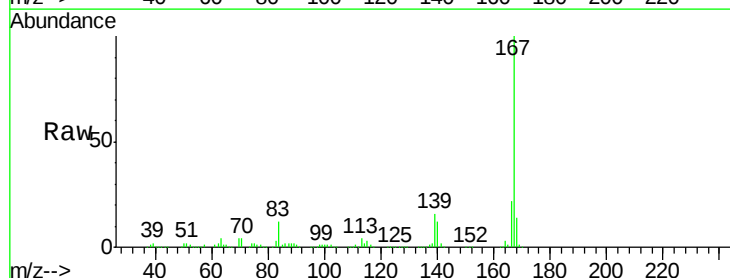
Tgt Ion:167 Resp: 1060416

Ion Ratio Lower Upper

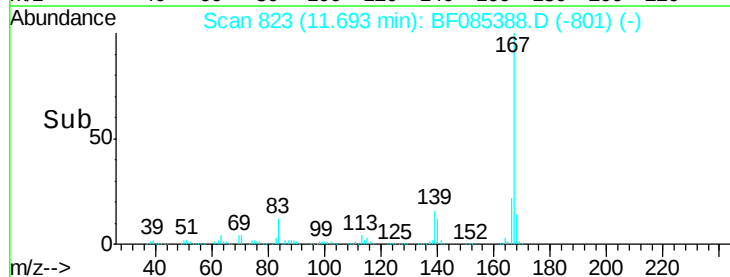
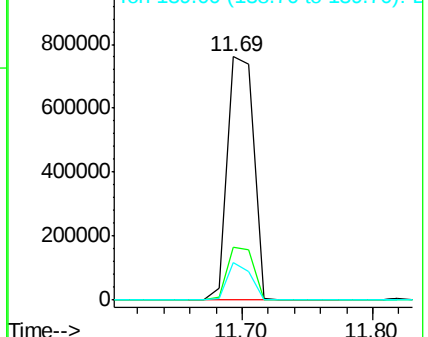
167 100

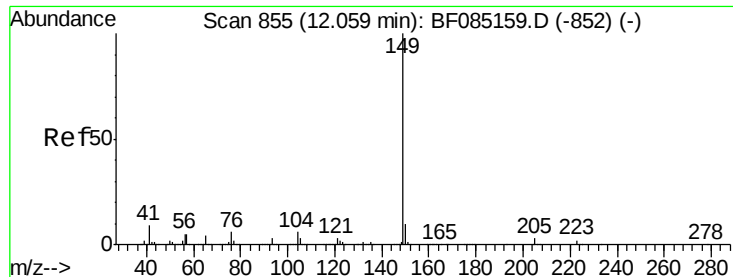
166 22.0 18.2 27.2

139 15.6 11.4 17.0



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





#73

Di-n-butylphthalate

Concen: 52.48 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:149 Resp: 1326312

Ion Ratio Lower Upper

149 100

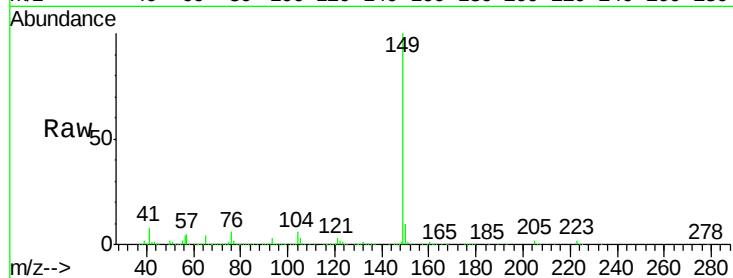
150 9.7 7.8 11.6

104 5.7 4.7 7.1

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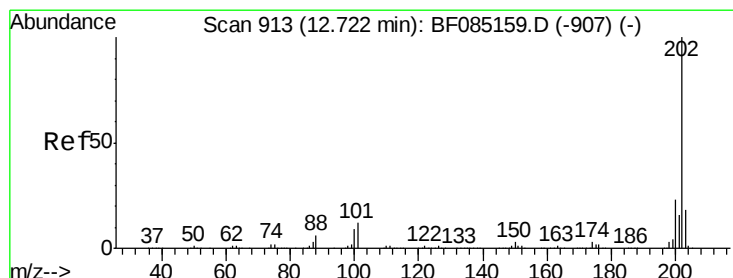
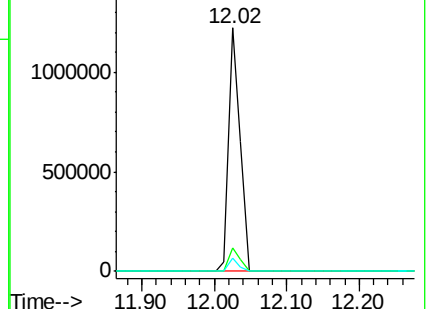
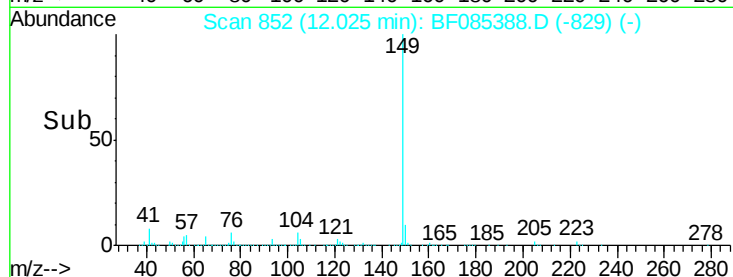
3/14/2016 10:45:38 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.15 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

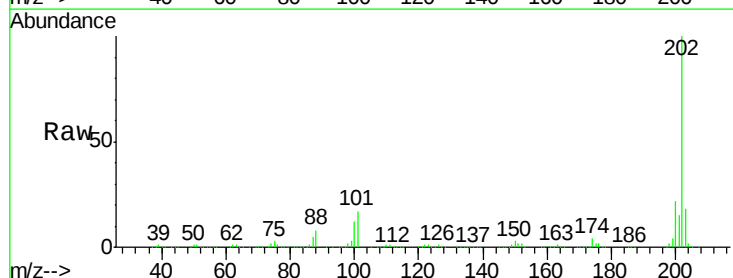
Tgt Ion:202 Resp: 994699

Ion Ratio Lower Upper

202 100

101 16.6 0.0 31.8

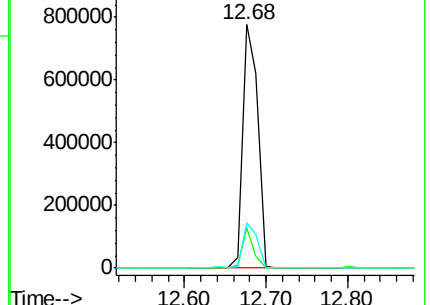
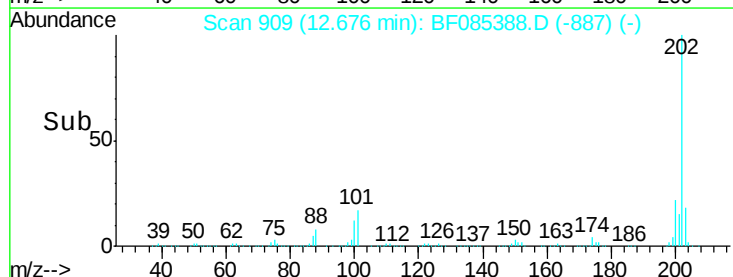
203 18.3 0.0 38.4

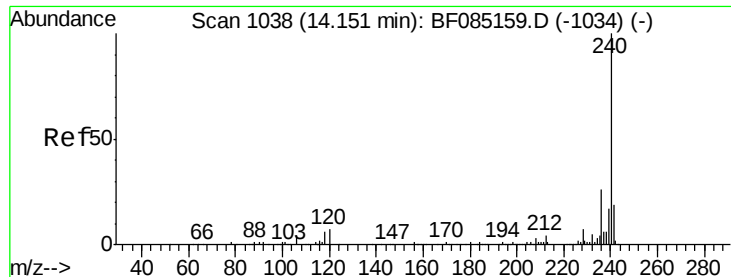


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

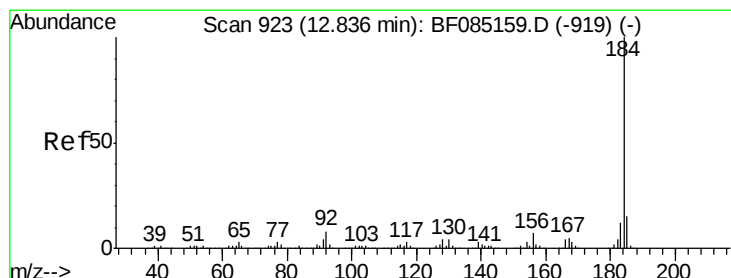
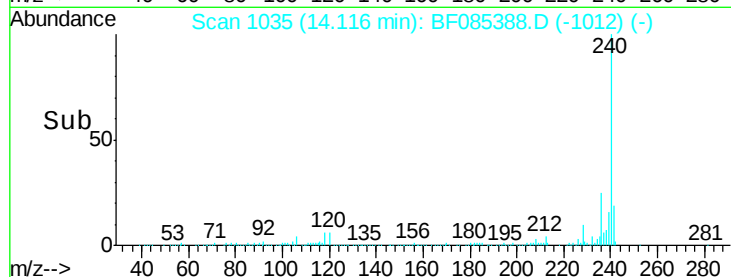
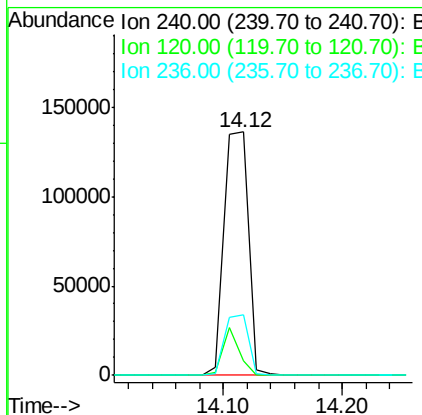
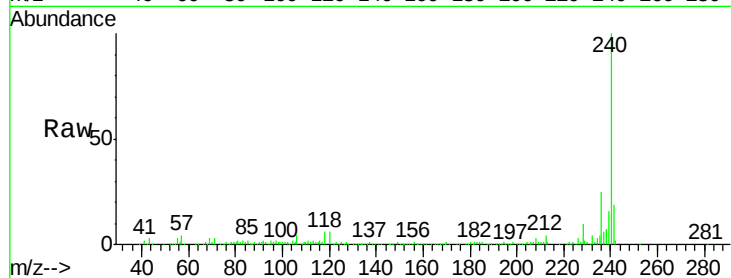
ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	192396		
120	6.1	5.3	7.9	
236	24.8	20.7	31.1	

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#76

Benzidine

Concen: 129.30 ng

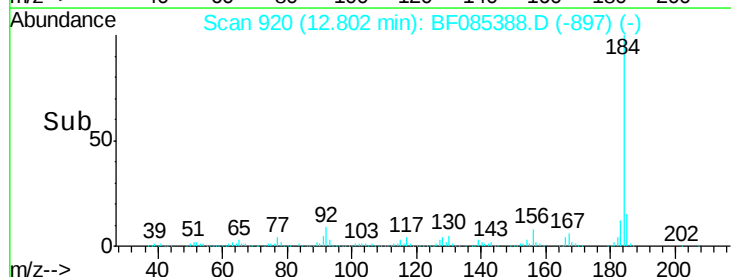
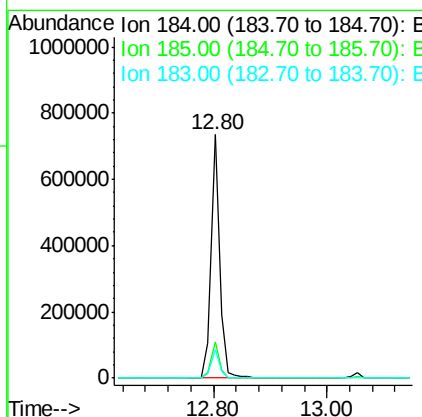
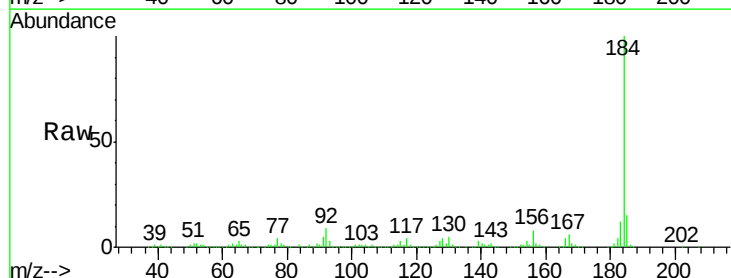
RT: 12.80 min Scan# 920

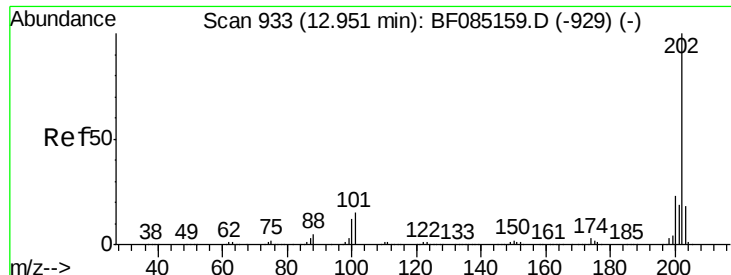
Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	740390		
185	14.7	12.4	18.6	
183	11.9	9.4	14.2	





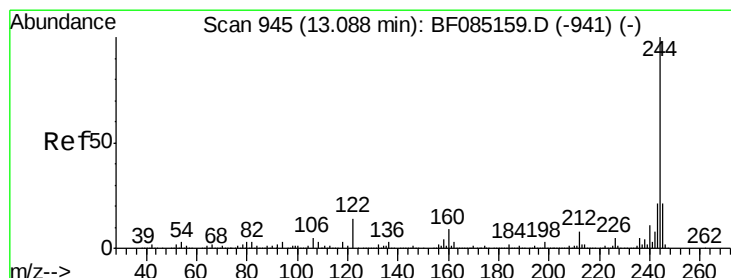
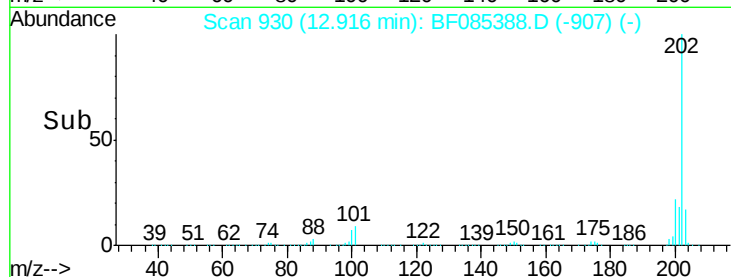
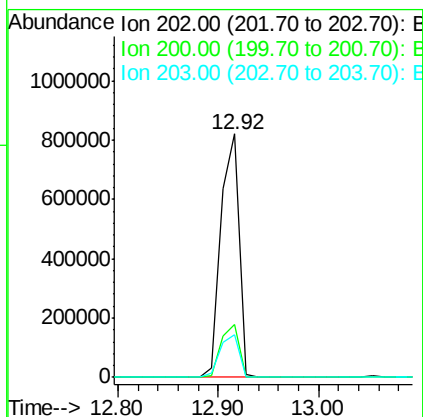
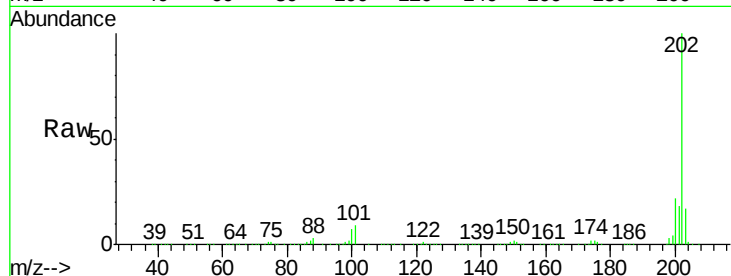
#77
 Pyrene
 Concen: 71.18 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.4
203	17.3	14.7	22.1

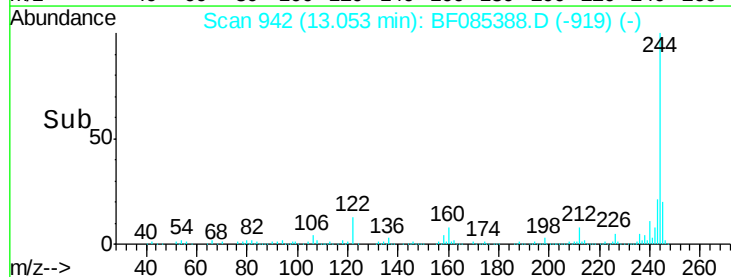
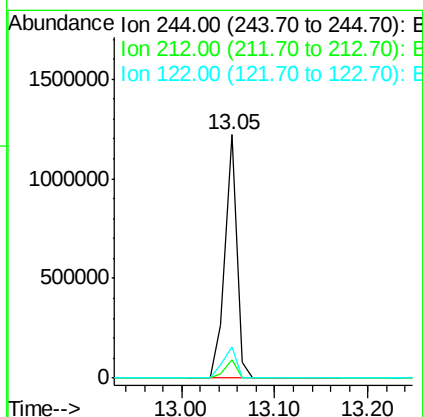
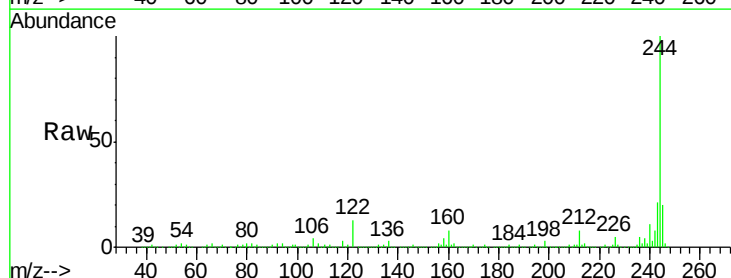
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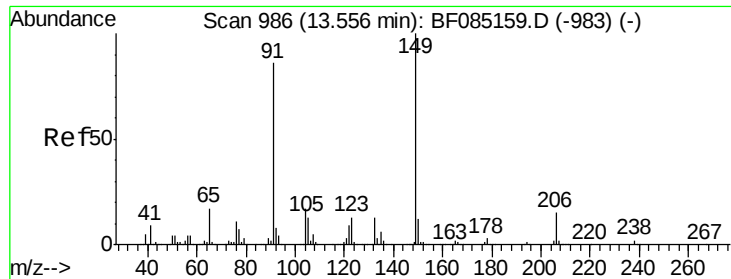
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#78
 Terphenyl-d14
 Concen: 130.43 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.6	11.4	17.2





#79

Butylbenzylphthalate

Concen: 52.52 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085388.D

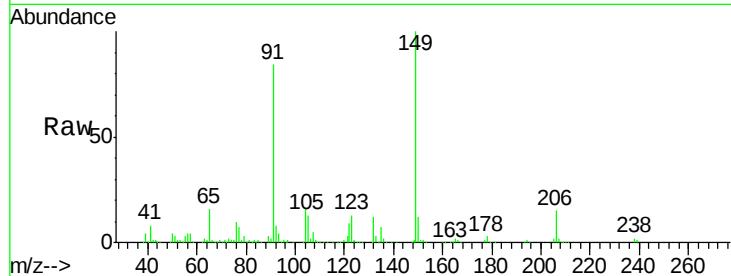
Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

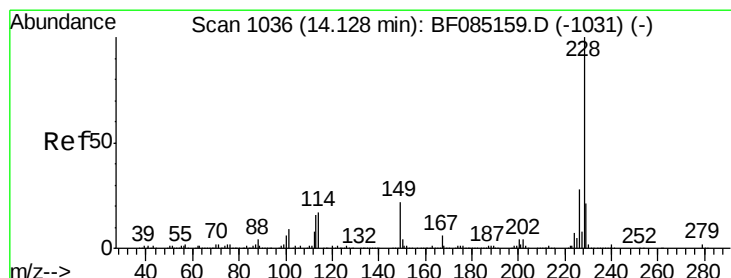
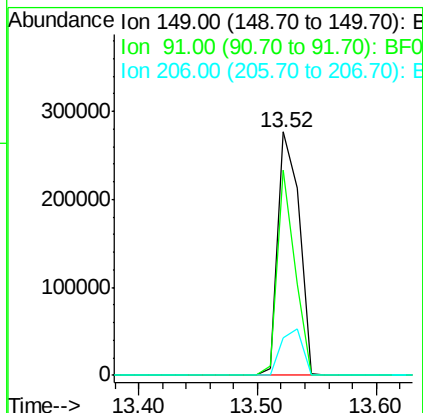
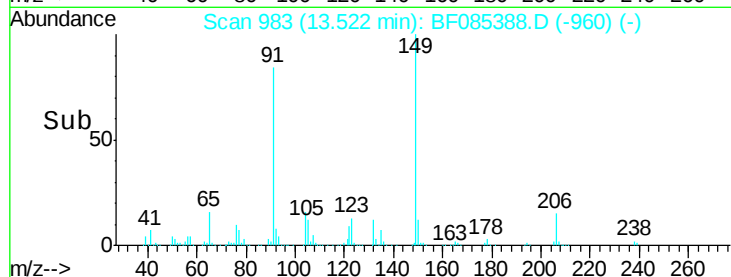
POST-EX-19-20160310MS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	345111		
91	84.2	69.0	103.4	
206	15.4	12.3	18.5	

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#80

Benzo(a)anthracene

Concen: 54.32 ng

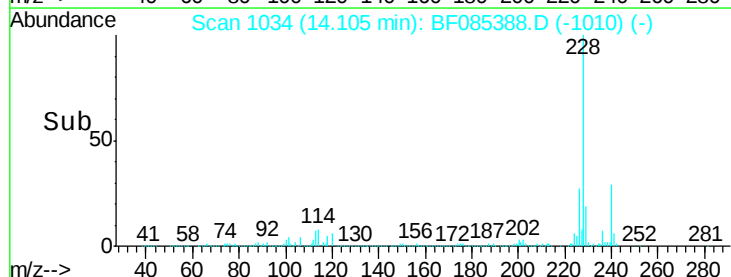
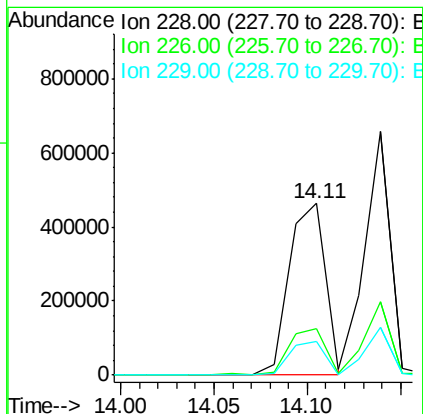
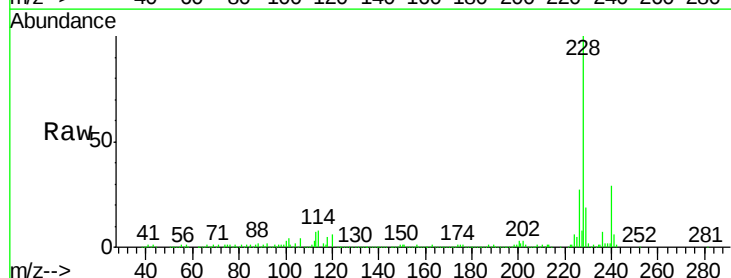
RT: 14.11 min Scan# 1034

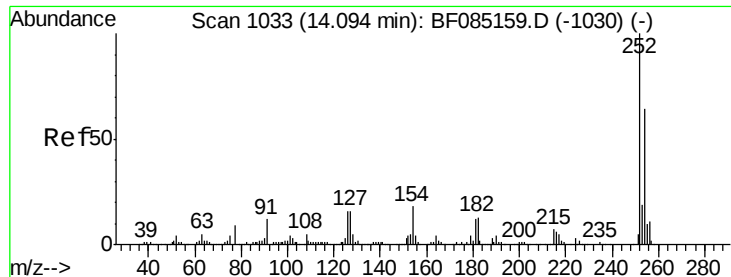
Delta R.T. -0.02 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	625655		
226	27.4	22.8	34.2	
229	19.3	16.6	24.8	





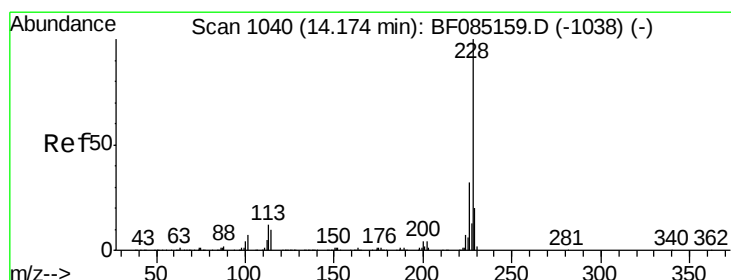
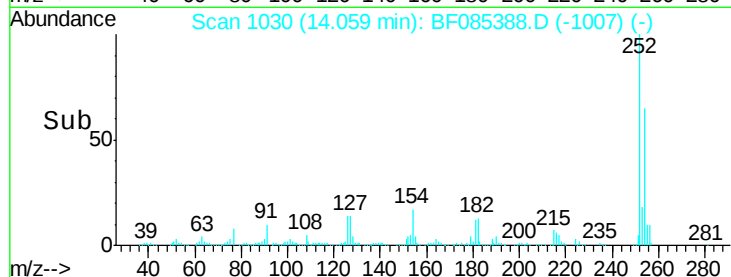
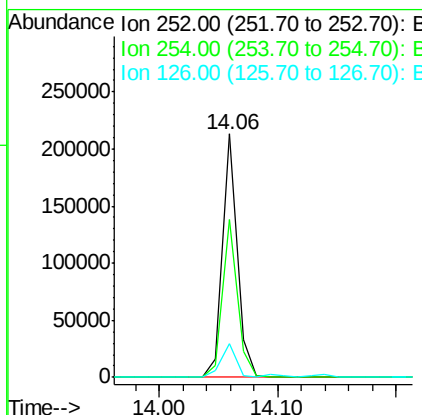
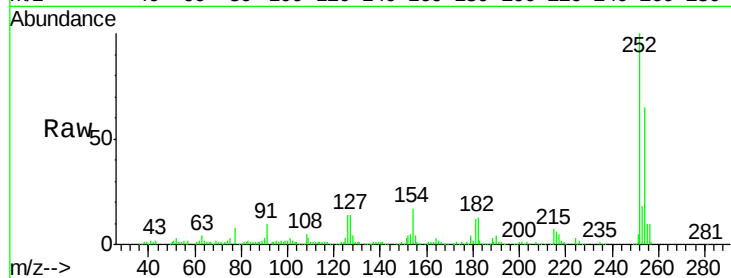
#81
 3,3'-Dichlorobenzidine
 Concen: 50.14 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	51.4	77.0
126	13.7	12.9	19.3

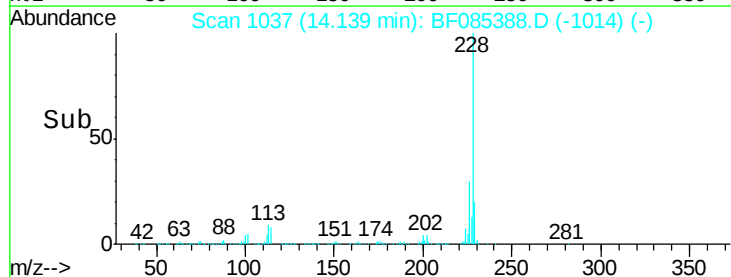
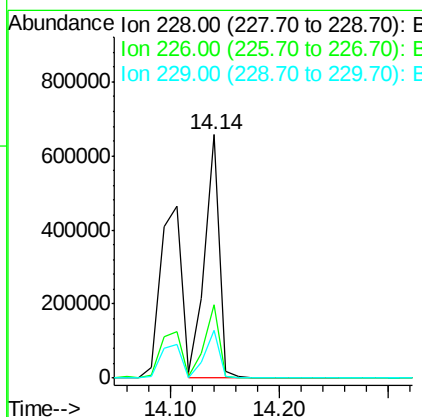
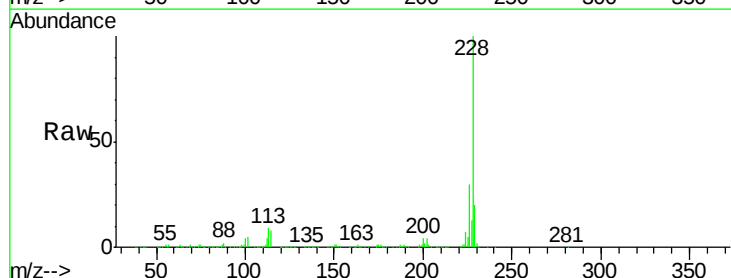
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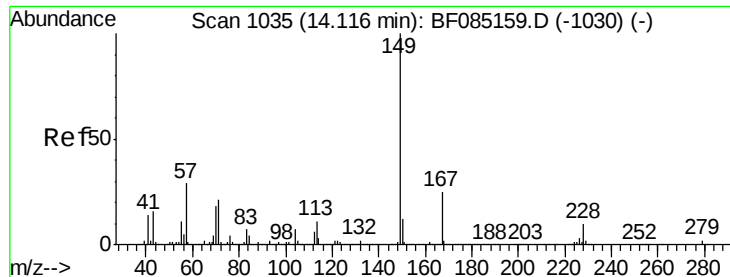
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#82
 Chrysene
 Concen: 57.94 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	25.2	37.8
229	19.6	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.14 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085388.D

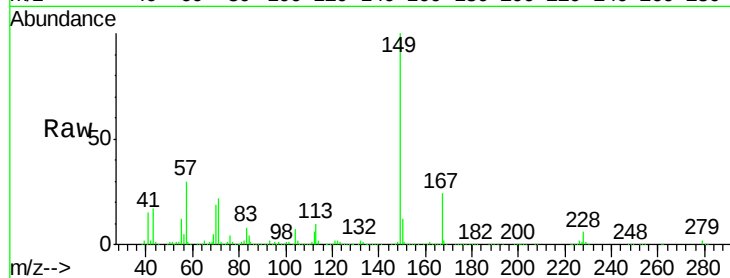
Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

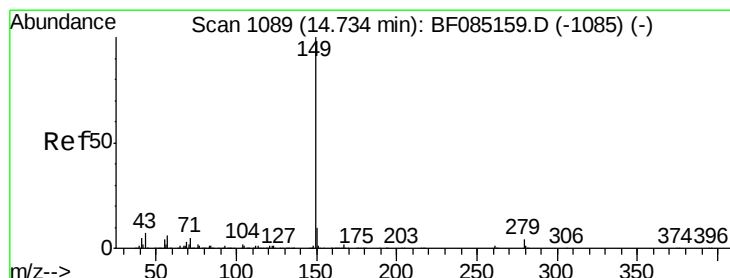
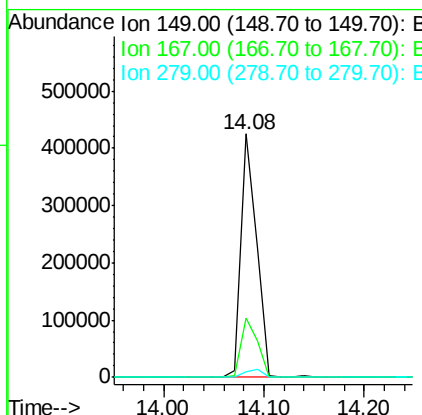
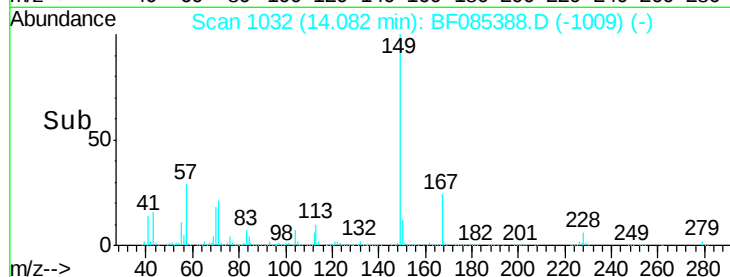
POST-EX-19-20160310MS



Tgt Ion:	149	Resp:	459446
Ion Ratio	Lower	Upper	
149	100		
167	24.4	20.3	30.5
279	2.0	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 60.17 ng

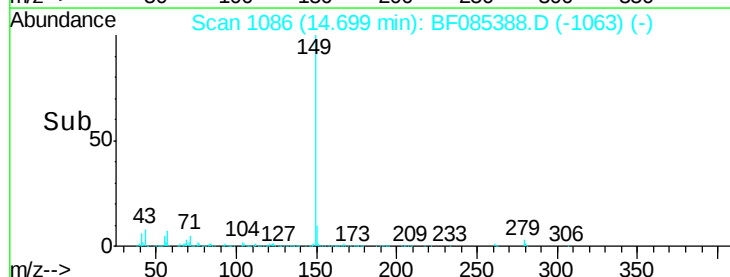
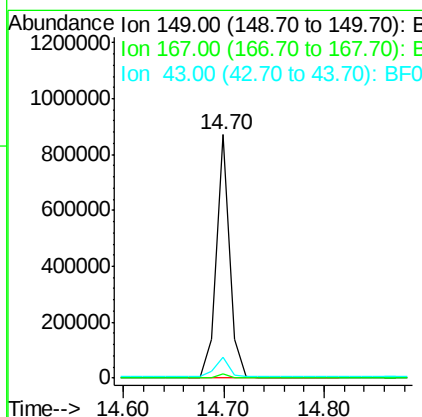
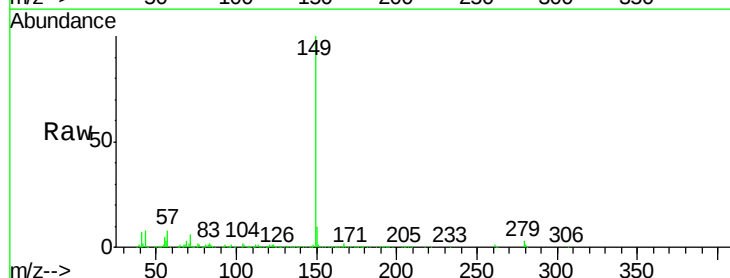
RT: 14.70 min Scan# 1086

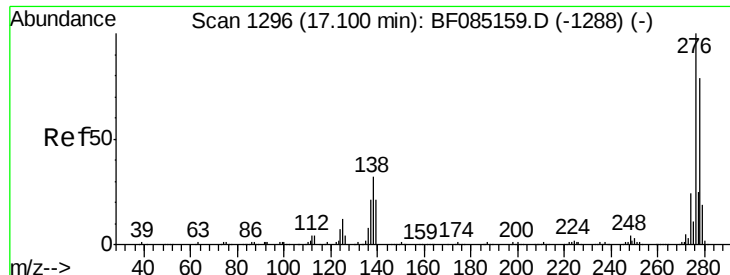
Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:	149	Resp:	792336
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	8.7	7.8	11.8





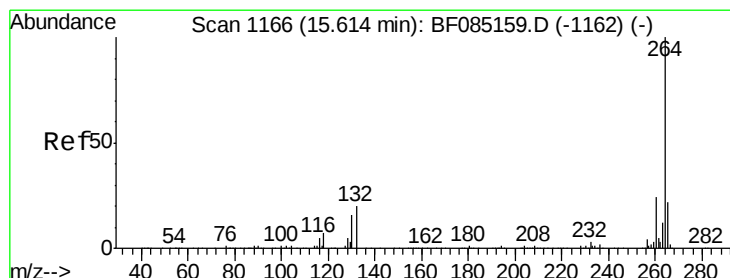
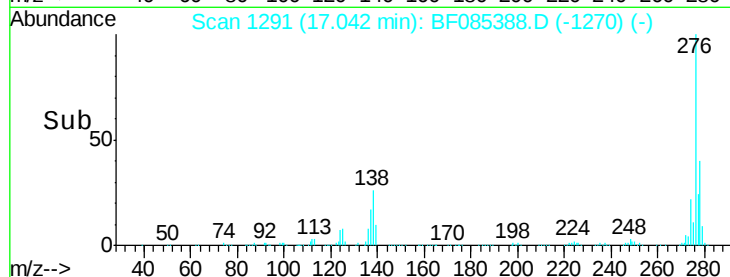
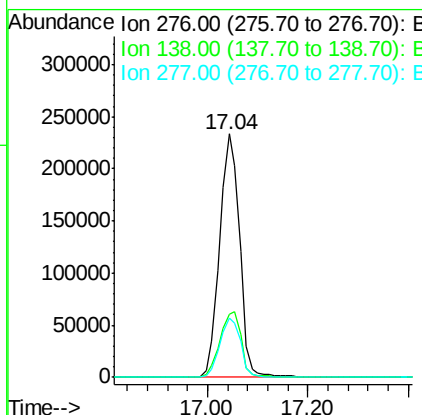
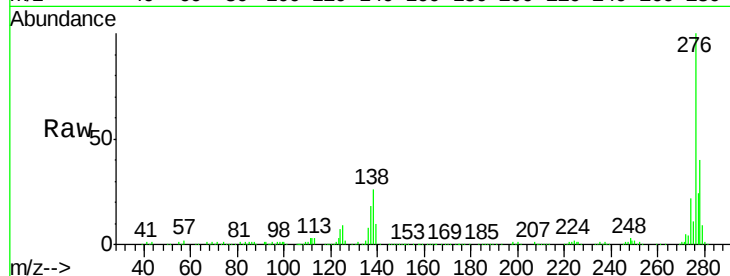
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.91 ng
 RT: 17.04 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	646913		
138	29.1	26.4	39.6	
277	25.4	20.2	30.2	

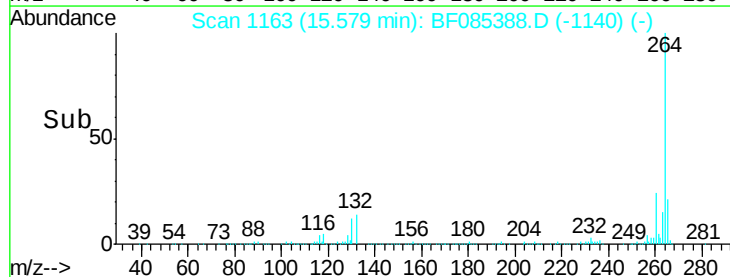
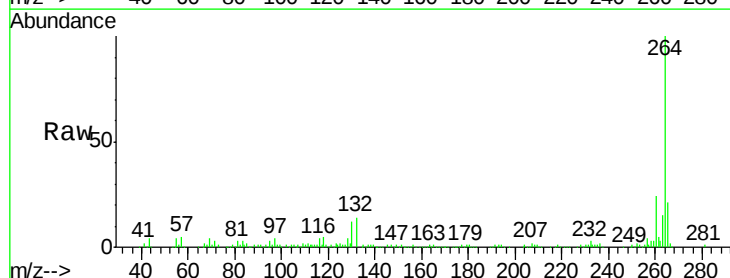
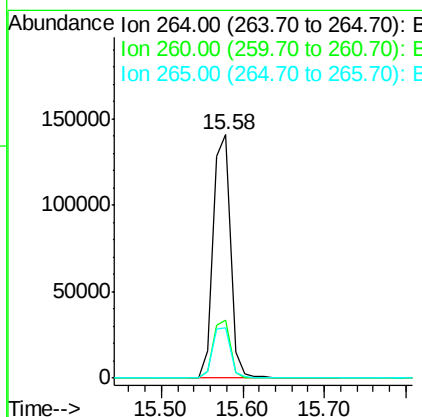
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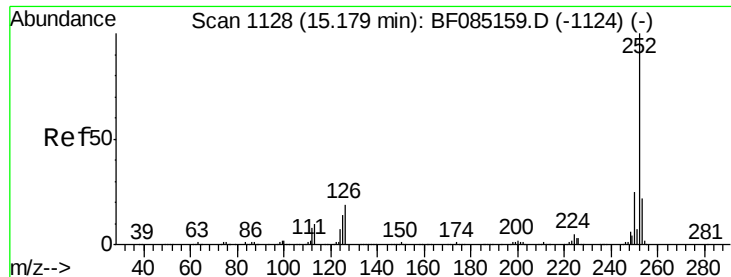
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	210682		
260	23.9	19.2	28.8	
265	20.8	17.3	25.9	





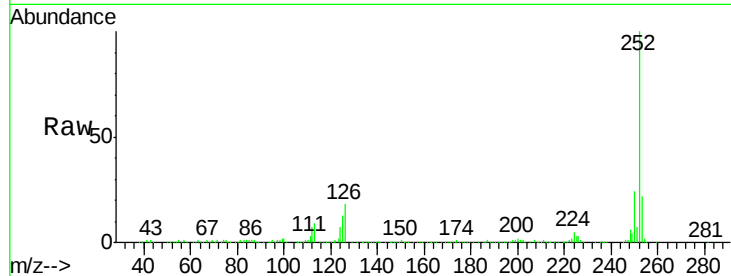
#87
Benzo(b)fluoranthene
Concen: 53.34 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

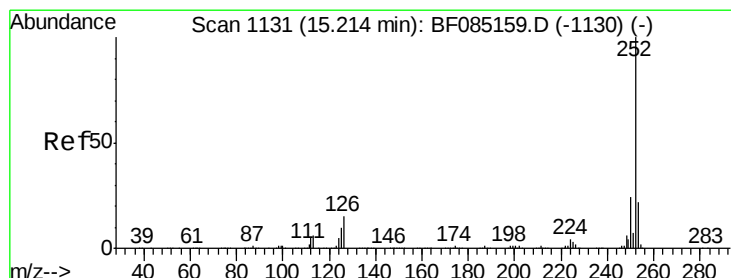
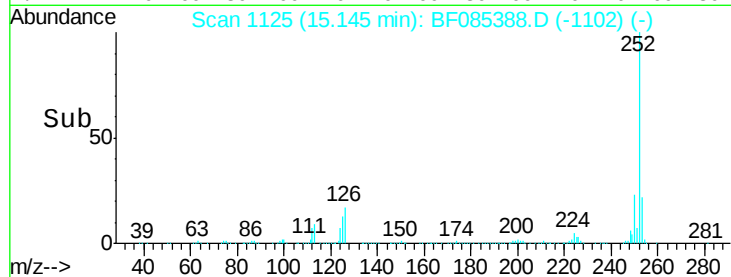
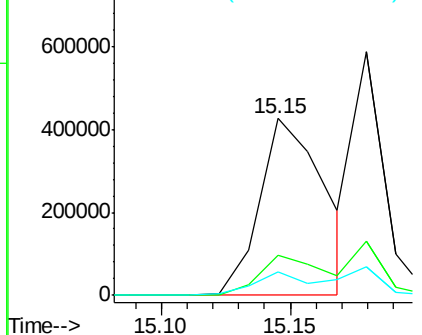
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.5	11.3	16.9

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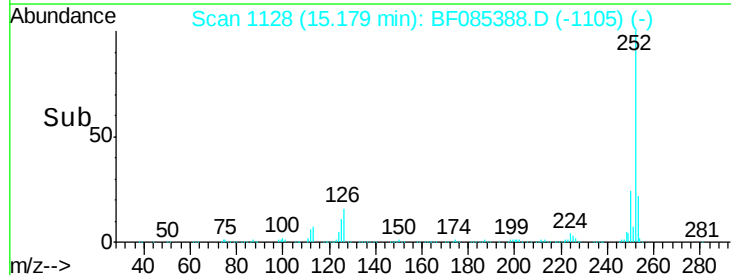
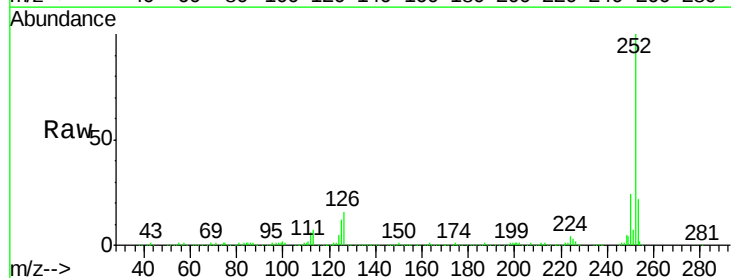
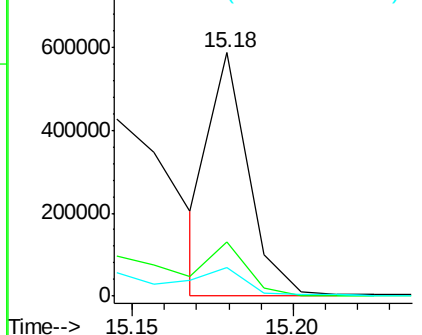
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

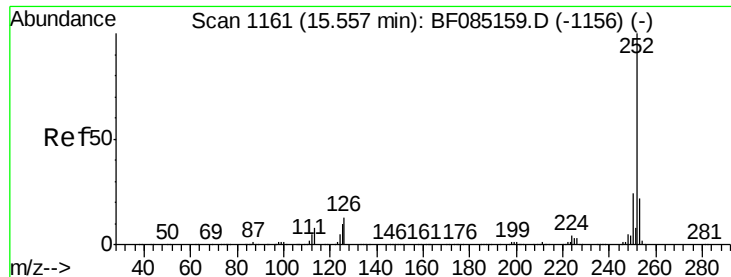


#88
Benzo(k)fluoranthene
Concen: 42.01 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.7	10.4	15.6

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





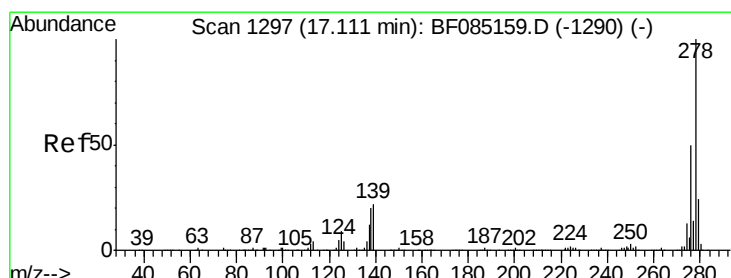
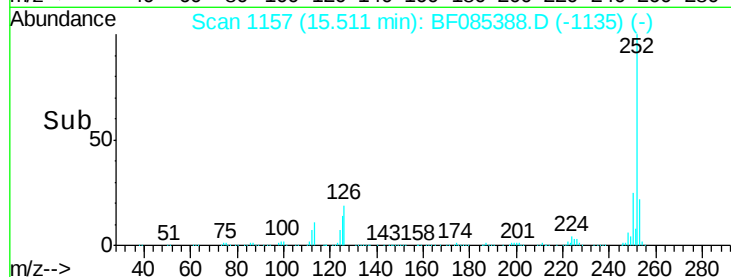
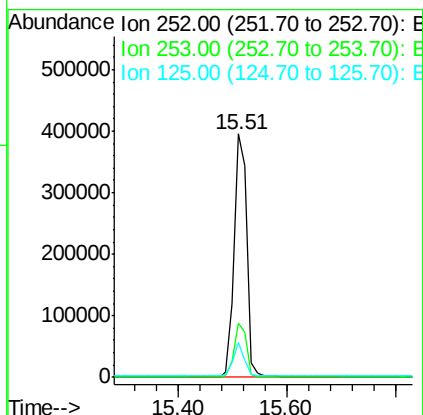
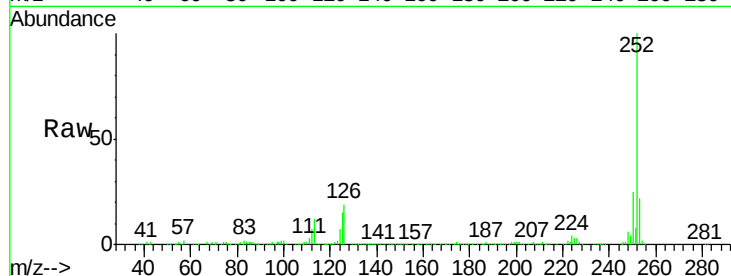
#89
Benzo(a)pyrene
Concen: 53.61 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.4	26.0
125	14.5	8.2	12.4

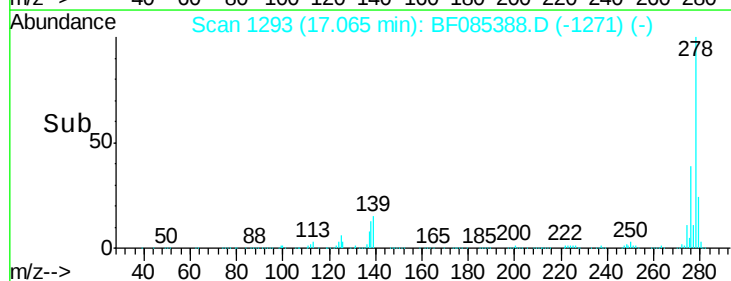
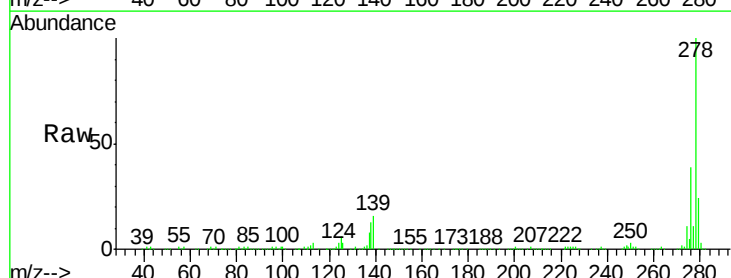
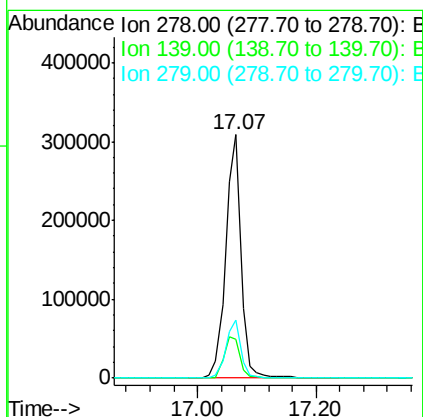
Manual Integrations
APPROVED

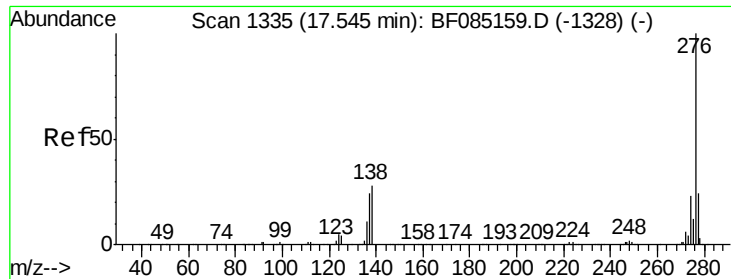
UMANGI
3/14/2016 10:45:38 AM



#90
Dibenzo(a,h)anthracene
Concen: 55.83 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.7	17.3	25.9
279	23.6	19.2	28.8





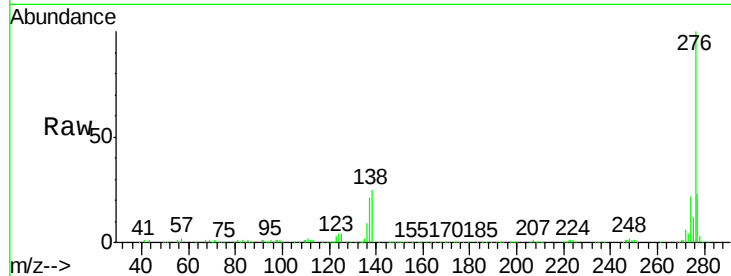
#91
 Benzo(g,h,i)perylene
 Concen: 51.37 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion:	276	Resp:	513055
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.0	28.4
138	24.7	22.5	33.7

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:45:38 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

