

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095133.D
 Acq On : 15 May 2017 19:15
 Operator : SJ/MA
 Sample : I3141-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01 002MSD

Manual Integrations
 APPROVED

mohammad
 5/17/2017 2:20:09 PM

Quant Time: May 16 14:10:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95563	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	380796	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	167383	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	272845	20.00	ng	0.05
75) Chrysene-d12	18.70	240	183698	20.00	ng	0.05
86) Perylene-d12	20.37	264	180778	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	795466	138.78	ng	0.08
7) Phenol-d6	7.33	99	918292	133.52	ng	0.05
23) Nitrobenzene-d5	8.68	82	507490	84.04	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	176795	128.97	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	975473	83.88	ng	0.04
78) Terphenyl-d14	17.35	244	641808	76.95	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	95313	33.91	ng	95
3) Pyridine	3.02	79	237914m	36.52	ng	
4) n-Nitrosodimethylamine	2.93	42	98580m	36.30	ng	
6) Aniline	7.30	93	326543	37.61	ng	96
8) 2-Chlorophenol	7.48	128	295266	45.26	ng	95
9) Benzaldehyde	7.11	77	120616	28.72	ng	98
10) Phenol	7.35	94	330338	45.58	ng	88
11) bis(2-Chloroethyl)ether	7.42	93	265565	44.39	ng	96
12) 1,3-Dichlorobenzene	7.69	146	311571	42.10	ng	98
13) 1,4-Dichlorobenzene	7.81	146	321598	42.85	ng	97
14) 1,2-Dichlorobenzene	8.04	146	303533	43.33	ng	96
15) Benzyl Alcohol	8.07	79	232190	52.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	353183	41.71	ng	66
17) 2-Methylphenol	8.27	107	235544	44.12	ng	# 87
18) Hexachloroethane	8.56	117	95423	37.53	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	205979	44.28	ng	96
20) 3+4-Methylphenols	8.53	107	305064	42.05	ng	# 57
22) Acetophenone	8.45	105	410735	44.96	ng	# 84
24) Nitrobenzene	8.71	77	257115	40.62	ng	92
25) Isophorone	9.11	82	501639	46.52	ng	# 94
26) 2-Nitrophenol	9.22	139	158469	46.40	ng	97
27) 2,4-Dimethylphenol	9.35	122	254645	46.11	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	338269	45.35	ng	99
29) 2,4-Dichlorophenol	9.64	162	229006	43.92	ng	99
30) 1,2,4-Trichlorobenzene	9.72	180	245290	43.91	ng	99
31) Naphthalene	9.83	128	806526	42.14	ng	100
32) Benzoic acid	9.64	122	102904	30.46	ng	95
33) 4-Chloroaniline	9.98	127	120850	16.94	ng	# 93
34) Hexachlorobutadiene	10.04	225	119958	40.70	ng	97
35) Caprolactam	10.60	113	64803m	41.39	ng	
36) 4-Chloro-3-methylphenol	10.82	107	219887	39.44	ng	90
37) 2-Methylnaphthalene	10.95	142	492773	39.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	203084	39.45	ng	99
40) Hexachlorocyclopentadiene	11.21	237	77607	39.20	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	156843	45.64	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	142269	38.51	nq	# 91
45) 1,1'-Biphenyl	11.72	154	599733	42.56	nq	98
46) 2-Chloronaphthalene	11.74	162	479376	42.13	nq	95
47) 2-Nitroaniline	11.95	65	136030	43.68	nq	# 84
48) Acenaphthylene	12.40	152	781820	43.86	nq	99
49) Dimethylphthalate	12.27	163	725898	52.83	nq	99
50) 2,6-Dinitrotoluene	12.37	165	130988	46.73	nq	97
51) Acenaphthene	12.68	154	459897	43.20	nq	98
52) 3-Nitroaniline	12.64	138	79369	26.38	nq	92
53) 2,4-Dinitrophenol	12.85	184	46620	34.08	nq	# 64
54) Dibenzofuran	12.97	168	697457	47.34	nq	98
55) 4-Nitrophenol	13.02	139	141447	78.27	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	170247	47.26	nq	# 91
57) Fluorene	13.52	166	539023	42.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	117732	50.64	nq	# 91
59) Diethylphthalate	13.42	149	560306	42.54	nq	99
60) 4-Chlorophenyl-phenylether	13.55	204	243690	43.29	nq	89
61) 4-Nitroaniline	13.64	138	80868	29.28	nq	97
62) Azobenzene	13.81	77	479737	45.33	nq	92
64) 4,6-Dinitro-2-methylphenol	13.70	198	34721	18.98	nq	# 67
65) n-Nitrosodiphenylamine	13.75	169	431952	43.62	nq	99
66) 4-Bromophenyl-phenylether	14.34	248	131561	45.64	nq	95
67) Hexachlorobenzene	14.42	284	125337	42.43	nq	# 85
68) Atrazine	14.67	200	134667	48.17	nq	96
69) Pentachlorophenol	14.77	266	95848	72.36	nq	96
70) Phenanthrene	15.07	178	679698	43.36	nq	97
71) Anthracene	15.15	178	626856	39.15	nq	99
72) Carbazole	15.43	167	633627	43.49	nq	97
73) Di-n-butylphthalate	15.99	149	840008	46.23	nq	98
74) Fluoranthene	16.81	202	610566	37.97	nq	99
76) Benzidine	17.03	184	175248	37.02	nq	# 94
77) Pyrene	17.11	202	602270	43.84	nq	98
79) Butylbenzylphthalate	18.01	149	280462	43.89	nq	88
80) Benzo(a)anthracene	18.69	228	449622	42.06	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	147095	39.84	nq	# 95
82) Chrysene	18.73	228	444957	43.04	nq	97
83) Bis(2-ethylhexyl)phthalate	18.75	149	399791	43.91	nq	# 98
84) Di-n-octyl phthalate	19.52	149	575838	38.58	nq	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	435996	51.93	nq	100
87) Benzo(b)fluoranthene	19.97	252	414131	37.07	nq	98
88) Benzo(k)fluoranthene	19.99	252	439635	40.80	nq	# 94
89) Benzo(a)pyrene	20.31	252	448007	43.46	nq	98
90) Dibenzo(a,h)anthracene	21.71	278	355962	41.81	nq	97
91) Benzo(g,h,i)perylene	22.09	276	351158	42.04	nq	98

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

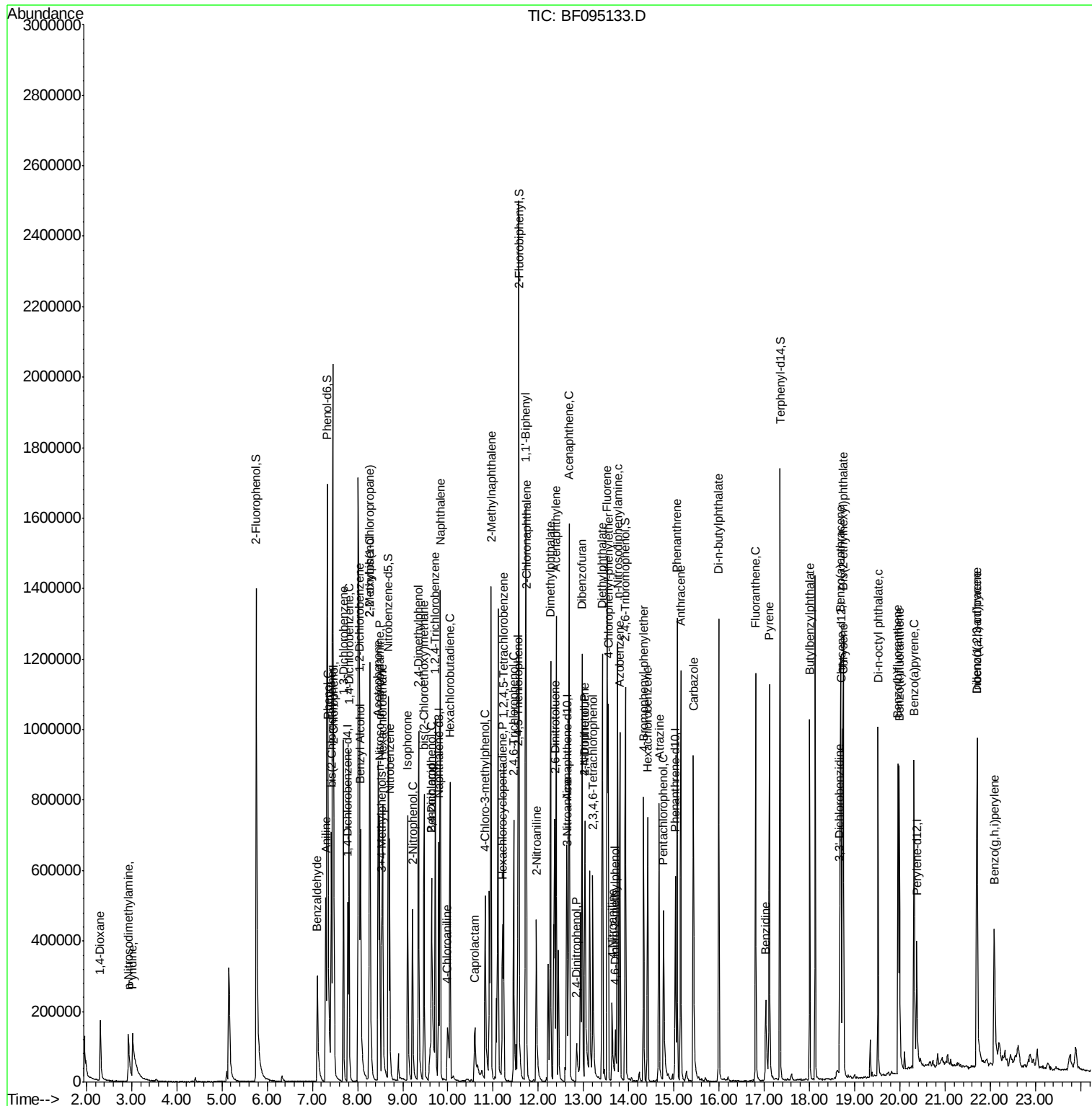
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095133.D
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Operator  : SJ/MA
Sample    : I3141-01MSD
Misc      :
ALS Vial  : 11      Sample Multiplier: 1
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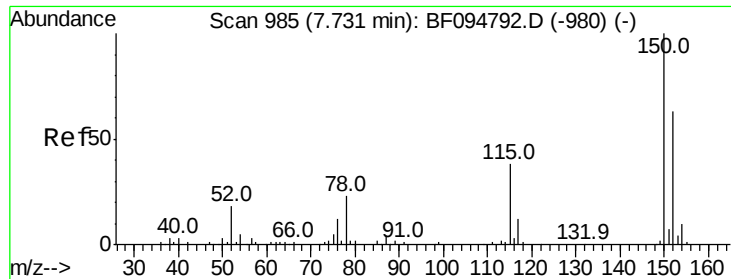
Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

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#1

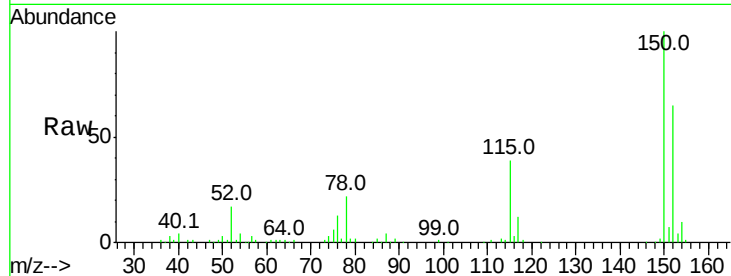
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	59.1	52.2	78.2

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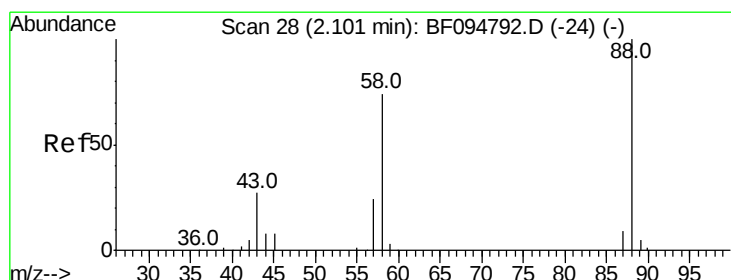
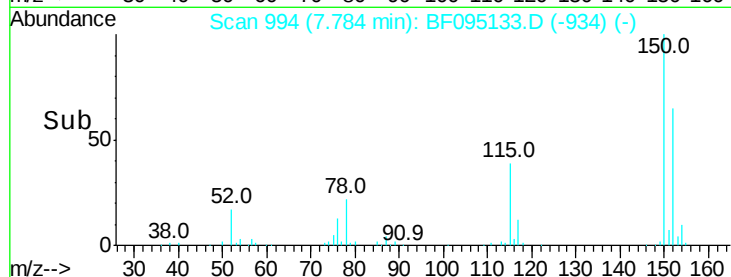
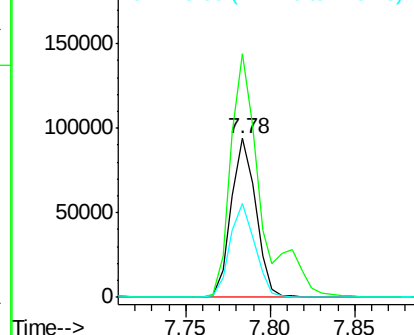


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

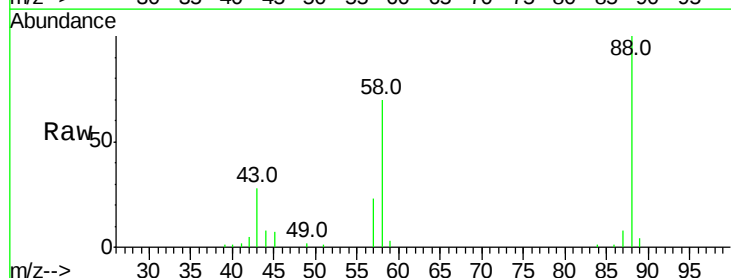
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.91 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.21 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	61.4	92.0
43	26.9	23.4	35.0

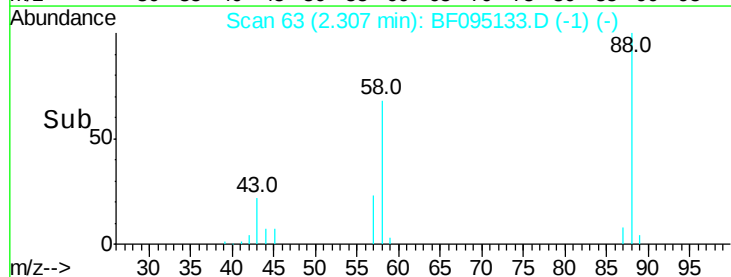
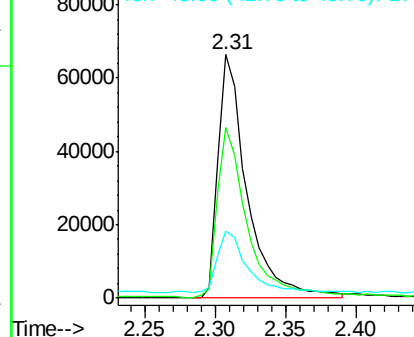


Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.52 ng m

RT: 3.02 min Scan# 184

Delta R.T. 0.26 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

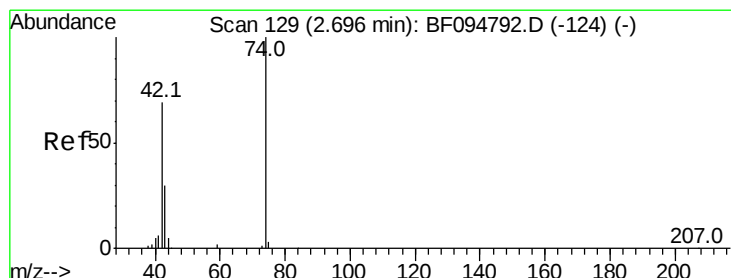
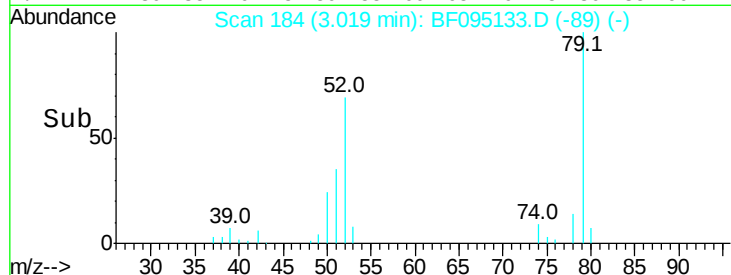
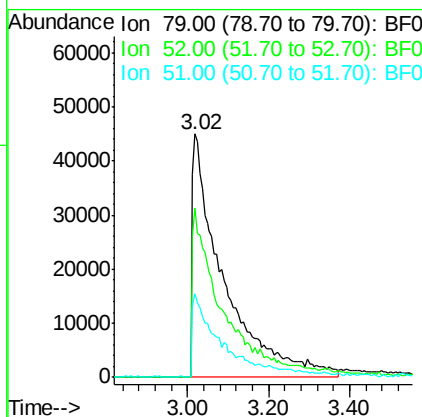
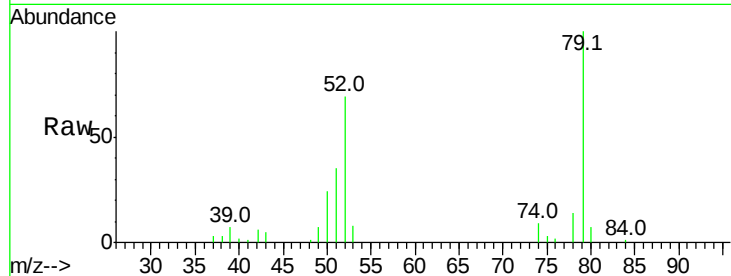
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	79	Resp:	237914
Ion Ratio	Lower	Upper	
79	100		
52	69.4	54.8	82.2
51	34.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 36.30 ng m

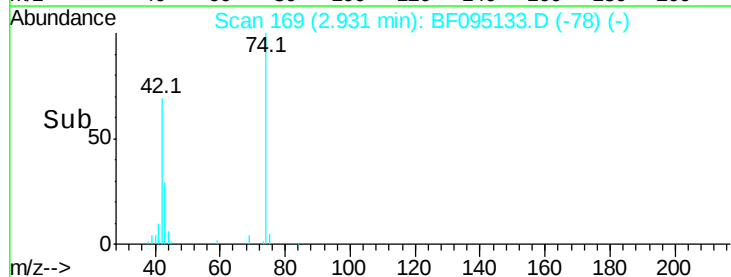
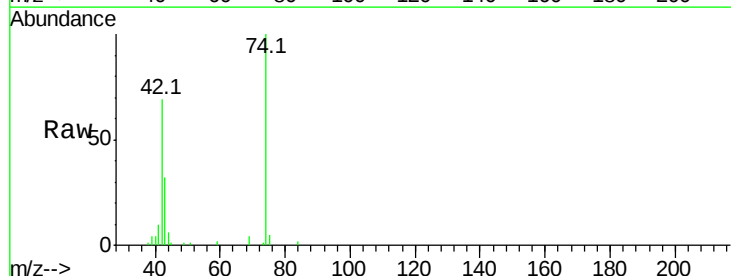
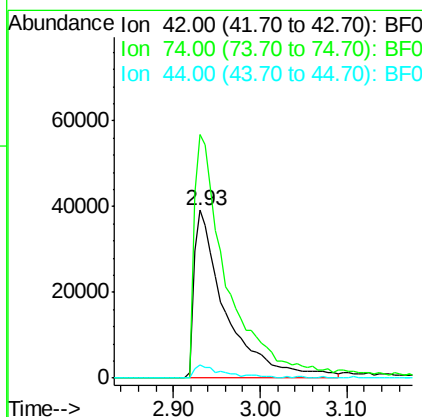
RT: 2.93 min Scan# 169

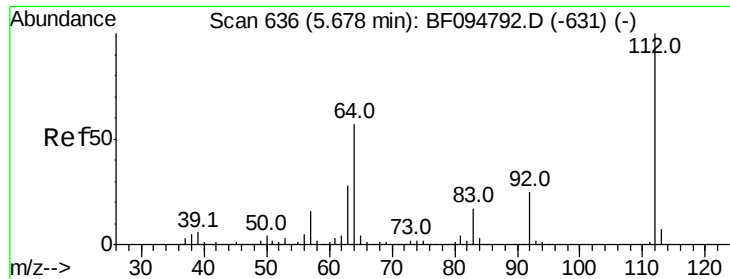
Delta R.T. 0.24 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	42	Resp:	98580
Ion Ratio	Lower	Upper	
42	100		
74	145.2	103.9	155.9
44	8.1	5.7	8.5





#5

2-Fluorophenol

Concen: 138.78 ng

RT: 5.76 min Scan# 650

Delta R.T. 0.08 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

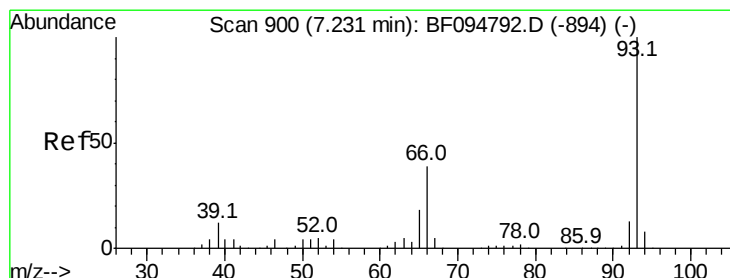
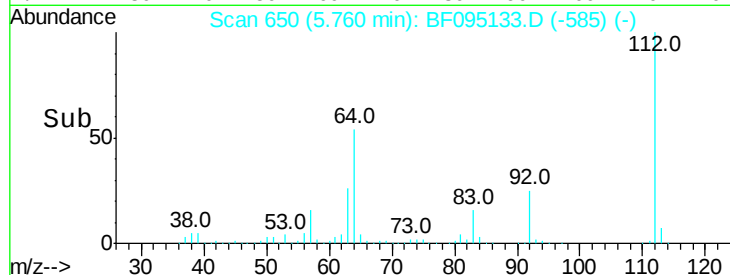
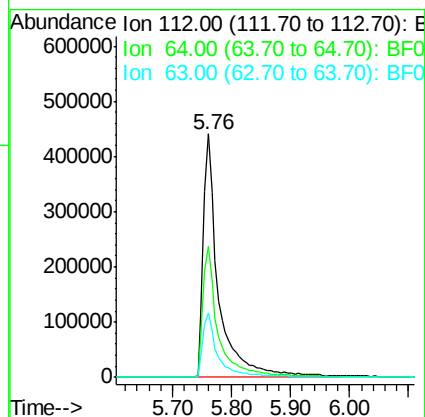
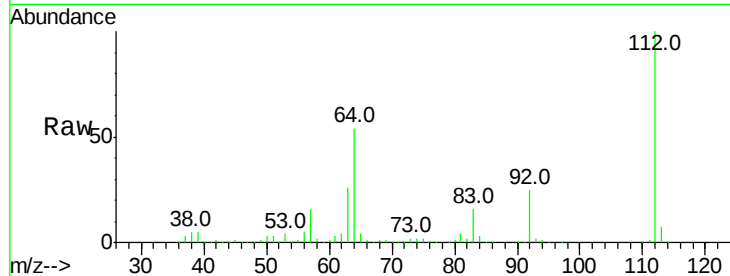
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	112	Resp:	795466
Ion Ratio	Lower	Upper	
112	100		
64	53.6	46.0	69.0
63	26.2	23.4	35.0

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#6

Aniline

Concen: 37.61 ng

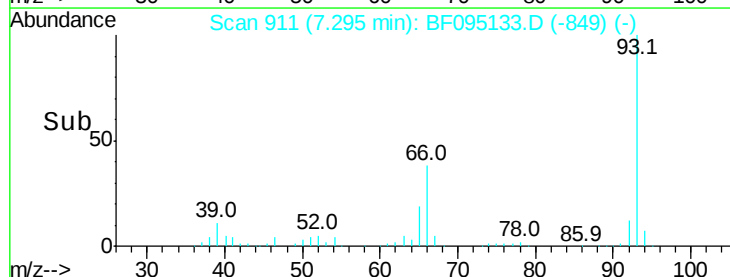
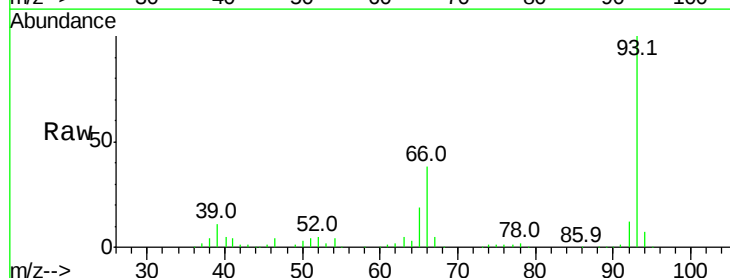
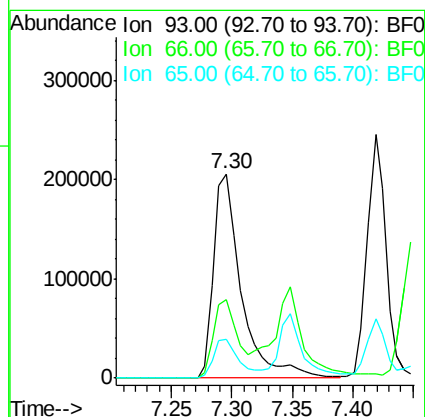
RT: 7.30 min Scan# 911

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	93	Resp:	326543
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.9	49.3
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 133.52 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

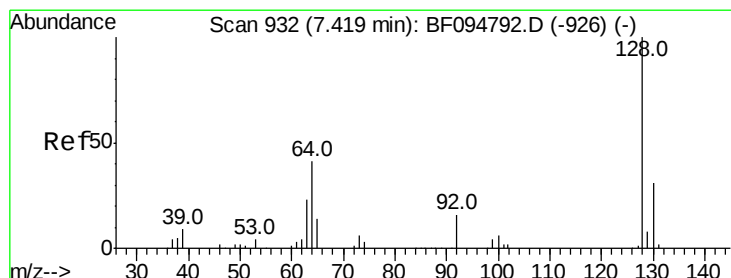
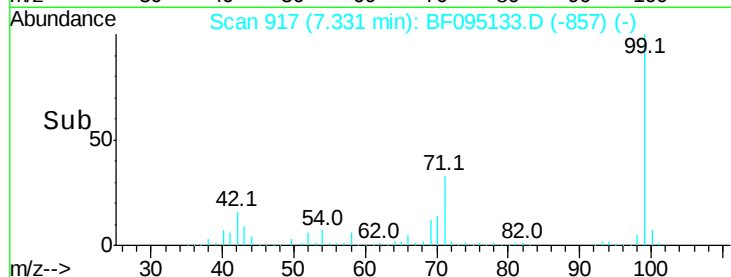
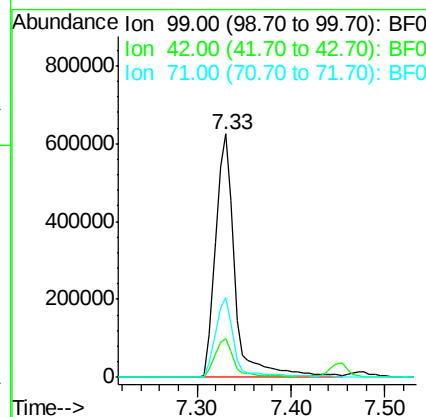
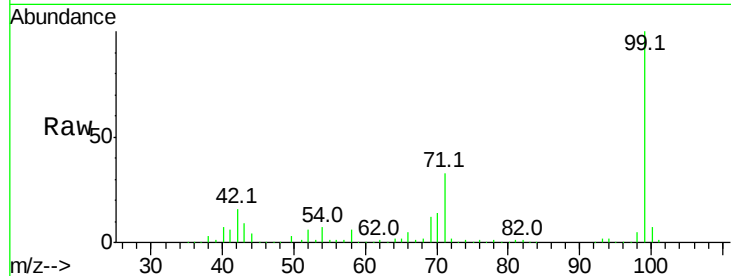
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	99	Resp:	918292
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 45.26 ng

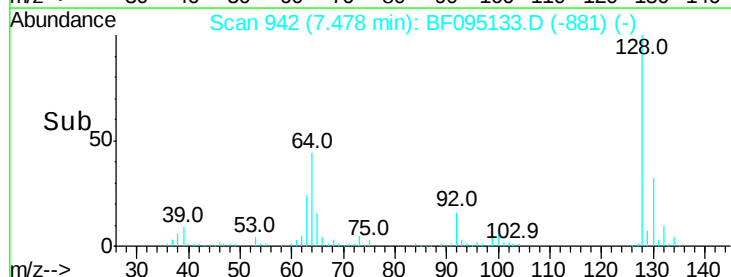
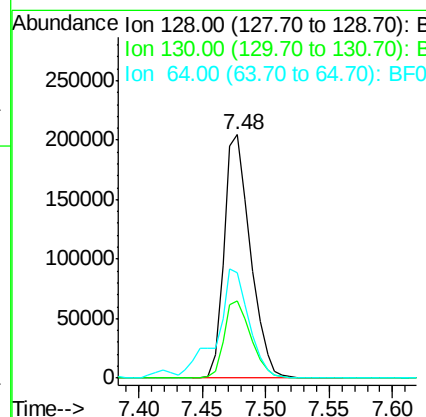
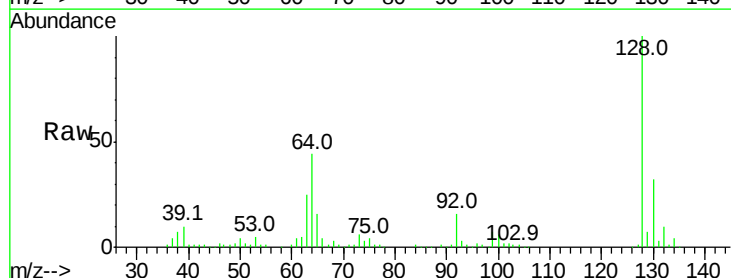
RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	128	Resp:	295266
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	43.5	28.4	68.4





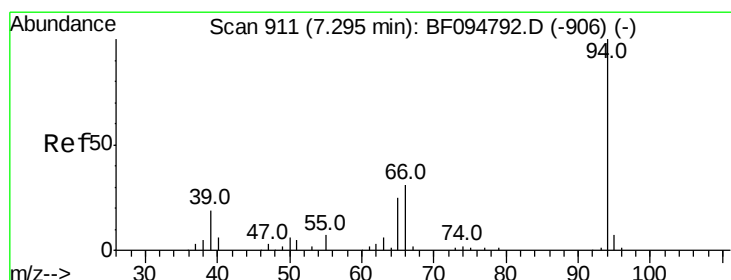
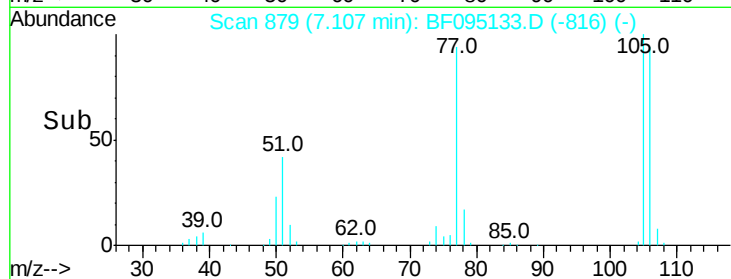
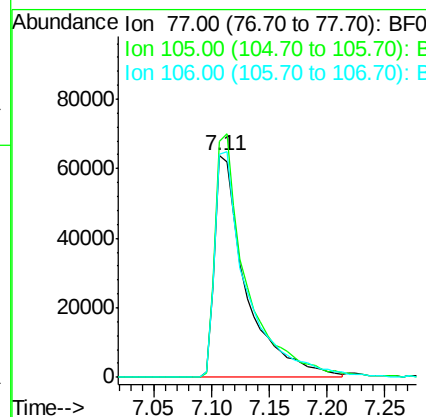
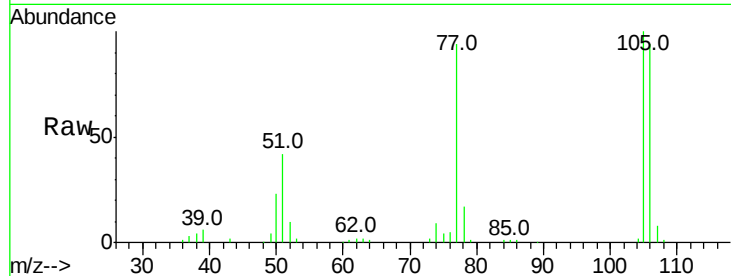
#9
Benzaldehyde
Concen: 28.72 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion:	77	Resp:	120616
Ion Ratio	Lower	Upper	
77	100		
105	106.9	83.8	123.8
106	100.8	79.1	119.1

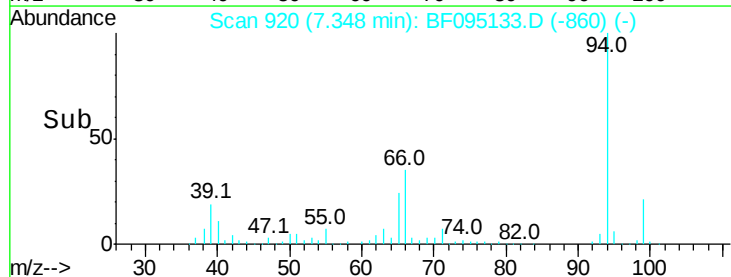
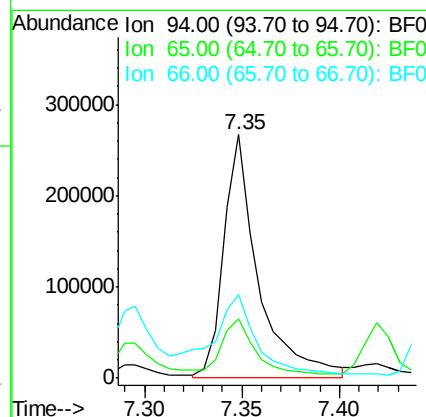
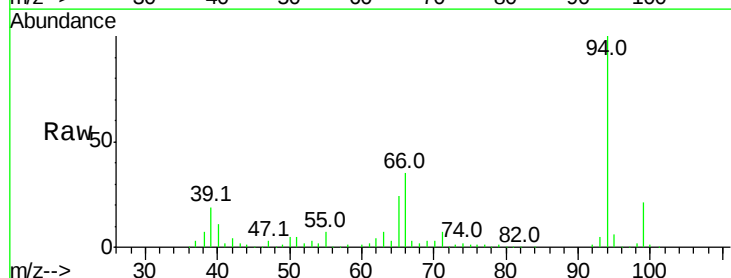
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#10
Phenol
Concen: 45.58 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:	94	Resp:	330338
Ion Ratio	Lower	Upper	
94	100		
65	24.2	9.9	49.9
66	34.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.39 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

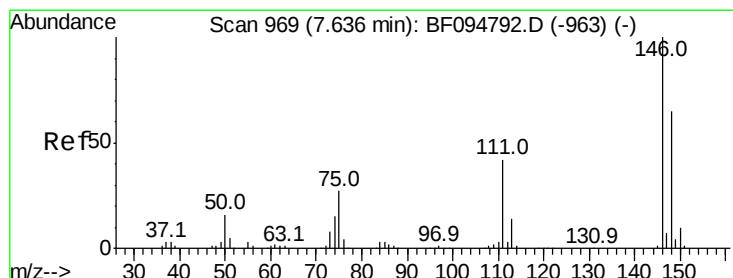
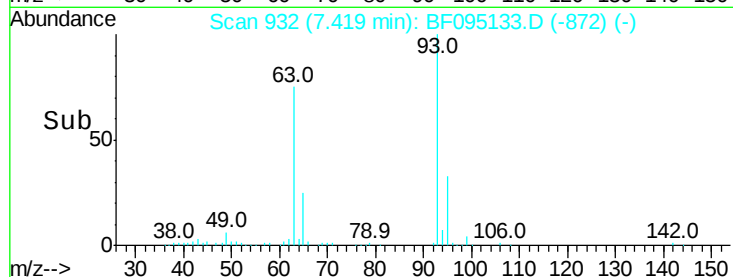
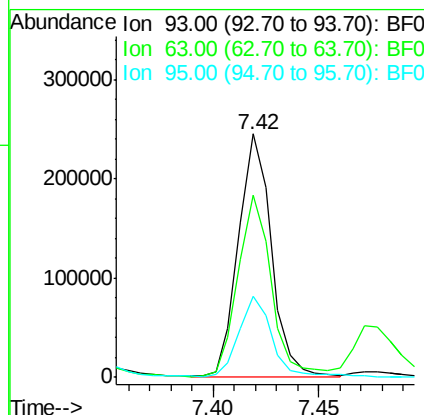
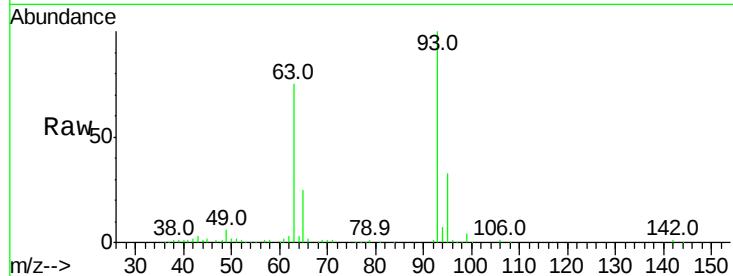
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	93	Resp:	265565
Ion Ratio	Lower	Upper	
93	100		
63	74.7	59.2	99.2
95	33.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.10 ng

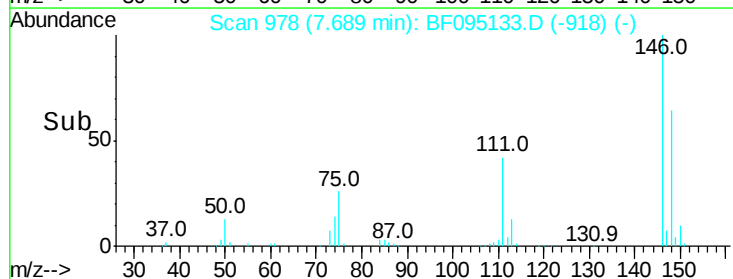
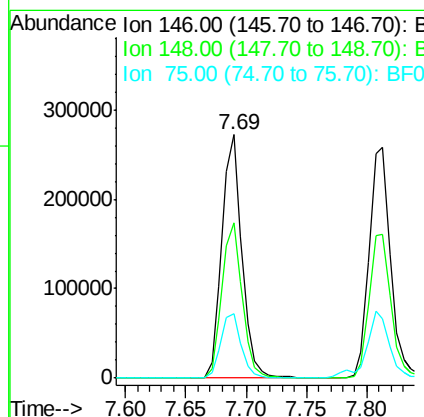
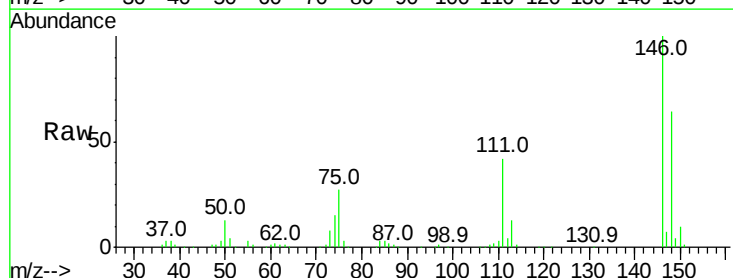
RT: 7.69 min Scan# 978

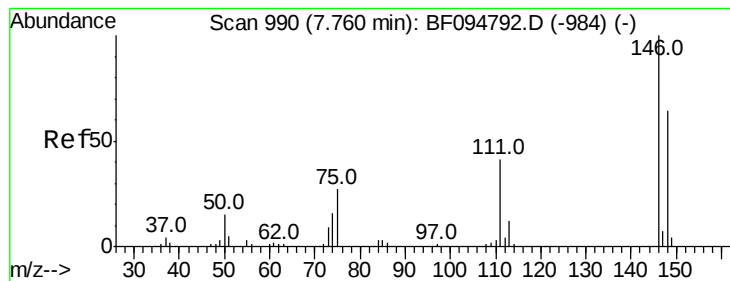
Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	146	Resp:	311571
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	26.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.85 ng

RT: 7.81 min Scan# 999

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

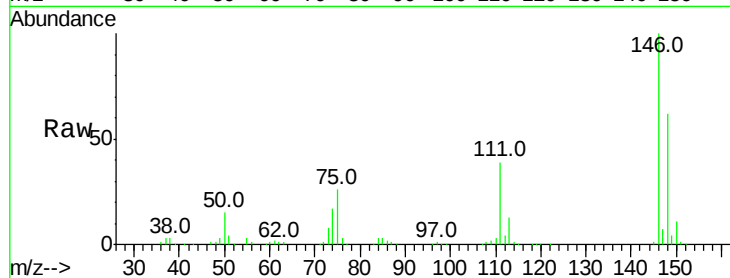
ClientSampleId :

FK-PS-01_002MSD

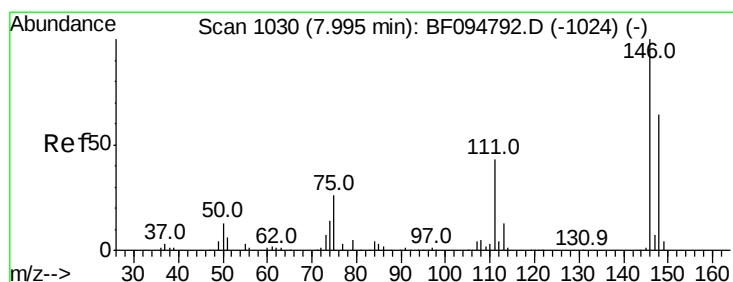
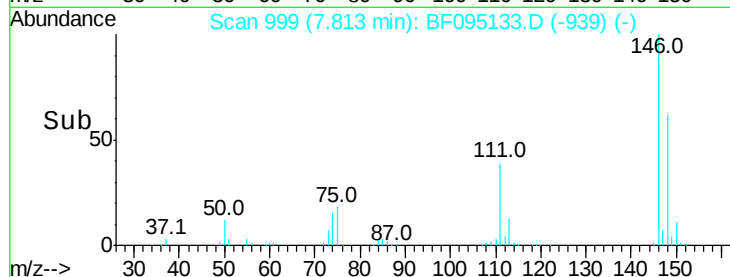
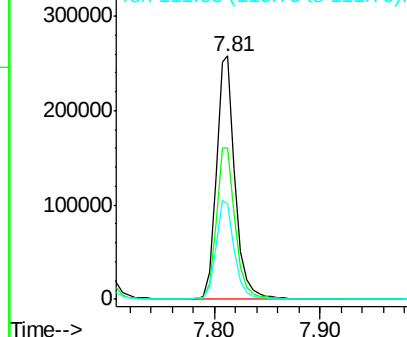
Tot Ion:	146	Resp:	321598
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.2	78.2
111	39.1	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.33 ng

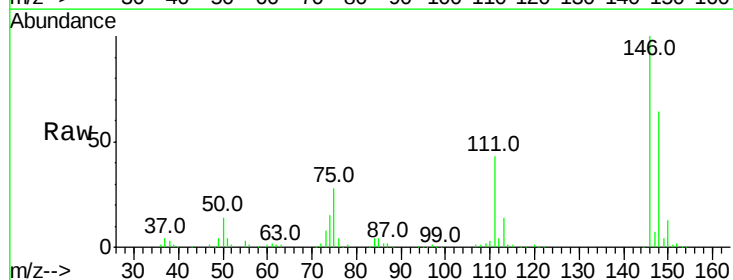
RT: 8.04 min Scan# 1038

Delta R.T. 0.05 min

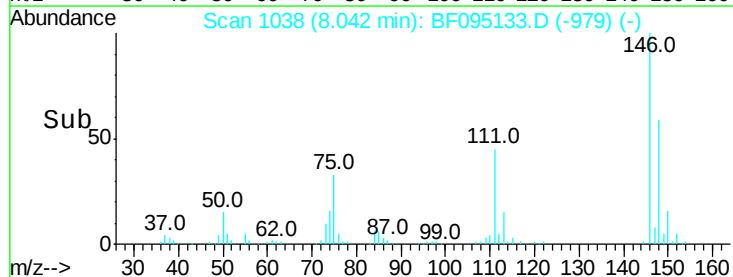
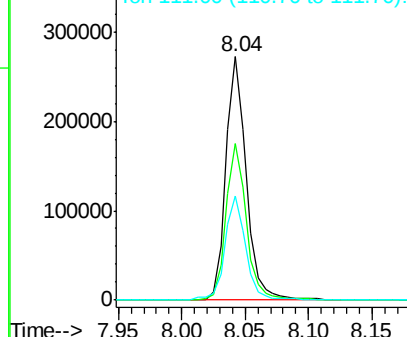
Lab File: BF095133.D

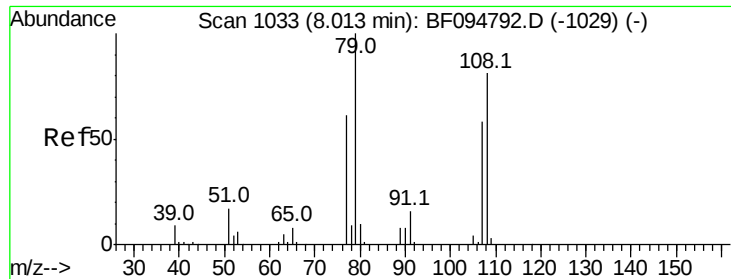
Acq: 15 May 2017 19:15

Tgt Ion:	146	Resp:	303533
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
111	42.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





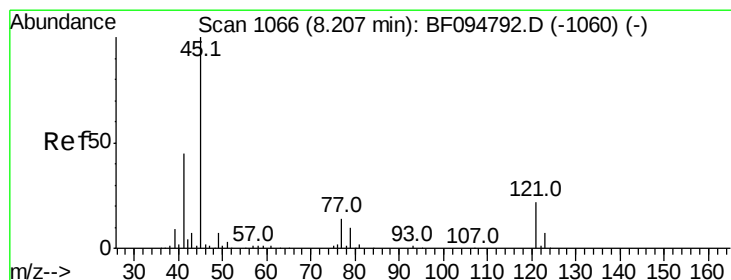
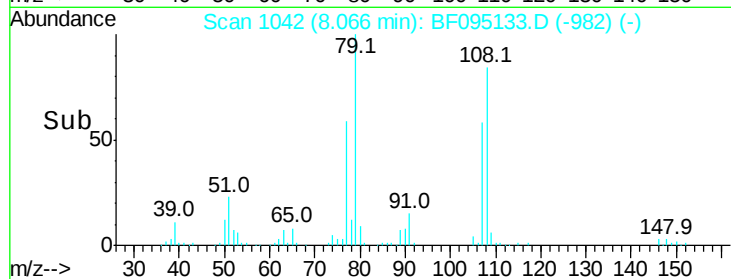
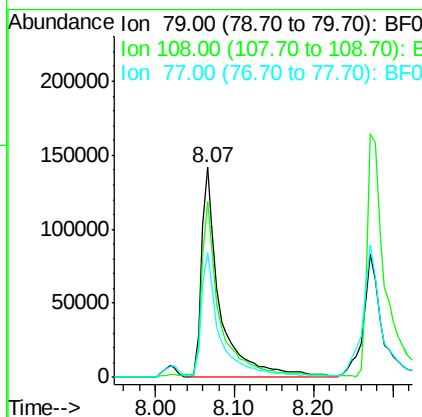
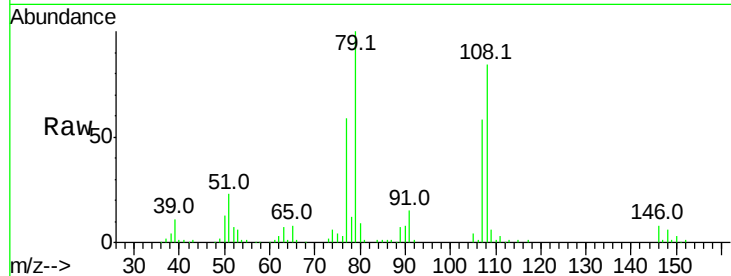
#15
Benzyl Alcohol
Concen: 52.49 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion:	79	Resp:	232190
Ion Ratio	Lower	Upper	
79	100		
108	83.6	63.4	95.0
77	59.2	49.2	73.8

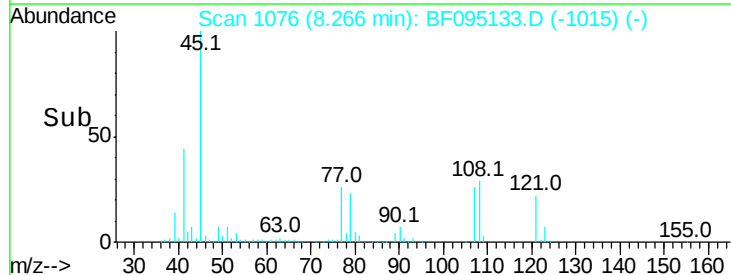
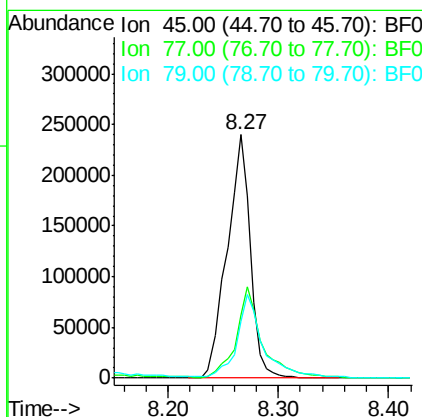
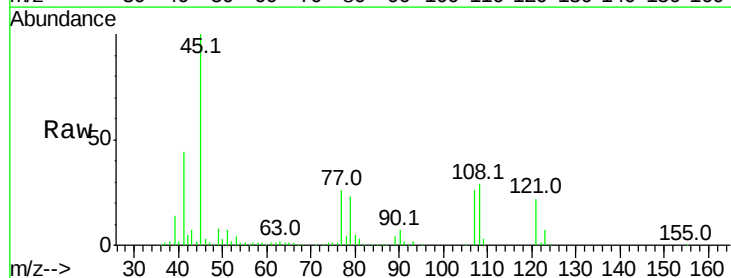
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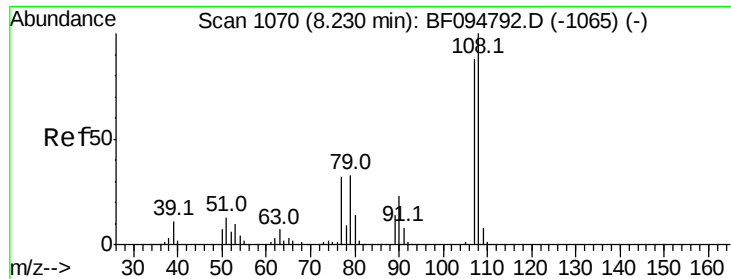
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.71 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:	45	Resp:	353183
Ion Ratio	Lower	Upper	
45	100		
77	26.2	0.0	33.2
79	23.3	0.0	30.0





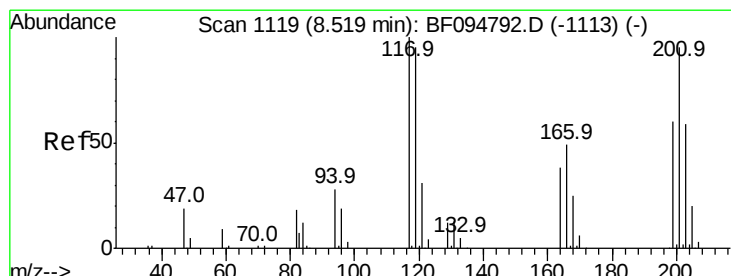
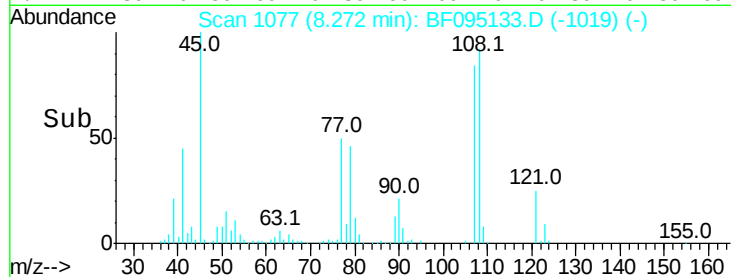
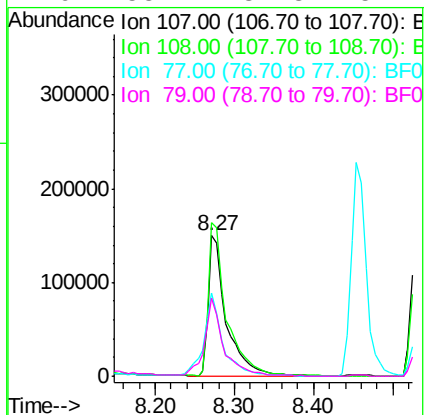
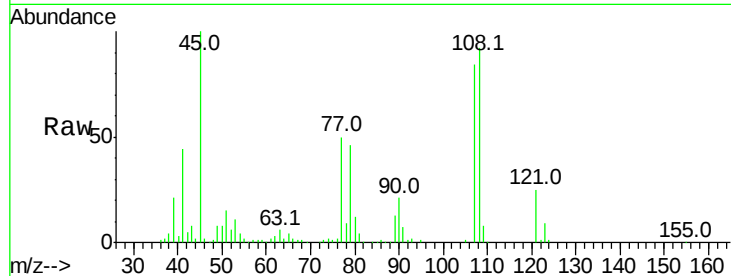
#17
2-Methylphenol
Concen: 44.12 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion:	107	Resp:	235544
Ion Ratio	Lower	Upper	
107	100		
108	109.8	93.4	140.0
77	59.8	35.8	53.6#
79	55.4	34.8	52.2#

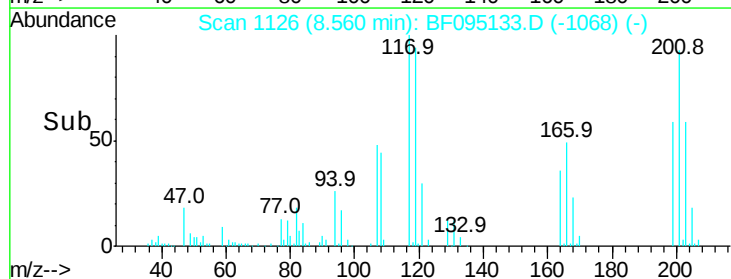
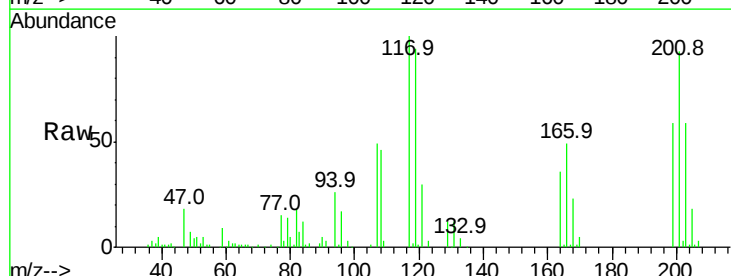
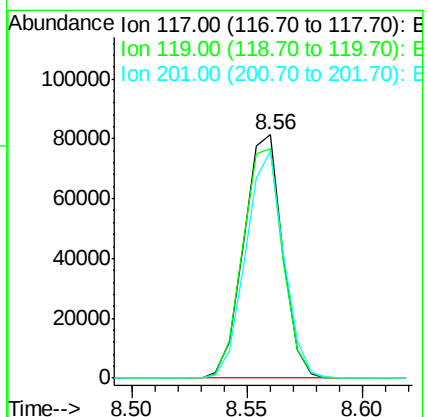
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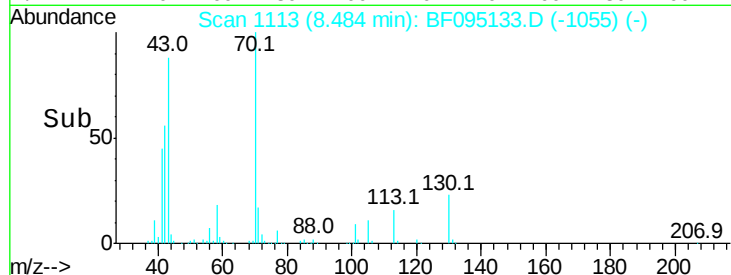
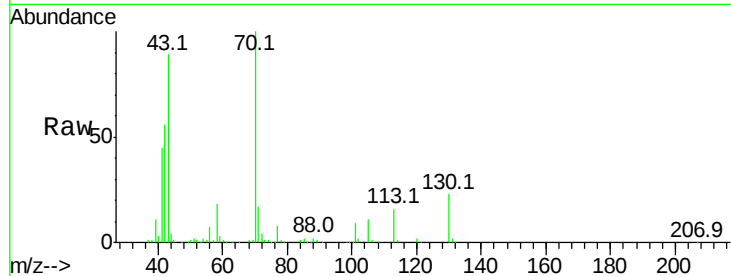
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#18
Hexachloroethane
Concen: 37.53 ng
RT: 8.56 min Scan# 1126
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion:	117	Resp:	95423
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.4	116.0
201	93.3	94.6	141.8#





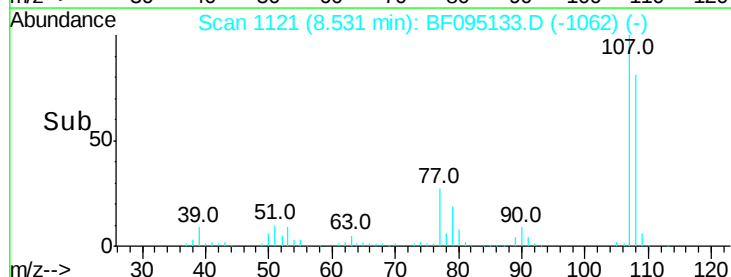
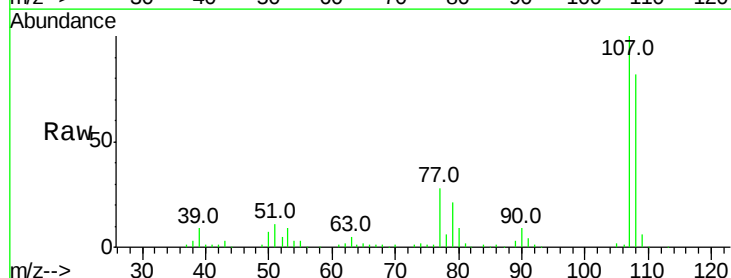
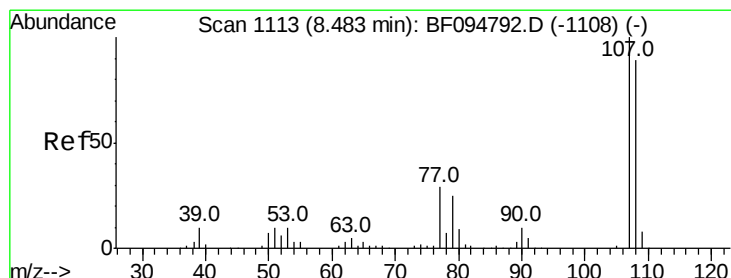
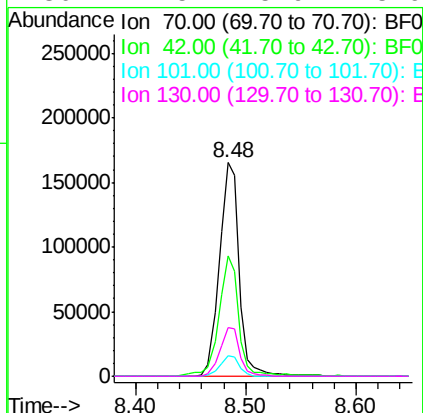
#19
n-Nitroso-di-n-propylamine
Concen: 44.28 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.2	70.8
101	9.4	7.2	10.8
130	22.5	15.9	23.9

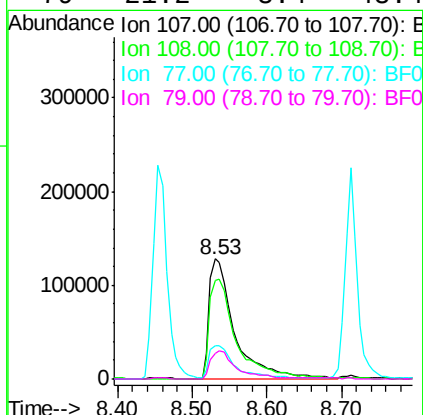
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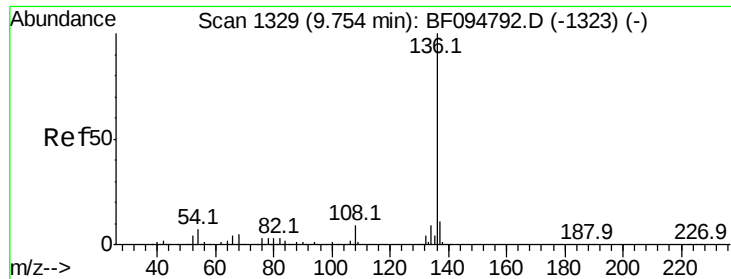
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#20
3+4-Methylphenols
Concen: 42.05 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.0	111.0
77	28.1	90.5	130.5#
79	21.2	8.4	48.4





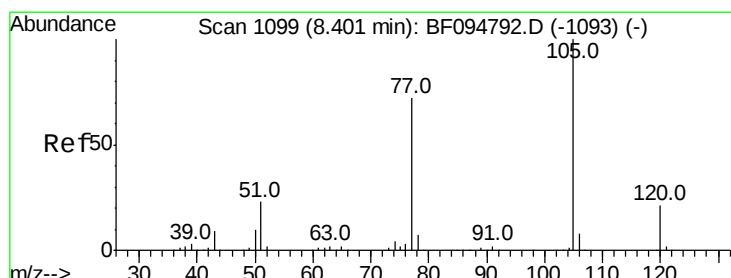
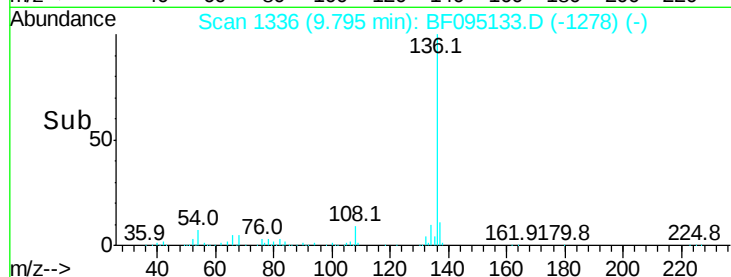
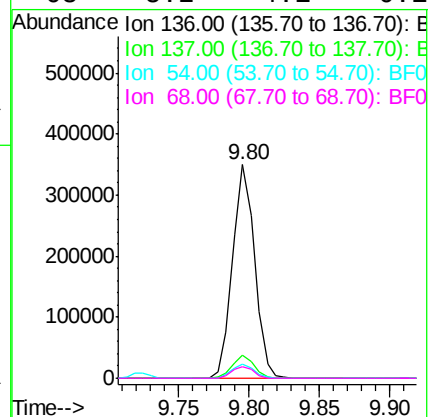
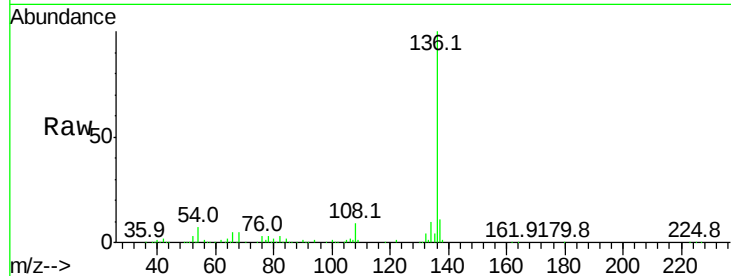
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.8	4.9	7.3	
68	5.2	4.1	6.1	

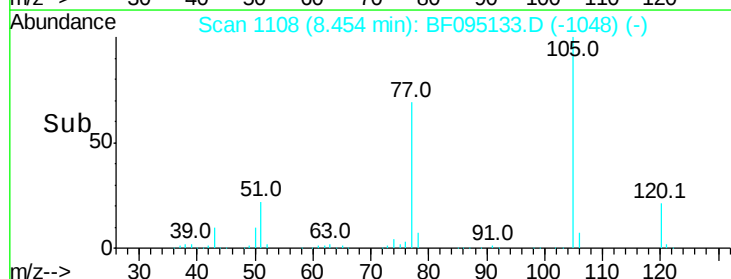
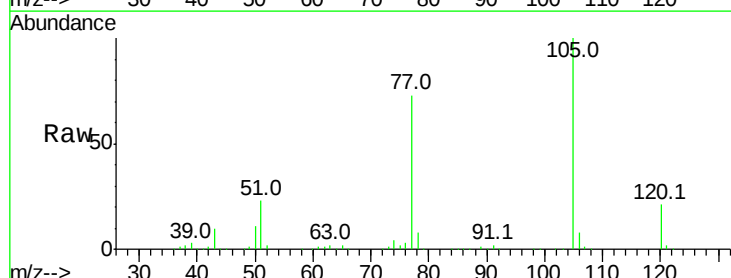
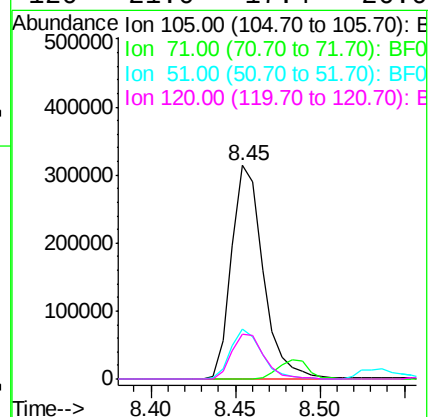
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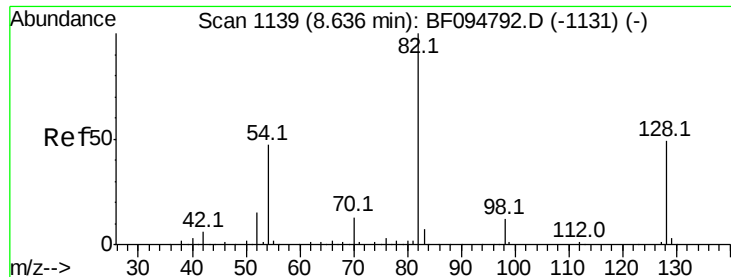
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#22
Acetophenone
Concen: 44.96 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.4	30.7	46.1#	
120	21.0	17.4	26.0	





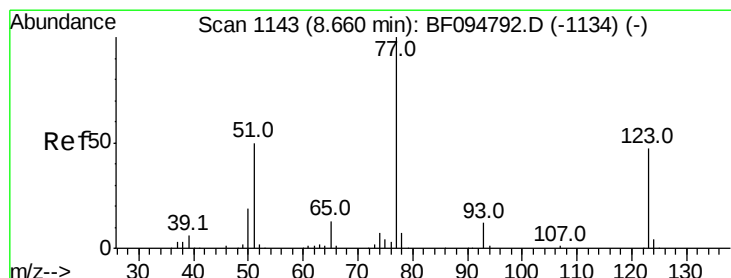
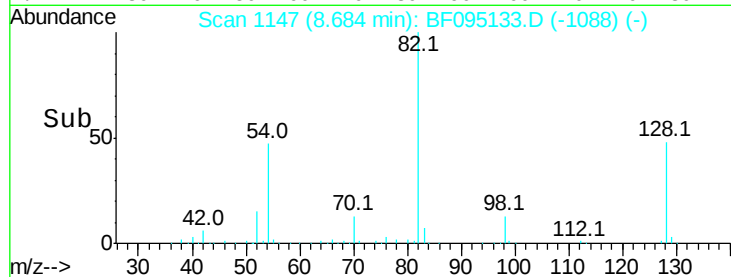
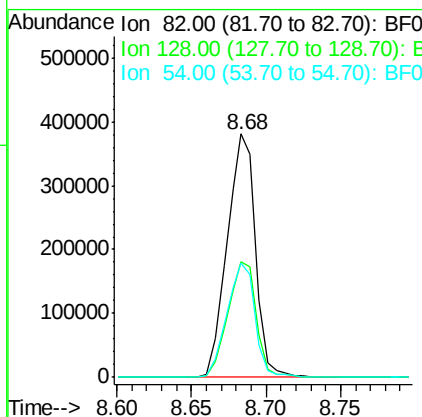
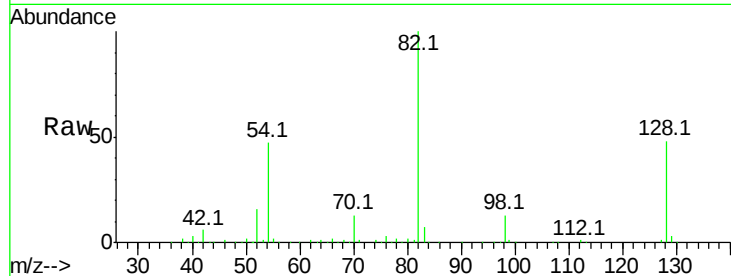
#23
 Nitrobenzene-d5
 Concen: 84.04 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	34.0	51.0	
54	46.8	42.2	63.2	

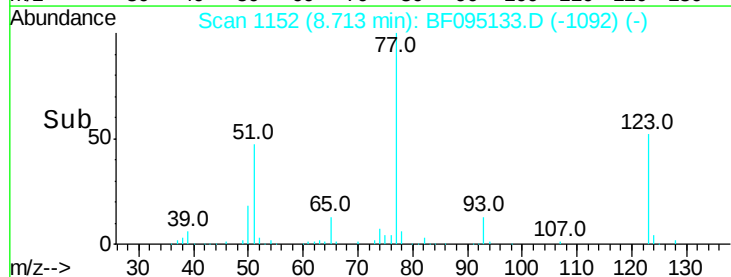
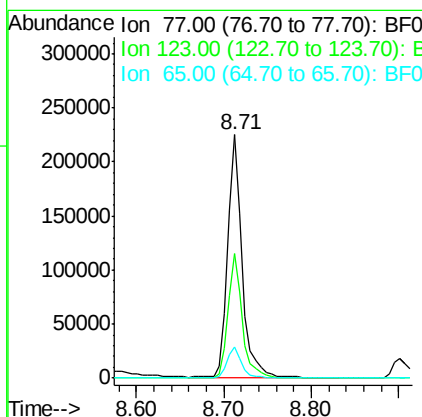
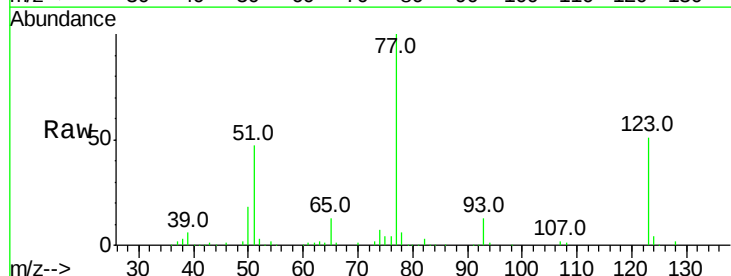
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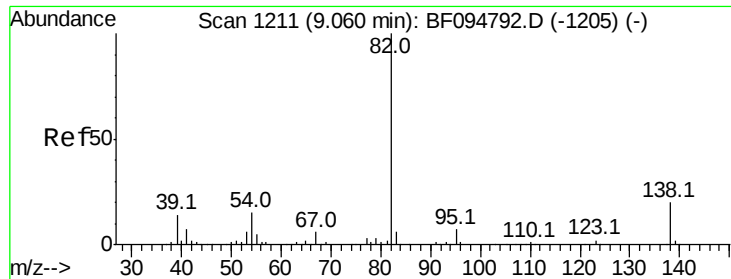
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#24
 Nitrobenzene
 Concen: 40.62 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 46.52 ng

RT: 9.11 min Scan# 1220

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

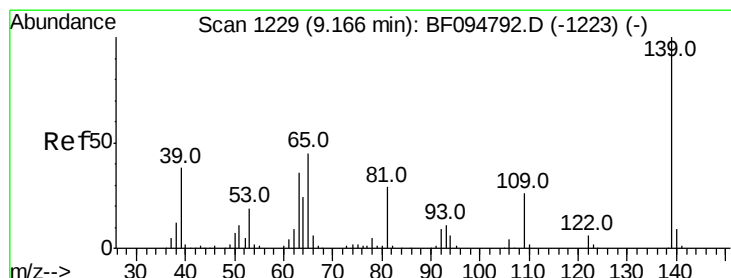
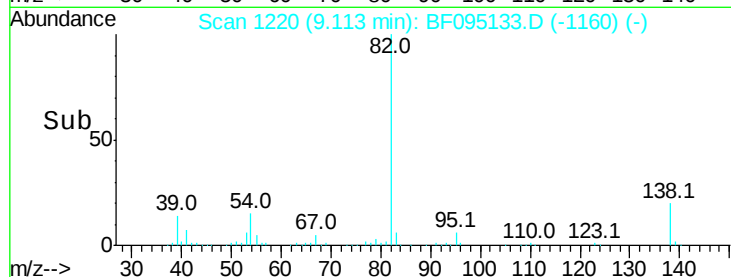
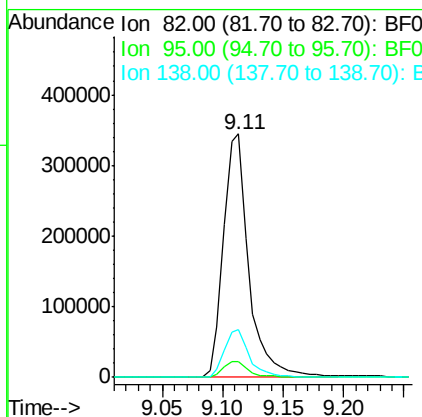
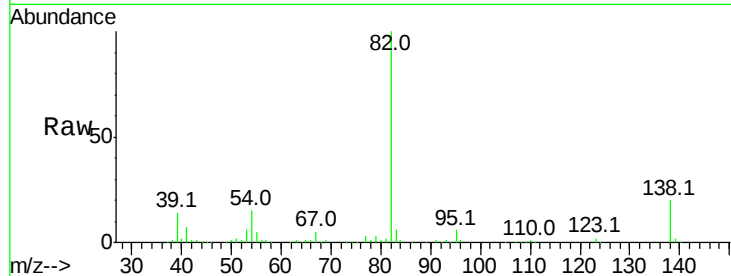
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	82	Resp:	501639
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	19.8	13.1	19.7#

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#26

2-Nitrophenol

Concen: 46.40 ng

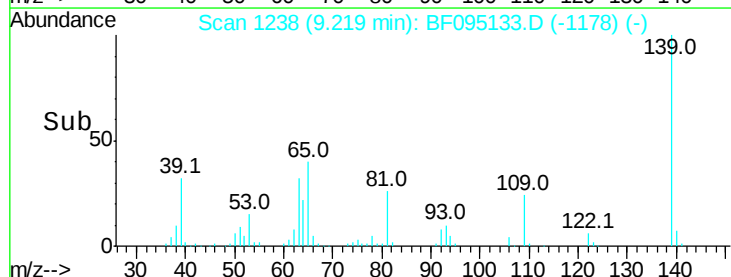
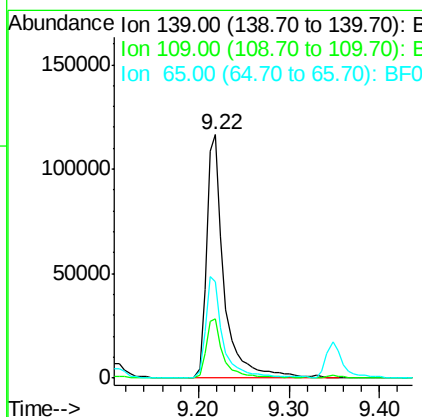
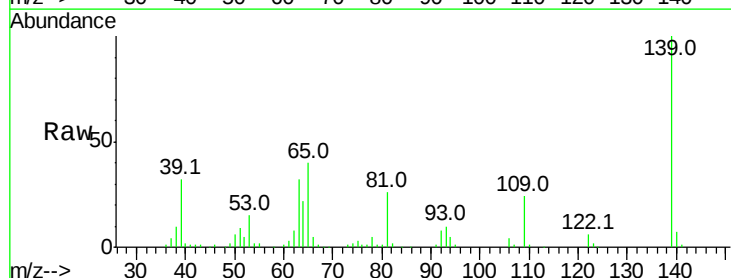
RT: 9.22 min Scan# 1238

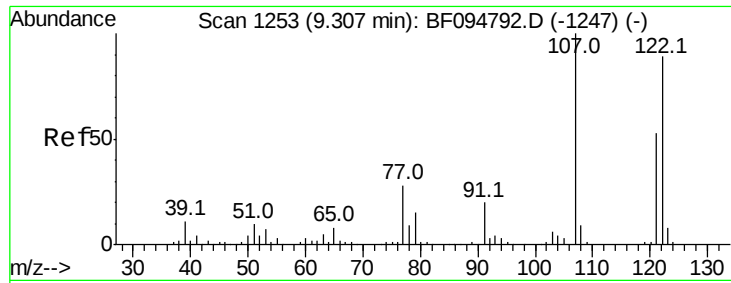
Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	139	Resp:	158469
Ion Ratio	Lower	Upper	
139	100		
109	24.2	21.0	31.6
65	39.6	33.0	49.6





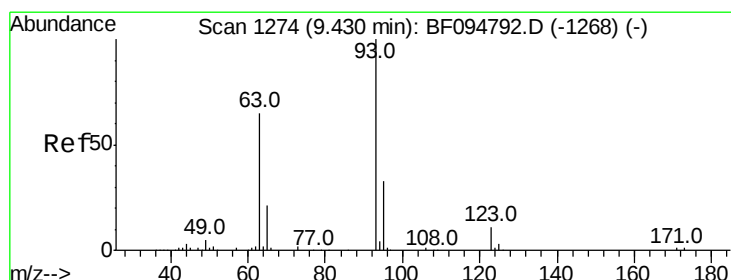
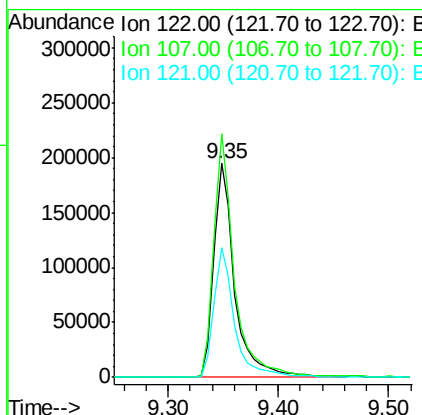
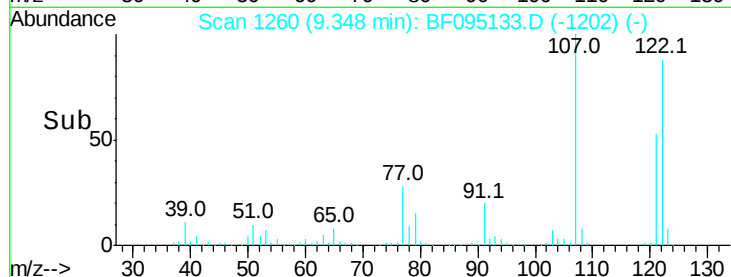
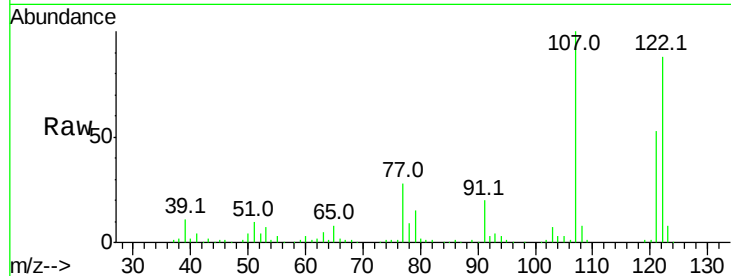
#27
 2,4-Dimethylphenol
 Concen: 46.11 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion:	122	Resp:	254645
Ion Ratio	Lower	Upper	
122	100		
107	113.8	89.2	133.8
121	60.4	45.2	67.8

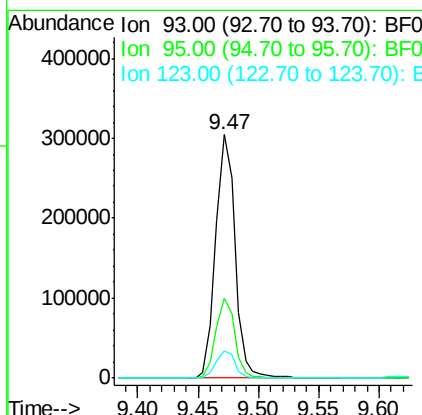
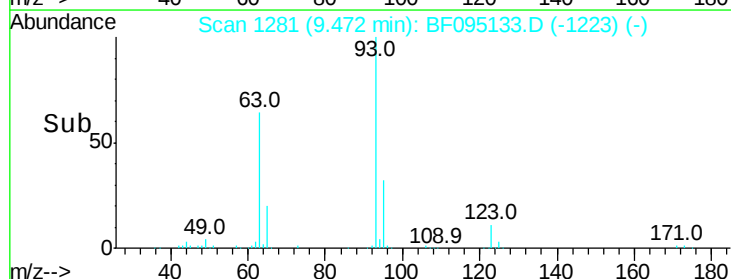
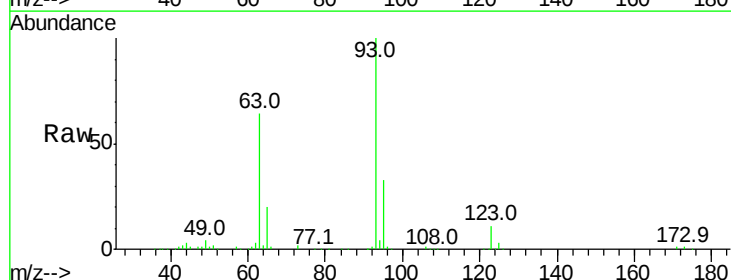
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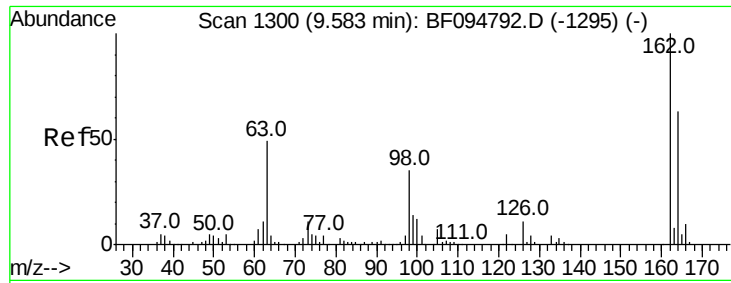
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.35 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:	93	Resp:	338269
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.2	9.0	13.4





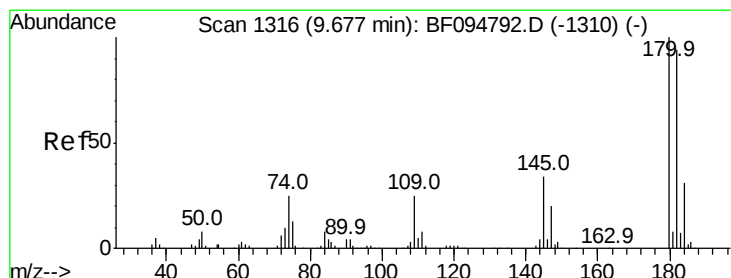
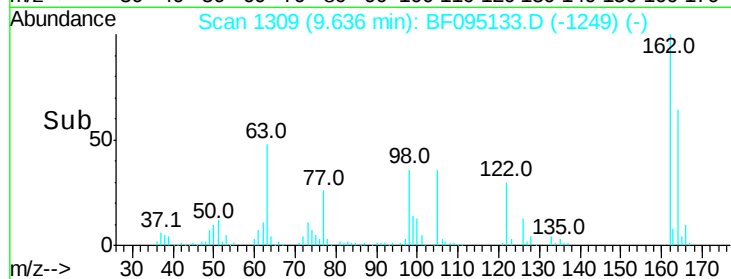
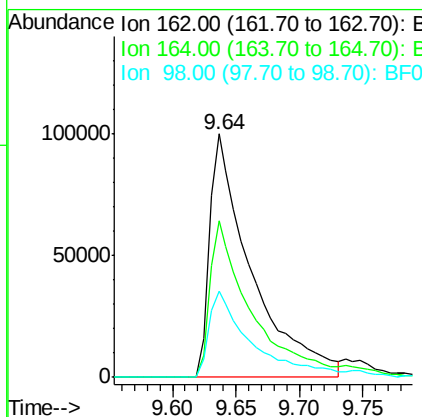
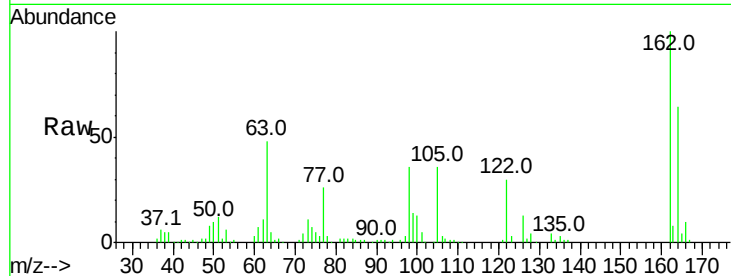
#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229006		
164	64.2		44.6	84.6
98	35.5		14.8	54.8

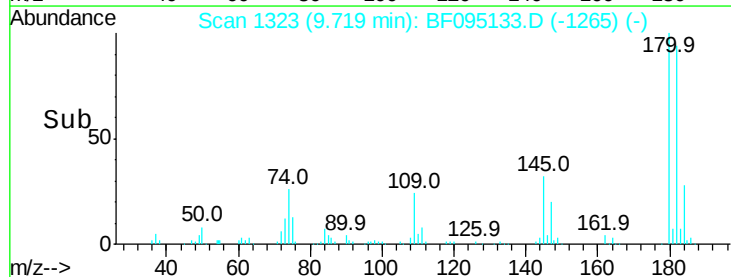
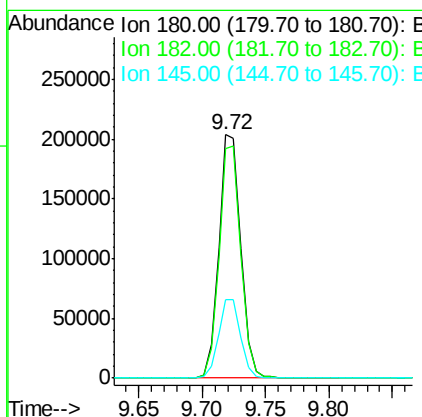
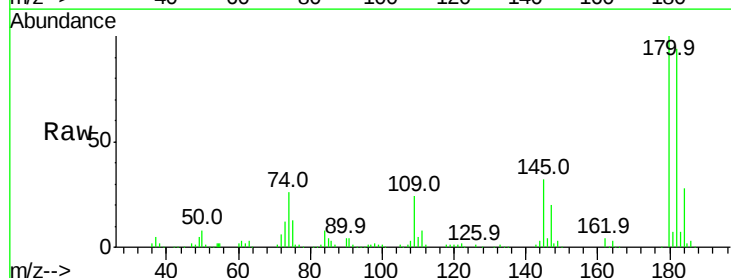
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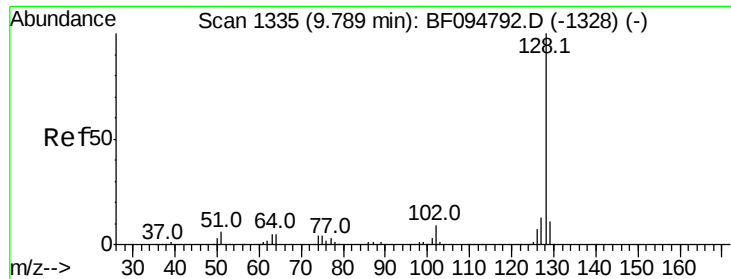
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.91 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245290		
182	94.1		75.8	113.6
145	32.5		25.3	37.9





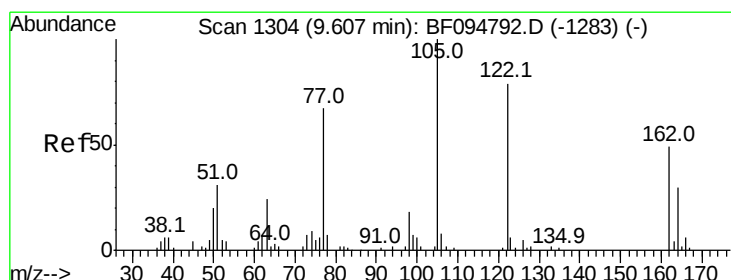
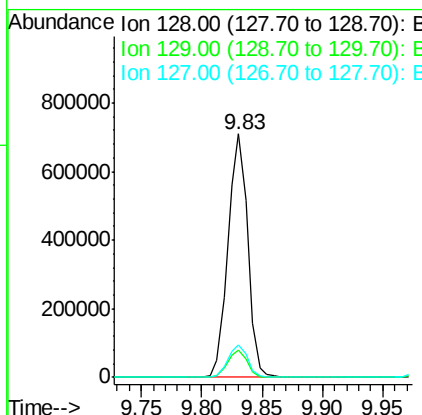
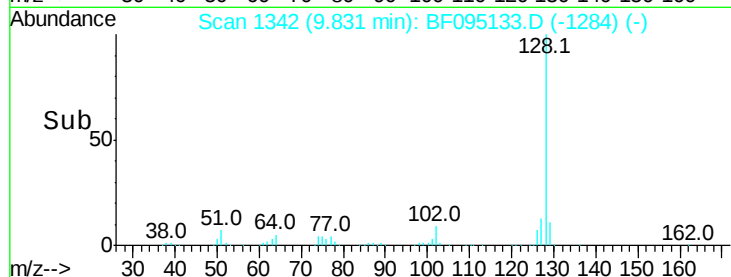
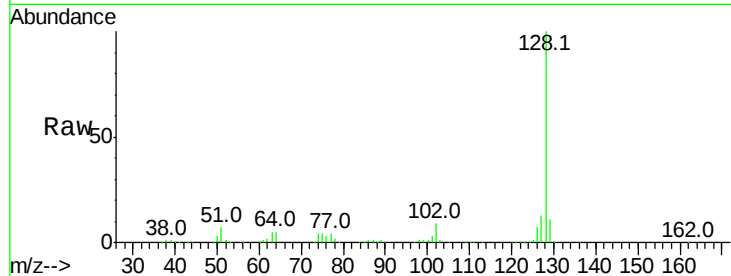
#31
Naphthalene
Concen: 42.14 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.2	10.8	16.2

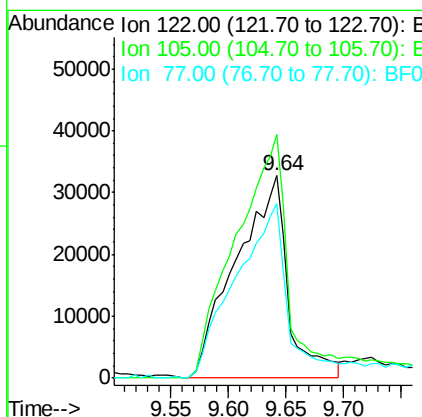
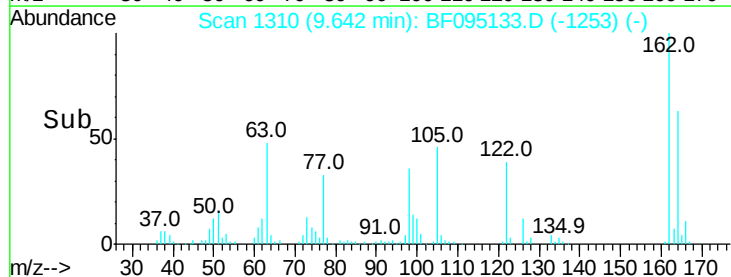
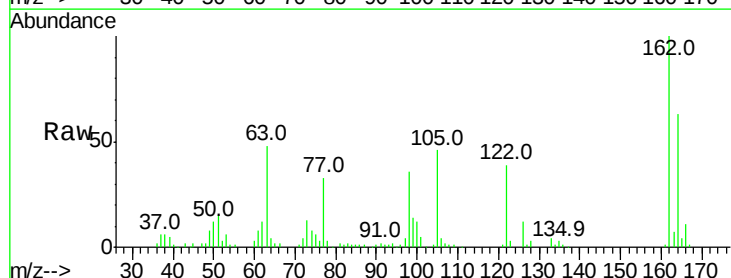
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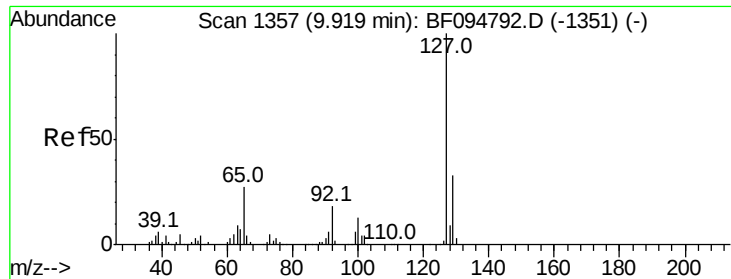
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#32
Benzoic acid
Concen: 30.46 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	103.3	143.3
77	86.1	73.7	113.7





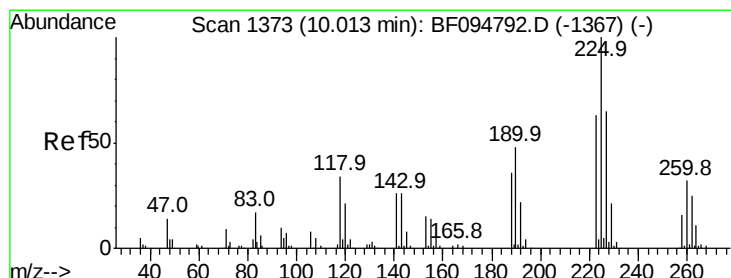
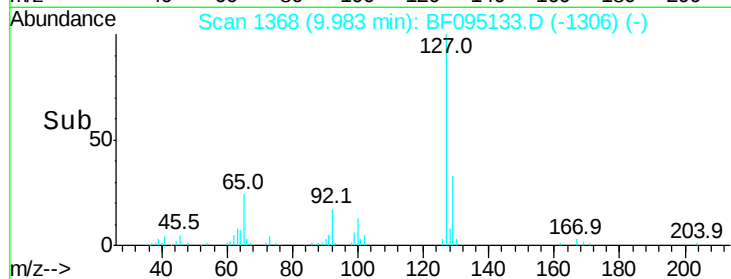
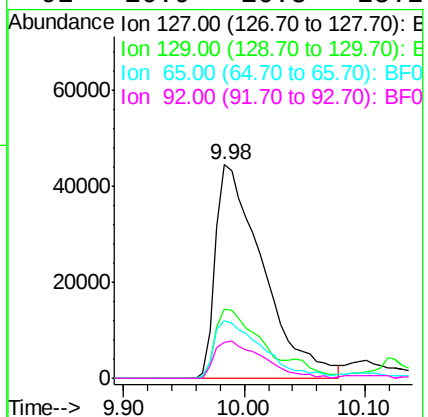
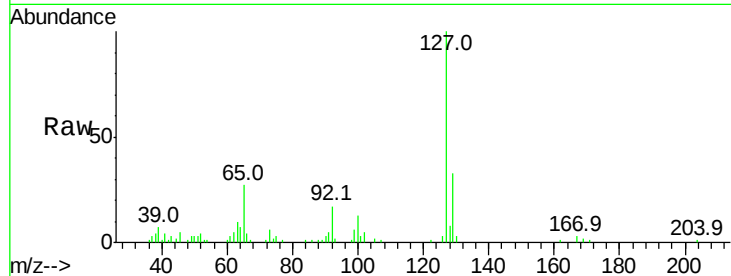
#33
4-Chloroaniline
Concen: 16.94 ng
RT: 9.98 min Scan# 1368
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	26.9	27.8	41.8		
92	16.9	16.8	25.2		

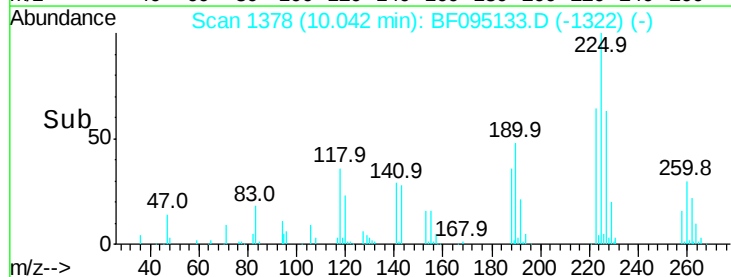
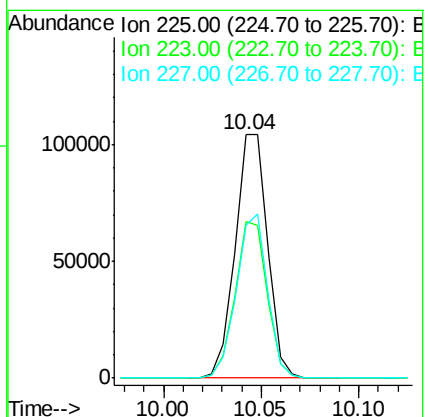
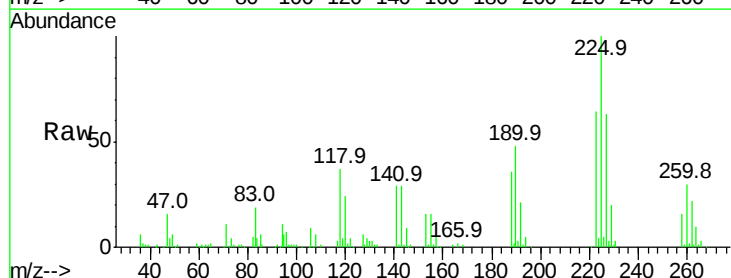
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#34
Hexachlorobutadiene
Concen: 40.70 ng
RT: 10.04 min Scan# 1378
Delta R.T. 0.03 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	48.8	73.2		
227	62.8	51.1	76.7		





#35

Caprolactam

Concen: 41.39 ng/mL

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_002MSD

Tot Ion:113 Resp: 64803

Ion Ratio Lower Upper

113 100

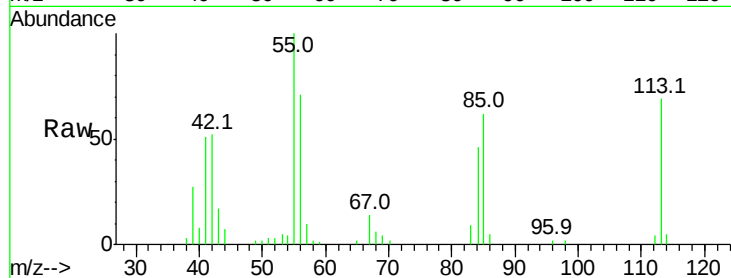
55 144.5 150.2 190.2#

56 102.6 107.8 147.8#

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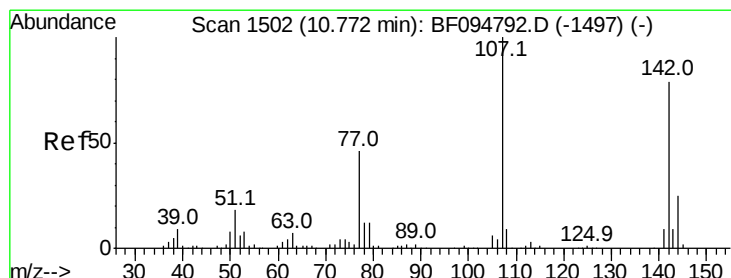
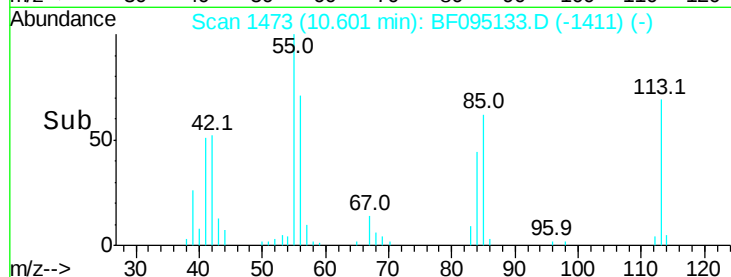
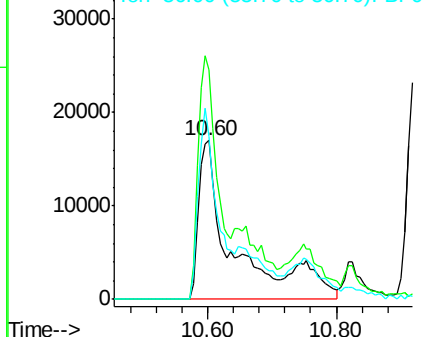
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.44 ng/mL

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:107 Resp: 219887

Ion Ratio Lower Upper

107 100

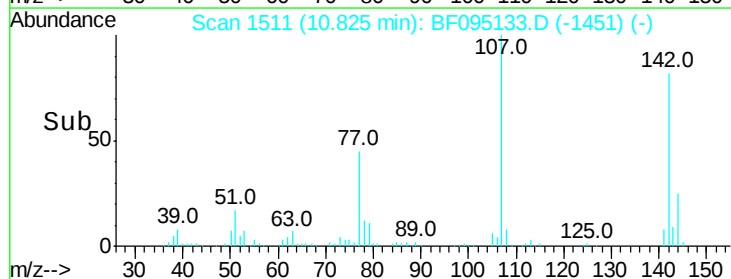
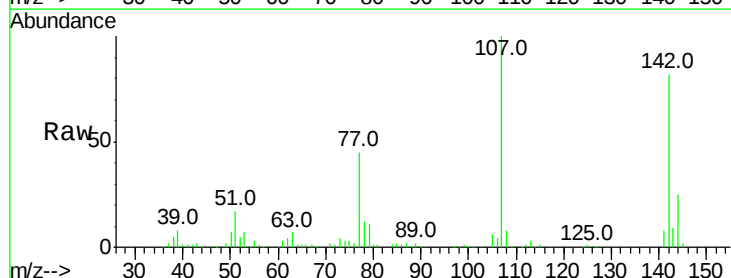
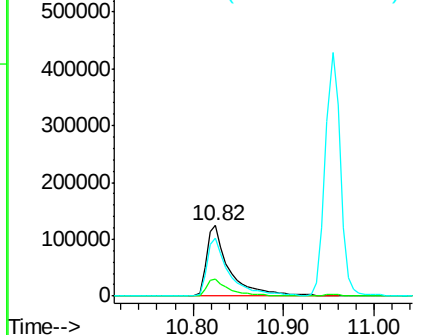
144 24.9 24.2 36.4

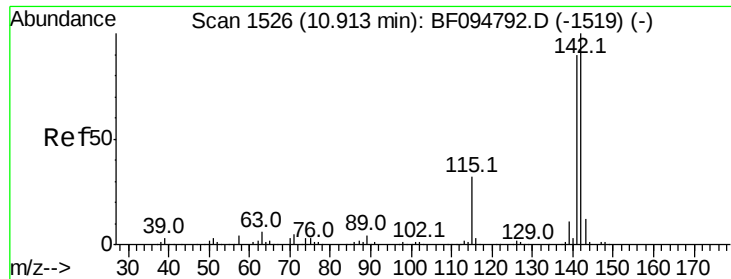
142 82.1 73.4 110.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





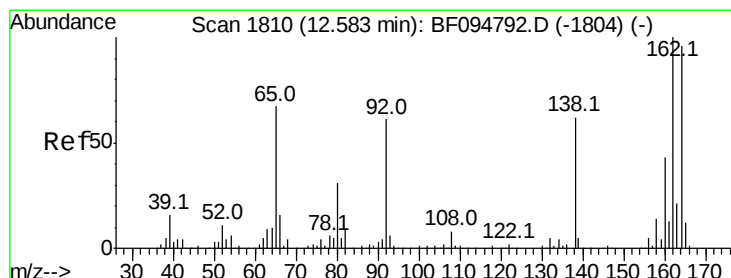
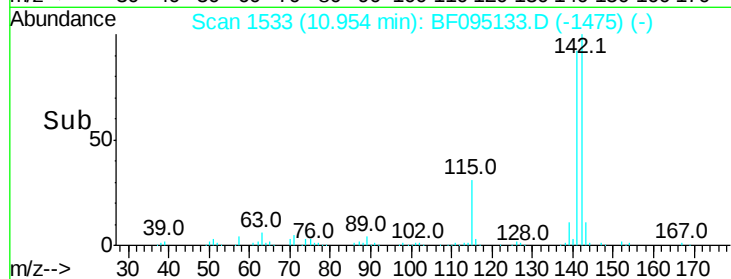
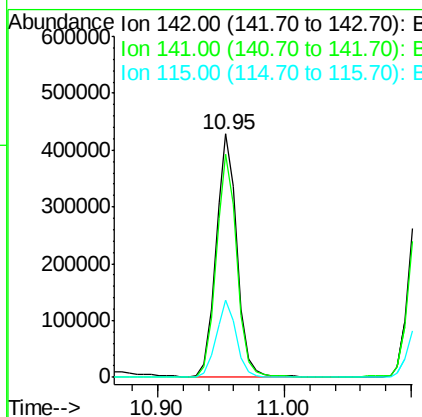
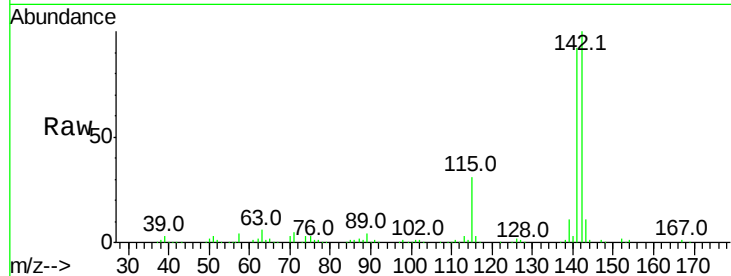
#37
2-Methylnaphthalene
Concen: 39.23 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	31.5	27.1	40.7

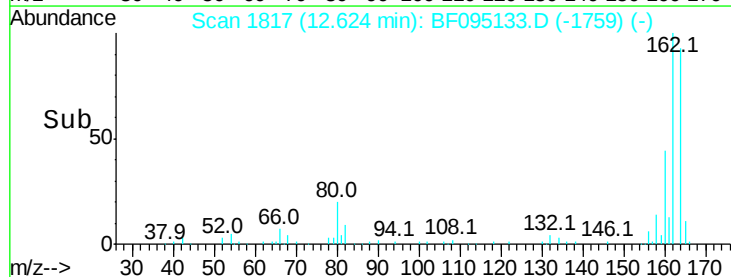
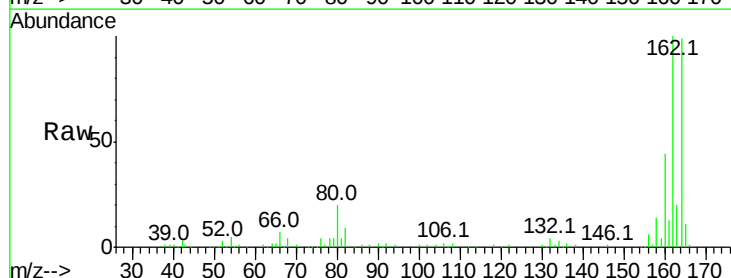
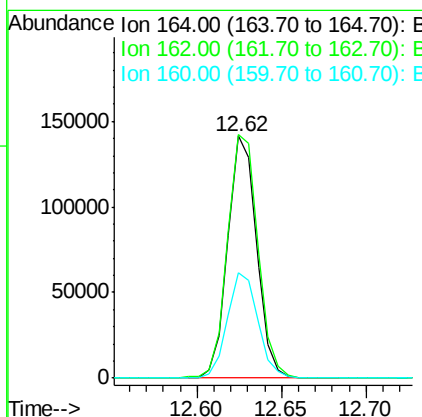
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	43.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.45 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

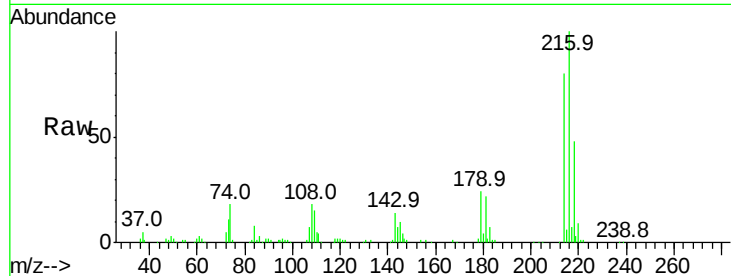
ClientSampleId :

FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	203084		
214	78.7	63.4	95.2	
179	22.3	17.9	26.9	
108	18.8	16.5	24.7	

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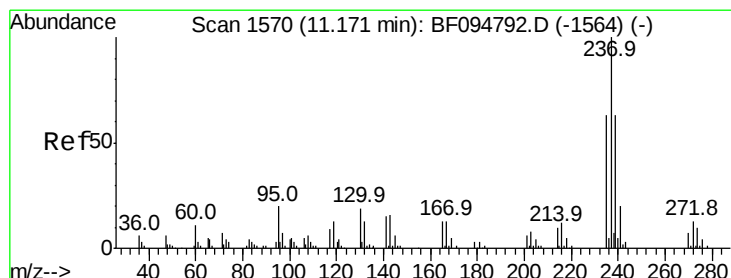
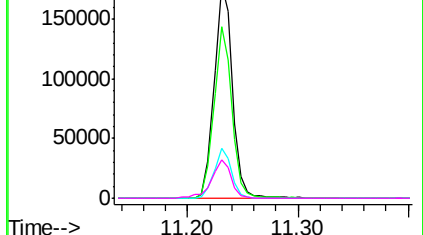
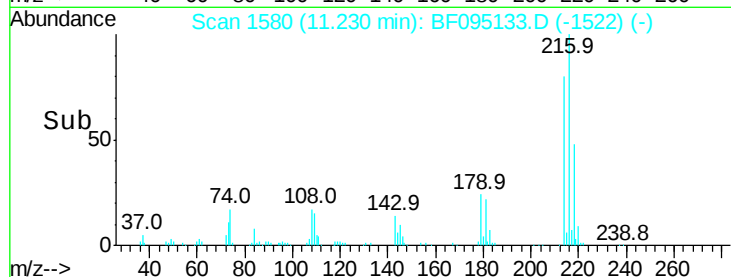


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.20 ng

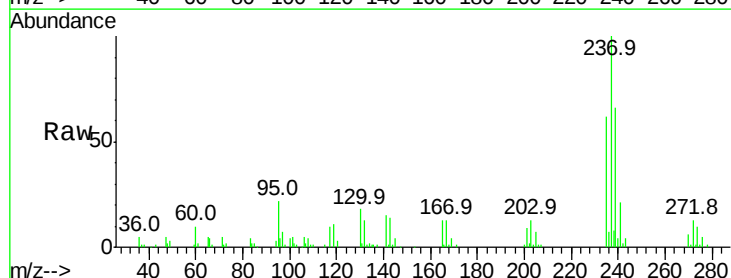
RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

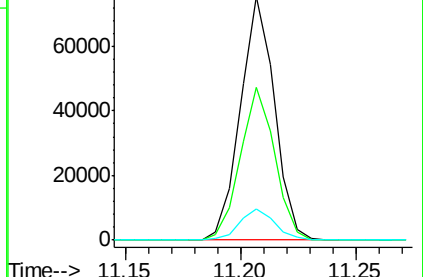
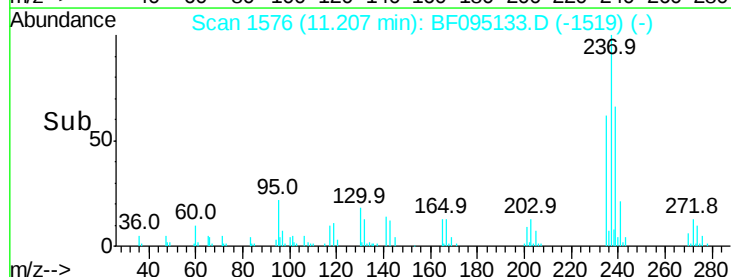
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	77607		
235	62.5	42.6	82.6	
272	12.7	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





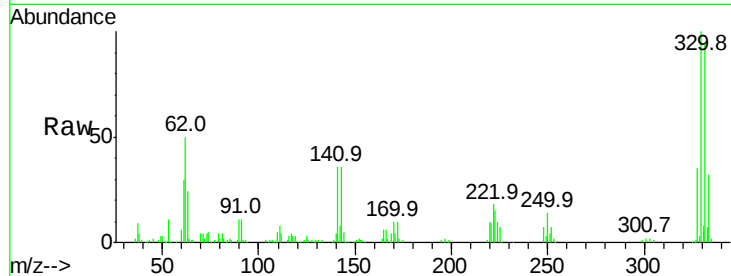
#41
 2,4,6-Tribromophenol
 Concen: 128.97 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

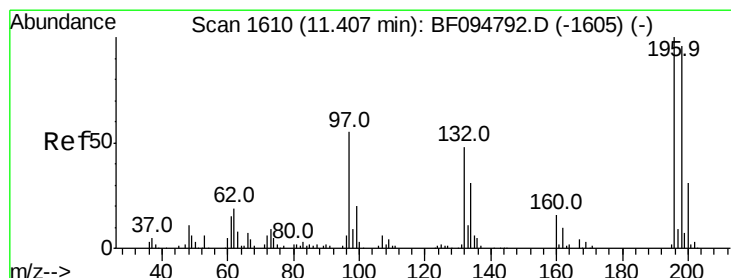
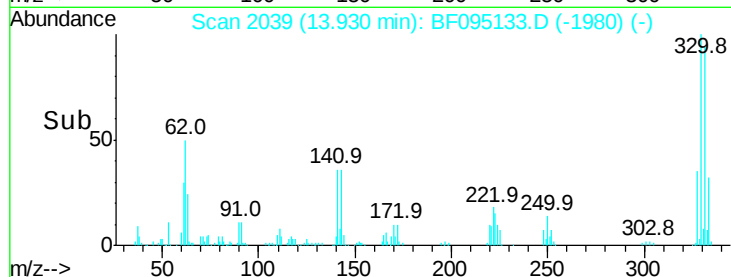
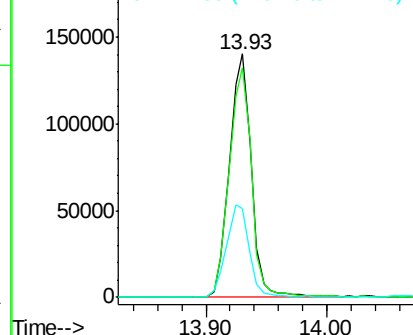
Tot Ion	Ratio	Resp	Lower	Upper
330	100	176795		
332	96.7	76.6	115.0	
141	39.6	31.4	47.2	

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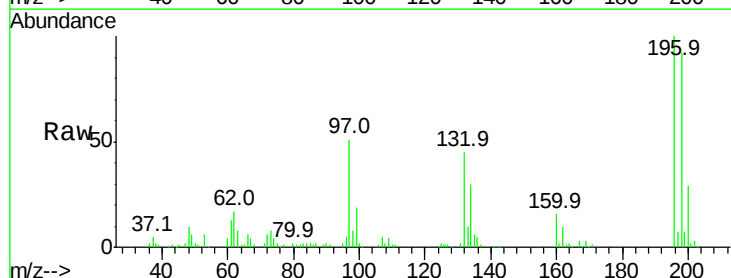


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

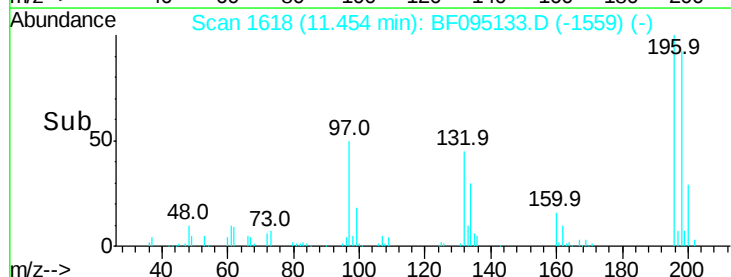
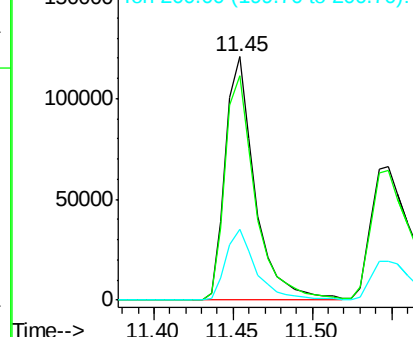


#42
 2,4,6-Trichlorophenol
 Concen: 45.64 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156843		
198	92.0	74.2	111.4	
200	29.3	24.0	36.0	



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





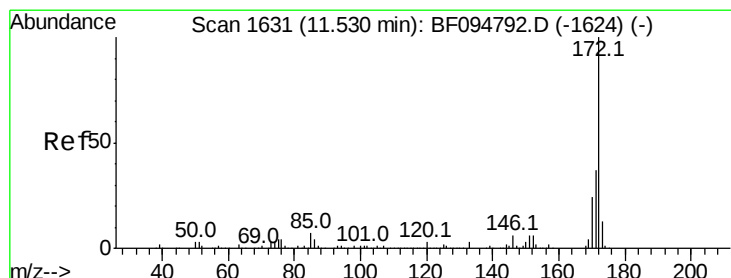
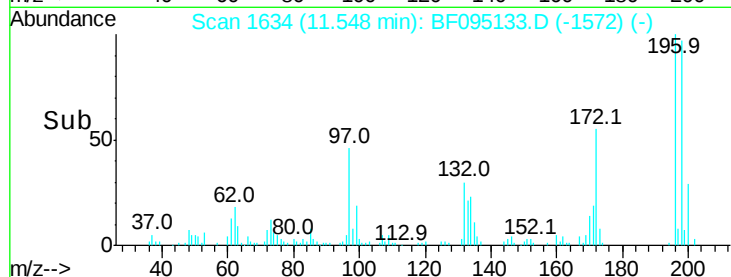
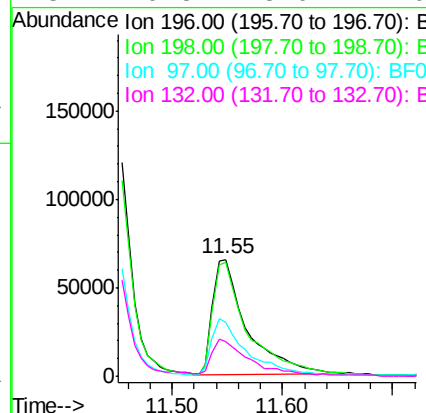
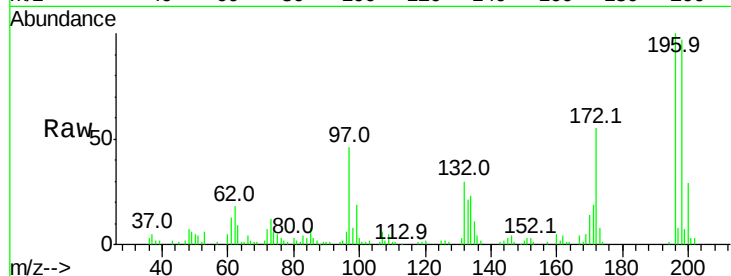
#43
 2,4,5-Trichlorophenol
 Concen: 38.51 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142269		
198	97.3	75.7	113.5	
97	46.3	47.7	71.5#	
132	29.8	28.0	42.0	

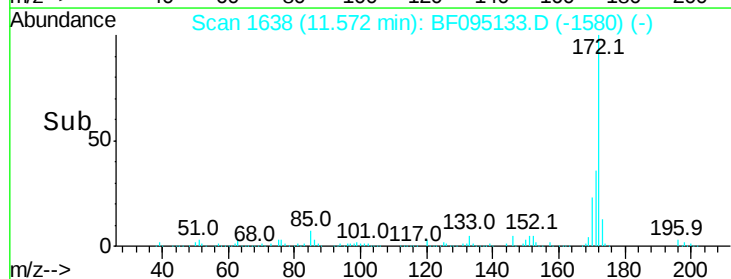
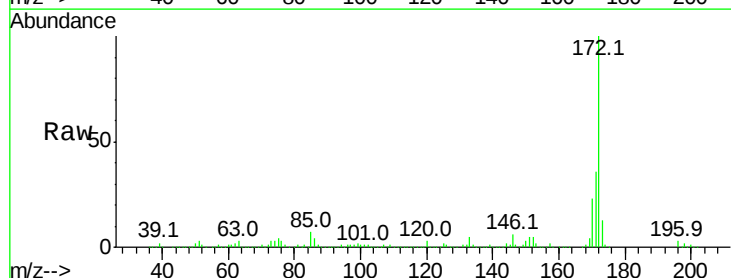
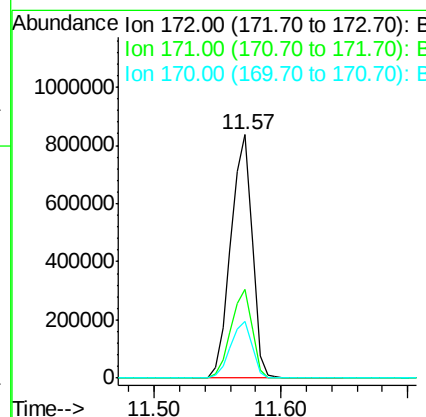
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#44
 2-Fluorobiphenyl
 Concen: 83.88 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	975473		
171	36.3	29.6	44.4	
170	23.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 42.56 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

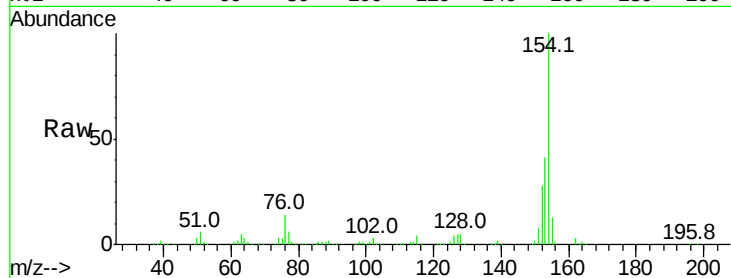
ClientSampleId :

FK-PS-01_002MSD

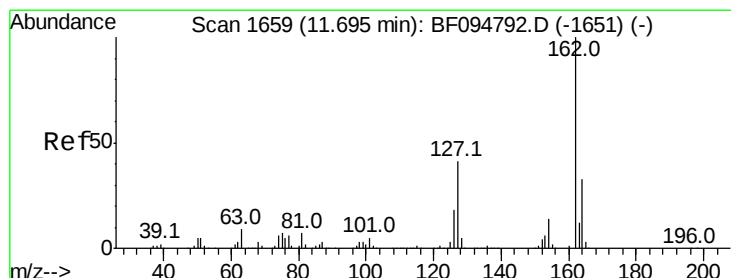
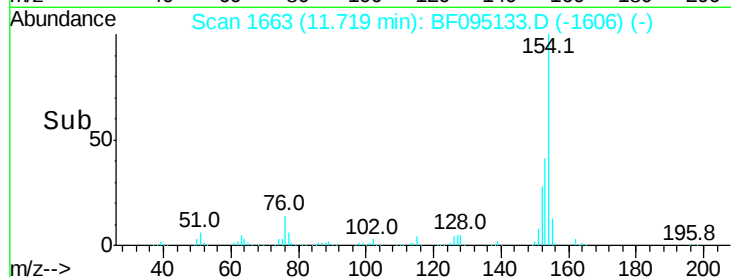
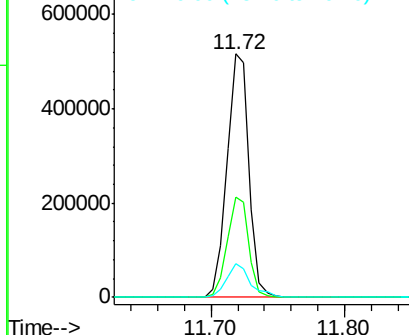
Tot Ion:	154	Resp:	599733
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	13.6	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 42.13 ng

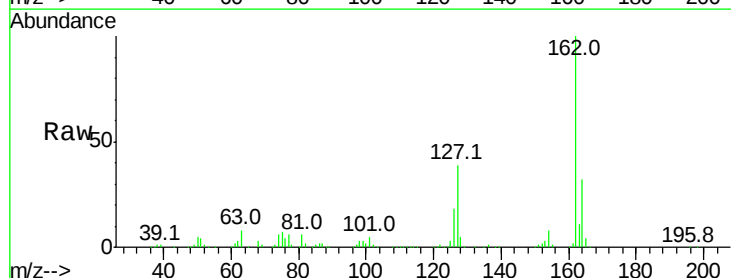
RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

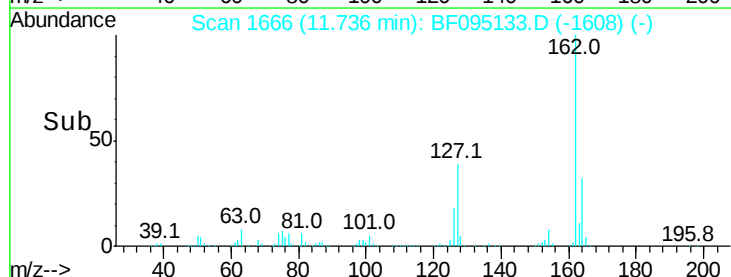
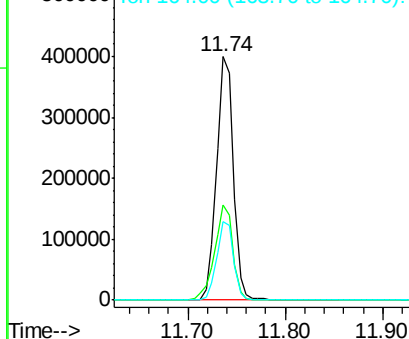
Lab File: BF095133.D

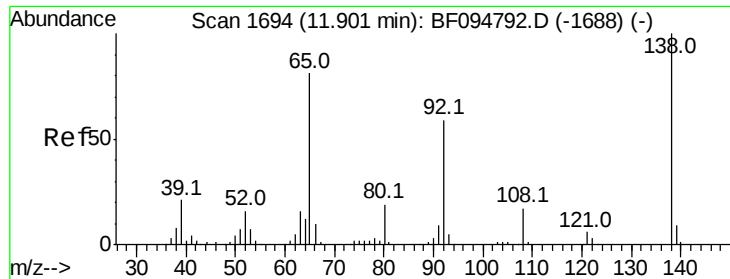
Acq: 15 May 2017 19:15

Tgt Ion:	162	Resp:	479376
Ion Ratio	Lower	Upper	
162	100		
127	39.0	28.3	42.5
164	32.0	27.0	40.4



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





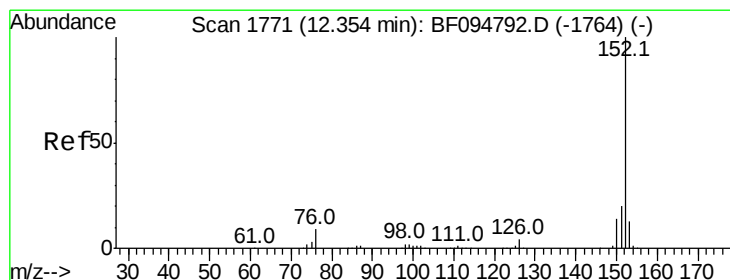
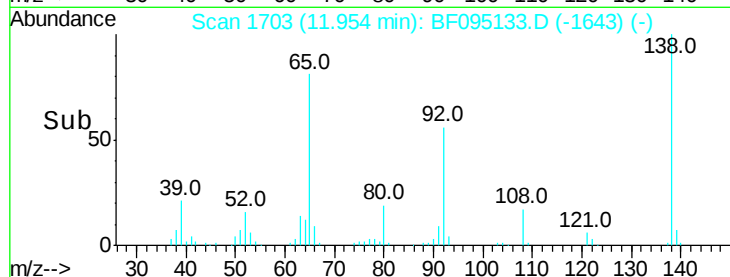
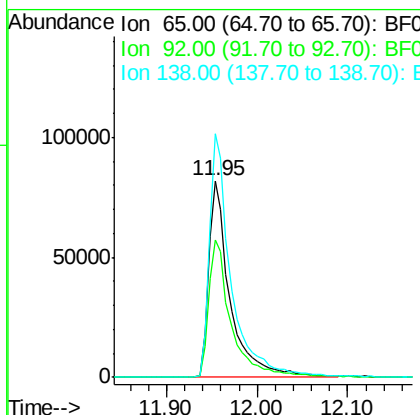
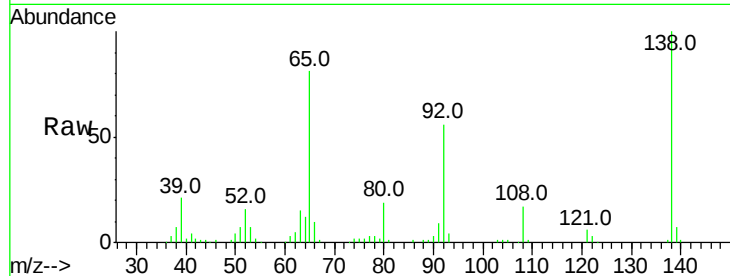
#47
 2-Nitroaniline
 Concen: 43.68 ng
 RT: 11.95 min Scan# 1703
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	123.9	78.8	118.2

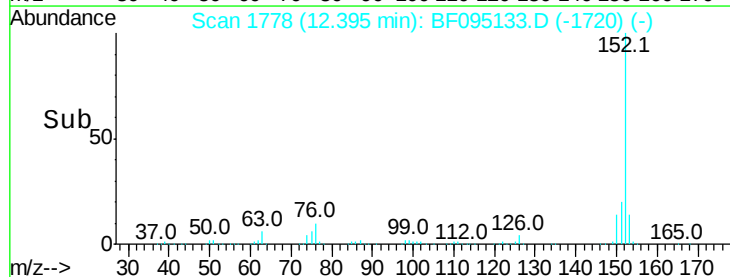
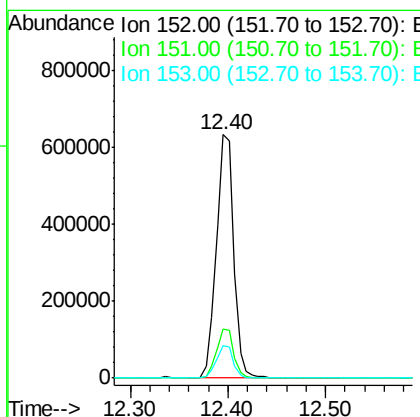
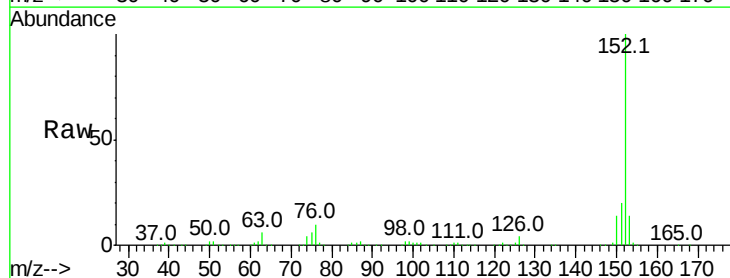
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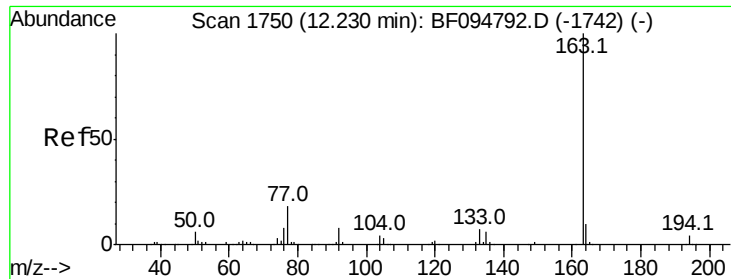
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#48
 Acenaphthylene
 Concen: 43.86 ng
 RT: 12.40 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.5	10.8	16.2





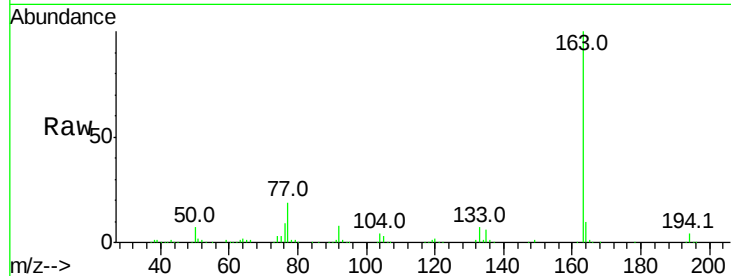
#49
Dimethylphthalate
Concen: 52.83 ng
RT: 12.27 min Scan# 1757
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

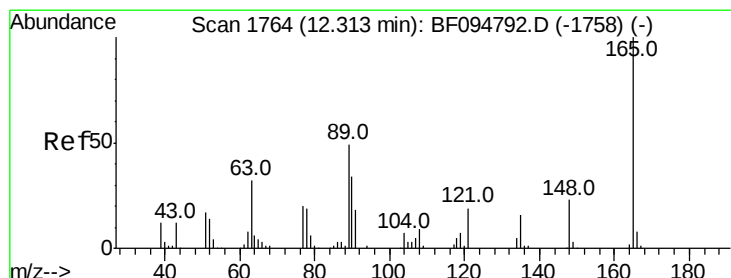
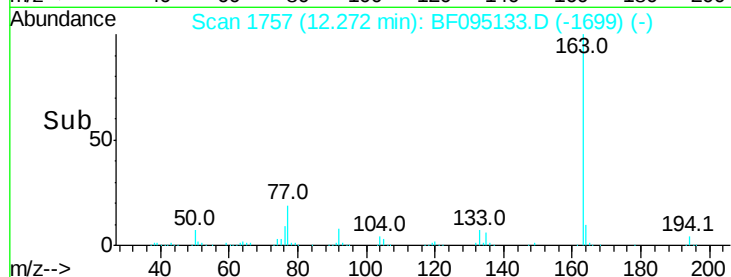
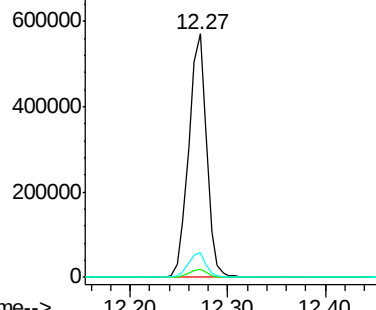
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

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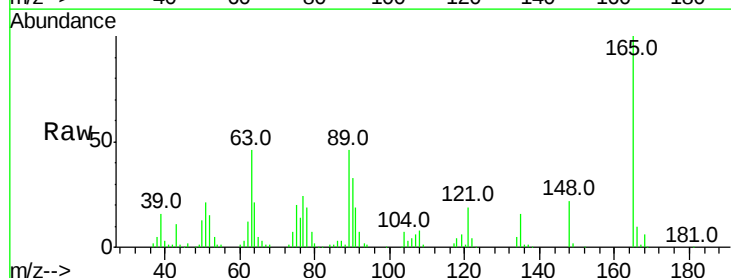


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

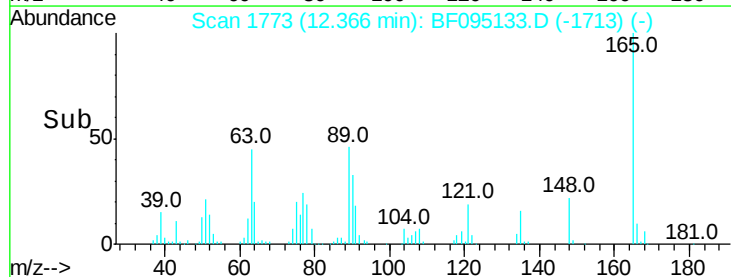
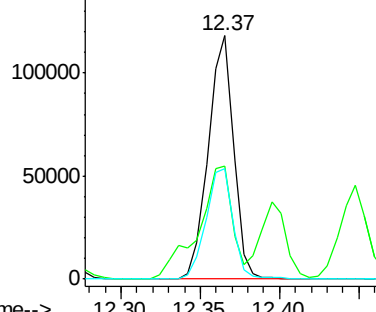


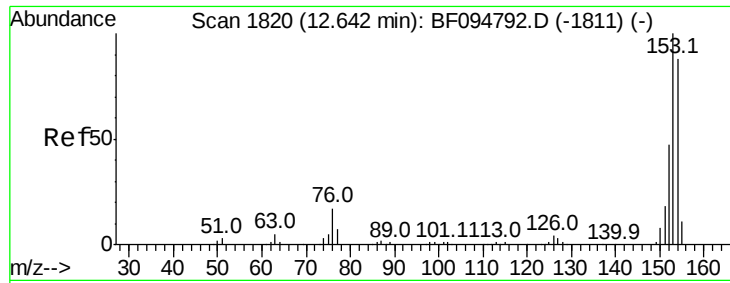
#50
2,6-Dinitrotoluene
Concen: 46.73 ng
RT: 12.37 min Scan# 1773
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	34.3	51.5	
89	45.6	37.1	55.7	



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: 43.20 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

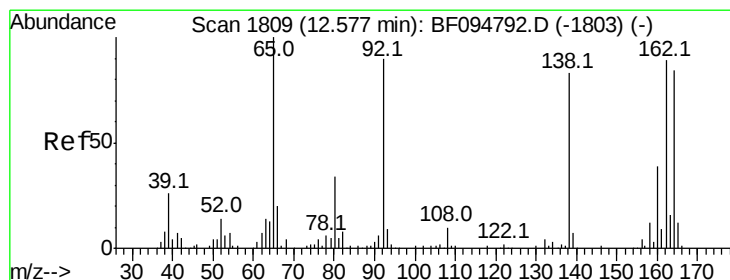
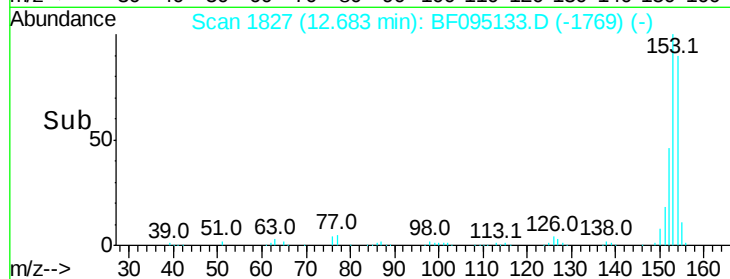
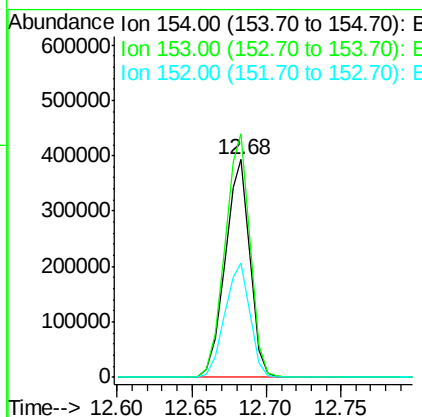
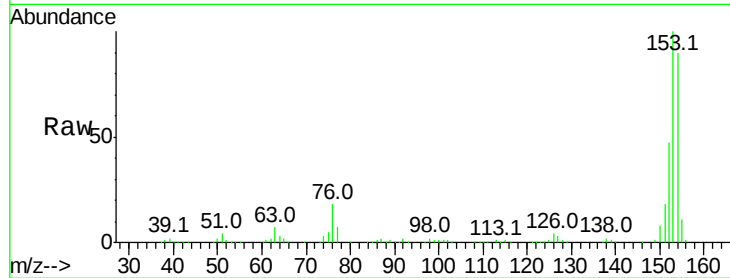
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	154	Resp:	459897
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.5	135.7
152	52.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.38 ng

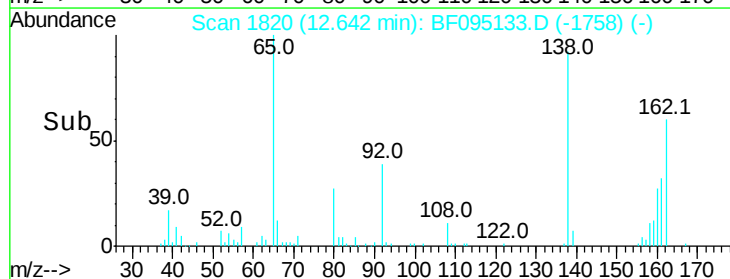
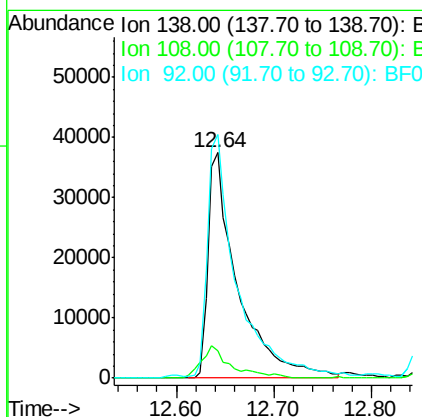
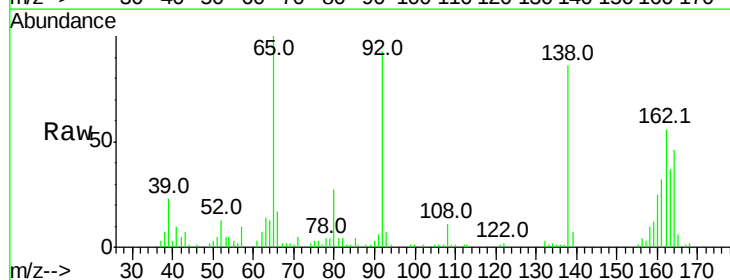
RT: 12.64 min Scan# 1820

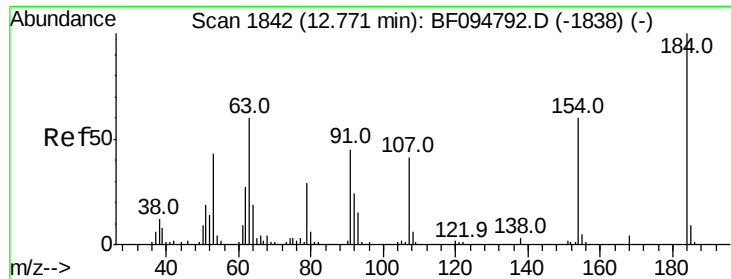
Delta R.T. 0.06 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	138	Resp:	79369
Ion Ratio	Lower	Upper	
138	100		
108	12.3	9.1	13.7
92	108.0	93.8	140.6





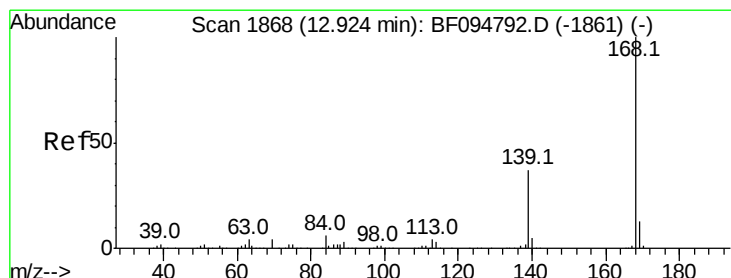
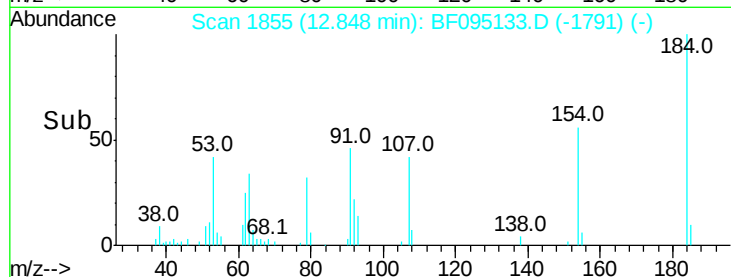
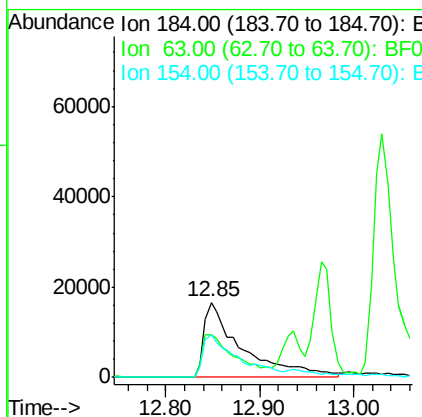
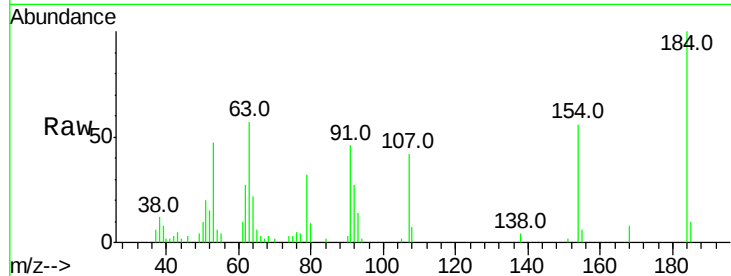
#53
 2,4-Dinitrophenol
 Concen: 34.08 ng
 RT: 12.85 min Scan# 1855
 Delta R.T. 0.08 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion:184 Resp: 46620
 Ion Ratio Lower Upper
 184 100
 63 57.2 62.7 94.1#
 154 56.4 81.1 121.7#

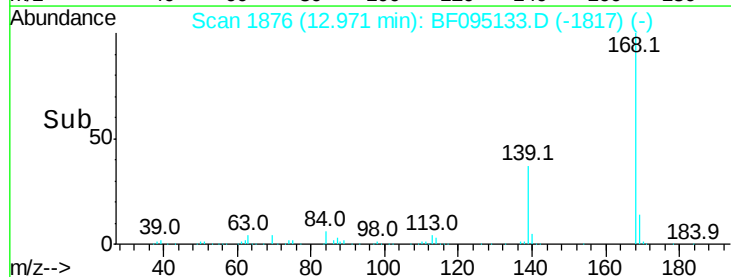
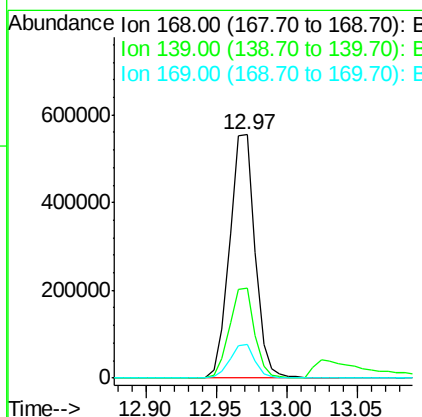
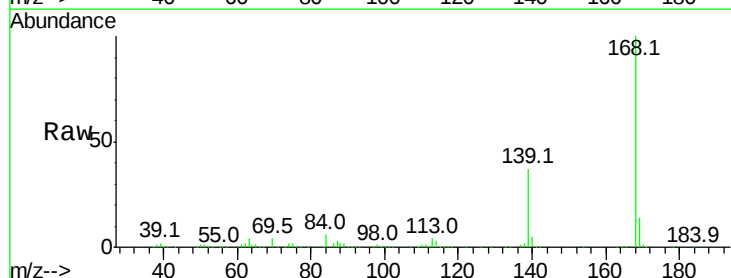
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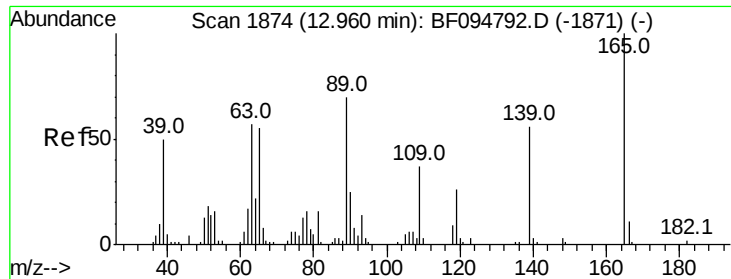
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#54
 Dibenzofuran
 Concen: 47.34 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion:168 Resp: 697457
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.8 10.8 16.2





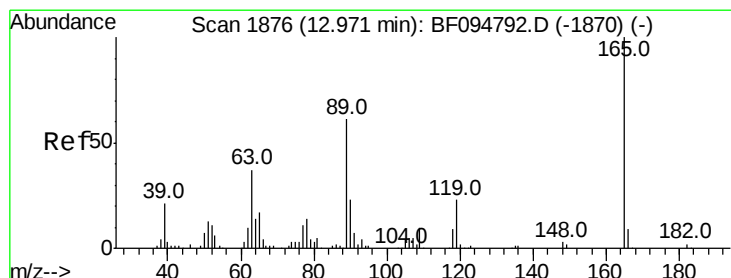
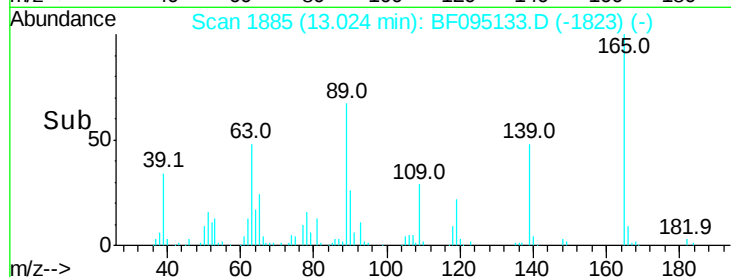
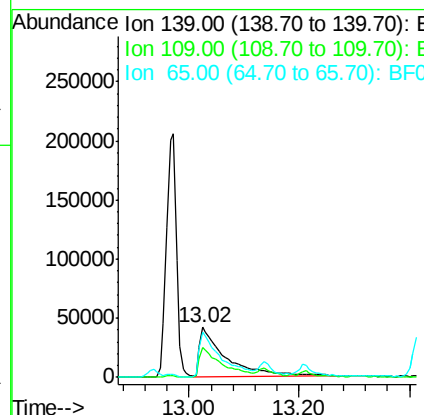
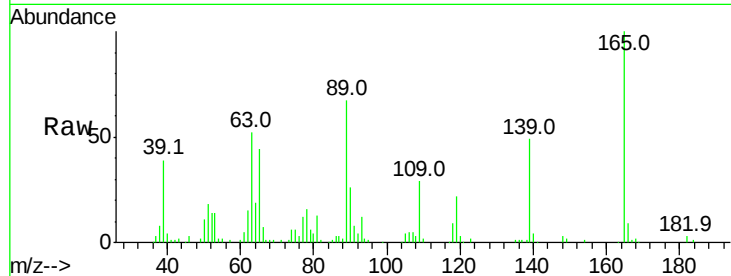
#55
4-Nitrophenol
Concen: 78.27 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	141447		
109	59.7	34.1	74.1	
65	89.4	31.4	71.4	

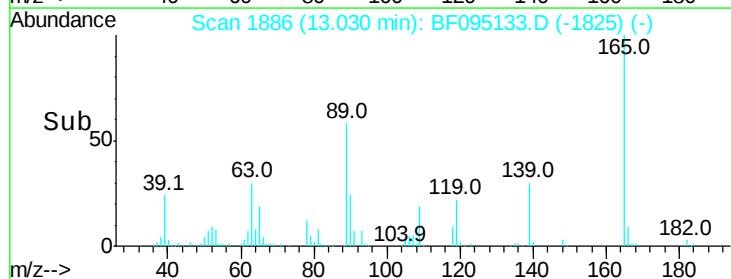
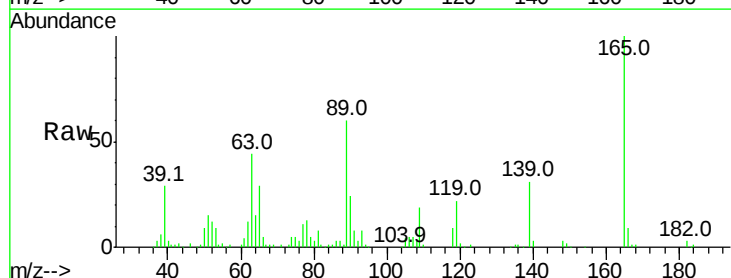
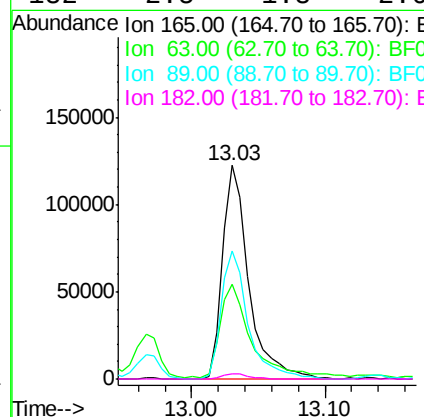
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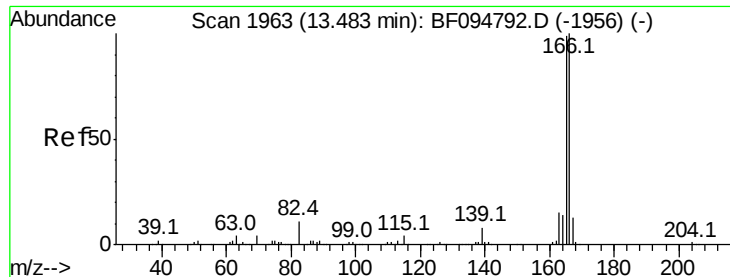
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#56
2,4-Dinitrotoluene
Concen: 47.26 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170247		
63	44.1	25.4	38.0	
89	59.7	46.4	69.6	
182	2.5	1.8	2.6	





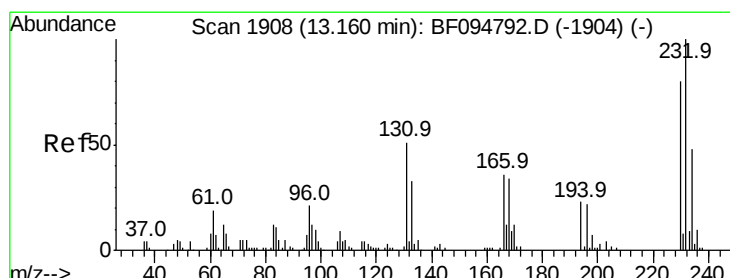
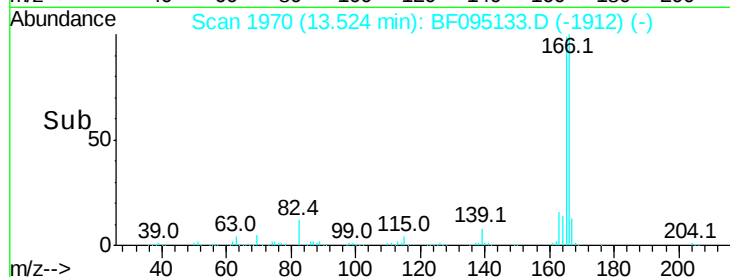
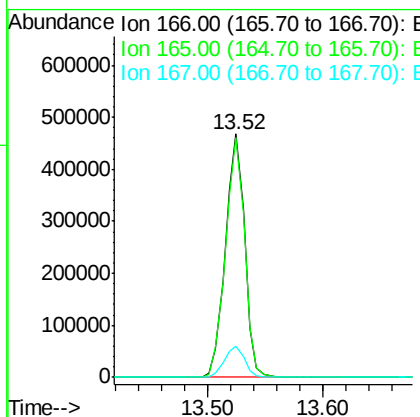
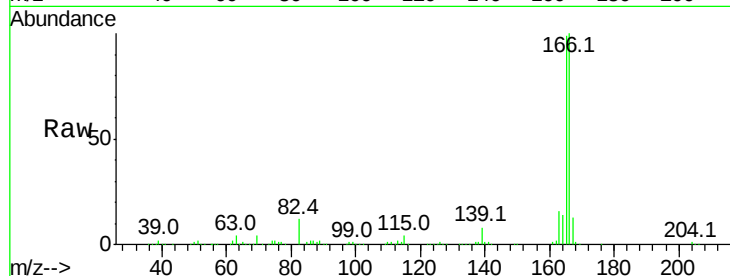
#57
 Fluorene
 Concen: 42.08 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.0	10.6	16.0

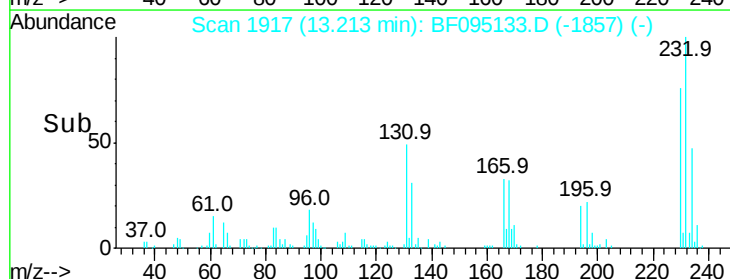
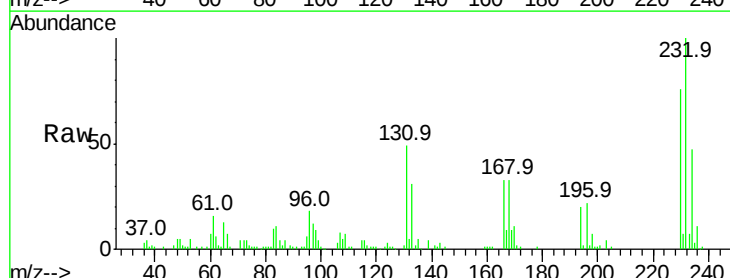
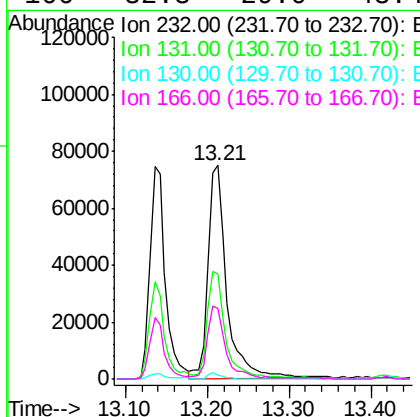
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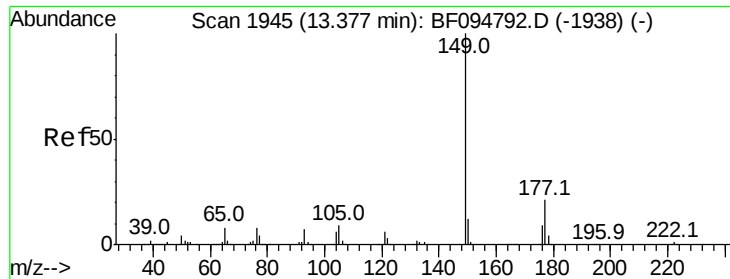
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.64 ng
 RT: 13.21 min Scan# 1917
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	44.8	67.2
130	2.1	2.3	3.5#
166	32.3	29.0	43.4





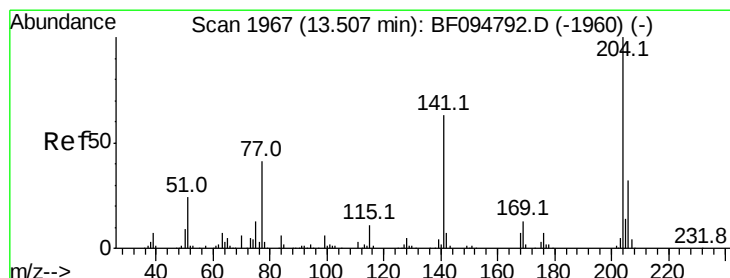
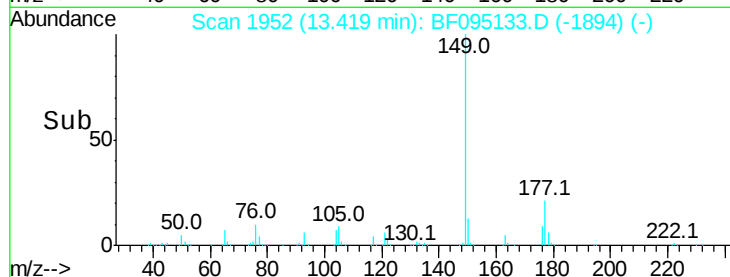
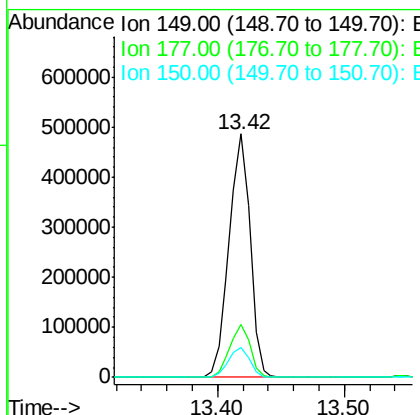
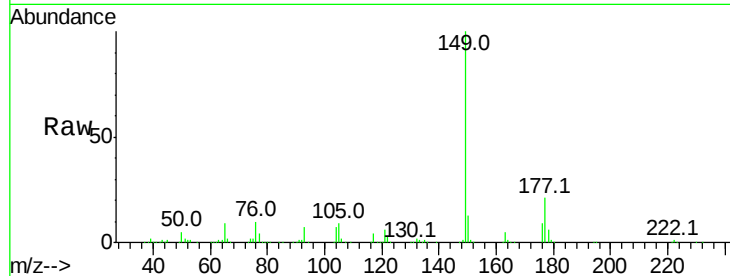
#59
Diethylphthalate
Concen: 42.54 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	560306		
177	21.5	16.7	25.1	
150	12.5	10.2	15.2	

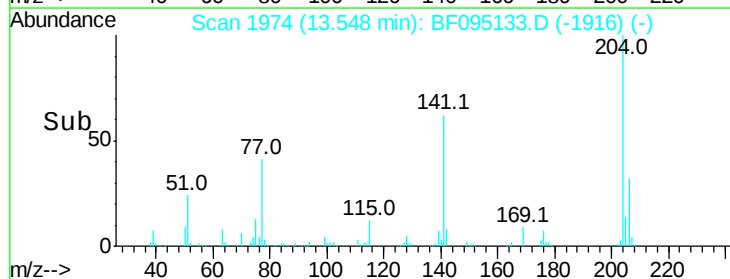
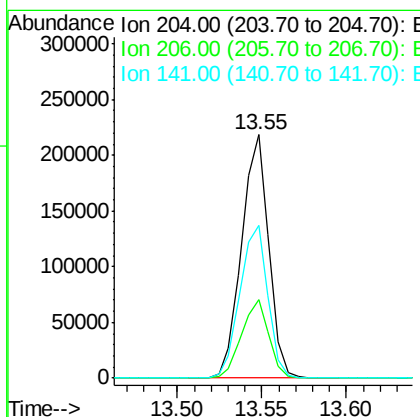
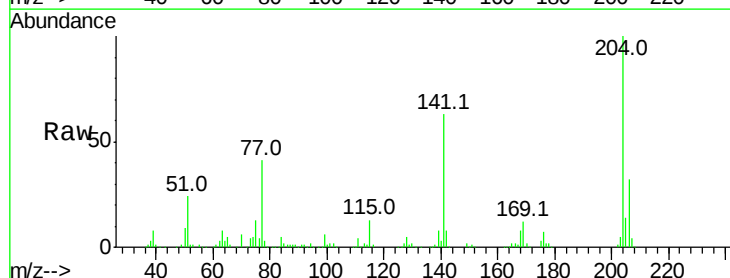
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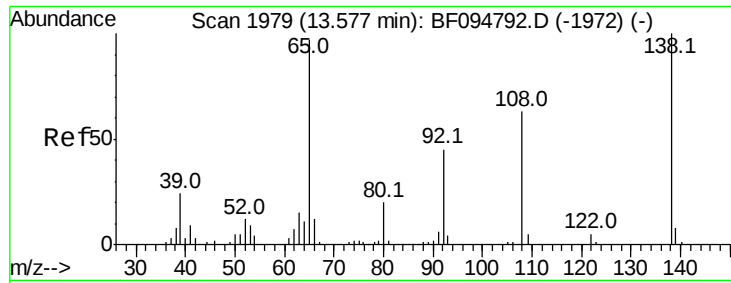
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.29 ng
RT: 13.55 min Scan# 1974
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243690		
206	32.4	26.2	39.2	
141	62.7	60.8	91.2	





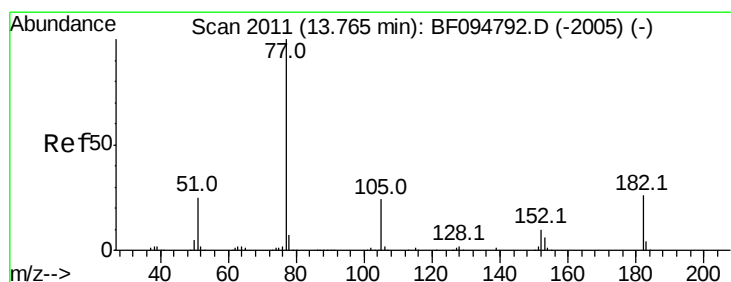
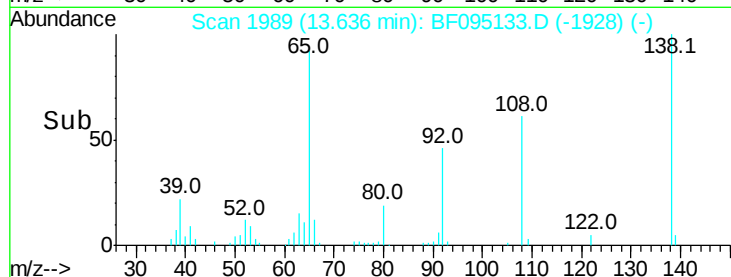
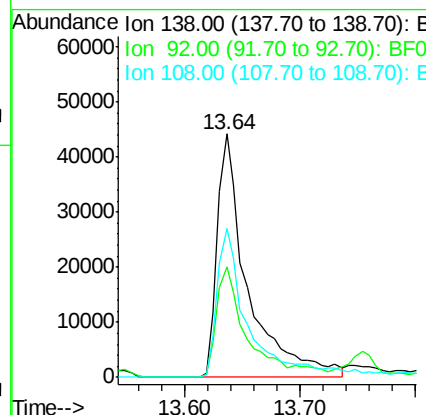
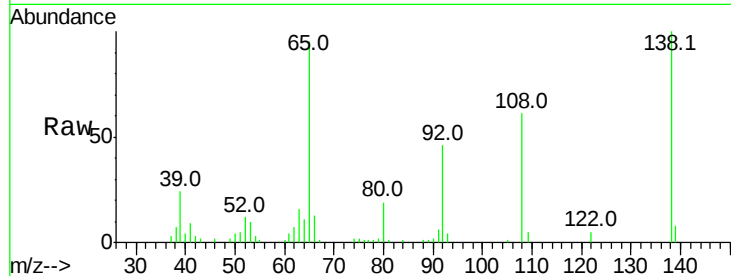
#61
4-Nitroaniline
Concen: 29.28 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	61.2	42.3	82.3

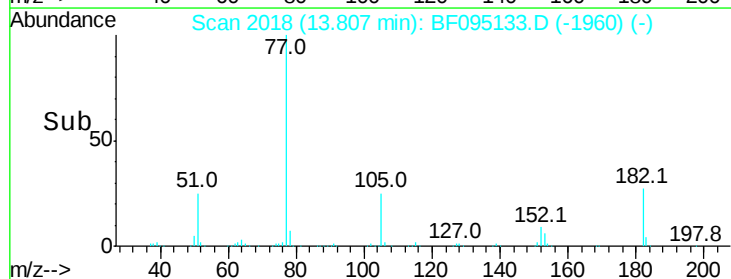
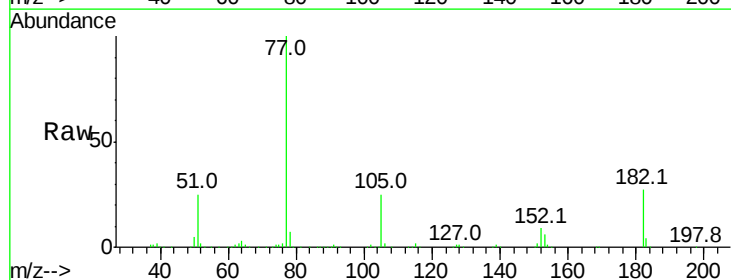
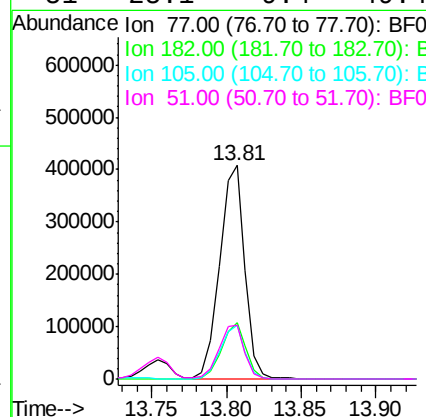
Manual Integrations
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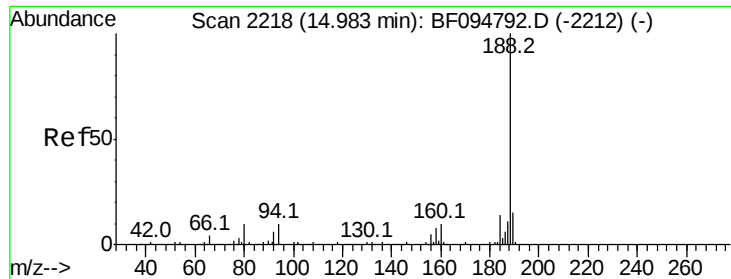
mohammad
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#62
Azobenzene
Concen: 45.33 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	0.1	40.1
105	25.0	3.6	43.6
51	25.1	9.4	49.4





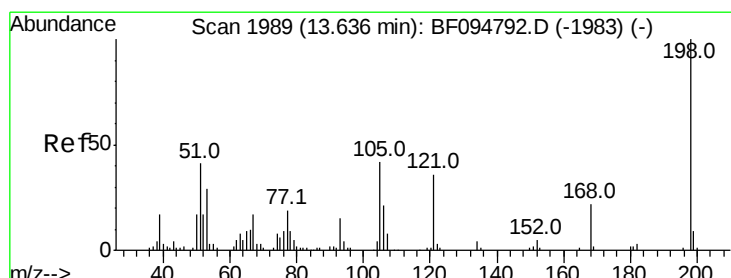
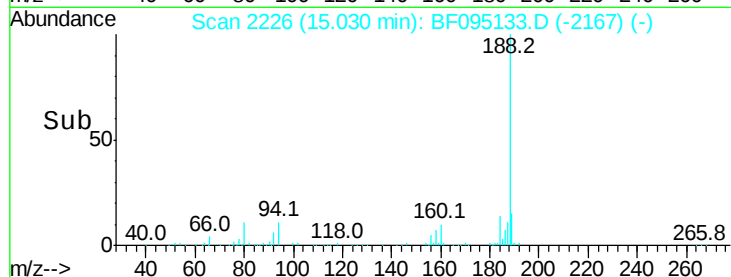
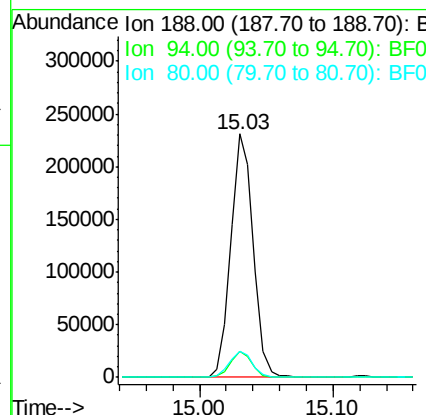
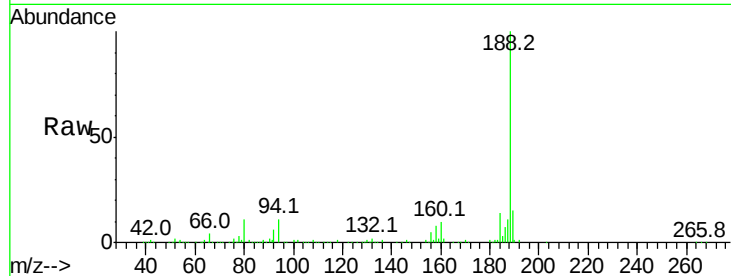
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272845		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

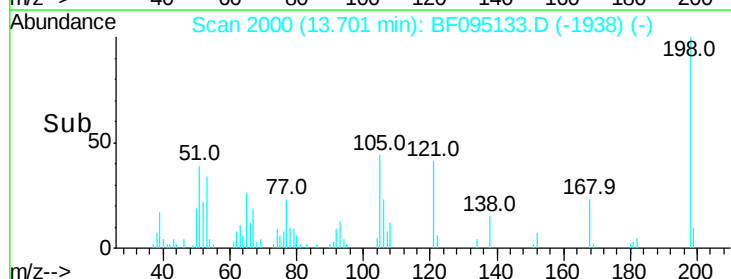
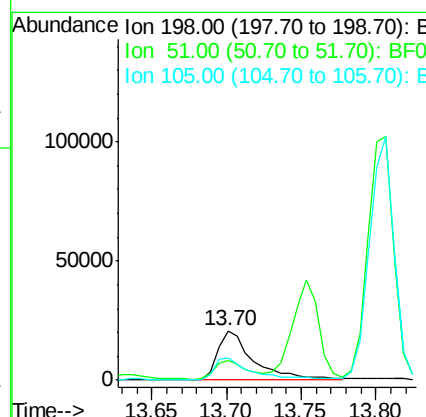
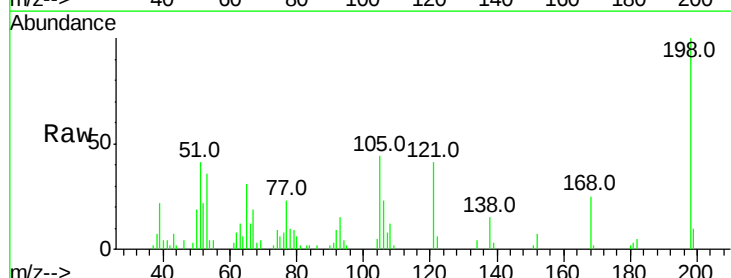
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.98 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34721		
51	40.7		53.2	93.2#
105	44.0		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 43.62 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

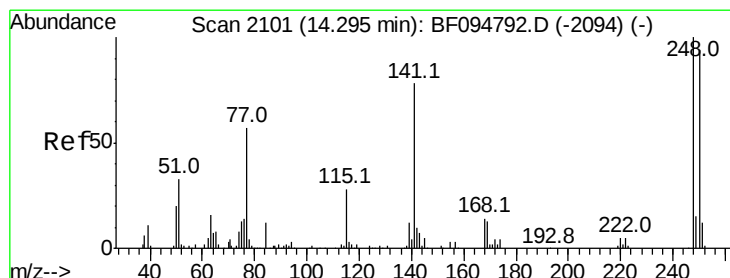
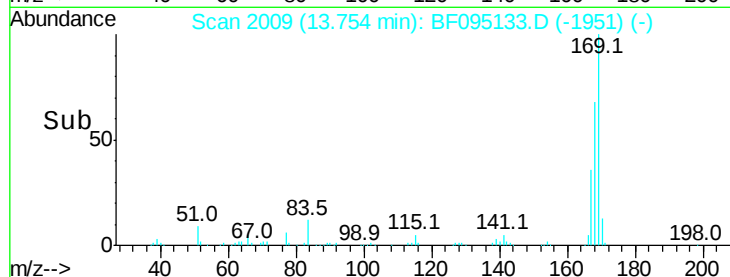
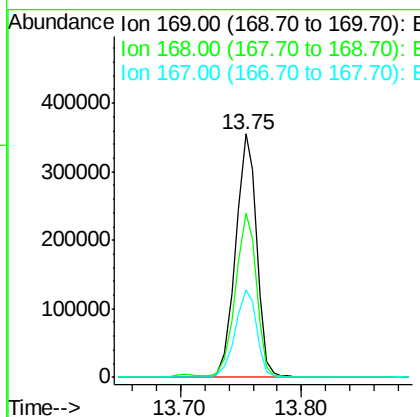
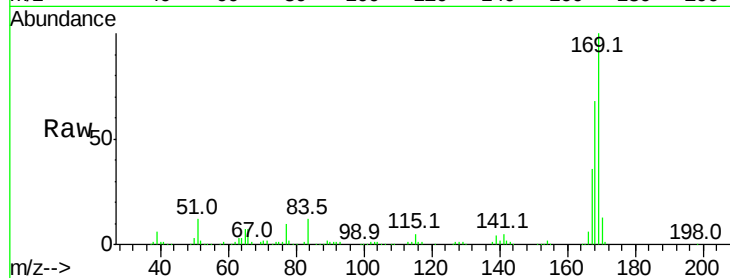
ClientSampleId :

FK-PS-01_002MSD

Tot Ion:	169	Resp:	431952
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	35.8	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 45.64 ng

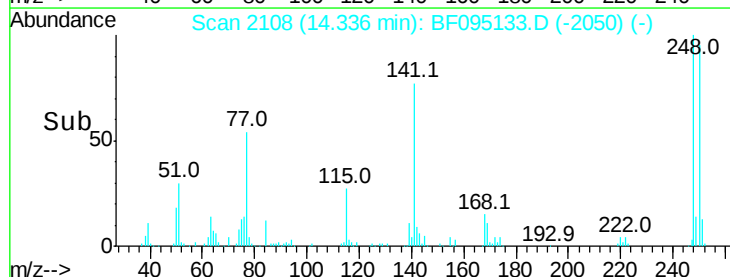
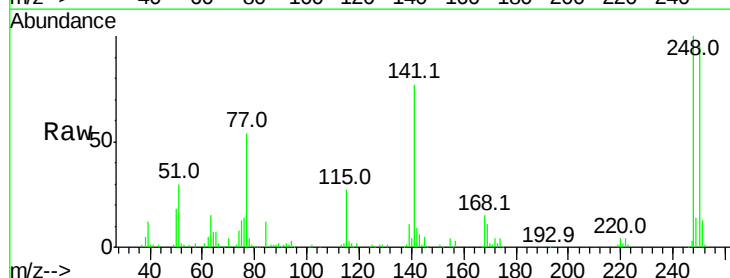
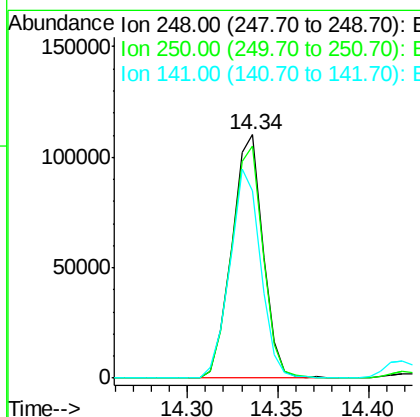
RT: 14.34 min Scan# 2108

Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion:	248	Resp:	131561
Ion Ratio	Lower	Upper	
248	100		
250	95.2	76.8	115.2
141	77.0	68.6	103.0





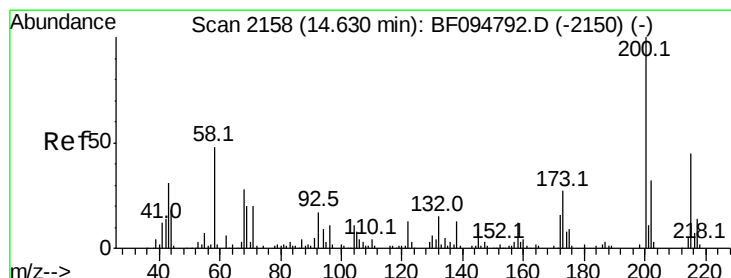
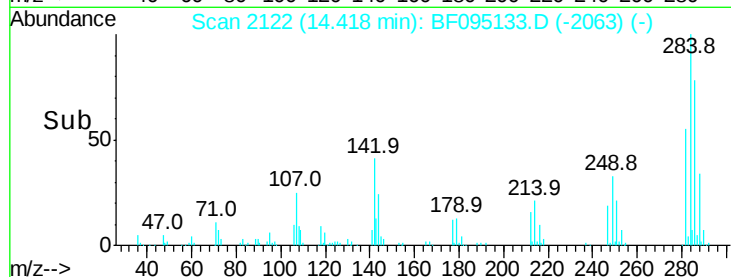
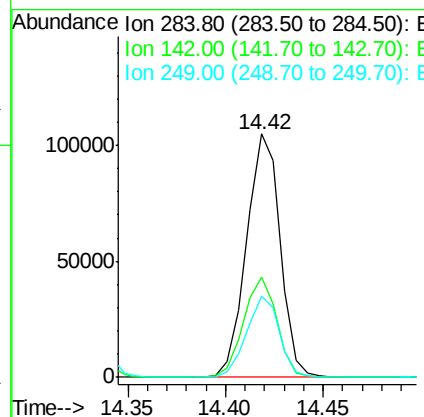
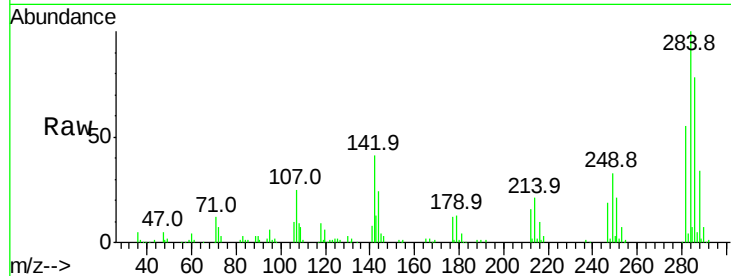
#67
Hexachlorobenzene
Concen: 42.43 ng
RT: 14.42 min Scan# 2122
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.3	22.8	34.2	#
249	33.4	24.0	36.0	

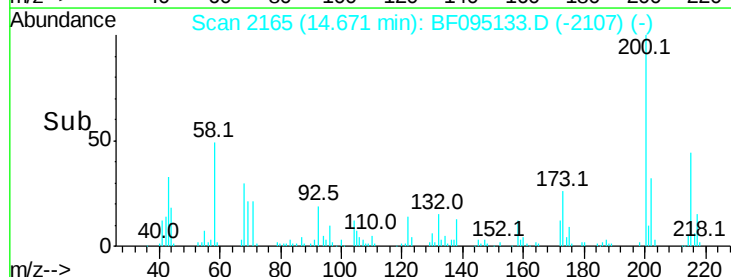
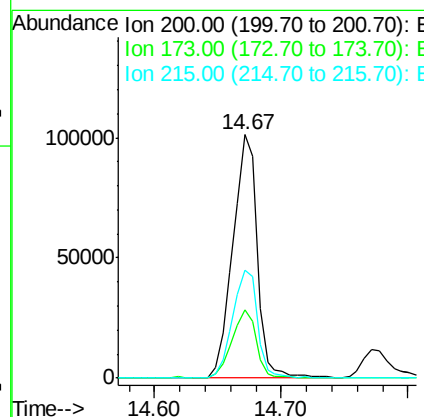
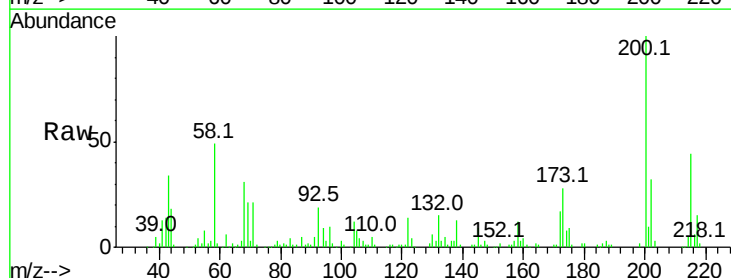
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#68
Atrazine
Concen: 48.17 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	6.3	46.3	
215	44.3	27.2	67.2	





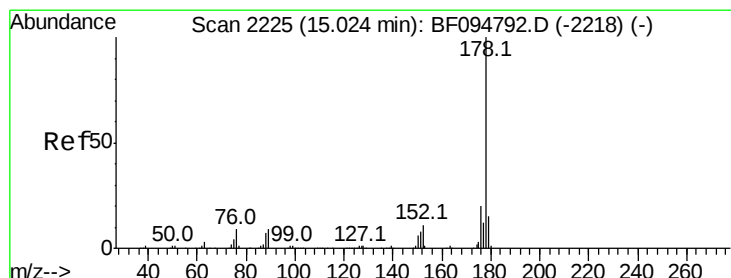
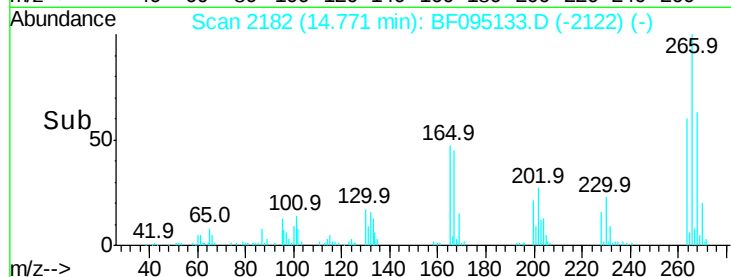
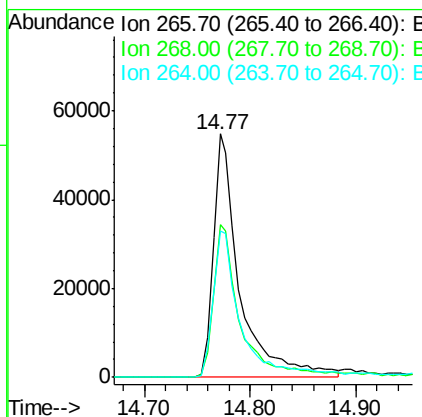
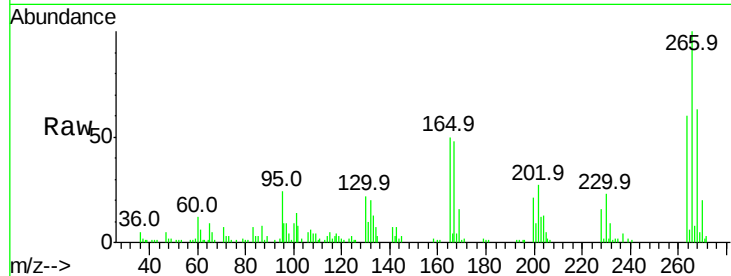
#69
 Pentachlorophenol
 Concen: 72.36 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	60.0	51.7	77.5

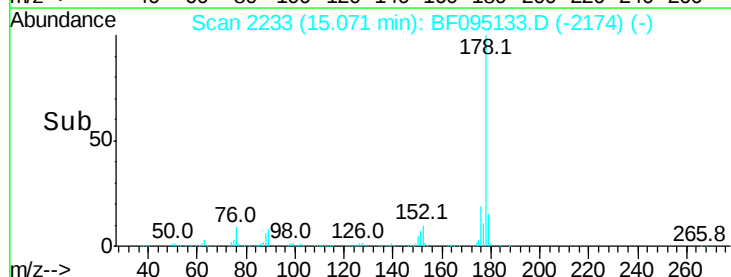
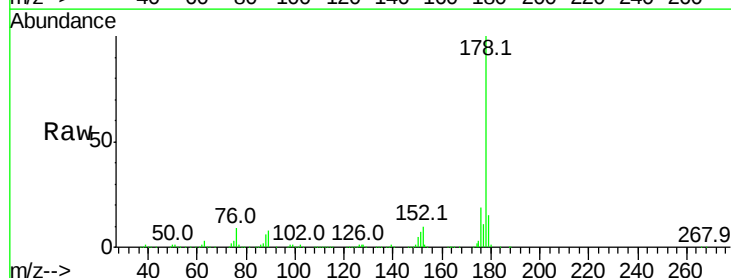
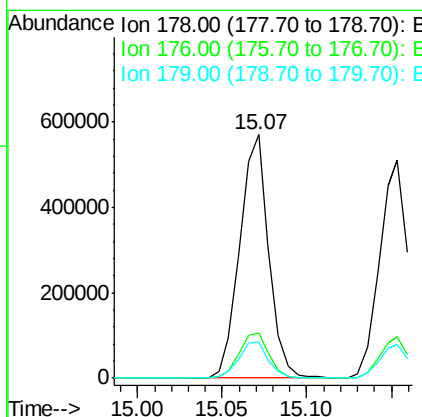
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#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.1	12.6	19.0





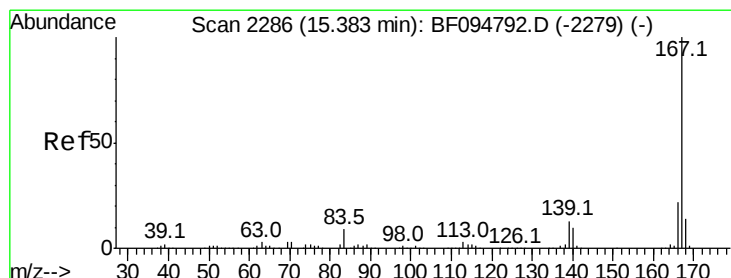
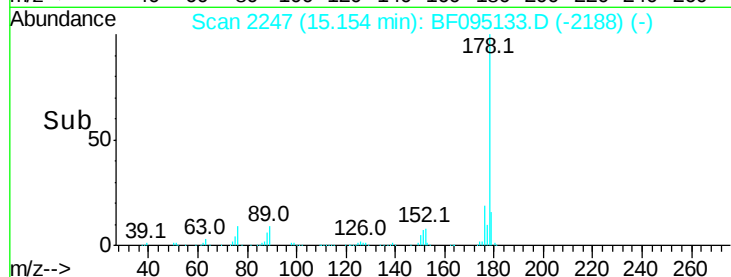
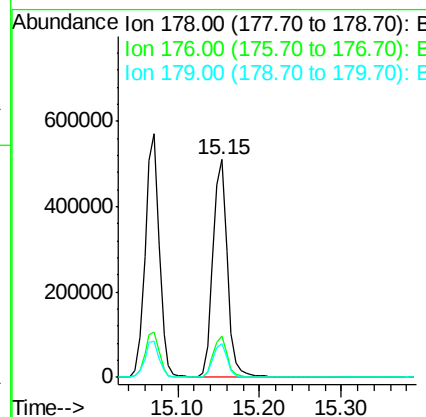
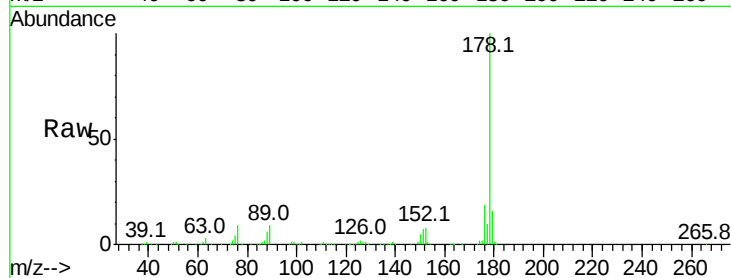
#71
 Anthracene
 Concen: 39.15 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1

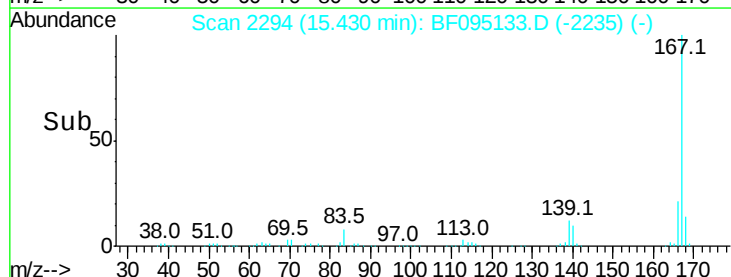
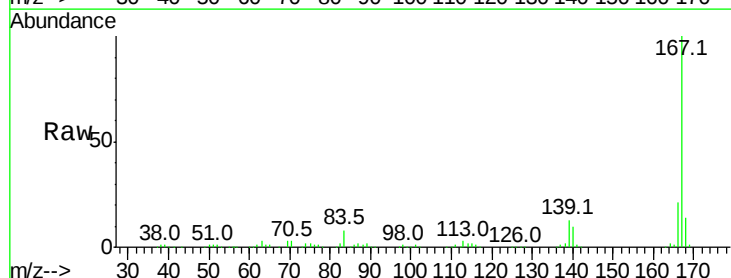
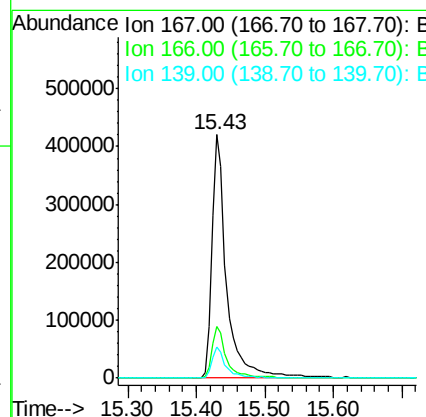
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#72
 Carbazole
 Concen: 43.49 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.8	11.7	17.5





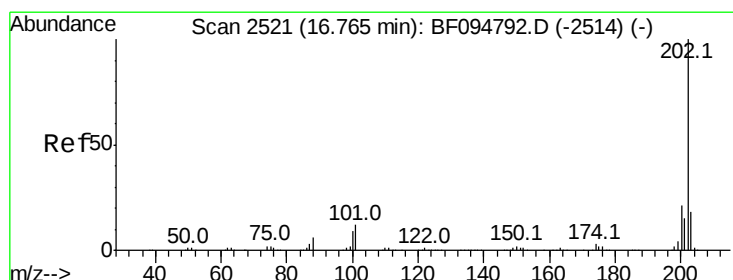
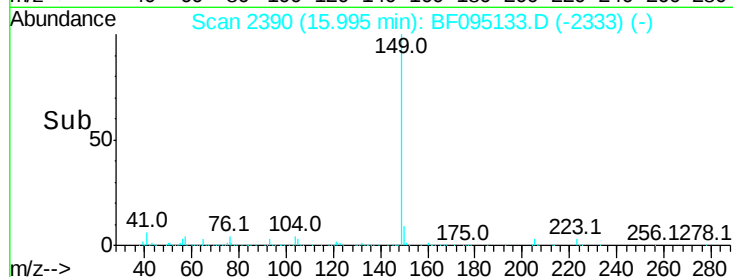
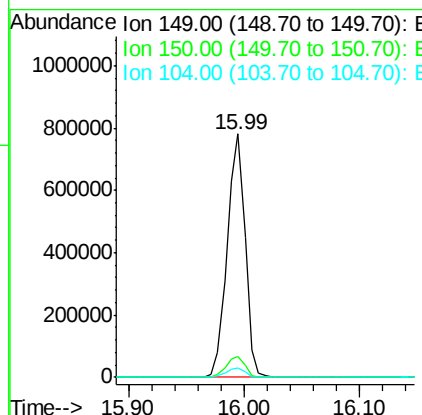
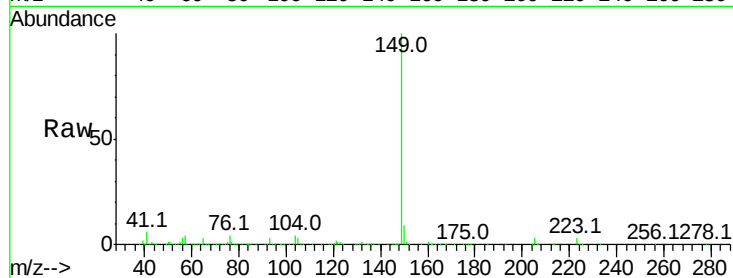
#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	7.7	11.5	
104	4.1	4.0	6.0	

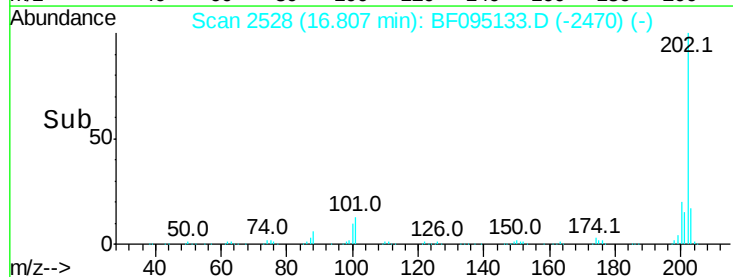
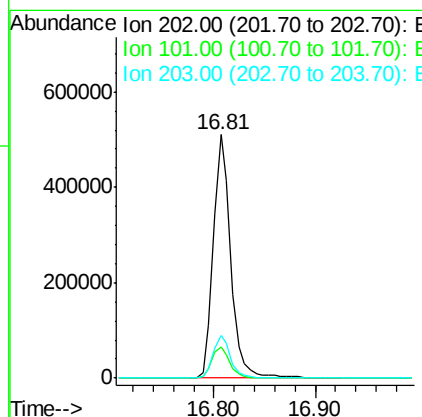
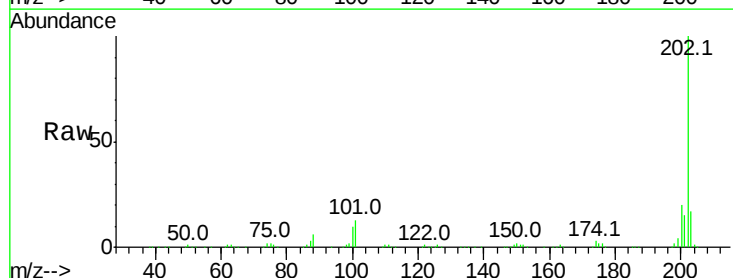
Manual Integrations
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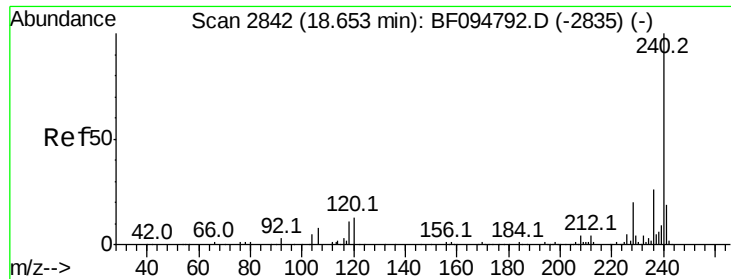
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#74
Fluoranthene
Concen: 37.97 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.0	0.0	33.2	
203	17.5	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_002MSD

Tot Ion:240 Resp: 183698

Ion Ratio Lower Upper

240 100

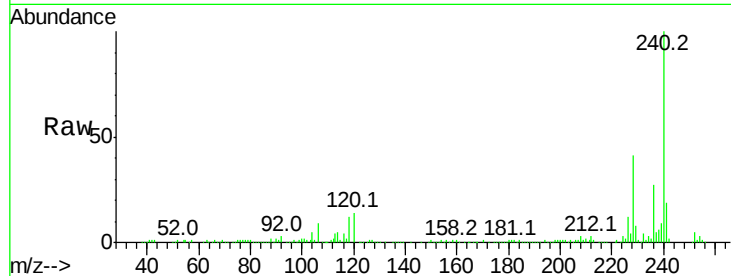
120 13.9 5.8 8.8#

236 26.6 20.5 30.7

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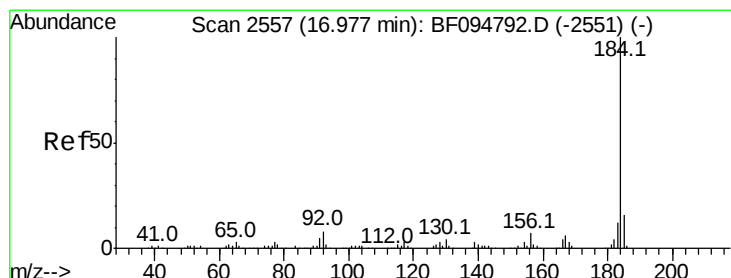
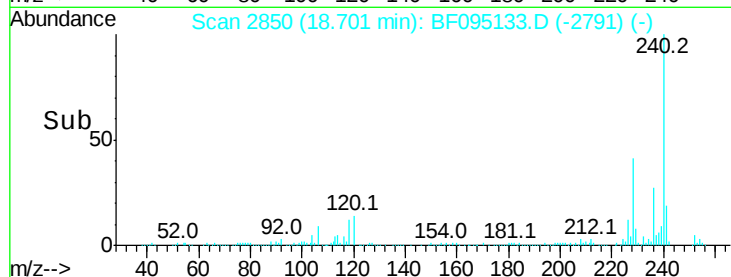
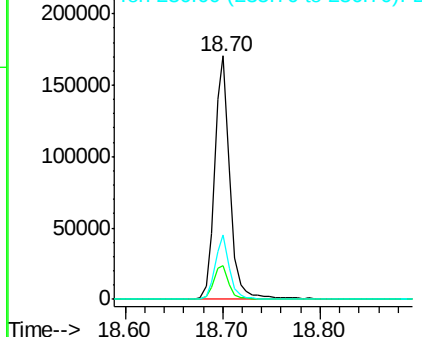
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.02 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

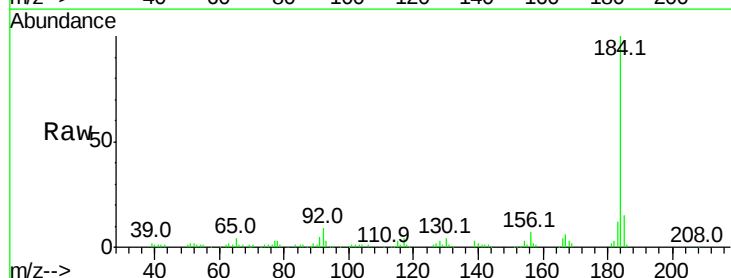
Tgt Ion:184 Resp: 175248

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

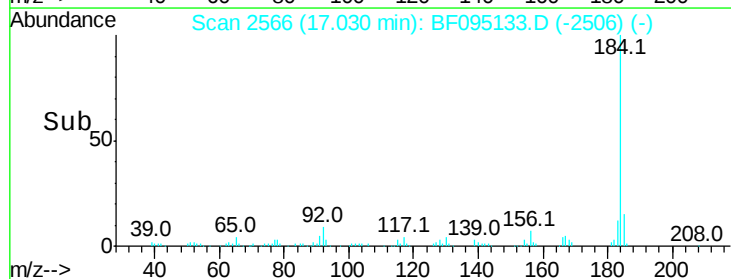
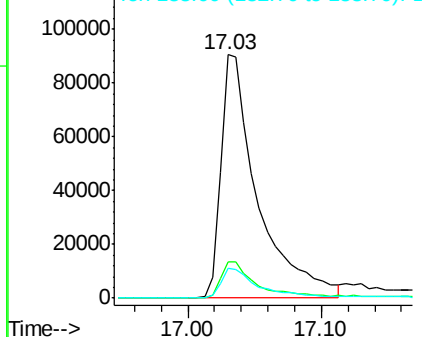
183 12.4 9.8 14.6

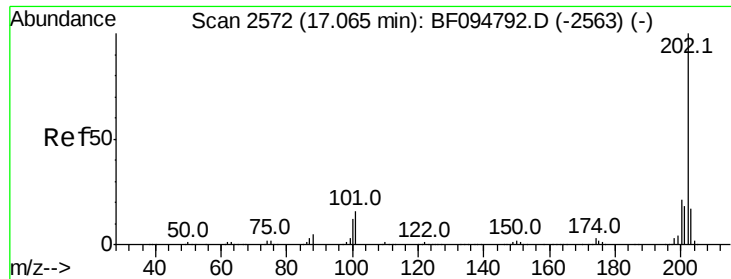


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.84 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

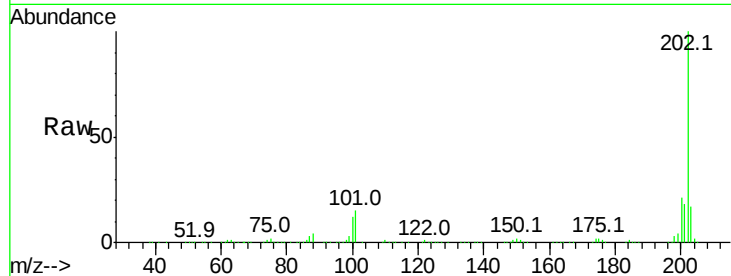
ClientSampleId :

FK-PS-01_002MSD

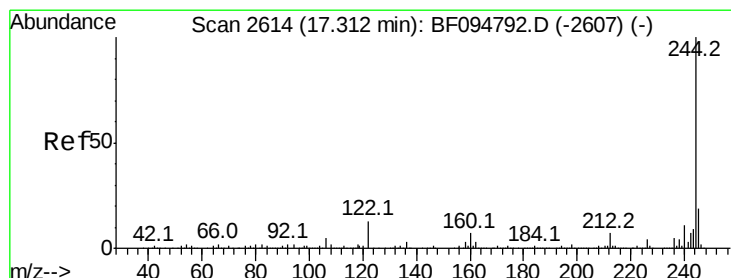
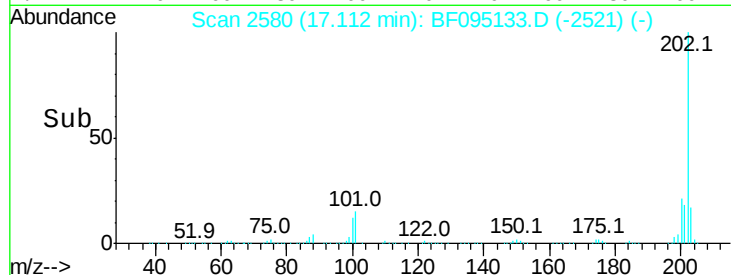
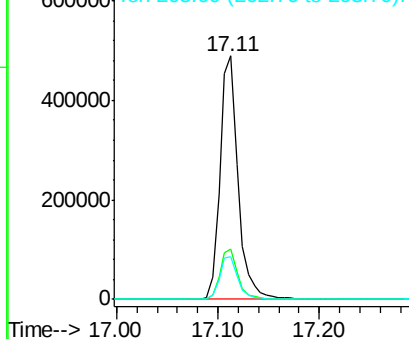
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.3	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.95 ng

RT: 17.35 min Scan# 2620

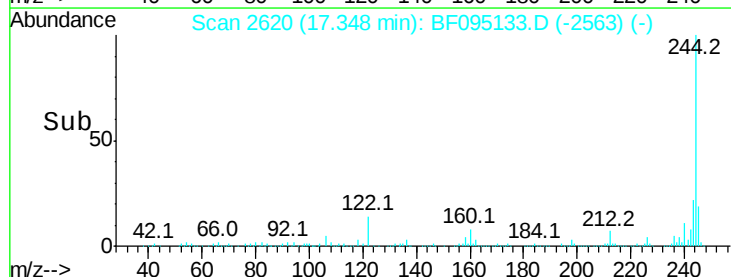
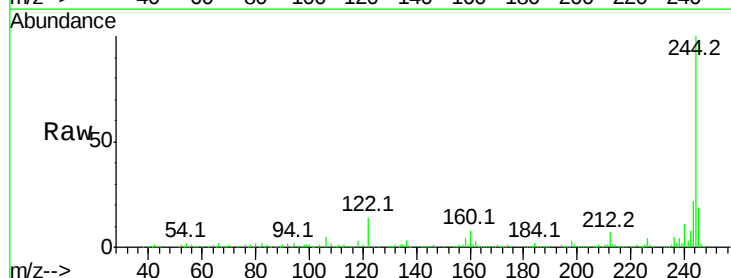
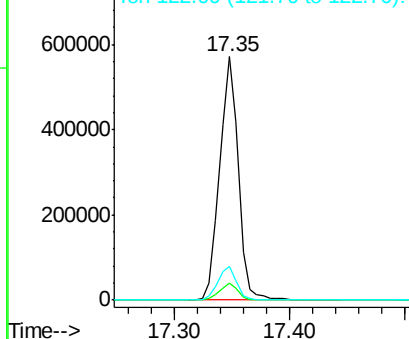
Delta R.T. 0.04 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.1	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





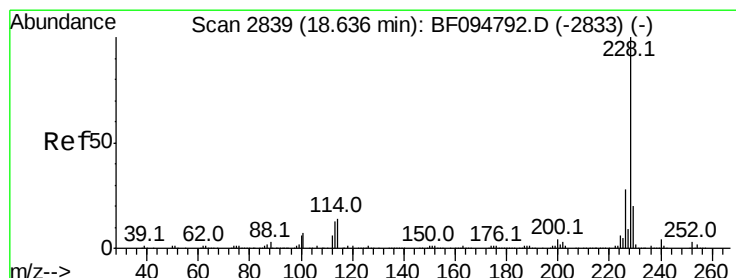
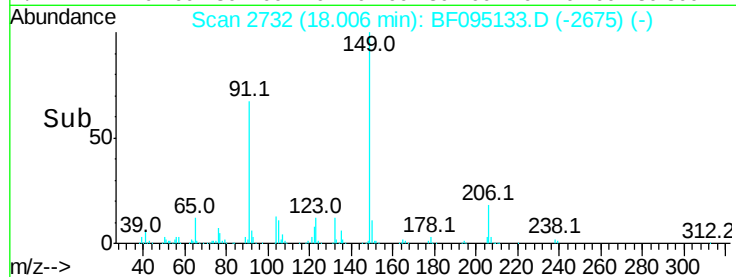
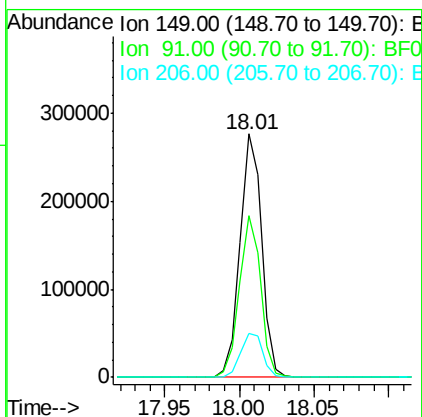
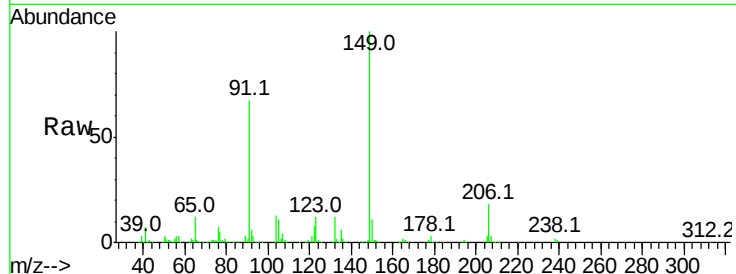
#79
Butylbenzylphthalate
Concen: 43.89 ng
RT: 18.01 min Scan# 2732
Delta R.T. 0.04 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	280462		
91	66.6	45.0	67.4	
206	18.0	17.0	25.6	

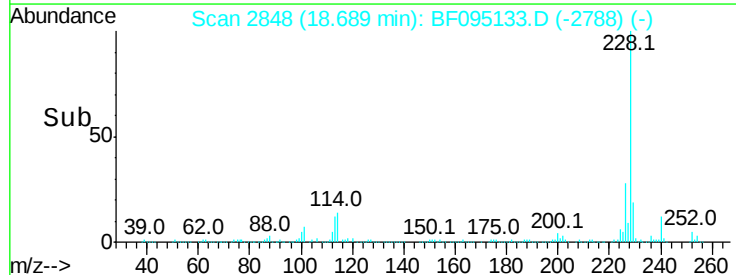
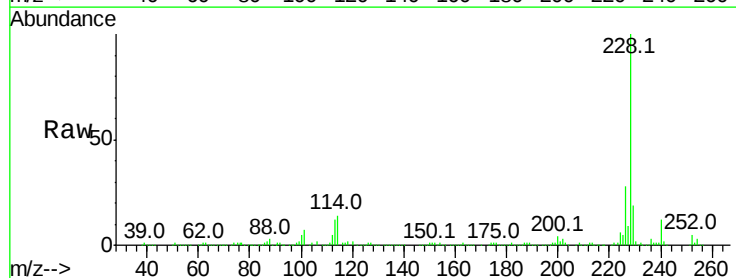
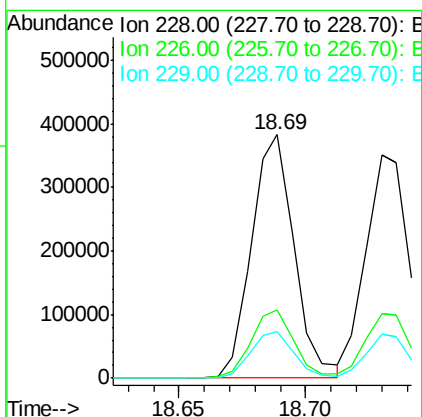
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#80
Benzo(a)anthracene
Concen: 42.06 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	449622		
226	28.0	22.6	33.8	
229	19.2	16.3	24.5	





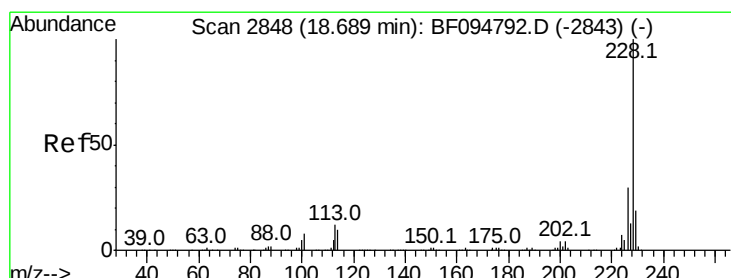
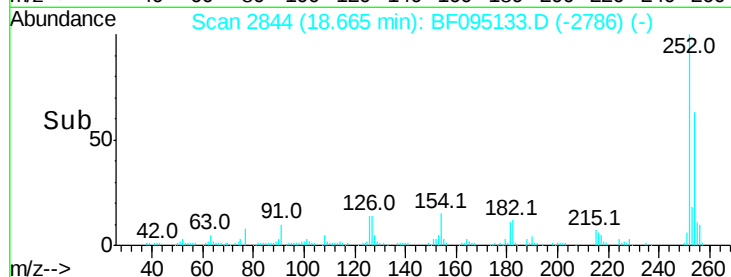
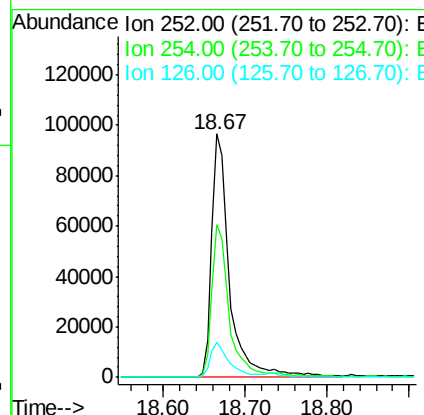
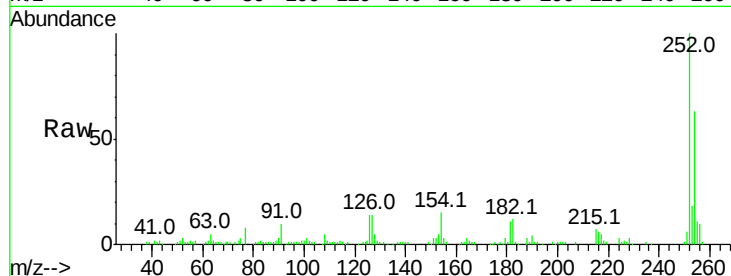
#81
 3,3'-Dichlorobenzidine
 Concen: 39.84 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	14.1	15.8	23.8

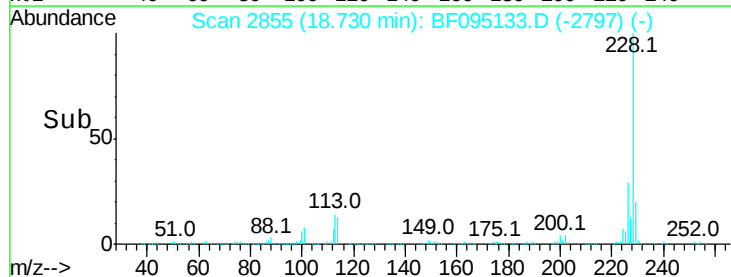
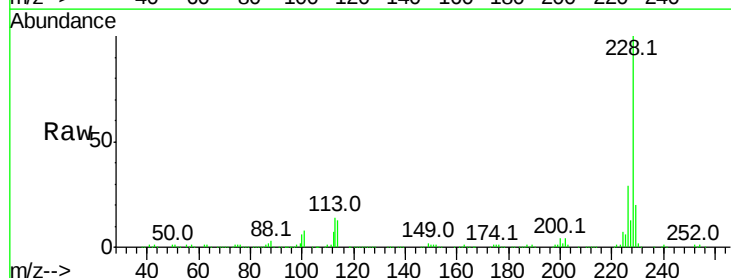
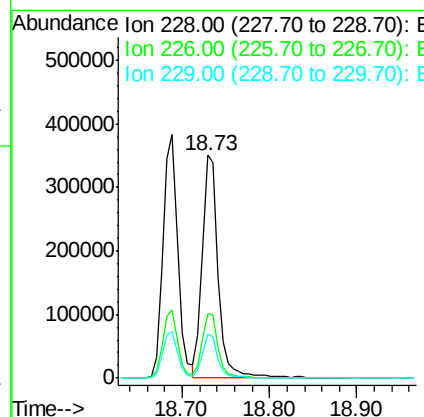
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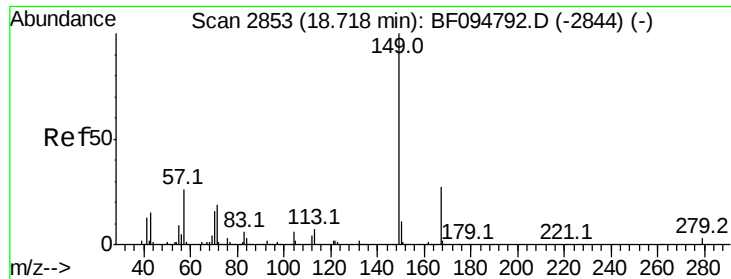
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#82
 Chrysene
 Concen: 43.04 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	20.0	15.8	23.6





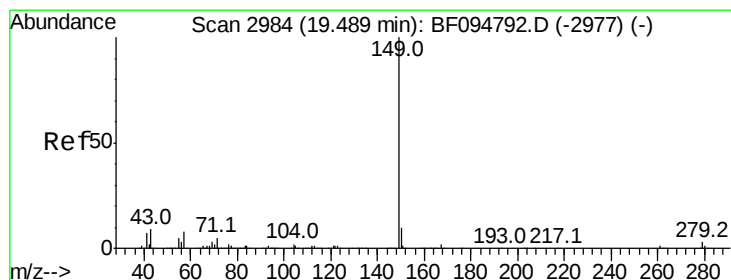
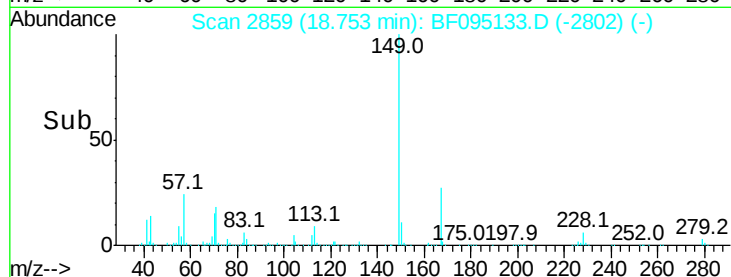
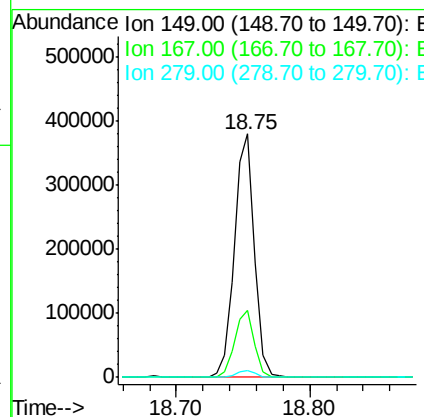
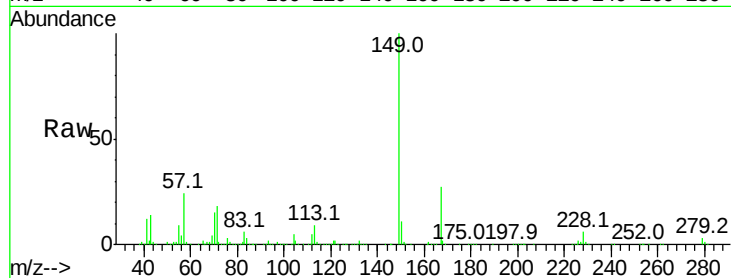
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 18.75 min Scan# 2859
 Delta R.T. 0.04 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	399791		
167	27.4	21.0	31.4	
279	3.0	1.9	2.9#	

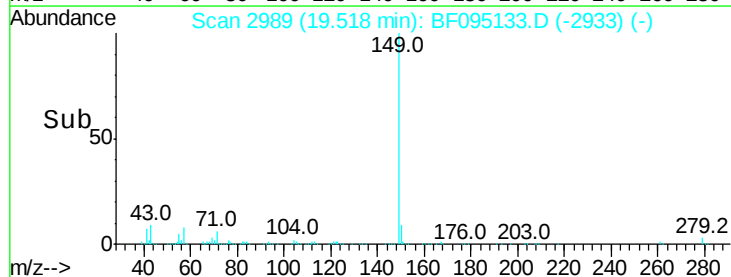
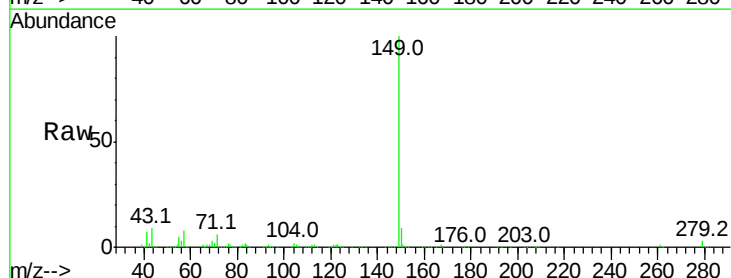
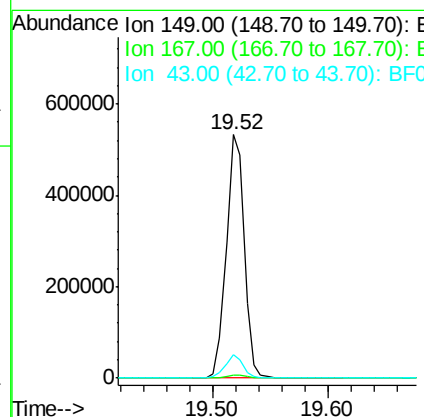
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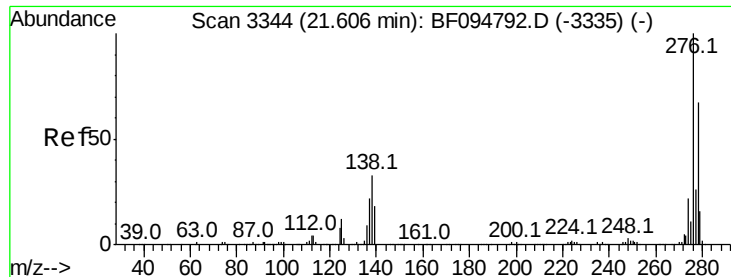
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#84
 Di-n-octyl phthalate
 Concen: 38.58 ng
 RT: 19.52 min Scan# 2989
 Delta R.T. 0.03 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	575838		
167	1.6	1.2	1.8	
43	8.7	8.5	12.7	





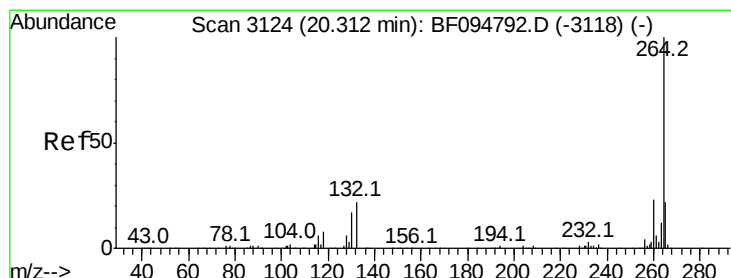
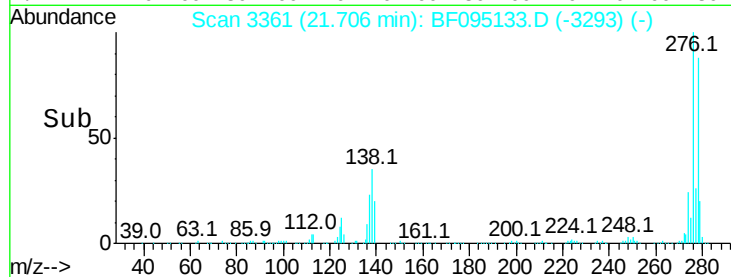
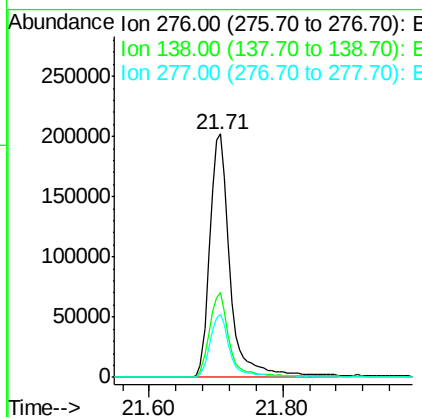
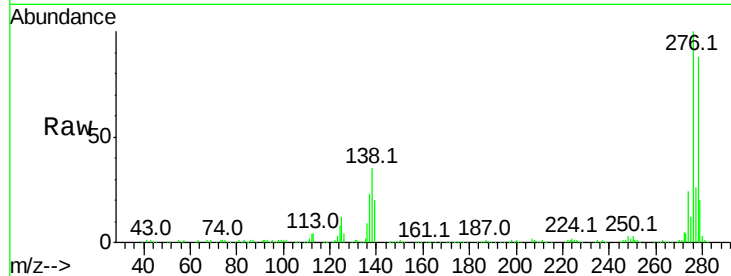
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.93 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.10 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.4	20.2	30.4

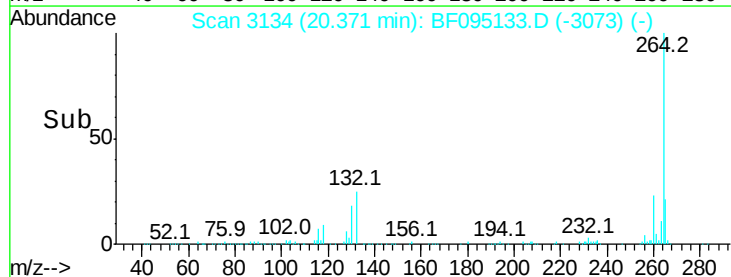
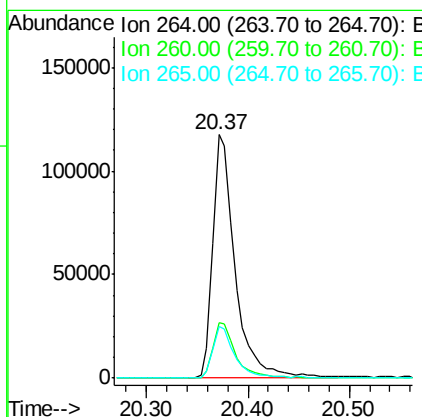
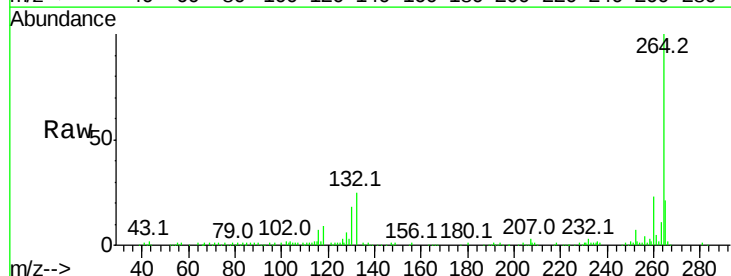
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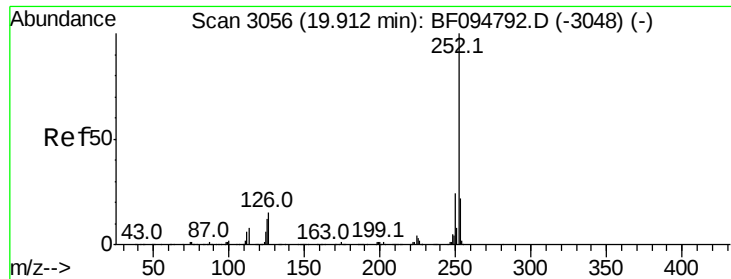
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.07 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Instrument :

BNA_F

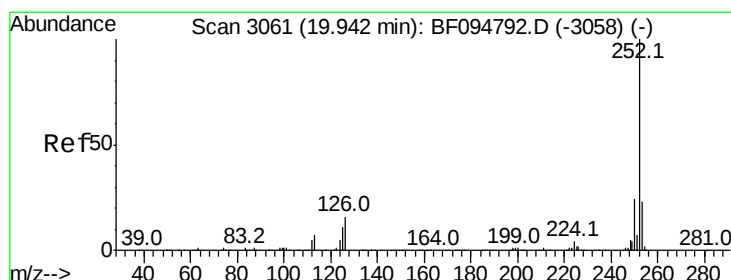
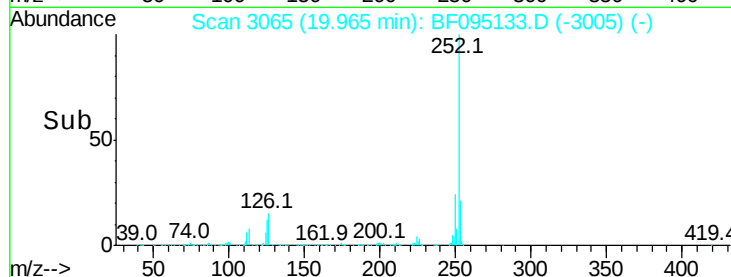
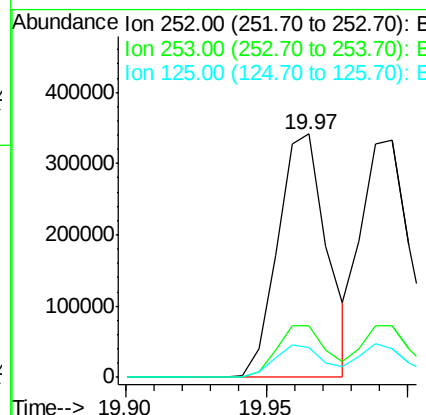
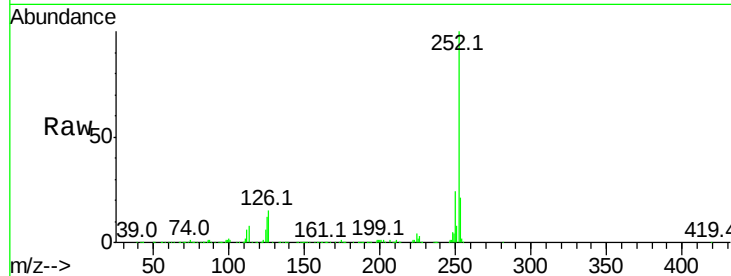
ClientSampleId :

FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.80 ng

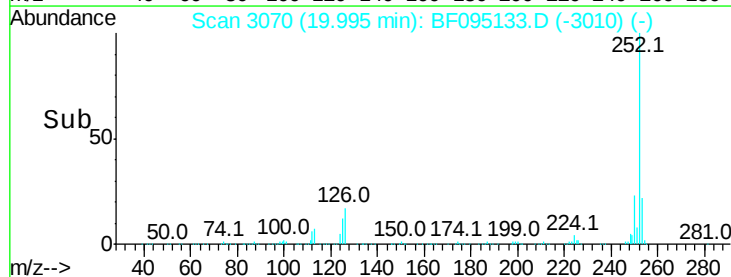
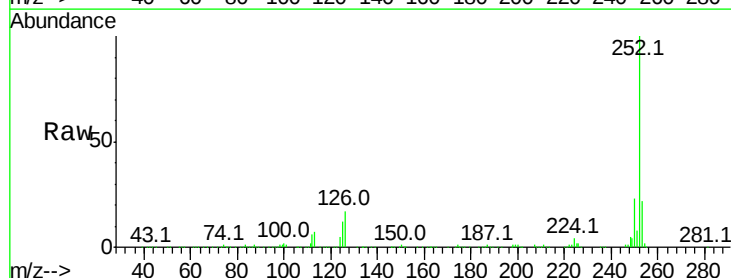
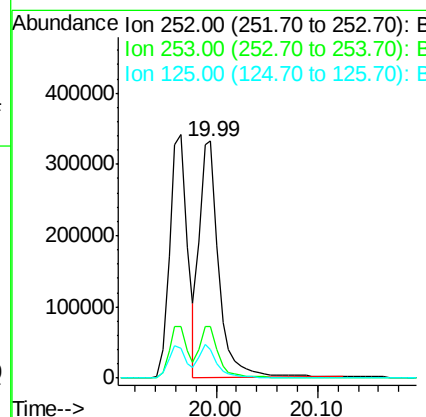
RT: 19.99 min Scan# 3070

Delta R.T. 0.05 min

Lab File: BF095133.D

Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.9	13.1	19.7#





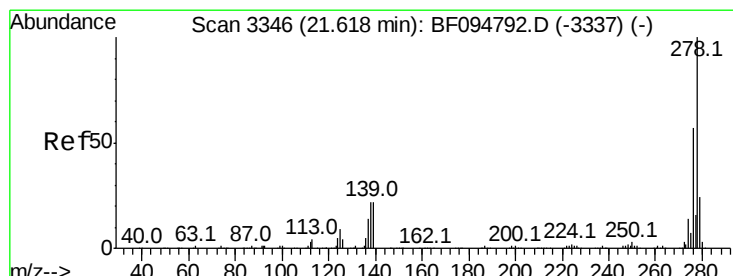
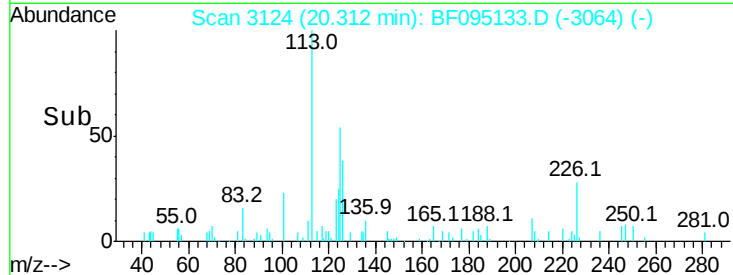
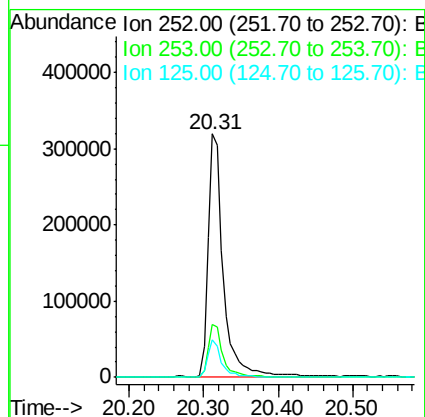
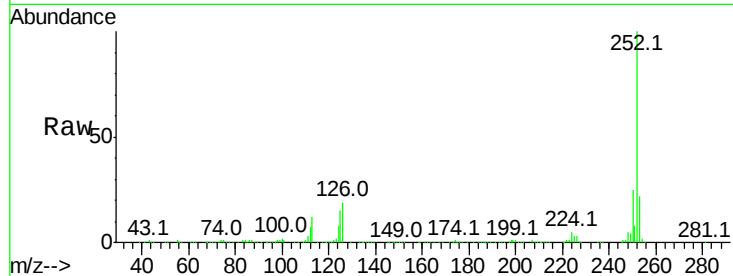
#89
Benzo(a)pyrene
Concen: 43.46 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.3	11.0	16.4

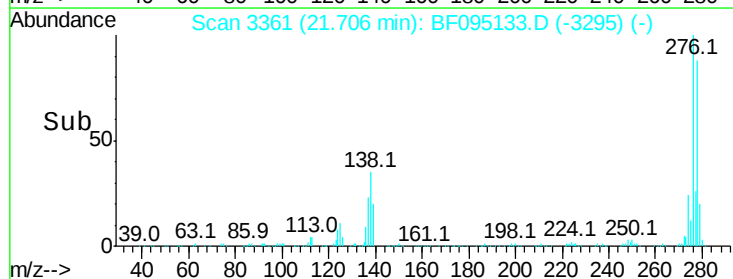
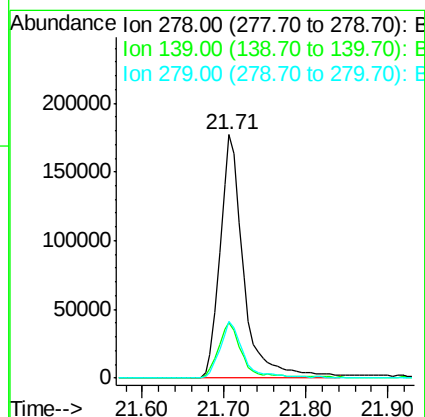
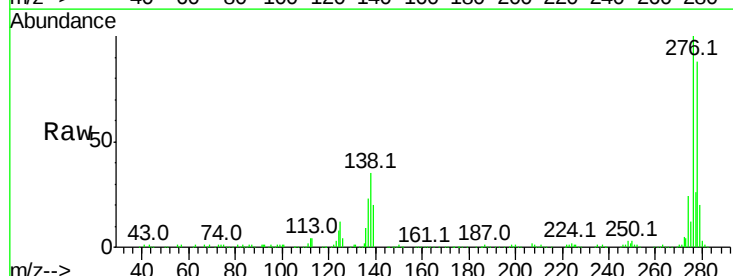
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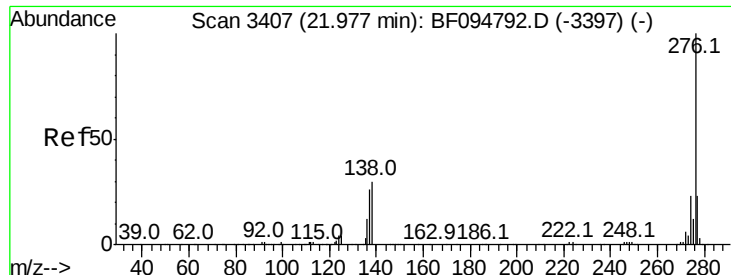
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#90
Dibenzo(a,h)anthracene
Concen: 41.81 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.09 min
Lab File: BF095133.D
Acq: 15 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	23.3	19.3	28.9





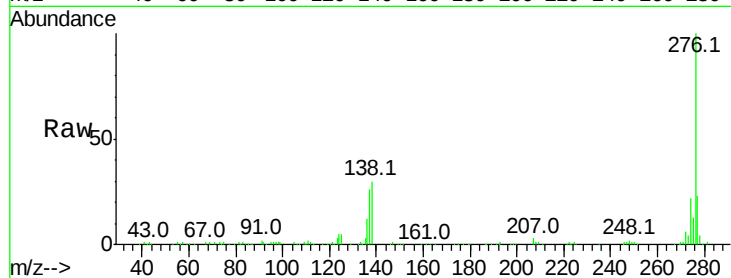
#91
 Benzo(a,h,i)perylene
 Concen: 42.04 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.11 min
 Lab File: BF095133.D
 Acq: 15 May 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_002MSD

Tot Ion:	276	Resp:	351158
Ion Ratio		Lower	Upper
276	100		
277	23.0	18.6	28.0
138	29.8	25.4	38.0

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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

