

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099048.D
 Acq On : 3 Oct 2017 23:35
 Operator : SJ/JU
 Sample : I5601-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Manual Integrations
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Sohil
 10/4/2017 7:21:26 PM

Quant Time: Oct 04 03:07:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119032	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	469649	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	178228	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	246176	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	216051	20.00	ng	-0.05
86) Perylene-d12	15.51	264	232155	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	899278	120.27	ng	-0.04
7) Phenol-d6	6.51	99	1081984	117.30	ng	-0.04
23) Nitrobenzene-d5	7.44	82	634332	86.62	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	153435	105.21	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1032334	96.70	ng	-0.05
78) Terphenyl-d14	12.98	244	658372	69.30	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	114805	32.142	ng	98
3) Pyridine	3.46	79	304829	31.548	ng	95
4) n-Nitrosodimethylamine	3.41	42	151483	36.971	ng	86
6) Aniline	6.54	93	405230	32.550	ng	98
8) 2-Chlorophenol	6.66	128	333731	39.412	ng	95
9) Benzaldehyde	6.43	77	161520	30.187	ng	96
10) Phenol	6.52	94	441730	42.819	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	319956	39.896	ng	99
12) 1,3-Dichlorobenzene	6.82	146	346725	39.098	ng	98
13) 1,4-Dichlorobenzene	6.89	146	349557	38.742	ng	99
14) 1,2-Dichlorobenzene	7.05	146	331085	39.713	ng	100
15) Benzyl Alcohol	7.02	79	275563	40.722	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	478565	38.301	ng	97
17) 2-Methylphenol	7.13	107	273375	39.456	ng	97
18) Hexachloroethane	7.39	117	118330	36.486	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	216307	36.729	ng	97
20) 3+4-Methylphenols	7.27	107	332102	37.889	ng	92
22) Acetophenone	7.29	105	439724	38.644	ng	# 96
24) Nitrobenzene	7.46	77	327596	39.434	ng	100
25) Isophorone	7.70	82	596161	39.374	ng	98
26) 2-Nitrophenol	7.77	139	175224	43.862	ng	91
27) 2,4-Dimethylphenol	7.80	122	299022	39.635	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	388607	41.185	ng	100
29) 2,4-Dichlorophenol	8.02	162	258643	39.930	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	260853	40.265	ng	98
31) Naphthalene	8.18	128	880206	39.905	ng	100
32) Benzoic acid	7.90	122	71919	11.605	ng	96
33) 4-Chloroaniline	8.23	127	216643	23.519	ng	96
34) Hexachlorobutadiene	8.29	225	131752	39.484	ng	99
35) Caprolactam	8.59	113	75909m	36.534	ng	
36) 4-Chloro-3-methylphenol	8.70	107	259110	35.590	ng	96
37) 2-Methylnaphthalene	8.87	142	589941	41.142	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	224421	42.222	ng	99
40) Hexachlorocyclopentadiene	9.02	237	85141	35.051	ng	98

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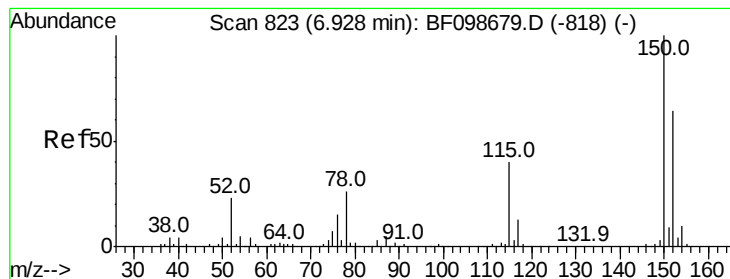
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155392	41.267	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	156857	41.729	nq	97
45) 1,1'-Biphenyl	9.33	154	661198	43.166	nq	99
46) 2-Chloronaphthalene	9.36	162	502114	43.659	nq	98
47) 2-Nitroaniline	9.45	65	147859	41.987	nq	98
48) Acenaphthylene	9.77	152	727859	41.342	nq	99
49) Dimethylphthalate	9.63	163	755074	56.132	nq	99
50) 2,6-Dinitrotoluene	9.70	165	123820	42.281	nq	# 84
51) Acenaphthene	9.94	154	444580	39.864	nq	99
52) 3-Nitroaniline	9.86	138	102845	30.119	nq	93
53) 2,4-Dinitrophenol	9.97	184	38695	29.358	nq	98
54) Dibenzofuran	10.12	168	632632	42.604	nq	98
55) 4-Nitrophenol	10.02	139	177617	61.516	nq	91
56) 2,4-Dinitrotoluene	10.10	165	150992	39.728	nq	95
57) Fluorene	10.46	166	458799	38.441	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	101253	38.994	nq	98
59) Diethylphthalate	10.33	149	536204	40.794	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	214871	40.079	nq	96
61) 4-Nitroaniline	10.47	138	111366	33.805	nq	91
62) Azobenzene	10.61	77	469195	38.822	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	34854	23.270	nq	93
65) n-Nitrosodiphenylamine	10.57	169	413801	48.521	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	114053	47.332	nq	97
67) Hexachlorobenzene	11.01	284	106171	41.254	nq	94
68) Atrazine	11.09	200	119558	46.595	nq	98
69) Pentachlorophenol	11.20	266	104350	65.149	nq	99
70) Phenanthrene	11.42	178	566090	42.960	nq	99
71) Anthracene	11.47	178	581404	43.122	nq	99
72) Carbazole	11.63	167	531057	40.222	nq	100
73) Di-n-butylphthalate	11.95	149	679317	42.745	nq	99
74) Fluoranthene	12.61	202	564810	42.329	nq	99
76) Benzidine	12.73	184	406080	50.817	nq	96
77) Pyrene	12.84	202	584362	35.470	nq	99
79) Butylbenzylphthalate	13.45	149	281548	36.363	nq	94
80) Benzo(a)anthracene	14.03	228	552405	42.225	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	192073	40.050	nq	97
82) Chrysene	14.06	228	528731	42.451	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	405643	38.048	nq	# 99
84) Di-n-octyl phthalate	14.62	149	745846	43.446	nq	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	493839	49.566	nq	95
87) Benzo(b)fluoranthene	15.08	252	558852	39.152	nq	# 97
88) Benzo(k)fluoranthene	15.11	252	563207	39.949	nq	97
89) Benzo(a)pyrene	15.45	252	547237	41.766	nq	# 97
90) Dibenzo(a,h)anthracene	17.02	278	423211	40.361	nq	97
91) Benzo(g,h,i)perylene	17.45	276	385576	37.200	nq	95

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



#1

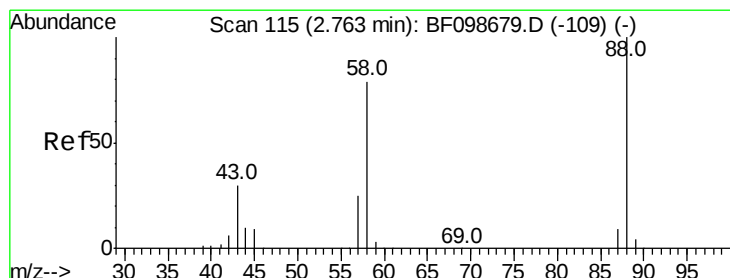
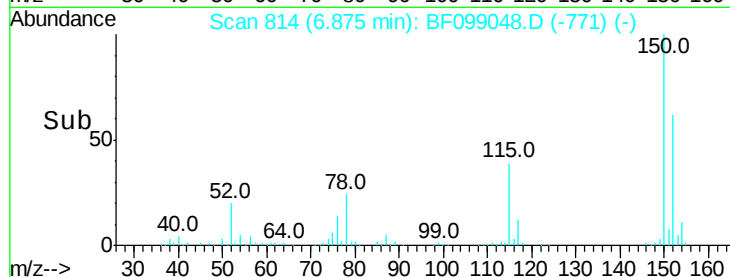
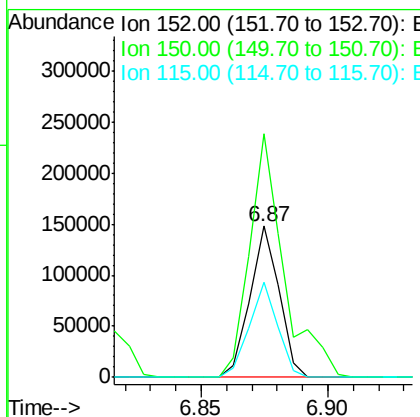
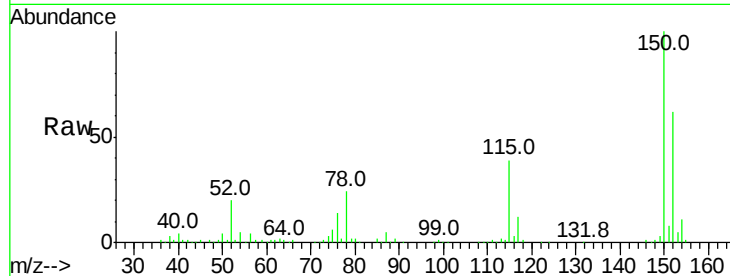
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	63.4	50.1	75.1

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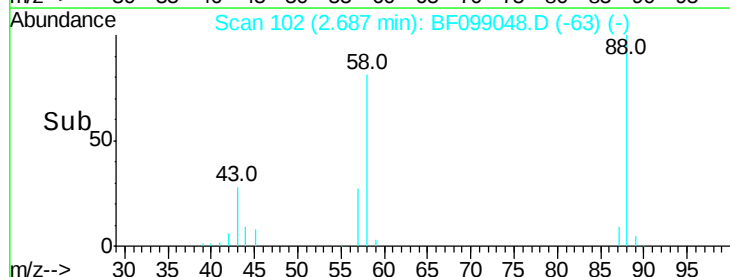
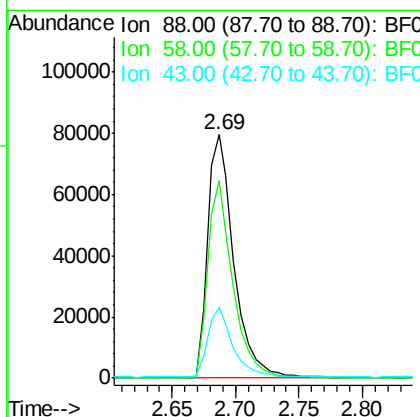
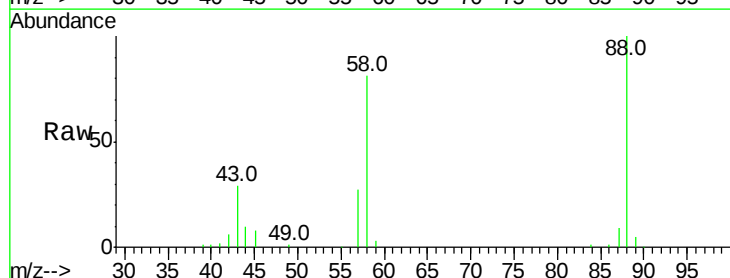
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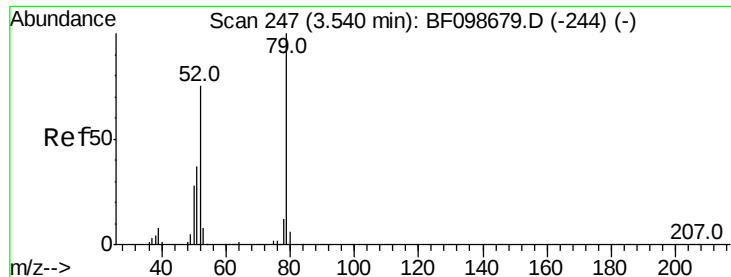


#2

1,4-Dioxane
Concen: 32.142 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.07 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.6	93.8
43	26.9	24.6	37.0





#3

Pvridine

Concen: 31.548 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.06 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

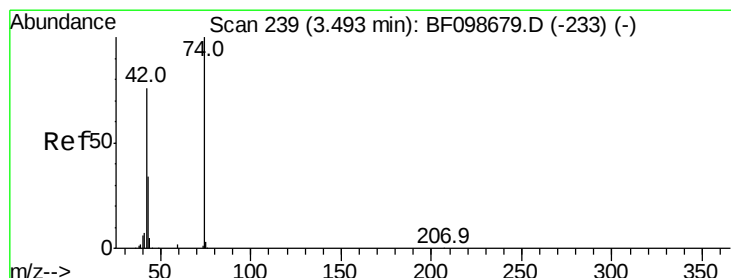
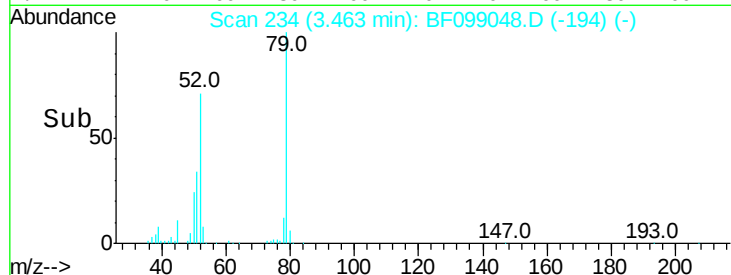
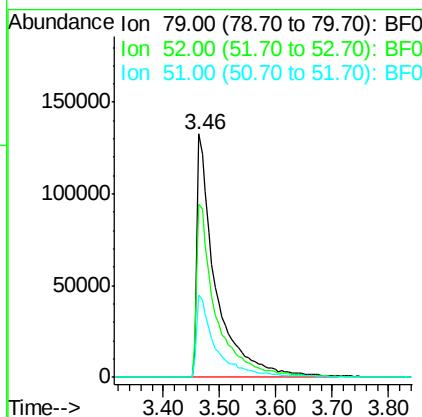
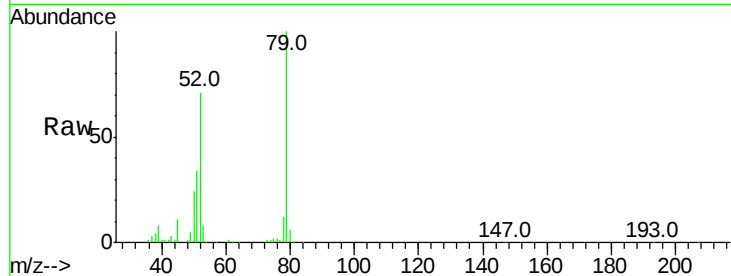
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	79	Resp:	304829
Ion Ratio	Lower	Upper	
79	100		
52	71.1	59.8	89.6
51	34.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.971 ng

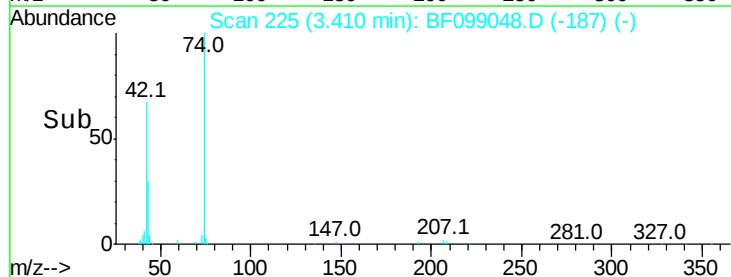
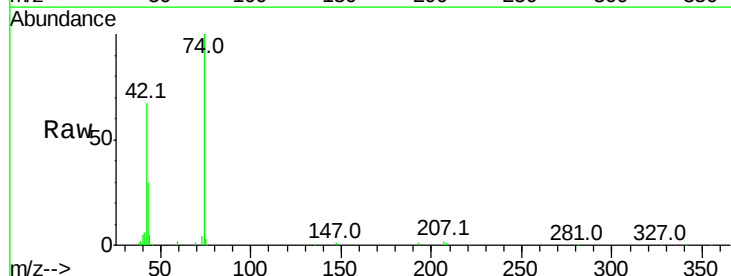
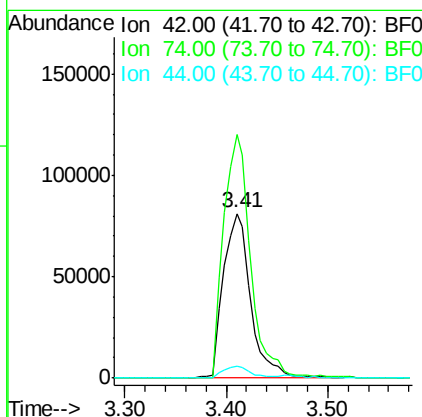
RT: 3.41 min Scan# 225

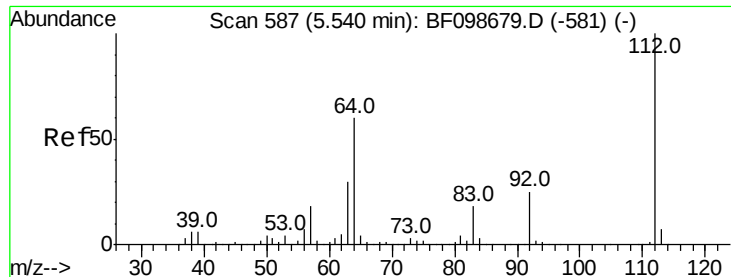
Delta R.T. -0.08 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	42	Resp:	151483
Ion Ratio	Lower	Upper	
42	100		
74	148.2	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 120.267 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

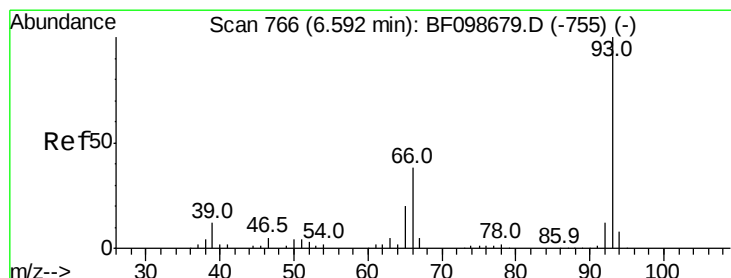
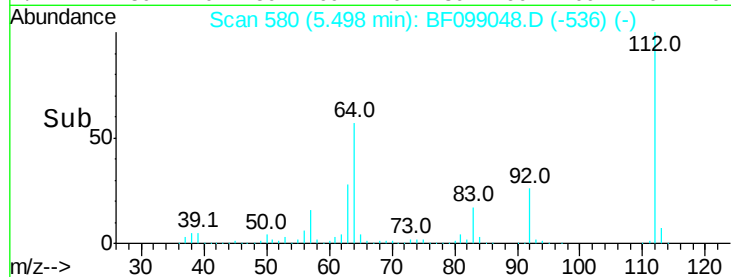
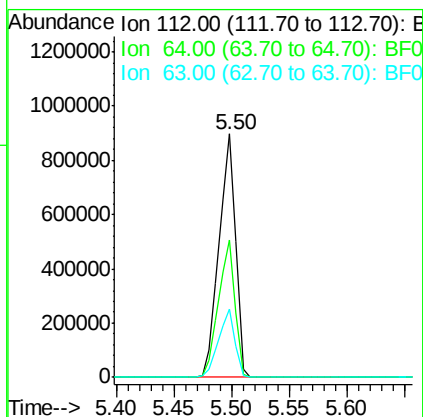
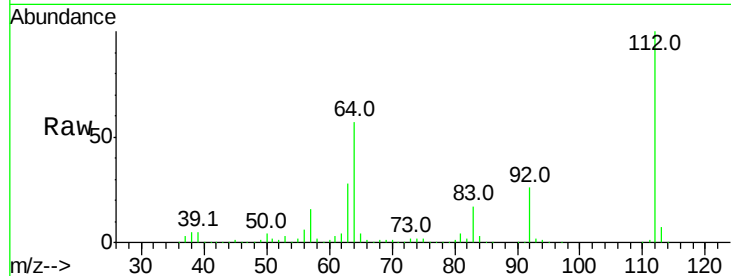
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	112	Resp:	899278
Ion Ratio	Lower	Upper	
112	100		
64	56.5	47.9	71.9
63	27.9	23.7	35.5

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#6

Aniline

Concen: 32.550 ng

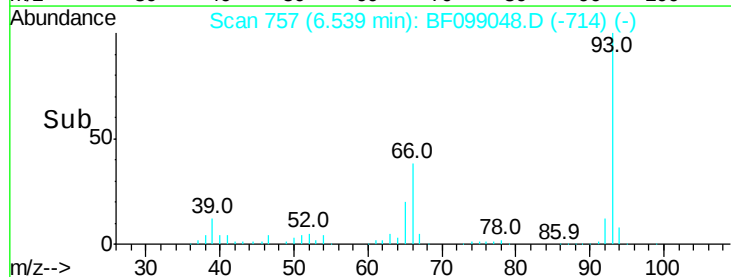
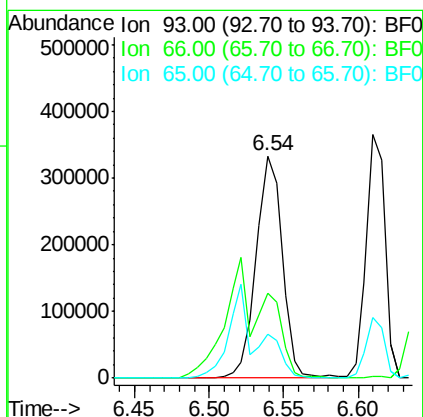
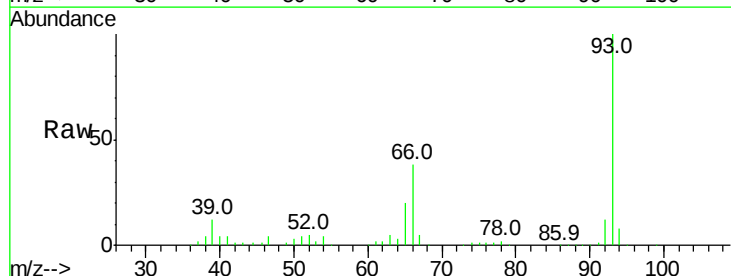
RT: 6.54 min Scan# 757

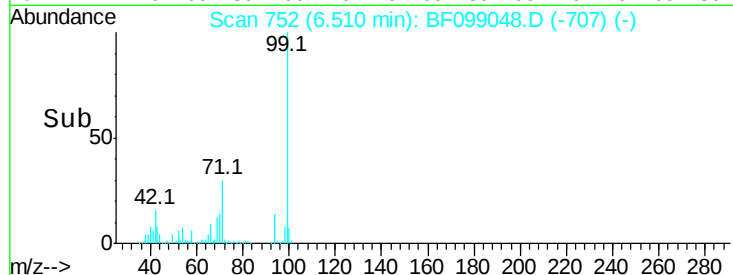
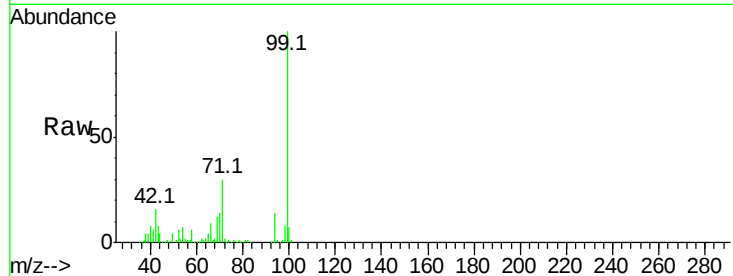
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	93	Resp:	405230
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.2	48.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 117.299 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.04 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tot Ion:	99	Resp:	1081984
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	29.9	25.4	38.0

Instrument :

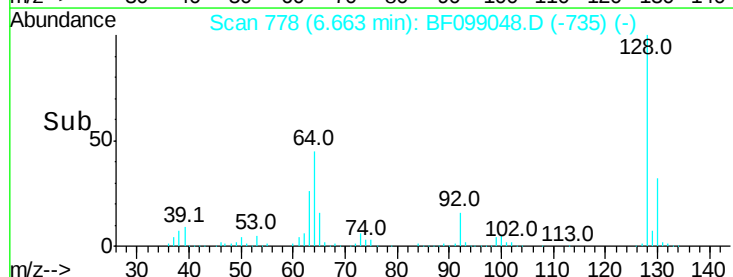
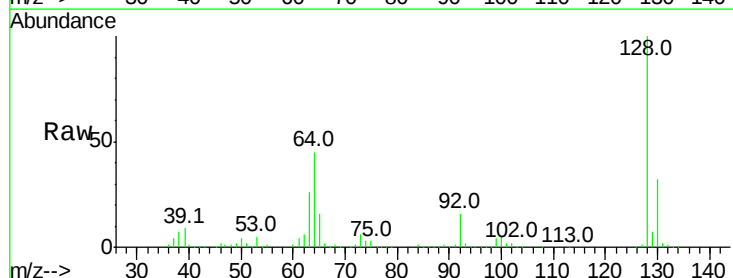
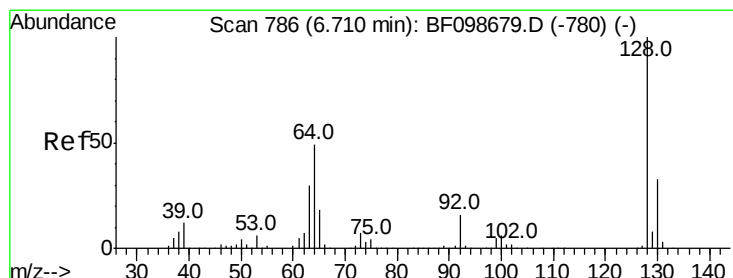
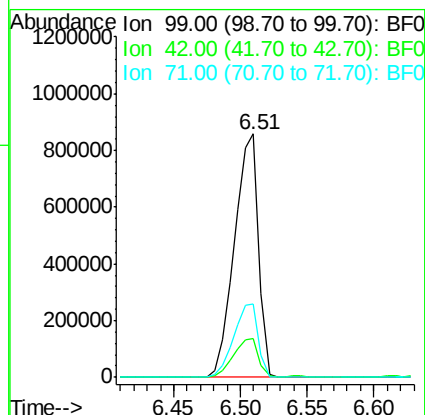
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#8

2-Chlorophenol

Concen: 39.412 ng

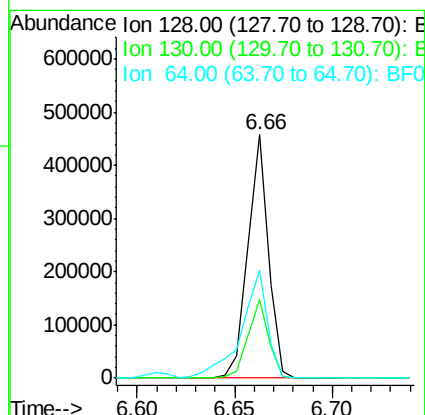
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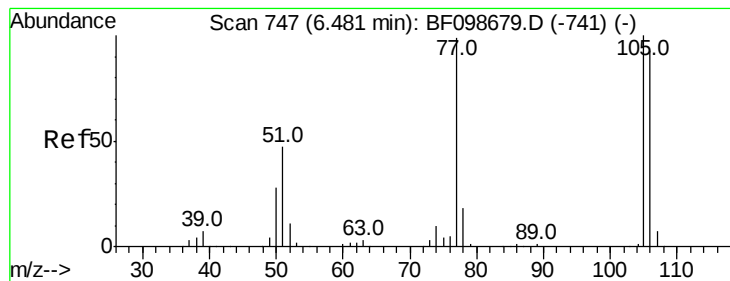
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	128	Resp:	333731
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	44.6	29.4	69.4





#9

Benzaldehyde

Concen: 30.187 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

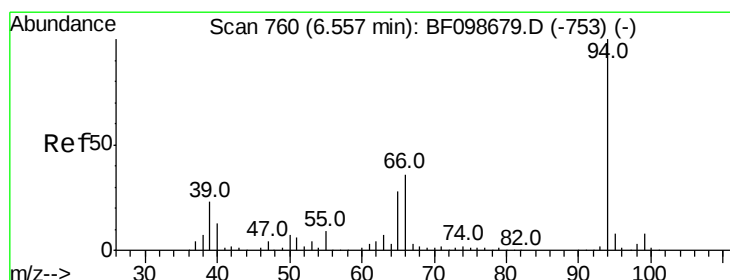
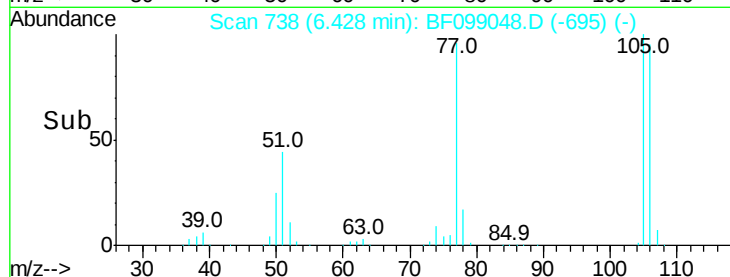
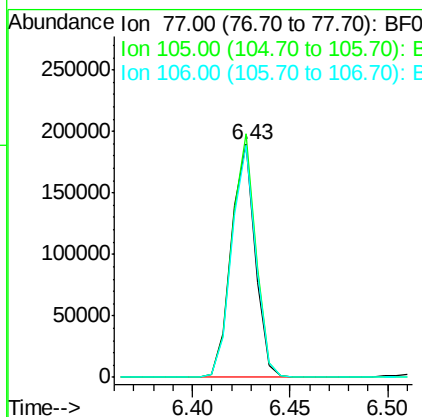
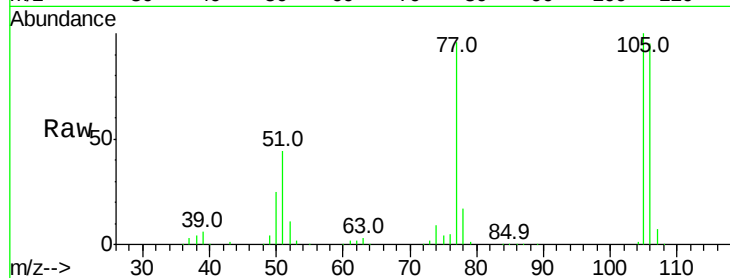
ClientSampleID :

FK-PS-01-016MSD

Tot Ion:	77	Resp:	161520
Ion	Ratio	Lower	Upper
77	100		
105	104.5	81.1	121.1
106	99.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.819 ng

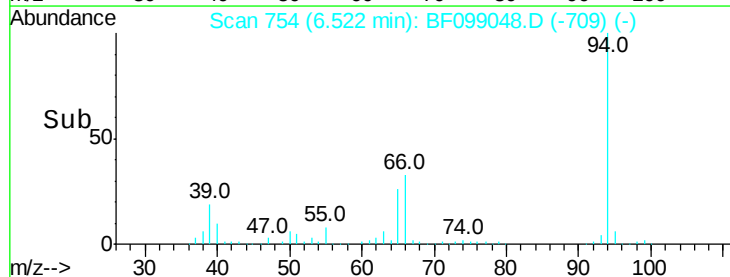
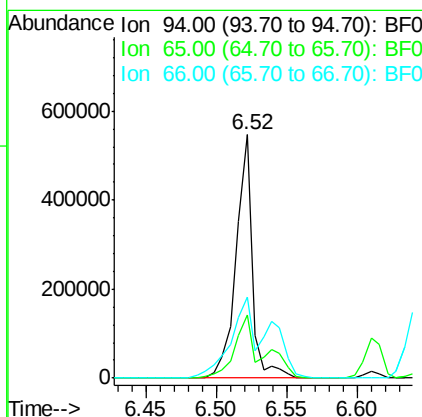
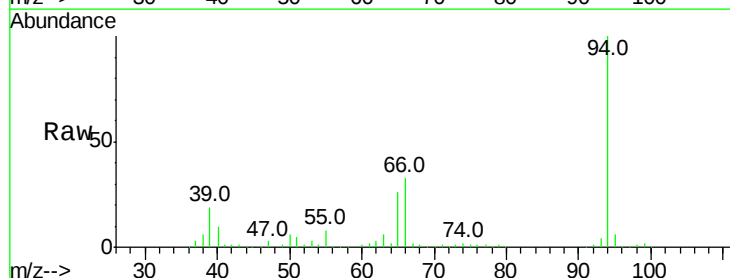
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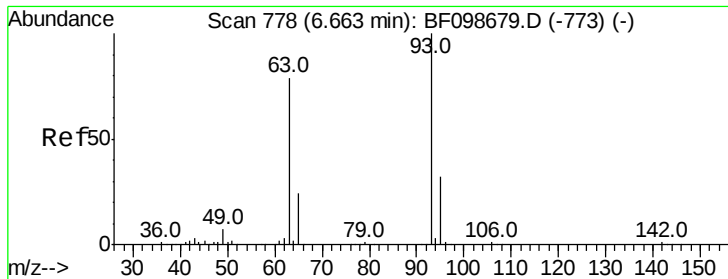
Delta R.T. -0.04 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	94	Resp:	441730
Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	33.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.896 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

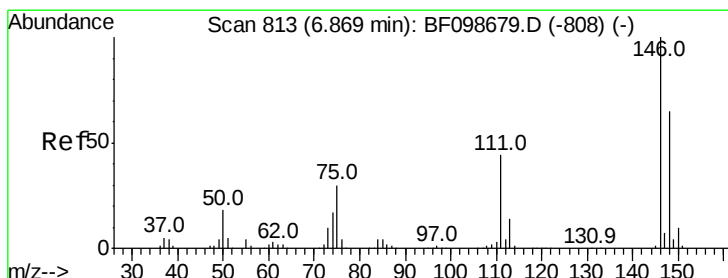
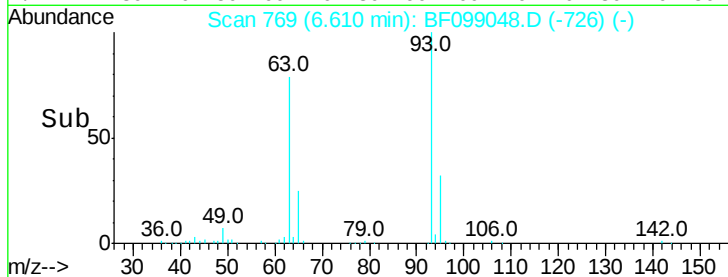
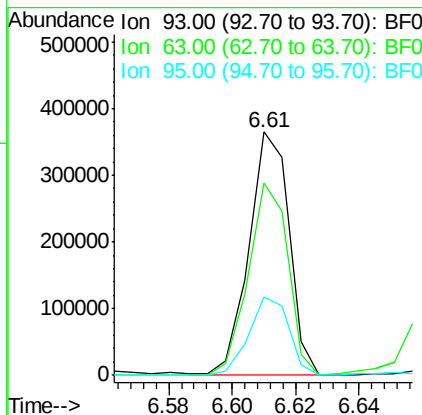
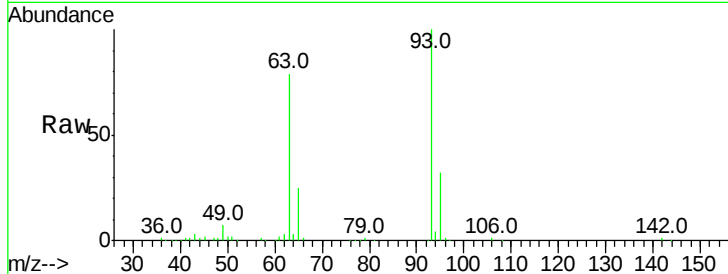
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	93	Resp:	319956
Ion Ratio	Lower	Upper	
93	100		
63	79.1	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.098 ng

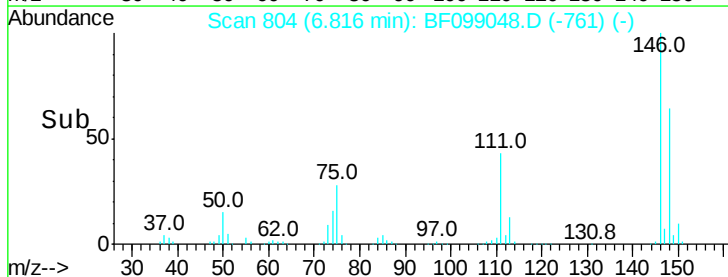
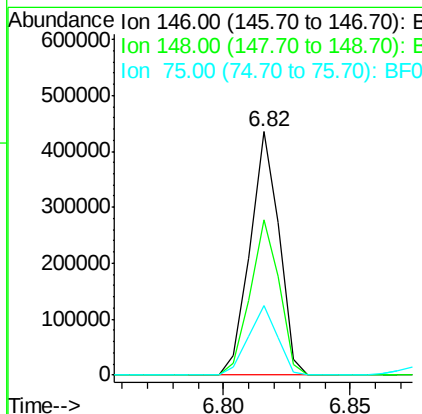
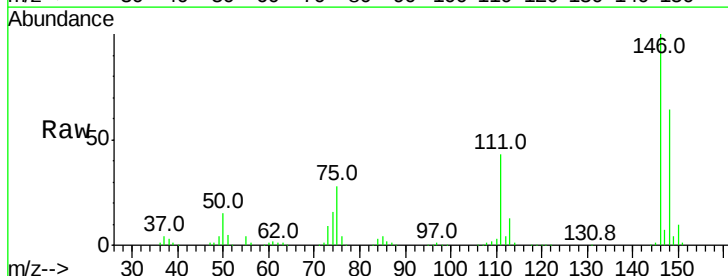
RT: 6.82 min Scan# 804

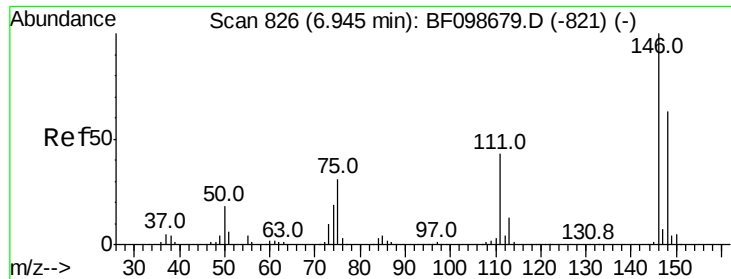
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	146	Resp:	346725
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	28.4	24.2	36.4





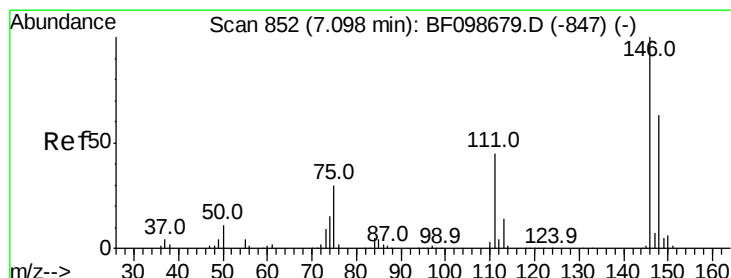
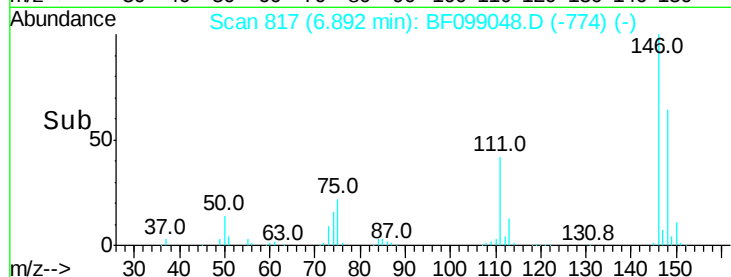
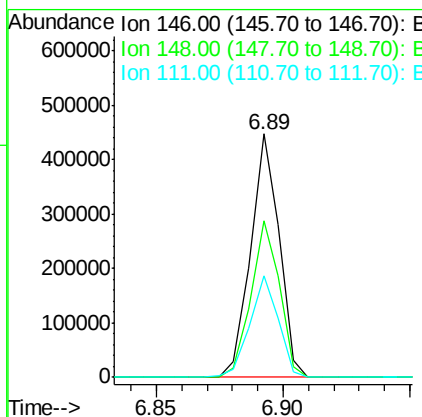
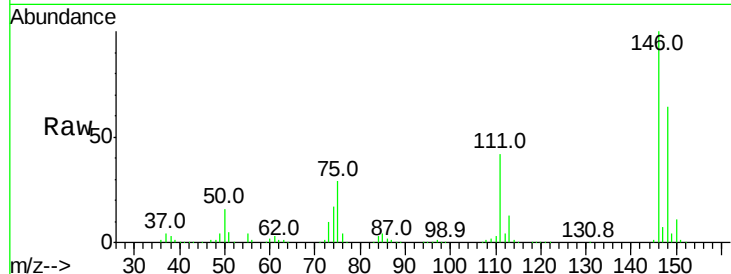
#13
 1,4-Dichlorobenzene
 Concen: 38.742 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	41.7	34.2	51.2

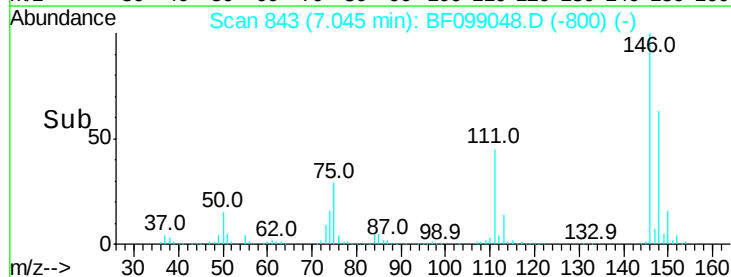
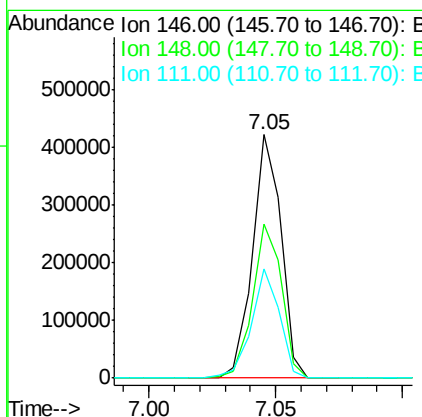
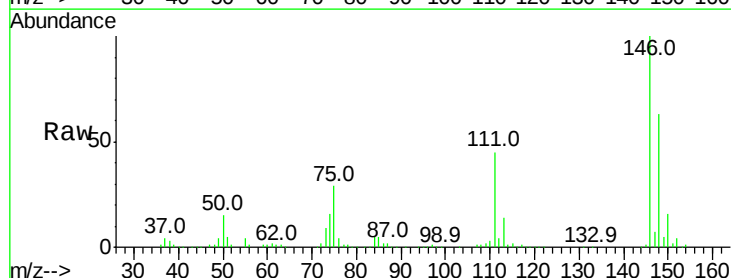
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#14
 1,2-Dichlorobenzene
 Concen: 39.713 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.722 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

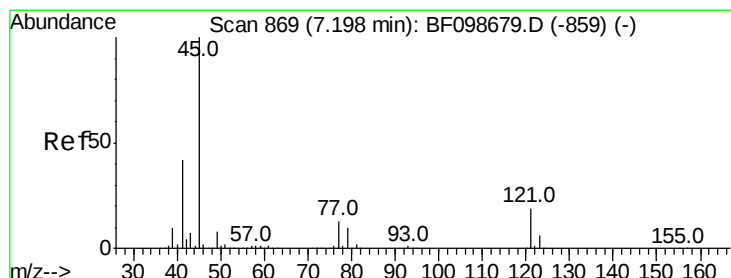
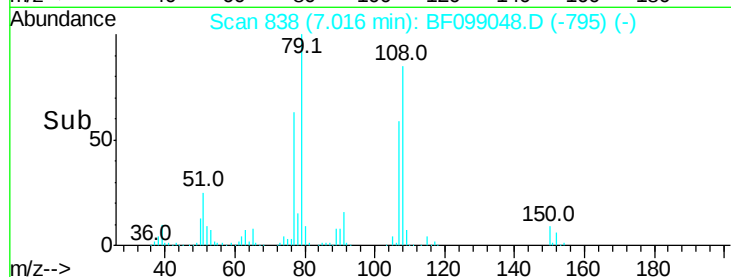
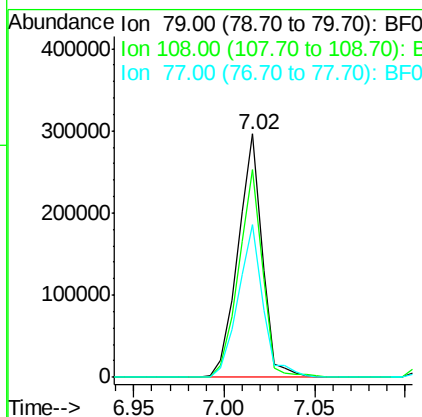
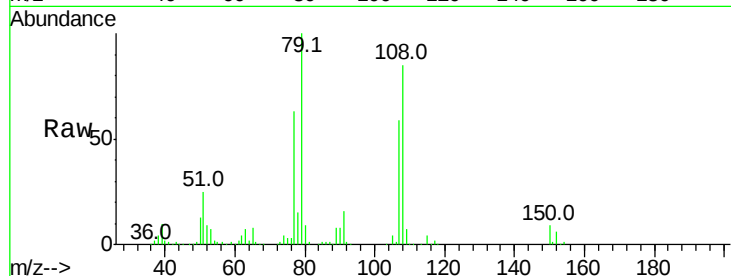
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	79	Resp:	275563
Ion Ratio	Lower	Upper	
79	100		
108	85.3	65.1	97.7
77	62.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.301 ng

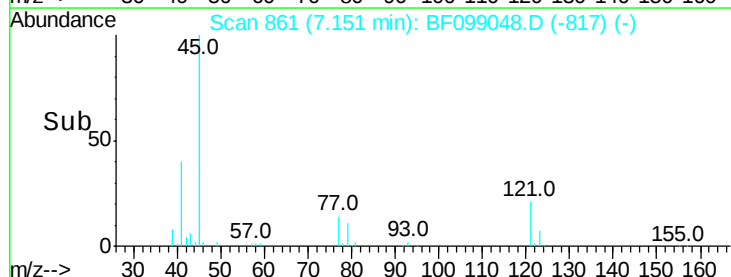
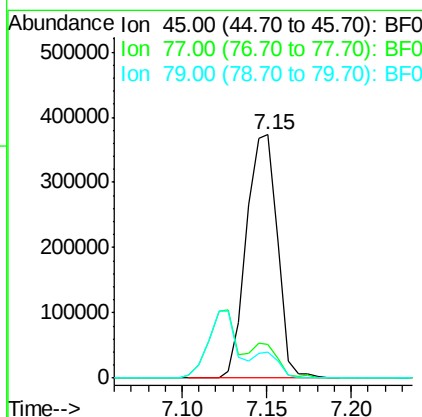
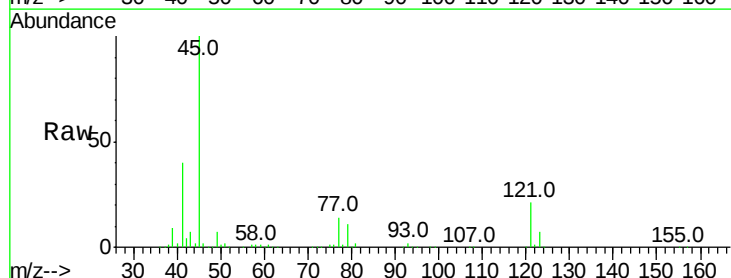
RT: 7.15 min Scan# 861

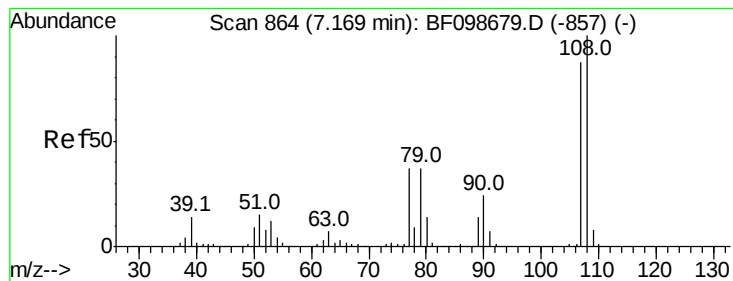
Delta R.T. -0.04 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	45	Resp:	478565
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.9
79	10.7	0.0	29.6





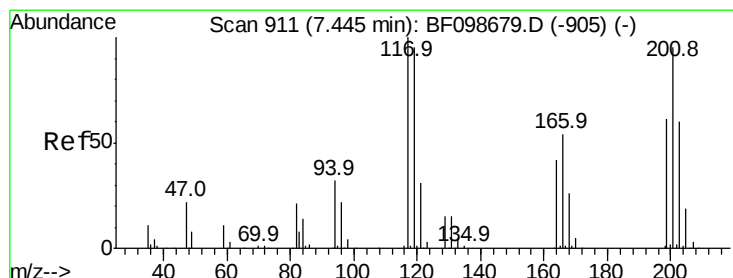
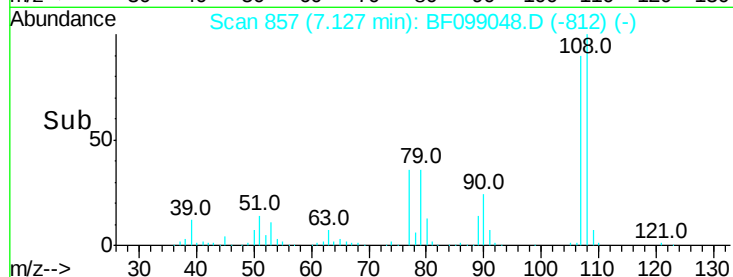
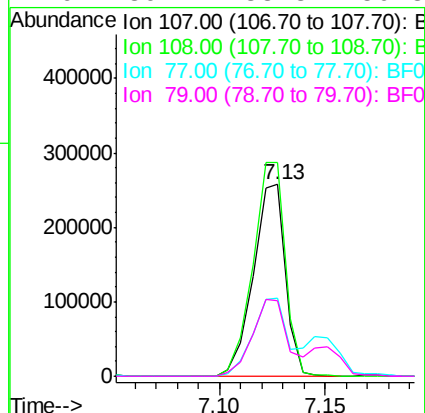
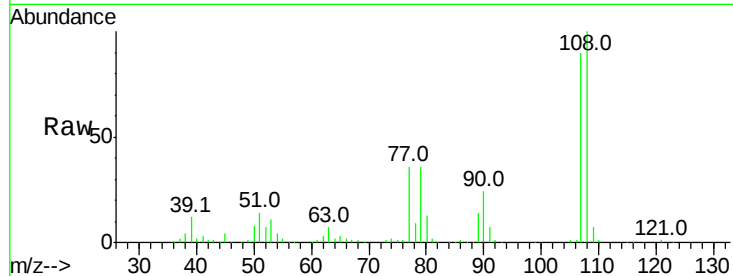
#17
2-Methylphenol
Concen: 39.456 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	40.5	33.8	50.8
79	39.7	33.8	50.8

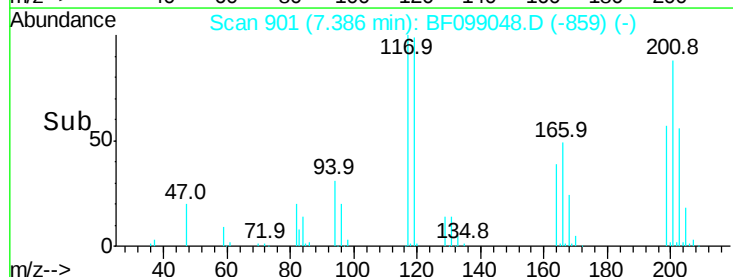
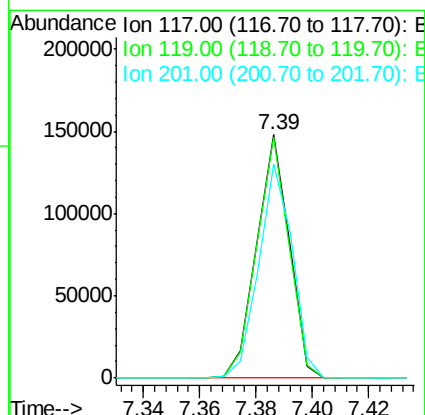
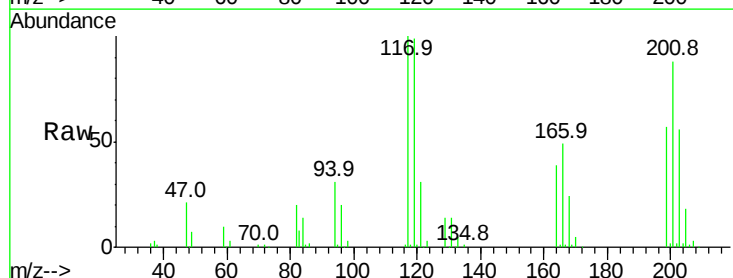
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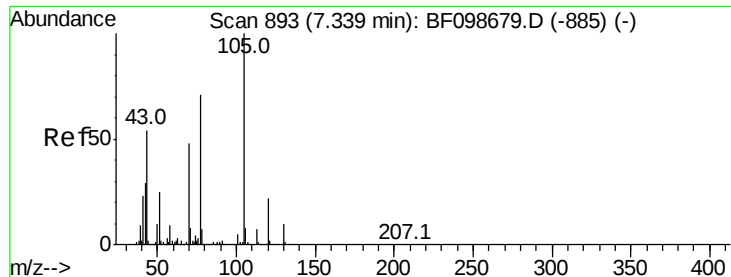
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#18
Hexachloroethane
Concen: 36.486 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.8	113.8
201	88.2	75.7	113.5





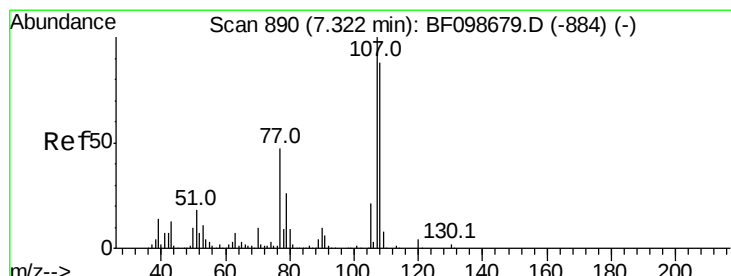
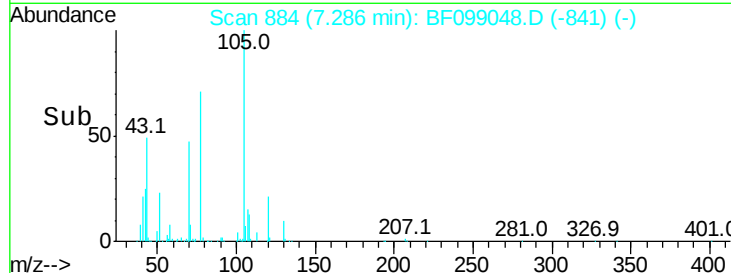
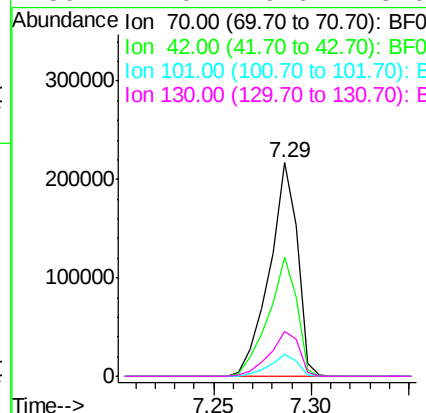
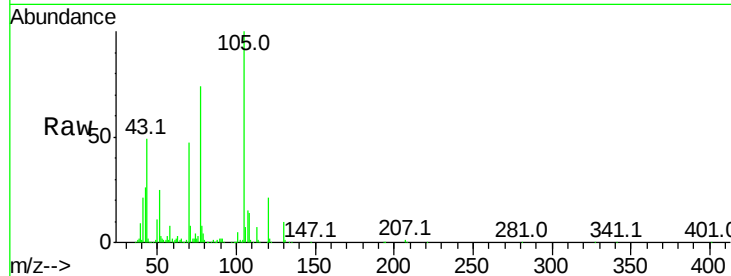
#19
n-Nitroso-di-n-propylamine
Concen: 36.729 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	70	Resp	216307
Ion Ratio	Lower	Upper	
70	100		
42	56.0	47.5	71.3
101	10.1	7.4	11.2
130	21.0	16.6	25.0

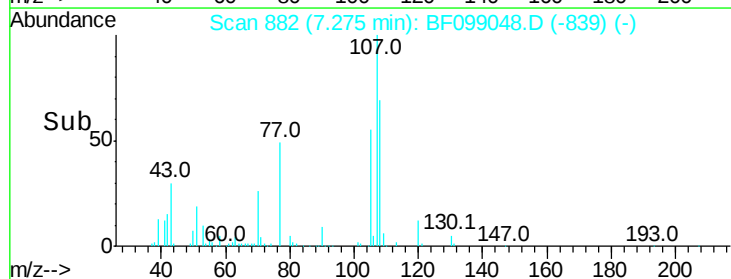
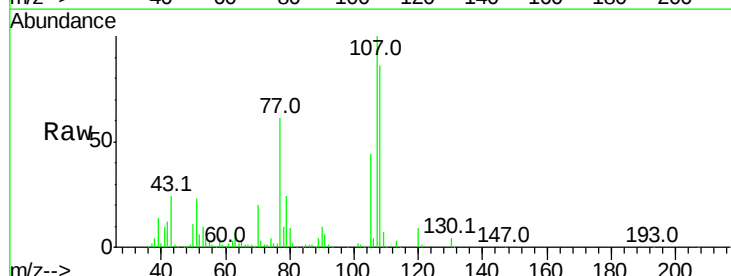
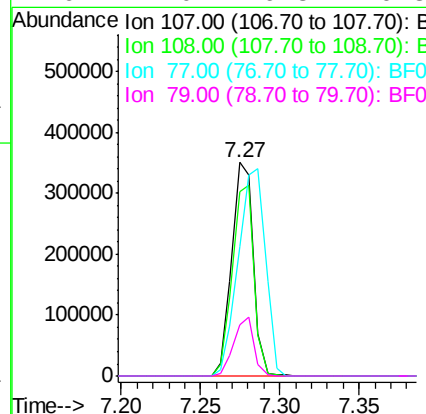
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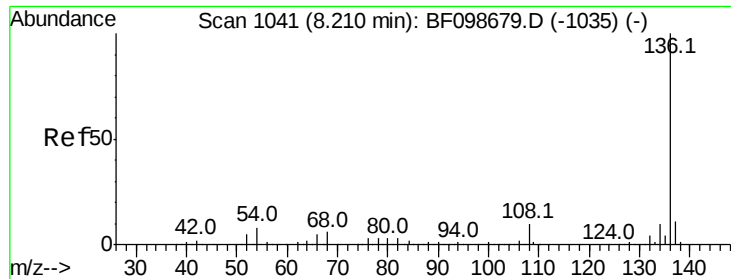
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#20
3+4-Methylphenols
Concen: 37.889 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	107	Resp	332102
Ion Ratio	Lower	Upper	
107	100		
108	86.3	68.2	108.2
77	60.6	26.7	66.7
79	24.0	6.3	46.3





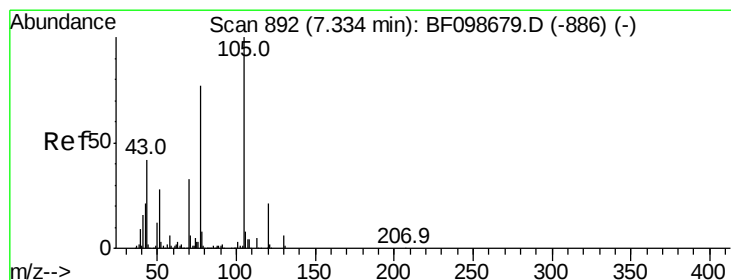
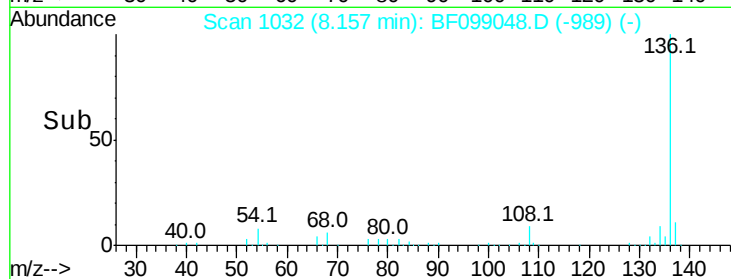
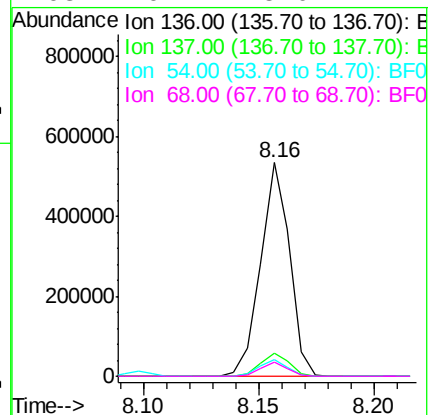
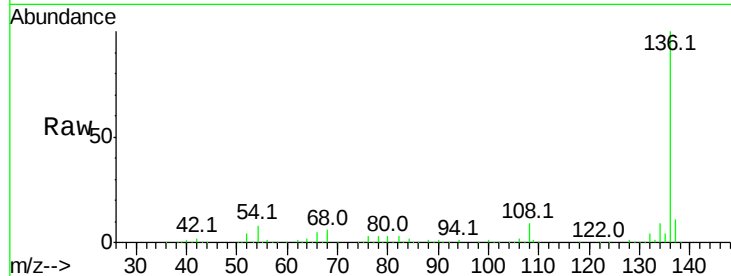
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4

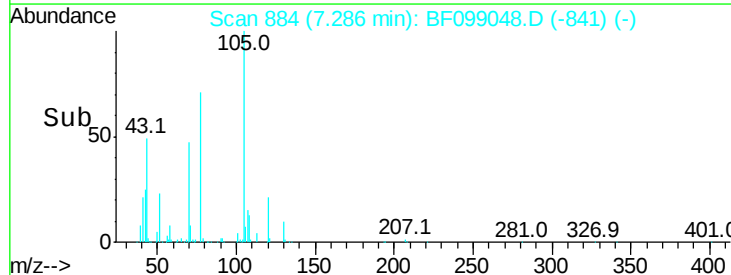
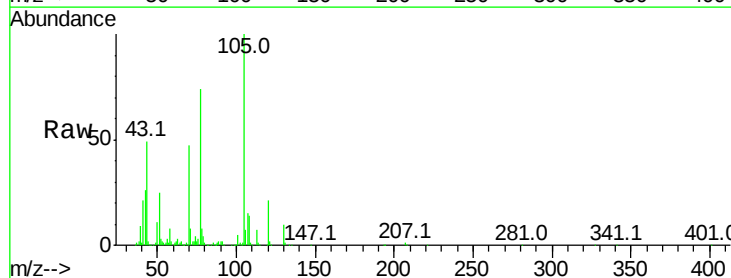
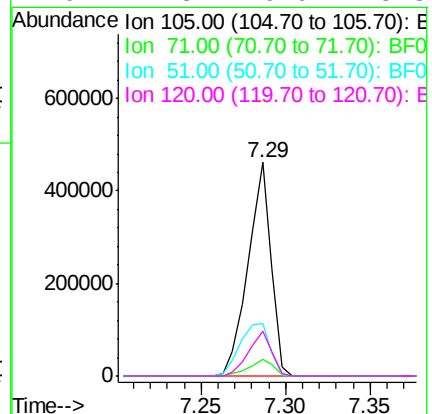
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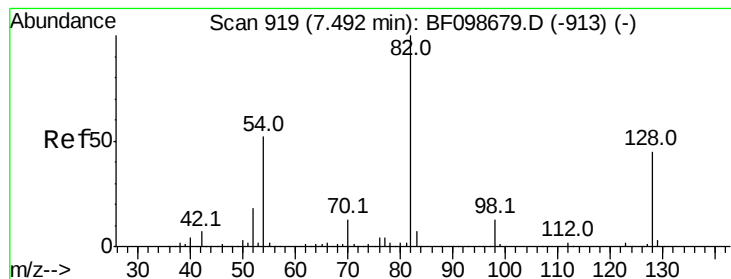
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#22
Acetophenone
Concen: 38.644 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	24.7	22.3	33.5
120	21.3	16.9	25.3





#23

Nitrobenzene-d5

Concen: 86.617 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

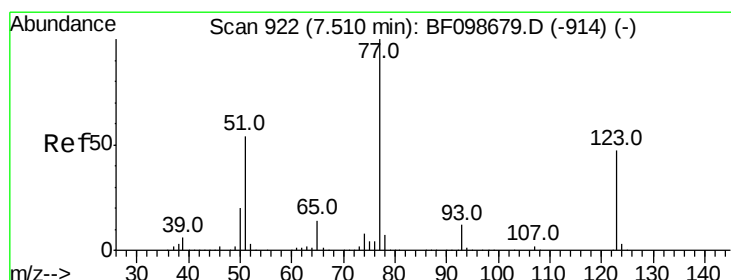
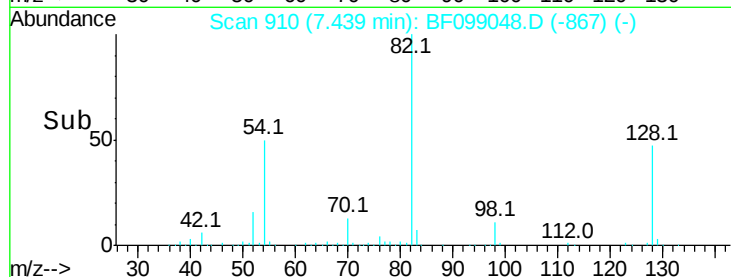
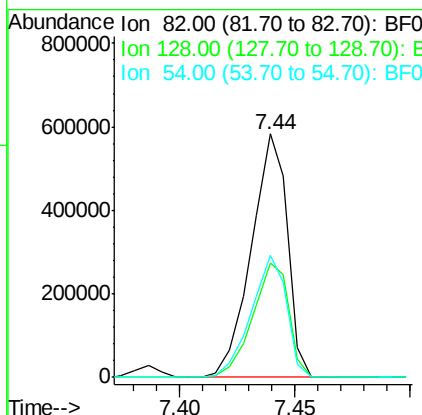
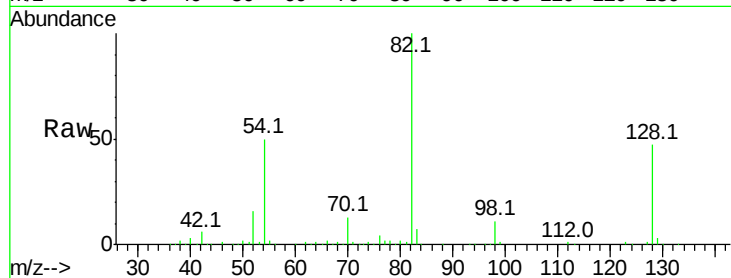
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	82	Resp:	634332
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	49.9	41.4	62.2

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#24

Nitrobenzene

Concen: 39.434 ng

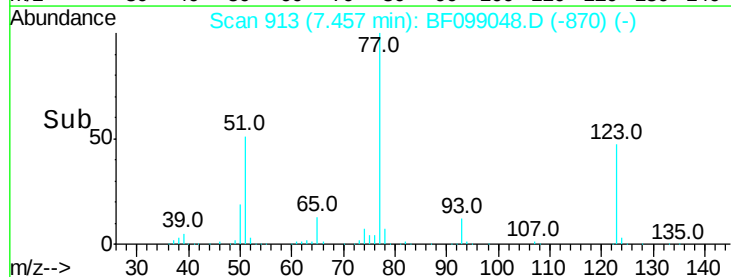
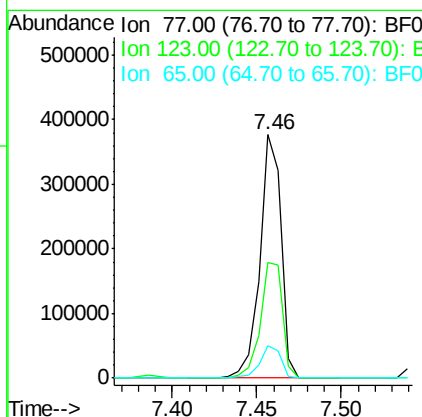
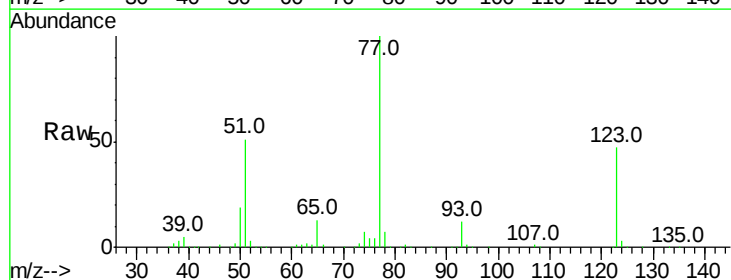
RT: 7.46 min Scan# 913

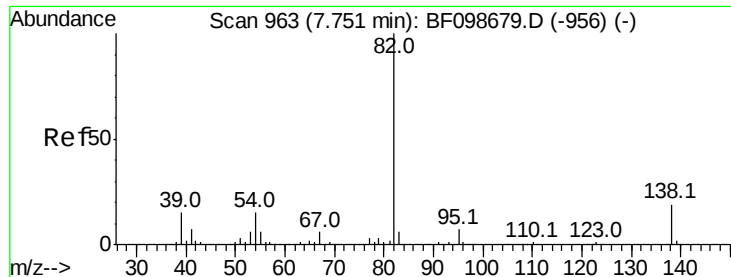
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	77	Resp:	327596
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 39.374 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

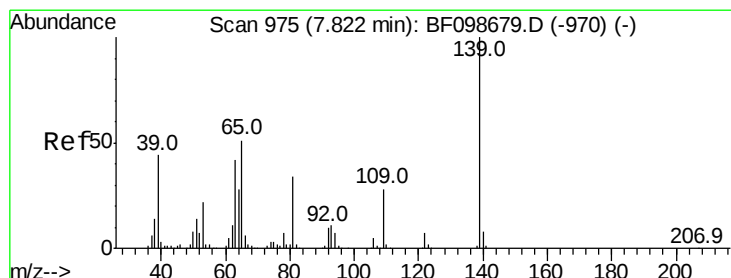
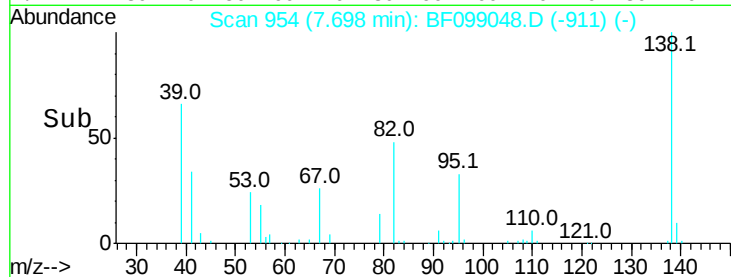
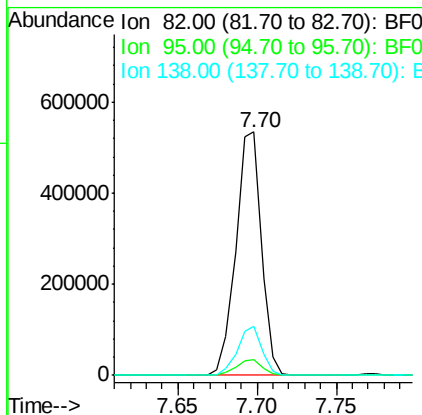
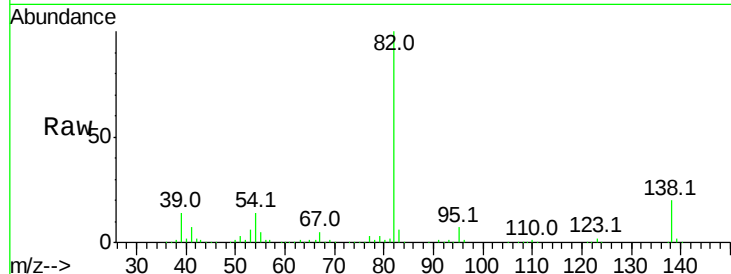
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	82	Resp:	596161
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	20.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.862 ng

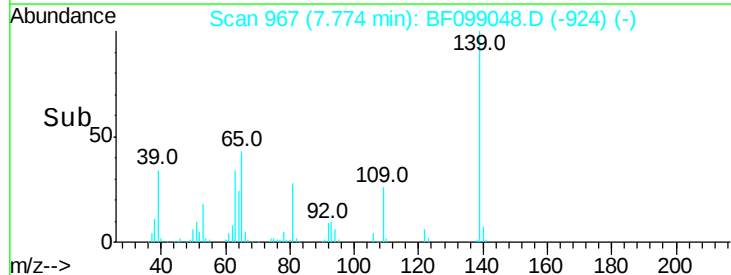
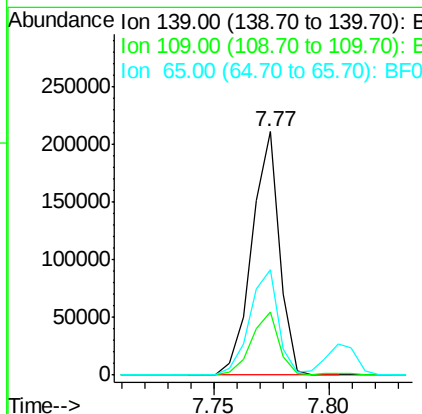
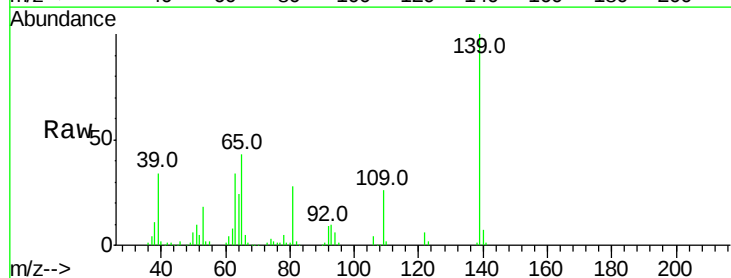
RT: 7.77 min Scan# 967

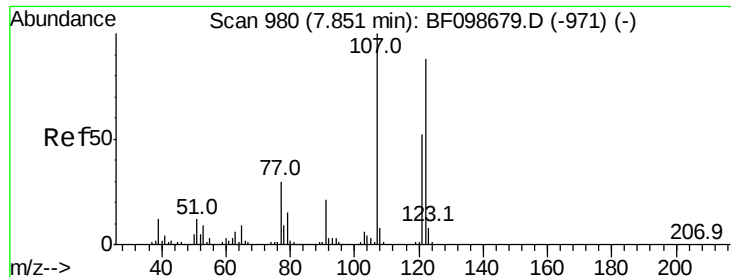
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	139	Resp:	175224
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	43.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.635 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

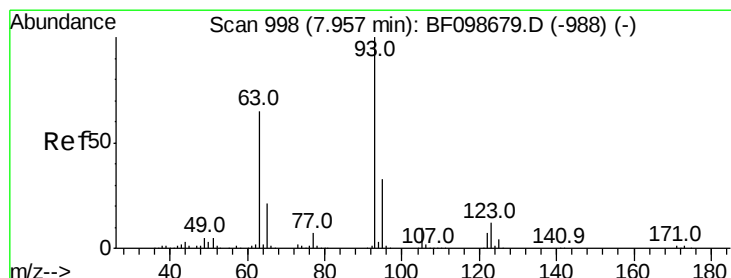
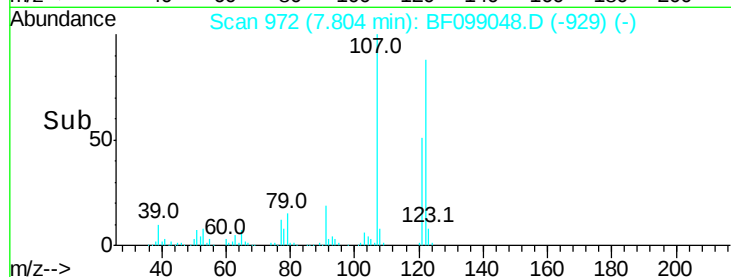
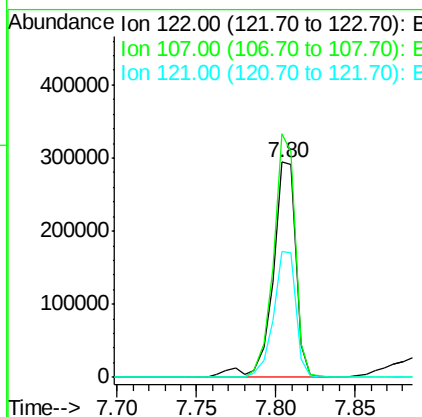
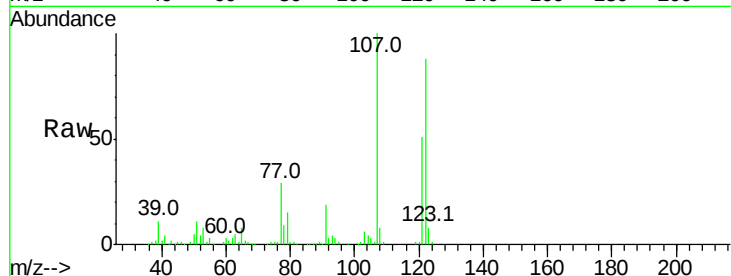
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	122	Resp:	299022
Ion Ratio	Lower	Upper	
122	100		
107	113.2	91.2	136.8
121	58.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.185 ng

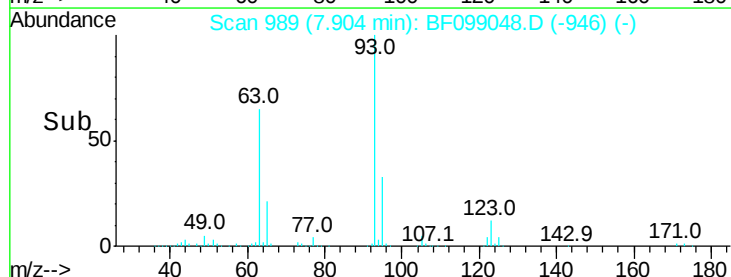
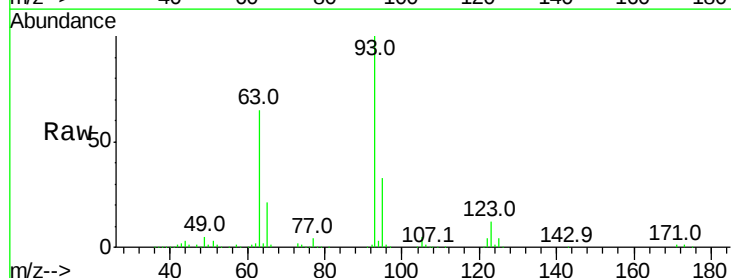
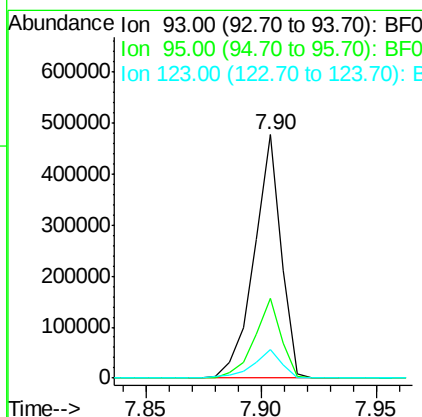
RT: 7.90 min Scan# 989

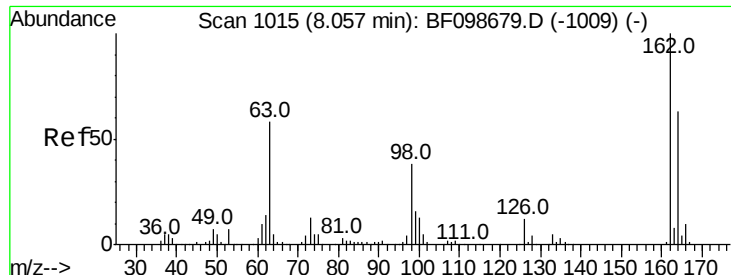
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	93	Resp:	388607
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.7	9.8	14.6





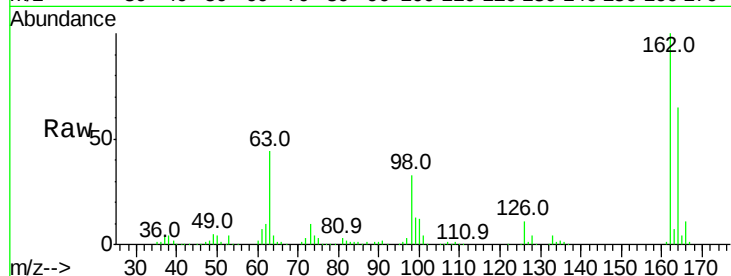
#29
 2,4-Dichlorophenol
 Concen: 39.930 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.04 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

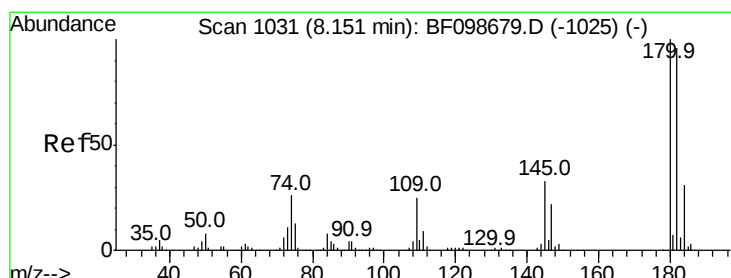
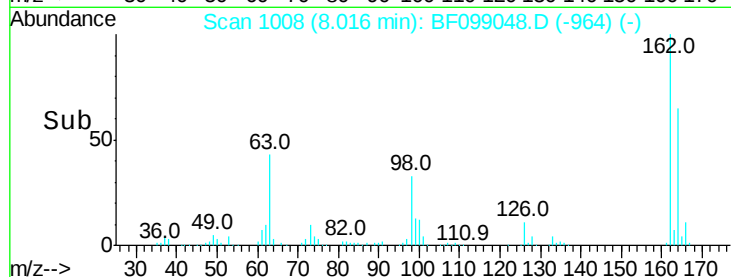
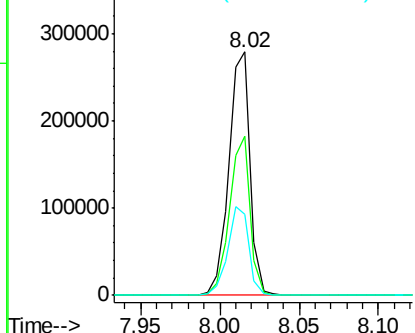
Tot Ion:	162	Resp:	258643
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	33.2	18.1	58.1

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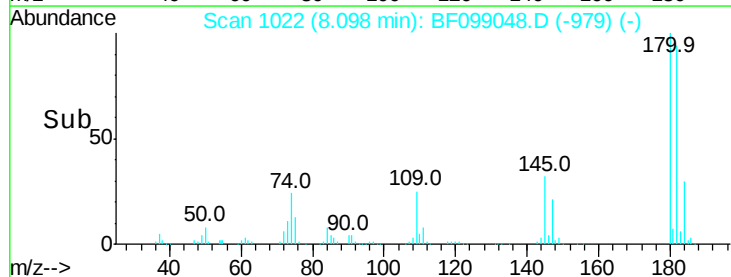
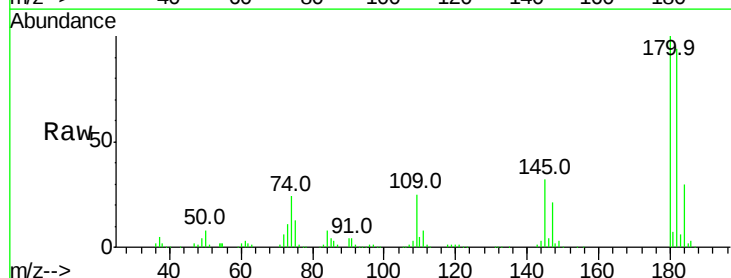
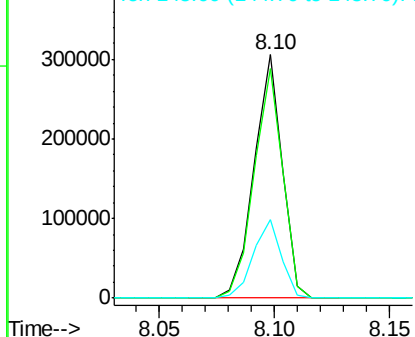
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

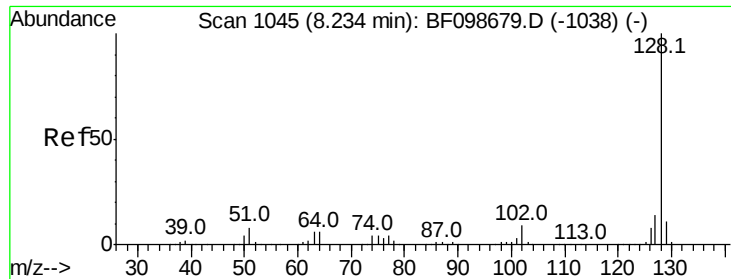


#30
 1,2,4-Trichlorobenzene
 Concen: 40.265 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion:	180	Resp:	260853
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
145	32.2	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





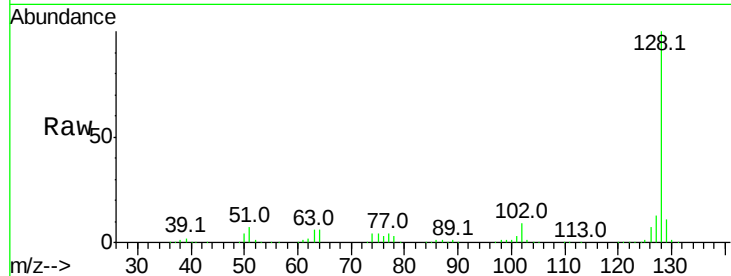
#31
Naphthalene
Concen: 39.905 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

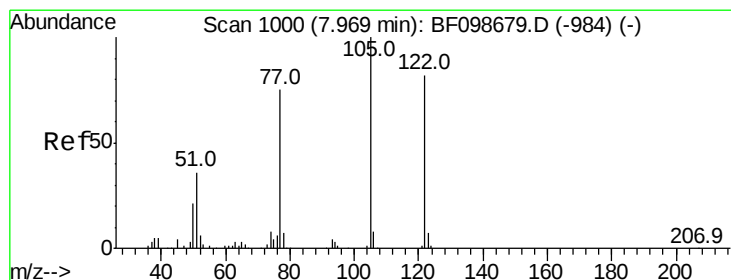
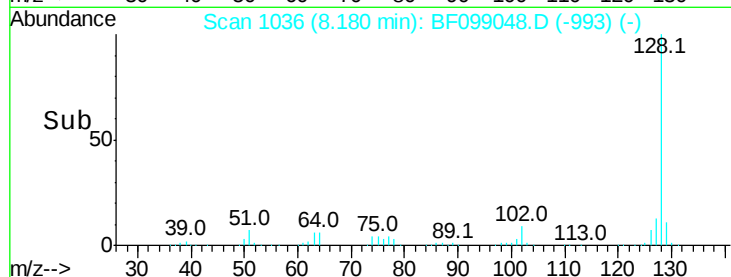
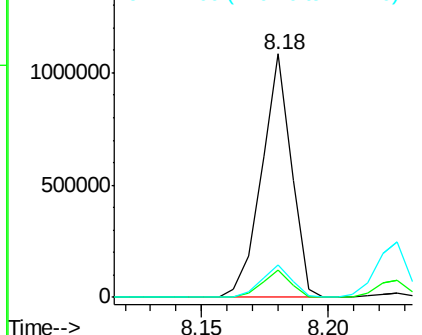
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.4	10.9	16.3	

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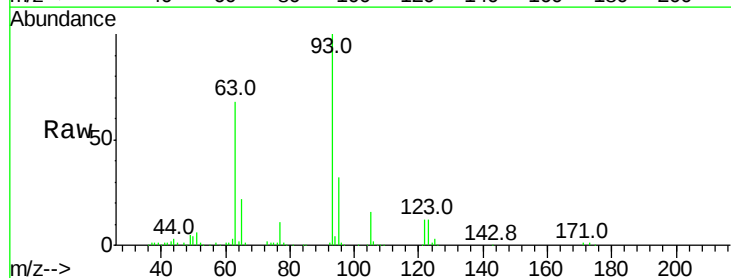


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

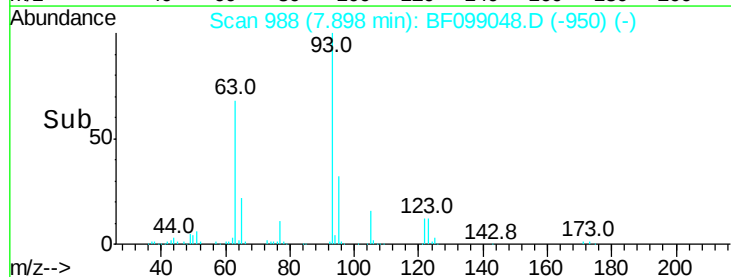
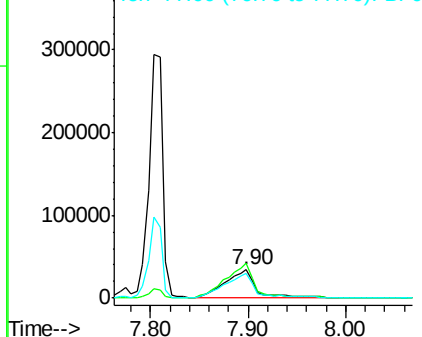


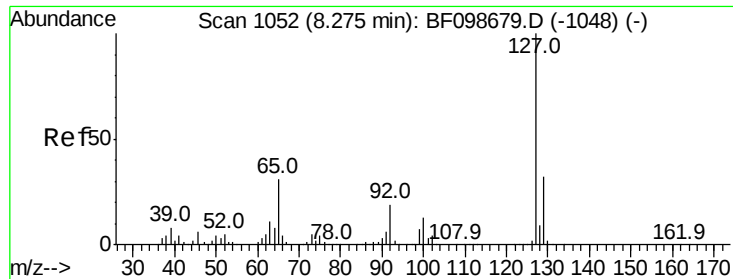
#32
Benzoic acid
Concen: 11.605 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.08 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.9	101.1	141.1	
77	86.7	70.7	110.7	



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





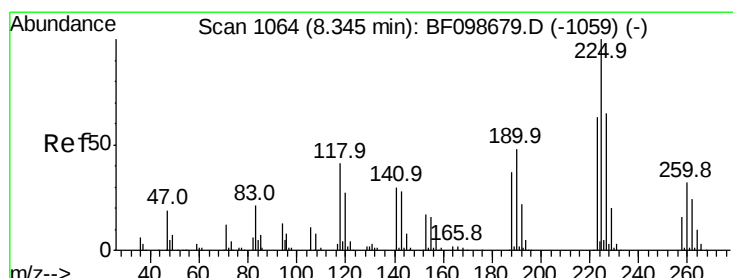
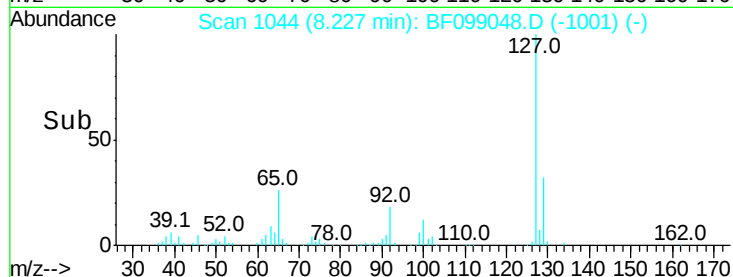
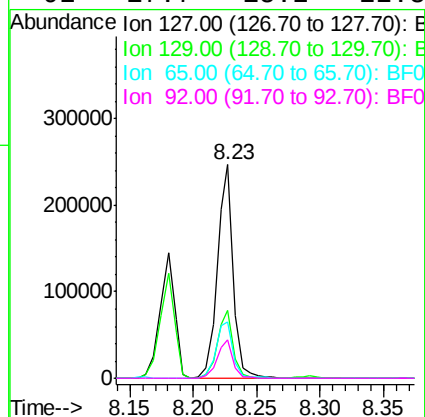
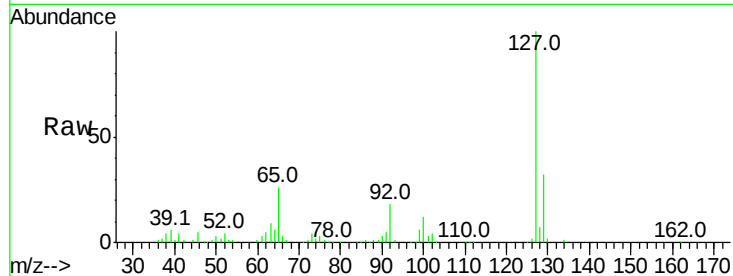
#33
4-Chloroaniline
Concen: 23.519 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.9	38.9	
65	26.3	25.0	37.4	
92	17.7	15.2	22.8	

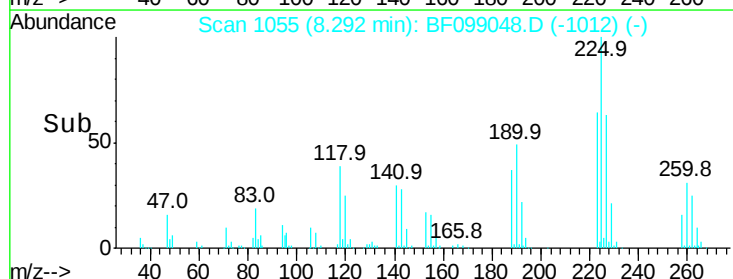
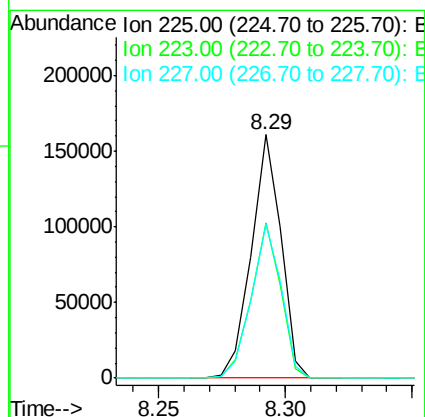
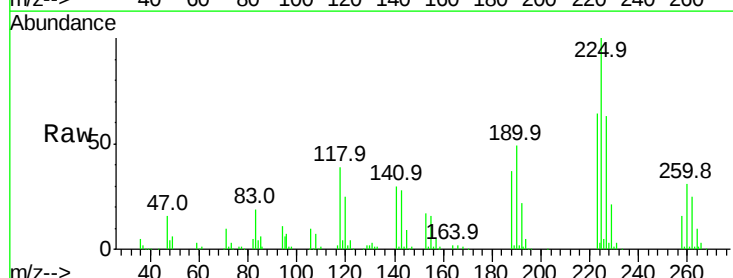
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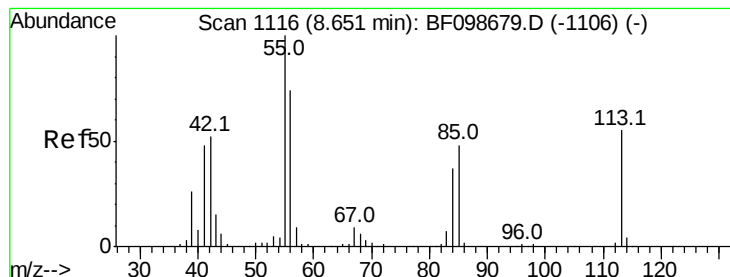
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#34
Hexachlorobutadiene
Concen: 39.484 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	63.1	51.9	77.9	





#35

Caprolactam

Concen: 36.534 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. -0.06 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MSD

Tot Ion:113 Resp: 75909

Ion Ratio Lower Upper

113 100

55 156.6 163.3 203.3#

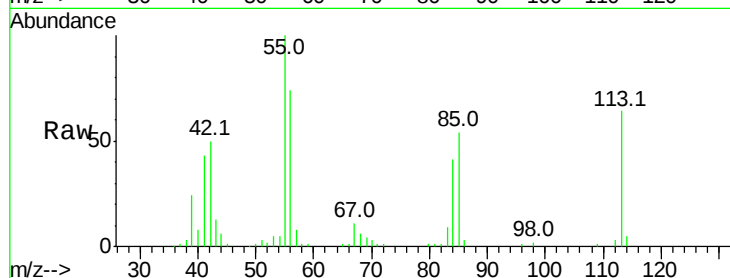
56 116.1 115.7 155.7

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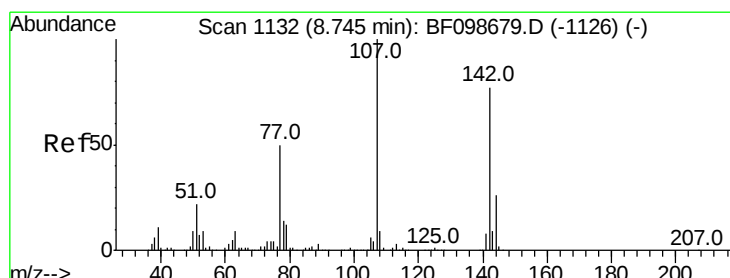
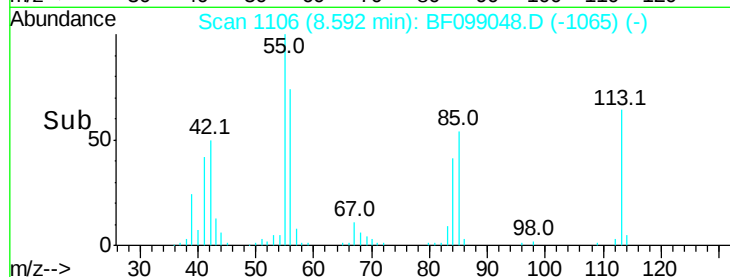
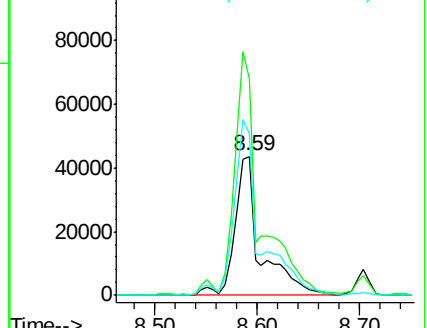
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.590 ng/mL

RT: 8.70 min Scan# 1125

Delta R.T. -0.04 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

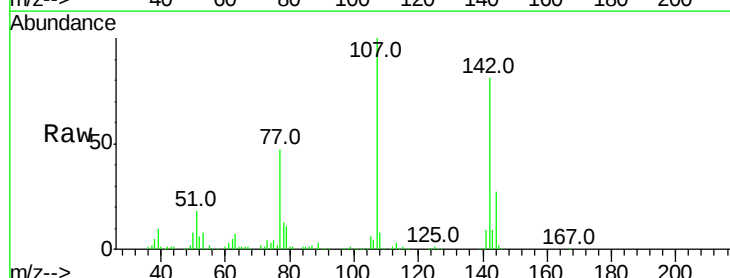
Tgt Ion:107 Resp: 259110

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

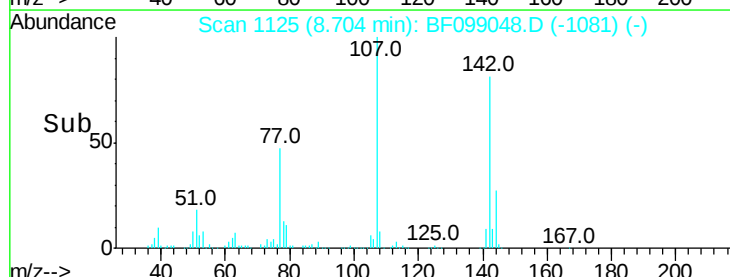
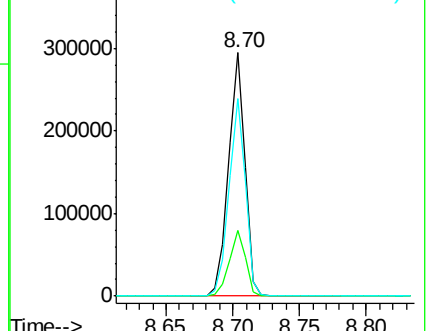
142 81.0 62.0 93.0

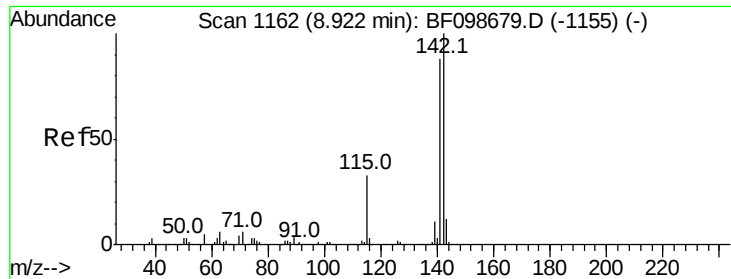


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





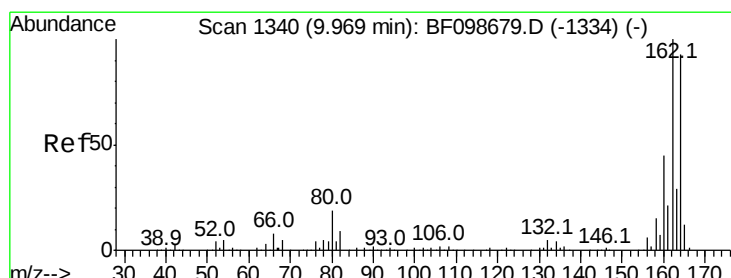
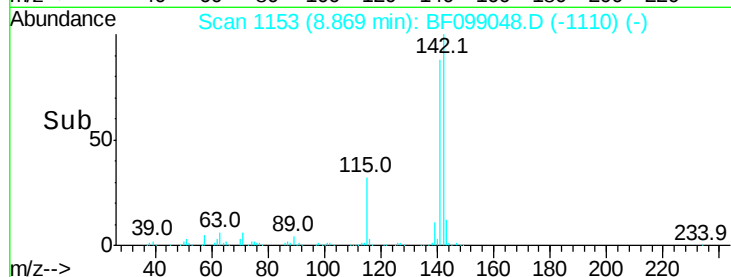
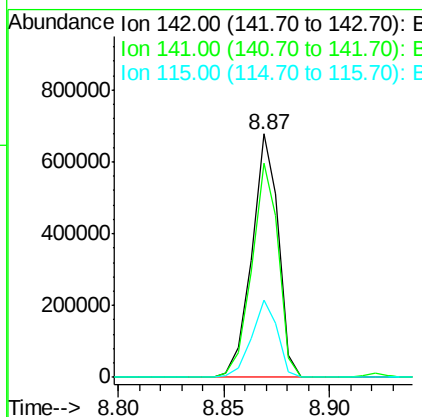
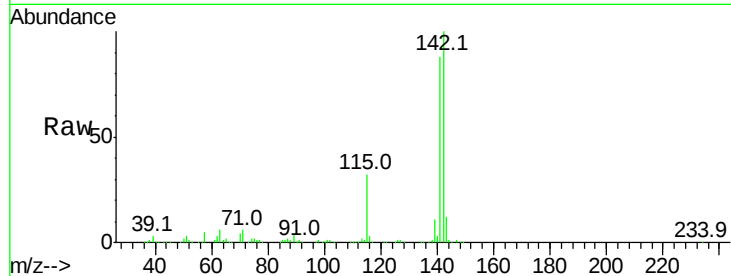
#37
2-Methylnaphthalene
Concen: 41.142 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	31.6	26.1	39.1

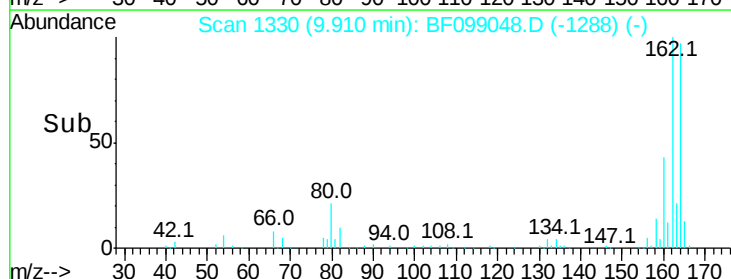
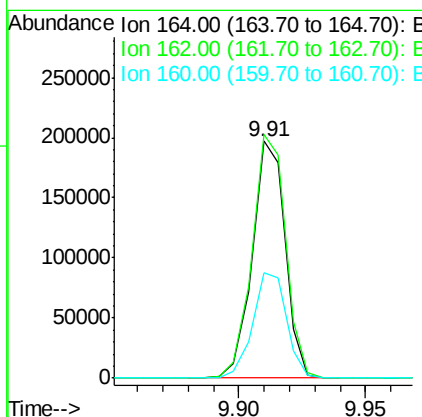
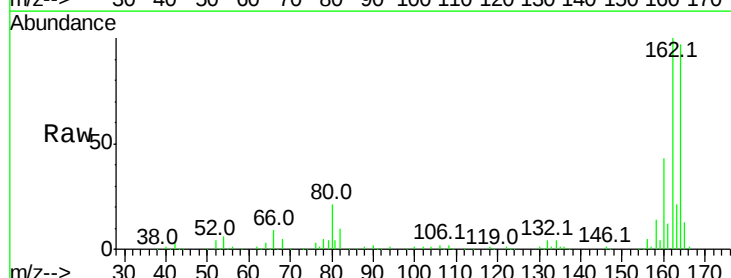
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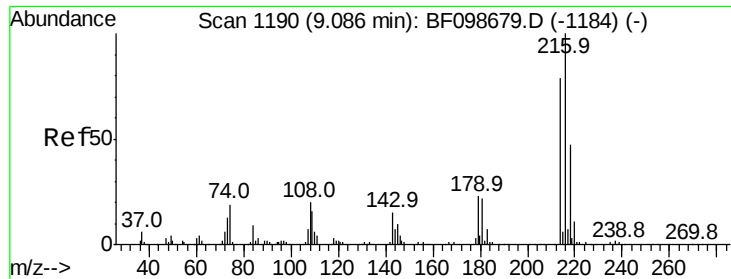
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	44.4	38.3	57.5





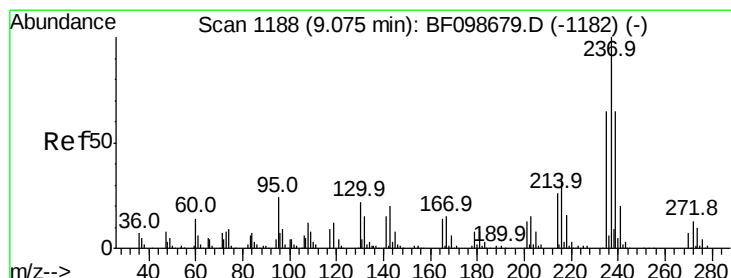
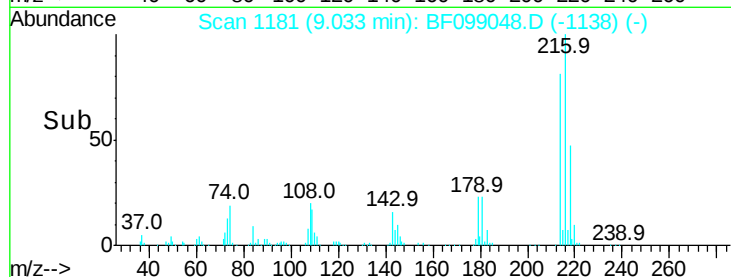
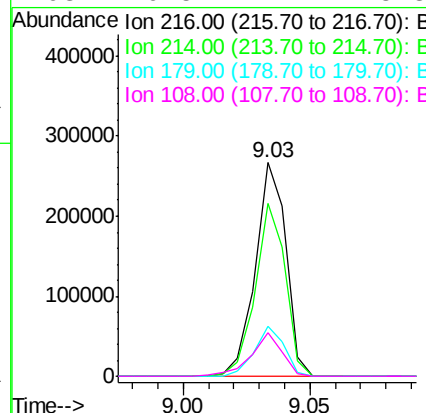
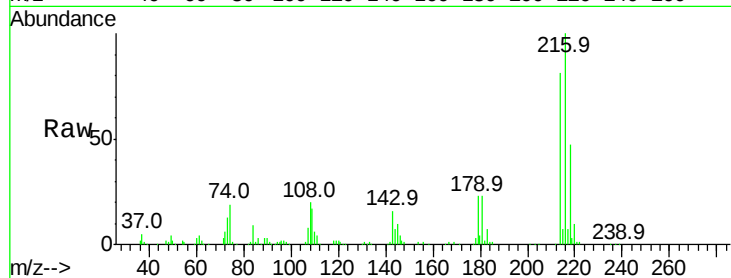
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.222 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	224421		
214	79.4	63.0	94.4	
179	22.6	18.1	27.1	
108	20.5	17.2	25.8	

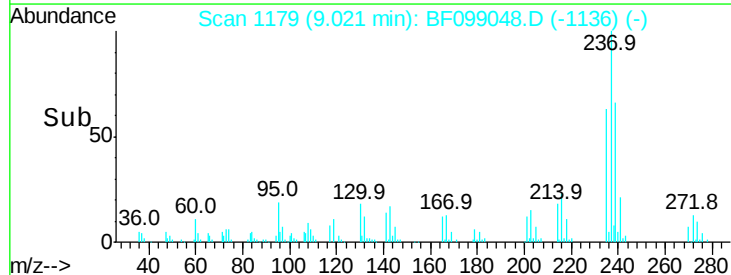
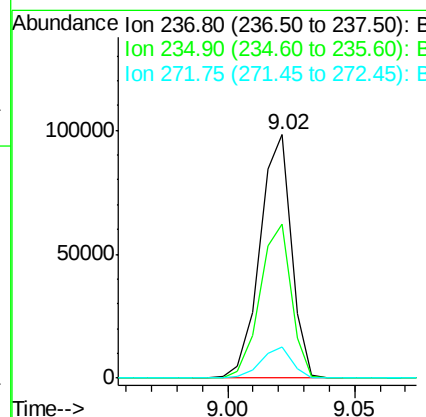
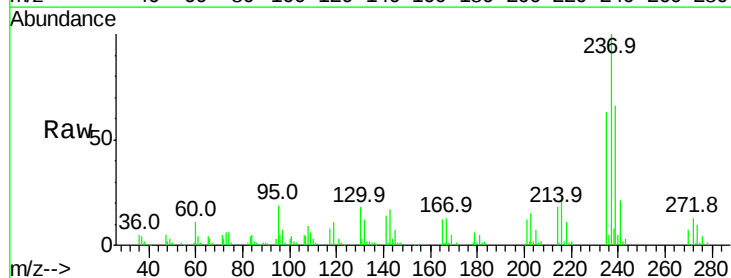
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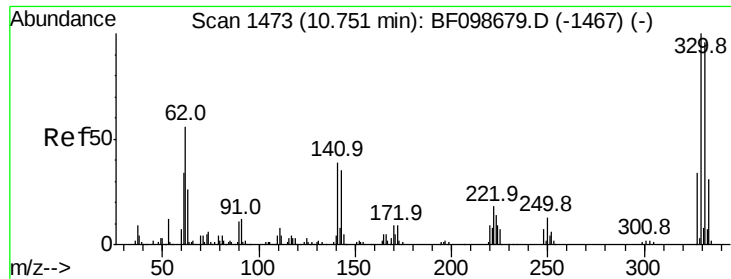
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#40
 Hexachlorocyclopentadiene
 Concen: 35.051 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85141		
235	63.1	44.8	84.8	
272	12.6	0.0	33.3	





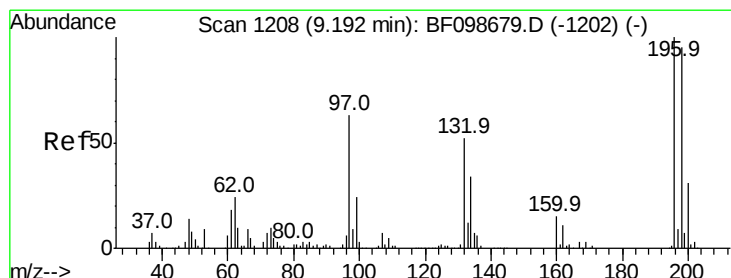
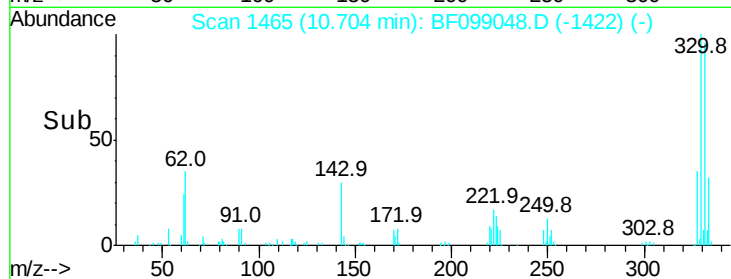
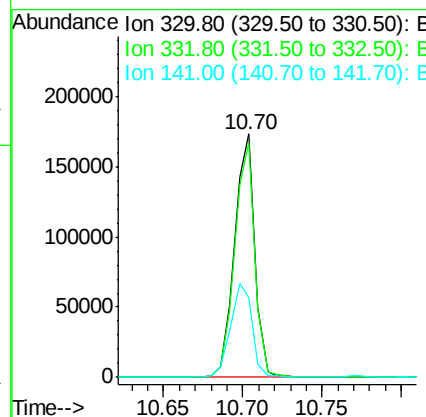
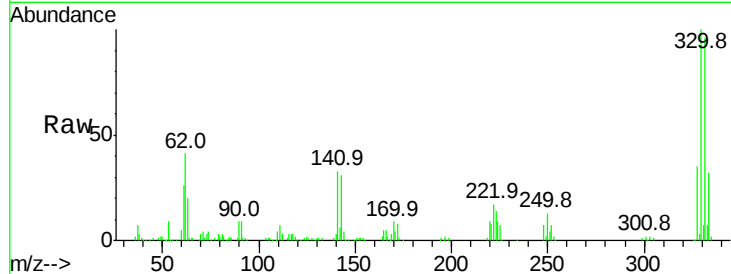
#41
 2,4,6-Tribromophenol
 Concen: 105.209 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	41.2	29.9	44.9	

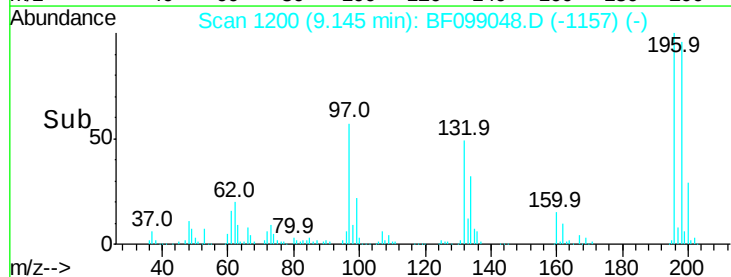
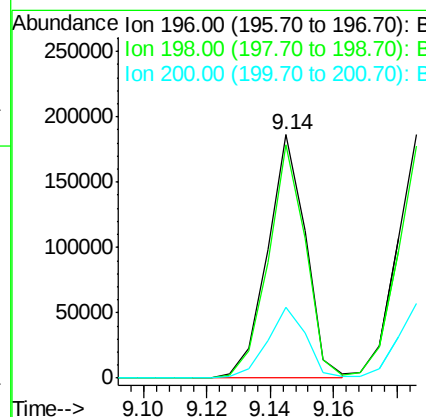
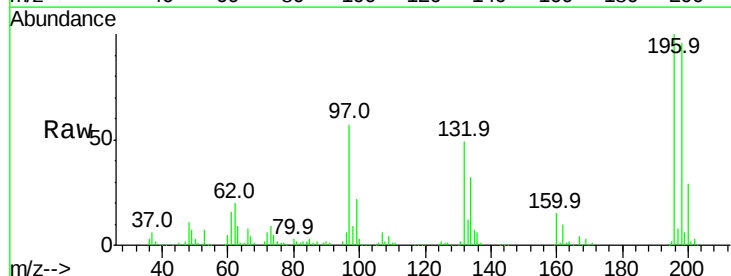
Manual Integrations
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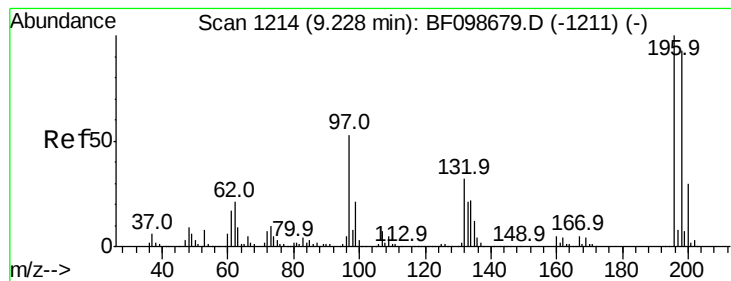
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#42
 2,4,6-Trichlorophenol
 Concen: 41.267 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	75.7	113.5	
200	29.2	24.5	36.7	





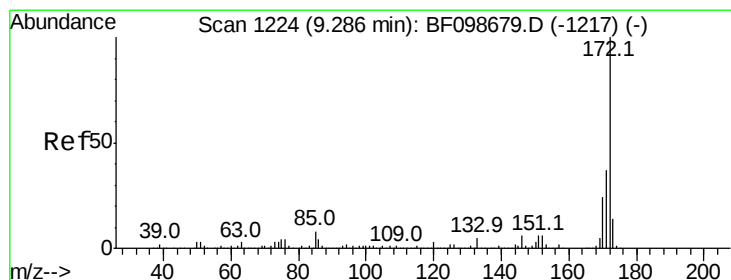
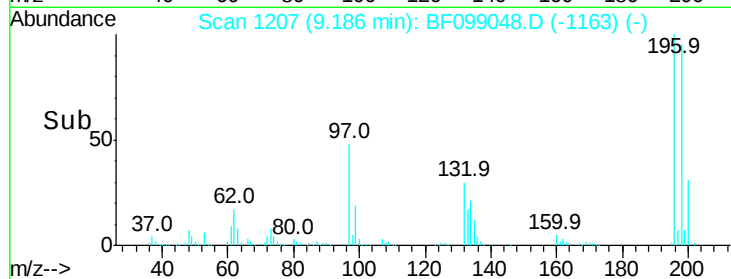
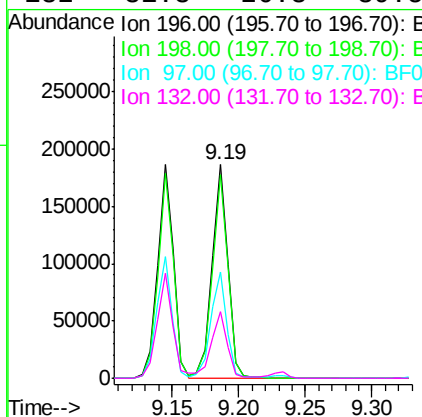
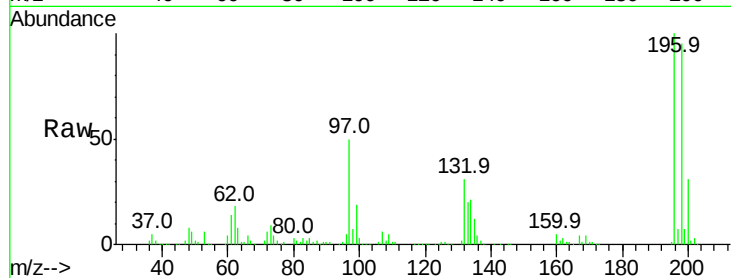
#43
 2,4,5-Trichlorophenol
 Concen: 41.729 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion:	196	Resp:	156857
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	49.6	42.9	64.3
132	31.3	26.3	39.5

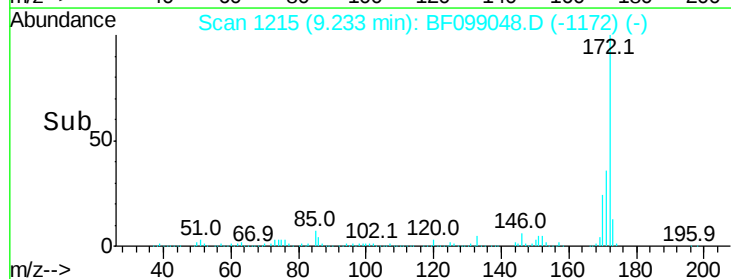
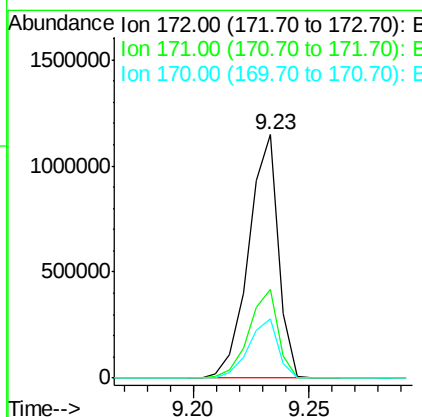
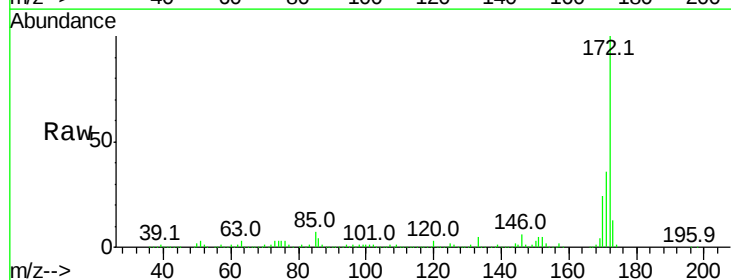
Manual Integrations
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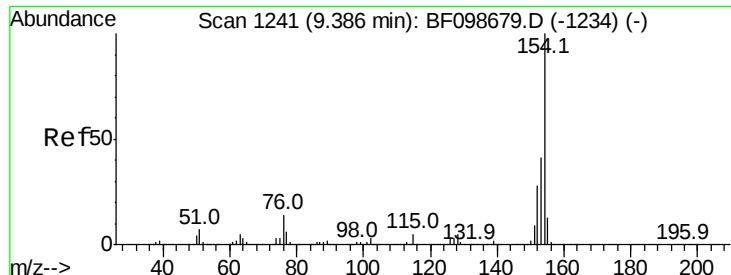
Sohil
 10/4/2017 7:21:26 PM



#44
 2-Fluorobiphenyl
 Concen: 96.696 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion:	172	Resp:	1032334
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4





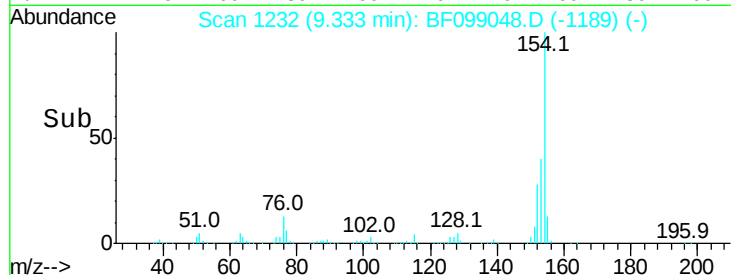
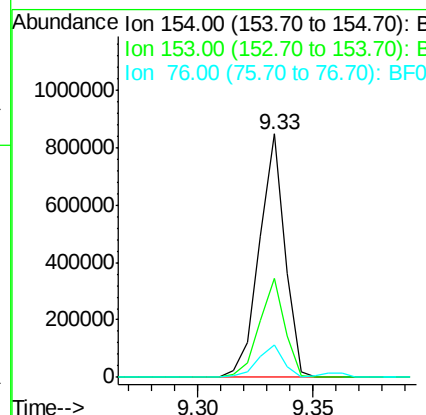
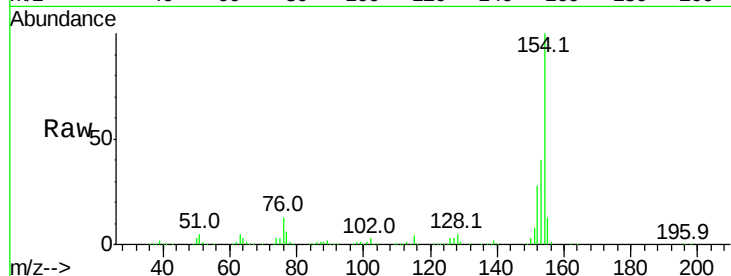
#45
 1,1'-Biphenyl
 Concen: 43.166 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.2	0.0	34.0

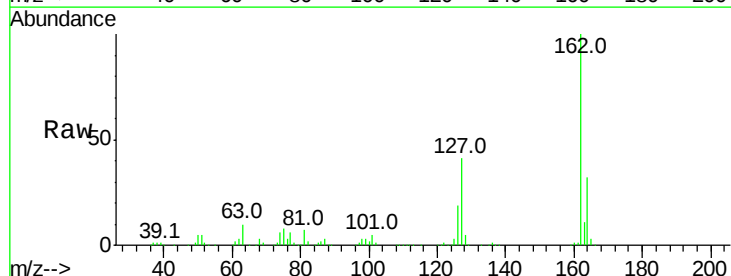
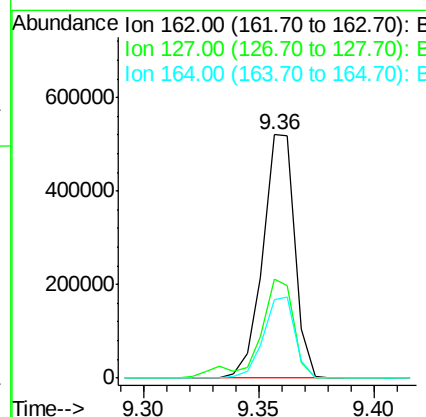
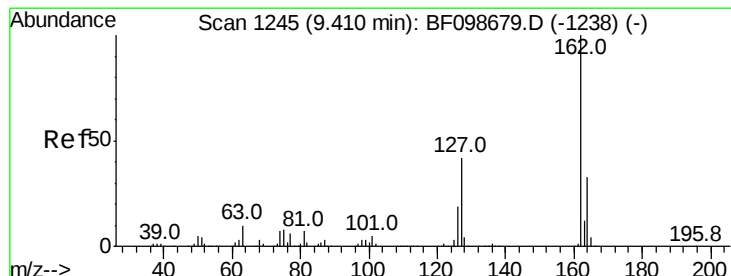
Manual Integrations
 APPROVED

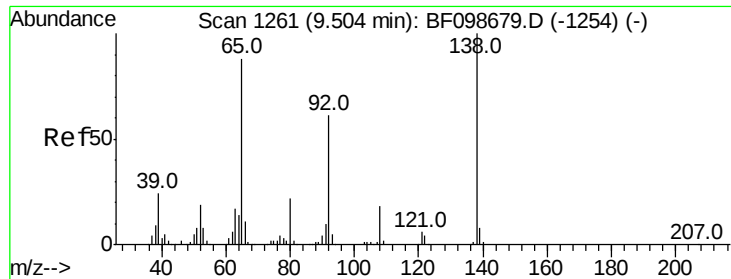
Sohil
 10/4/2017 7:21:26 PM



#46
 2-Chloronaphthalene
 Concen: 43.659 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	32.3	26.5	39.7





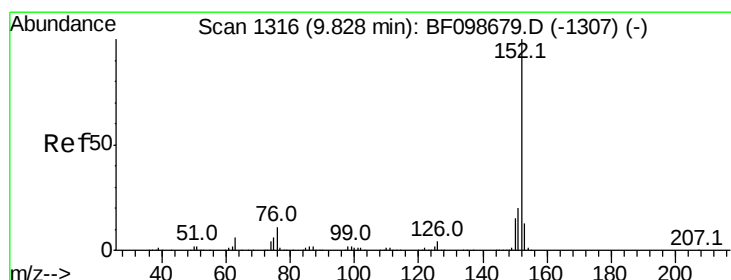
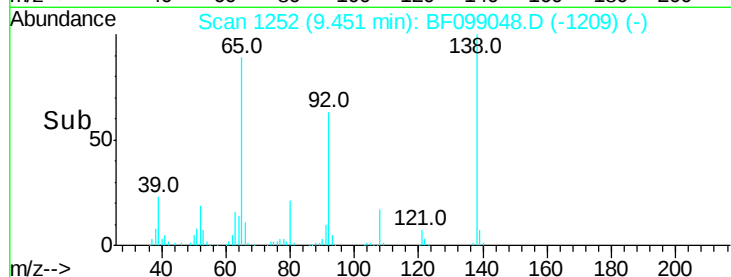
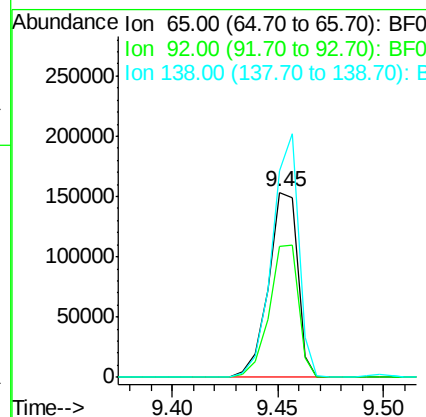
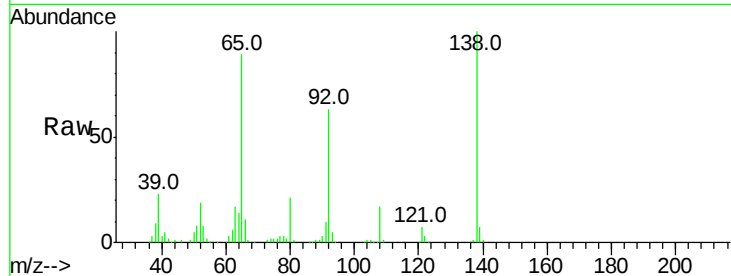
#47
2-Nitroaniline
Concen: 41.987 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	111.9	91.2	136.8

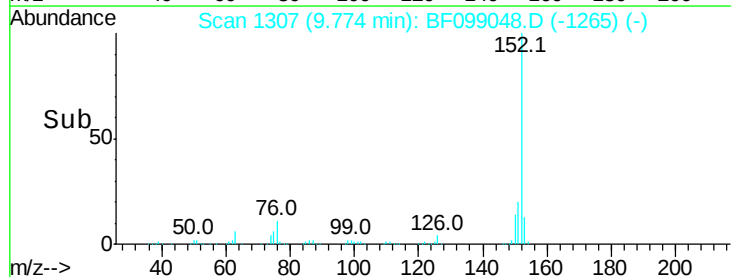
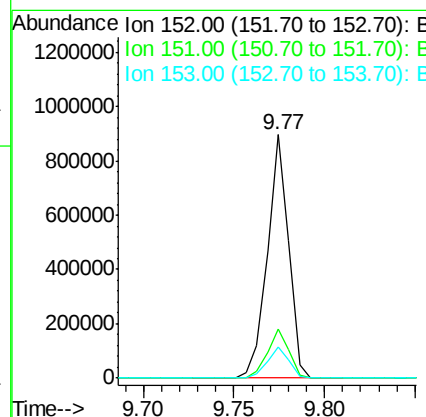
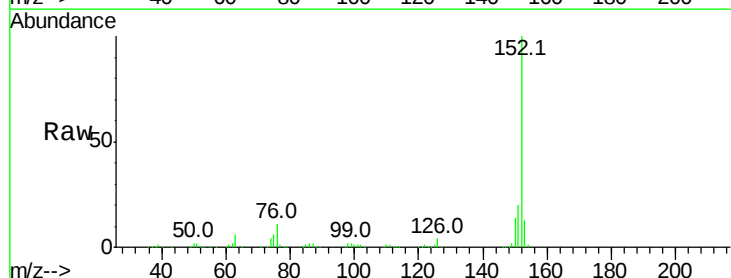
Manual Integrations
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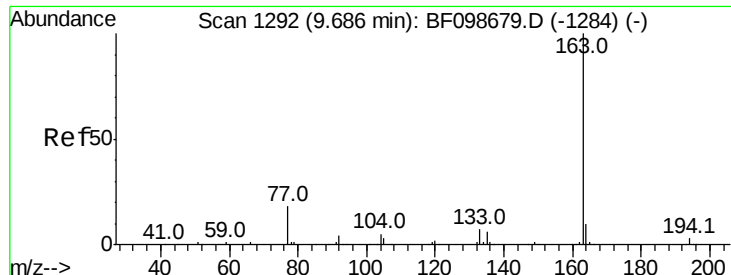
Sohil
10/4/2017 7:21:26 PM



#48
Acenaphthylene
Concen: 41.342 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





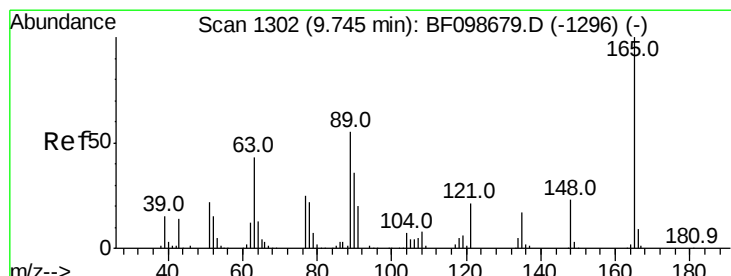
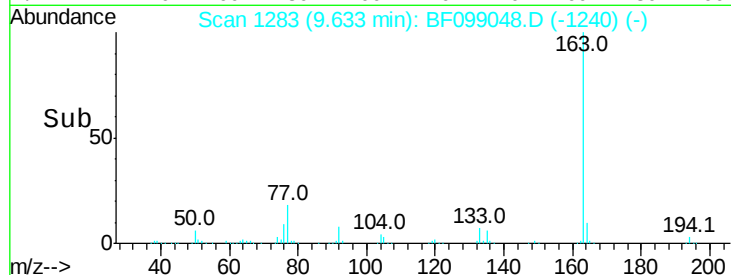
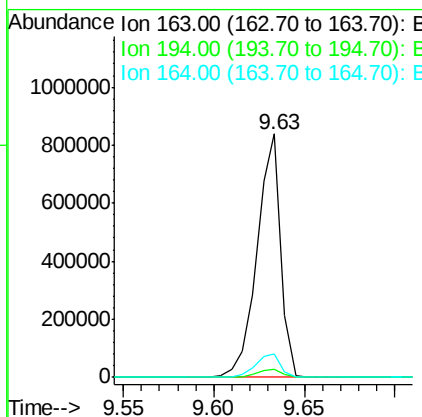
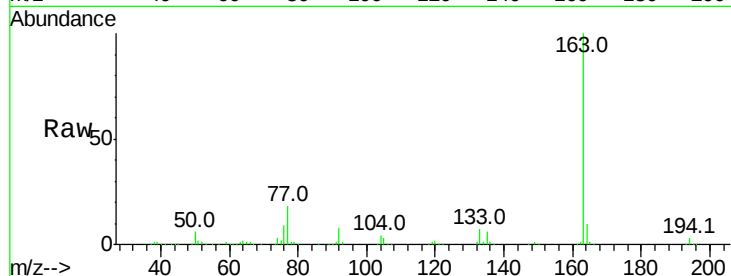
#49
Dimethylphthalate
Concen: 56.132 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	755074		
194	3.4		2.7	4.1
164	9.9		8.2	12.2

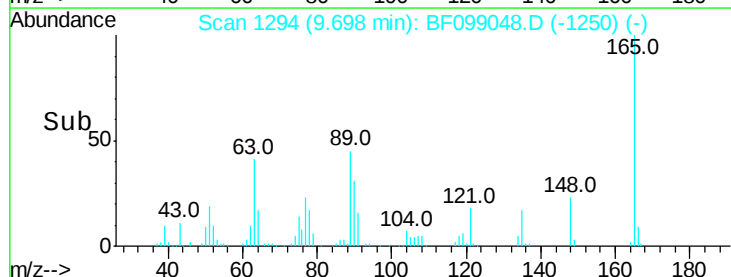
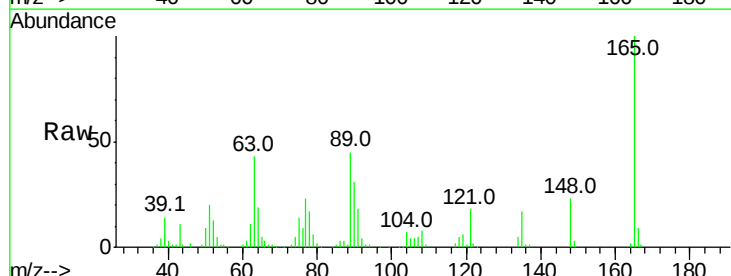
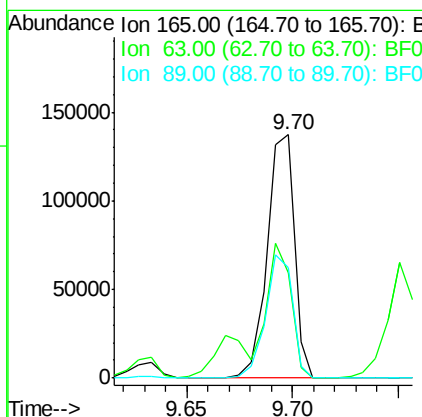
Manual Integrations
APPROVED

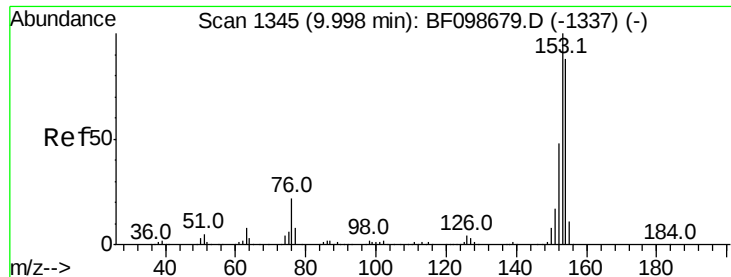
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.281 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123820		
63	43.1		44.7	67.1#
89	45.2		44.0	66.0





#51

Acenaphthene

Concen: 39.864 ng

RT: 9.94 min Scan# 1336

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

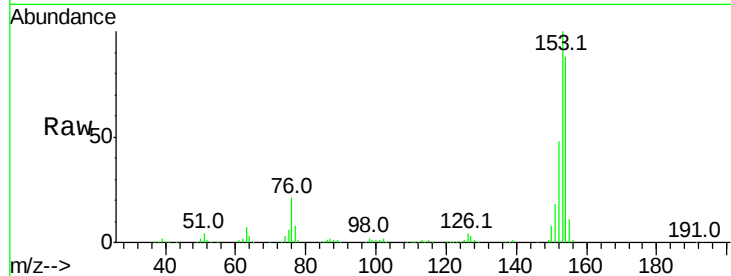
ClientSampleId :

FK-PS-01-016MSD

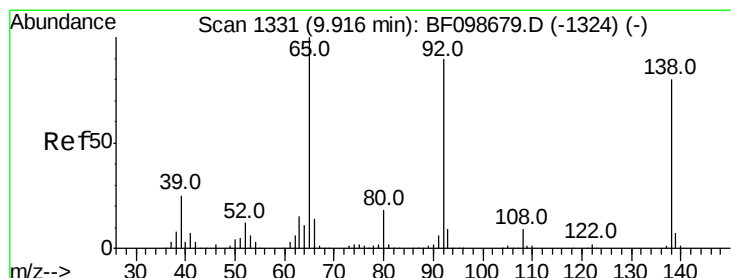
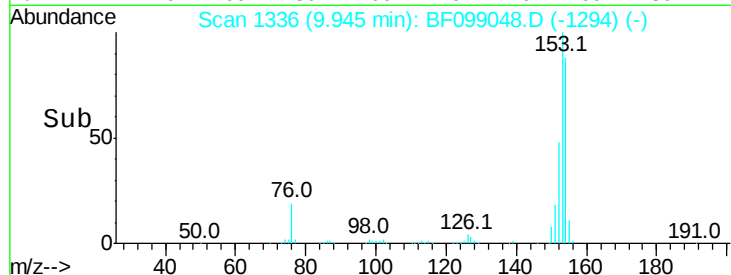
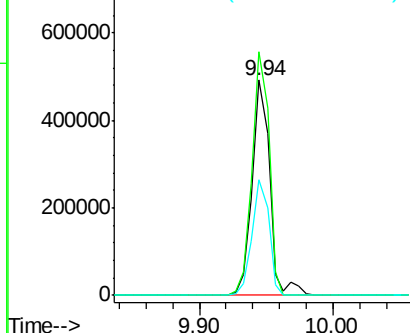
Tot Ion:	154	Resp:	444580
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	53.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 30.119 ng

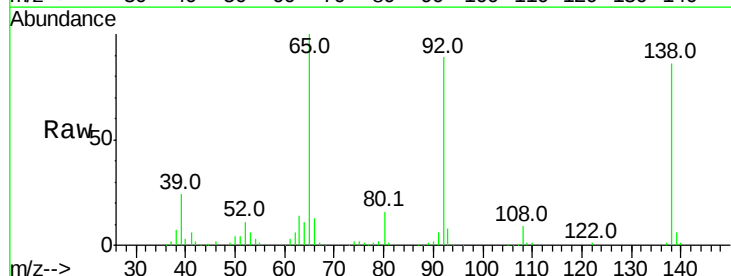
RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

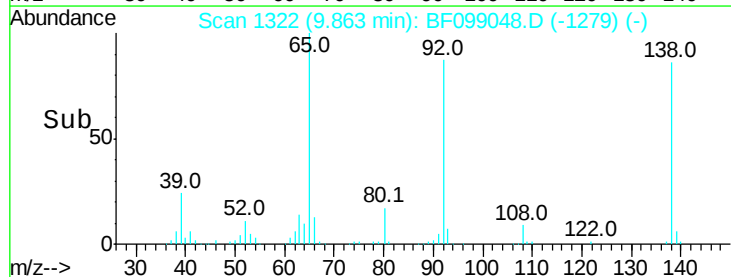
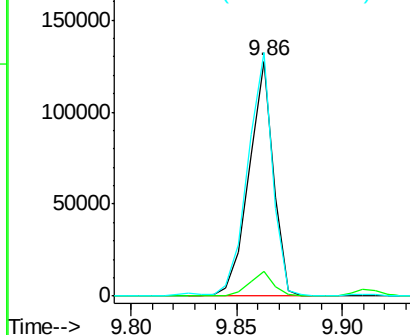
Lab File: BF099048.D

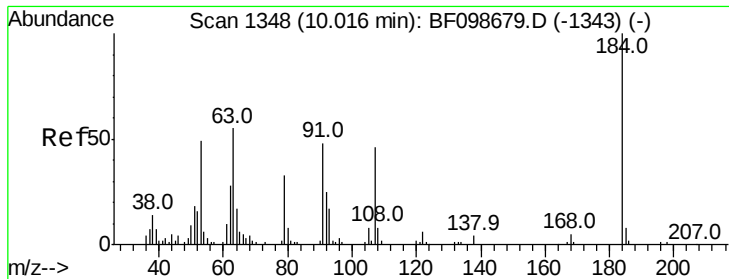
Acq: 3 Oct 2017 23:35

Tgt Ion:	138	Resp:	102845
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	103.5	89.4	134.2



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





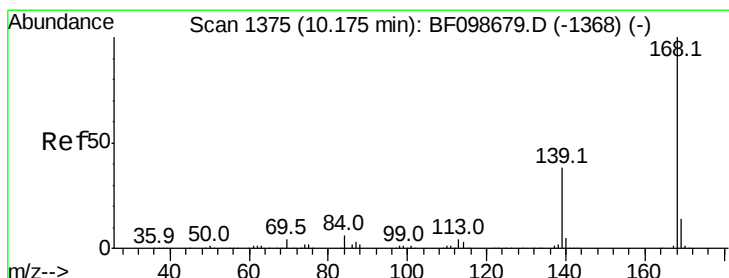
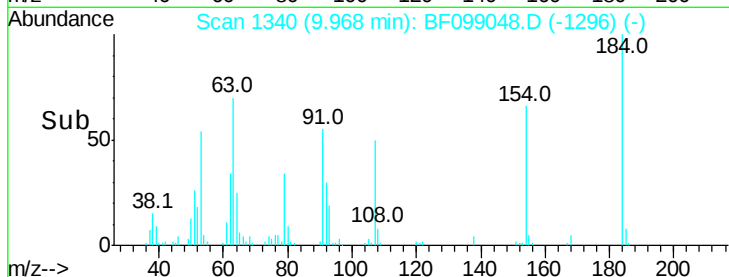
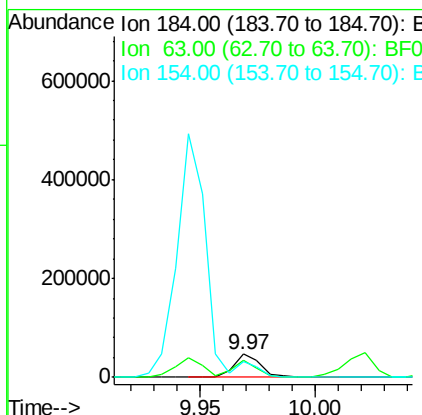
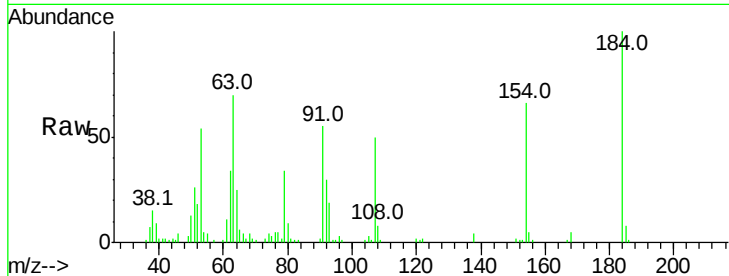
#53
2,4-Dinitrophenol
Concen: 29.358 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.3	54.2	81.2	
154	65.5	53.5	80.3	

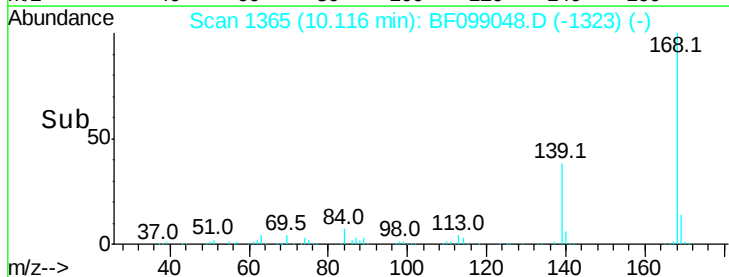
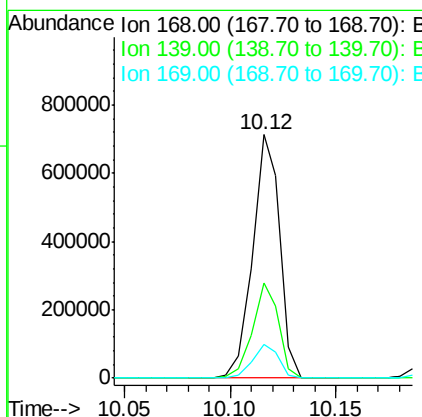
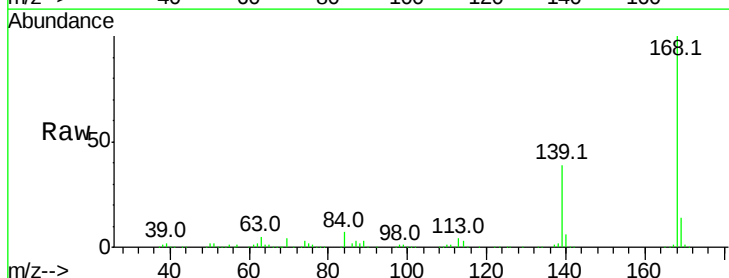
Manual Integrations
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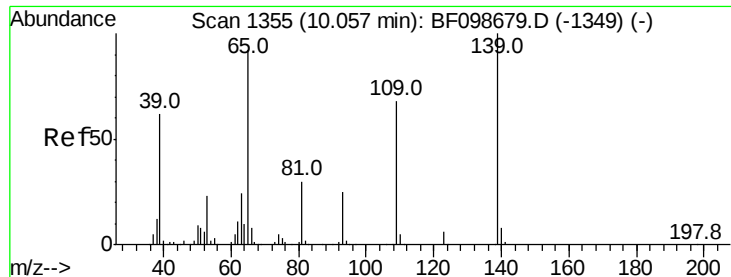
Sohil
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#54
Dibenzofuran
Concen: 42.604 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	30.1	45.1	
169	13.7	10.9	16.3	





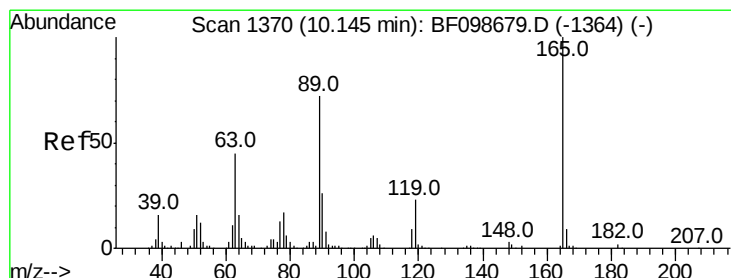
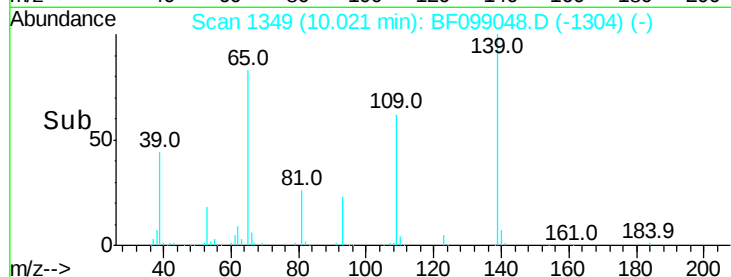
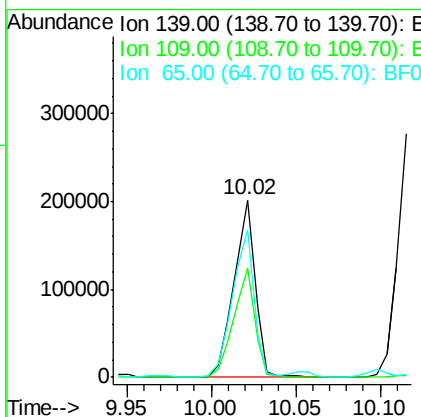
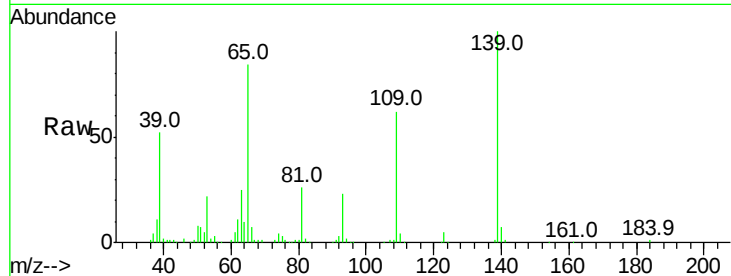
#55
4-Nitrophenol
Concen: 61.516 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.6	48.4	88.4
65	83.6	72.6	112.6

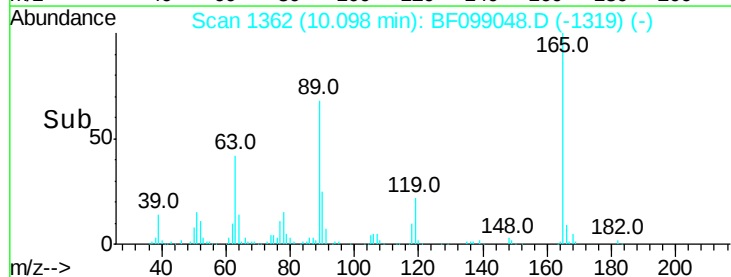
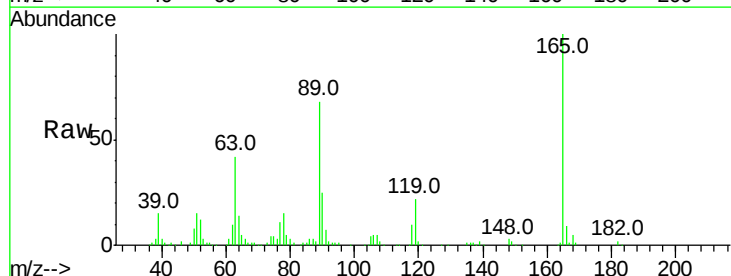
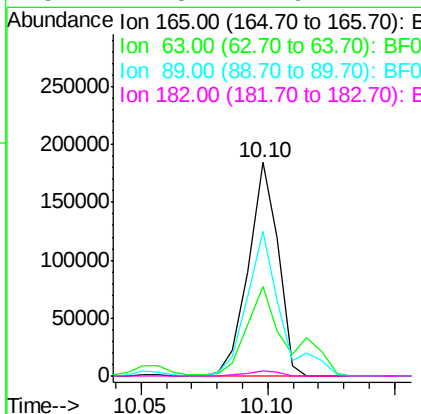
Manual Integrations
APPROVED

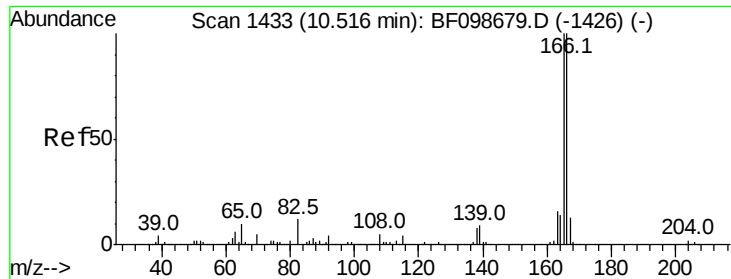
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.728 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.4	54.6
89	67.8	57.8	86.6
182	2.3	1.6	2.4





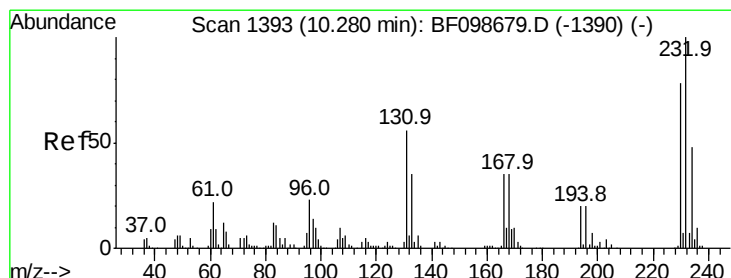
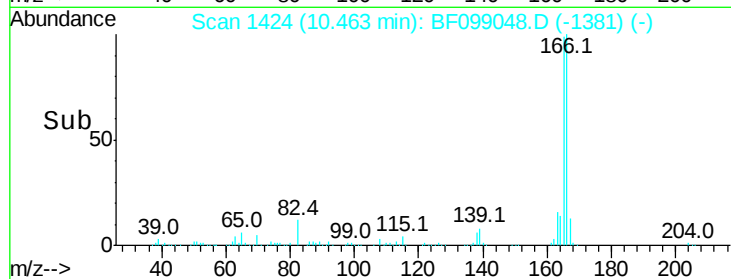
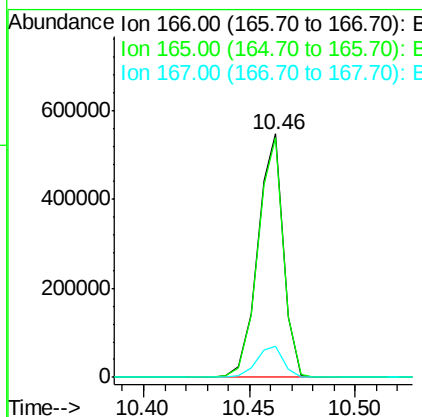
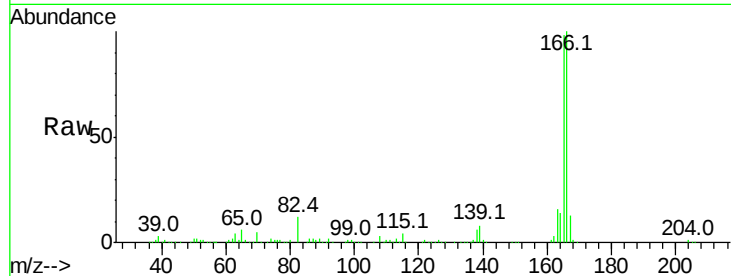
#57
Fluorene
 Concen: 38.441 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	79.8	119.8	
167	12.9	10.6	16.0	

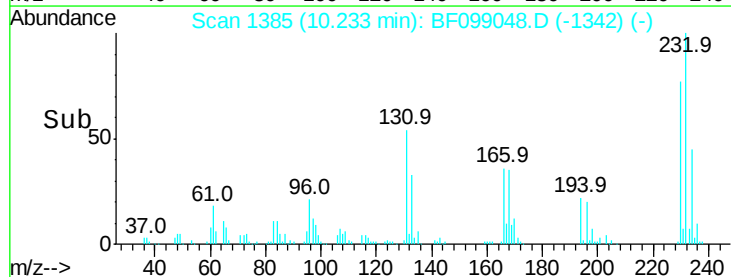
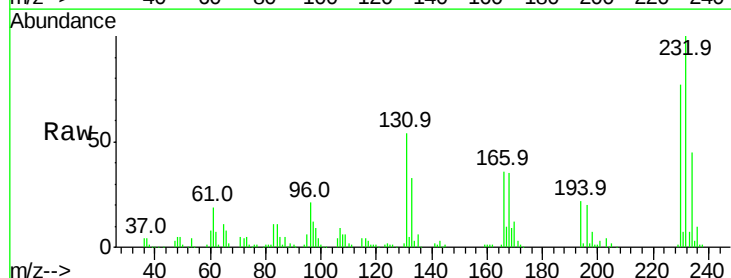
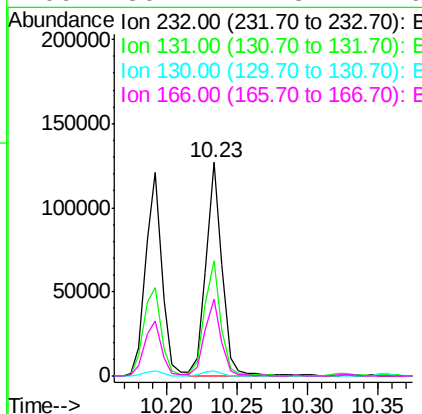
Manual Integrations
 APPROVED

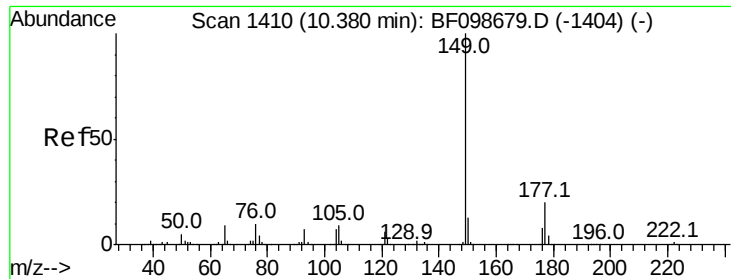
Sohil
 10/4/2017 7:21:26 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.994 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	43.8	65.8	
130	2.5	2.1	3.1	
166	36.4	27.8	41.6	





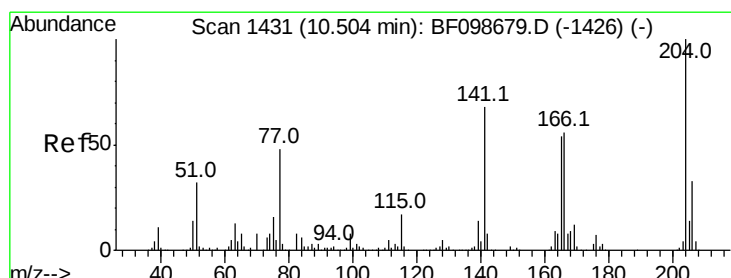
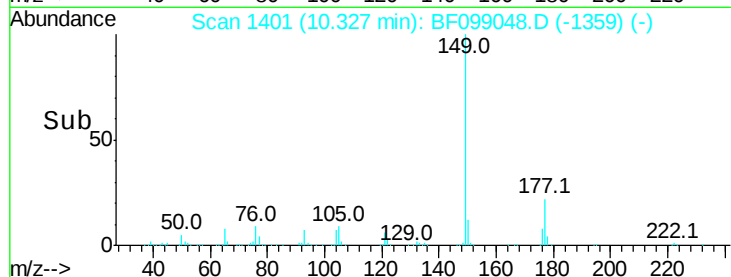
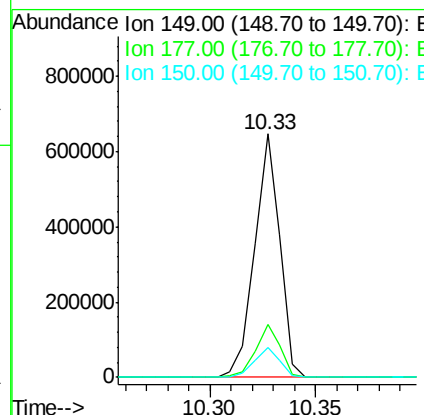
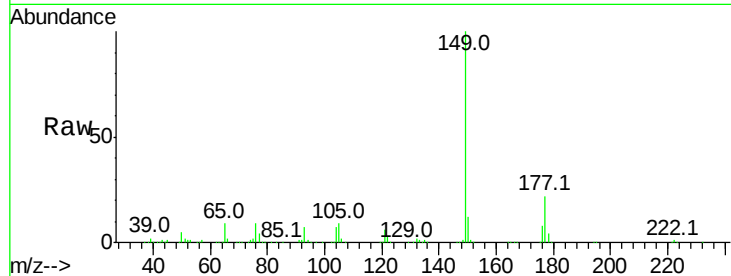
#59
Diethylphthalate
Concen: 40.794 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.6	16.1	24.1	
150	12.5	10.1	15.1	

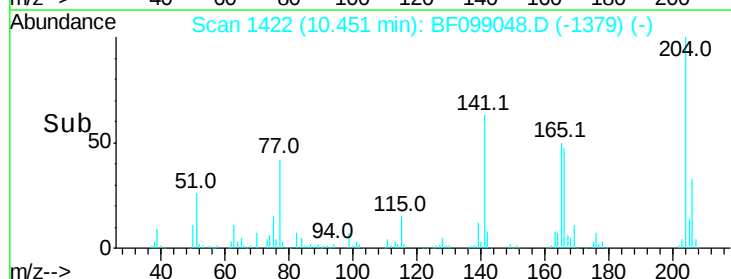
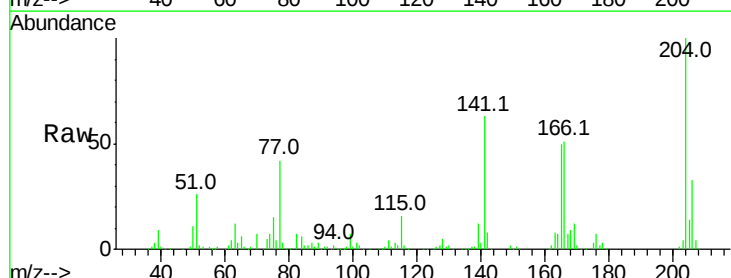
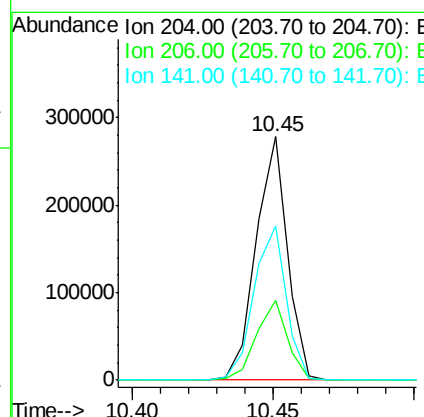
Manual Integrations
APPROVED

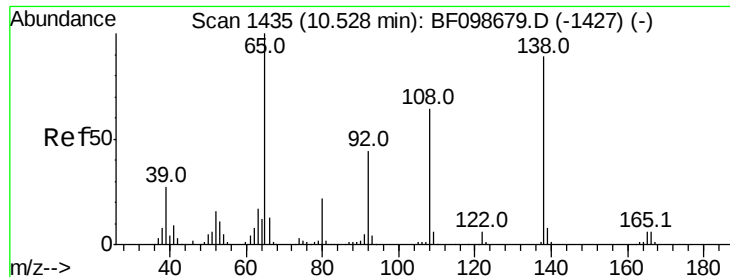
Sohil
10/4/2017 7:21:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	26.5	39.7	
141	63.1	54.6	81.8	





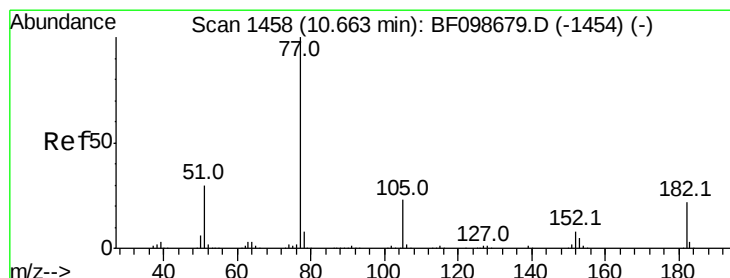
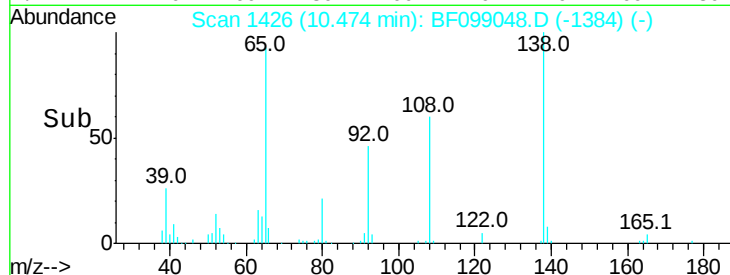
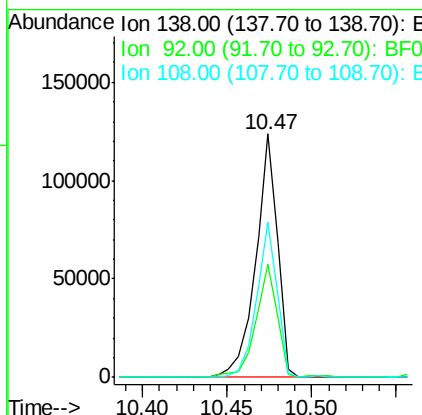
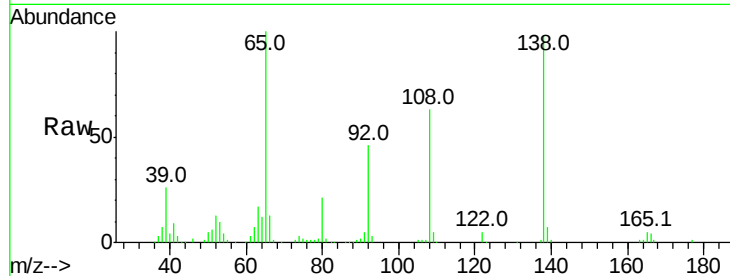
#61
4-Nitroaniline
Concen: 33.805 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	111366		
92	46.4	30.2	70.2	
108	63.6	52.5	92.5	

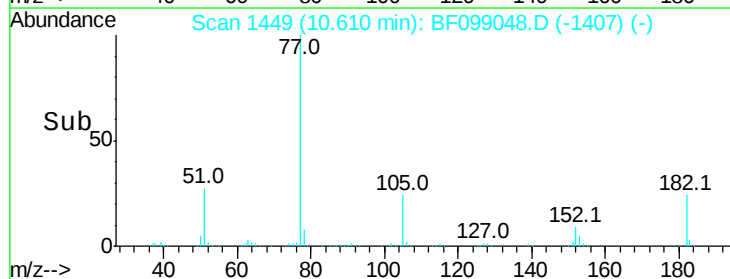
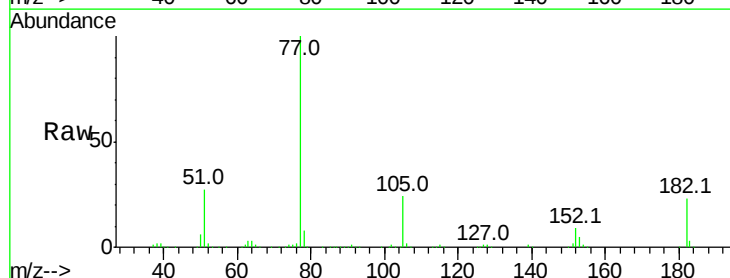
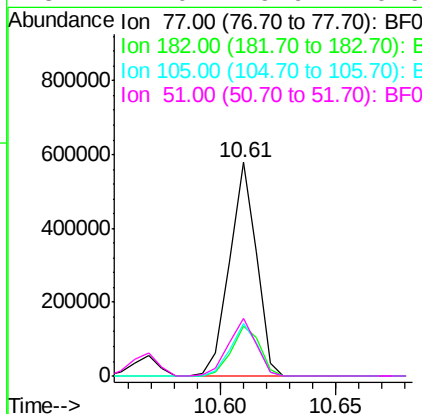
Manual Integrations
APPROVED

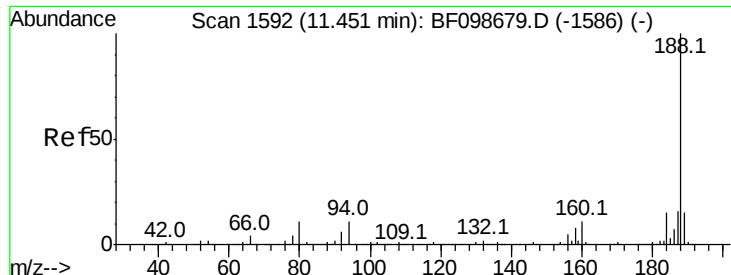
Sohil
10/4/2017 7:21:26 PM



#62
Azobenzene
Concen: 38.822 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	469195		
182	23.5	1.7	41.7	
105	24.5	3.0	43.0	
51	27.0	9.9	49.9	





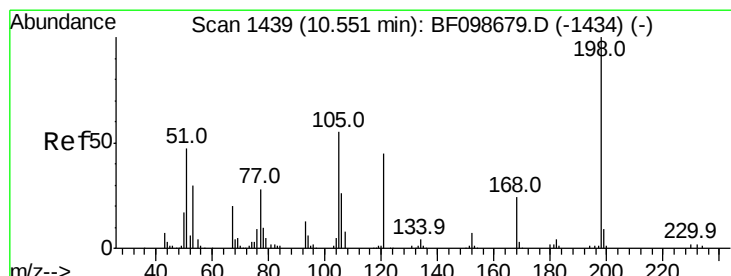
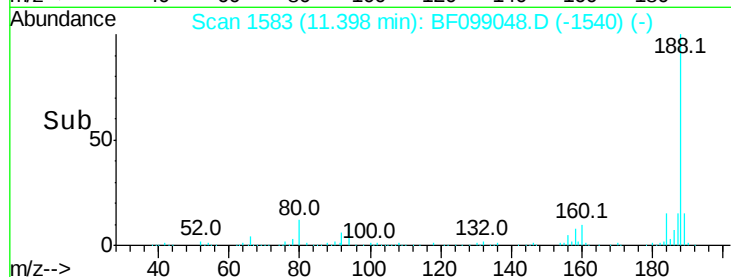
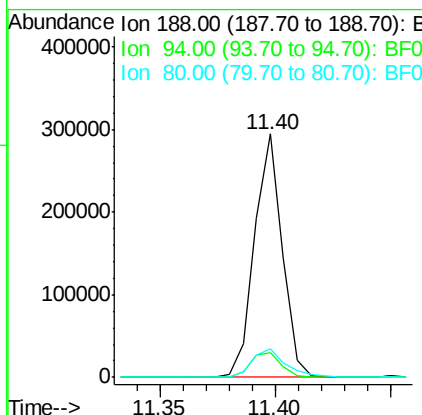
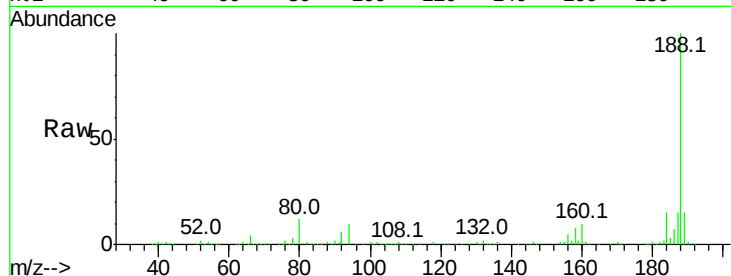
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.6	9.2	13.8

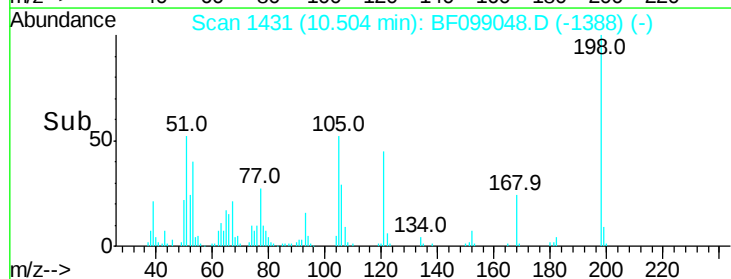
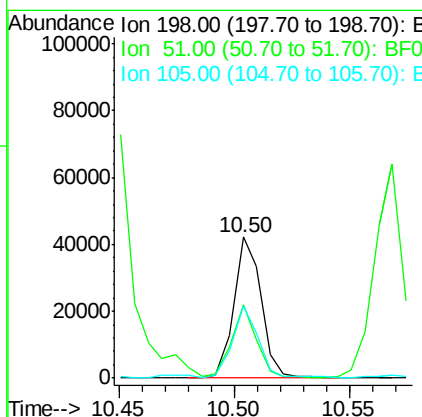
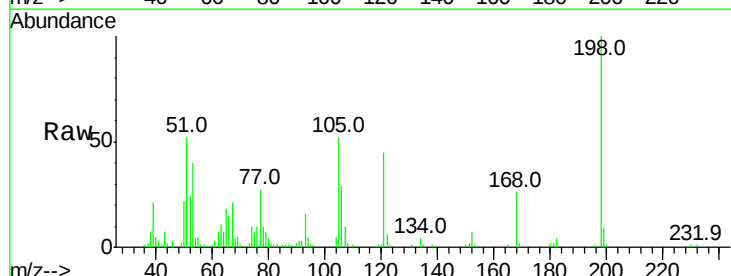
Manual Integrations
 APPROVED

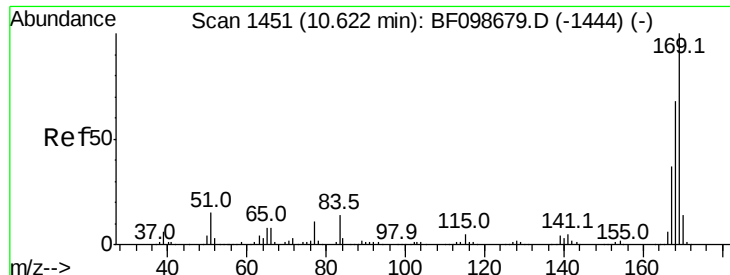
Sohil
 10/4/2017 7:21:26 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.270 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	51.8	37.7	77.7
105	51.5	36.3	76.3





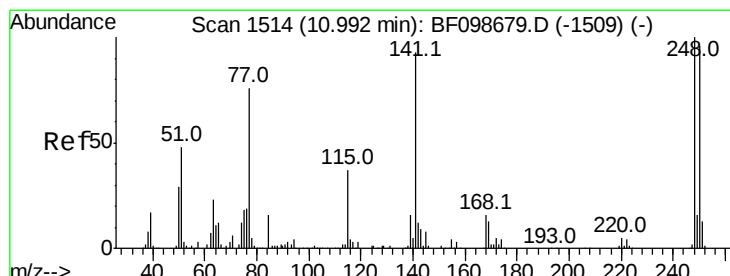
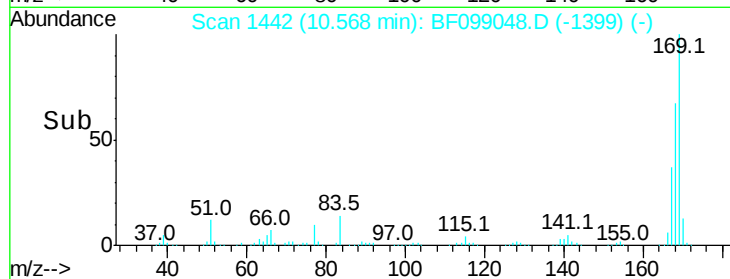
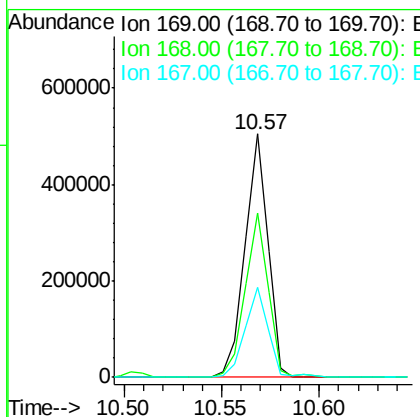
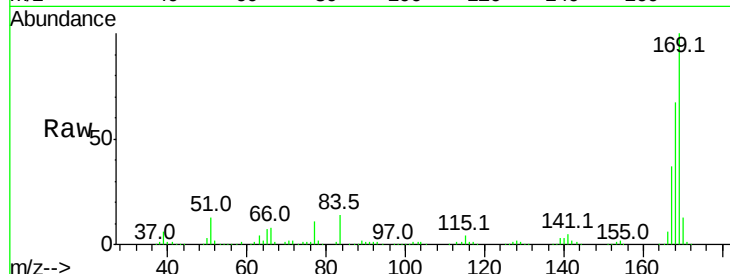
#65
n-Nitrosodiphenylamine
Concen: 48.521 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.2	29.8	44.6

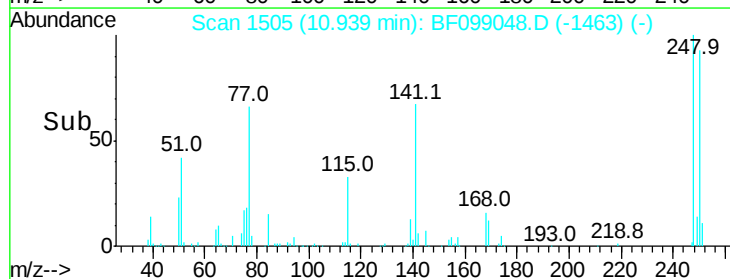
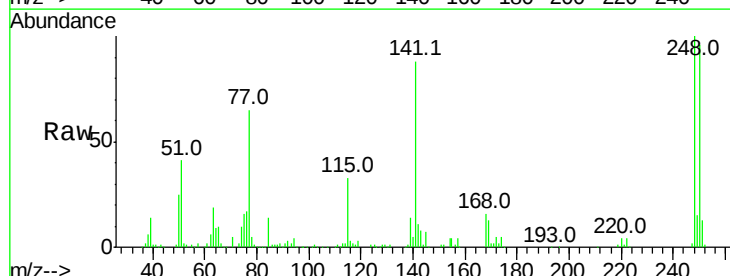
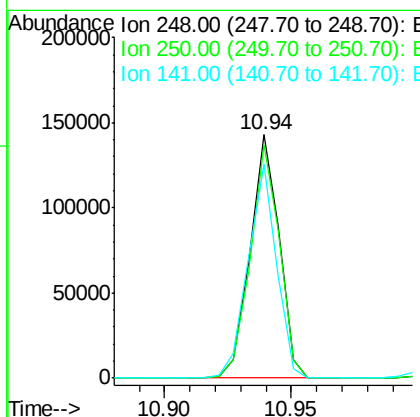
Manual Integrations
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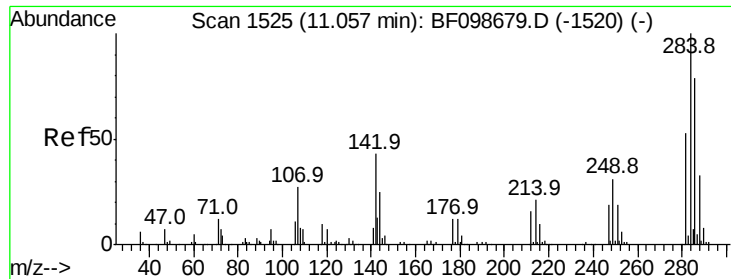
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.332 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	87.9	74.4	111.6





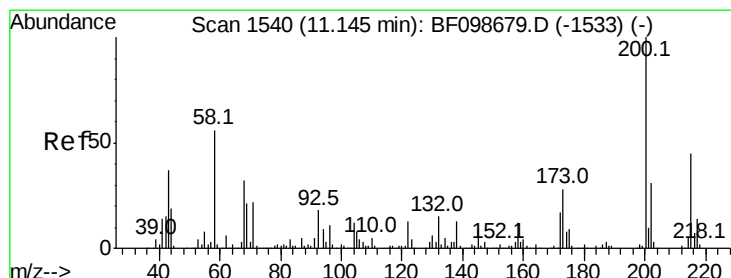
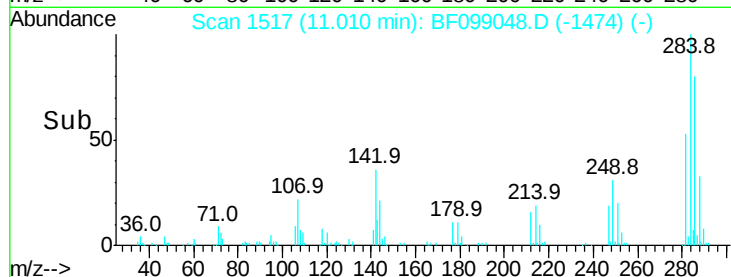
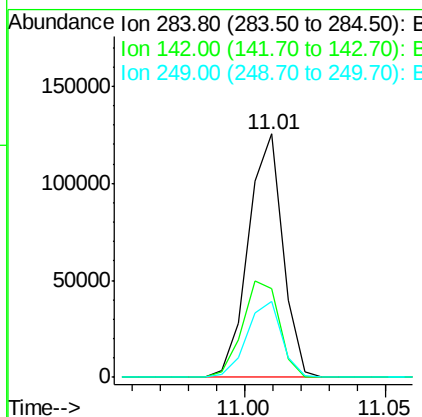
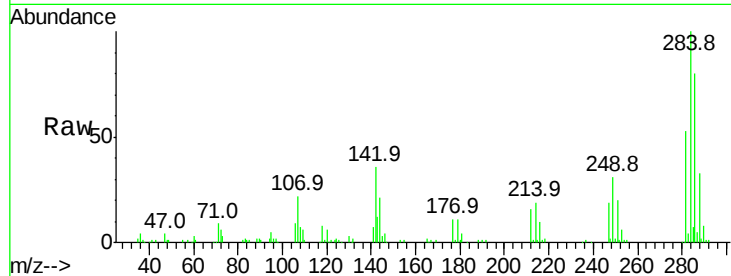
#67
Hexachlorobenzene
Concen: 41.254 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	106171		
142	36.5	34.6	52.0	
249	31.1	24.8	37.2	

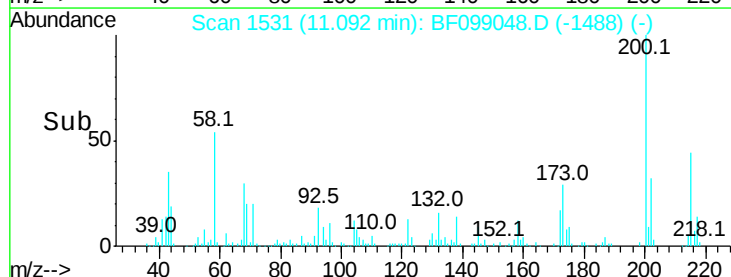
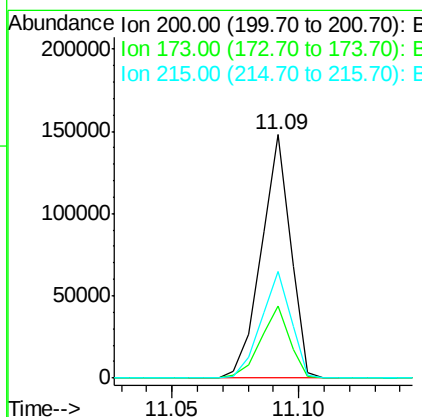
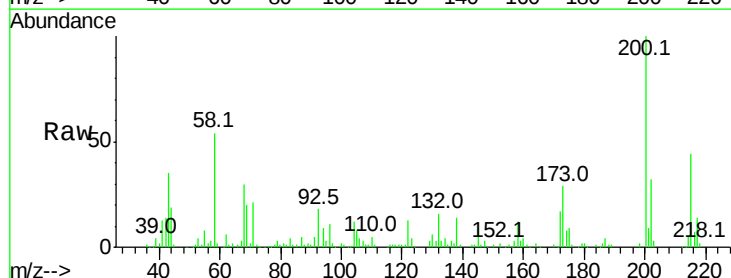
Manual Integrations
APPROVED

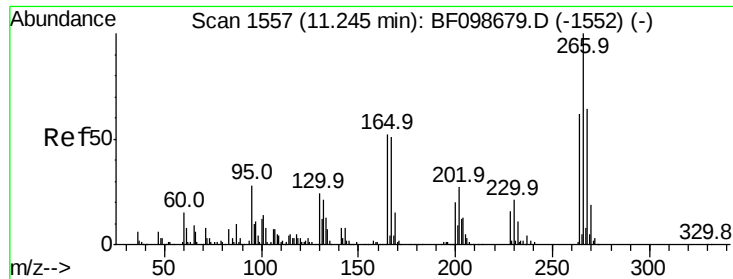
Sohil
10/4/2017 7:21:26 PM



#68
Atrazine
Concen: 46.595 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	119558		
173	29.5	8.6	48.6	
215	43.9	25.1	65.1	





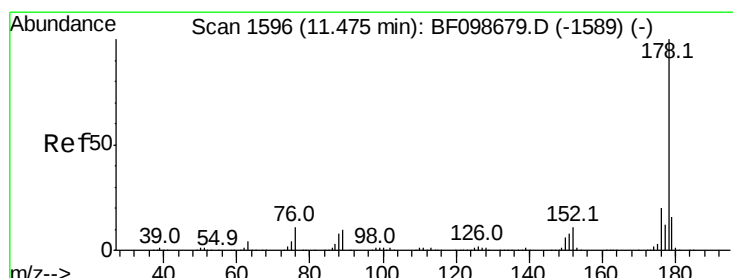
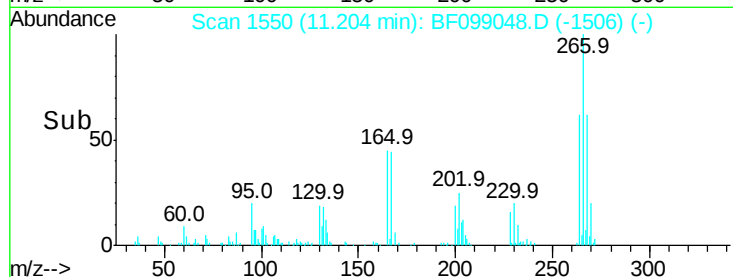
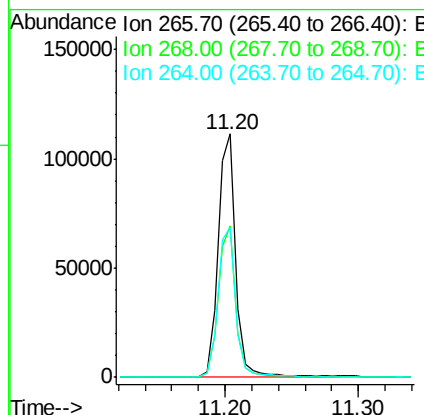
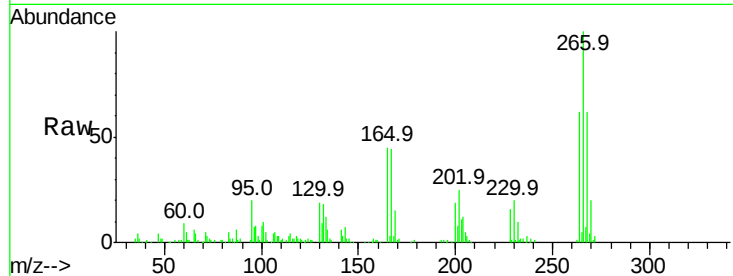
#69
 Pentachlorophenol
 Concen: 65.149 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	104350		
268	62.3	51.1	76.7	
264	61.7	49.5	74.3	

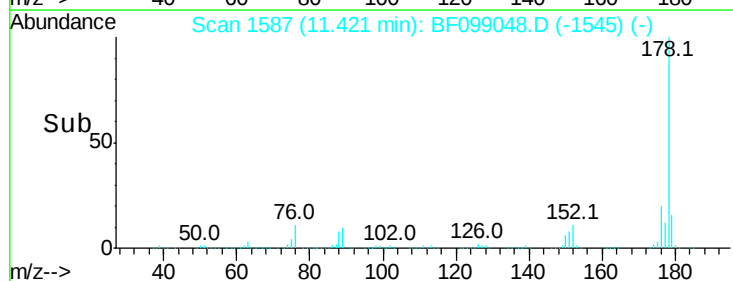
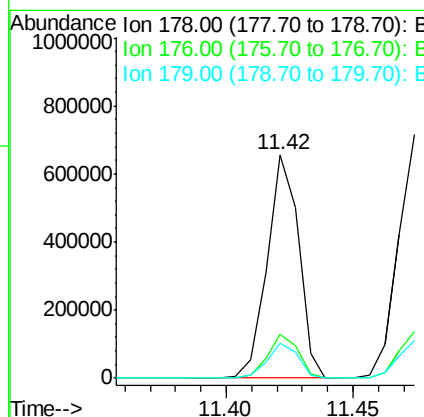
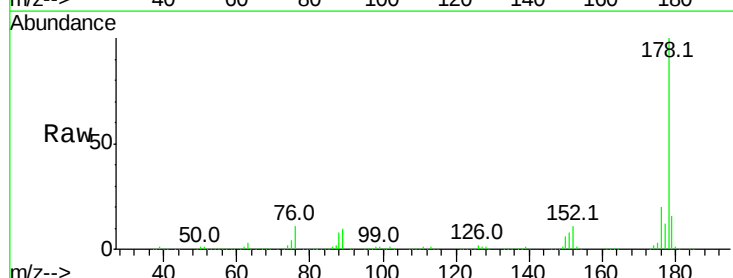
Manual Integrations
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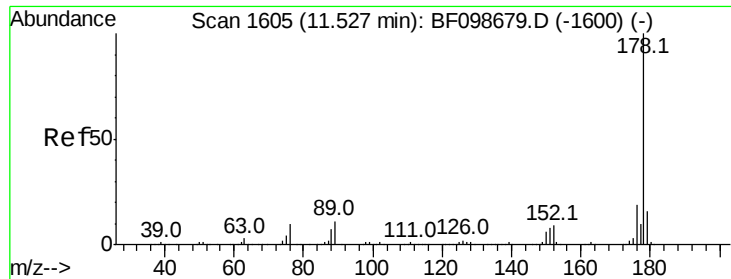
Sohil
 10/4/2017 7:21:26 PM



#70
 Phenanthrene
 Concen: 42.960 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	566090		
176	19.7	15.8	23.8	
179	15.9	13.0	19.6	





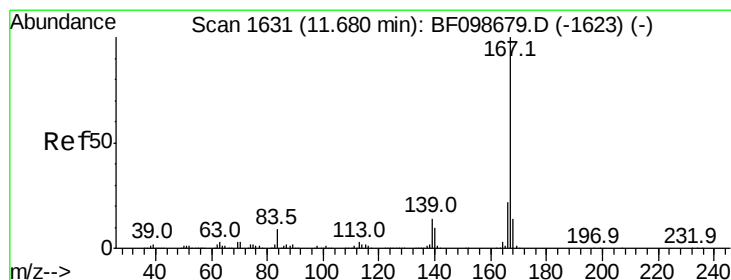
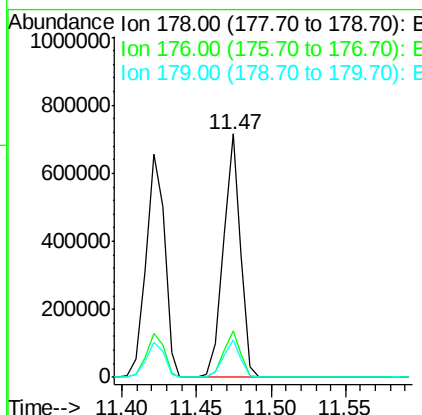
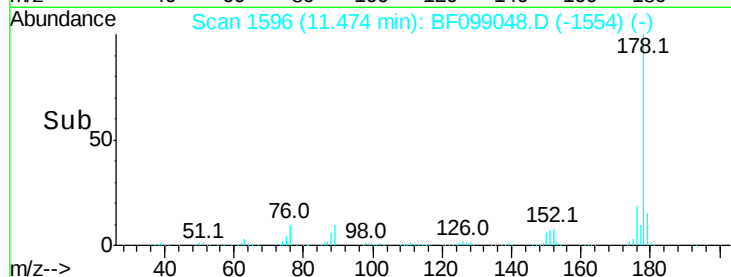
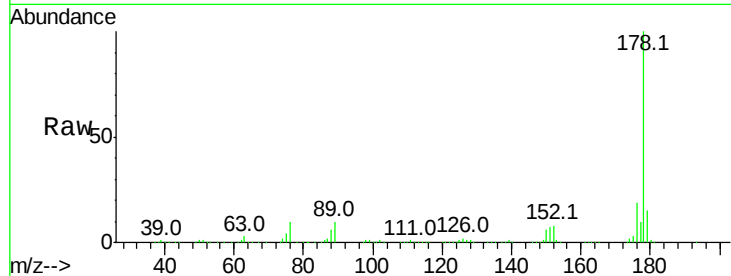
#71
 Anthracene
 Concen: 43.122 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

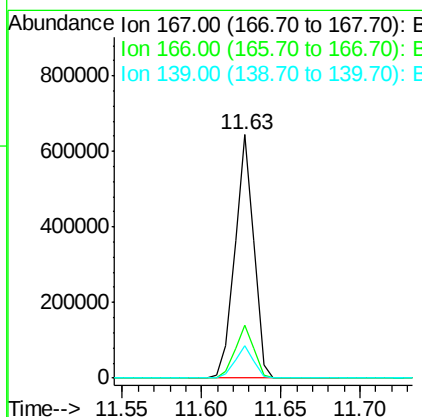
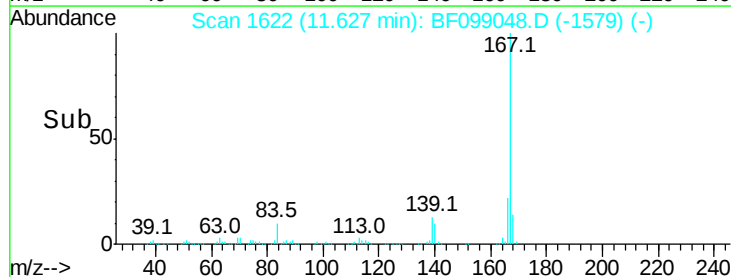
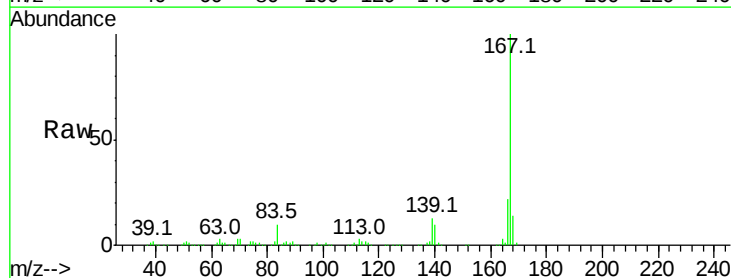
Manual Integrations
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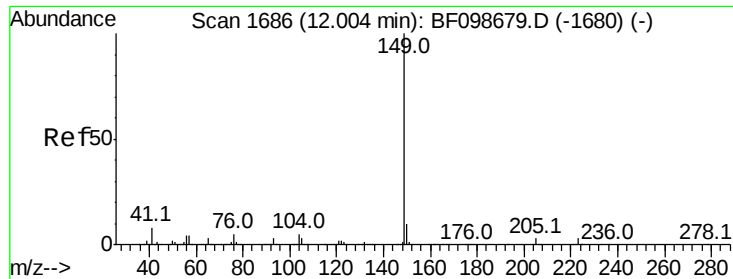
Sohil
 10/4/2017 7:21:26 PM



#72
 Carbazole
 Concen: 40.222 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.5	10.9	16.3





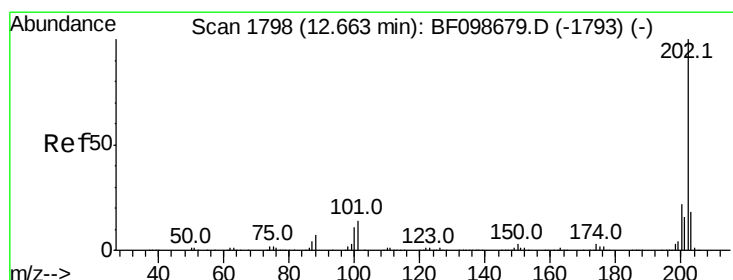
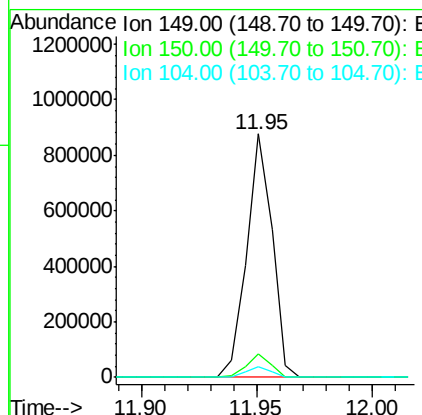
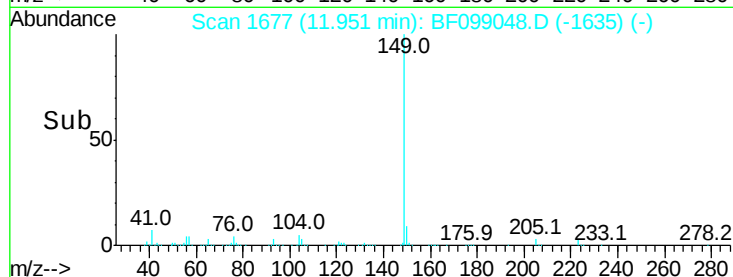
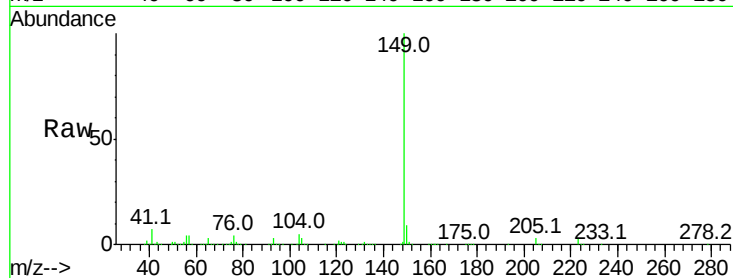
#73
Di-n-butylphthalate
Concen: 42.745 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	679317		
150	9.4		7.8	11.6
104	4.6		3.8	5.8

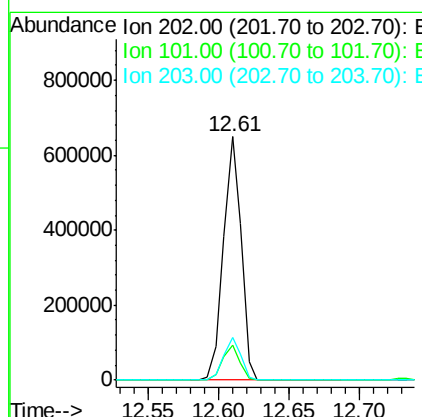
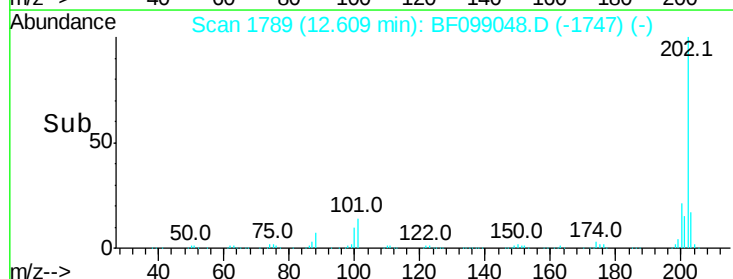
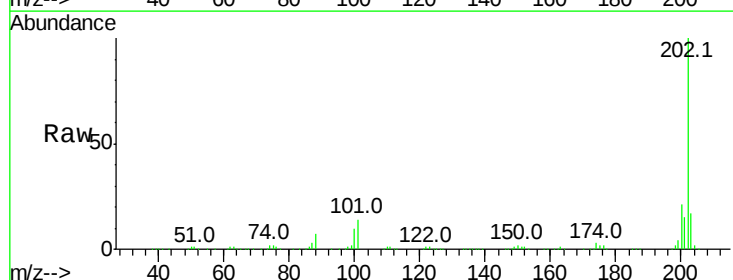
Manual Integrations
APPROVED

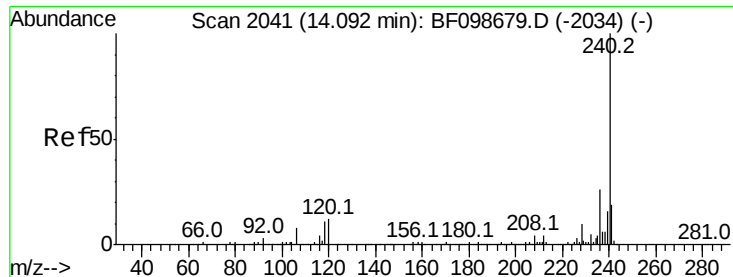
Sohil
10/4/2017 7:21:26 PM



#74
Fluoranthene
Concen: 42.329 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	564810		
101	14.2		0.0	34.1
203	17.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

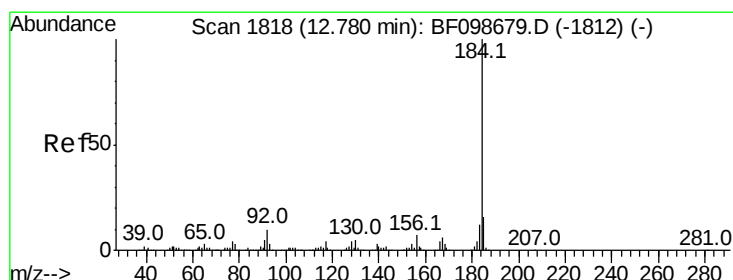
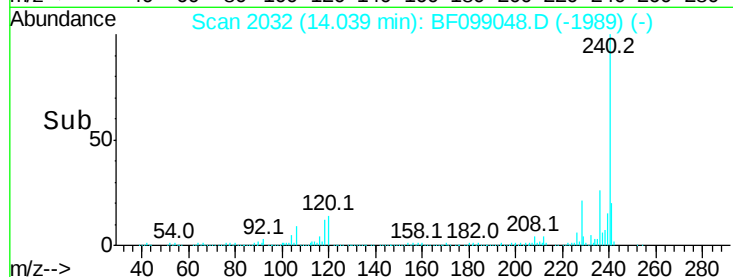
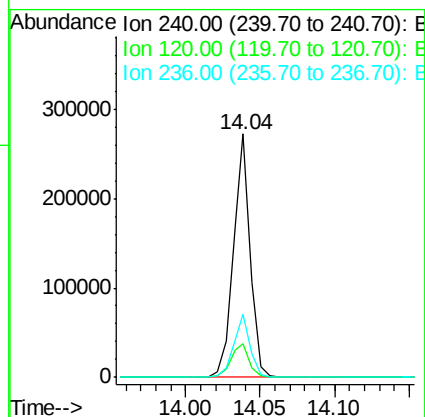
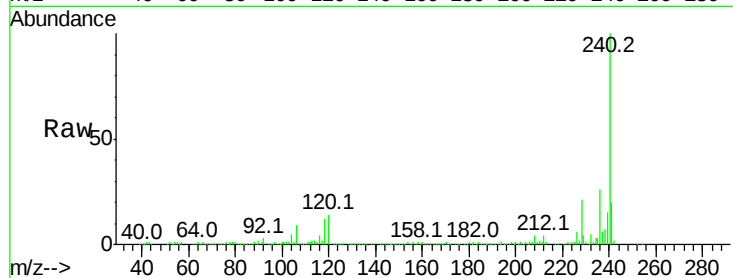
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	240	Resp:	216051
Ion Ratio		Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 50.817 ng

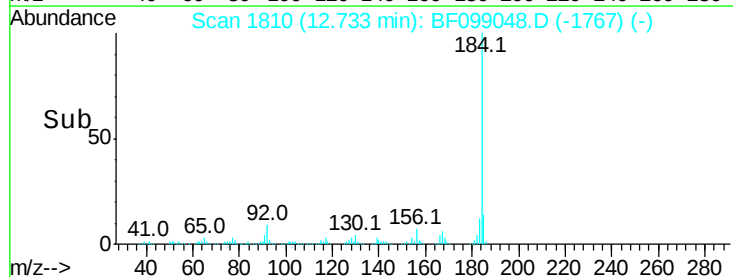
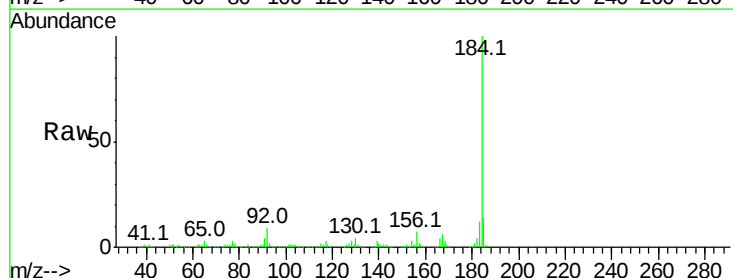
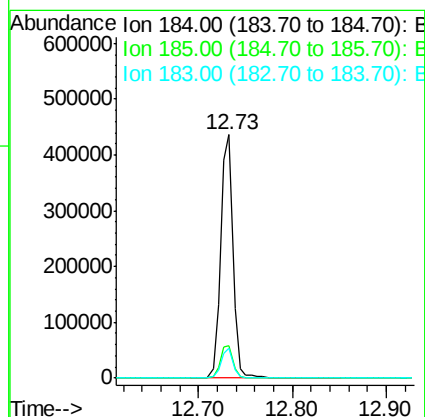
RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF099048.D

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Tgt Ion:	184	Resp:	406080
Ion Ratio		Lower	Upper
184	100		
185	13.5	12.6	18.8
183	12.2	9.3	13.9





#77

Pvrene

Concen: 35.470 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Instrument :

BNA_F

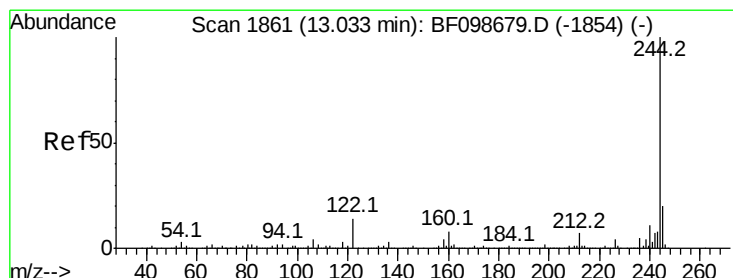
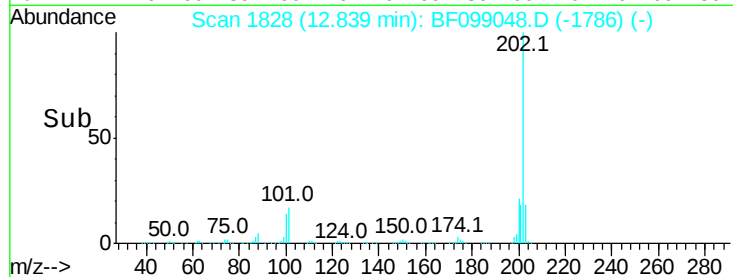
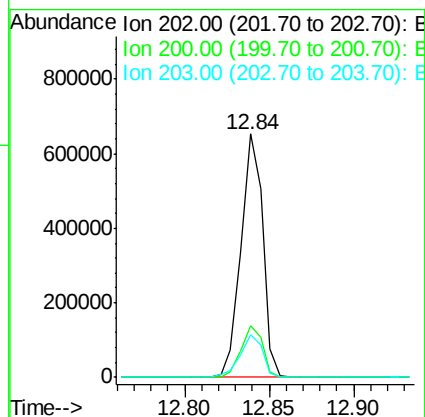
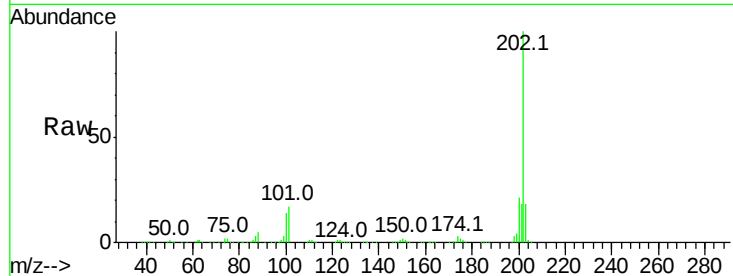
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	202	Resp:	584362
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 69.302 ng

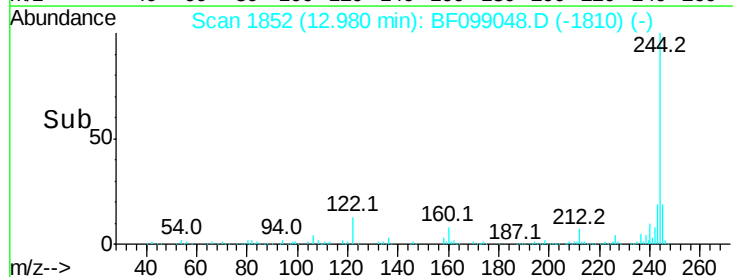
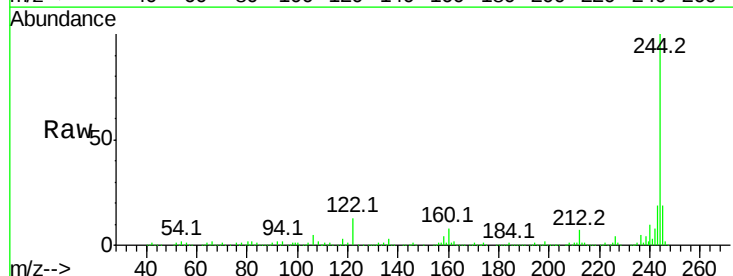
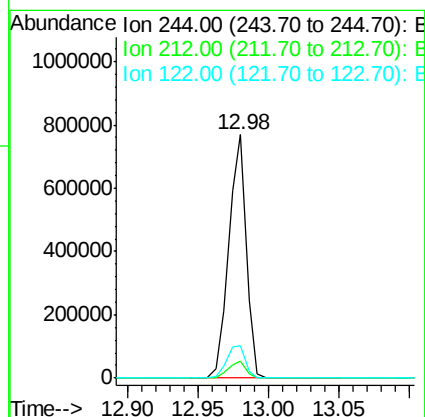
RT: 12.98 min Scan# 1852

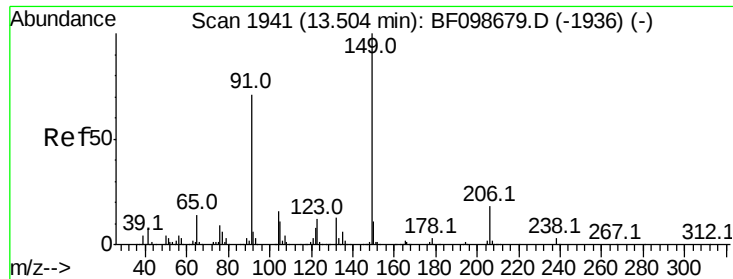
Delta R.T. -0.05 min

Lab File: BF099048.D

Acq: 3 Oct 2017 23:35

Tgt Ion:	244	Resp:	658372
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4





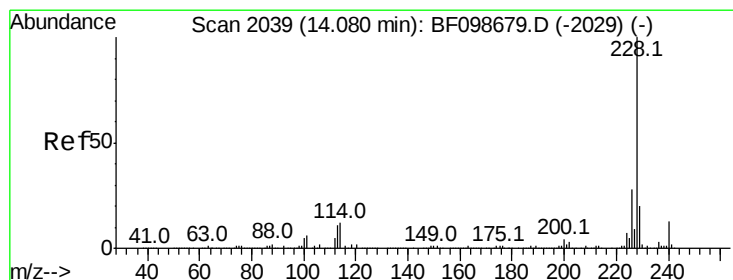
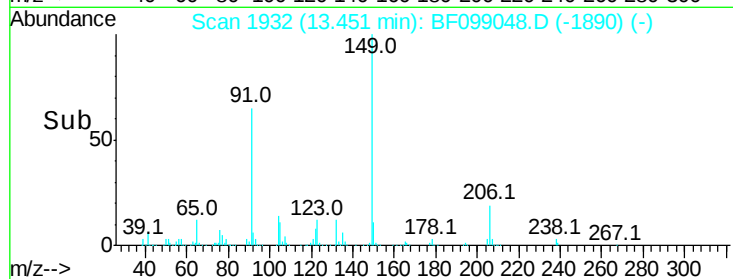
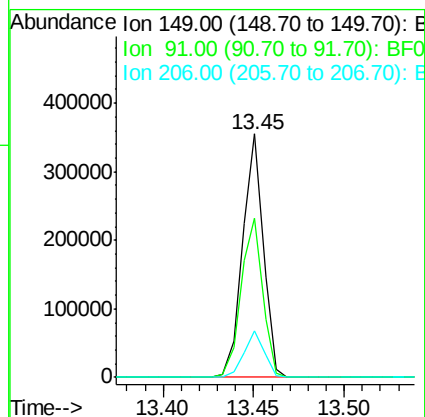
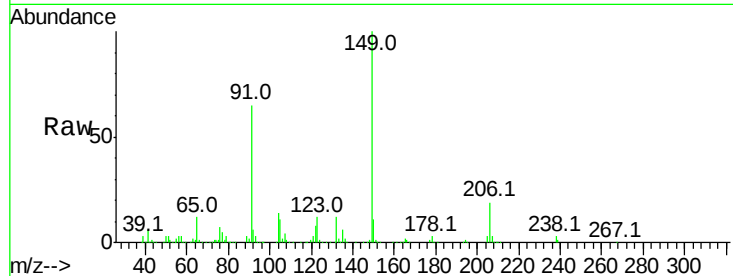
#79
 Butylbenzylphthalate
 Concen: 36.363 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion:	149	Resp:	281548
Ion Ratio	Lower	Upper	
149	100		
91	65.2	56.8	85.2
206	19.0	14.1	21.1

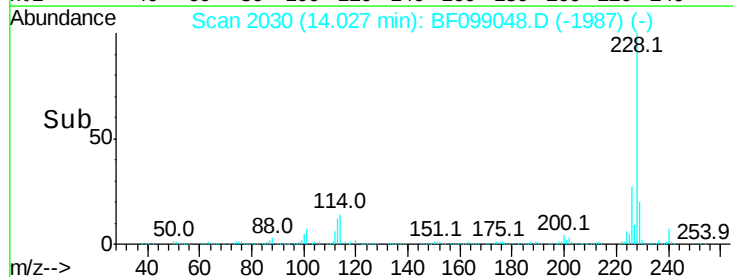
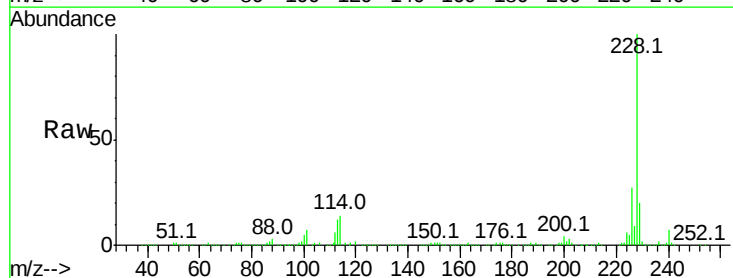
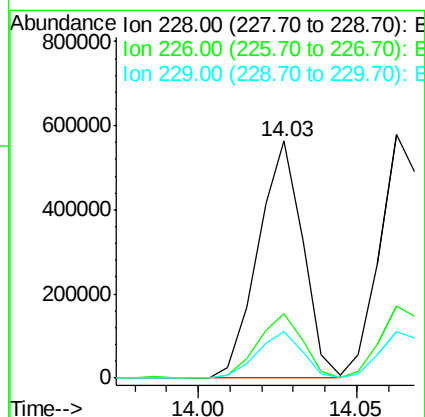
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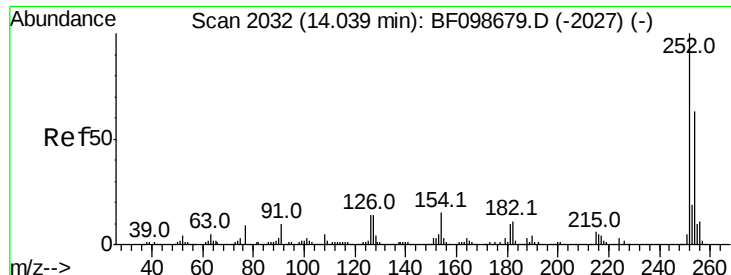
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#80
 Benzo(a)anthracene
 Concen: 42.225 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion:	228	Resp:	552405
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6





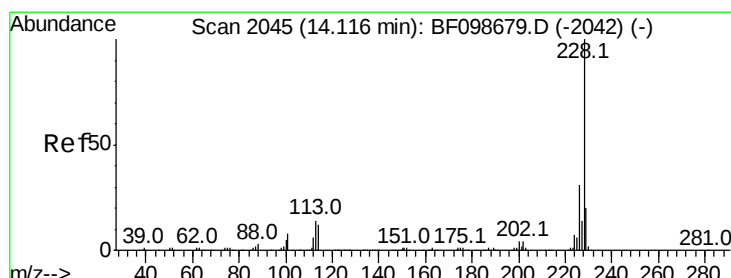
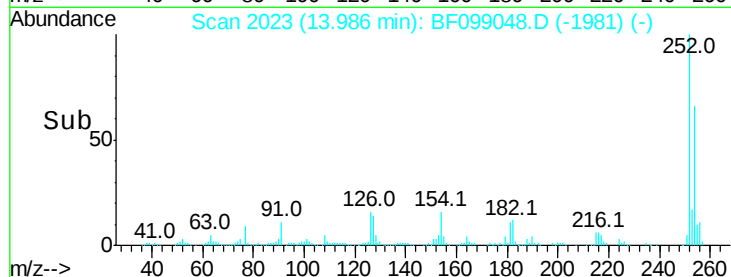
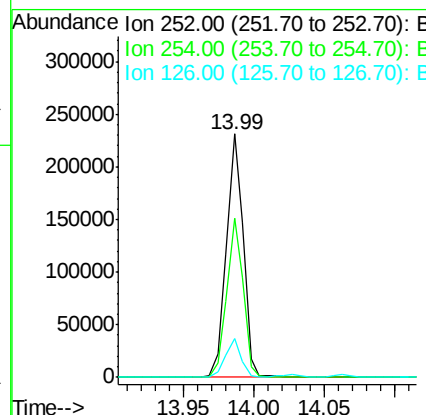
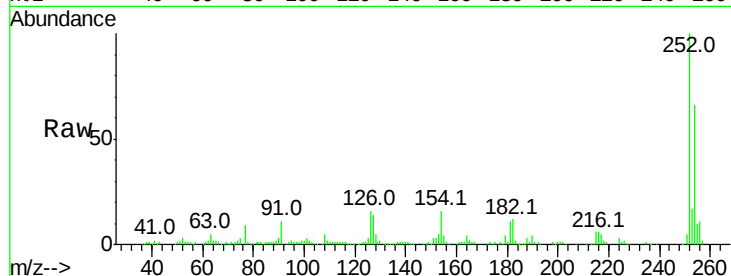
#81
 3,3'-Dichlorobenzidine
 Concen: 40.050 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	15.7	11.3	16.9

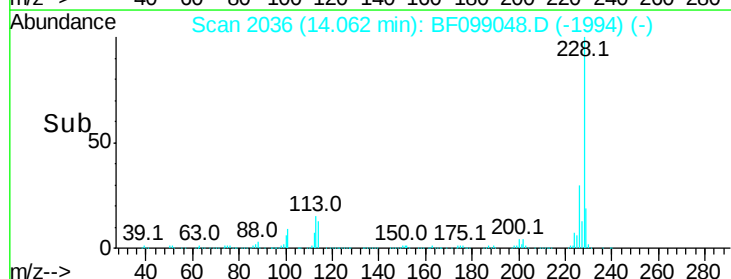
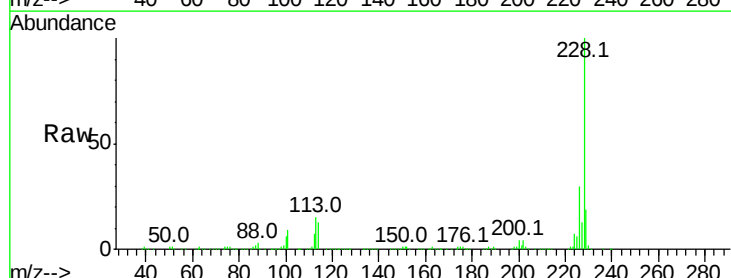
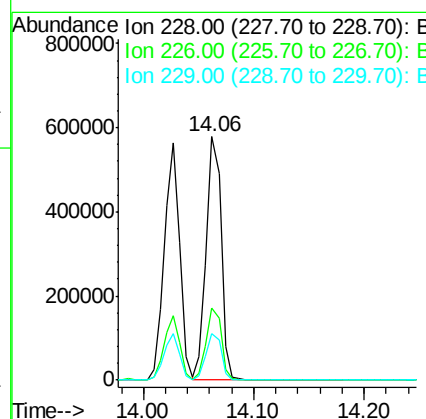
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#82
 Chrysene
 Concen: 42.451 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.3	16.2	24.4





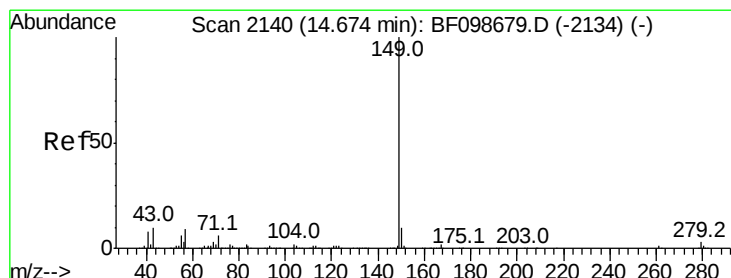
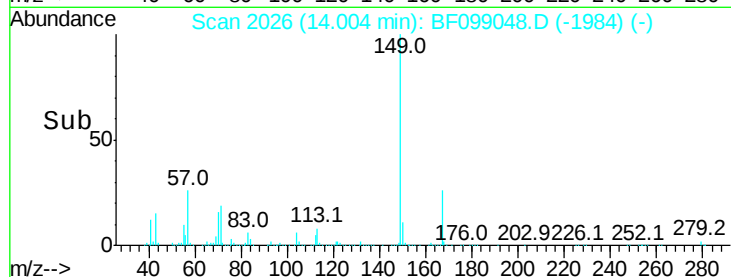
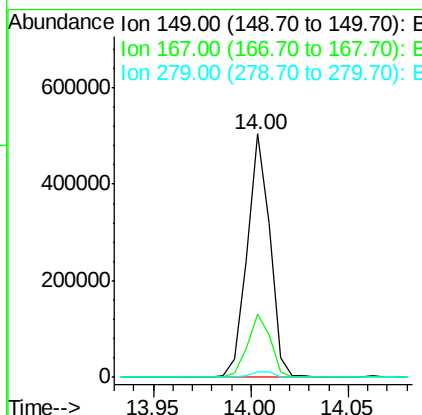
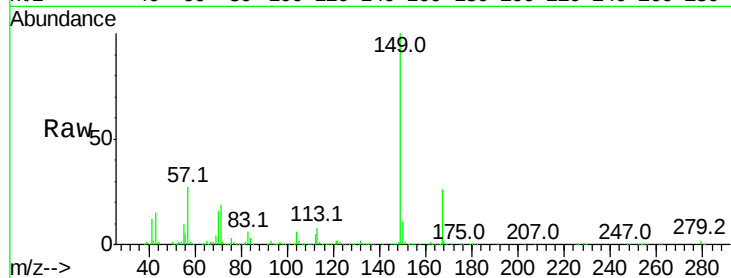
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.048 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.5	3.0	4.4

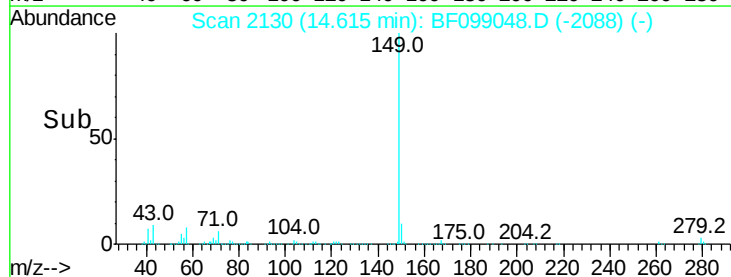
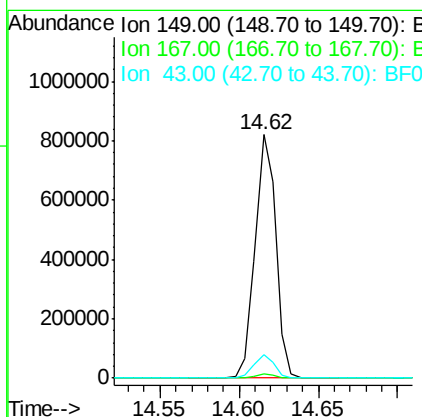
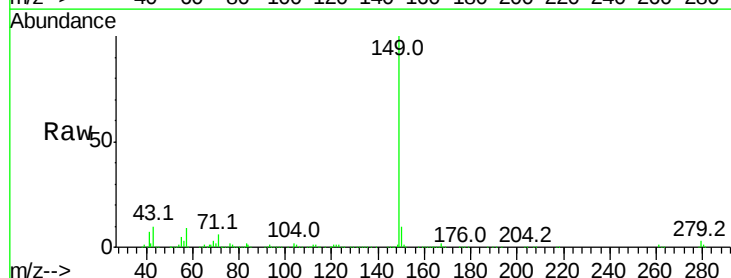
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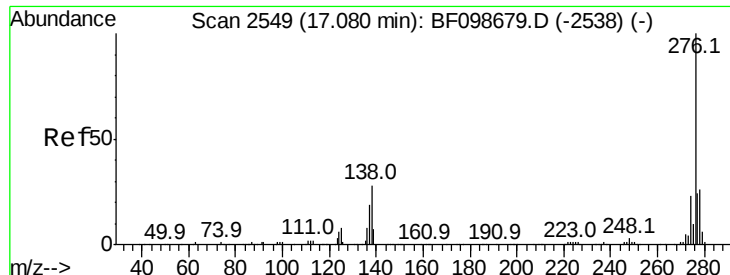
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#84
 Di-n-octyl phthalate
 Concen: 43.446 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.05 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	8.4	12.6





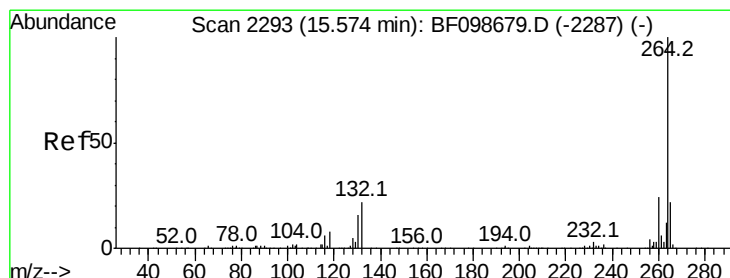
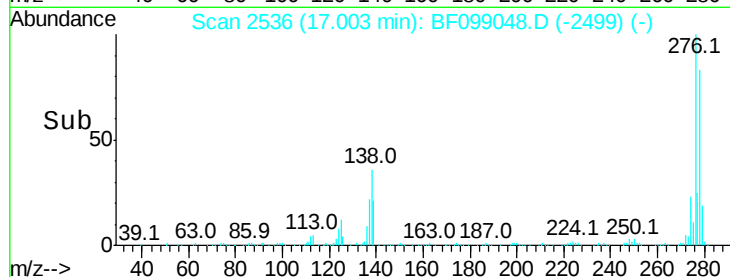
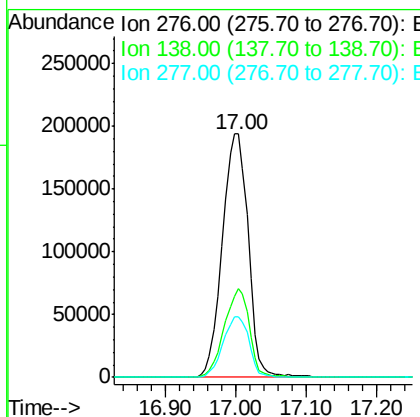
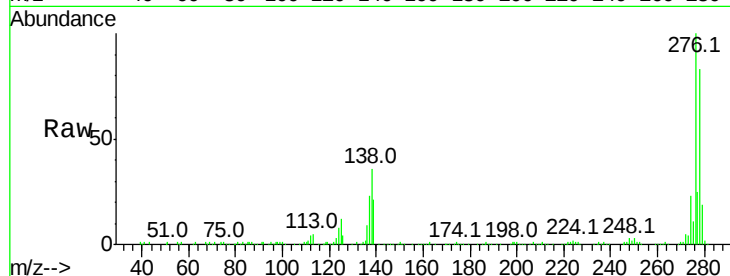
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.566 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.08 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	25.0	37.6
277	25.3	20.1	30.1

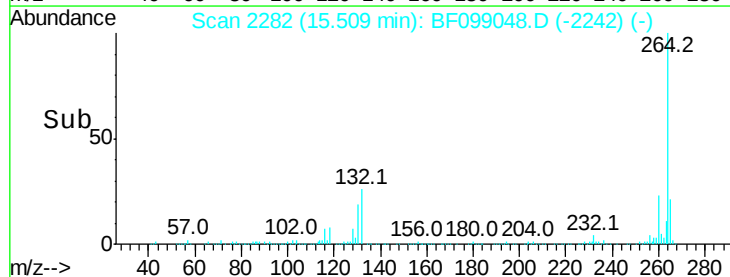
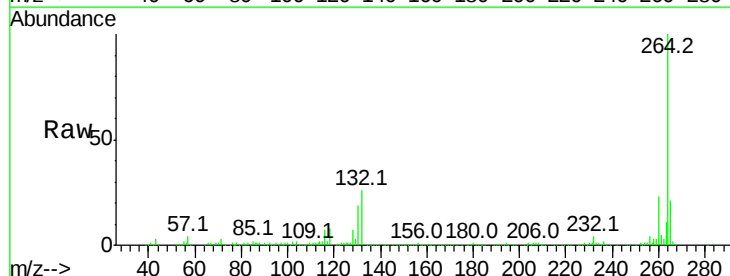
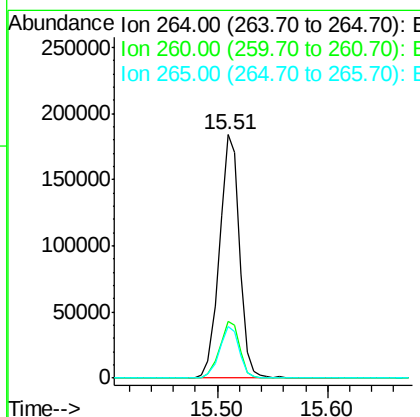
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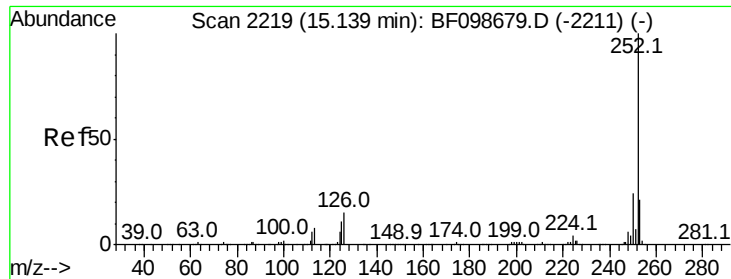
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3





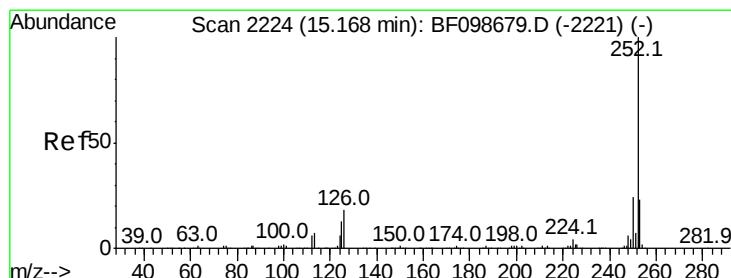
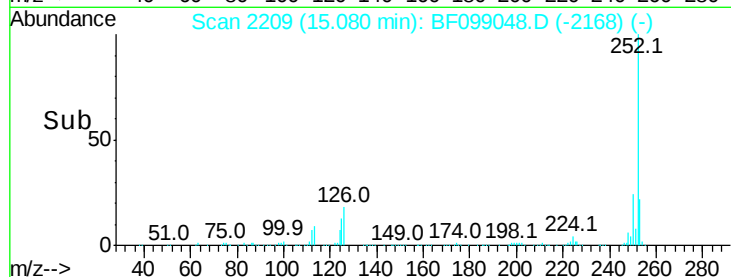
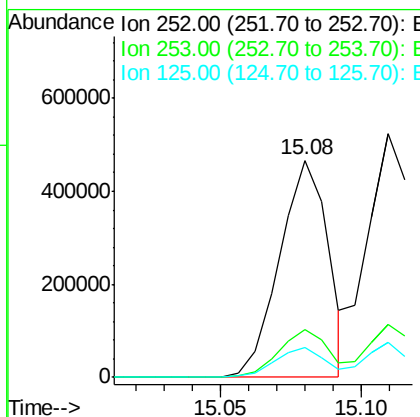
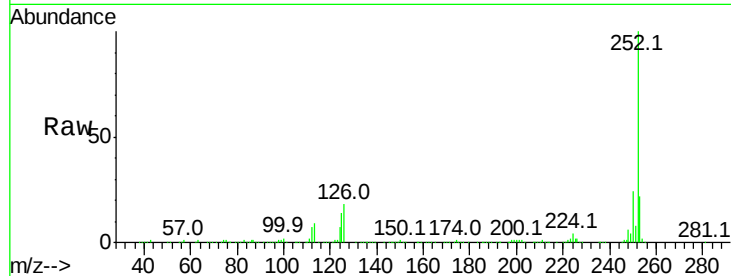
#87
Benzo(b)fluoranthene
Concen: 39.152 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.6	9.0	13.6

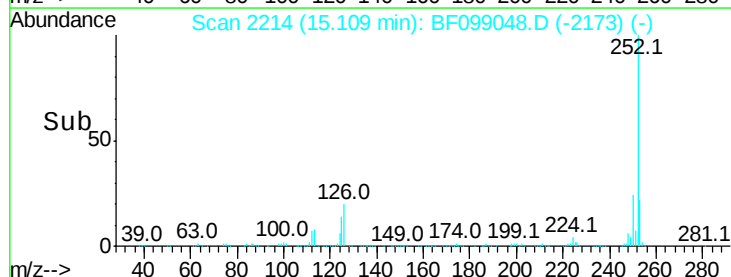
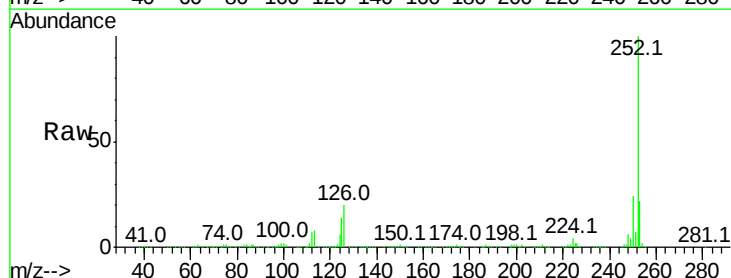
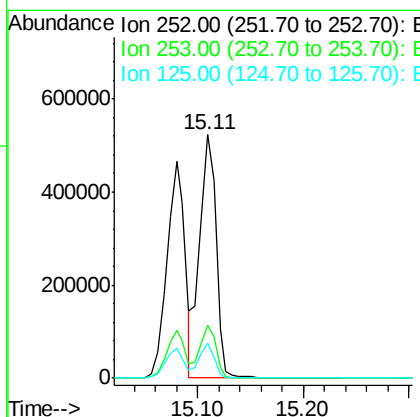
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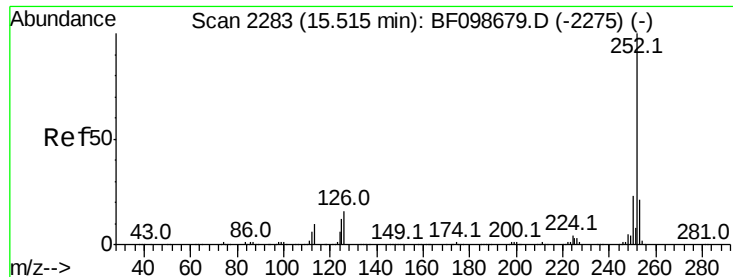
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#88
Benzo(k)fluoranthene
Concen: 39.949 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.4	10.2	15.2





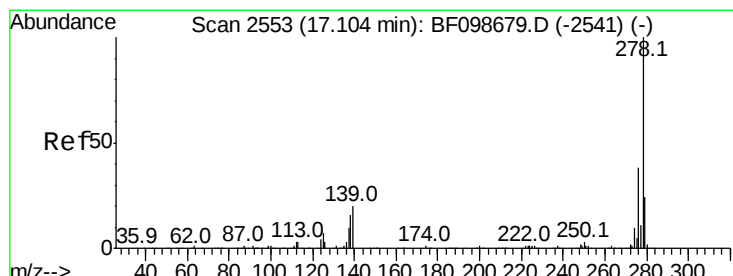
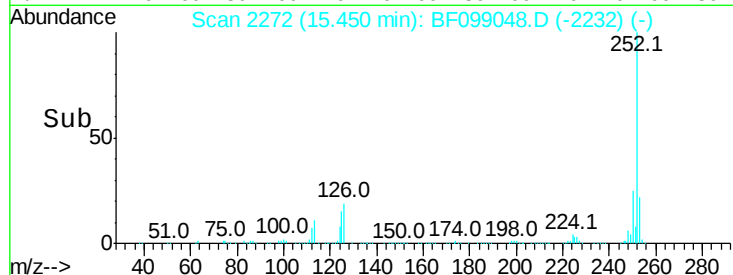
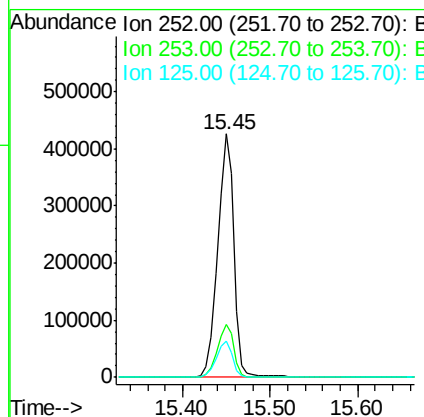
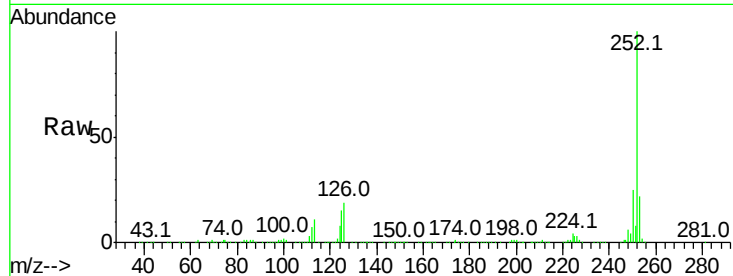
#89
Benzo(a)pyrene
Concen: 41.766 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.9	9.8	14.6

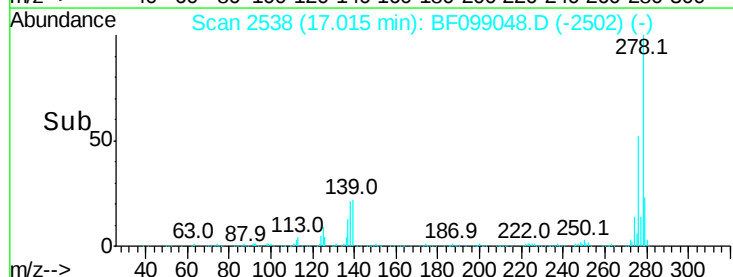
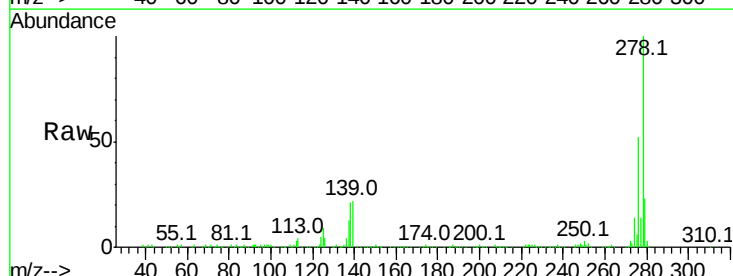
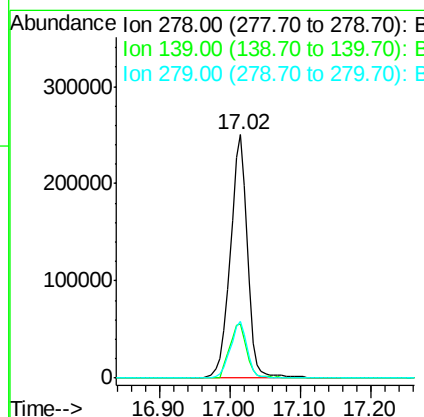
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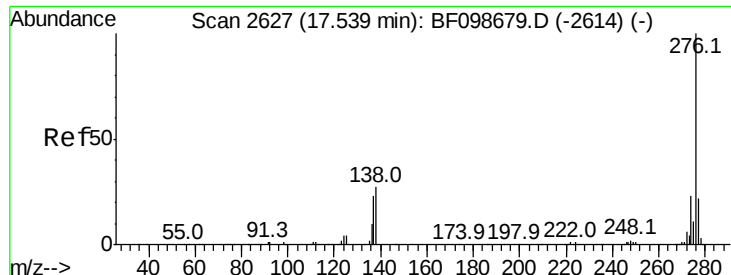
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#90
Dibenzo(a,h)anthracene
Concen: 40.361 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.09 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.200 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.09 min
 Lab File: BF099048.D
 Acq: 3 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion:	276	Resp:	385576
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	30.5	21.8	32.8

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