

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099265.D
 Acq On : 9 Oct 2017 16:33
 Operator : SJ/JU
 Sample : I5702-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:10:35 PM

Quant Time: Oct 09 17:33:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111635	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476219	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224648	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	417675	20.00	ng	0.00
75) Chrysene-d12	14.03	240	322061	20.00	ng	0.00
86) Perylene-d12	15.50	264	252480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	870987	124.20	ng	0.02
7) Phenol-d6	6.50	99	1084448	125.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	647902	87.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	245631	133.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1183504	87.95	ng	0.00
78) Terphenyl-d14	12.97	244	1090852	77.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	107542	32.103	ng	96
3) Pyridine	3.53	79	54616	6.027	ng	96
4) n-Nitrosodimethylamine	3.42	42	128469	33.431	ng	81
6) Aniline	6.53	93	396722	33.978	ng	96
8) 2-Chlorophenol	6.65	128	318399	40.093	ng	97
9) Benzaldehyde	6.42	77	128356	25.578	ng	94
10) Phenol	6.52	94	402504	41.602	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	295780	39.325	ng	95
12) 1,3-Dichlorobenzene	6.80	146	334463	40.214	ng	97
13) 1,4-Dichlorobenzene	6.88	146	339284	40.095	ng	99
14) 1,2-Dichlorobenzene	7.03	146	319551	40.869	ng	98
15) Benzyl Alcohol	7.01	79	255365	40.238	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420071	35.847	ng	95
17) 2-Methylphenol	7.12	107	269517	41.477	ng	98
18) Hexachloroethane	7.37	117	116201	38.204	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	200677	36.333	ng	94
20) 3+4-Methylphenols	7.27	107	321829	39.150	ng	# 70
22) Acetophenone	7.27	105	422405	36.610	ng	# 96
24) Nitrobenzene	7.45	77	322947	38.338	ng	94
25) Isophorone	7.69	82	598902	39.009	ng	100
26) 2-Nitrophenol	7.76	139	183848	45.386	ng	91
27) 2,4-Dimethylphenol	7.80	122	290370	37.958	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	381513	39.875	ng	100
29) 2,4-Dichlorophenol	8.00	162	278211	42.359	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	269181	40.977	ng	99
31) Naphthalene	8.17	128	915350	40.926	ng	100
32) Benzoic acid	7.92	122	133462	21.239	ng	96
33) 4-Chloroaniline	8.22	127	352637	37.755	ng	98
34) Hexachlorobutadiene	8.28	225	128395	37.947	ng	99
35) Caprolactam	8.60	113	97282m	46.175	ng	
36) 4-Chloro-3-methylphenol	8.70	107	297122	40.248	ng	94
37) 2-Methylnaphthalene	8.86	142	639070	43.953	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249574	37.252	ng	99
40) Hexachlorocyclopentadiene	9.01	237	176869	57.768	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	184116	38.792	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	199470	42.101	nq	98
45) 1,1'-Biphenyl	9.32	154	746659	38.673	nq	99
46) 2-Chloronaphthalene	9.35	162	591155	40.780	nq	97
47) 2-Nitroaniline	9.45	65	183737	41.394	nq	91
48) Acenaphthylene	9.77	152	907024	40.873	nq	99
49) Dimethylphthalate	9.63	163	901889	53.192	nq	100
50) 2,6-Dinitrotoluene	9.69	165	162264	43.959	nq #	86
51) Acenaphthene	9.94	154	535084	38.065	nq	98
52) 3-Nitroaniline	9.86	138	169992	39.496	nq	92
53) 2,4-Dinitrophenol	9.97	184	129594	68.350	nq #	88
54) Dibenzofuran	10.11	168	812230	43.397	nq	100
55) 4-Nitrophenol	10.03	139	256740	70.546	nq	86
56) 2,4-Dinitrotoluene	10.10	165	216925	45.282	nq	91
57) Fluorene	10.45	166	638655	42.454	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	145799	44.547	nq	97
59) Diethylphthalate	10.32	149	673812	40.670	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	279395	41.346	nq	98
61) 4-Nitroaniline	10.48	138	201995	48.646	nq	90
62) Azobenzene	10.60	77	624628	41.004	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	99222	39.045	nq #	77
65) n-Nitrosodiphenylamine	10.56	169	579364	40.040	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	165887	40.576	nq	89
67) Hexachlorobenzene	11.00	284	172071	39.407	nq	99
68) Atrazine	11.09	200	186250	42.782	nq	98
69) Pentachlorophenol	11.20	266	166303	61.196	nq	99
70) Phenanthrene	11.42	178	940501	42.067	nq	99
71) Anthracene	11.47	178	969771	42.394	nq	99
72) Carbazole	11.63	167	939449	41.937	nq	99
73) Di-n-butylphthalate	11.95	149	1056208	39.172	nq	99
74) Fluoranthene	12.60	202	997181	44.047	nq	99
76) Benzidine	12.72	184	39348	3.303	nq	99
77) Pyrene	12.83	202	1017700	41.440	nq	99
79) Butylbenzylphthalate	13.44	149	458670	39.740	nq	97
80) Benzo(a)anthracene	14.02	228	816684	41.878	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	255399	35.725	nq	100
82) Chrysene	14.06	228	758959	40.878	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	607546	38.229	nq	99
84) Di-n-octyl phthalate	14.61	149	978360	38.232	nq	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	567742	38.227	nq	96
87) Benzo(b)fluoranthene	15.07	252	640975	41.291	nq #	97
88) Benzo(k)fluoranthene	15.10	252	660226	43.060	nq	98
89) Benzo(a)pyrene	15.44	252	608966	42.736	nq #	97
90) Dibenzo(a,h)anthracene	17.01	278	466322	40.892	nq	96
91) Benzo(g,h,i)perylene	17.45	276	481342	42.701	nq	94

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

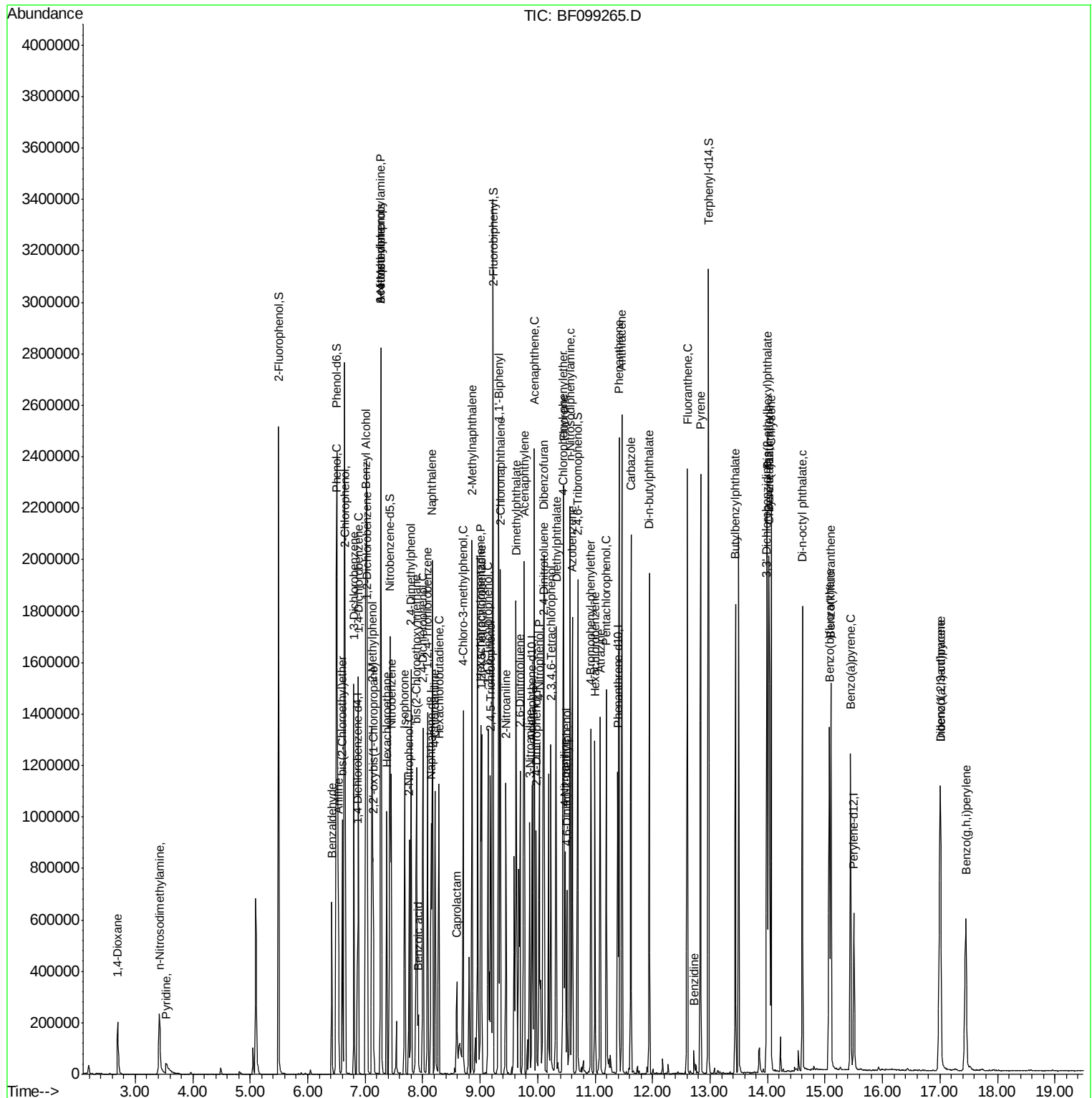
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Operator  : SJ/JU  
Sample    : I5702-01MSD  
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ALS Vial  : 8 Sample Multiplier: 1
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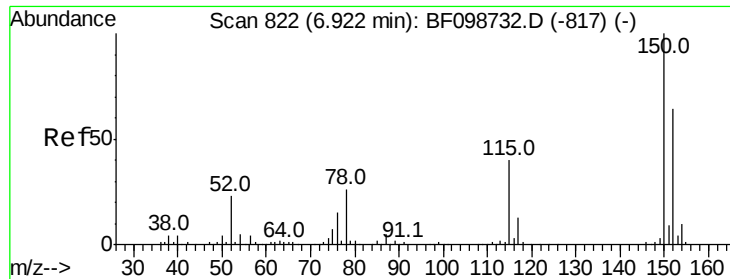
Instrument :
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PHOENIX-RAWMSD

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#1

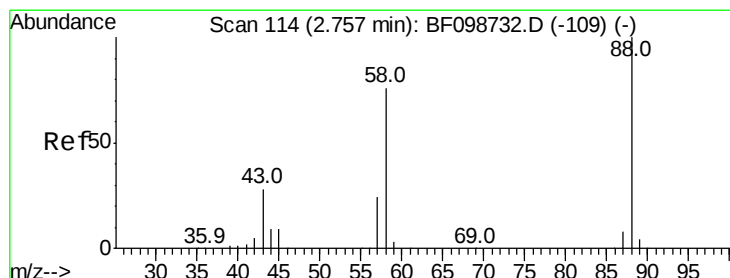
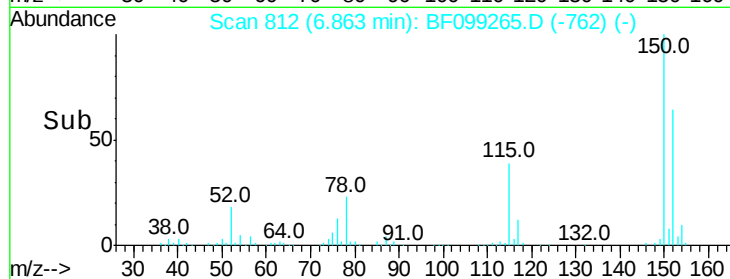
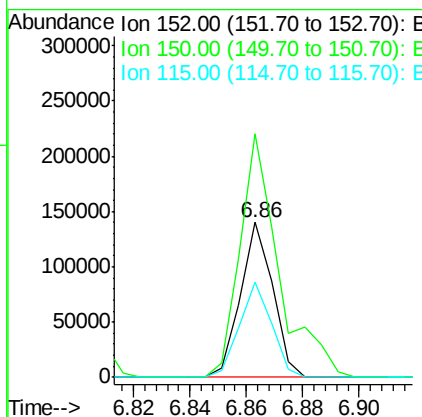
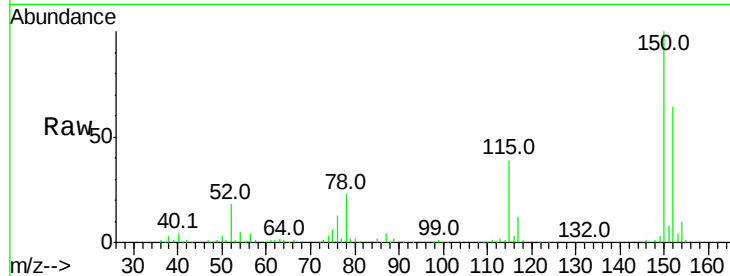
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.3	50.1	75.1

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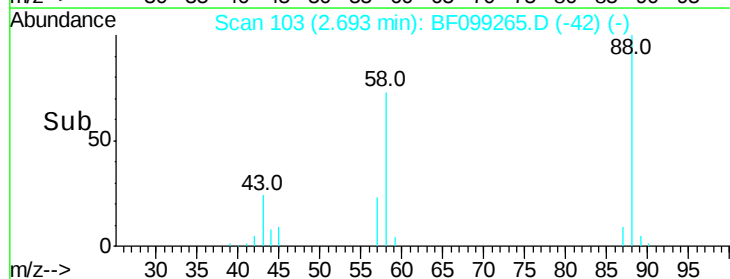
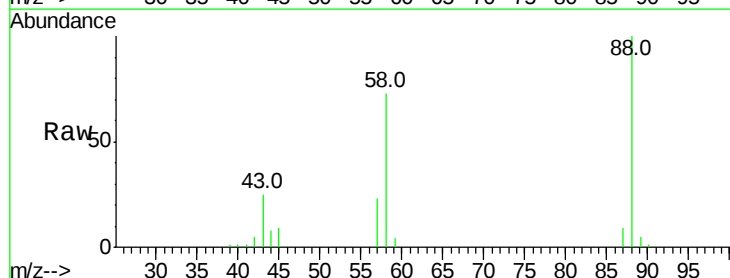
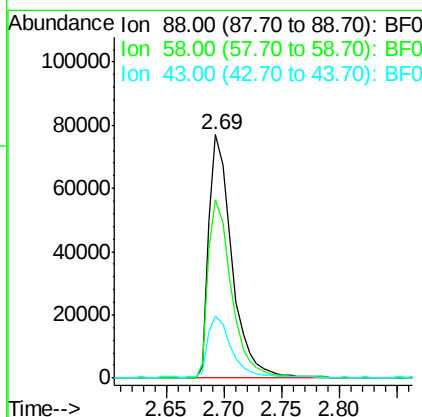
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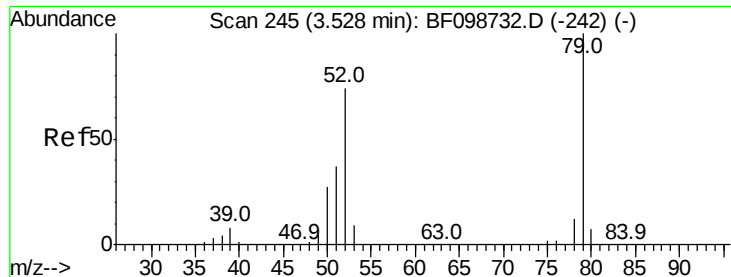


#2

1,4-Dioxane
Concen: 32.103 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	62.6	93.8
43	27.5	24.6	37.0





#3

Pvridine

Concen: 6.027 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.13 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

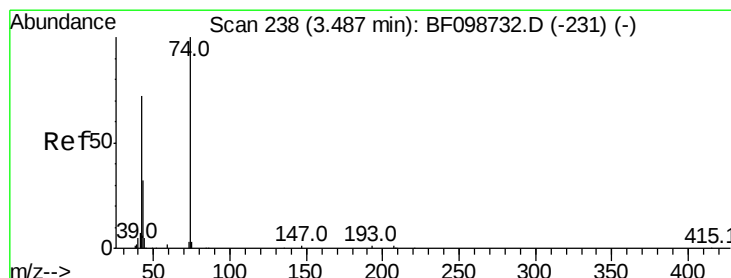
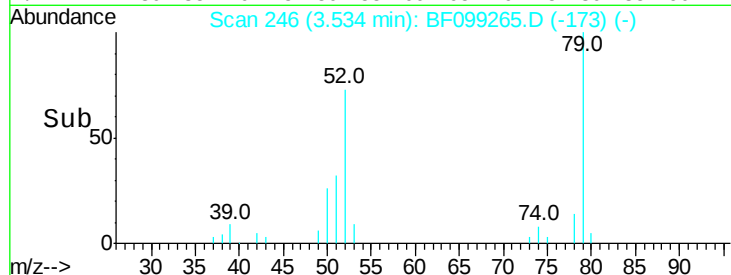
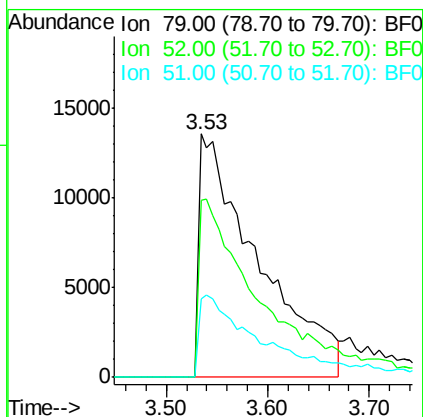
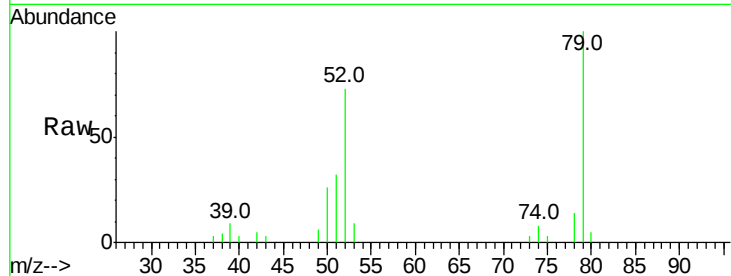
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	79	Resp:	54616
Ion Ratio	Lower	Upper	
79	100		
52	72.7	59.8	89.6
51	32.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.431 ng

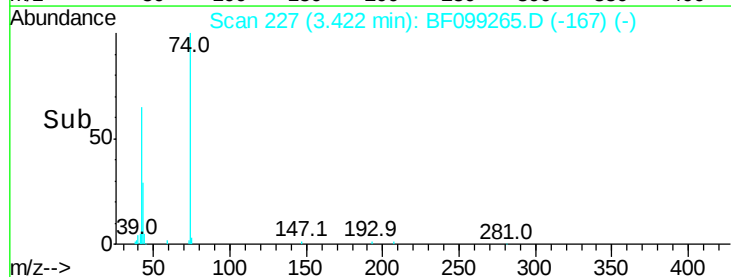
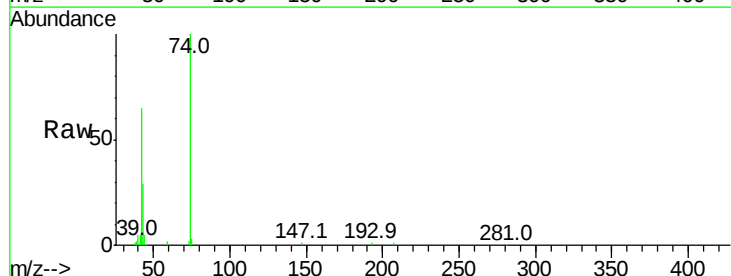
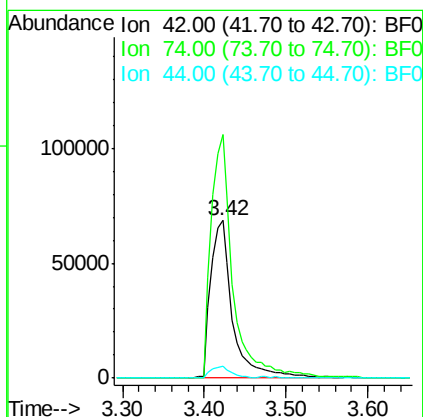
RT: 3.42 min Scan# 227

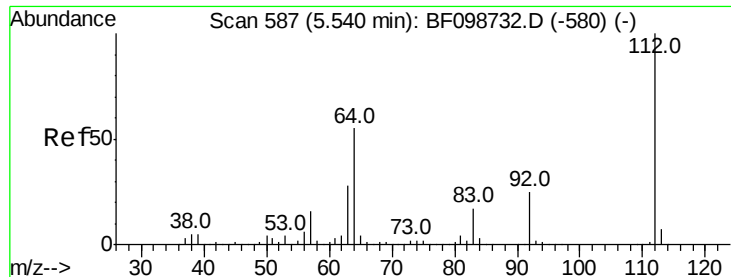
Delta R.T. 0.05 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	42	Resp:	128469
Ion Ratio	Lower	Upper	
42	100		
74	154.8	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 124.202 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

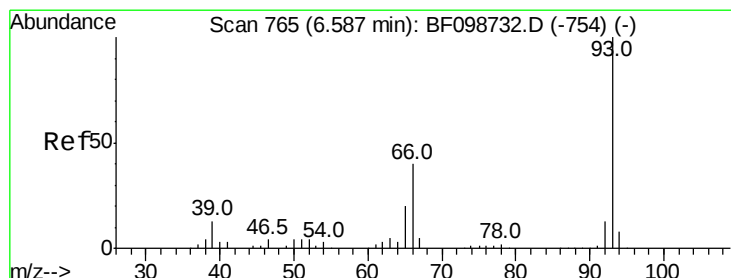
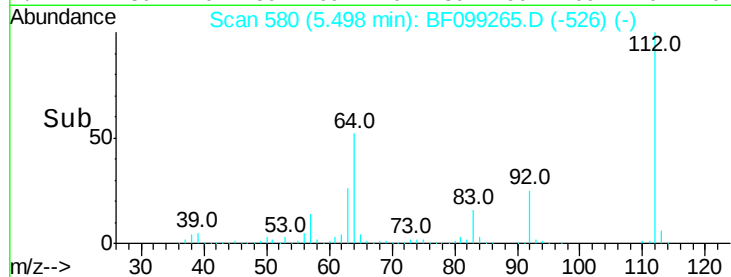
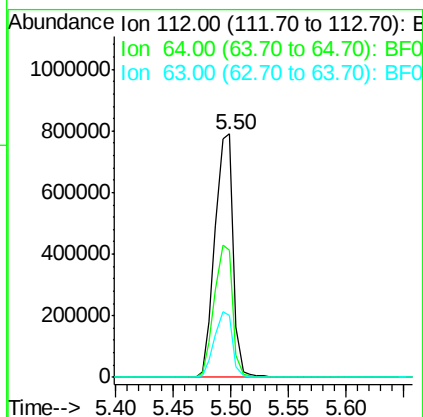
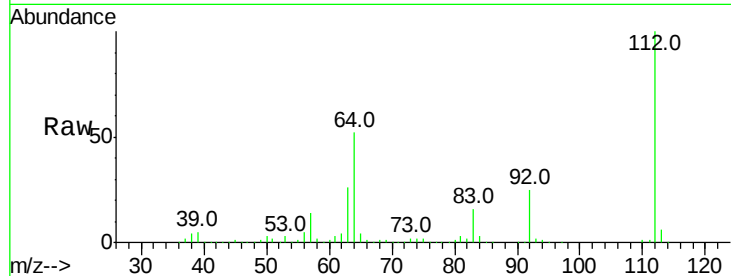
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	112	Resp:	870987
Ion Ratio	Lower	Upper	
112	100		
64	52.0	47.9	71.9
63	25.5	23.7	35.5

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#6

Aniline

Concen: 33.978 ng

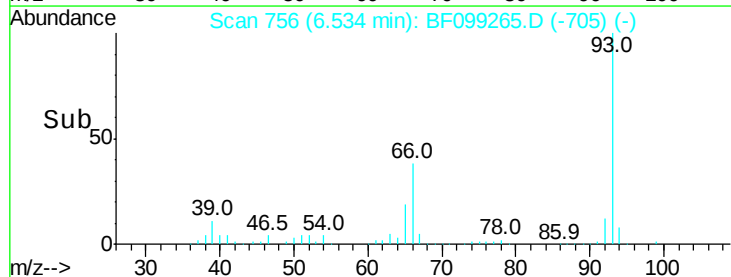
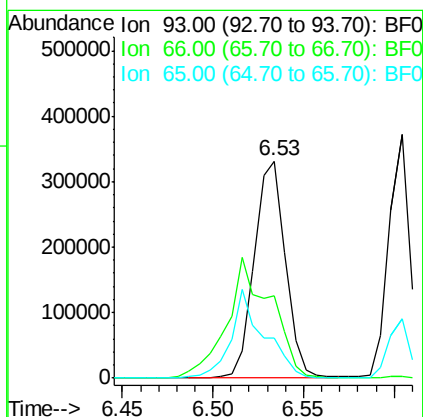
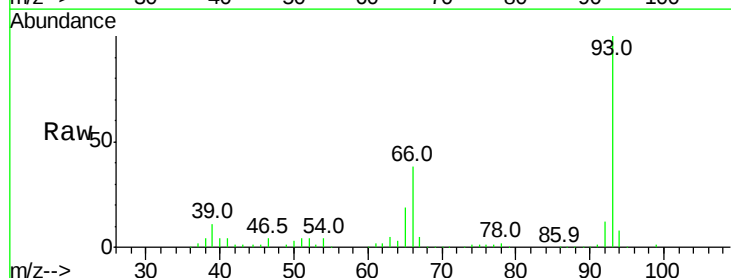
RT: 6.53 min Scan# 756

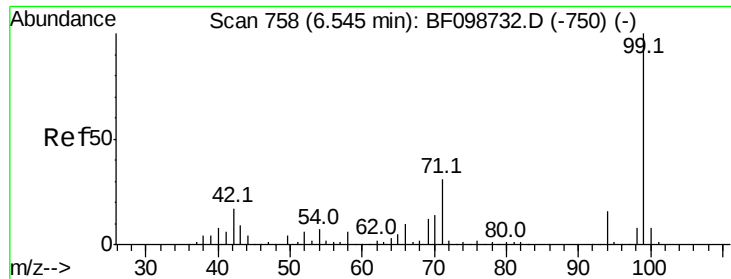
Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	93	Resp:	396722
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.2	48.2
65	18.7	16.4	24.6





#7

Phenol-d6

Concen: 125.356 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PHOENIX-RAWMSD

Tot Ion: 99 Resp: 1084448

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

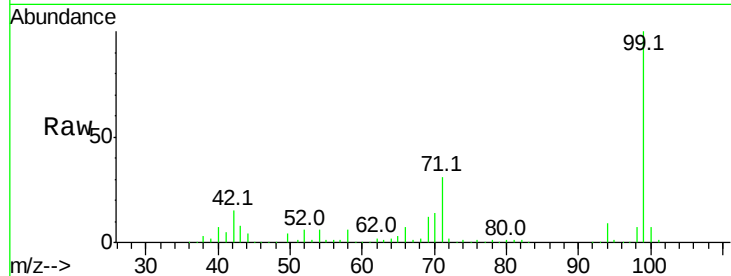
71 31.1 25.4 38.0

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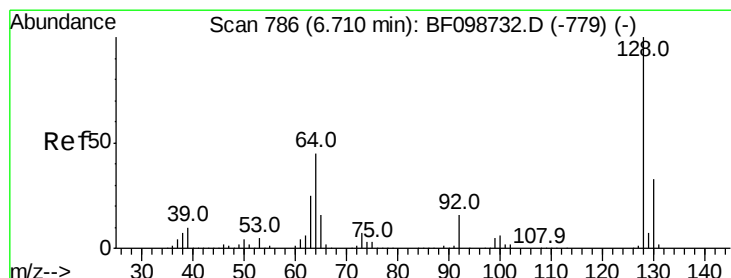
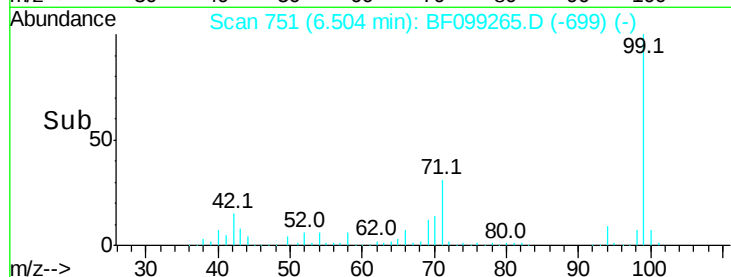
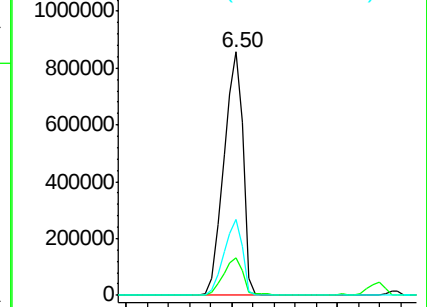
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.093 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

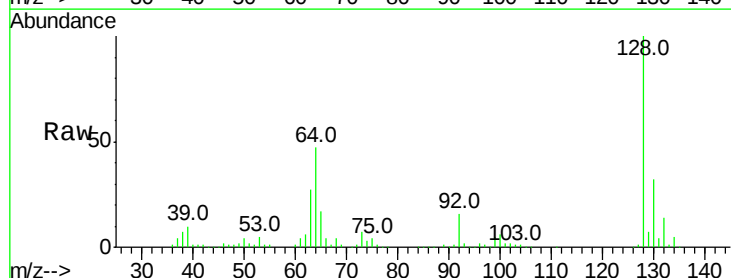
Tgt Ion:128 Resp: 318399

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

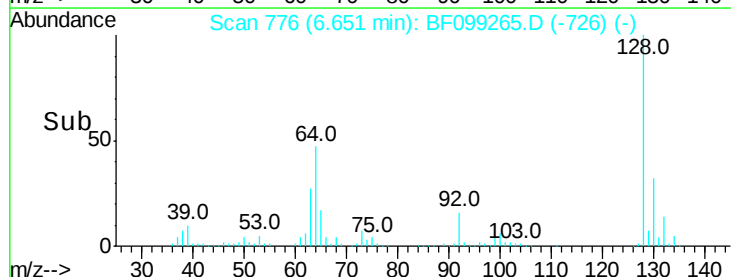
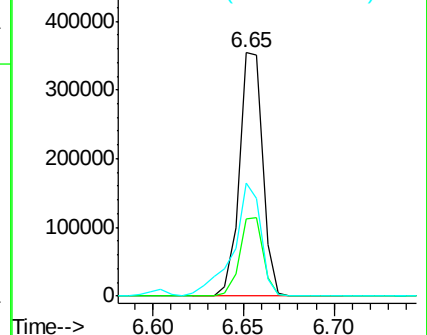
64 46.7 29.4 69.4

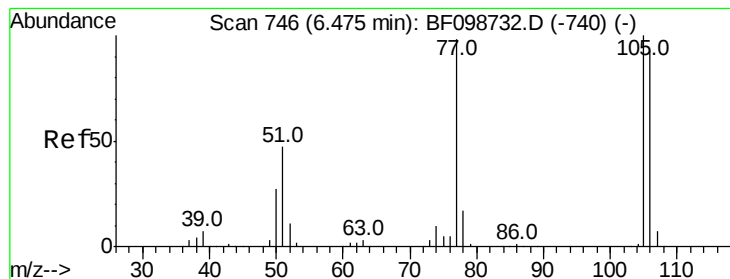


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.578 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

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Instrument :

BNA_F

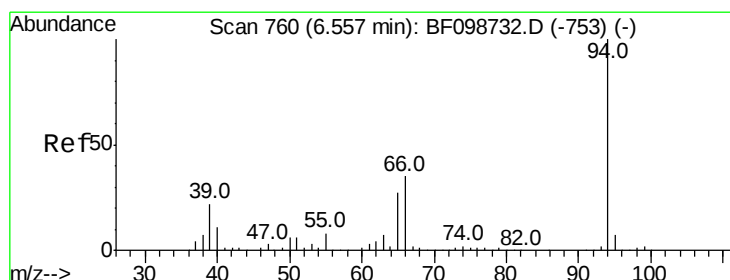
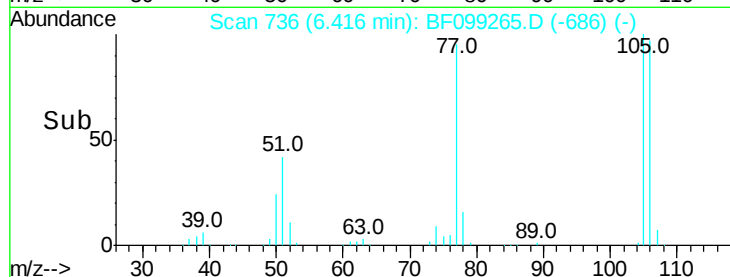
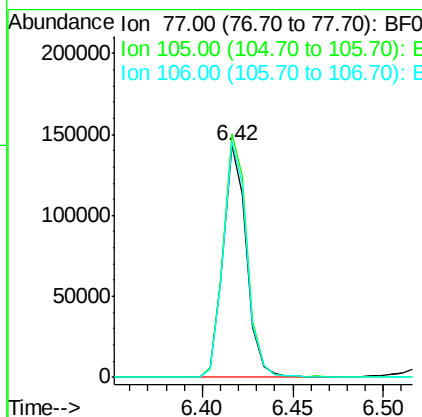
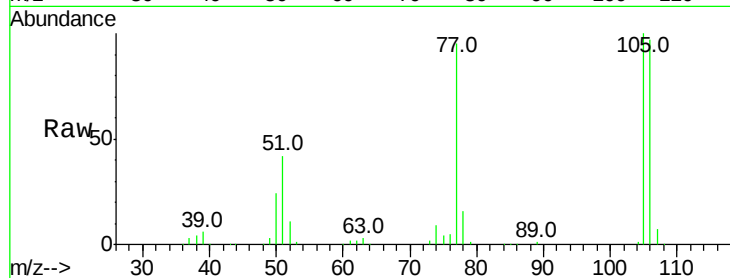
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	77	Resp:	128356
Ion Ratio	Lower	Upper	
77	100		
105	105.0	81.1	121.1
106	101.9	74.5	114.5

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#10

Phenol

Concen: 41.602 ng

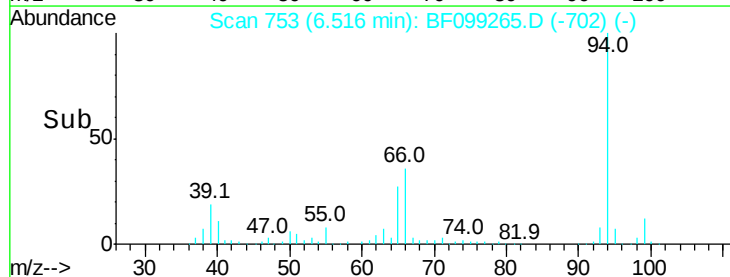
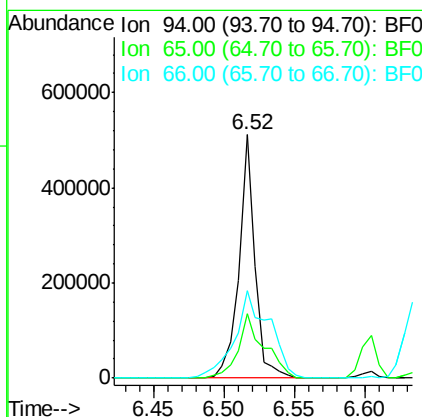
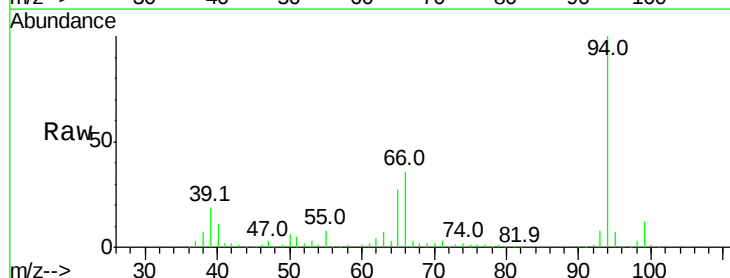
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	94	Resp:	402504
Ion Ratio	Lower	Upper	
94	100		
65	26.5	7.9	47.9
66	36.1	16.2	56.2





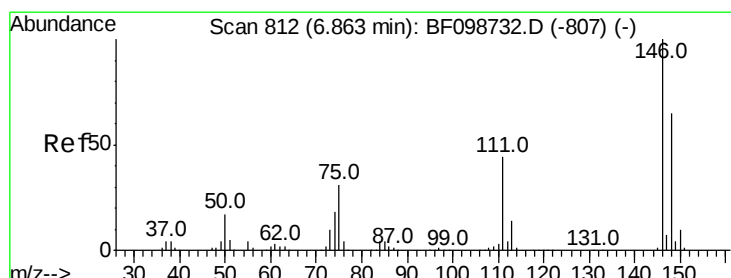
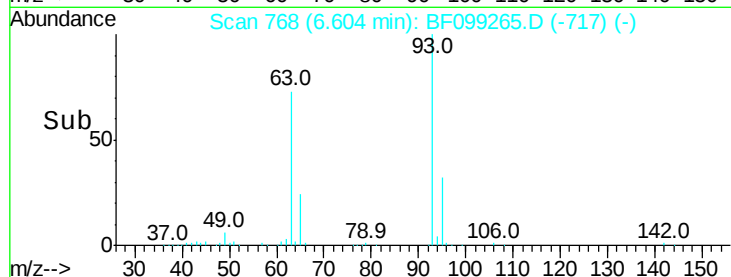
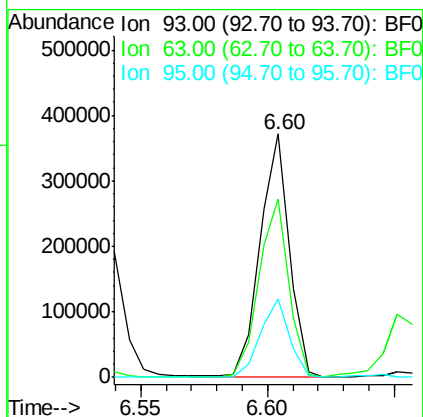
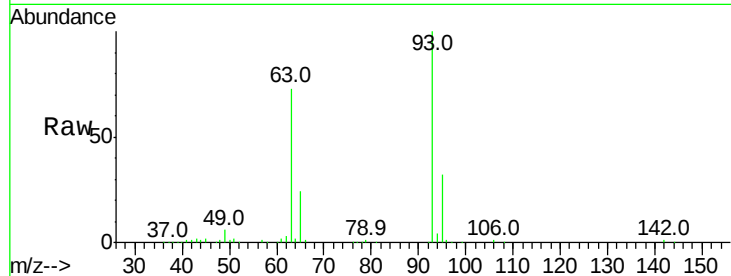
#11
bis(2-Chloroethyl)ether
Concen: 39.325 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	295780		
63	73.2		58.6	98.6
95	32.4		11.8	51.8

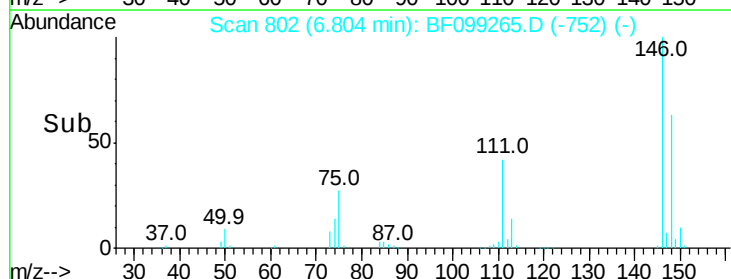
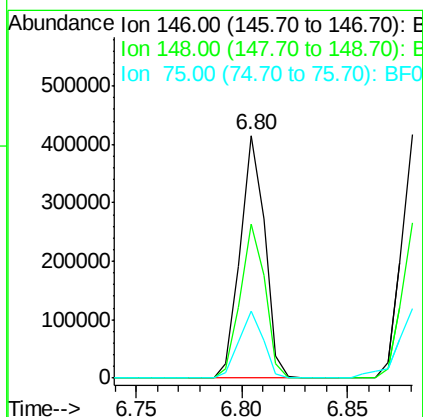
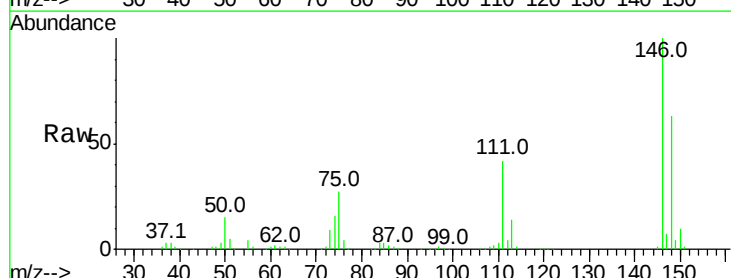
Manual Integrations
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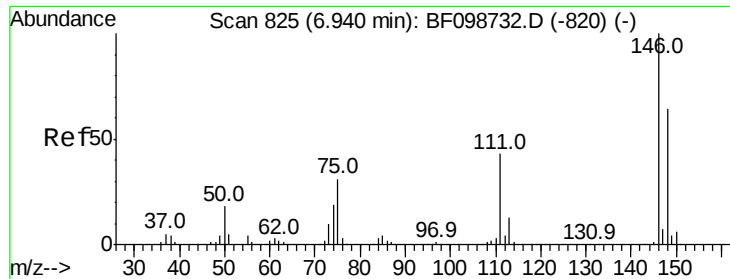
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#12
1,3-Dichlorobenzene
Concen: 40.214 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334463		
148	63.2		51.8	77.8
75	27.3		24.2	36.4





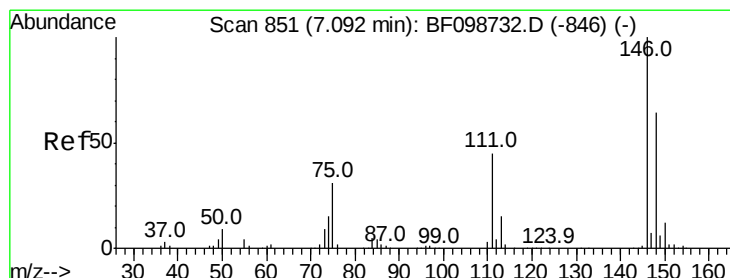
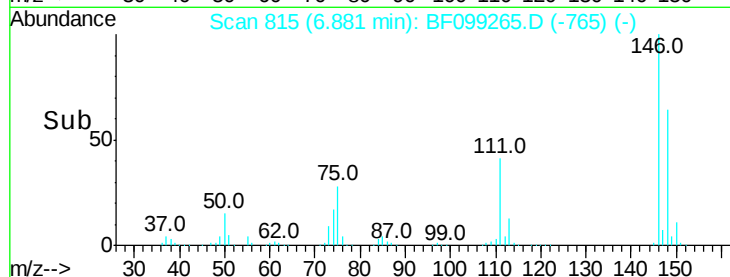
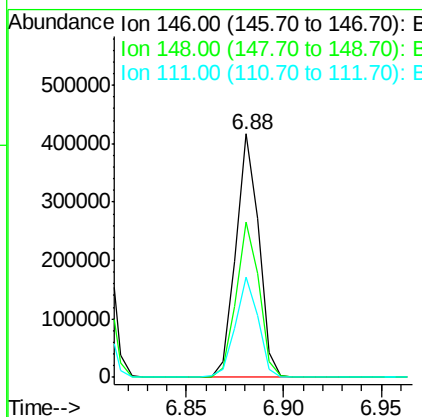
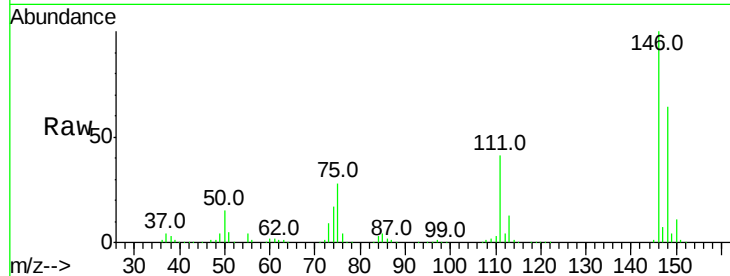
#13
 1,4-Dichlorobenzene
 Concen: 40.095 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.2	34.2	51.2

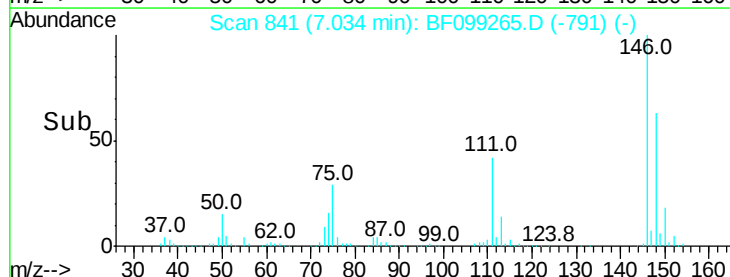
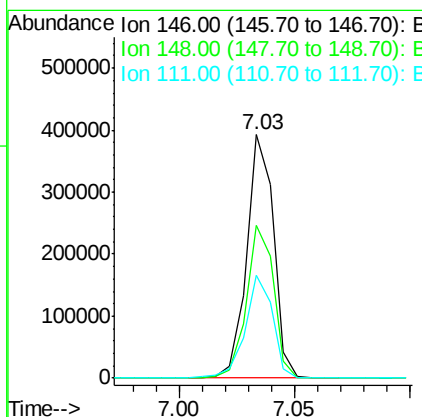
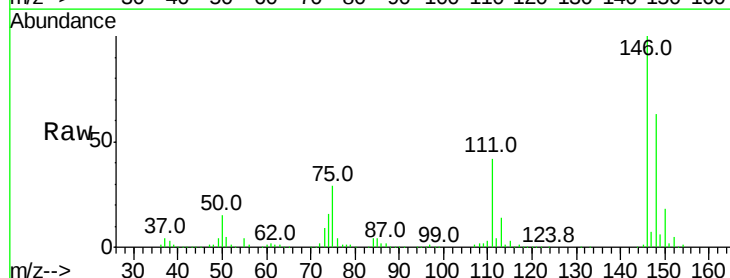
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#14
 1,2-Dichlorobenzene
 Concen: 40.869 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	42.1	36.0	54.0





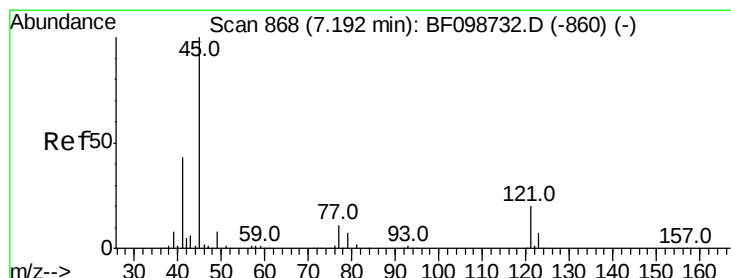
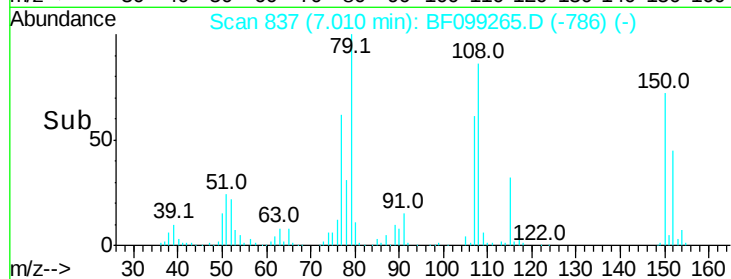
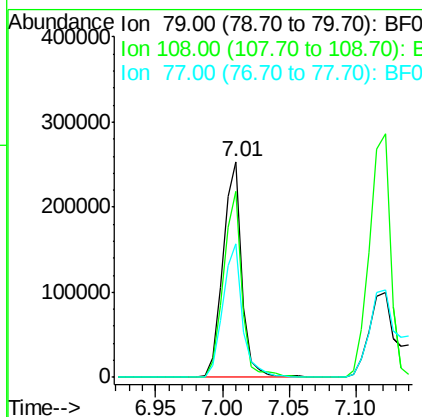
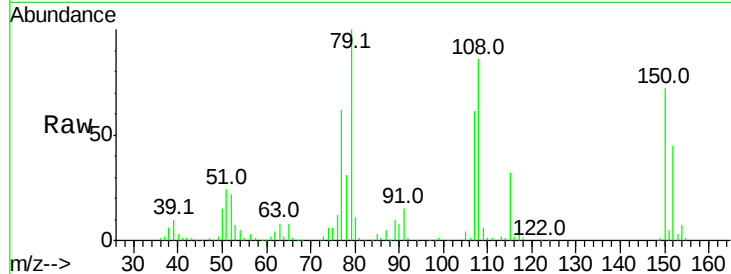
#15
Benzyl Alcohol
Concen: 40.238 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion: 79 Resp: 255365
Ion Ratio Lower Upper
79 100
108 86.2 65.1 97.7
77 61.8 50.6 75.8

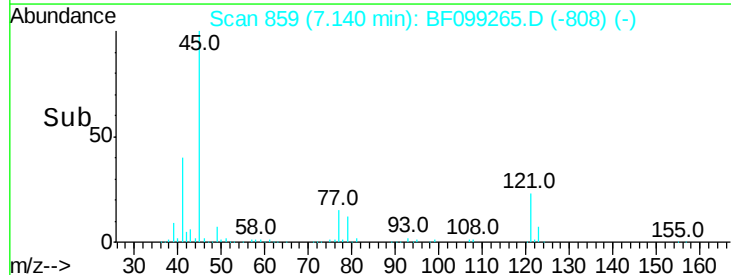
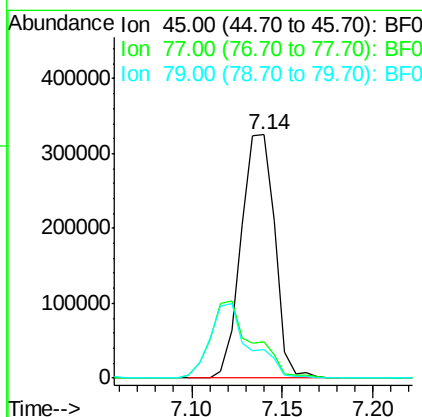
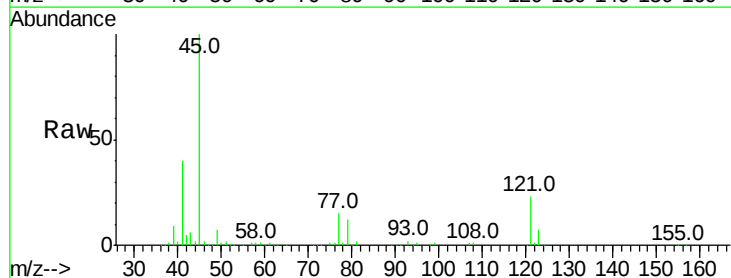
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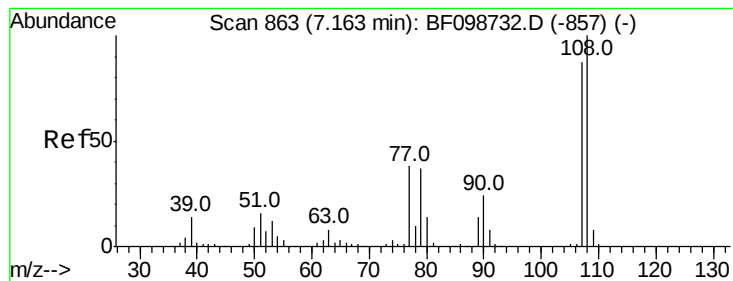
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.847 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion: 45 Resp: 420071
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.9
79 11.5 0.0 29.6





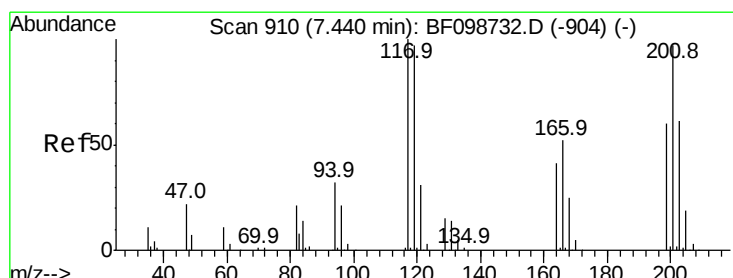
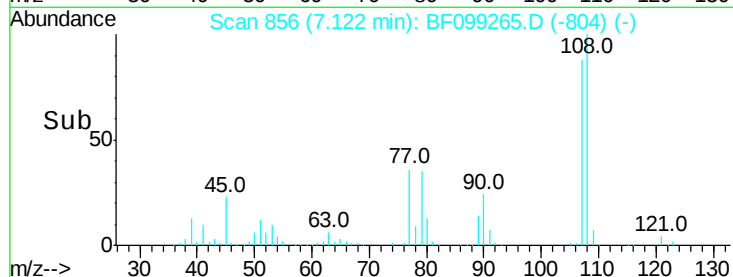
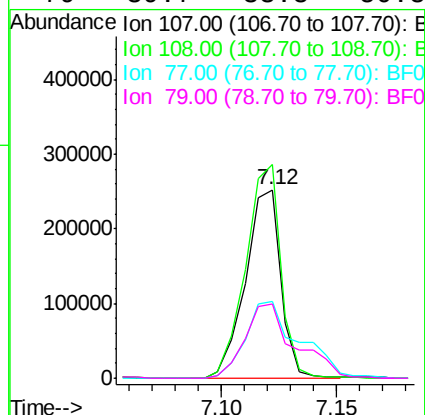
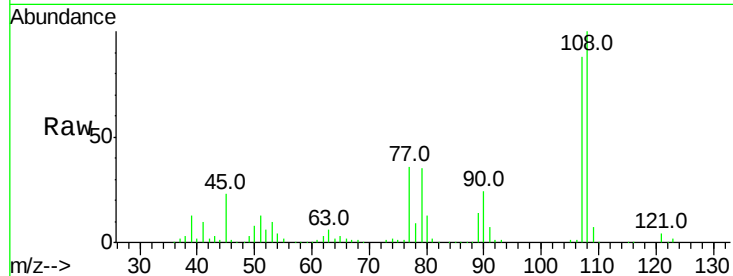
#17
2-Methylphenol
Concen: 41.477 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	269517		
108	113.3	91.7	137.5	
77	40.6	33.8	50.8	
79	39.7	33.8	50.8	

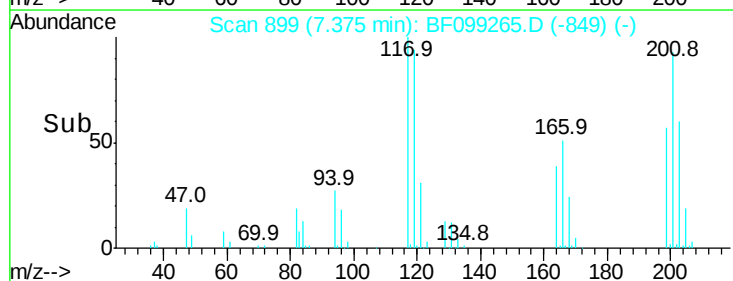
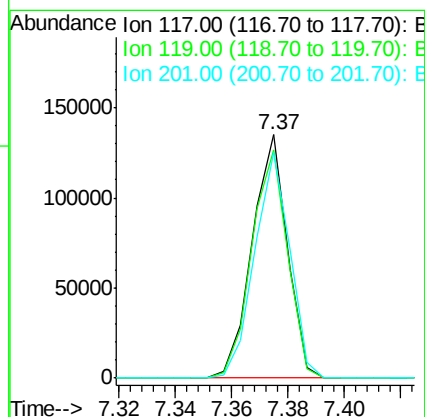
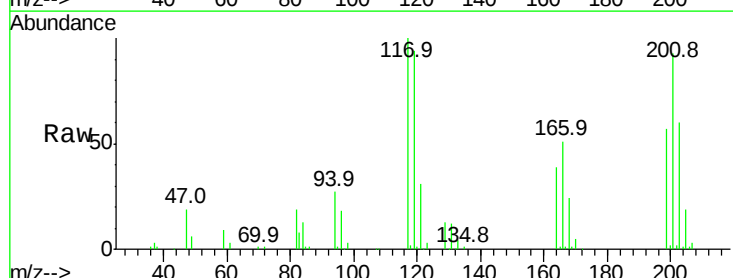
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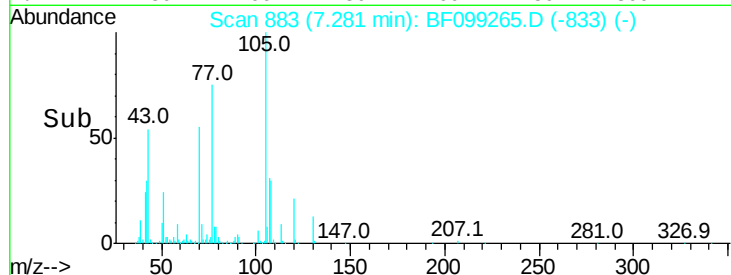
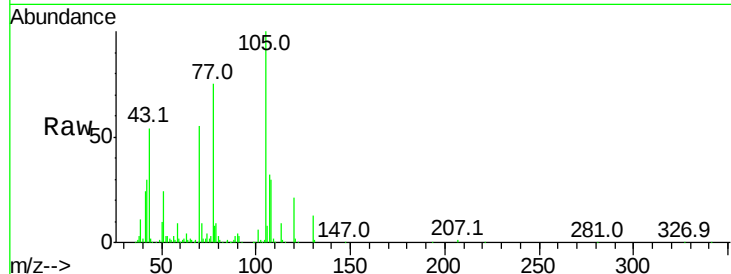
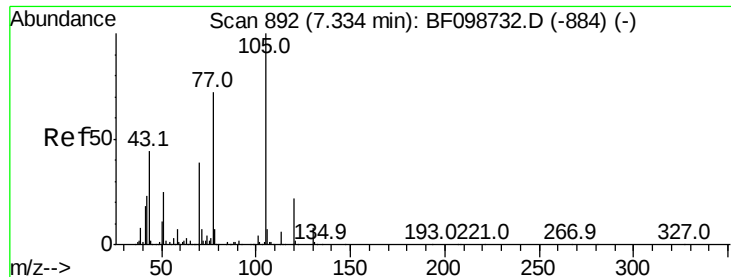
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#18
Hexachloroethane
Concen: 38.204 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116201		
119	93.7	75.8	113.8	
201	92.7	75.7	113.5	





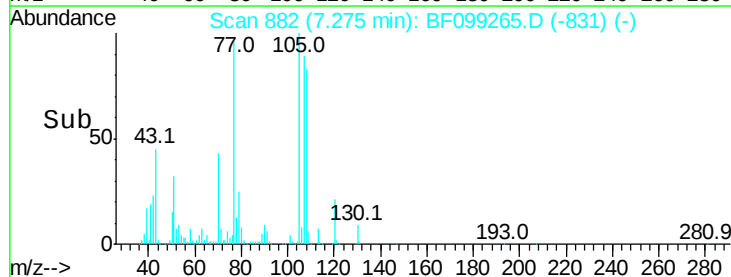
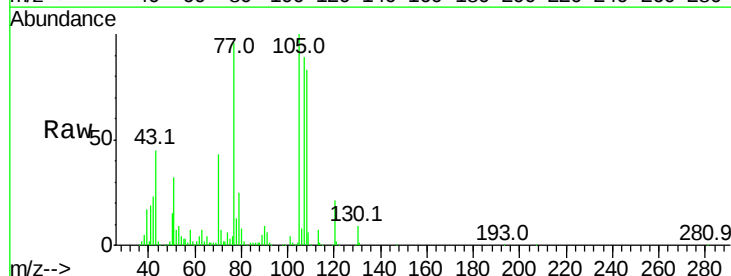
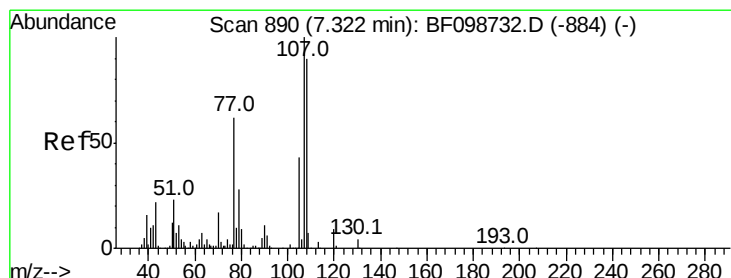
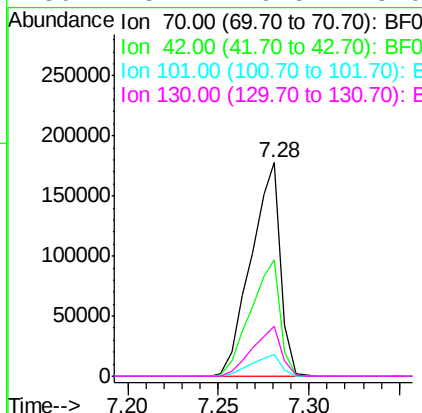
#19
n-Nitroso-di-n-propylamine
Concen: 36.333 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	70	Resp	200677
Ion Ratio	Lower	Upper	
70	100		
42	54.3	47.5	71.3
101	10.3	7.4	11.2
130	23.2	16.6	25.0

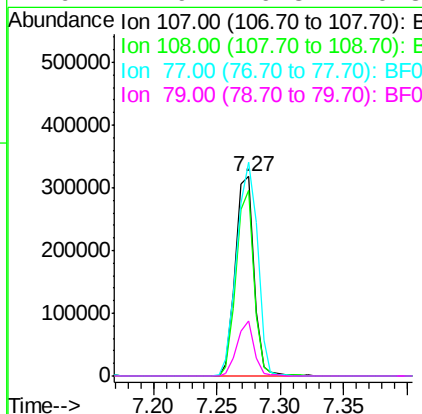
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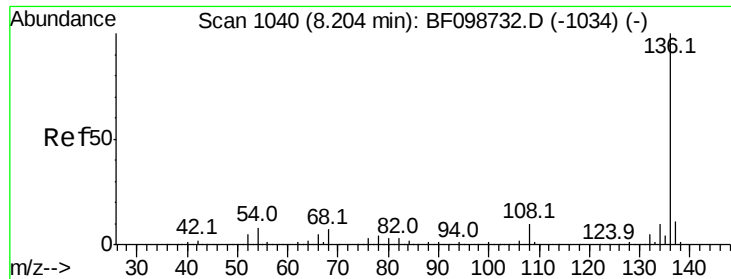
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#20
3+4-Methylphenols
Concen: 39.150 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	107	Resp	321829
Ion Ratio	Lower	Upper	
107	100		
108	93.2	68.2	108.2
77	107.2	26.7	66.7#
79	27.9	6.3	46.3





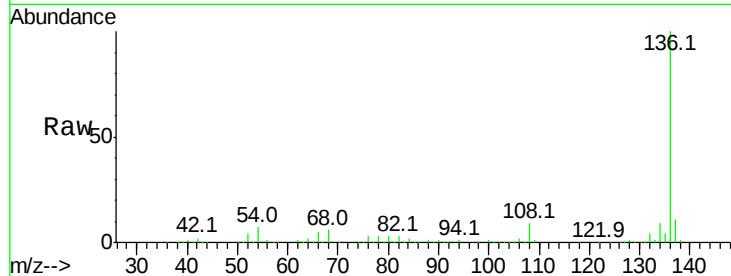
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

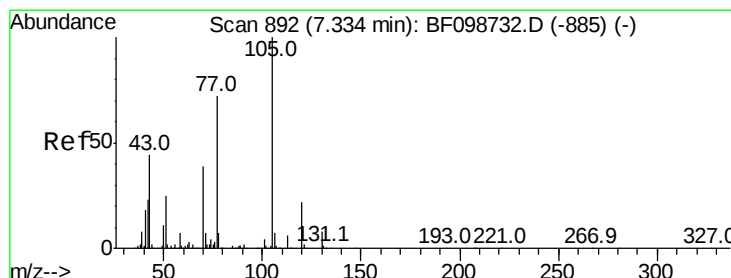
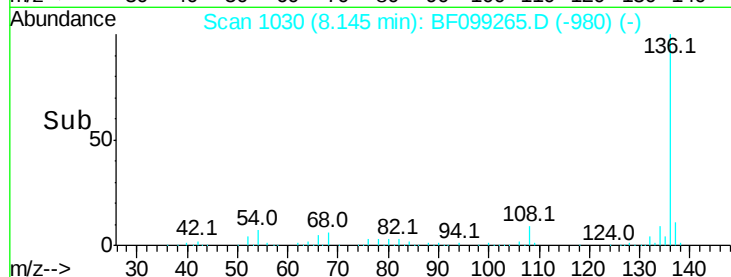
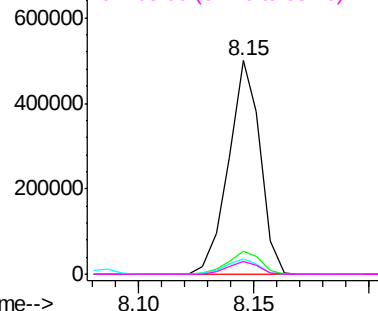
Tot Ion	Ratio	Resp	Lower	Upper
136	100	476219		
137	11.0		8.9	13.3
54	7.3		6.6	9.8
68	5.9		5.0	7.4

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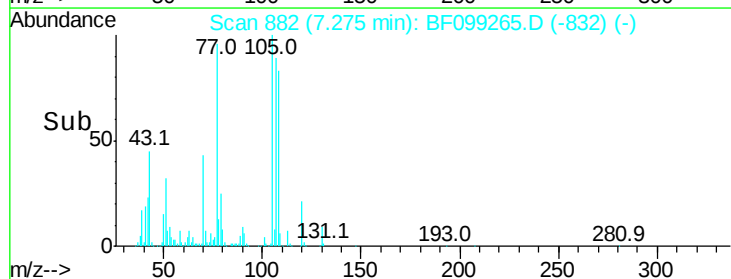
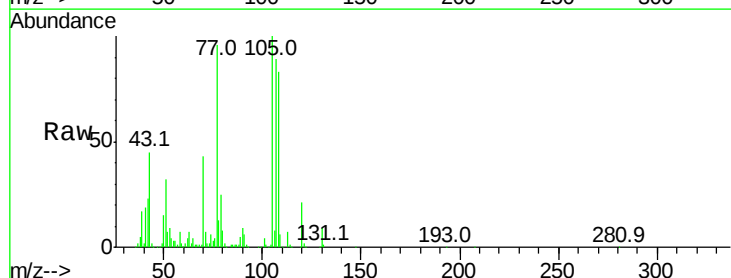
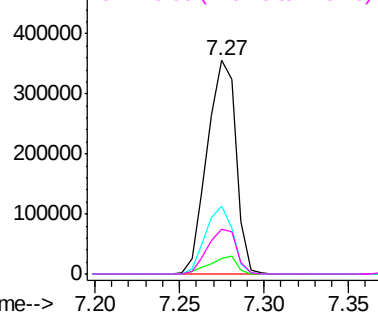
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

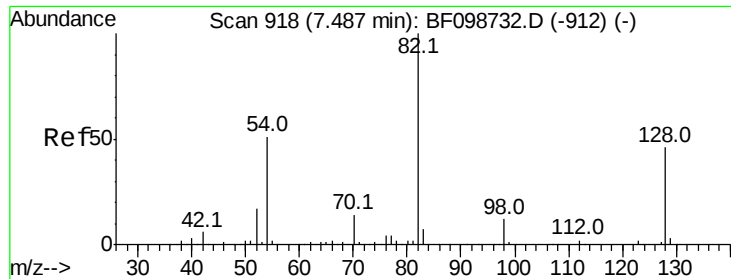


#22
Acetophenone
Concen: 36.610 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422405		
71	7.3		4.4	6.6#
51	31.6		22.3	33.5
120	20.8		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





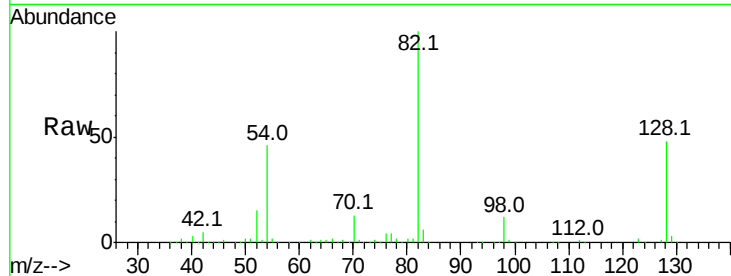
#23
Nitrobenzene-d5
Concen: 87.250 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

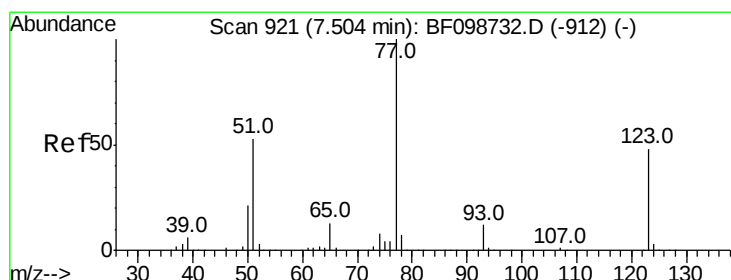
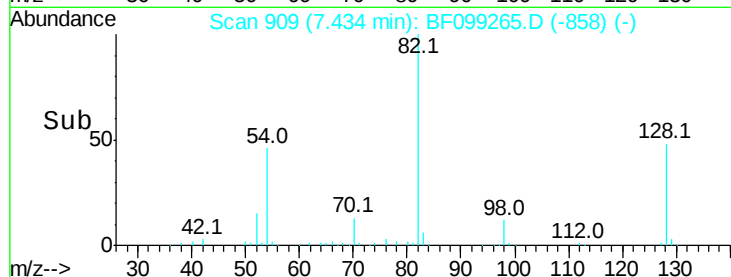
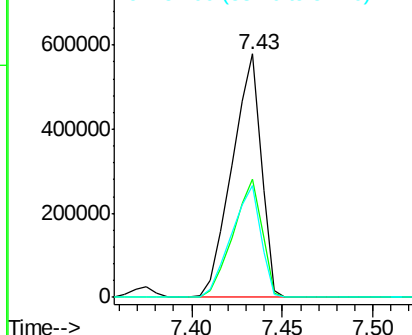
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	36.1	54.1	
54	46.0	41.4	62.2	

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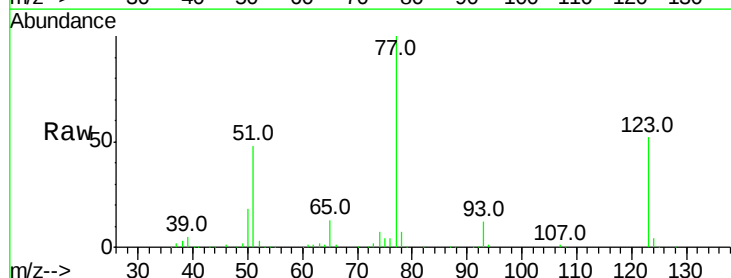


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

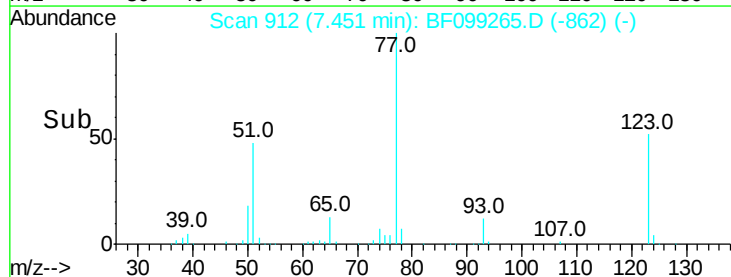
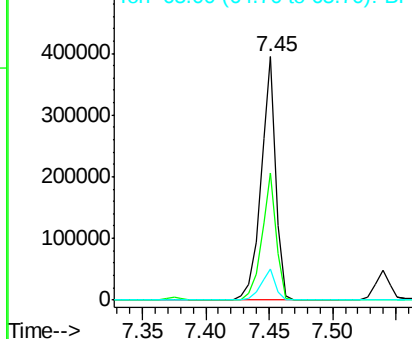


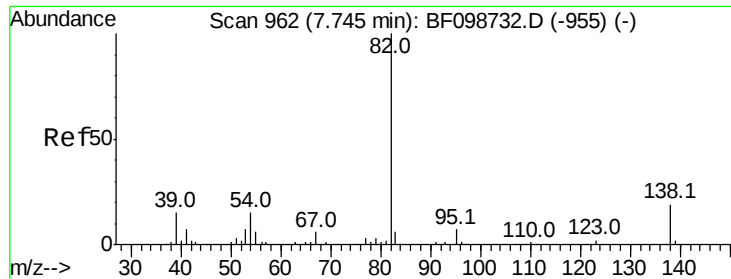
#24
Nitrobenzene
Concen: 38.338 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.1	37.9	56.9	
65	12.9	11.0	16.4	



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





#25

Isophorone

Concen: 39.009 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

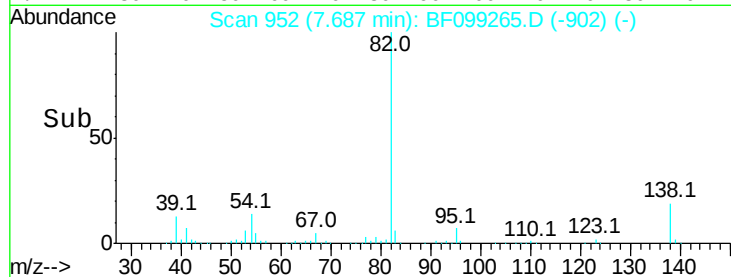
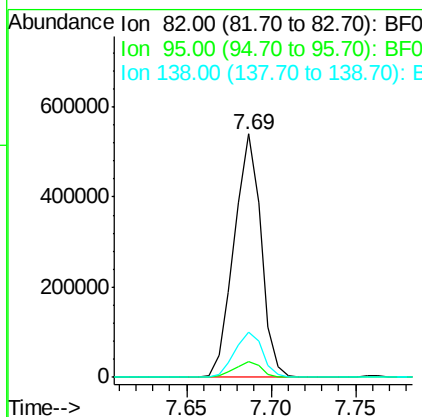
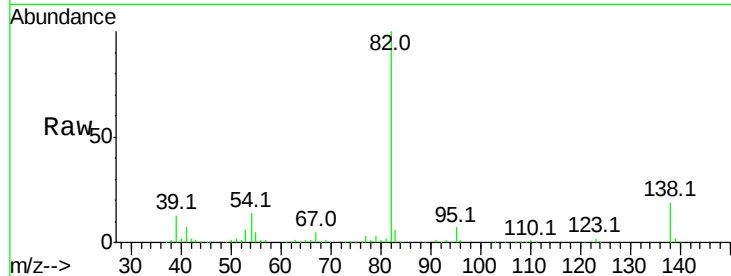
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	82	Resp:	598902
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.386 ng

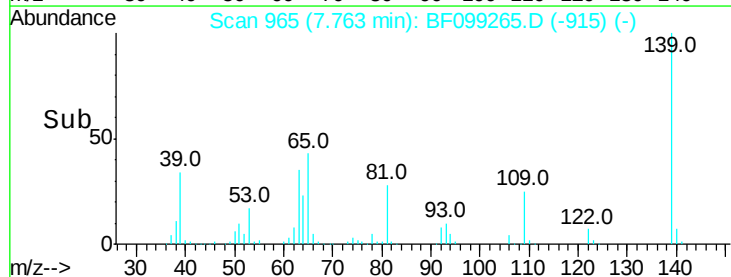
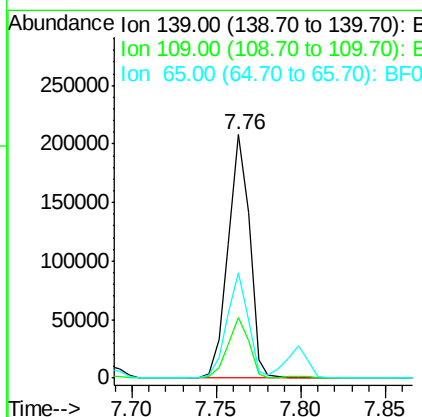
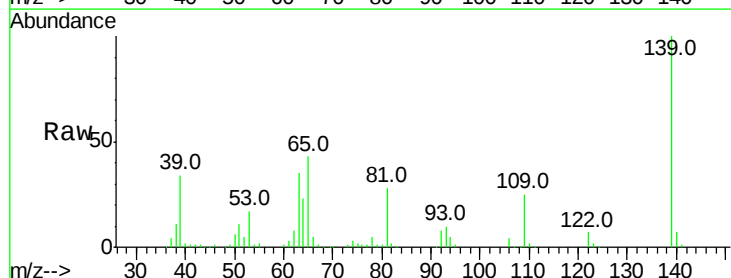
RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	139	Resp:	183848
Ion Ratio	Lower	Upper	
139	100		
109	25.1	22.7	34.1
65	43.3	40.5	60.7





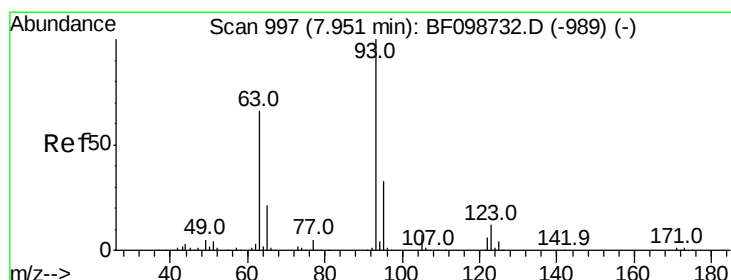
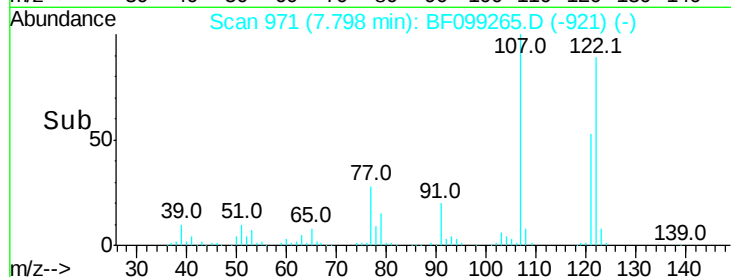
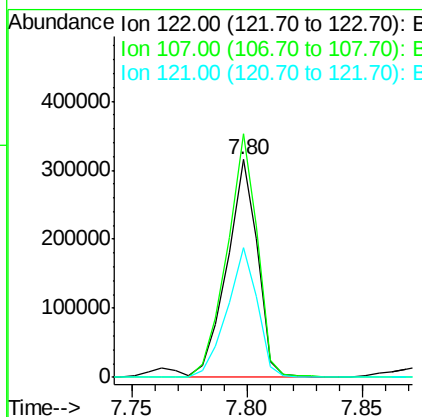
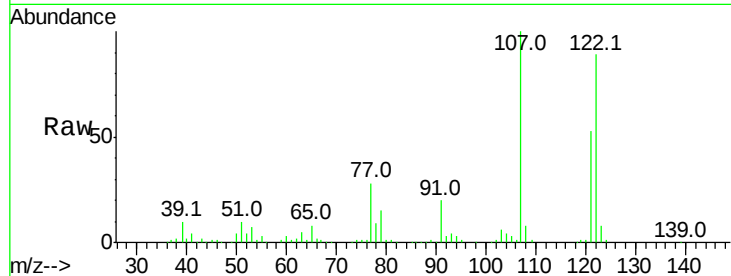
#27
 2,4-Dimethylphenol
 Concen: 37.958 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	290370		
107	112.0		91.2	136.8
121	59.7		47.2	70.8

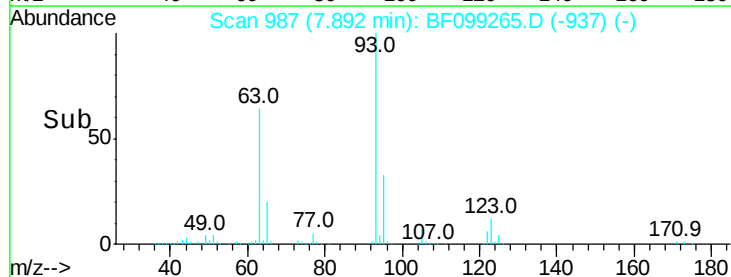
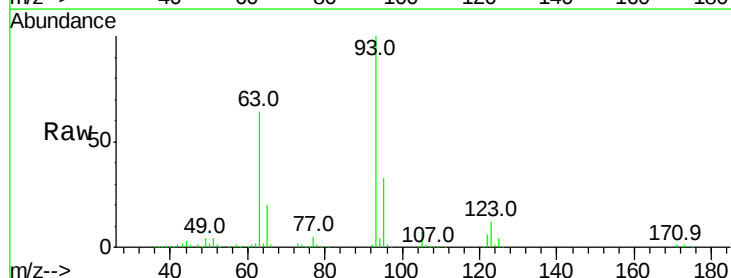
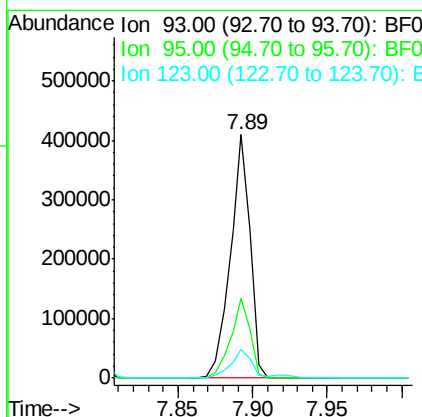
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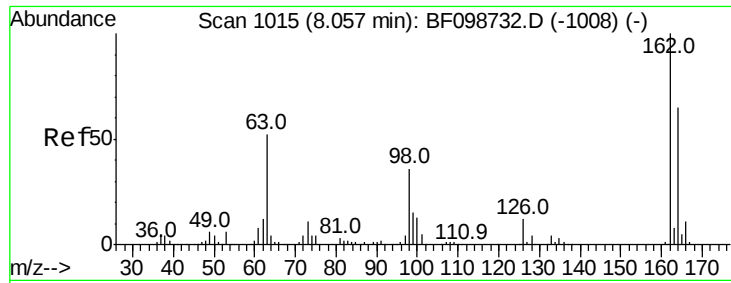
Sohil
 10/10/2017 5:10:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.875 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	381513		
95	32.8		26.3	39.5
123	11.7		9.8	14.6





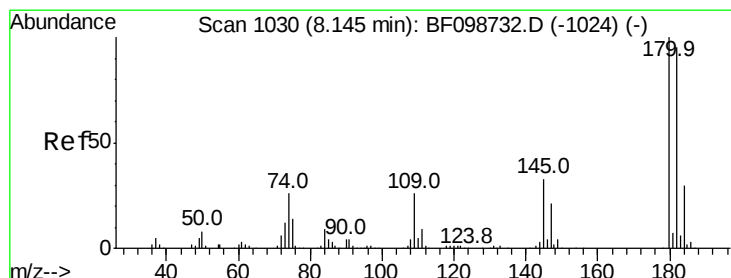
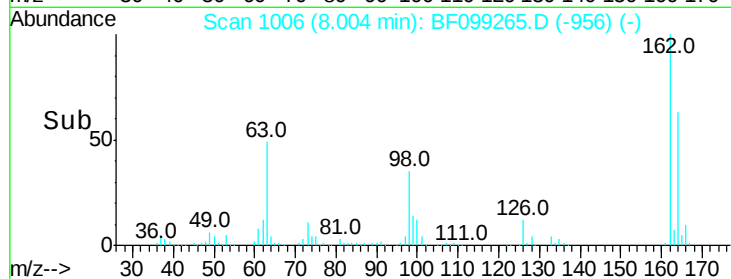
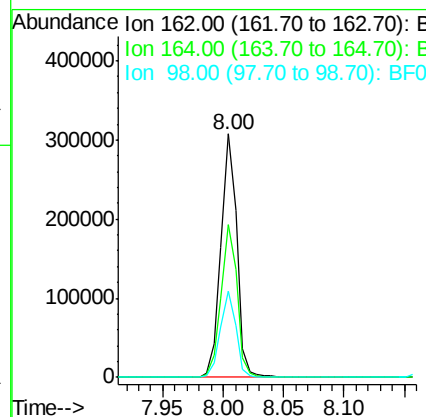
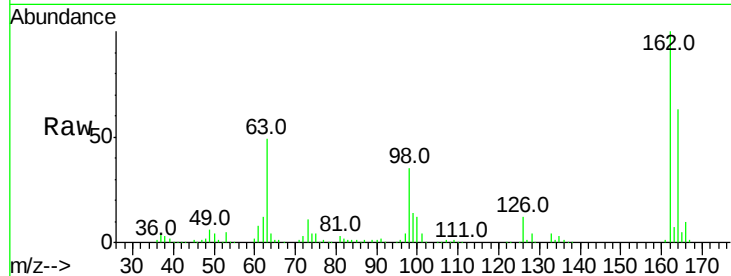
#29
 2,4-Dichlorophenol
 Concen: 42.359 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	278211		
164	62.8		42.7	82.7
98	35.4		18.1	58.1

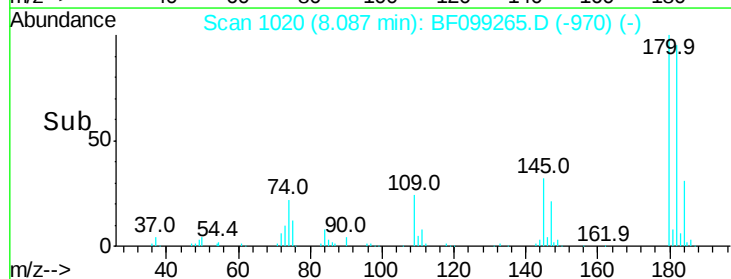
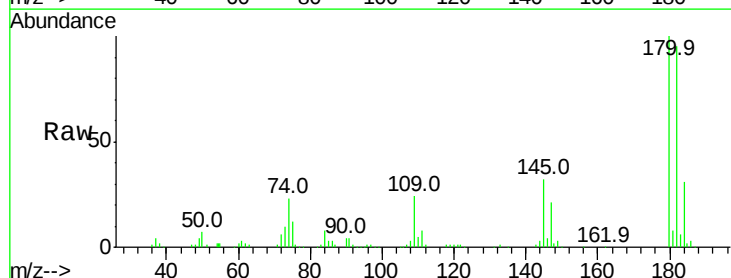
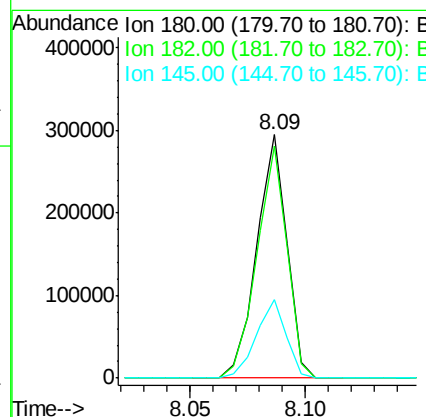
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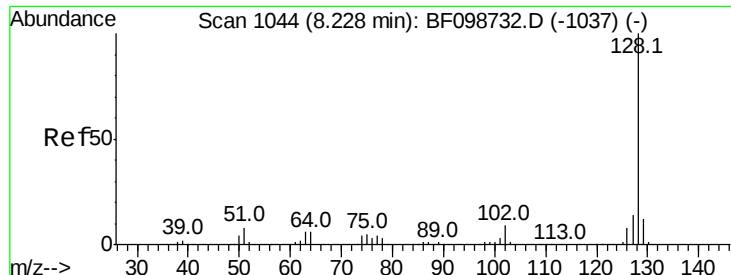
Sohil
 10/10/2017 5:10:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.977 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269181		
182	95.4		76.8	115.2
145	32.4		26.5	39.7





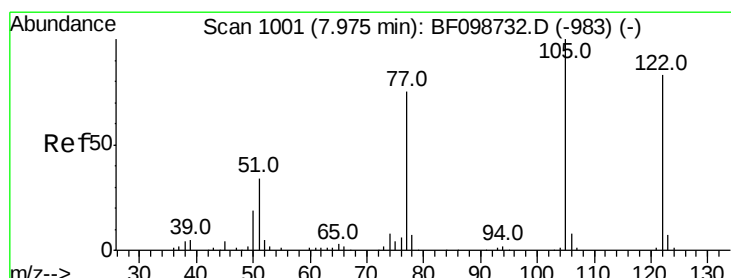
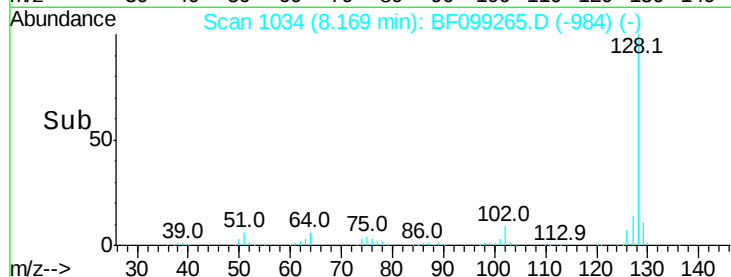
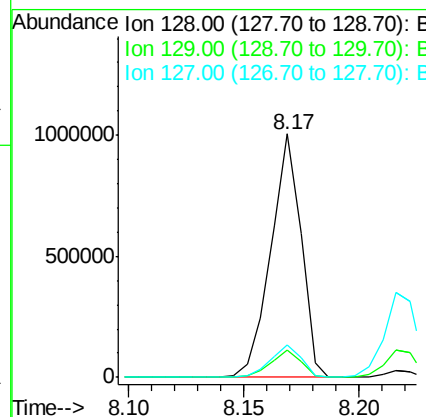
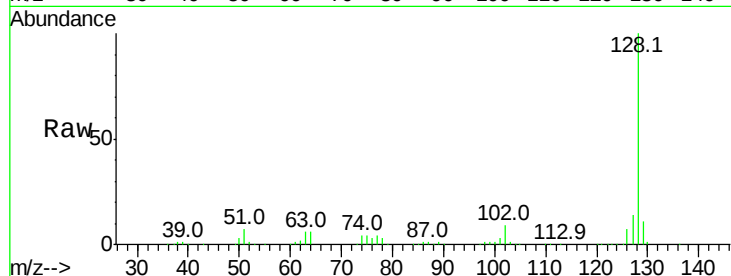
#31
Naphthalene
Concen: 40.926 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.6	10.9	16.3	

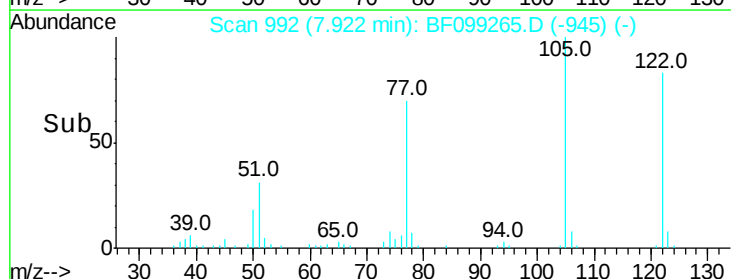
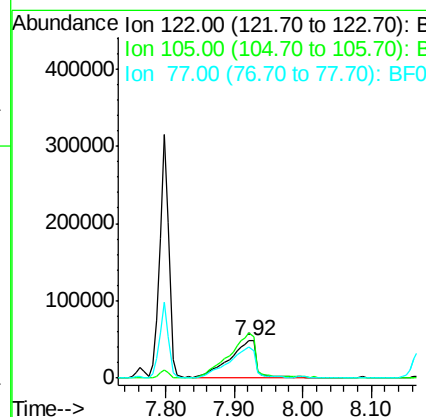
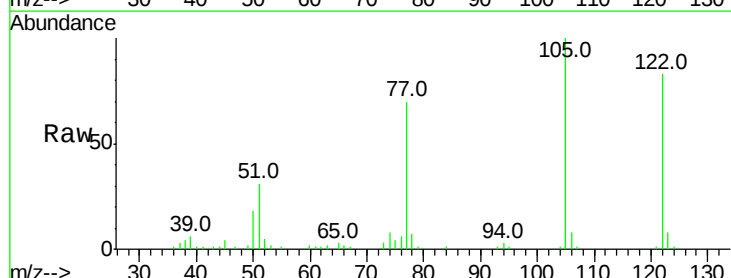
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#32
Benzoic acid
Concen: 21.239 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.1	101.1	141.1	
77	83.5	70.7	110.7	





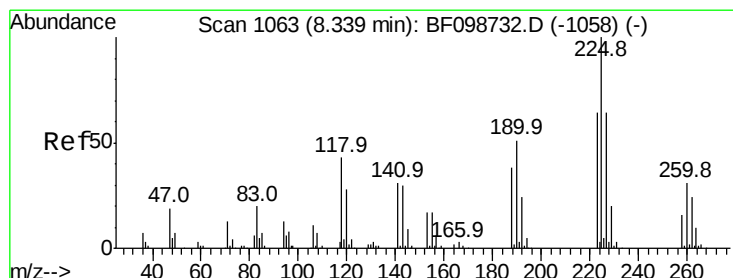
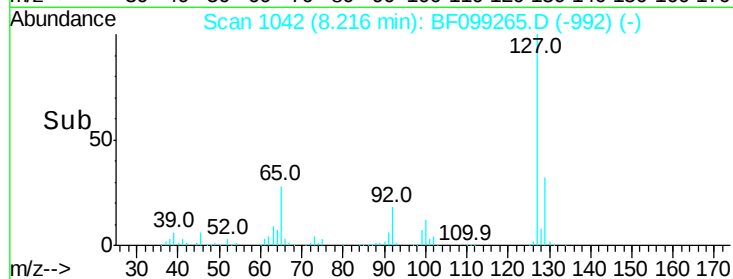
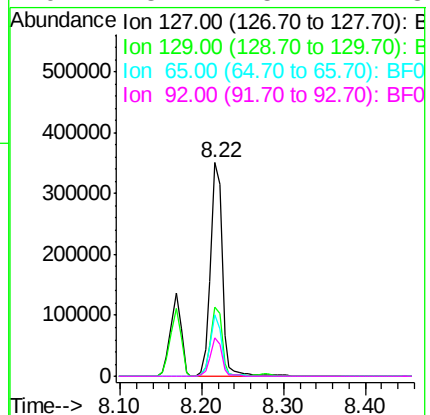
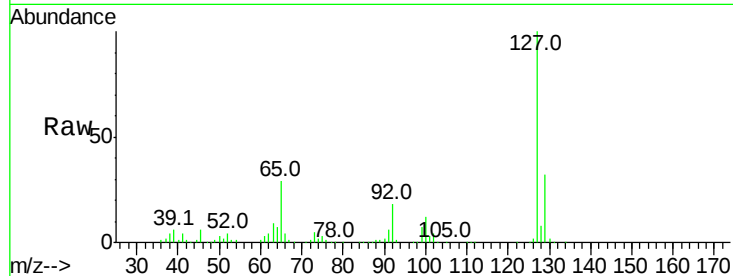
#33
4-Chloroaniline
Concen: 37.755 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	28.7	25.0	37.4	
92	18.2	15.2	22.8	

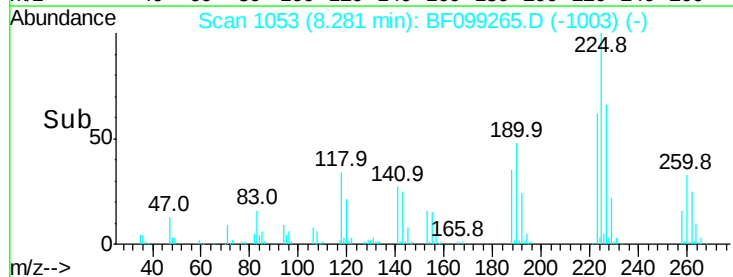
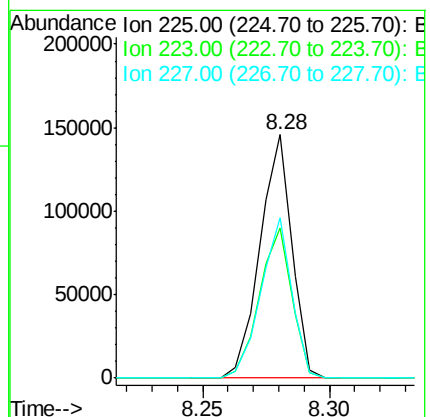
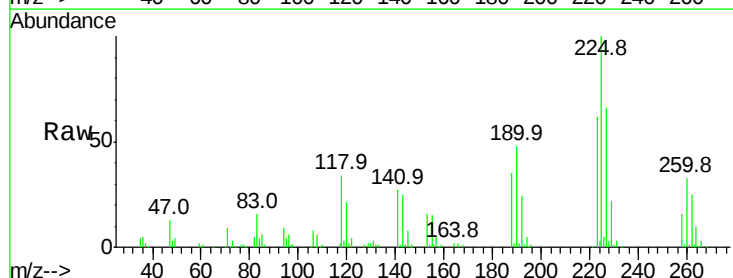
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#34
Hexachlorobutadiene
Concen: 37.947 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	50.6	76.0	
227	65.8	51.9	77.9	





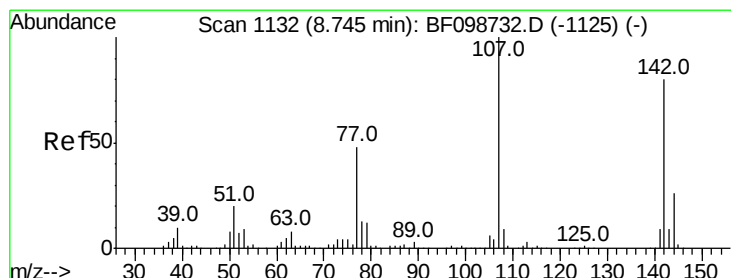
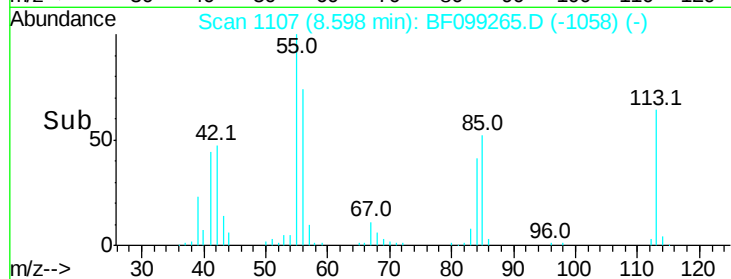
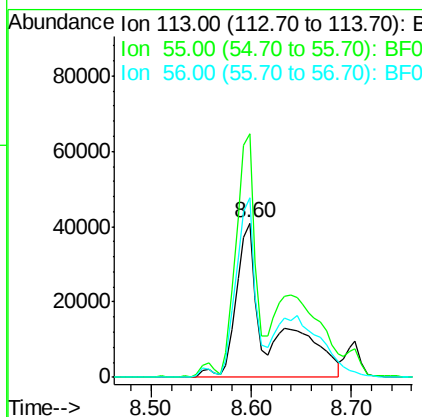
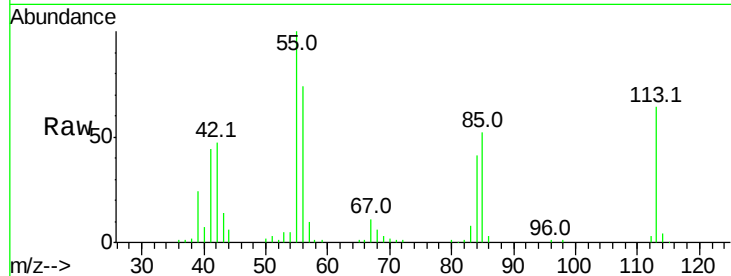
#35
 Caprolactam
 Concen: 46.175 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion:113 Resp: 97282
 Ion Ratio Lower Upper
 113 100
 55 157.5 163.3 203.3#
 56 116.4 115.7 155.7

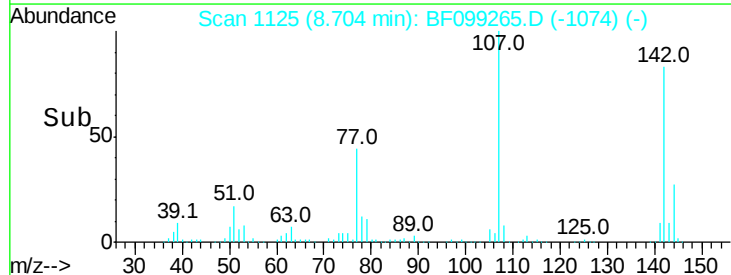
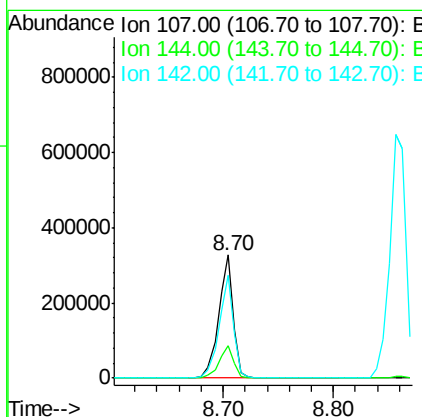
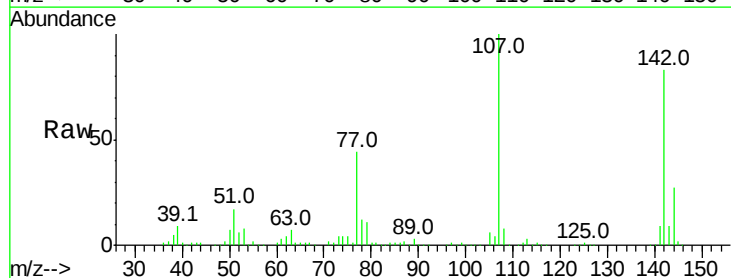
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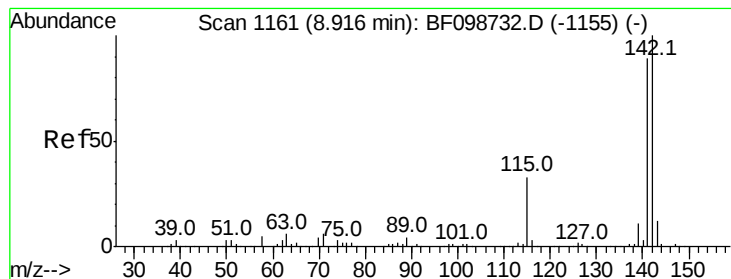
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#36
 4-Chloro-3-methylphenol
 Concen: 40.248 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:107 Resp: 297122
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 83.2 62.0 93.0





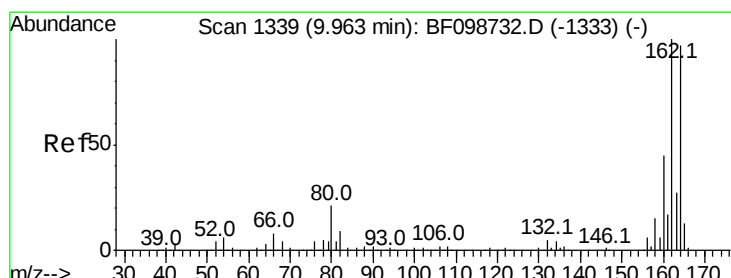
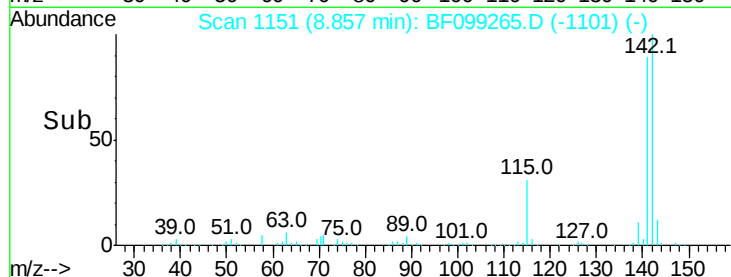
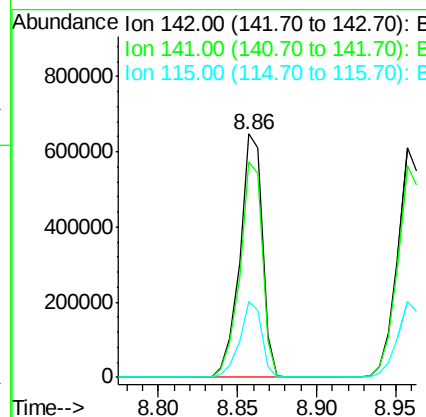
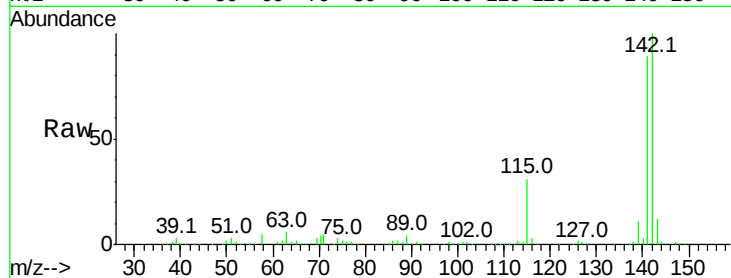
#37
 2-Methylnaphthalene
 Concen: 43.953 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.1	26.1	39.1

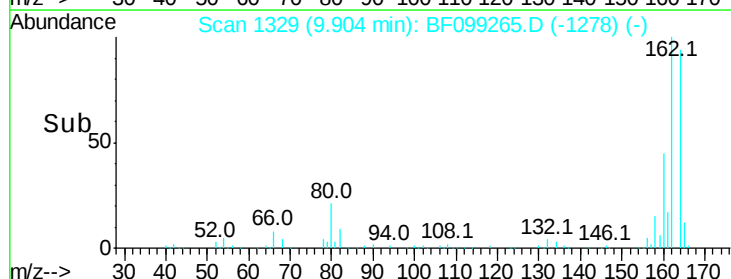
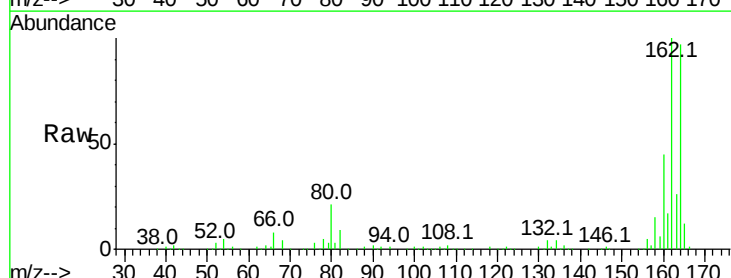
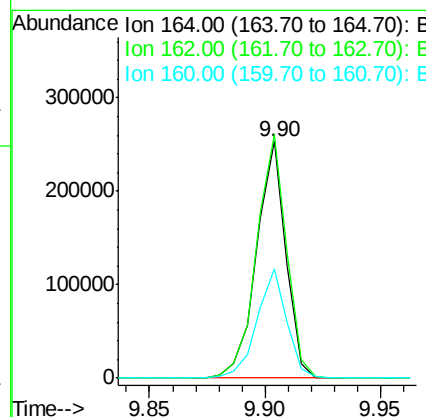
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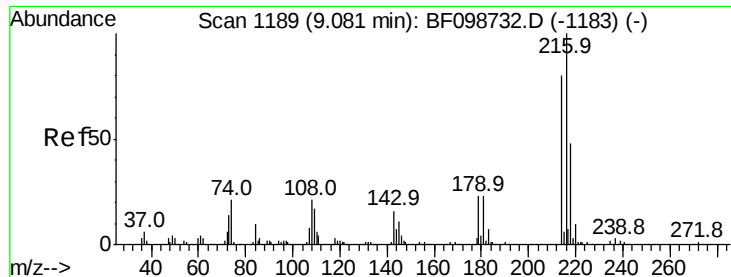
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.8	38.3	57.5





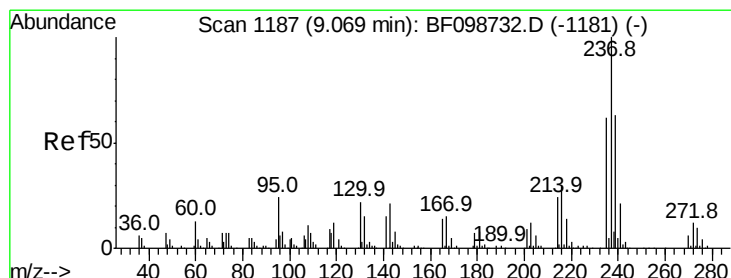
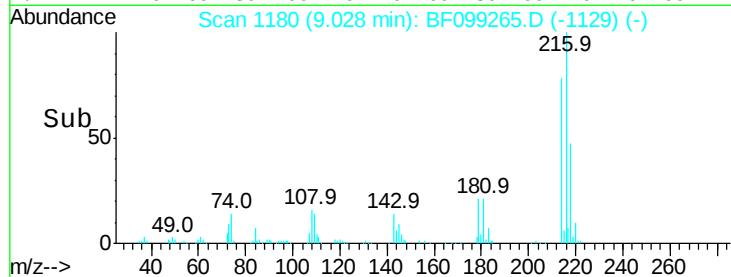
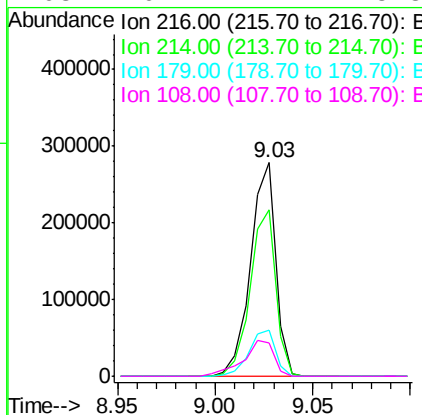
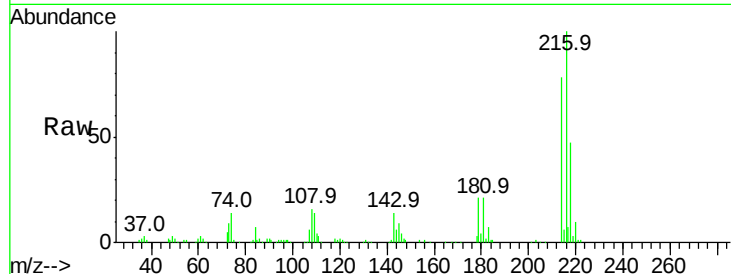
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.252 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	249574		
214	79.3	63.0	94.4	
179	22.6	18.1	27.1	
108	20.4	17.2	25.8	

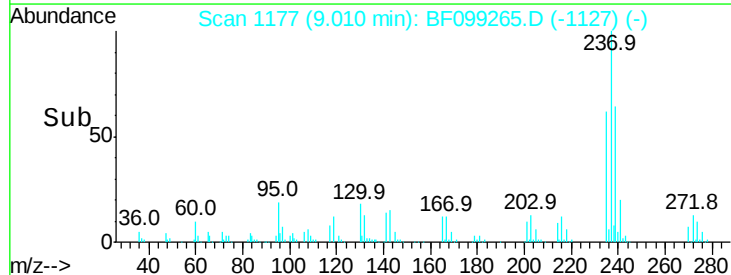
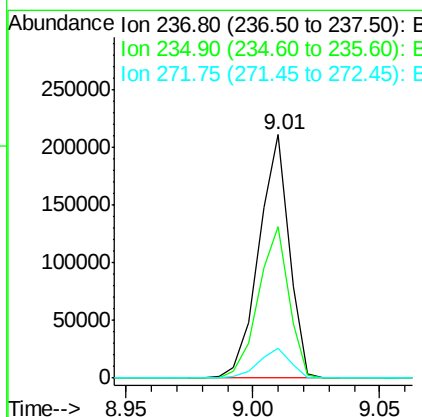
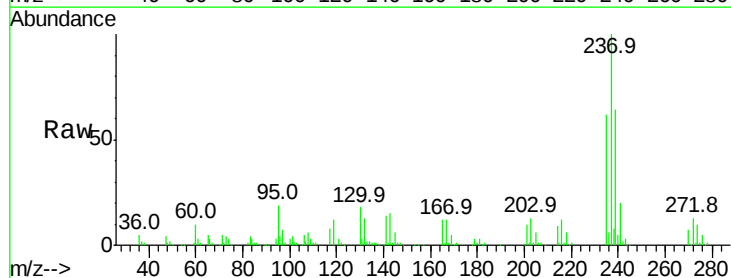
Manual Integrations
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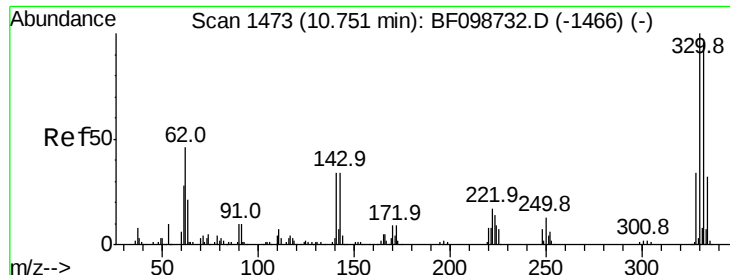
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 57.768 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	176869		
235	62.0	44.8	84.8	
272	12.5	0.0	33.3	





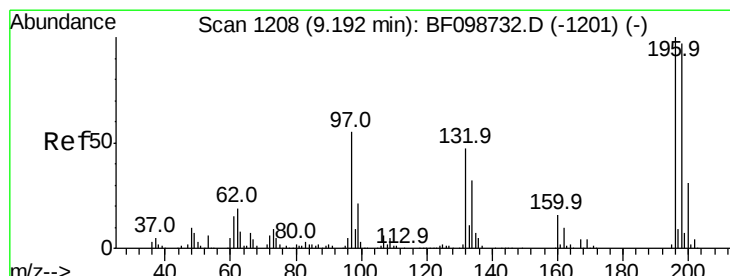
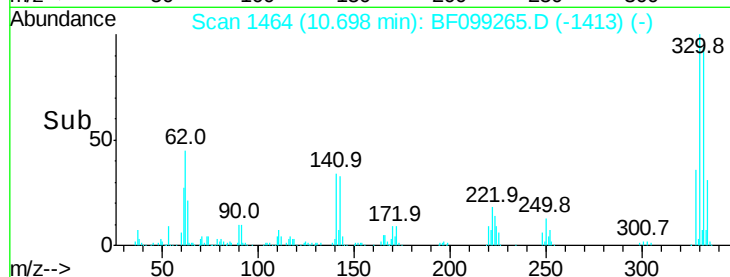
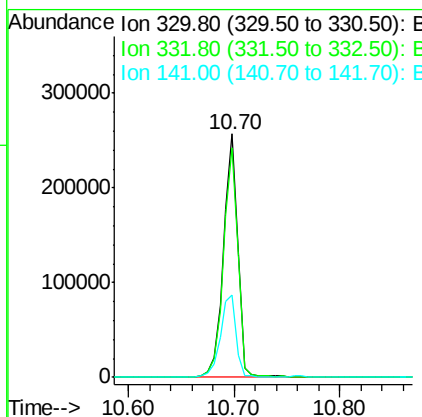
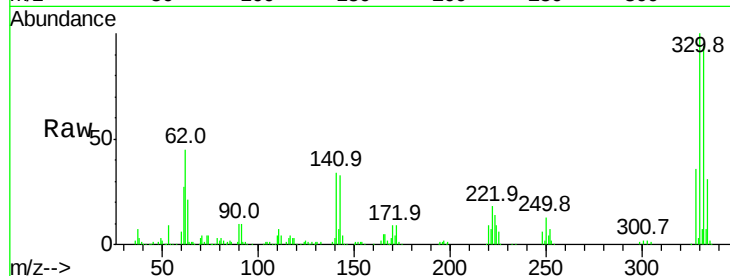
#41
 2,4,6-Tribromophenol
 Concen: 133.624 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245631		
332	95.8	77.0	115.6	
141	37.2	29.9	44.9	

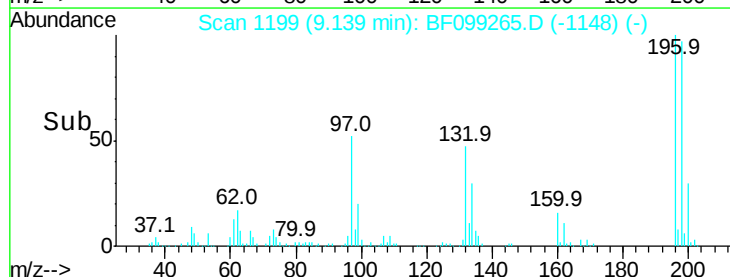
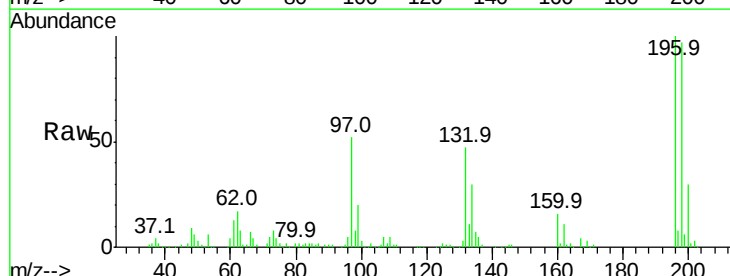
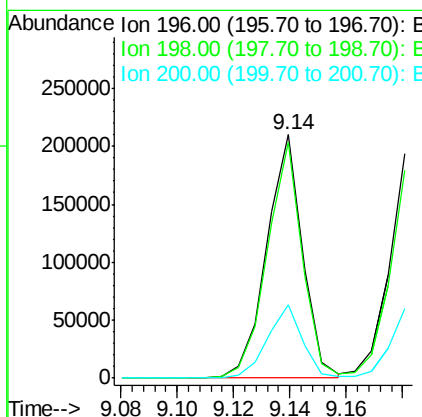
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 38.792 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184116		
198	96.7	75.7	113.5	
200	30.4	24.5	36.7	





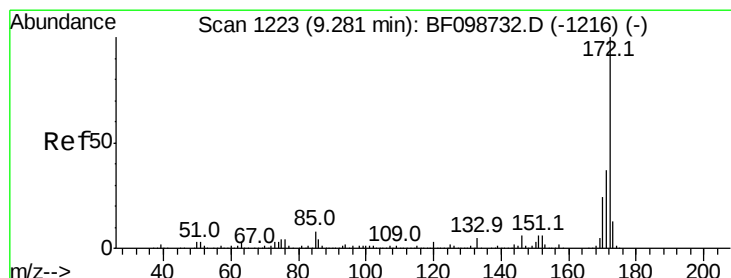
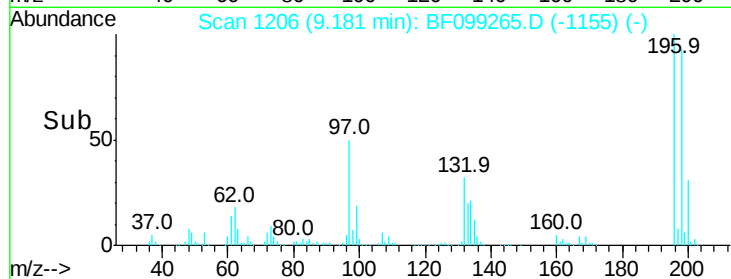
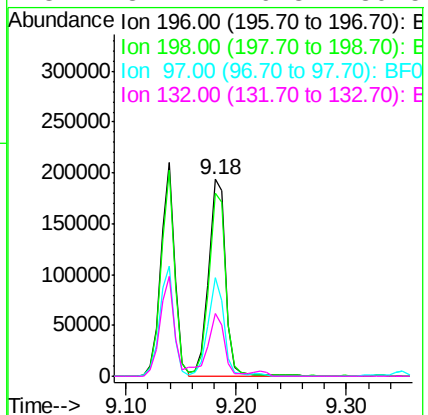
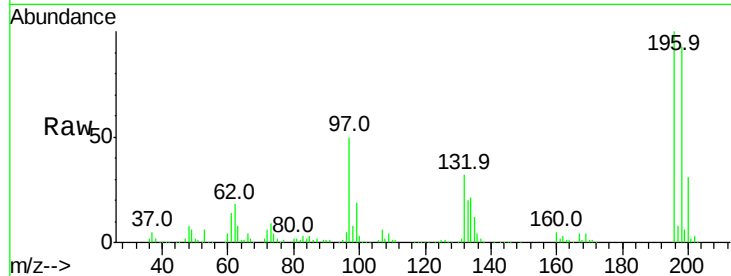
#43
 2,4,5-Trichlorophenol
 Concen: 42.101 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	196	Resp	199470
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.6	112.0
97	49.9	42.9	64.3
132	31.7	26.3	39.5

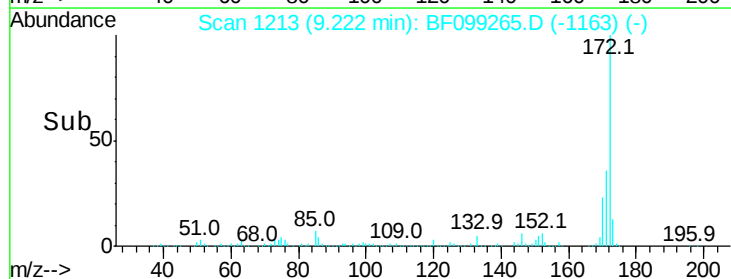
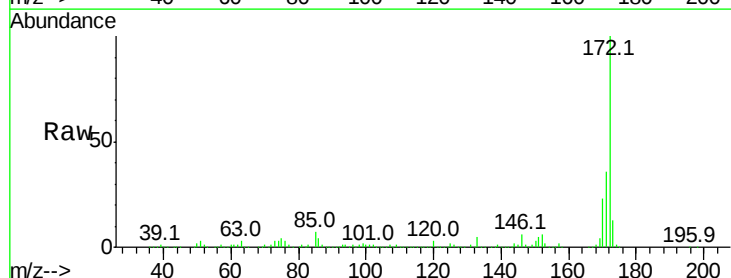
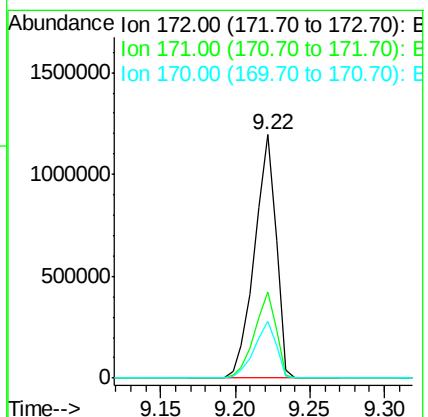
Manual Integrations
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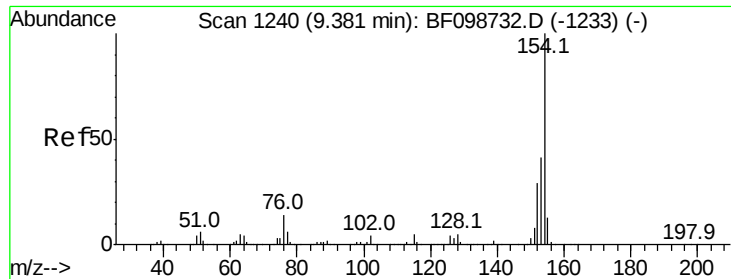
Sohil
 10/10/2017 5:10:35 PM



#44
 2-Fluorobiphenyl
 Concen: 87.949 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	172	Resp	1183504
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4





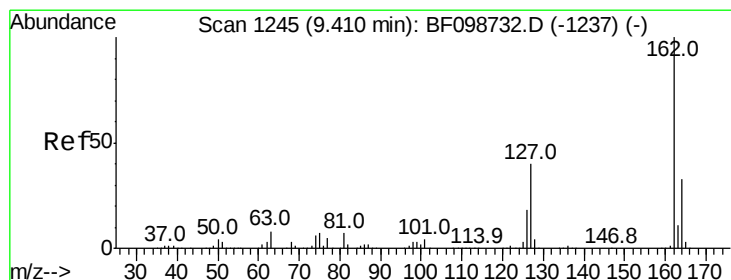
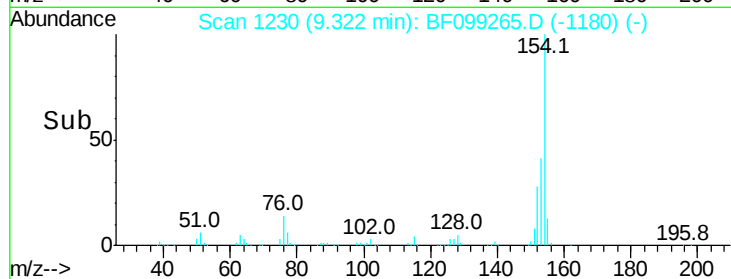
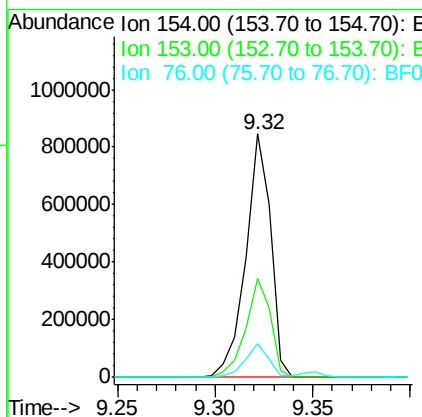
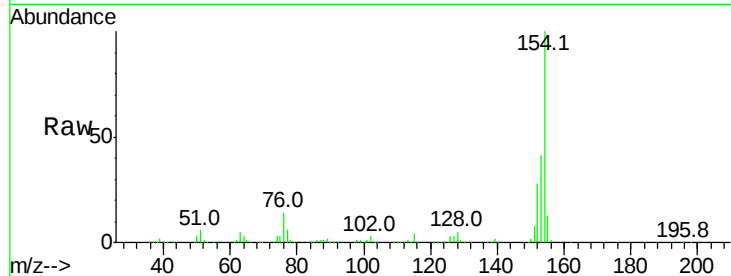
#45
 1,1'-Biphenyl
 Concen: 38.673 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	13.8	0.0	34.0	

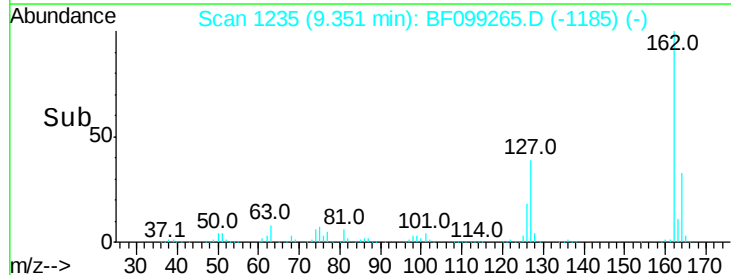
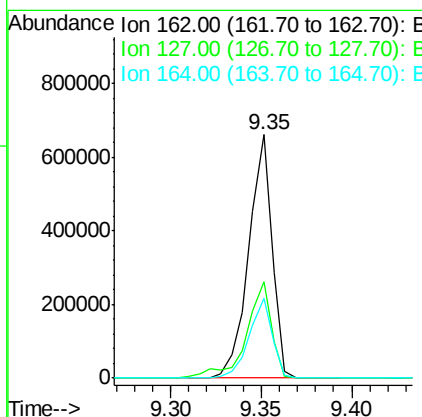
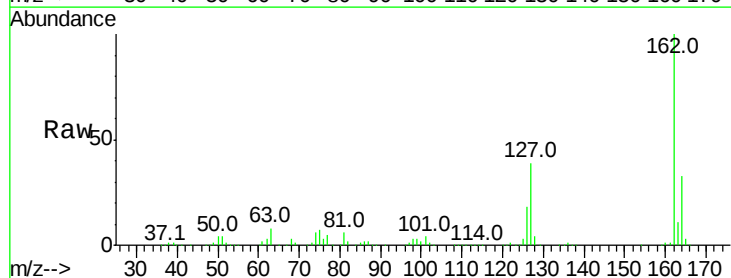
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 10/10/2017 5:10:35 PM



#46
 2-Chloronaphthalene
 Concen: 40.780 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.4	33.9	50.9	
164	32.7	26.5	39.7	





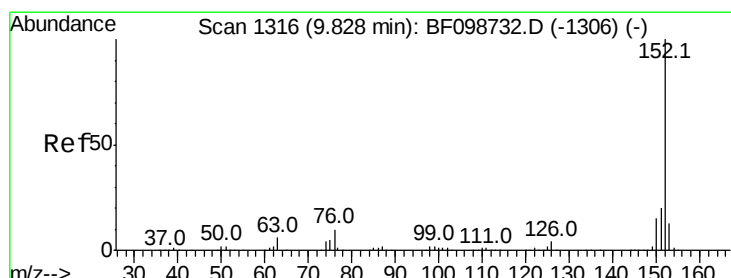
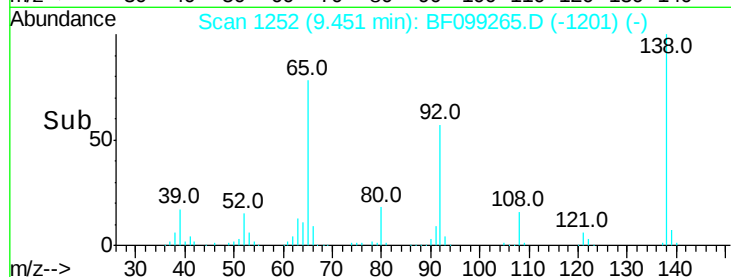
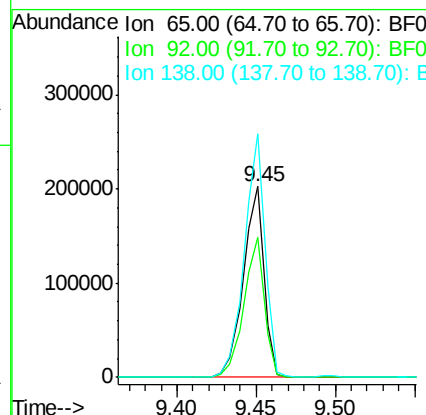
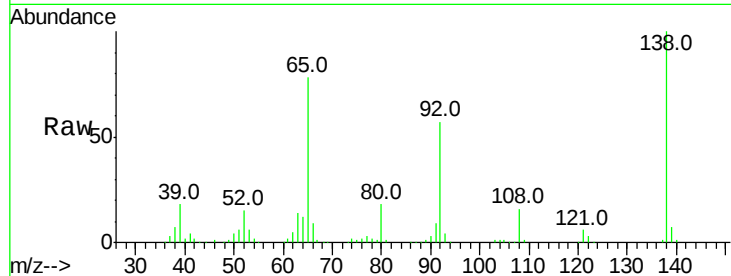
#47
2-Nitroaniline
Concen: 41.394 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.8	83.6
138	127.6	91.2	136.8

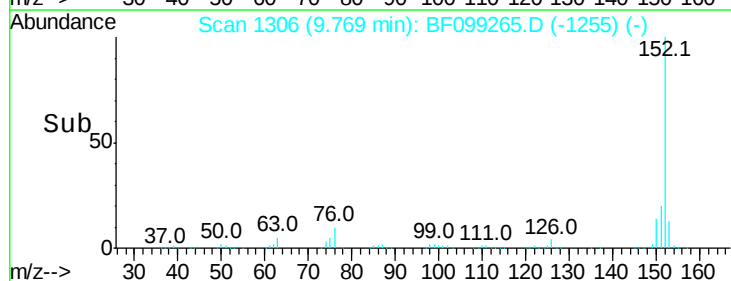
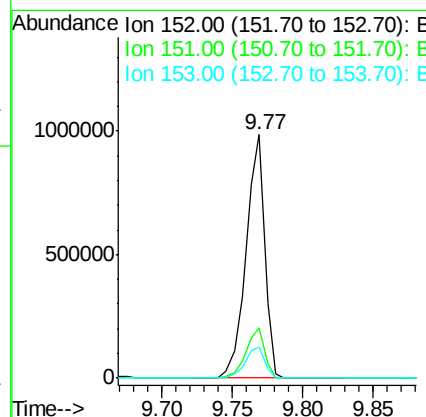
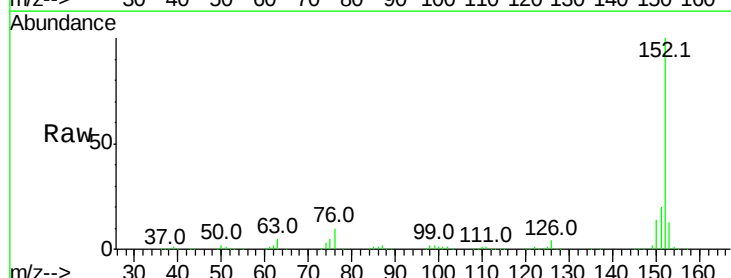
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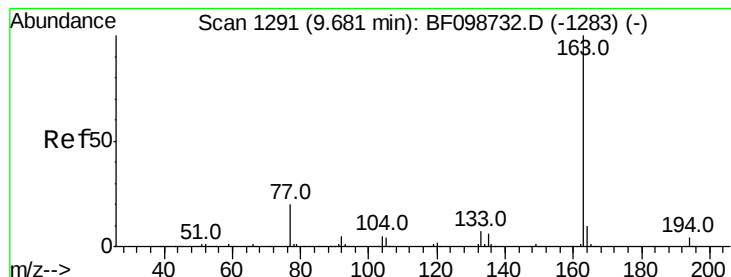
Sohil
10/10/2017 5:10:35 PM



#48
Acenaphthylene
Concen: 40.873 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1





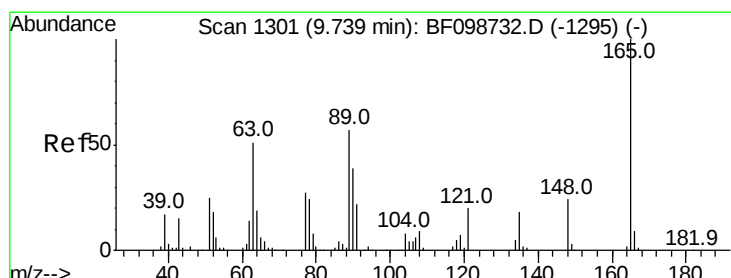
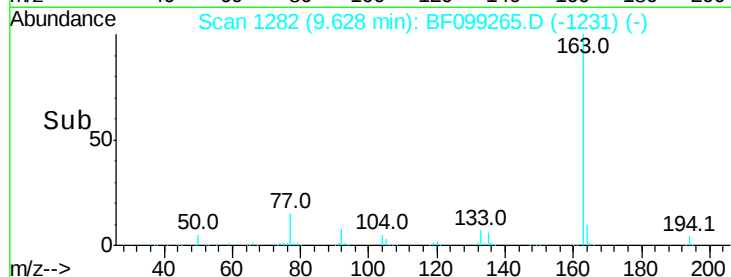
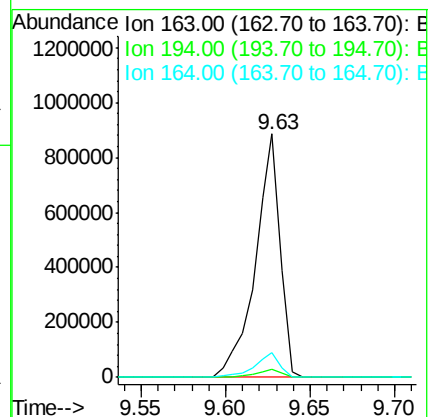
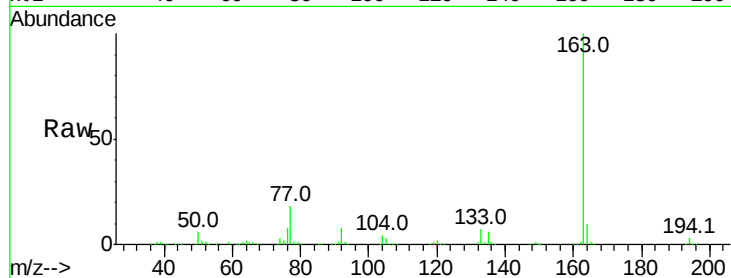
#49
 Dimethylphthalate
 Concen: 53.192 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.3	8.2	12.2	

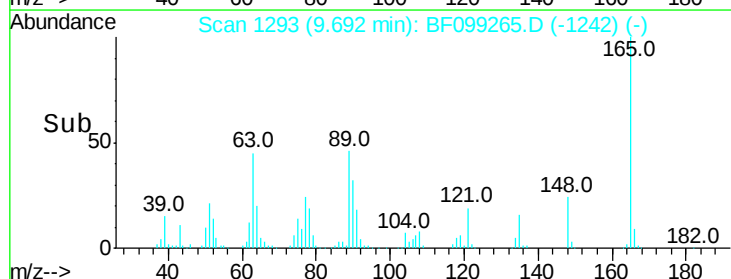
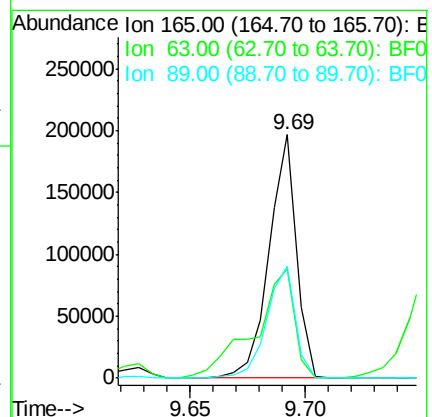
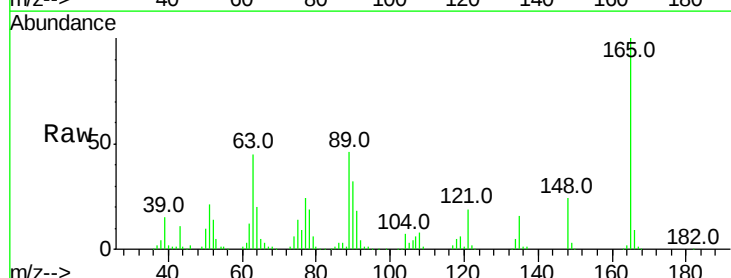
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#50
 2,6-Dinitrotoluene
 Concen: 43.959 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.6	44.7	67.1#	
89	45.8	44.0	66.0	





#51

Acenaphthene

Concen: 38.065 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

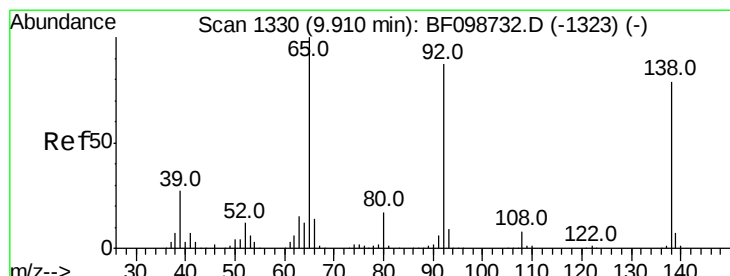
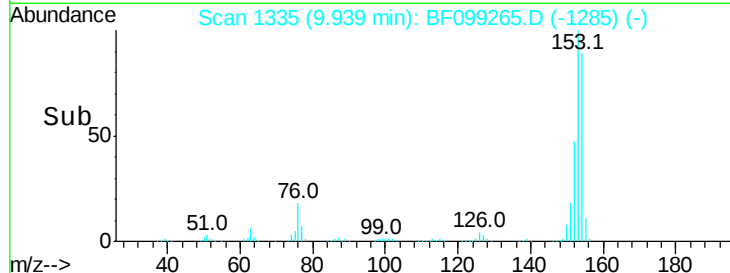
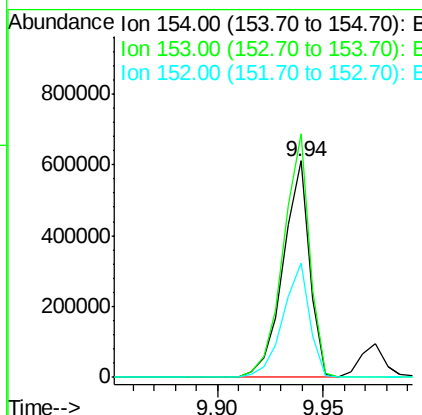
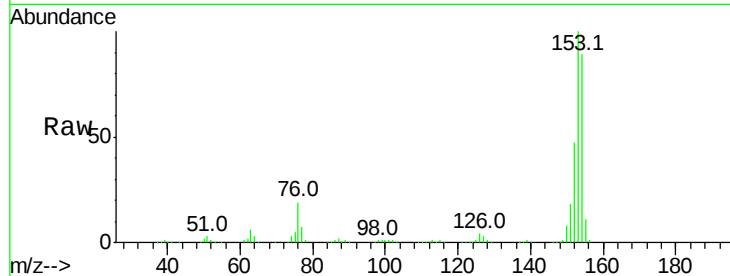
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	154	Resp:	535084
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	53.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 39.496 ng

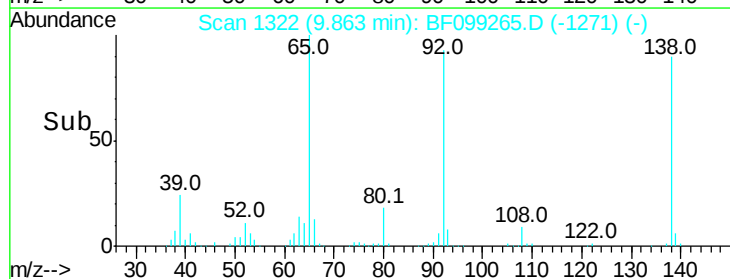
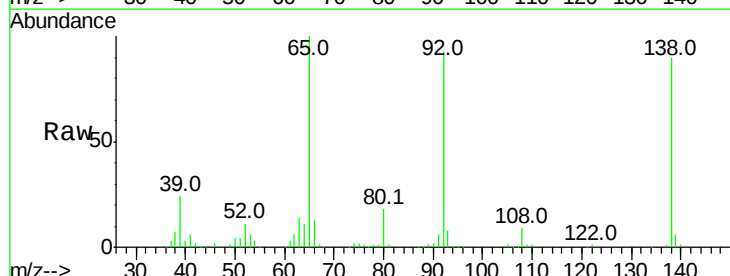
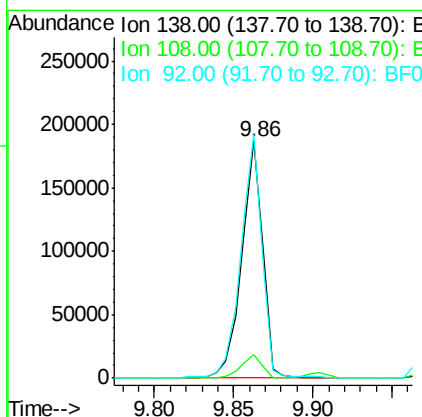
RT: 9.86 min Scan# 1322

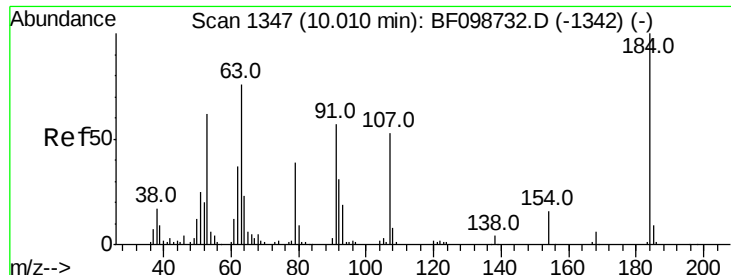
Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	138	Resp:	169992
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	102.7	89.4	134.2





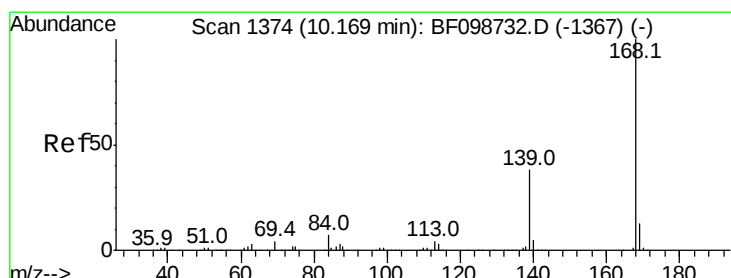
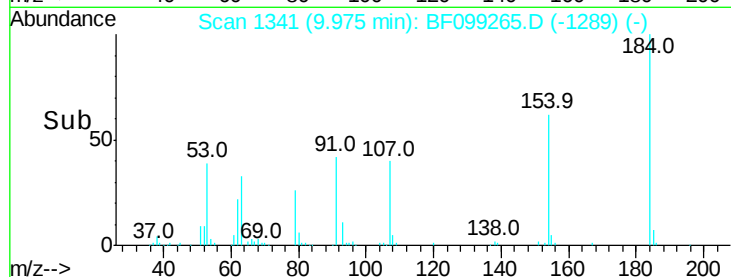
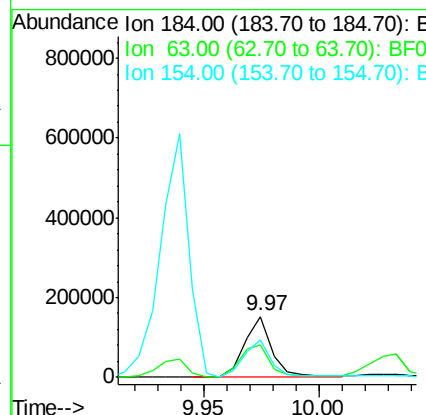
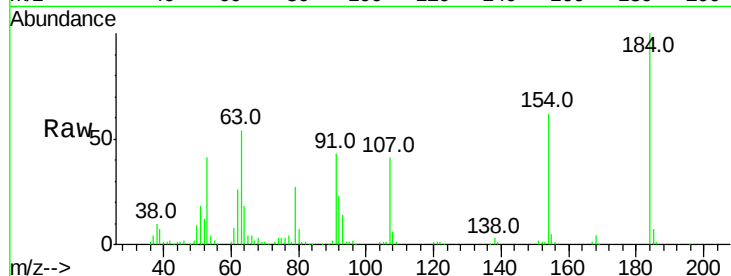
#53
2,4-Dinitrophenol
Concen: 68.350 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	129594		
63	53.9	54.2	81.2#	
154	61.8	53.5	80.3	

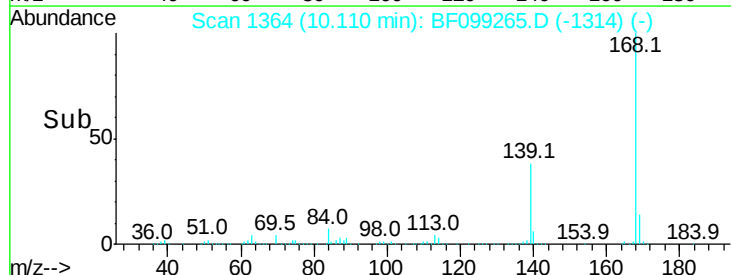
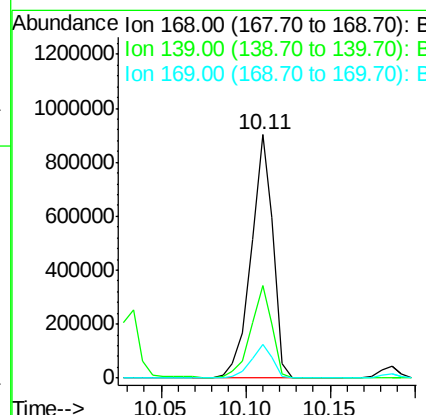
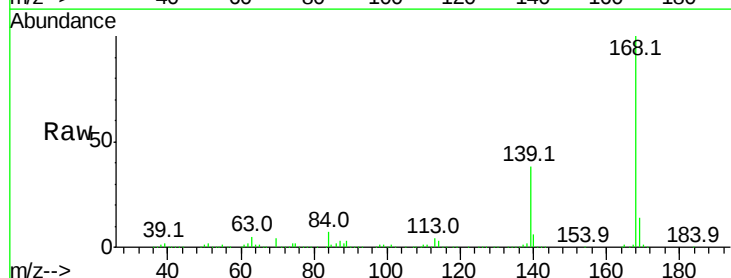
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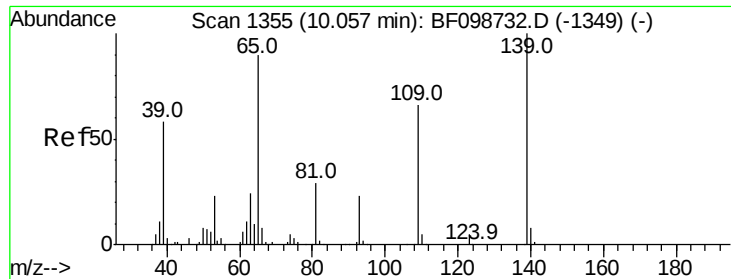
Sohil
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#54
Dibenzofuran
Concen: 43.397 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	812230		
139	38.0	30.1	45.1	
169	13.6	10.9	16.3	





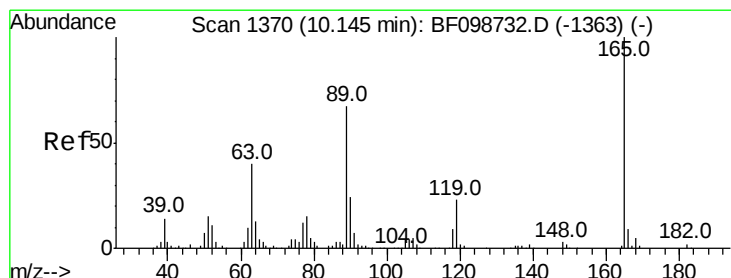
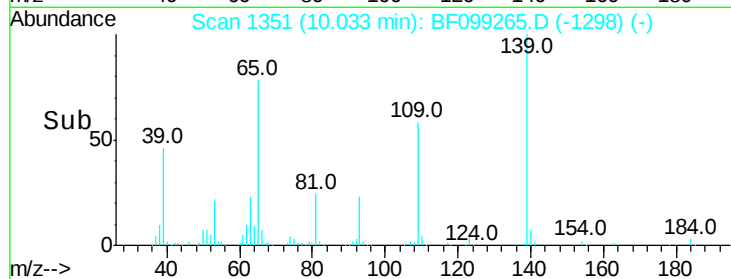
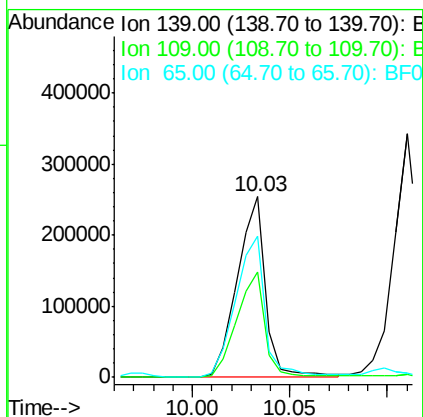
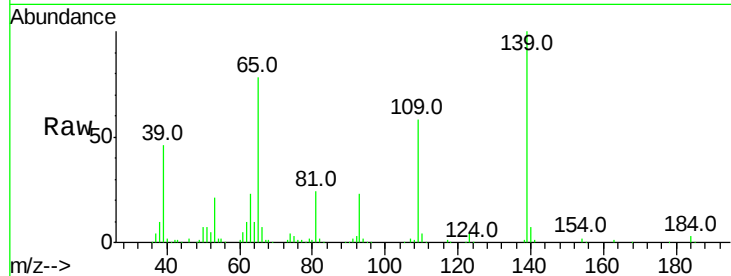
#55
4-Nitrophenol
Concen: 70.546 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.3	48.4	88.4
65	78.4	72.6	112.6

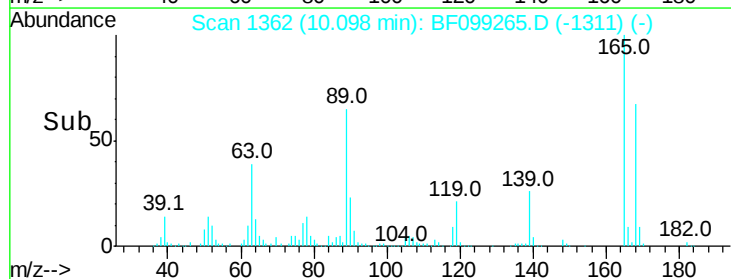
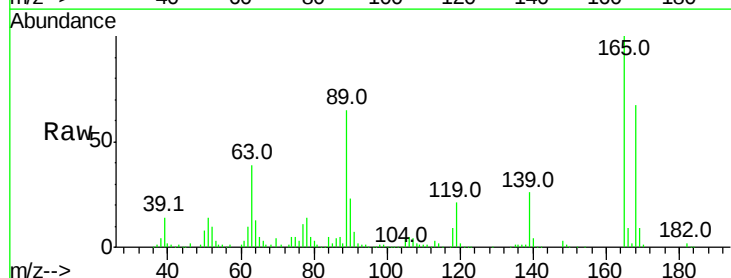
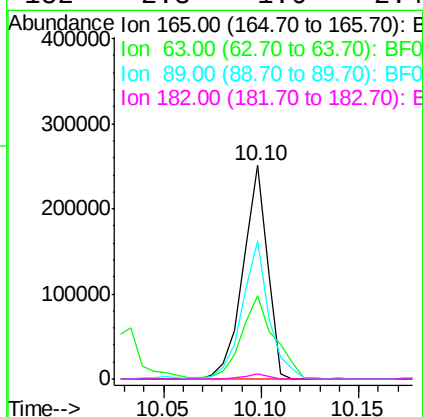
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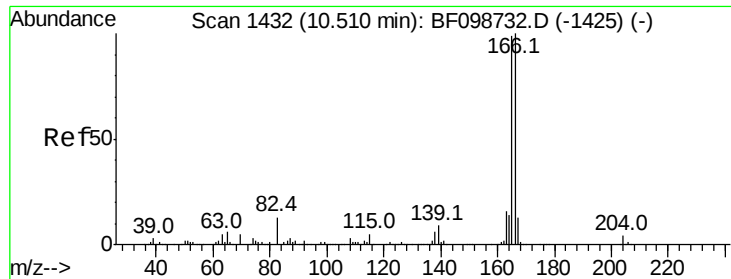
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.282 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	36.4	54.6
89	64.6	57.8	86.6
182	2.3	1.6	2.4





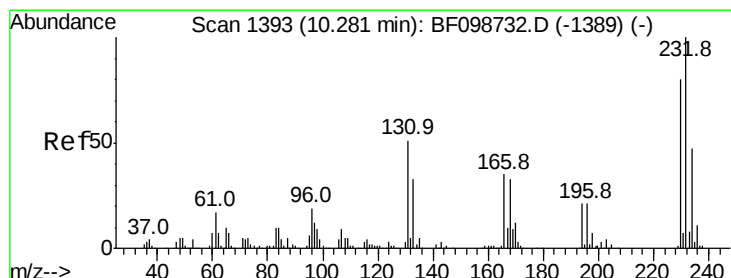
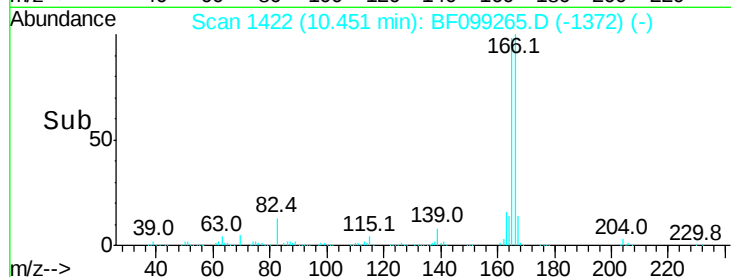
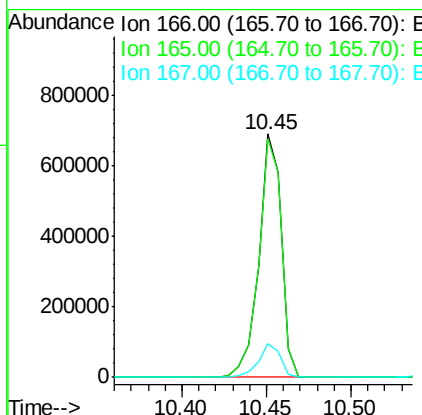
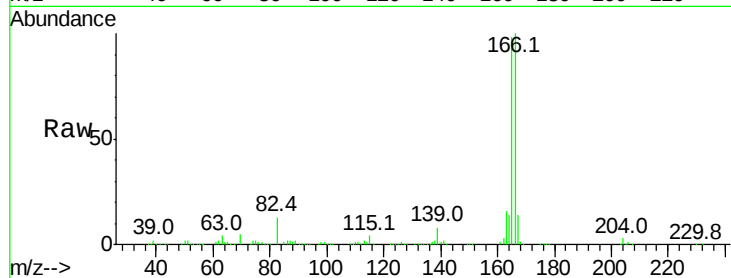
#57
 Fluorene
 Concen: 42.454 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	638655		
165	98.1	79.8	119.8	
167	13.9	10.6	16.0	

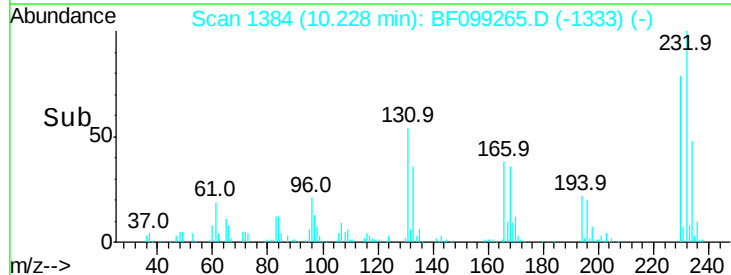
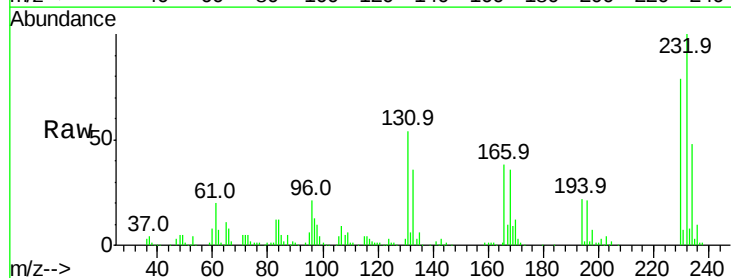
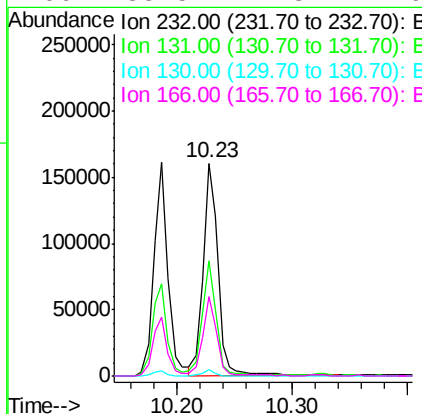
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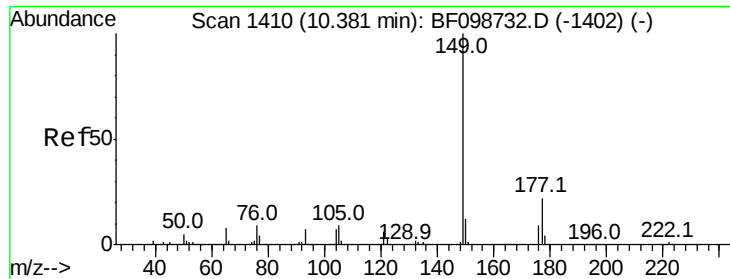
Sohil
 10/10/2017 5:10:35 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.547 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	145799		
131	51.4	43.8	65.8	
130	2.4	2.1	3.1	
166	35.5	27.8	41.6	





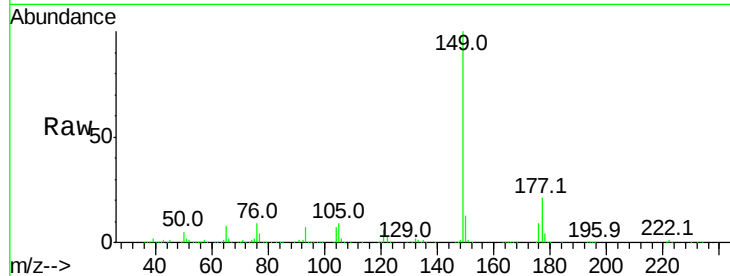
#59
Diethylphthalate
Concen: 40.670 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

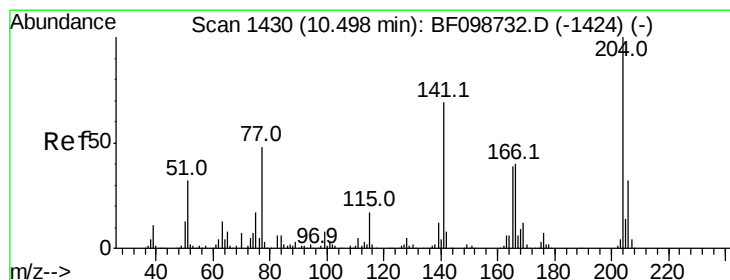
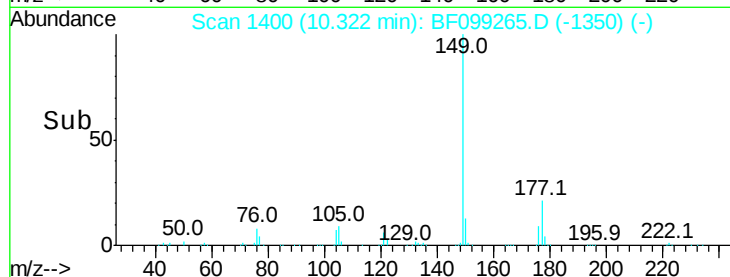
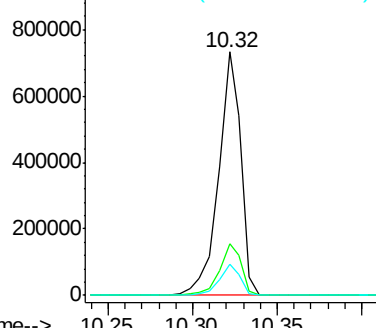
Tot Ion	Ratio	Resp	Lower	Upper
149	100	673812		
177	21.1		16.1	24.1
150	12.7		10.1	15.1

Manual Integrations
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Sohil
10/10/2017 5:10:35 PM

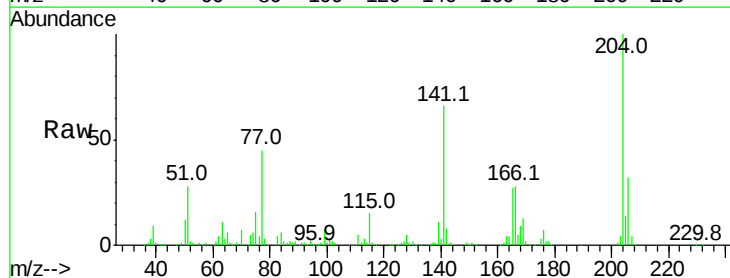


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

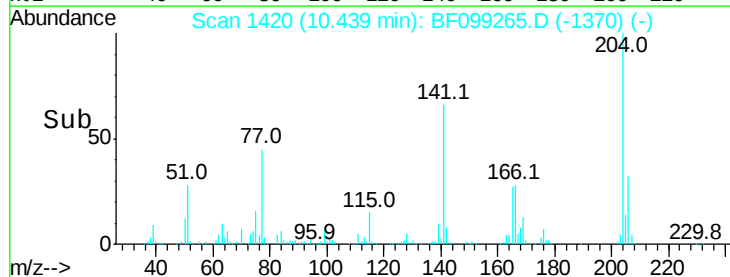
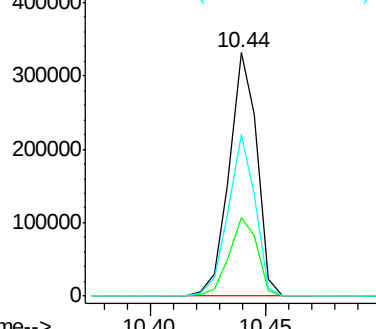


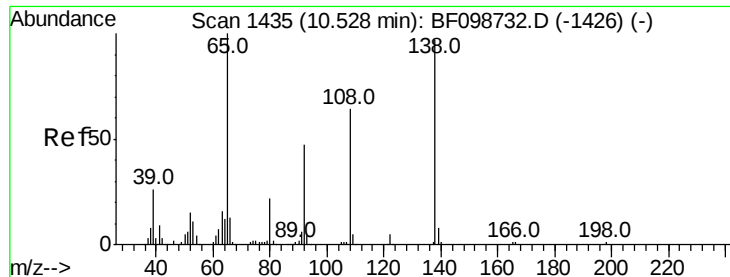
#60
4-Chlorophenyl-phenylether
Concen: 41.346 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279395		
206	32.4		26.5	39.7
141	66.5		54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.646 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:138 Resp: 201995

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

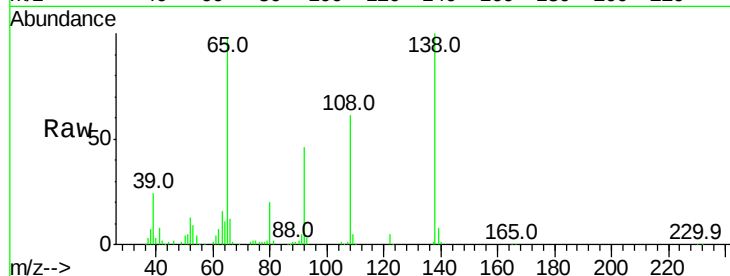
108 61.4 52.5 92.5

Manual Integrations

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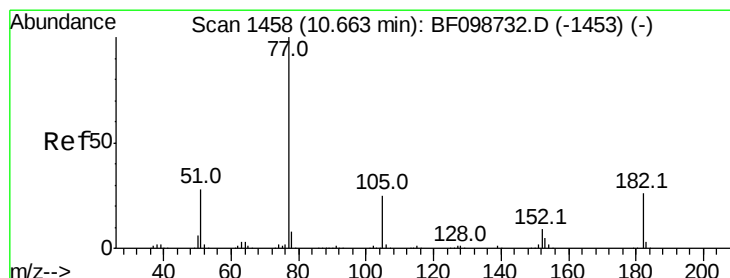
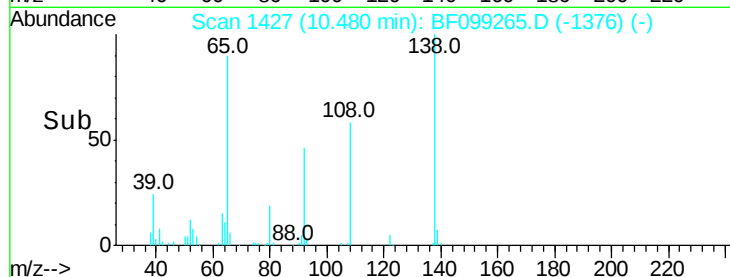
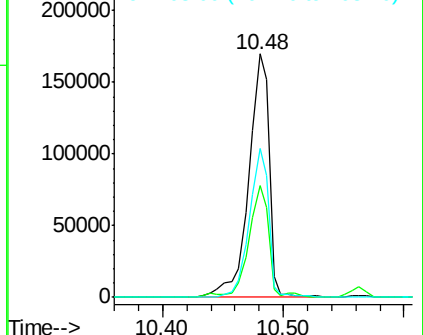
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.004 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion: 77 Resp: 624628

Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 25.2 3.0 43.0

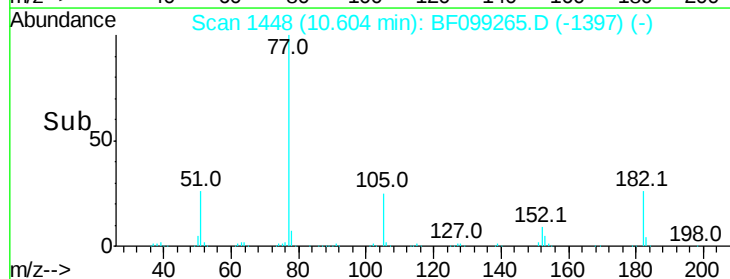
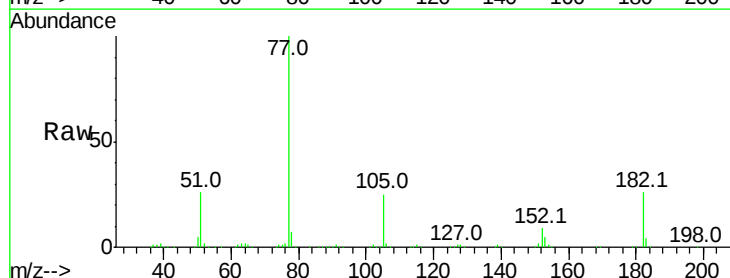
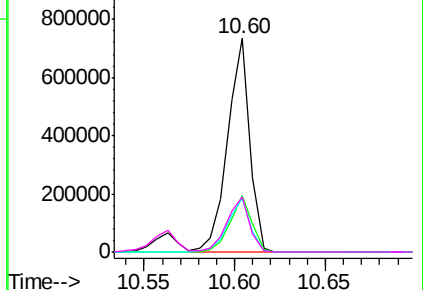
51 26.0 9.9 49.9

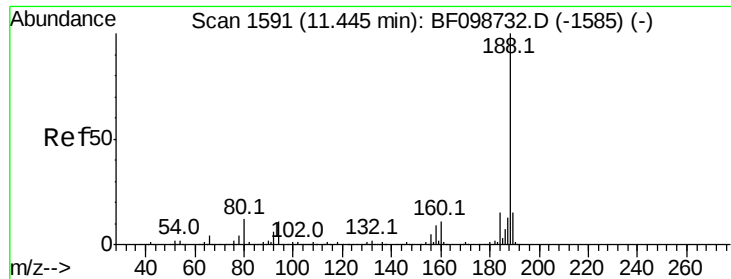
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





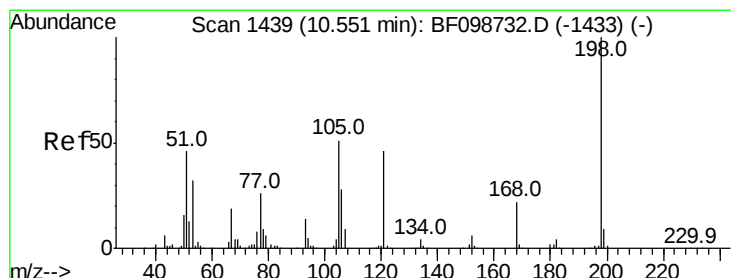
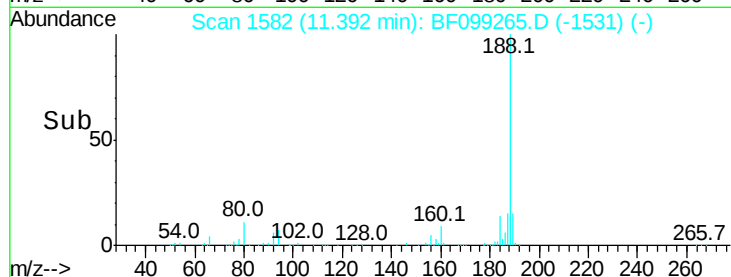
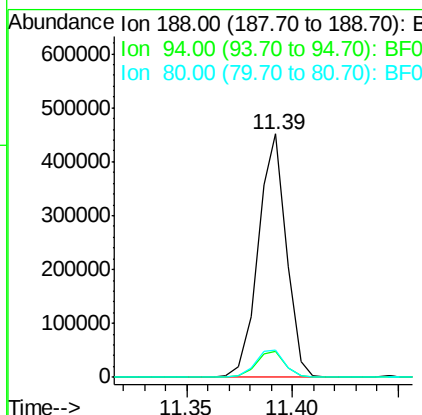
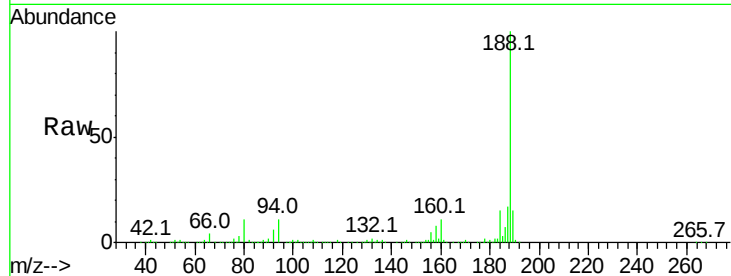
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	8.5	12.7	
80	11.2	9.2	13.8	

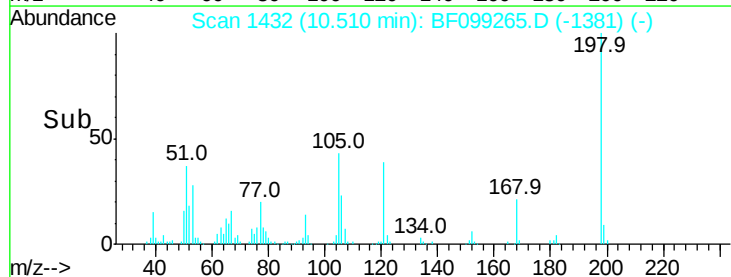
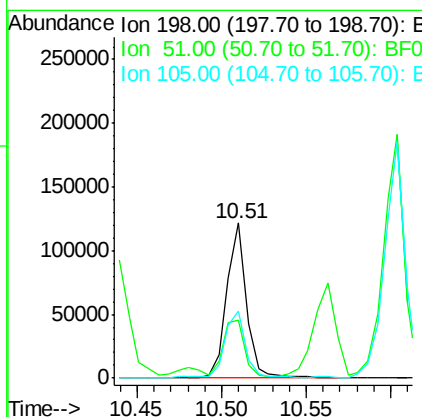
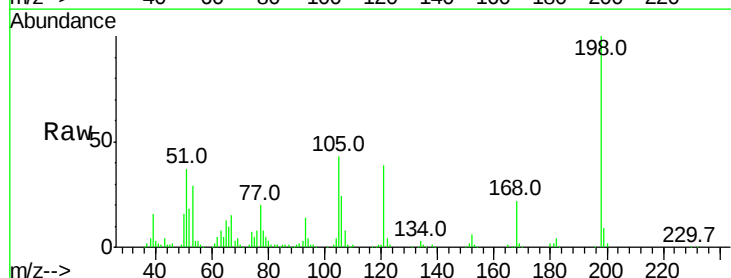
Manual Integrations
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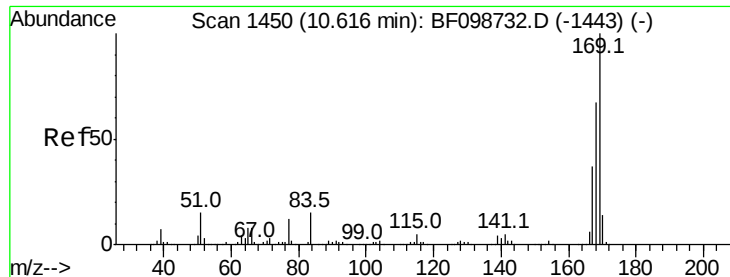
Sohil
10/10/2017 5:10:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.045 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	37.2	37.7	77.7#	
105	43.0	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 40.040 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:169 Resp: 579364

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

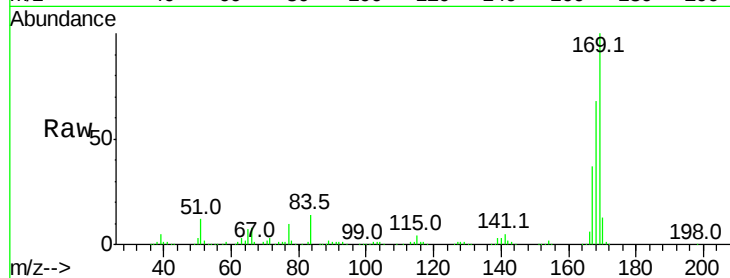
167 36.8 29.8 44.6

Manual Integrations

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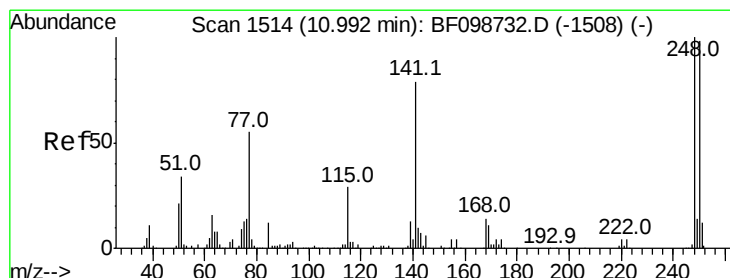
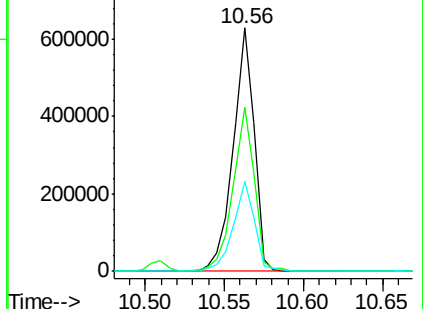
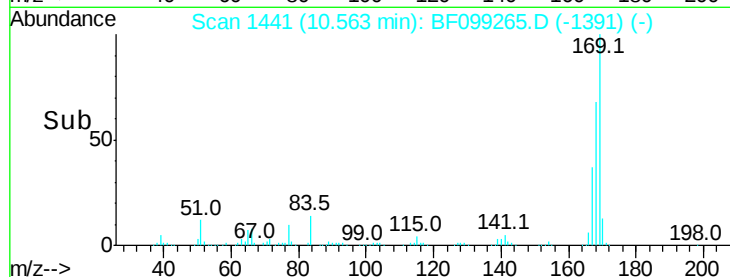
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.576 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

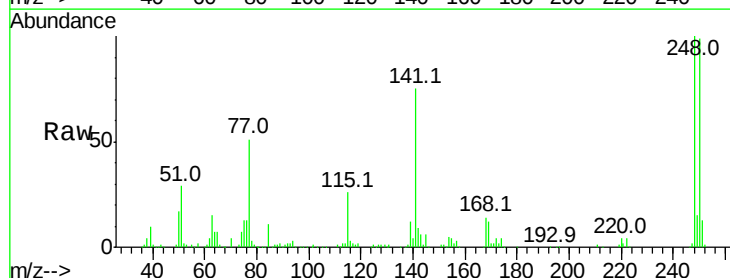
Tgt Ion:248 Resp: 165887

Ion Ratio Lower Upper

248 100

250 98.8 76.9 115.3

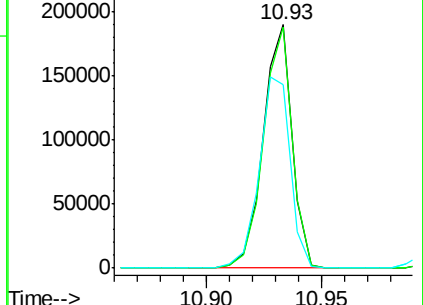
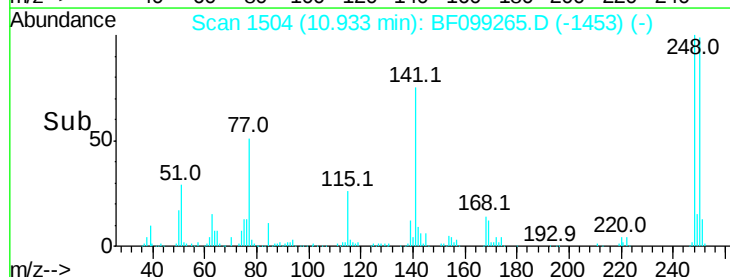
141 75.1 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





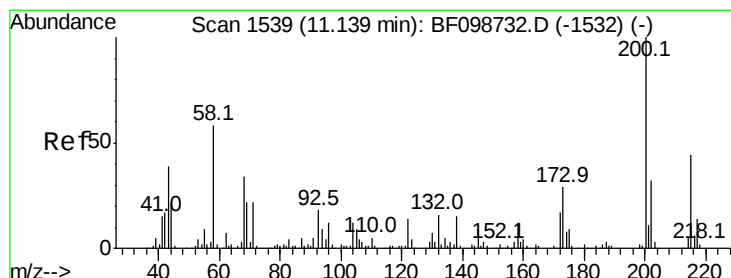
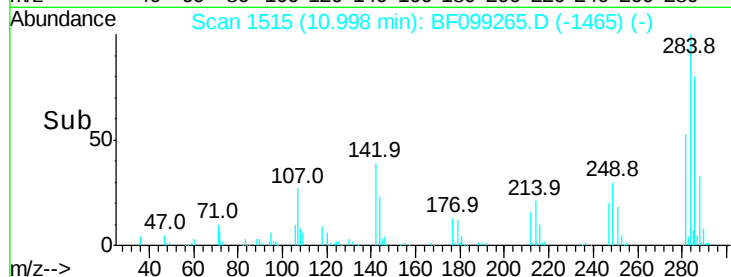
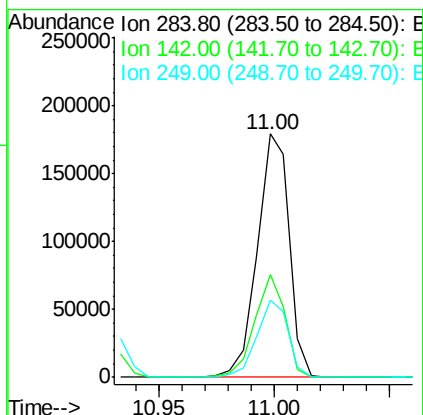
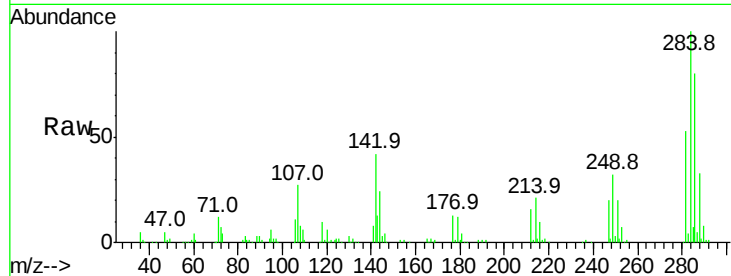
#67
Hexachlorobenzene
Concen: 39.407 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.3	34.6	52.0	
249	31.6	24.8	37.2	

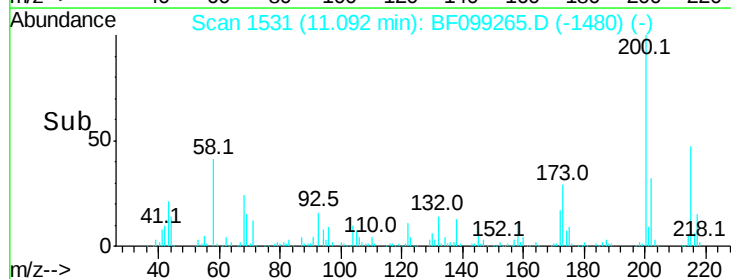
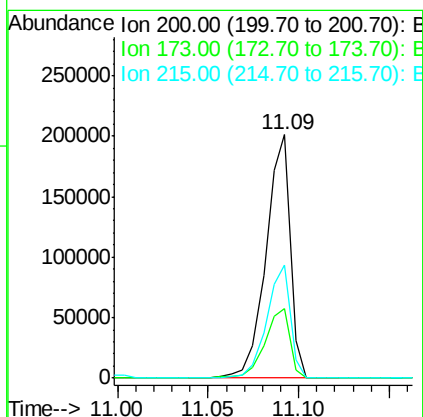
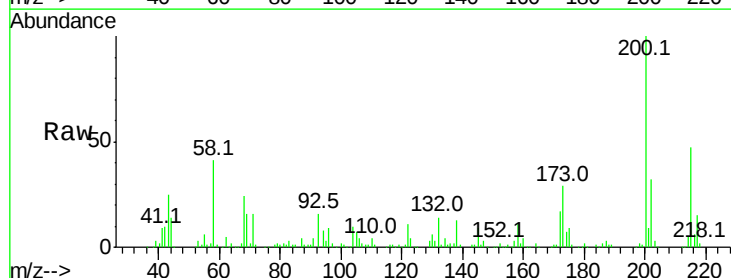
Manual Integrations
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#68
Atrazine
Concen: 42.782 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	8.6	48.6	
215	46.6	25.1	65.1	





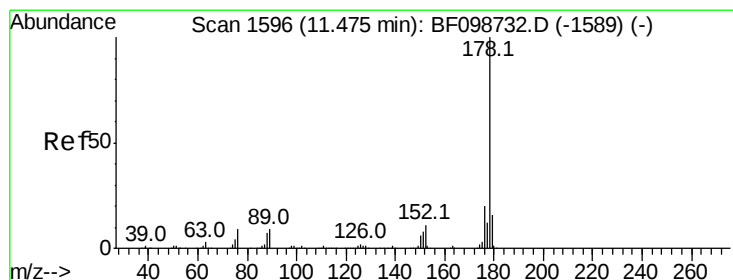
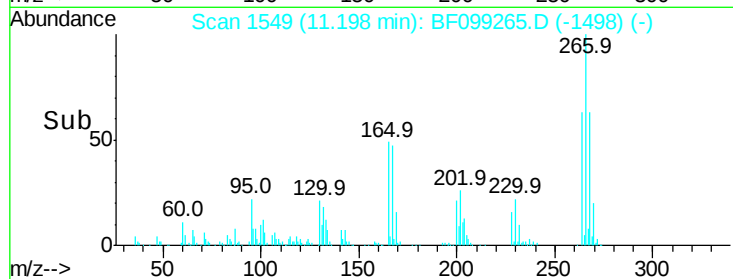
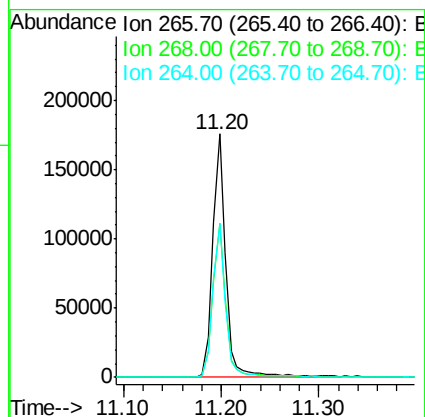
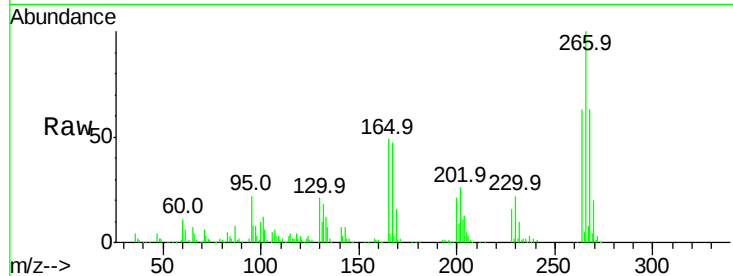
#69
 Pentachlorophenol
 Concen: 61.196 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166303		
268	63.5	51.1	76.7	
264	63.0	49.5	74.3	

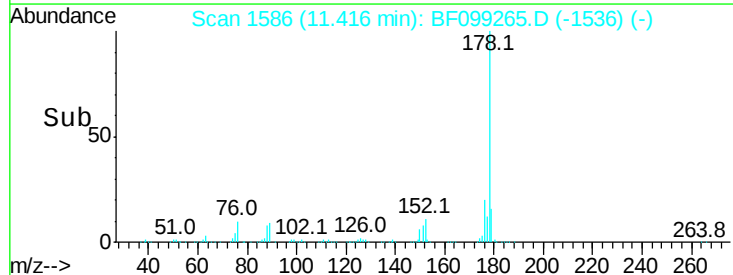
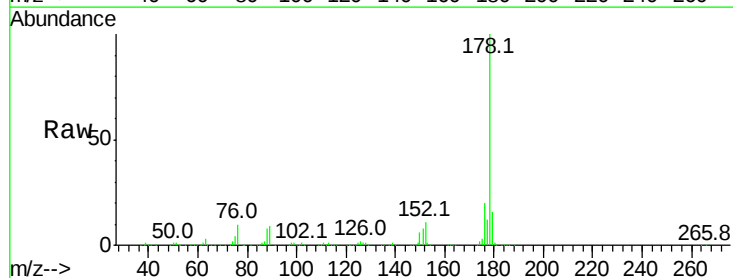
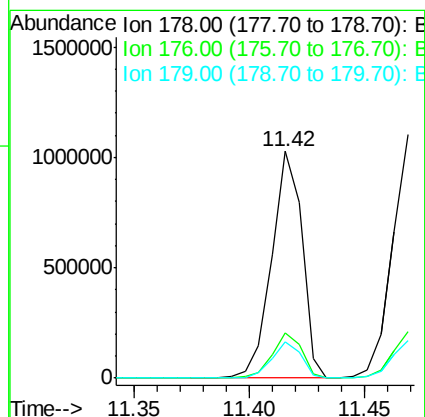
Manual Integrations
 APPROVED

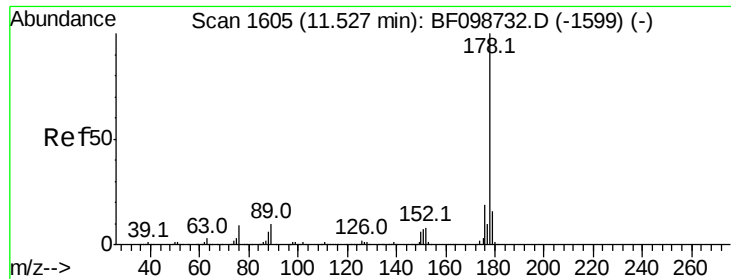
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#70
 Phenanthrene
 Concen: 42.067 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	940501		
176	19.7	15.8	23.8	
179	15.9	13.0	19.6	





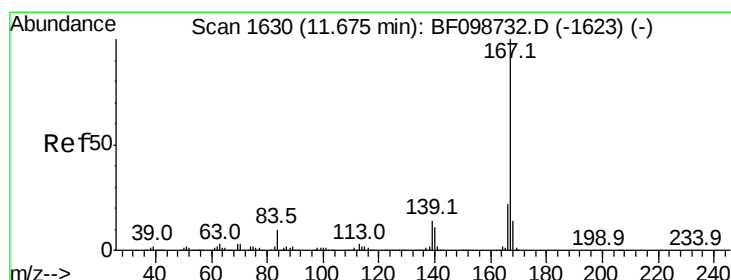
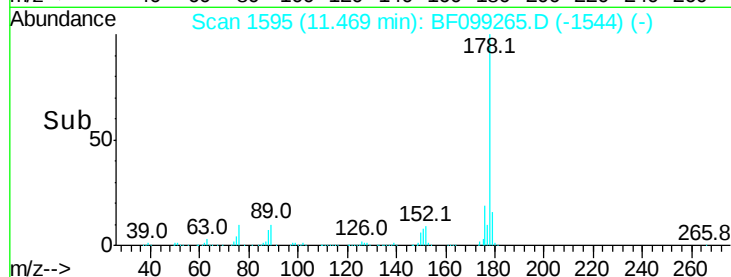
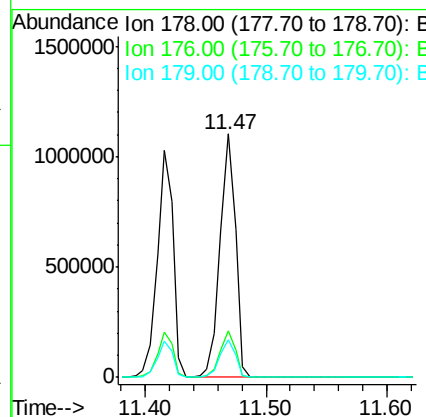
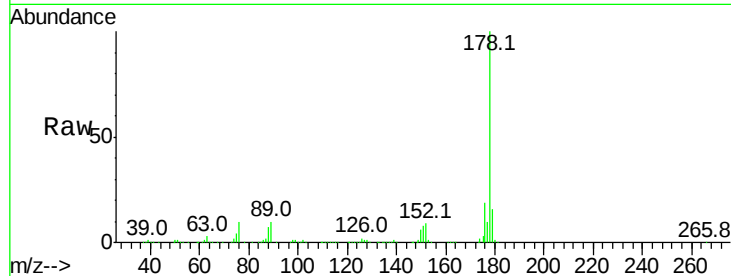
#71
 Anthracene
 Concen: 42.394 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

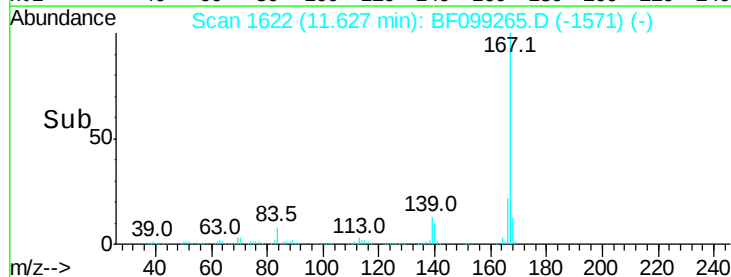
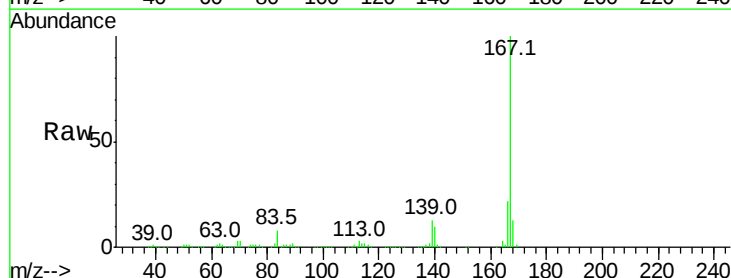
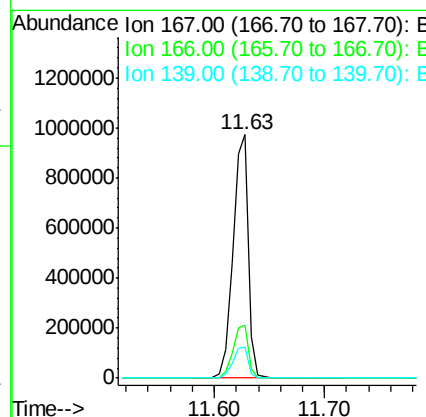
Manual Integrations
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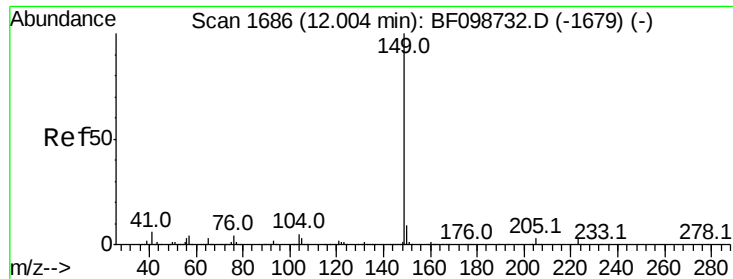
Sohil
 10/10/2017 5:10:35 PM



#72
 Carbazole
 Concen: 41.937 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.172 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:149 Resp: 1056208

Ion Ratio Lower Upper

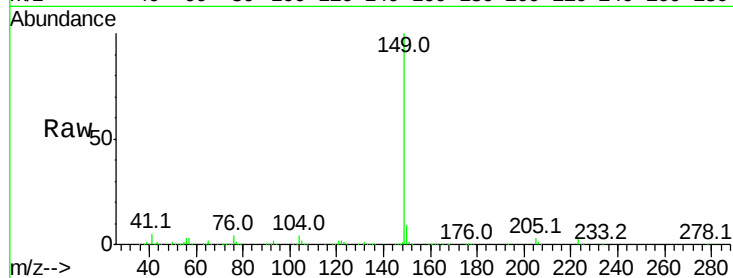
149 100

150 9.2 7.8 11.6

104 4.3 3.8 5.8

Manual Integrations
APPROVED

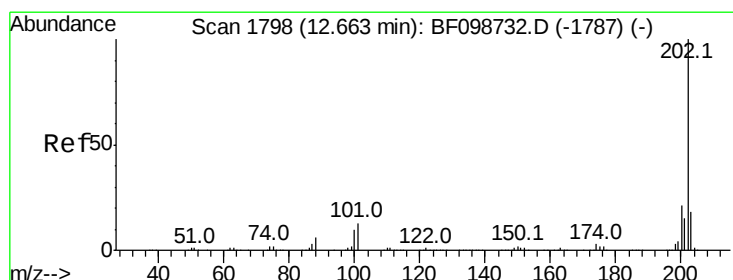
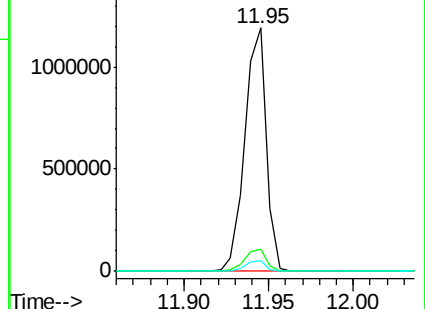
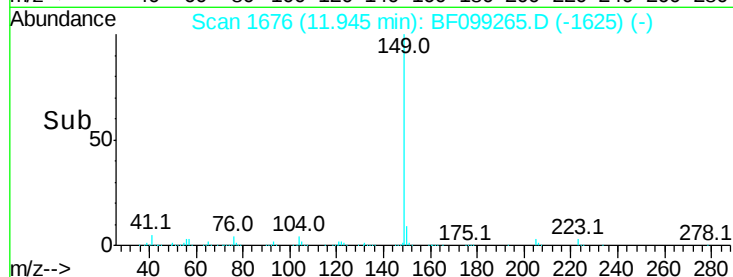
Sohil
10/10/2017 5:10:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.047 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

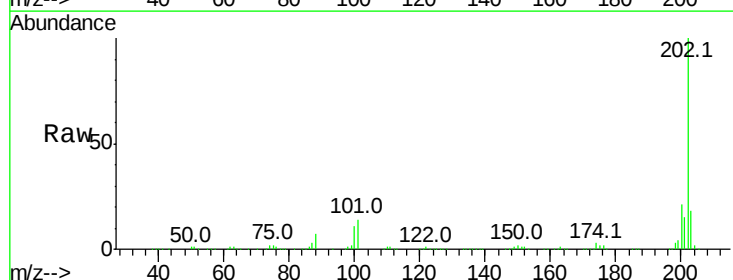
Tgt Ion:202 Resp: 997181

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

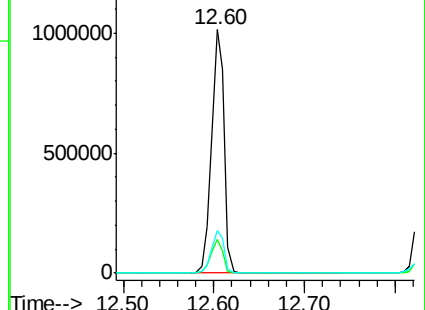
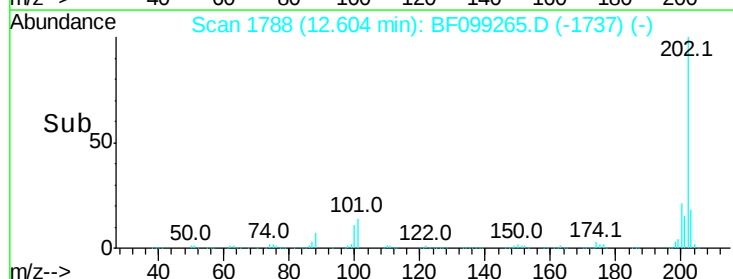
203 17.8 0.0 38.1

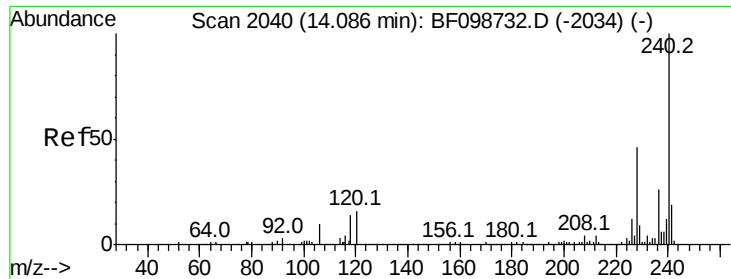


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





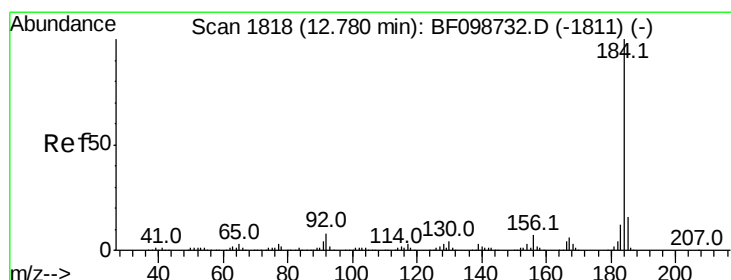
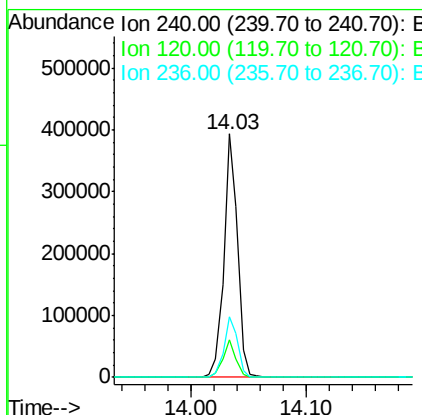
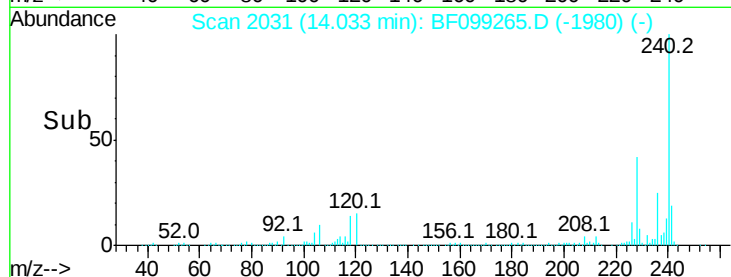
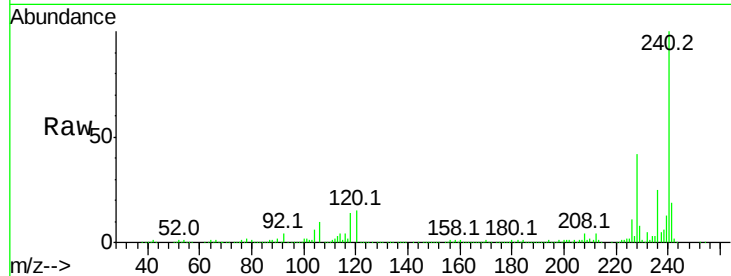
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3
236	25.1	20.7	31.1

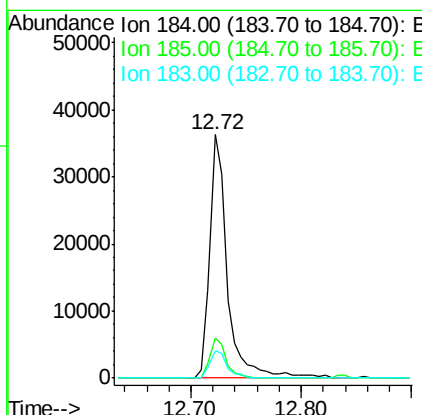
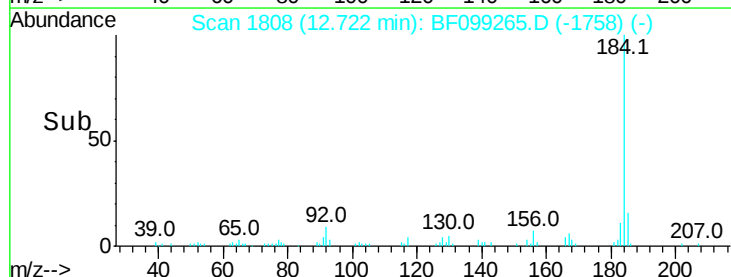
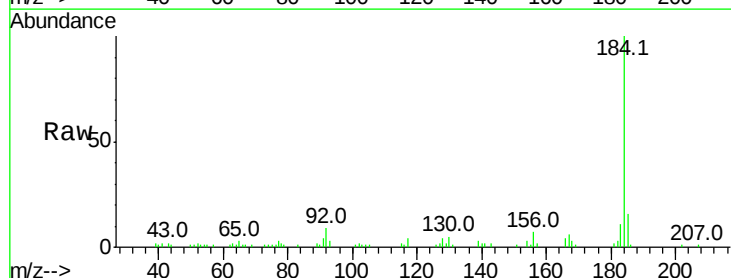
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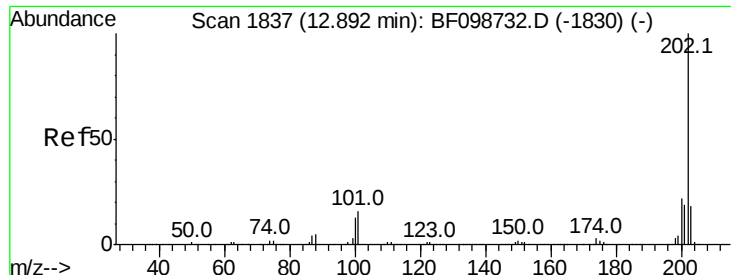
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#76
Benzidine
Concen: 3.303 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	11.4	9.3	13.9





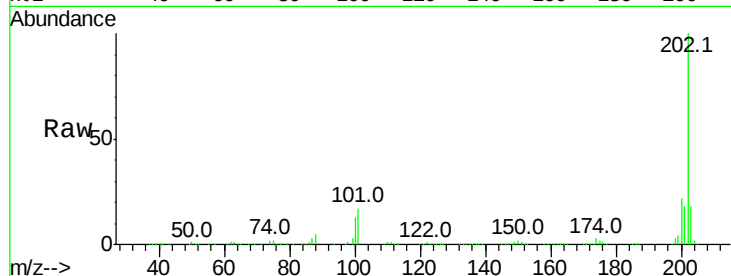
#77
Pvrene
Concen: 41.440 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

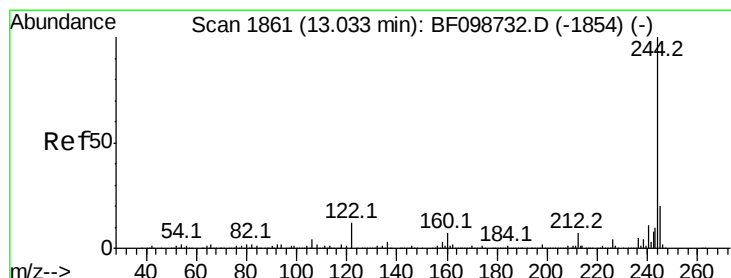
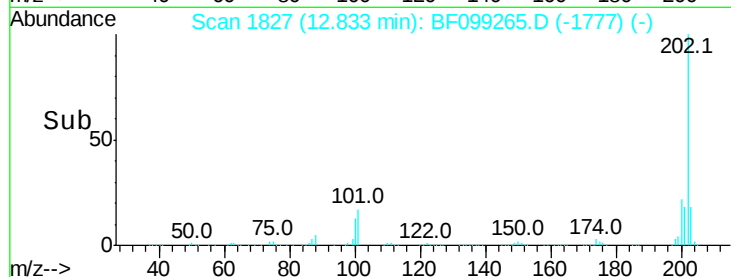
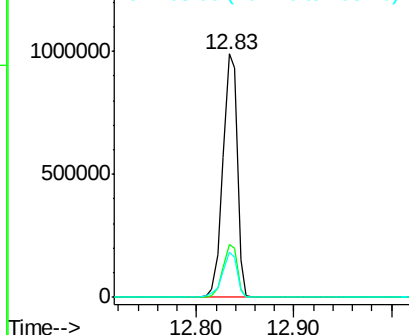
Tot Ion:202 Resp: 1017700
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.4 14.3 21.5

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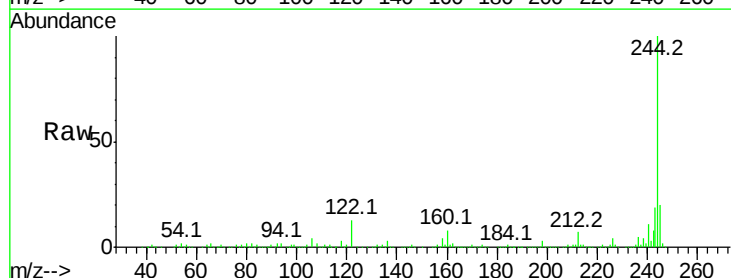


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

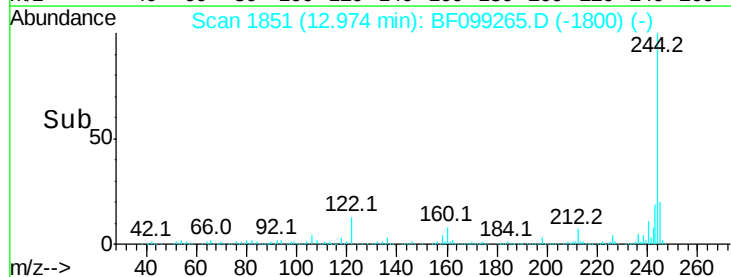
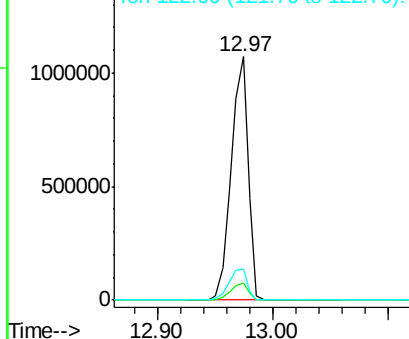


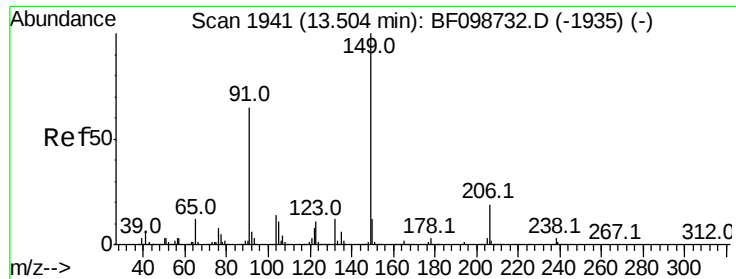
#78
Terphenyl-d14
Concen: 77.029 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:244 Resp: 1090852
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.0 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 39.740 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

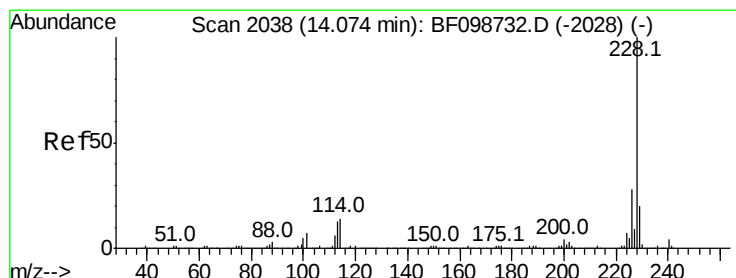
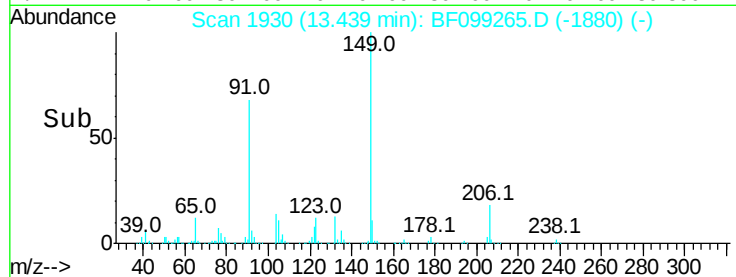
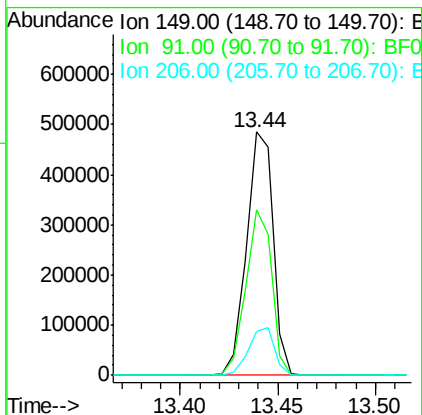
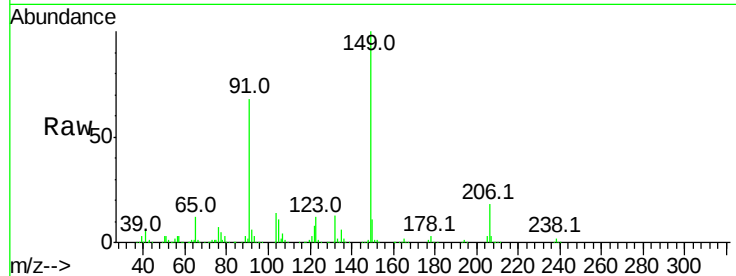
ClientSampleId :

PHOENIX-RAWMSD

Tot Ion:	149	Resp:	458670
Ion Ratio	Lower	Upper	
149	100		
91	68.1	56.8	85.2
206	18.2	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 41.878 ng

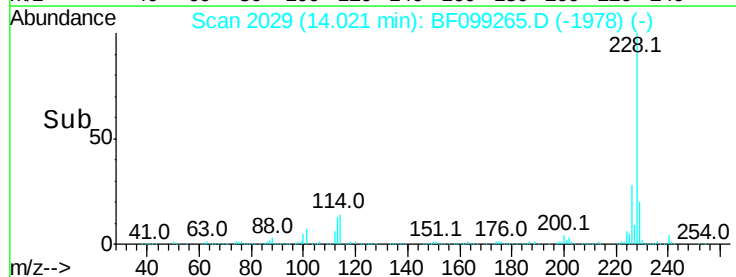
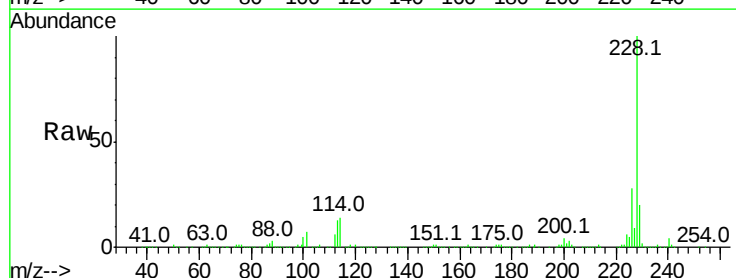
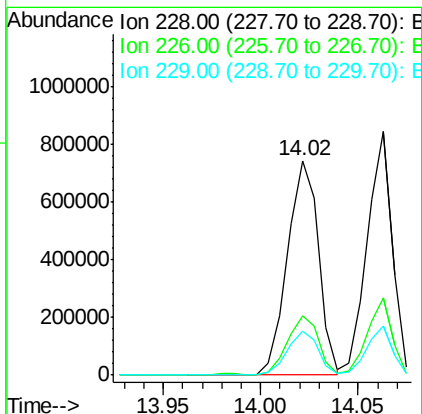
RT: 14.02 min Scan# 2029

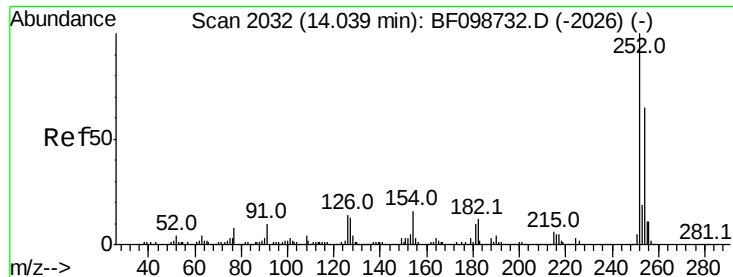
Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:	228	Resp:	816684
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.5	15.8	23.6





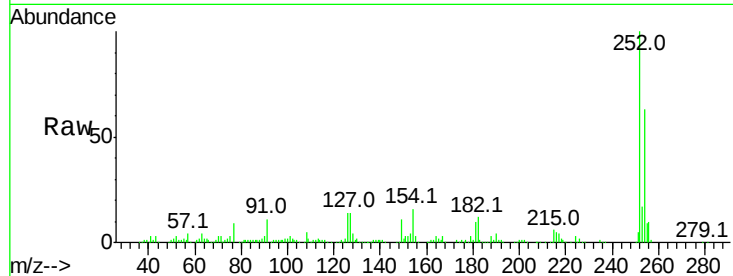
#81
 3,3'-Dichlorobenzidine
 Concen: 35.725 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

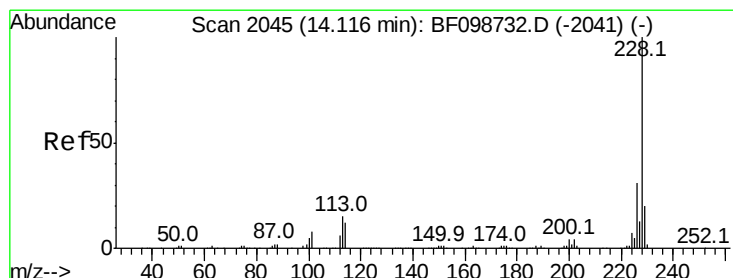
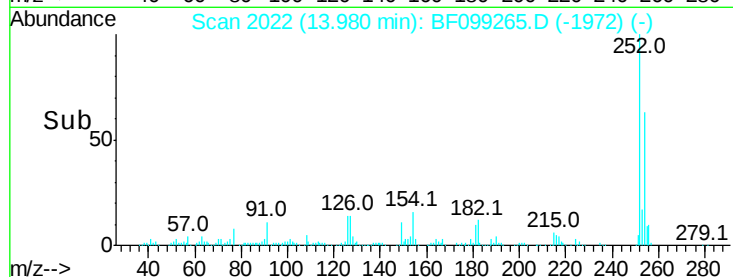
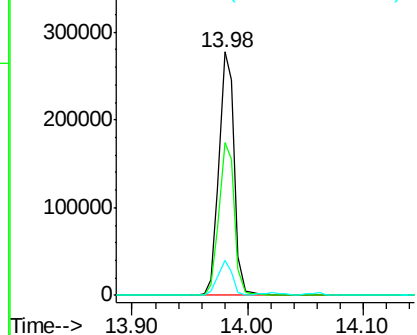
Tot Ion	Ratio	Resp	Lower	Upper
252	100	255399		
254	63.0		50.4	75.6
126	14.4		11.3	16.9

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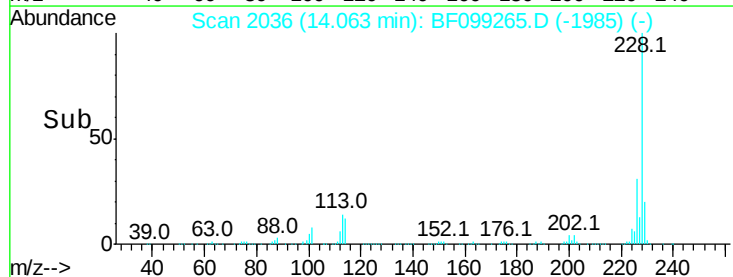
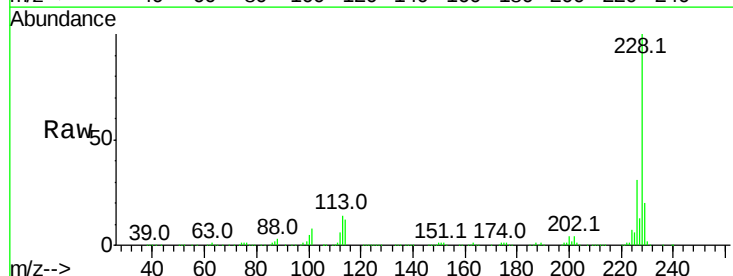
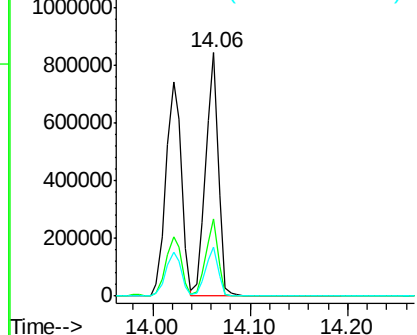
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.878 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	758959		
226	31.5		25.0	37.6
229	19.9		16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





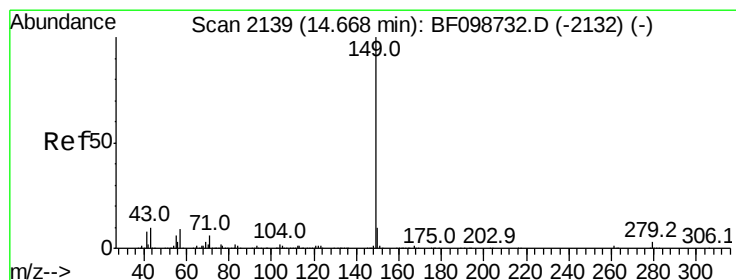
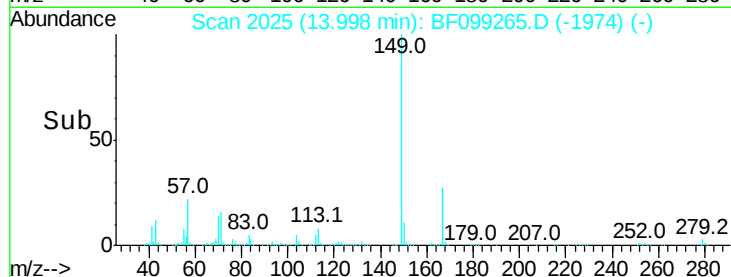
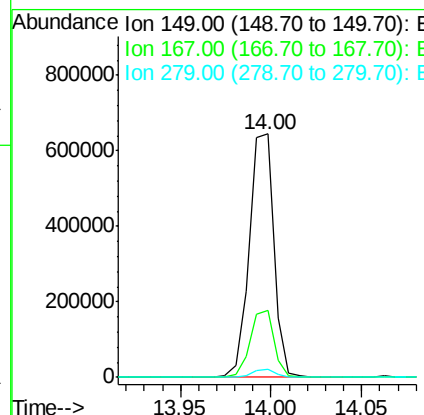
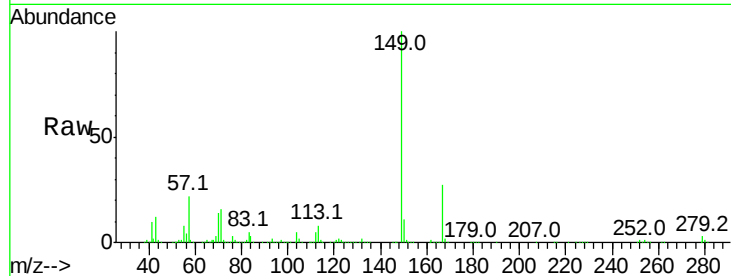
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.229 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.5	3.0	4.4

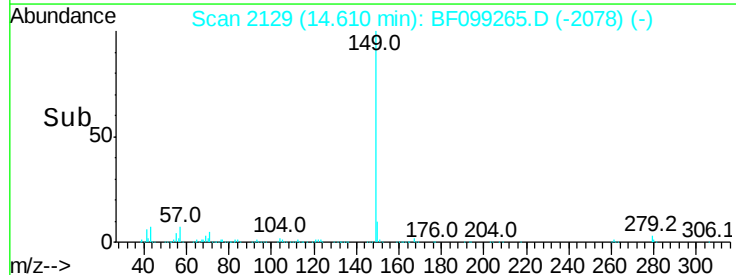
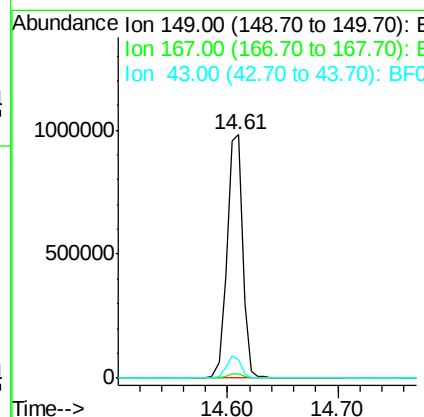
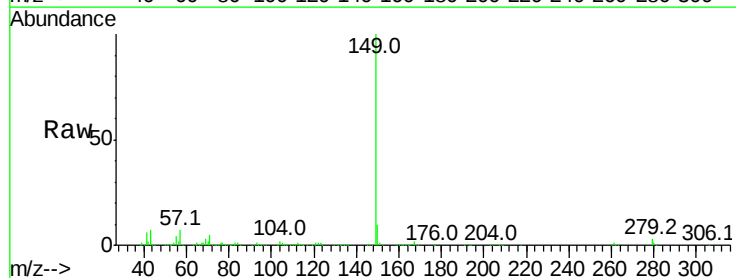
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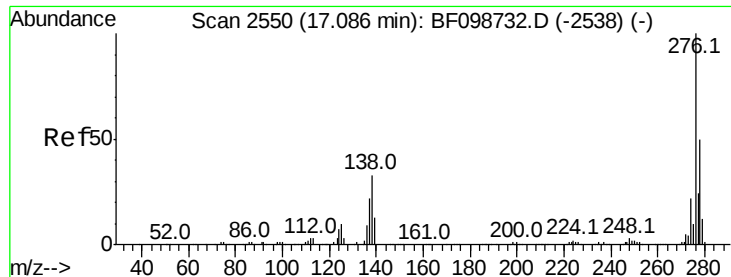
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#84
 Di-n-octyl phthalate
 Concen: 38.232 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	8.4	12.6





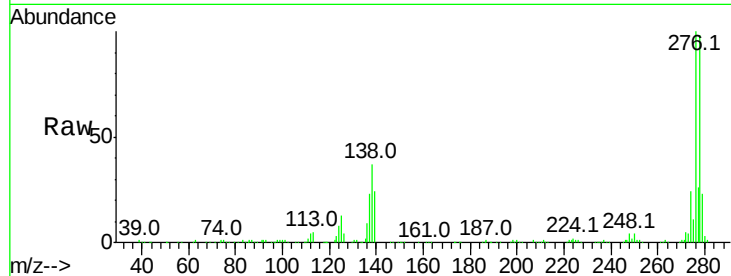
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.227 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

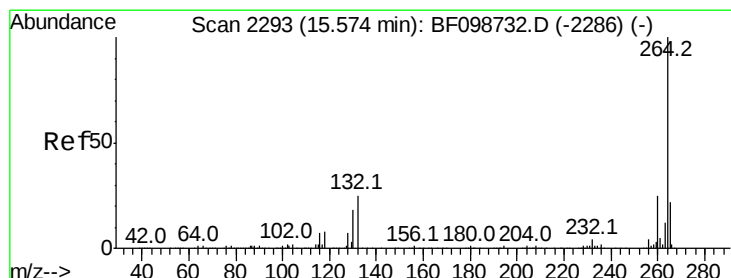
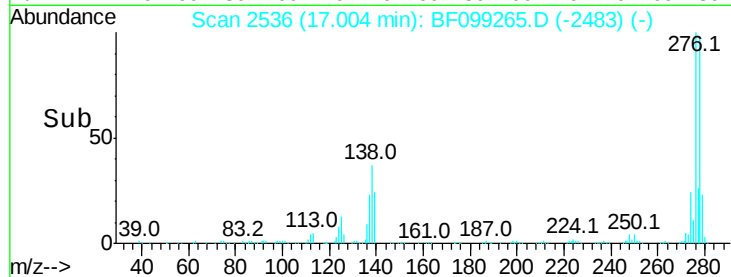
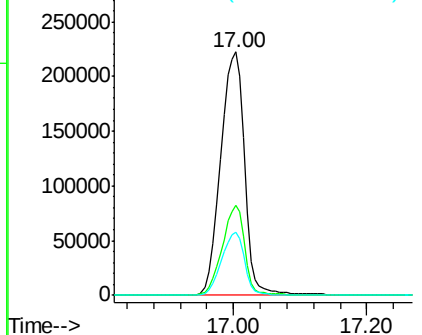
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.0	20.1	30.1

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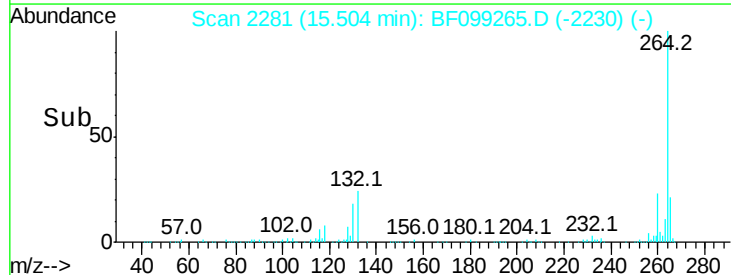
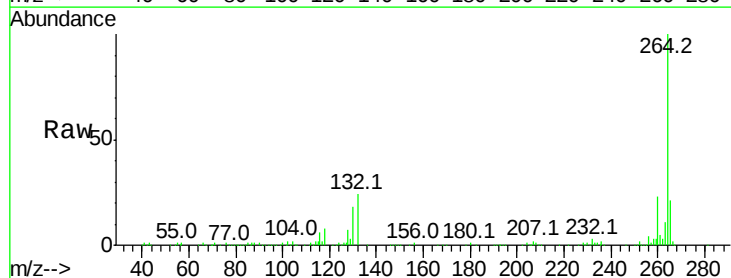
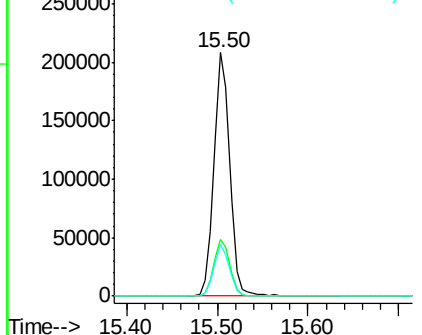
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





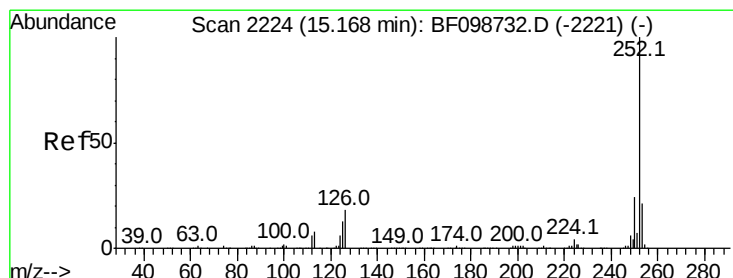
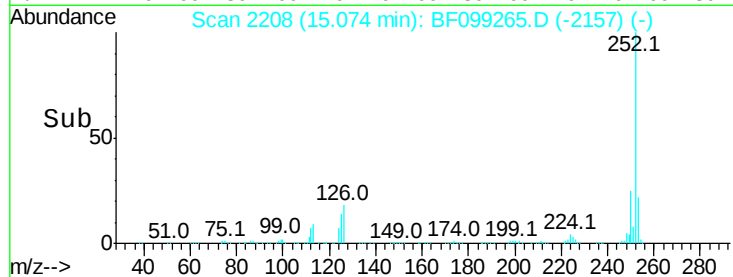
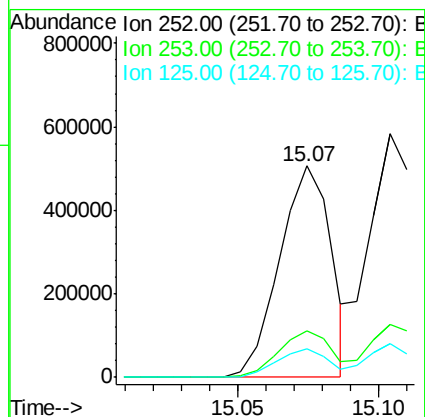
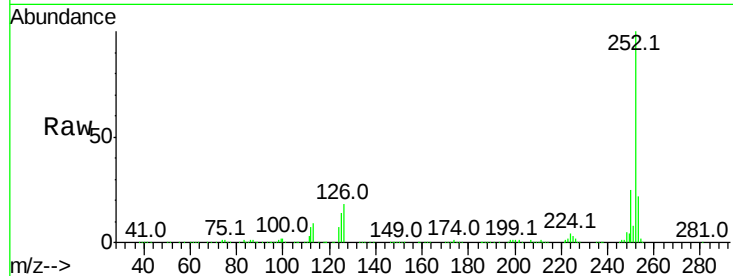
#87
Benzo(b)fluoranthene
Concen: 41.291 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.7	9.0	13.6

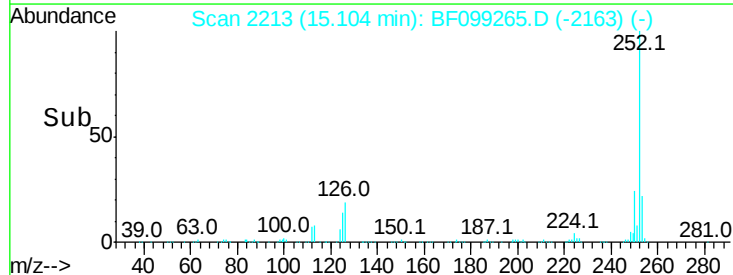
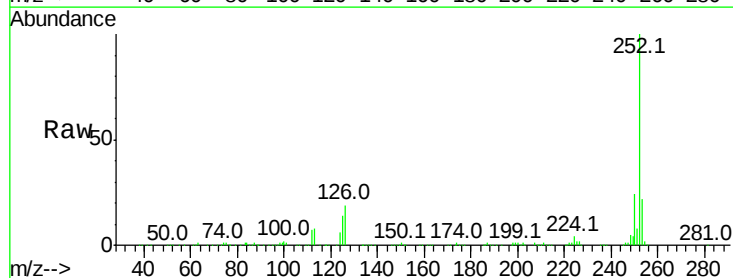
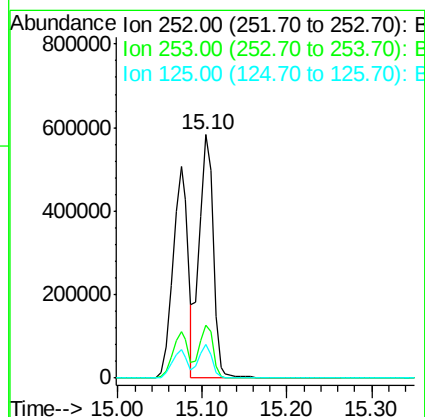
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#88
Benzo(k)fluoranthene
Concen: 43.060 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	13.9	10.2	15.2





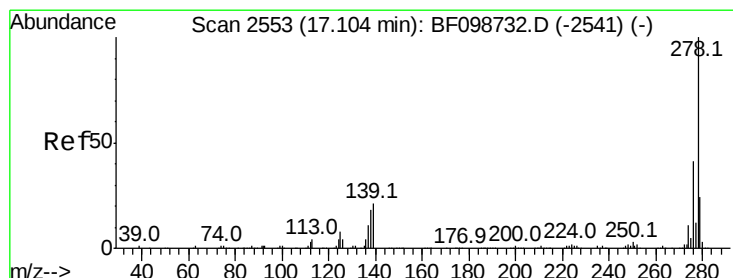
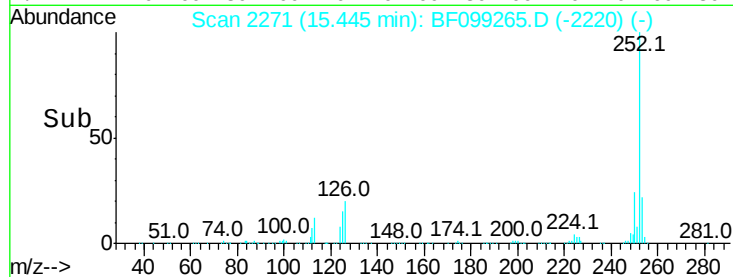
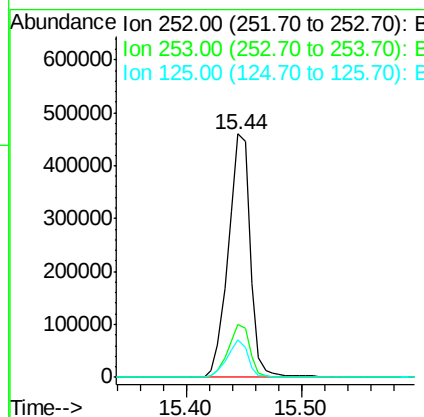
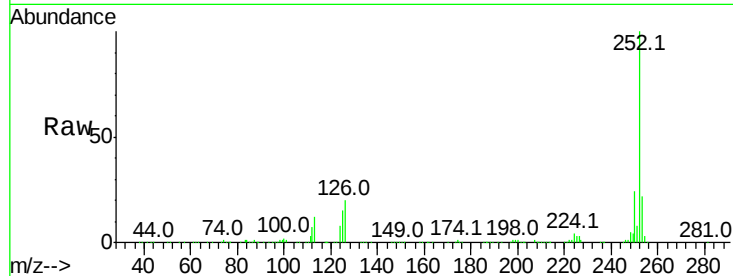
#89
Benzo(a)pyrene
Concen: 42.736 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.2	9.8	14.6

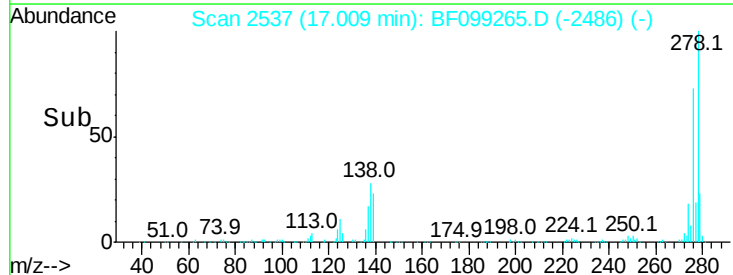
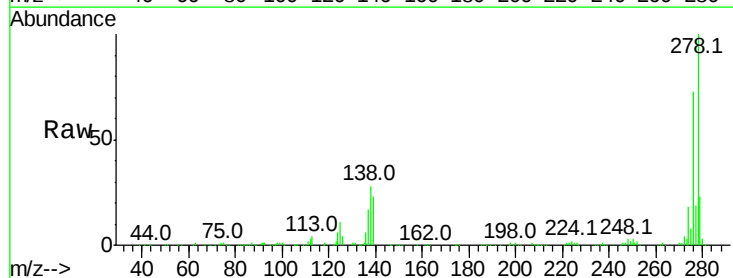
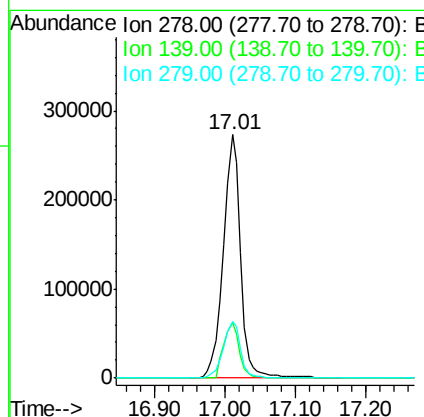
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#90
Dibenzo(a,h)anthracene
Concen: 40.892 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.701 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-RAWMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	30.9	21.8	32.8

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