

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104629.D
 Acq On : 19 Apr 2018 14:18
 Operator : JU/SJ
 Sample : PB108328BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Manual Integrations
 APPROVED

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 4/20/2018 3:05:11 PM

Quant Time: Apr 19 16:25:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133304	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	513558	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	207177	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	306292	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269672	20.00	ng	-0.01
86) Perylene-d12	15.44	264	303207	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	640268	73.44	ng	0.01
7) Phenol-d6	6.45	99	750846	70.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	704008	89.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150398	69.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1139252	86.87	ng	0.00
78) Terphenyl-d14	12.92	244	895356	75.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	140810	34.663	ng	# 89
3) Pyridine	3.32	79	401015	35.111	ng	# 86
4) n-Nitrosodimethylamine	3.29	42	151816	38.026	ng	# 77
6) Aniline	6.46	93	138826	9.328	ng	# 1
8) 2-Chlorophenol	6.59	128	351874	38.240	ng	94
9) Benzaldehyde	6.35	77	217721	40.270	ng	99
10) Phenol	6.46	94	400956	35.278	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	336173	37.065	ng	96
12) 1,3-Dichlorobenzene	6.75	146	384984	36.931	ng	99
13) 1,4-Dichlorobenzene	6.82	146	386916	37.234	ng	99
14) 1,2-Dichlorobenzene	6.97	146	358736	37.253	ng	99
15) Benzyl Alcohol	6.95	79	269699	33.150	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	427200	35.073	ng	84
17) 2-Methylphenol	7.06	107	277232	34.660	ng	95
18) Hexachloroethane	7.32	117	142021	38.333	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230876	32.984	ng	92
20) 3+4-Methylphenols	7.22	107	337097	33.981	ng	# 88
22) Acetophenone	7.22	105	468382	37.045	ng	98
24) Nitrobenzene	7.39	77	357596	41.182	ng	94
25) Isophorone	7.63	82	639680	38.462	ng	98
26) 2-Nitrophenol	7.70	139	185732	52.541	ng	97
27) 2,4-Dimethylphenol	7.75	122	282700	38.515	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	409261	40.248	ng	99
29) 2,4-Dichlorophenol	7.95	162	260500	37.196	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	297991	38.771	ng	99
31) Naphthalene	8.11	128	971686	37.997	ng	99
32) Benzoic acid	7.86	122	150318m	25.667	ng	
33) 4-Chloroaniline	8.16	127	52649	4.806	ng	96
34) Hexachlorobutadiene	8.22	225	161895	38.456	ng	99
35) Caprolactam	8.53	113	83342	34.113	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	243745	32.458	ng	98
37) 2-Methylnaphthalene	8.80	142	619987	37.481	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262476	44.258	ng	99
40) Hexachlorocyclopentadiene	8.95	237	218060	65.678	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	163207	39.643	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	161087	34.966	nq	97
45) 1,1'-Biphenyl	9.26	154	700646	40.257	nq	100
46) 2-Chloronaphthalene	9.29	162	552165	40.166	nq	98
47) 2-Nitroaniline	9.39	65	141794	41.708	nq	90
48) Acenaphthylene	9.70	152	799989	37.090	nq	100
49) Dimethylphthalate	9.56	163	603966	36.968	nq	100
50) 2,6-Dinitrotoluene	9.63	165	133064	44.016	nq #	84
51) Acenaphthene	9.87	154	473307	35.966	nq	99
52) 3-Nitroaniline	9.80	138	52767	14.910	nq	96
53) 2,4-Dinitrophenol	9.91	184	51473	50.570	nq #	19
54) Dibenzofuran	10.05	168	688565	37.545	nq	99
55) 4-Nitrophenol	9.97	139	184406	66.331	nq	96
56) 2,4-Dinitrotoluene	10.03	165	165509	41.738	nq	96
57) Fluorene	10.39	166	513221	38.446	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121645	35.393	nq	95
59) Diethylphthalate	10.26	149	559724	34.400	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	238267	40.079	nq	95
61) 4-Nitroaniline	10.41	138	101817	29.423	nq	98
62) Azobenzene	10.55	77	535343	34.438	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	44910	32.845	nq	92
65) n-Nitrosodiphenylamine	10.50	169	437074	41.156	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	140089	42.999	nq	90
67) Hexachlorobenzene	10.94	284	164184	44.787	nq #	89
68) Atrazine	11.03	200	127790	39.865	nq	98
69) Pentachlorophenol	11.14	266	135909	59.927	nq	96
70) Phenanthrene	11.36	178	684014	40.101	nq	99
71) Anthracene	11.41	178	703560	40.577	nq	98
72) Carbazole	11.56	167	609513	35.974	nq	100
73) Di-n-butylphthalate	11.89	149	768211	37.117	nq	98
74) Fluoranthene	12.55	202	680619	38.191	nq	97
76) Benzidine	12.67	184	230901	21.607	nq	98
77) Pyrene	12.77	202	691116	34.575	nq	99
79) Butylbenzylphthalate	13.39	149	339909	36.095	nq	99
80) Benzo(a)anthracene	13.97	228	678924	42.142	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	170317	28.354	nq	99
82) Chrysene	14.00	228	644103	38.923	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	466437	38.508	nq	100
84) Di-n-octyl phthalate	14.57	149	845974	41.798	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	740225	52.658	nq	98
87) Benzo(b)fluoranthene	15.02	252	708084	36.976	nq	98
88) Benzo(k)fluoranthene	15.04	252	696733	38.538	nq	100
89) Benzo(a)pyrene	15.38	252	702781	41.016	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	605385	43.019	nq	98
91) Benzo(g,h,i)perylene	17.33	276	601078	44.087	nq	97

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

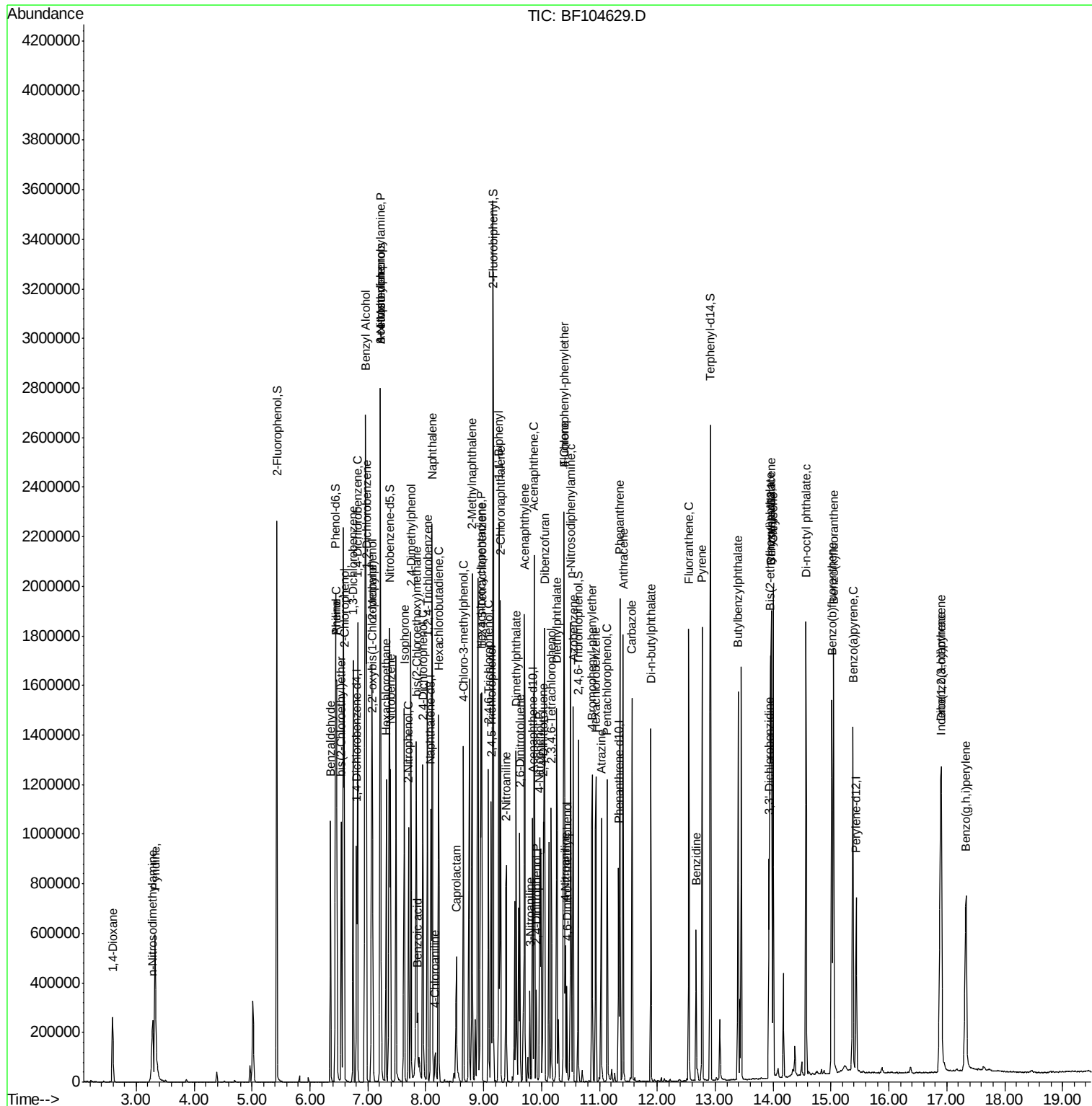
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#1

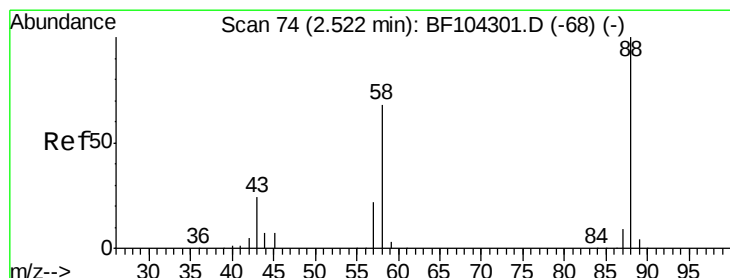
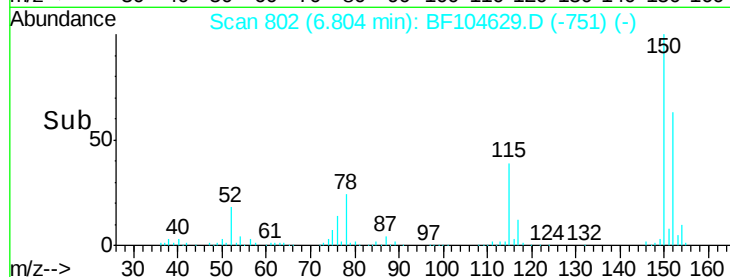
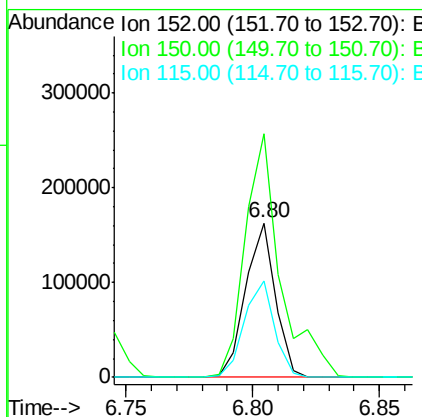
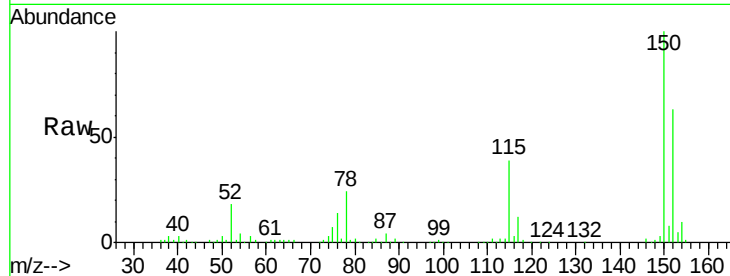
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.2	50.1	75.1

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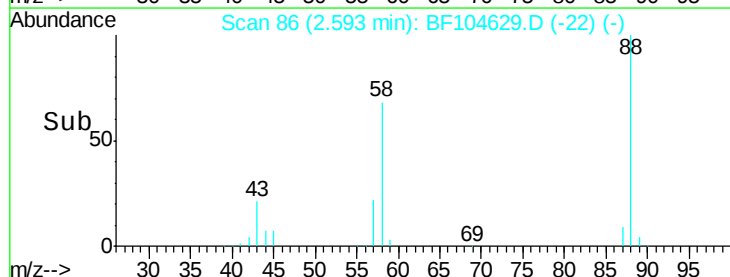
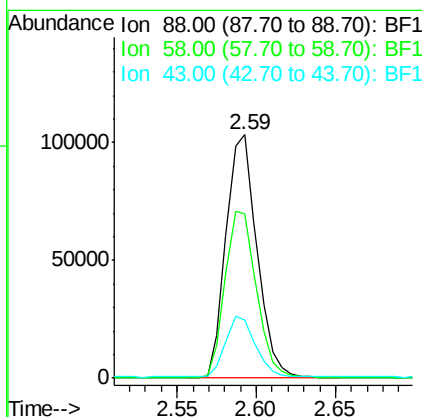
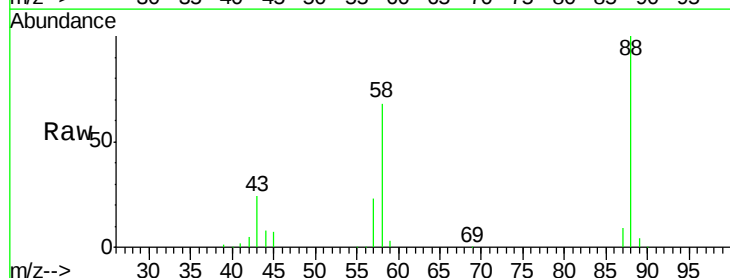
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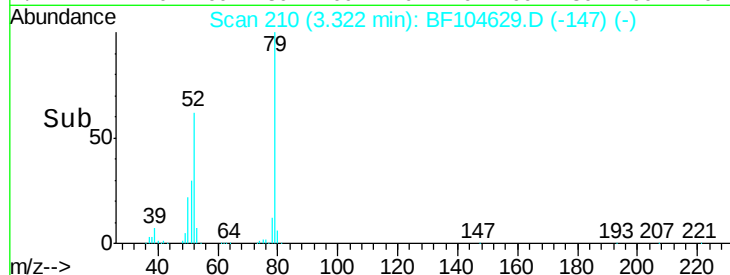
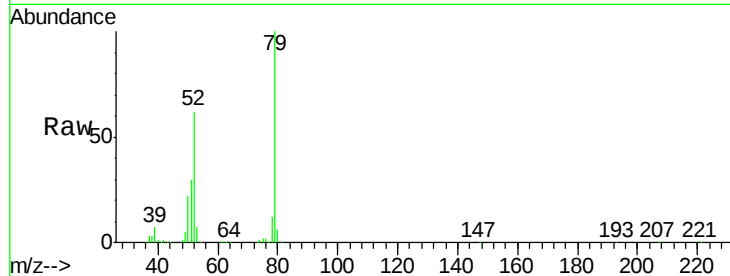
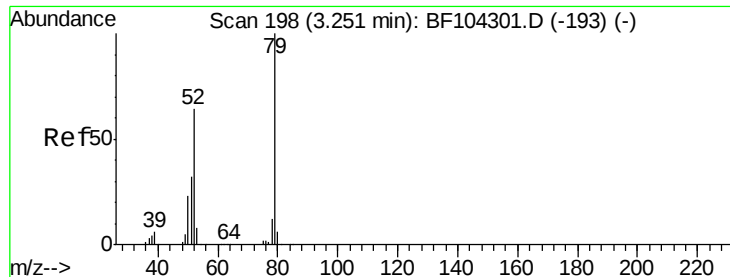


#2

1,4-Dioxane
Concen: 34.663 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	62.6	93.8
43	24.0	24.6	37.0





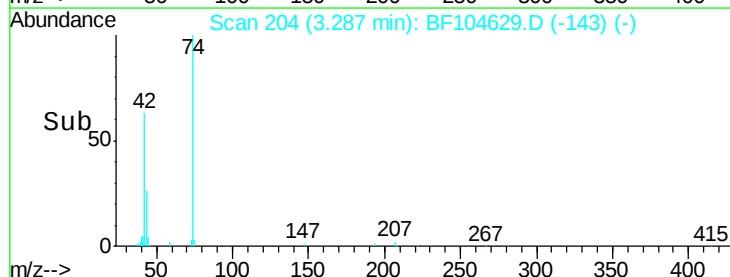
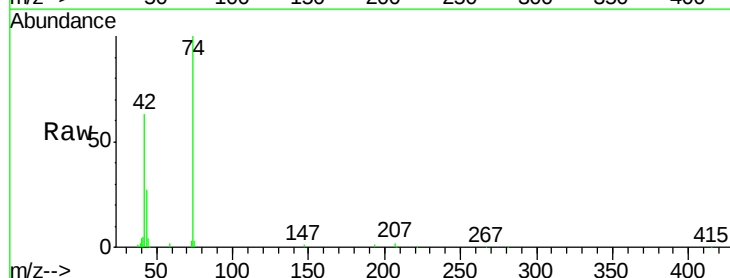
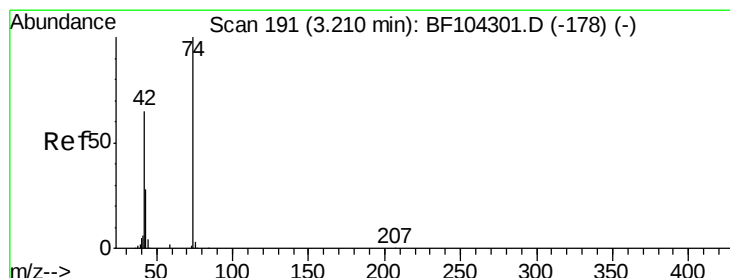
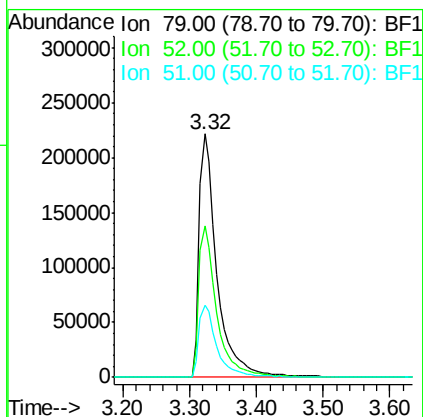
#3
 Pvridine
 Concen: 35.111 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.07 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	62.2	59.8	89.6	
51	29.6	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

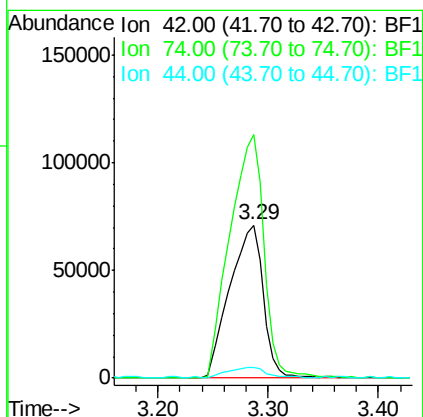
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#4
 n-Nitrosodimethylamine
 Concen: 38.026 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	159.1	104.9	157.3	
44	7.1	6.9	10.3	





#5

2-Fluorophenol

Concen: 73.442 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

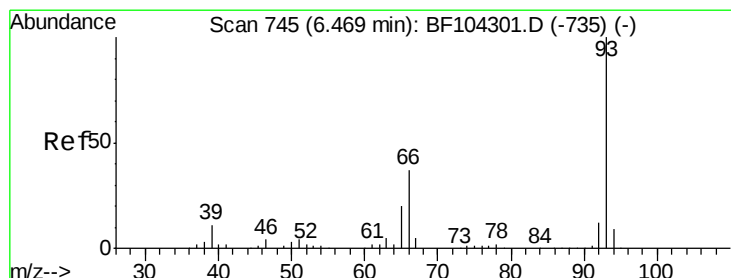
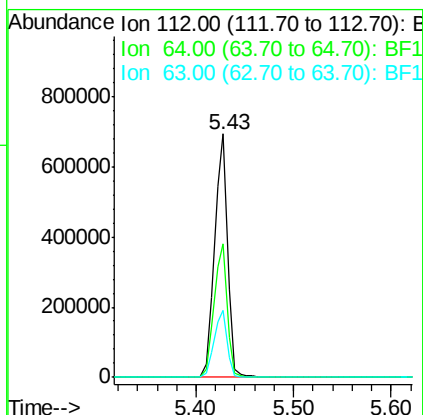
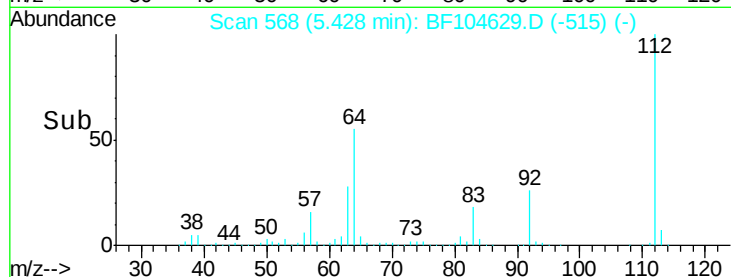
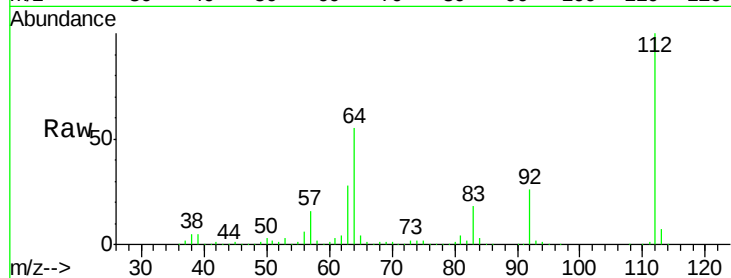
ClientSampleId :

PB108328BSD

Tot Ion:	112	Resp:	640268
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.9	71.9
63	27.8	23.7	35.5

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#6

Aniline

Concen: 9.328 ng

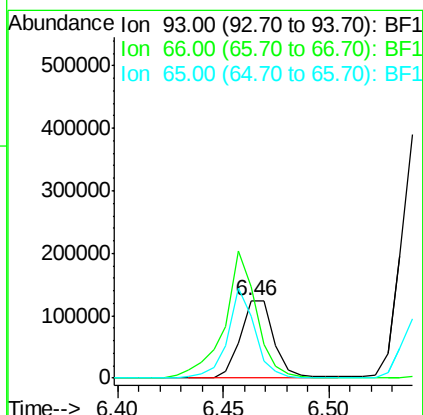
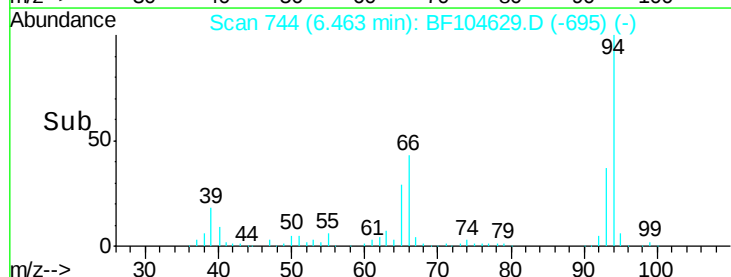
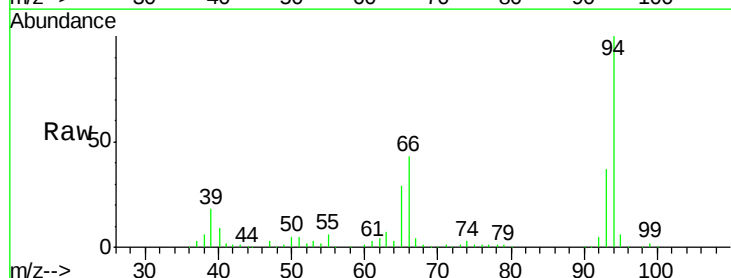
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	93	Resp:	138826
Ion Ratio	Lower	Upper	
93	100		
66	118.5	32.2	48.2#
65	80.1	16.4	24.6#





#7

Phenol-d6

Concen: 70.096 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

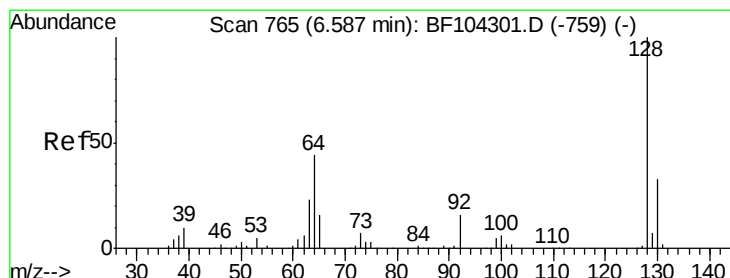
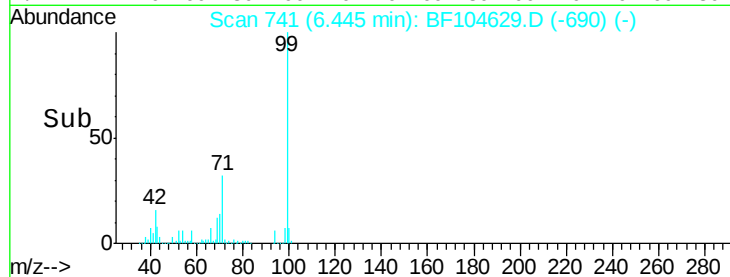
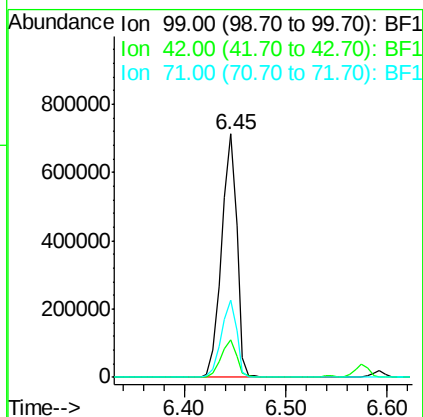
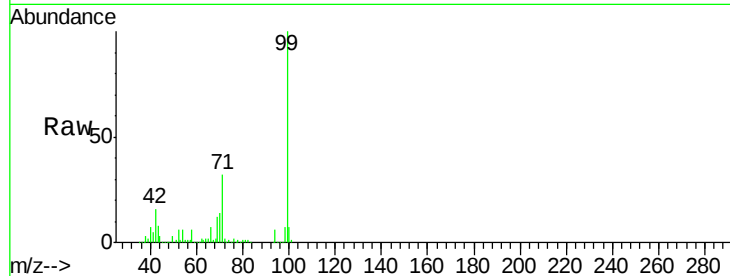
ClientSampleId :

PB108328BSD

Tot Ion:	99	Resp:	750846
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	31.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.240 ng

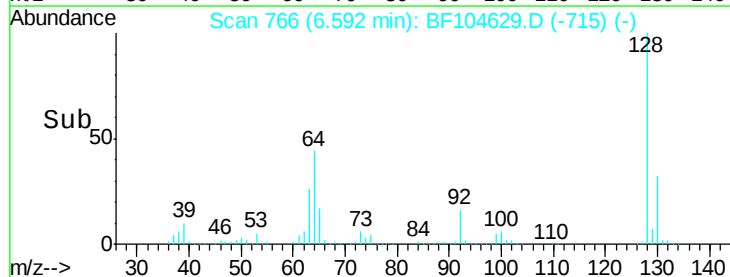
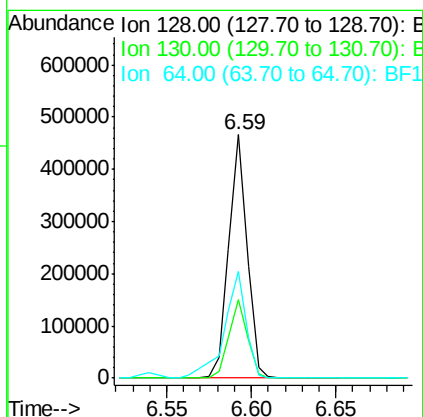
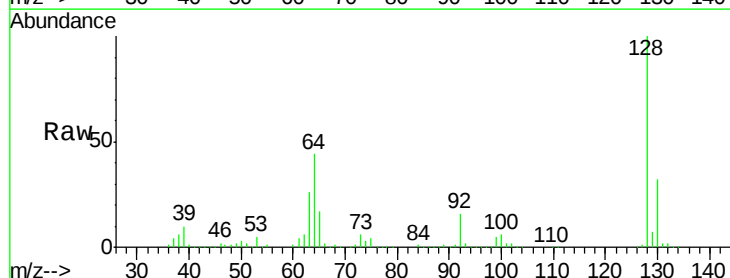
RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	128	Resp:	351874
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	43.6	29.4	69.4





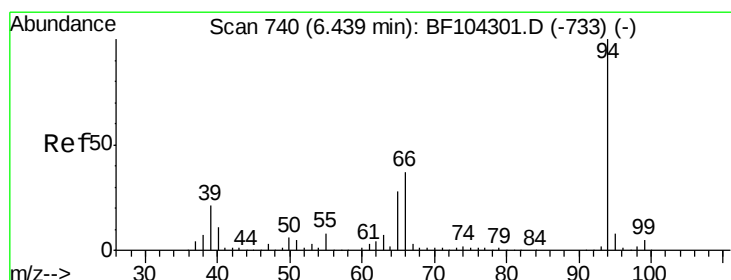
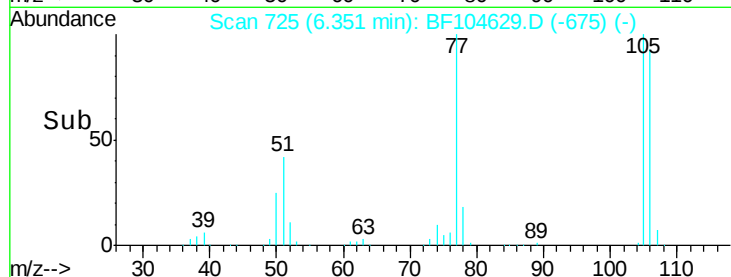
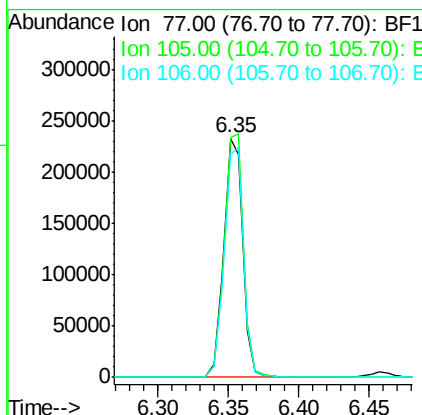
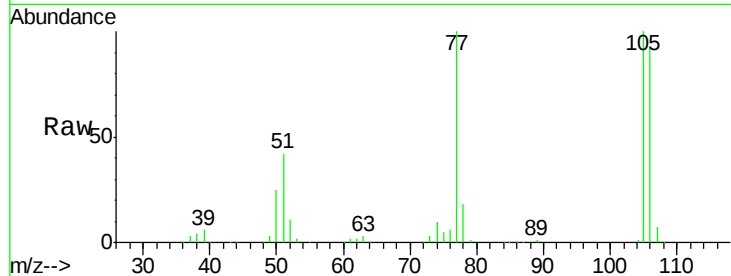
#9
Benzaldehyde
Concen: 40.270 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.2	81.1	121.1		
106	93.3	74.5	114.5		

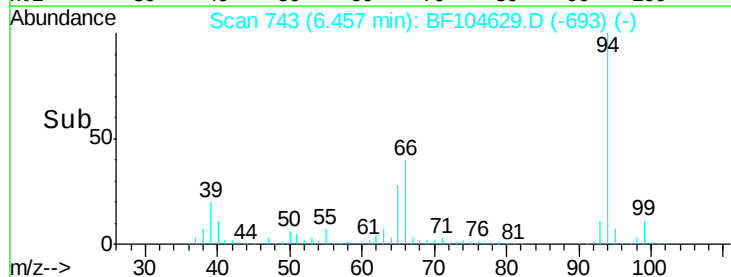
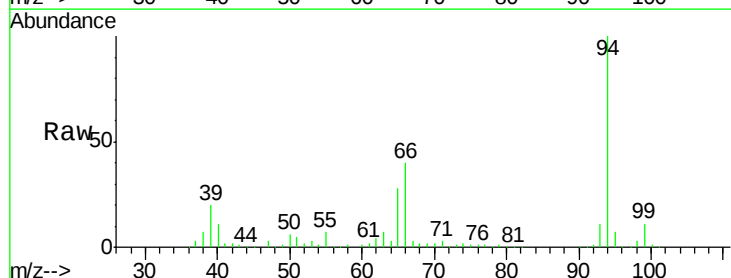
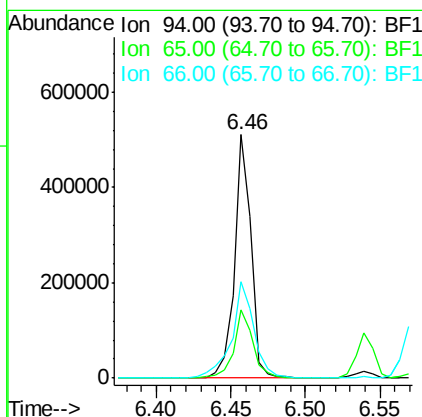
Manual Integrations
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#10
Phenol
Concen: 35.278 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.2	7.9	47.9		
66	39.6	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 37.065 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

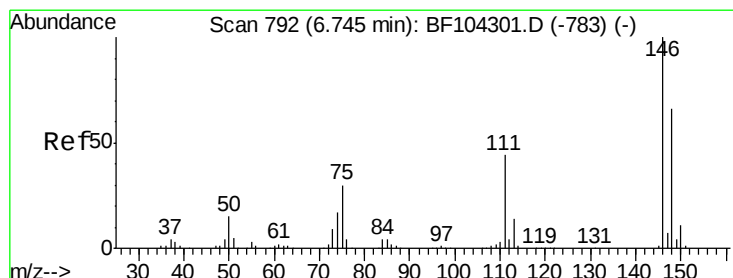
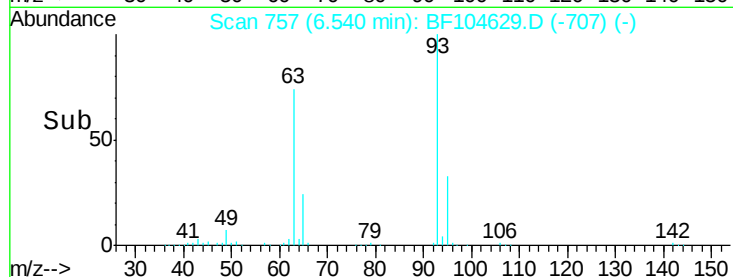
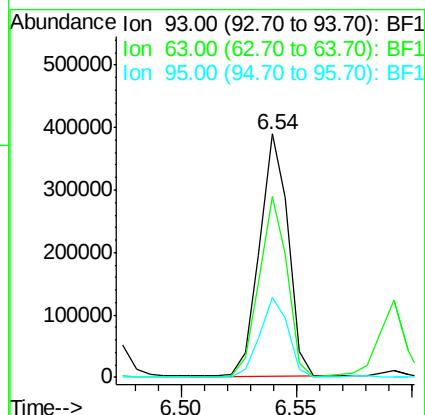
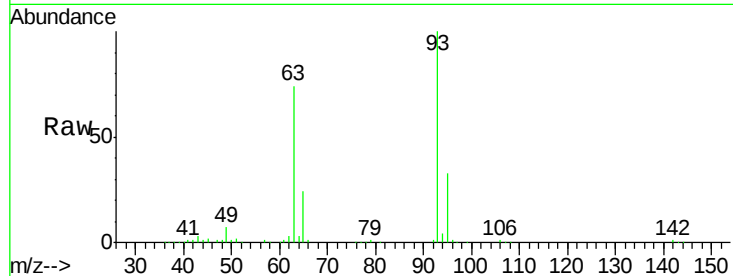
ClientSampleId :

PB108328BSD

Tot Ion:	93	Resp:	336173
Ion Ratio	Lower	Upper	
93	100		
63	74.3	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.931 ng

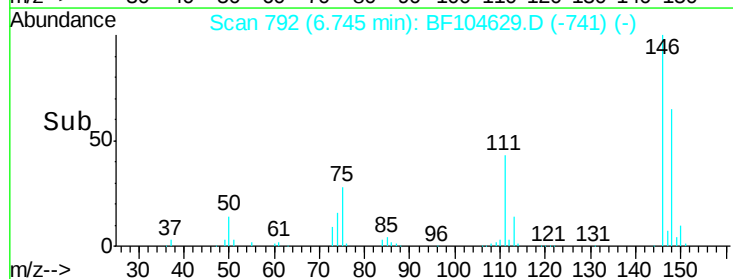
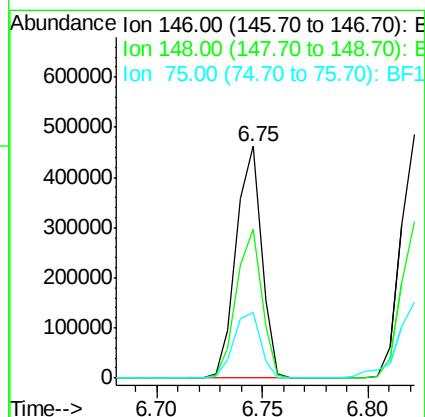
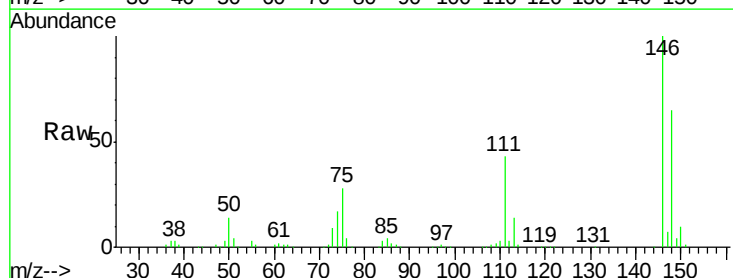
RT: 6.75 min Scan# 792

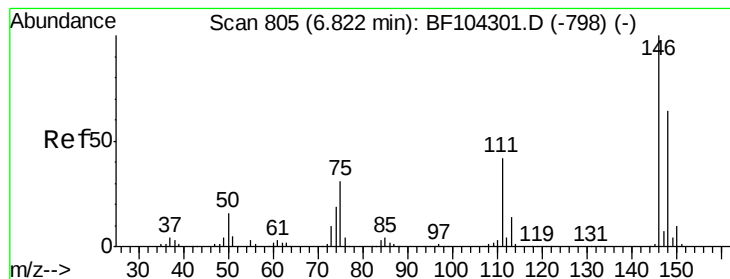
Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	146	Resp:	384984
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.234 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

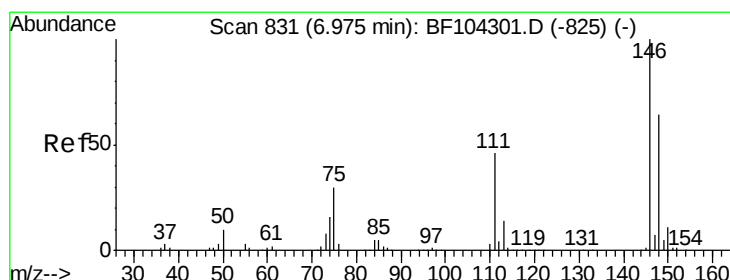
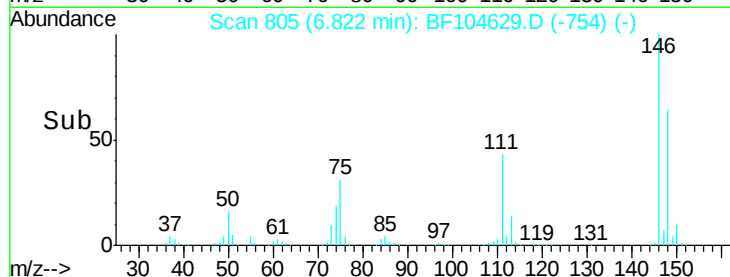
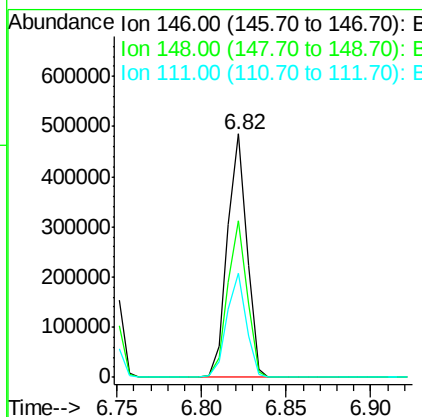
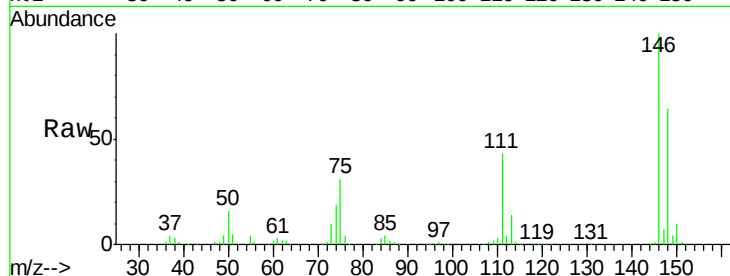
ClientSampleId :

PB108328BSD

Tot Ion:	146	Resp:	386916
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	42.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.253 ng

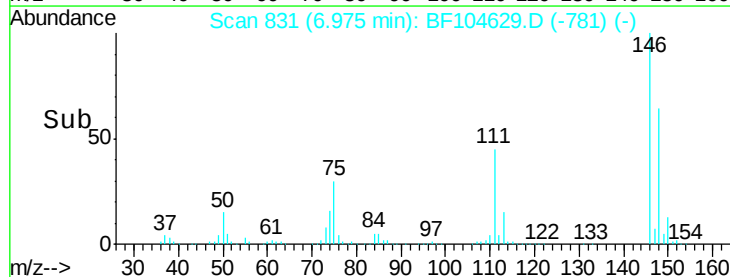
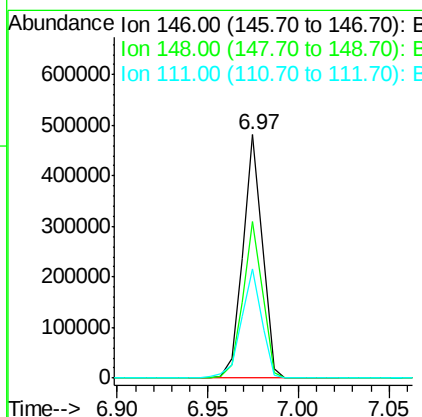
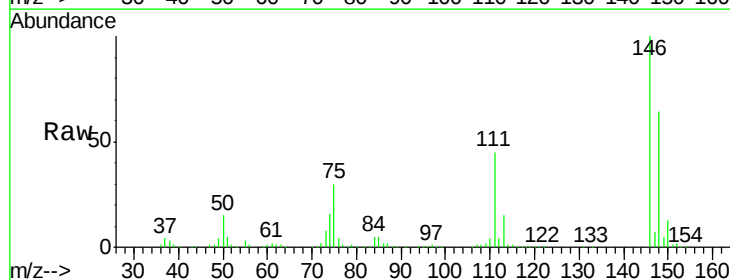
RT: 6.97 min Scan# 831

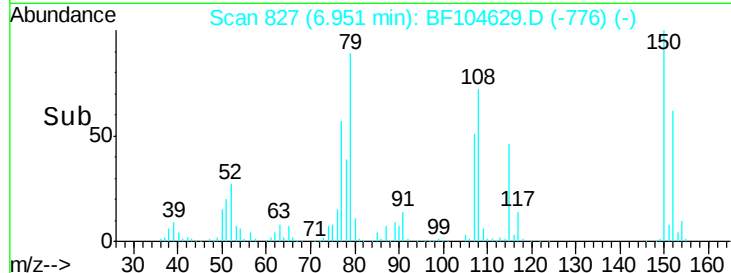
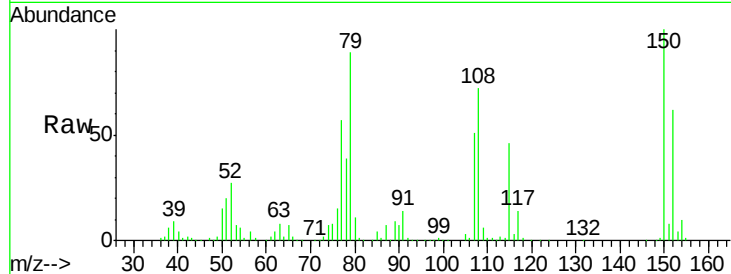
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	146	Resp:	358736
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	44.9	36.0	54.0





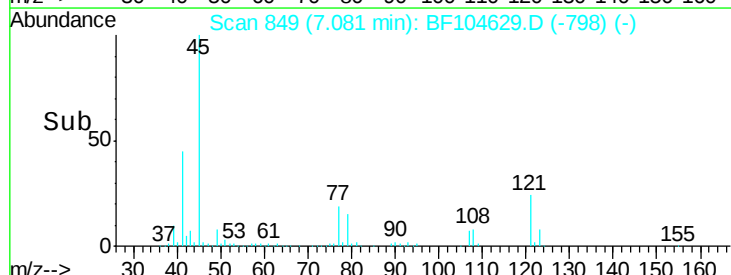
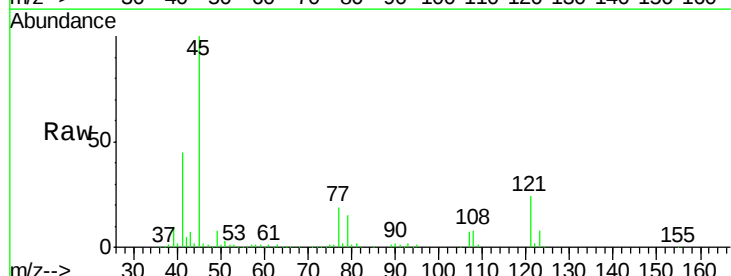
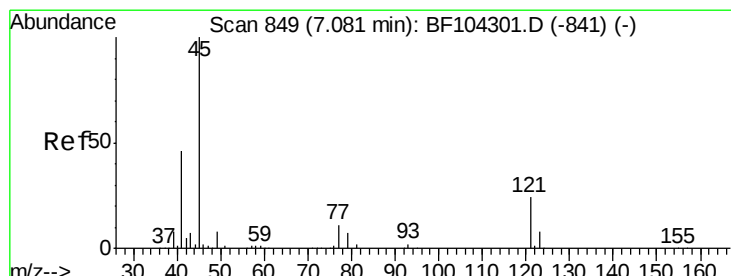
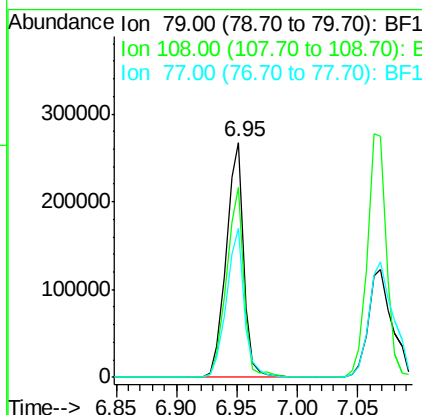
#15
Benzyl Alcohol
Concen: 33.150 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tot Ion	Ratio	Resp	Lower	Upper
79	100	269699		
108	81.1	65.1	97.7	
77	63.4	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

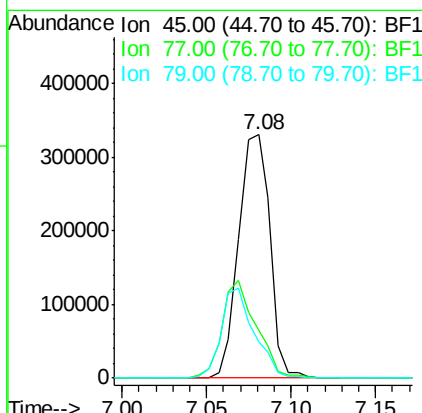
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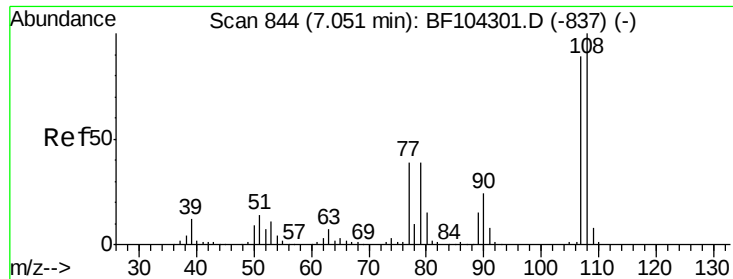
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.073 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	427200		
77	19.4	0.0	32.9	
79	15.1	0.0	29.6	





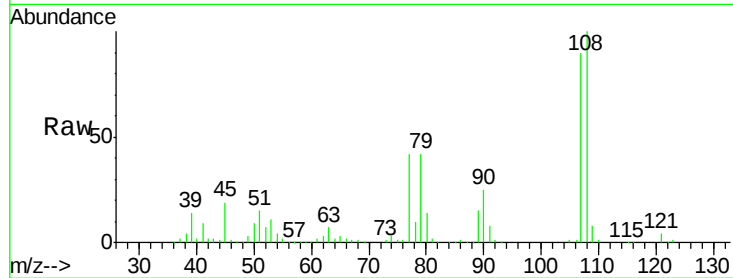
#17
2-Methylphenol
Concen: 34.660 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

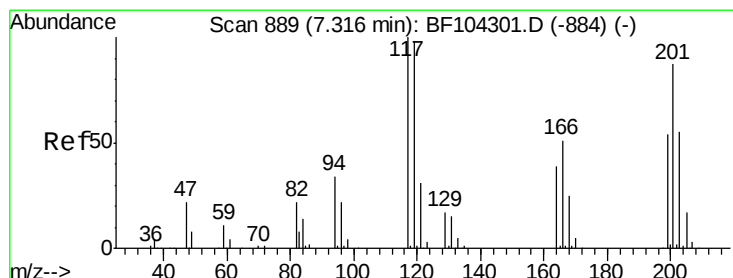
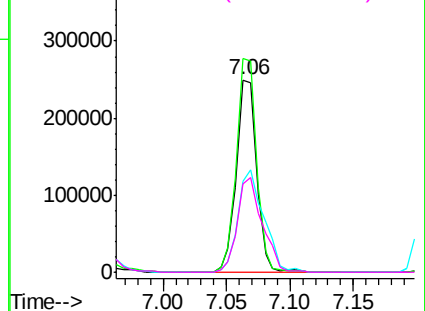
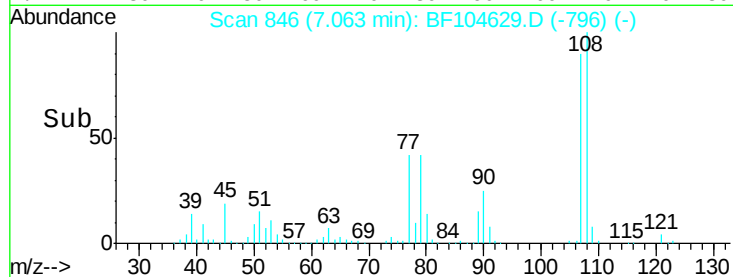
Tot Ion:	107	Resp:	277232
Ion Ratio	Lower	Upper	
107	100		
108	111.0	91.7	137.5
77	47.0	33.8	50.8
79	46.1	33.8	50.8

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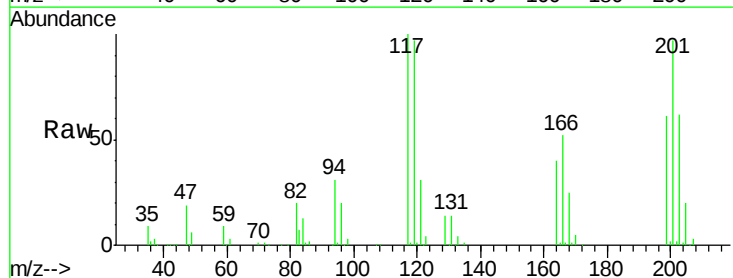


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

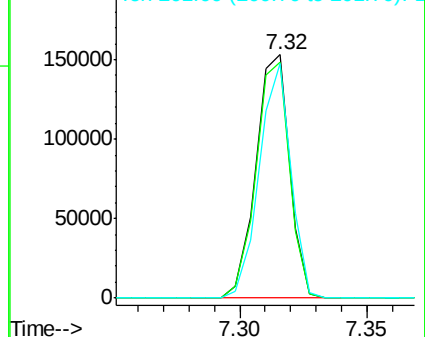
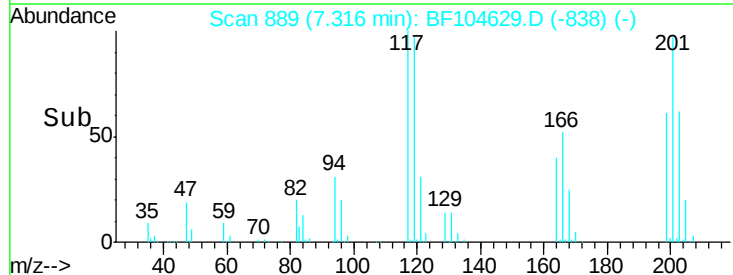


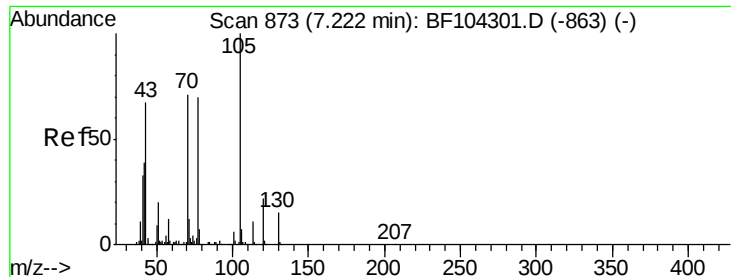
#18
Hexachloroethane
Concen: 38.333 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:	117	Resp:	142021
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.8	113.8
201	96.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.984 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

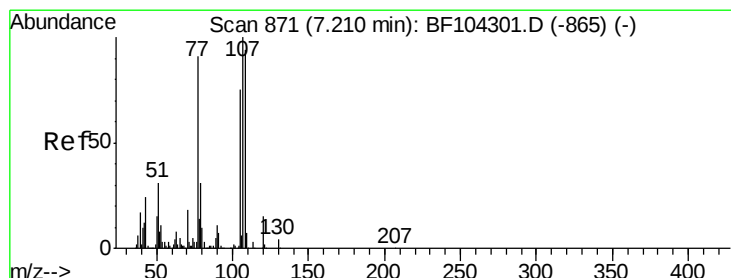
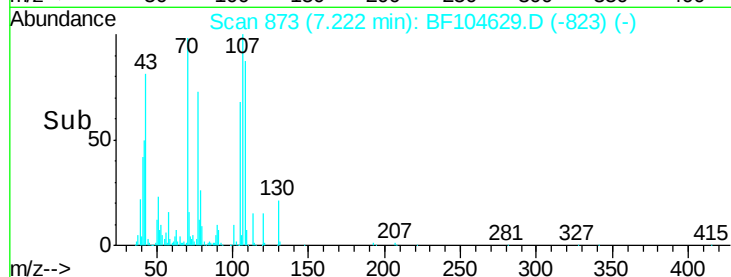
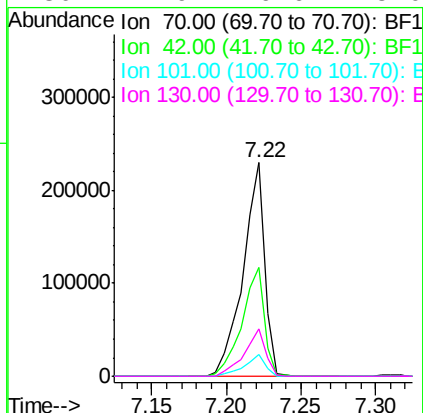
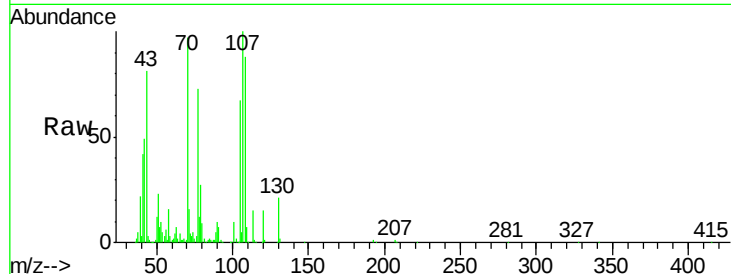
ClientSampleId :

PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		230876		
42	51.1		47.5	71.3	
101	10.0		7.4	11.2	
130	21.9		16.6	25.0	

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#20

3+4-Methylphenols

Concen: 33.981 ng

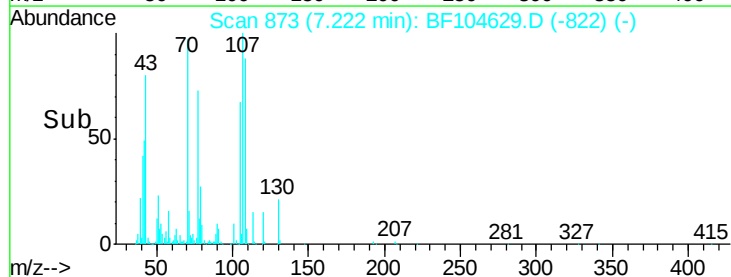
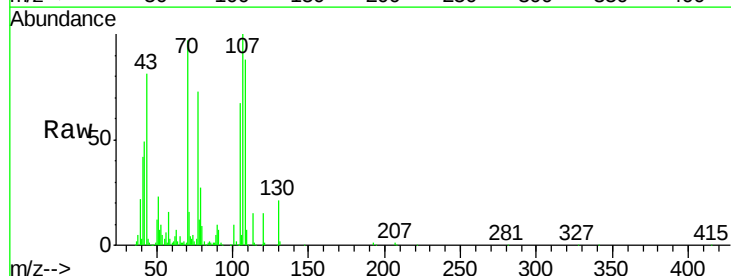
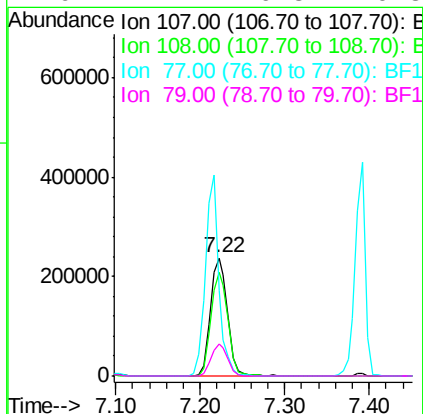
RT: 7.22 min Scan# 873

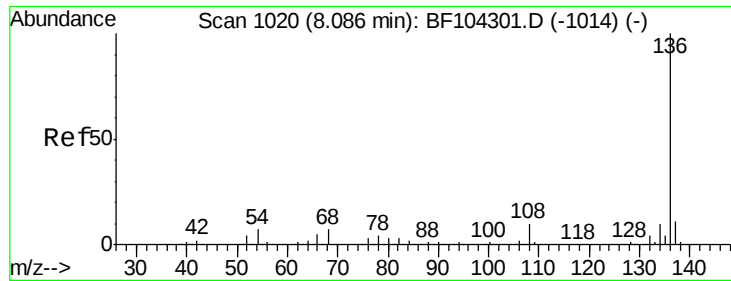
Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		337097		
108	87.5		68.2	108.2	
77	73.1		26.7	66.7#	
79	27.1		6.3	46.3	





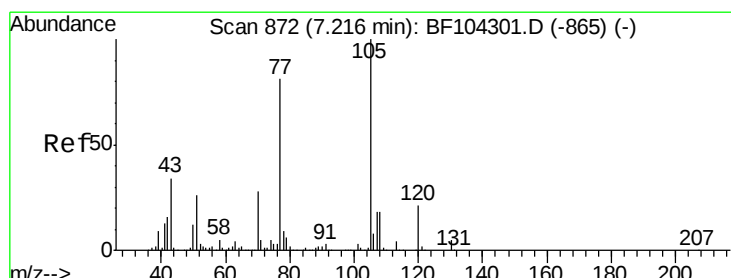
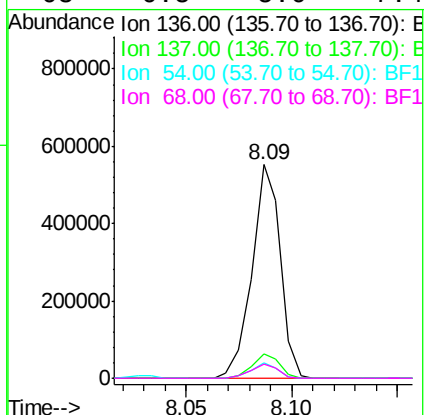
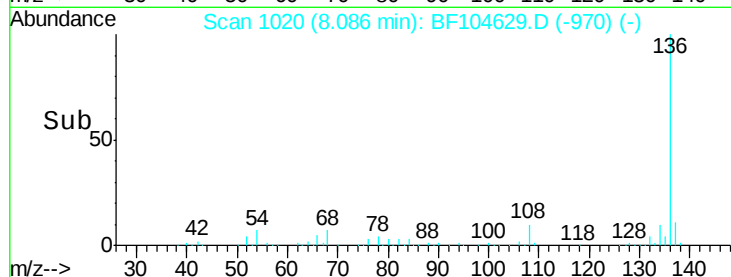
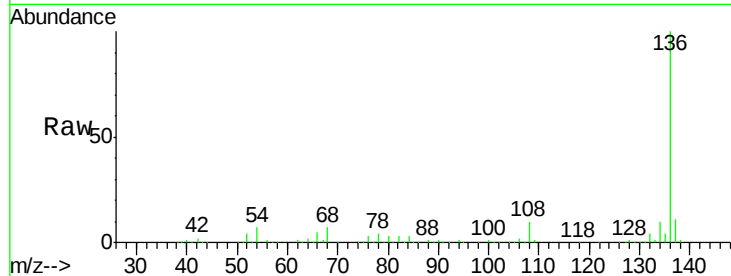
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	513558		
137	11.2	8.9	13.3	
54	7.4	6.6	9.8	
68	6.5	5.0	7.4	

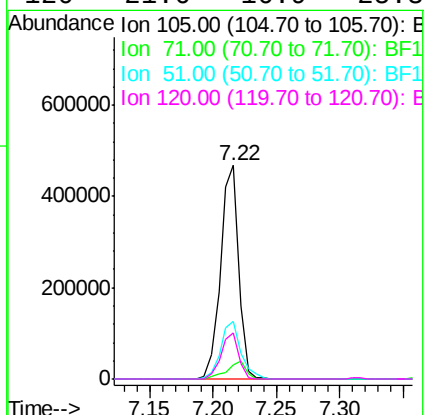
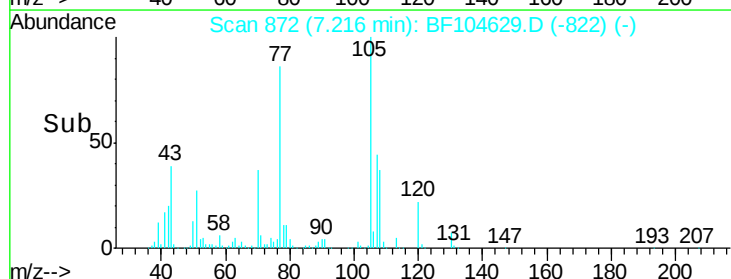
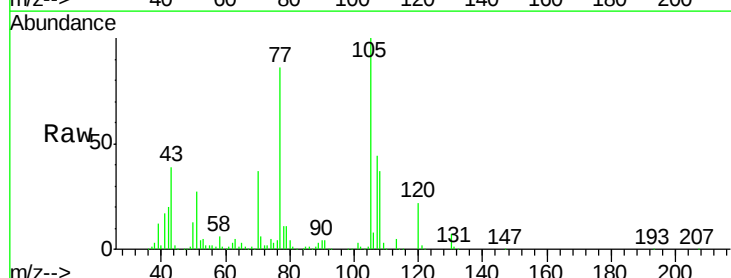
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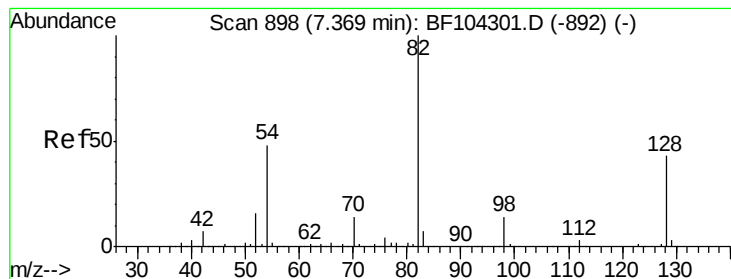
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#22
Acetophenone
Concen: 37.045 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468382		
71	6.4	4.4	6.6	
51	26.9	22.3	33.5	
120	21.6	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 89.513 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

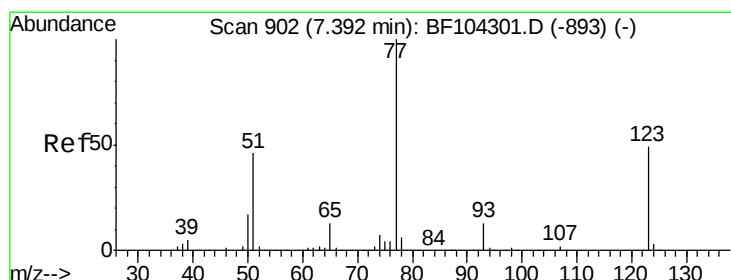
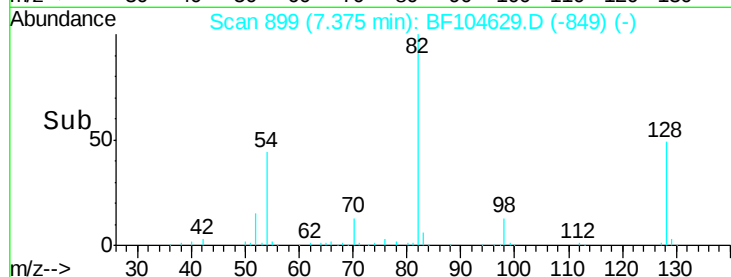
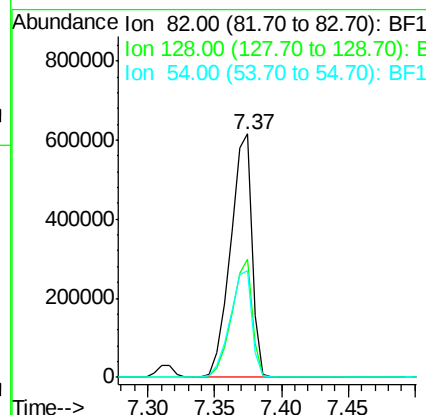
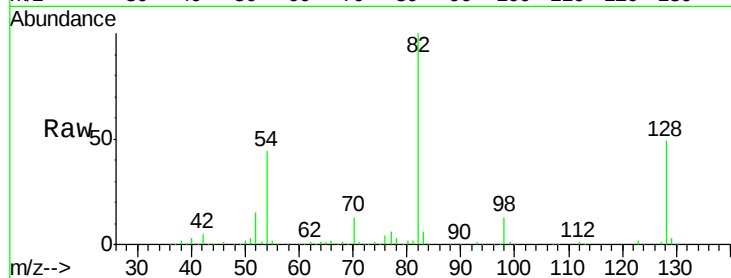
ClientSampleId :

PB108328BSD

Tot Ion:	82	Resp:	704008
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	43.7	41.4	62.2

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#24

Nitrobenzene

Concen: 41.182 ng

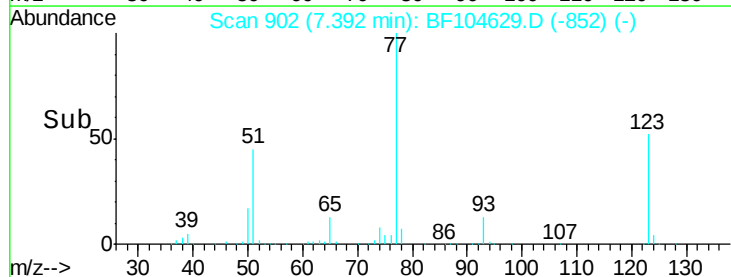
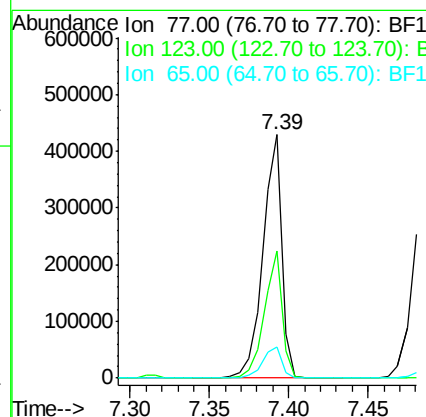
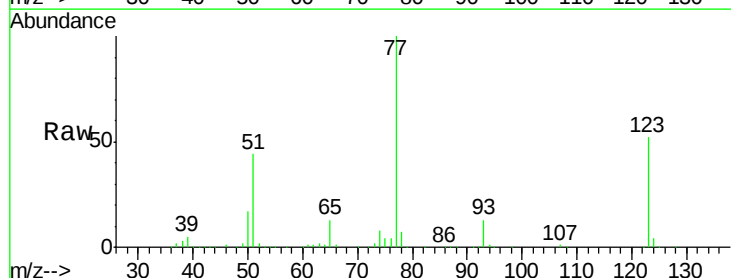
RT: 7.39 min Scan# 902

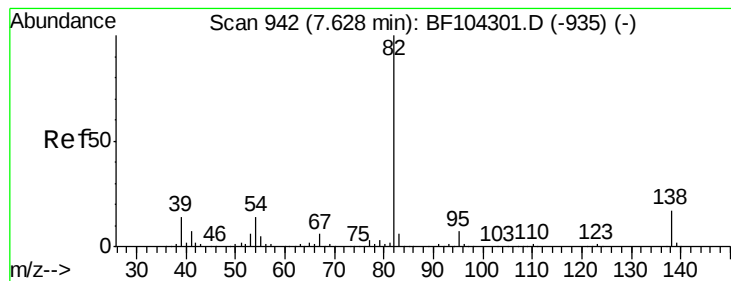
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	77	Resp:	357596
Ion Ratio	Lower	Upper	
77	100		
123	52.2	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 38.462 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

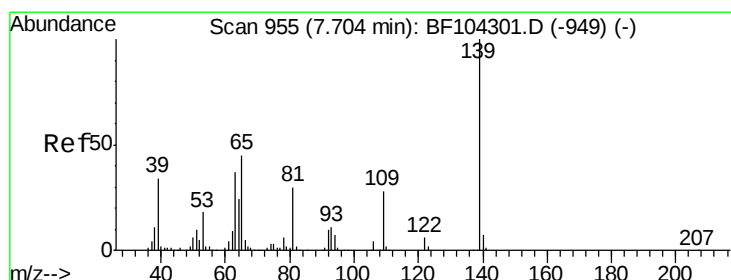
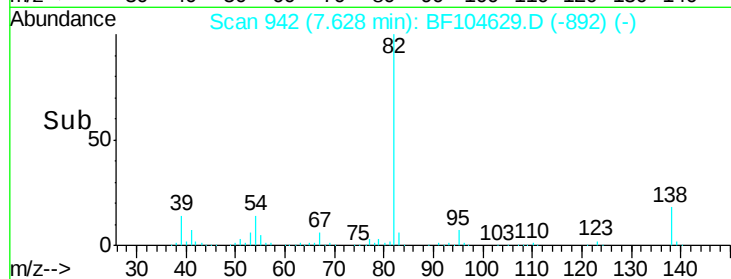
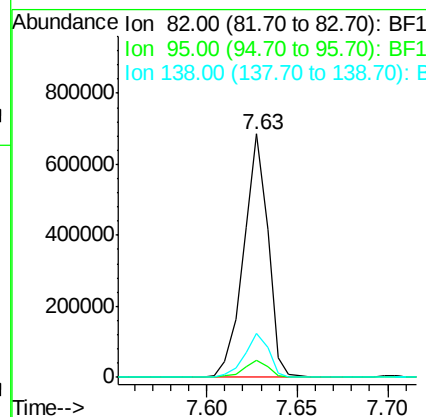
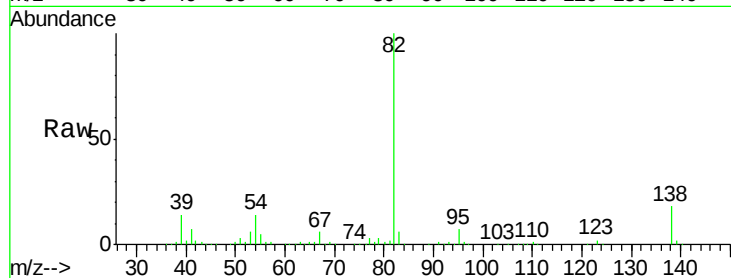
ClientSampleId :

PB108328BSD

Tot Ion:	82	Resp:	639680
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.541 ng

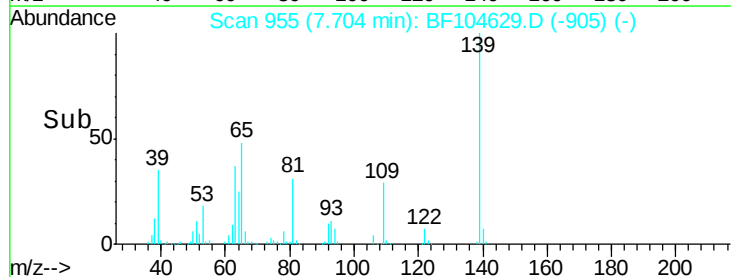
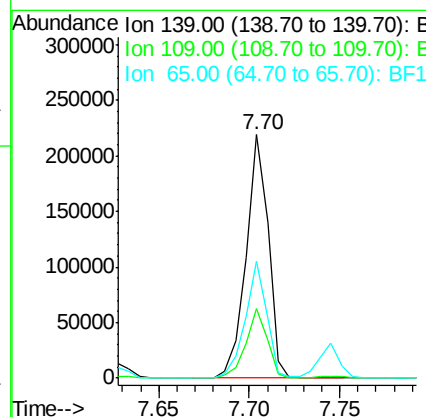
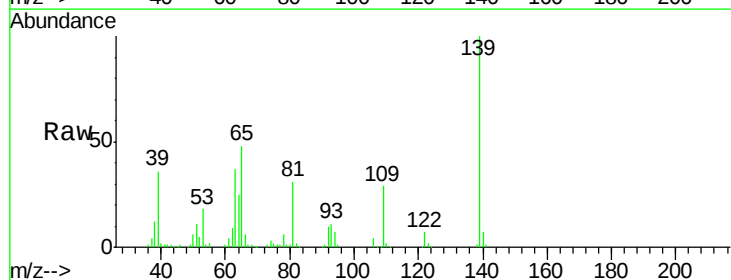
RT: 7.70 min Scan# 955

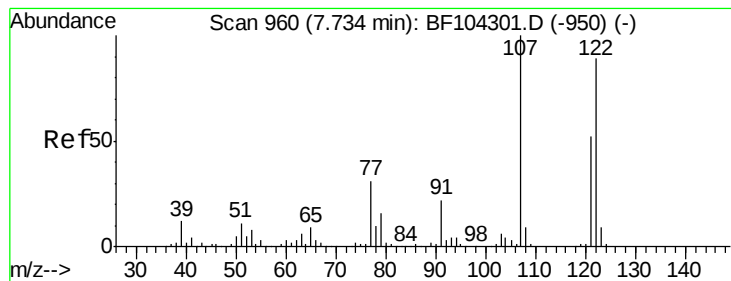
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	139	Resp:	185732
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	47.9	40.5	60.7





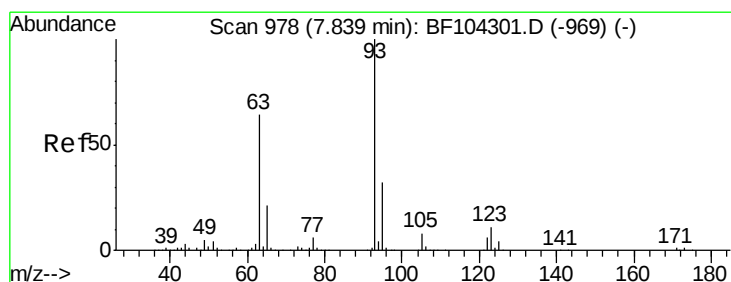
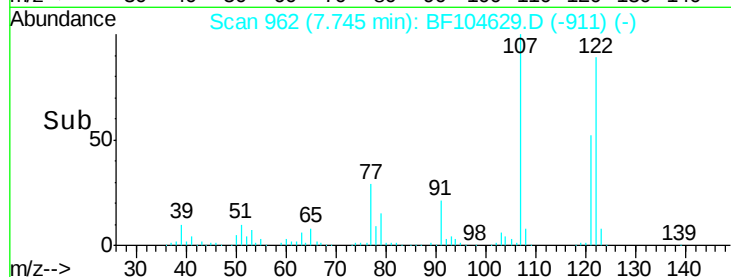
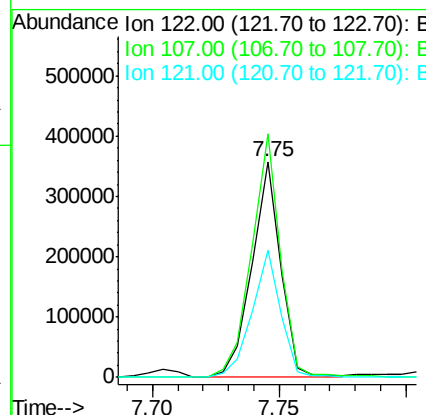
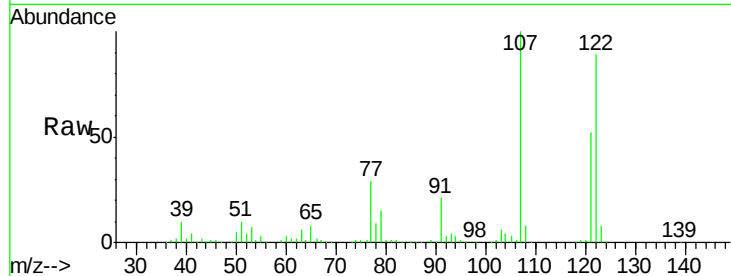
#27
2,4-Dimethylphenol
Concen: 38.515 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.2	136.8
121	59.1	47.2	70.8

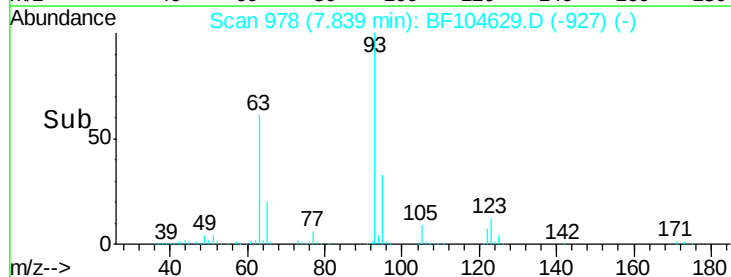
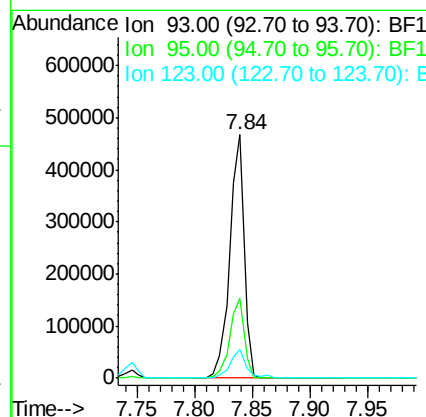
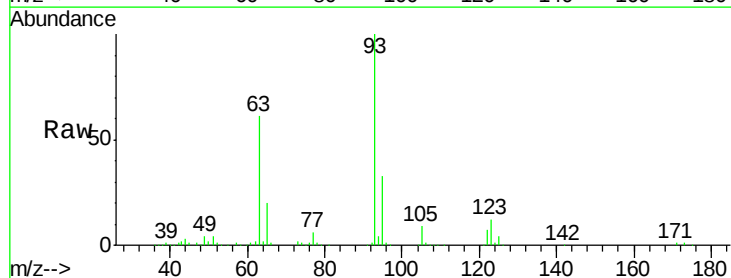
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 40.248 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.8	9.8	14.6





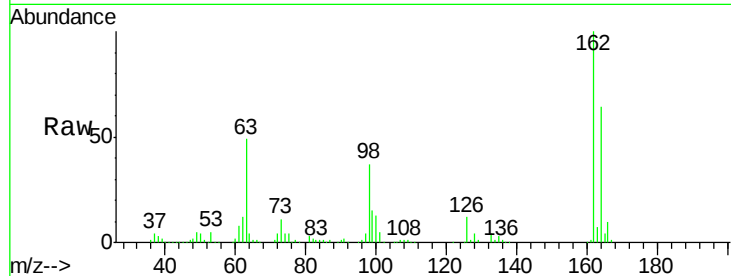
#29
2,4-Dichlorophenol
Concen: 37.196 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

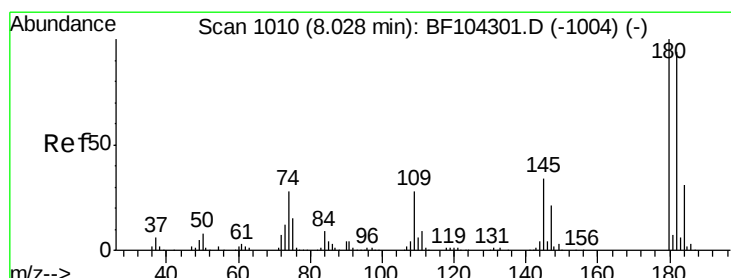
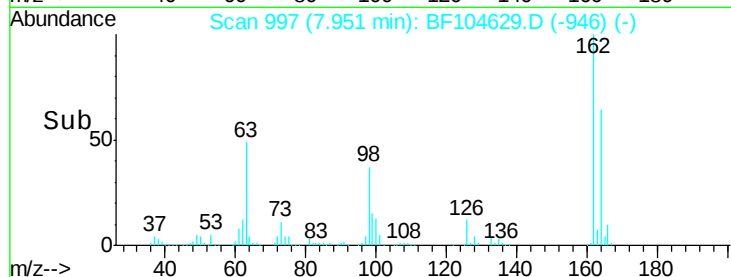
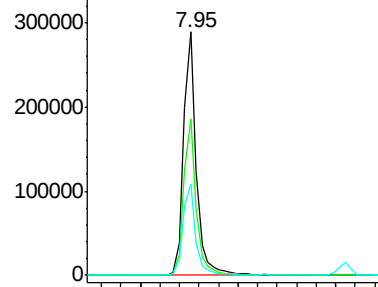
Tot Ion	Ratio	Resp	Lower	Upper
162	100	260500		
164	64.2	42.7	82.7	
98	37.4	18.1	58.1	

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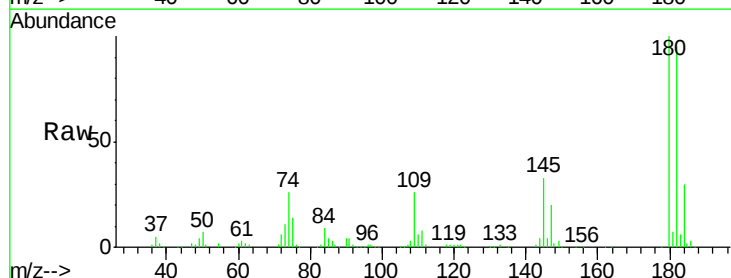


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

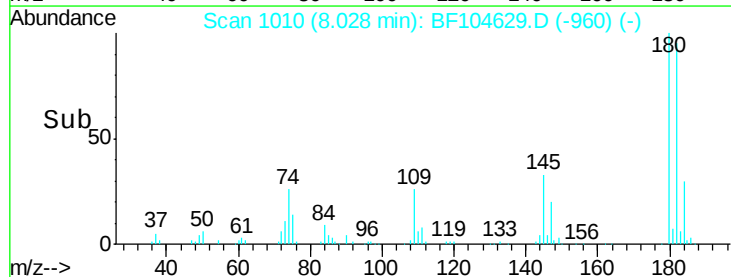
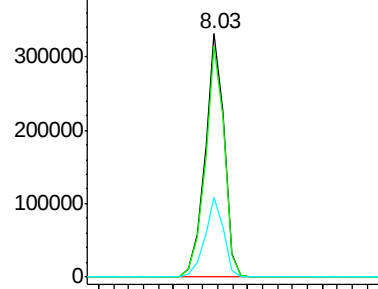


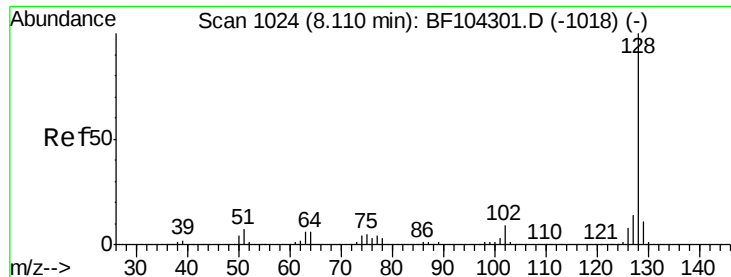
#30
1,2,4-Trichlorobenzene
Concen: 38.771 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297991		
182	94.6	76.8	115.2	
145	32.8	26.5	39.7	



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





#31

Naphthalene

Concen: 37.997 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

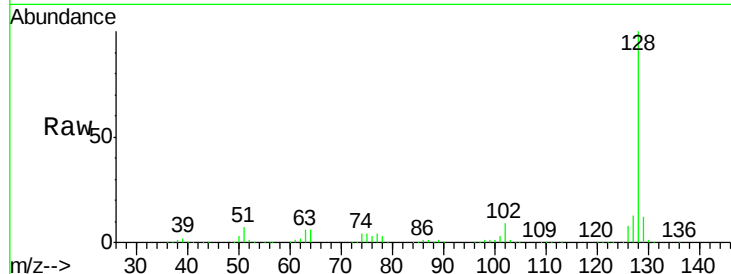
ClientSampled :

PB108328BSD

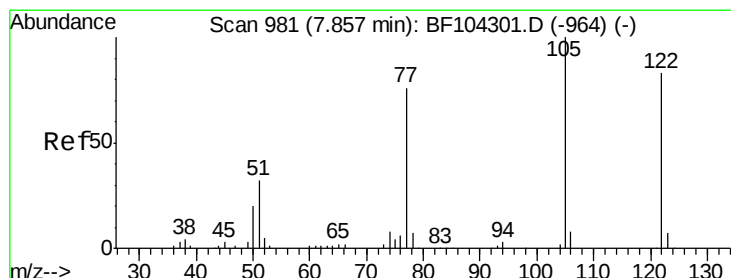
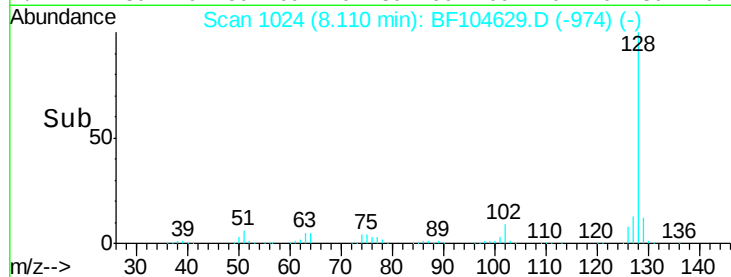
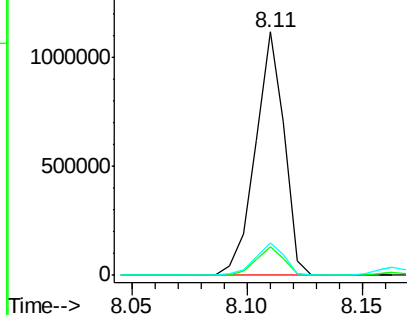
Tot Ion:	128	Resp:	971686
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.4	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.667 ng m

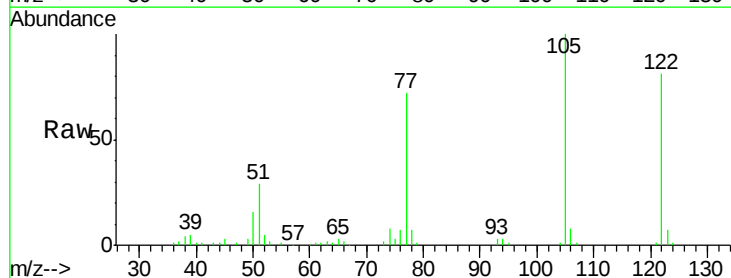
RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

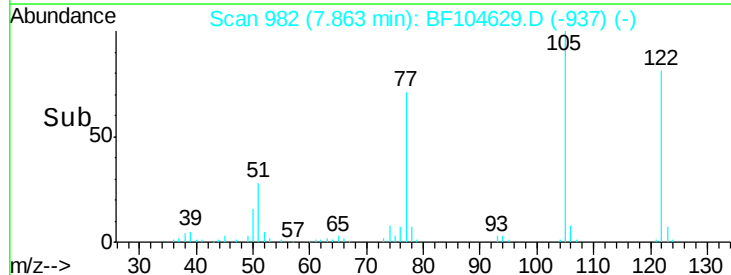
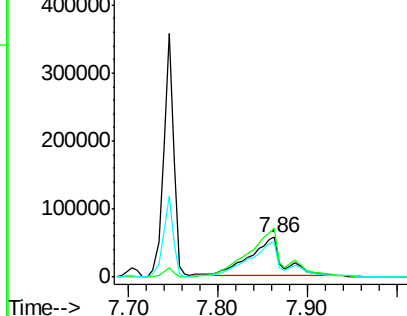
Lab File: BF104629.D

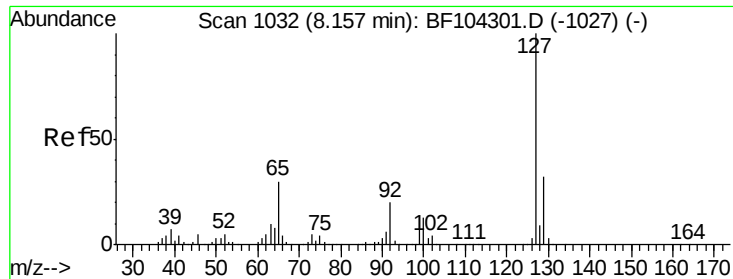
Acq: 19 Apr 2018 14:18

Tgt Ion:	122	Resp:	150318
Ion Ratio	Lower	Upper	
122	100		
105	123.2	101.1	141.1
77	88.7	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





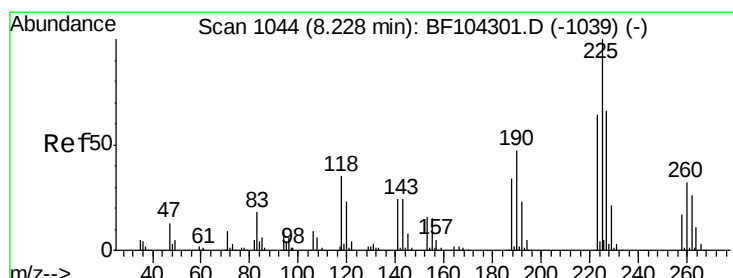
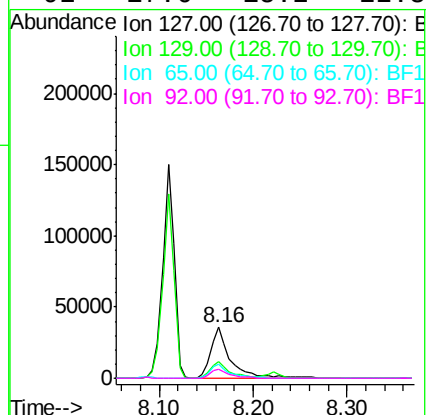
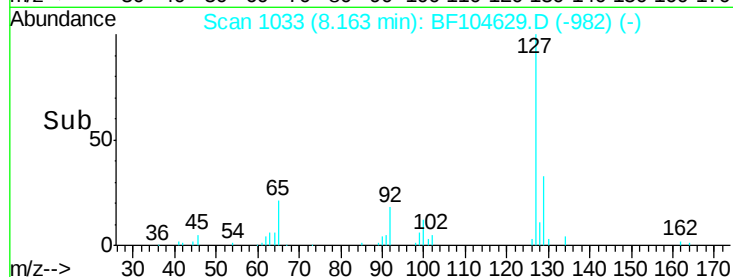
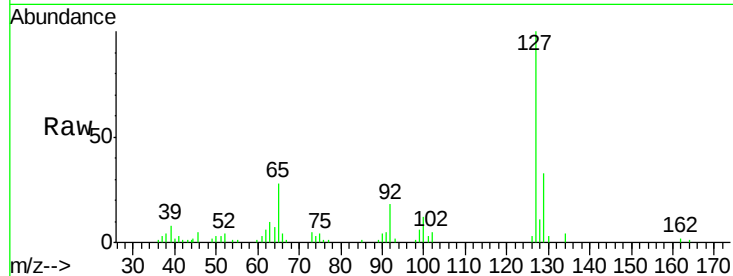
#33
4-Chloroaniline
Concen: 4.806 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	27.5	25.0	37.4		
92	17.6	15.2	22.8		

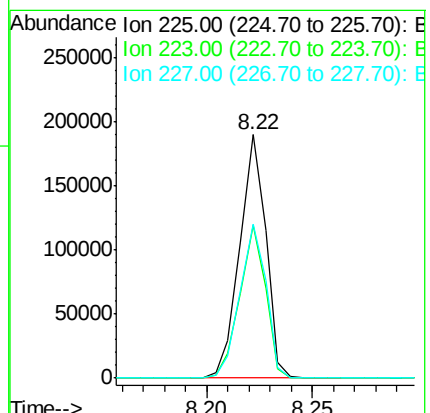
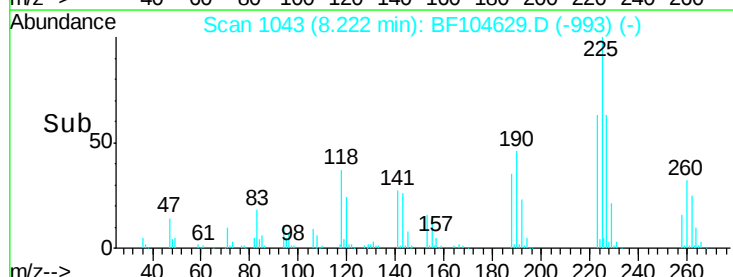
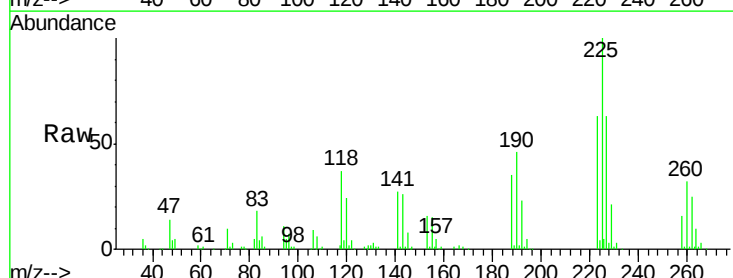
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 38.456 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	63.1	51.9	77.9		





#35

Caprolactam

Concen: 34.113 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

PB108328BSD

Tot Ion:113 Resp: 83342

Ion Ratio Lower Upper

113 100

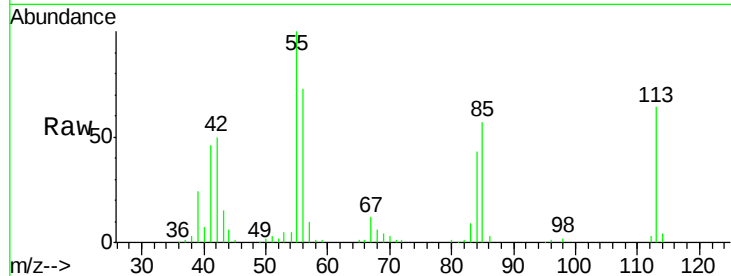
55 155.1 163.3 203.3#

56 113.7 115.7 155.7#

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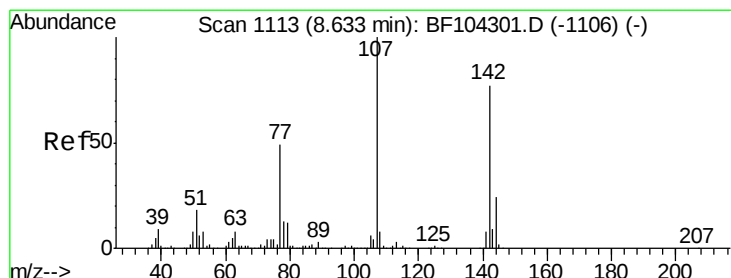
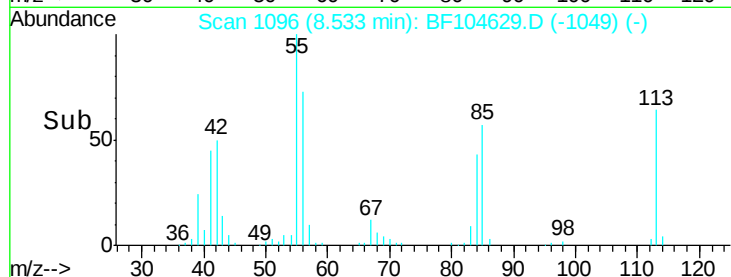
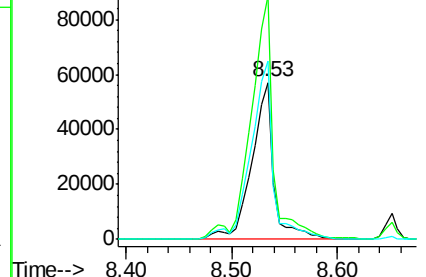
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.458 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:107 Resp: 243745

Ion Ratio Lower Upper

107 100

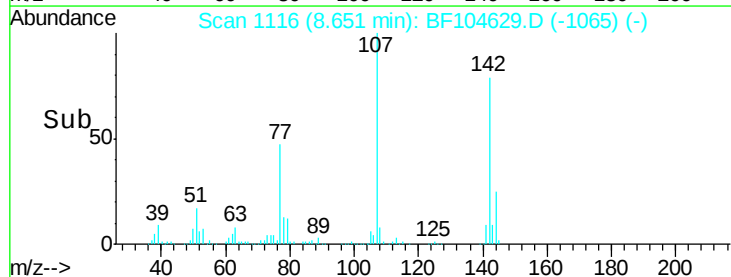
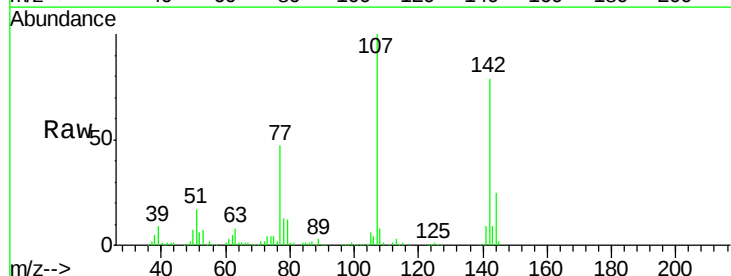
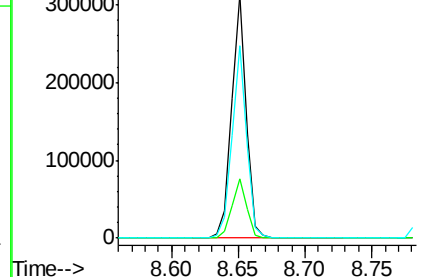
144 24.6 20.5 30.7

142 78.8 62.0 93.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





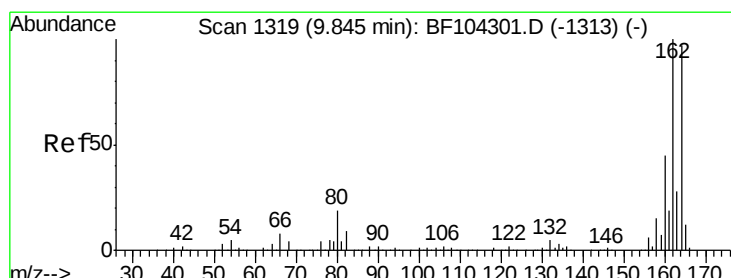
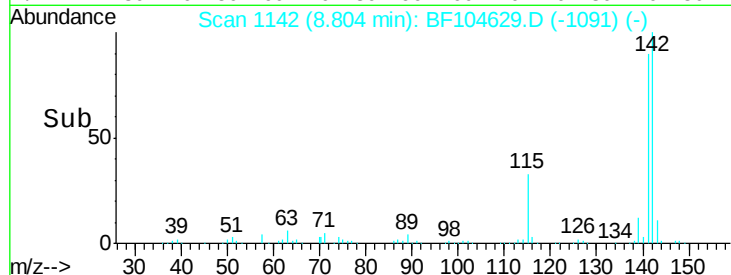
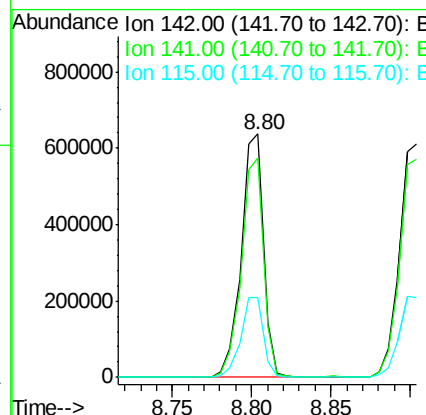
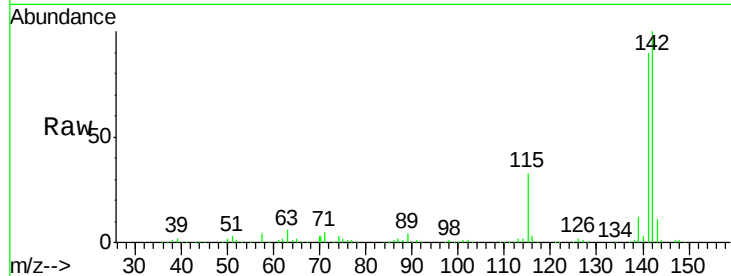
#37
2-Methylnaphthalene
Concen: 37.481 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.5	26.1	39.1

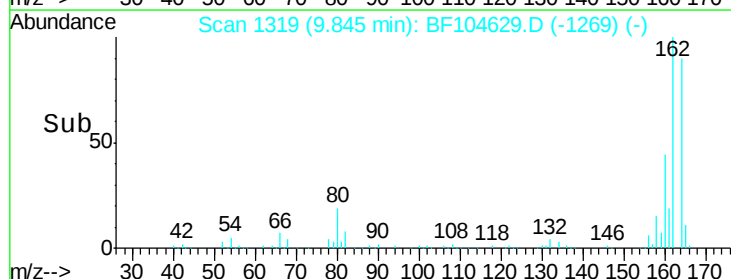
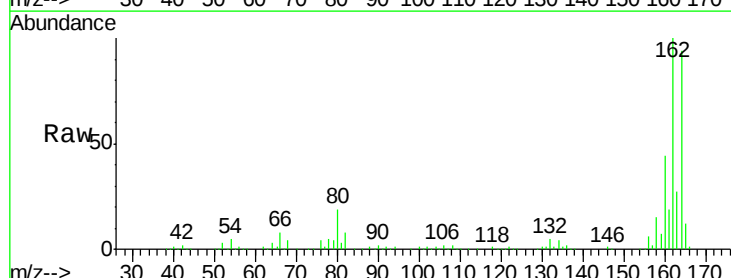
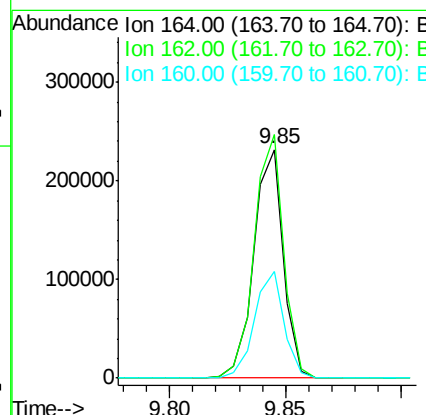
Manual Integrations
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.5	38.3	57.5





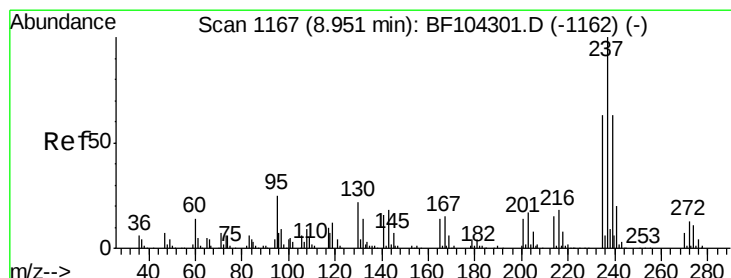
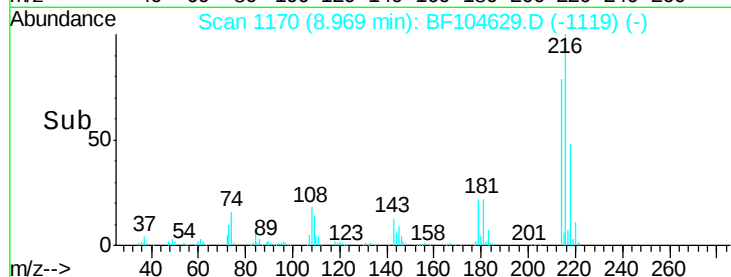
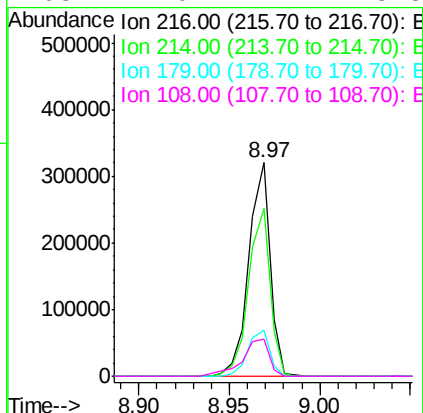
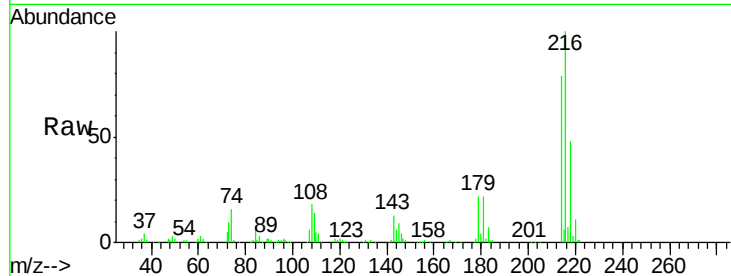
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.258 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampled :
 PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.6		63.0	94.4	
179	22.3		18.1	27.1	
108	22.0		17.2	25.8	

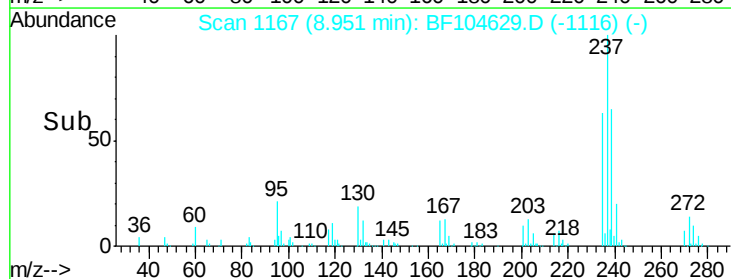
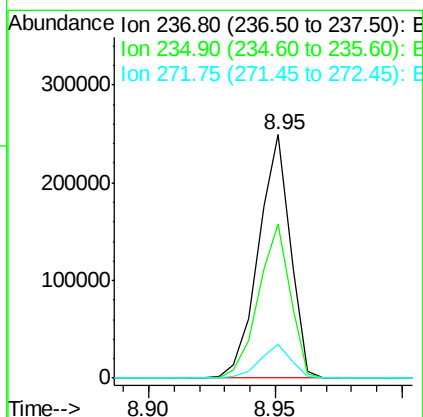
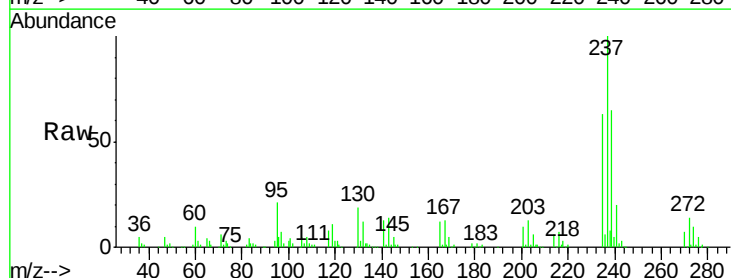
Manual Integrations
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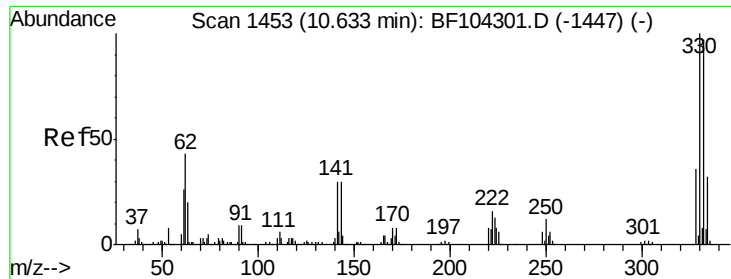
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#40
 Hexachlorocyclopentadiene
 Concen: 65.678 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		44.8	84.8	
272	13.6		0.0	33.3	





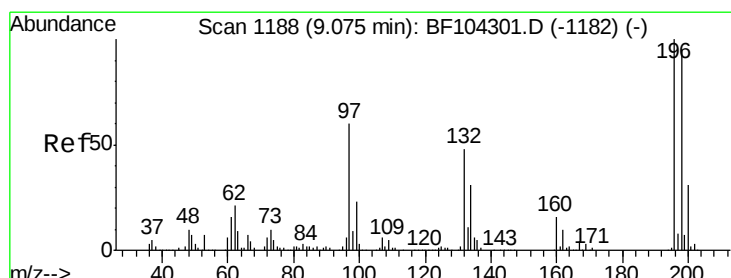
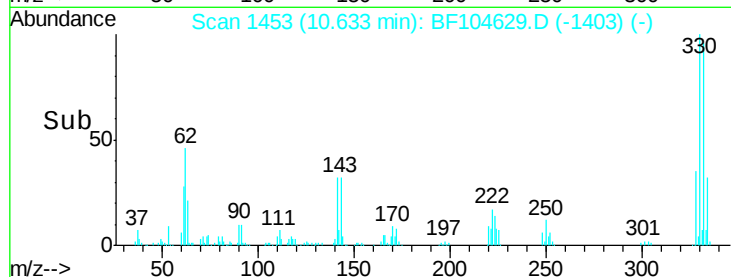
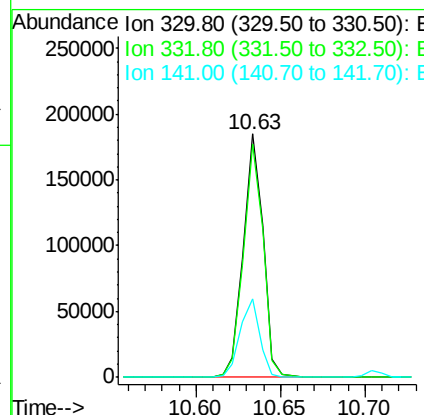
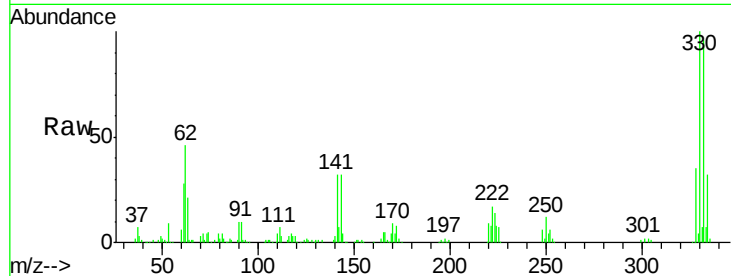
#41
 2,4,6-Tribromophenol
 Concen: 69.982 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	32.1	29.9	44.9	

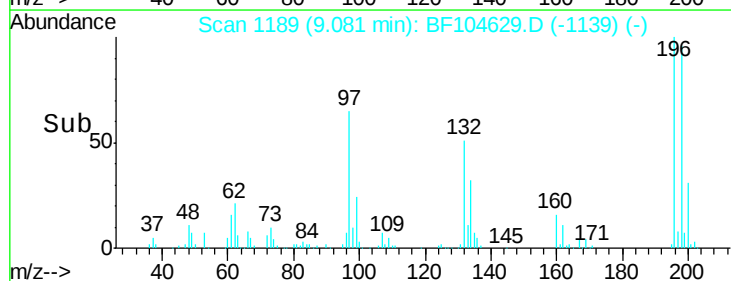
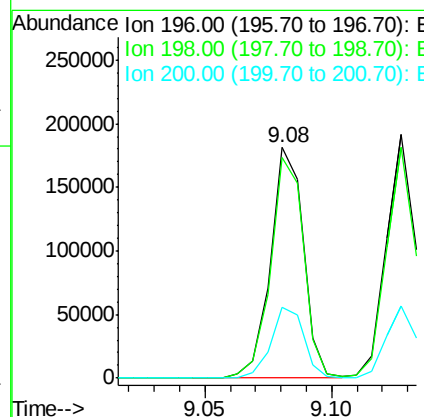
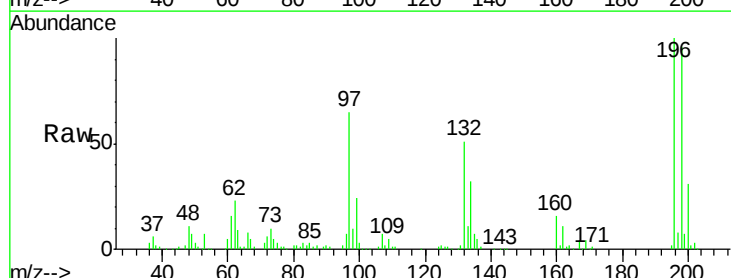
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 39.643 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	75.7	113.5	
200	30.5	24.5	36.7	





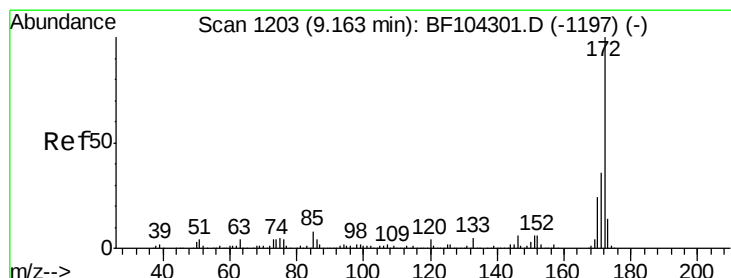
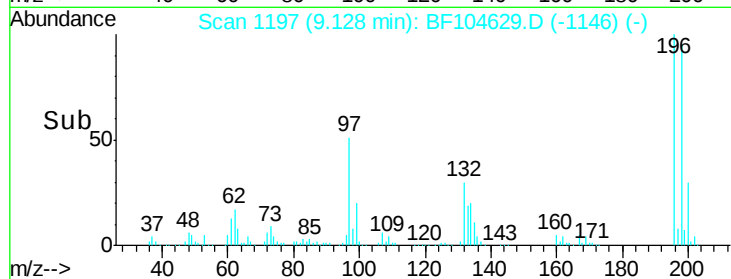
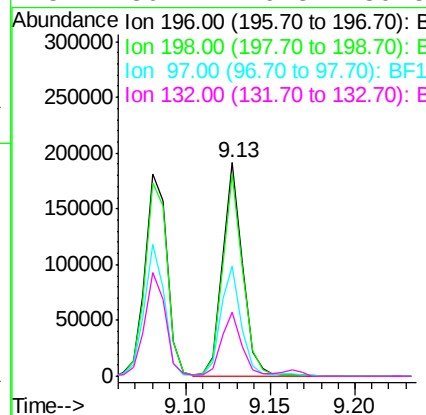
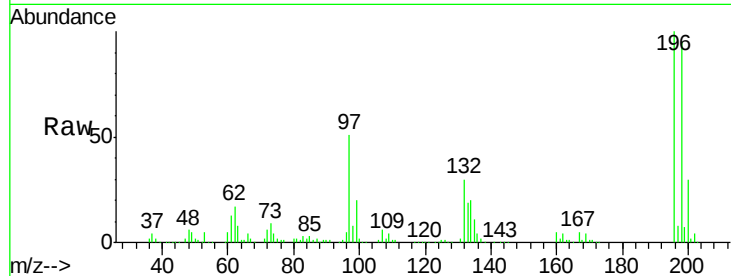
#43
 2,4,5-Trichlorophenol
 Concen: 34.966 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion:	196	Resp:	161087
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.6	112.0
97	51.5	42.9	64.3
132	30.1	26.3	39.5

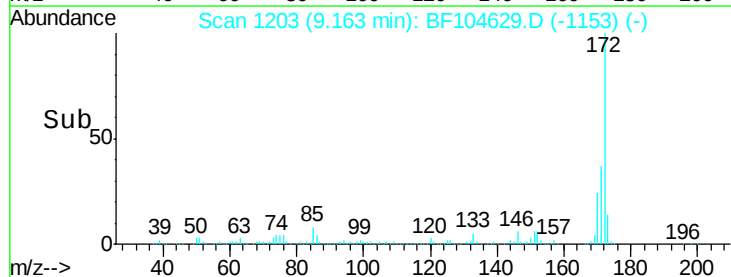
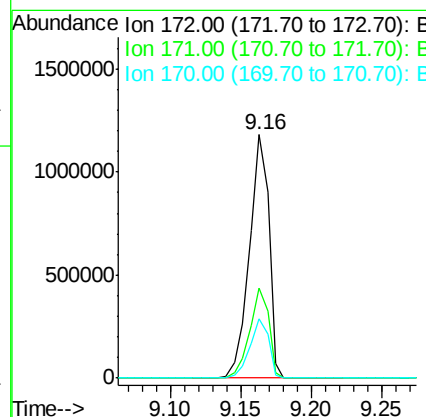
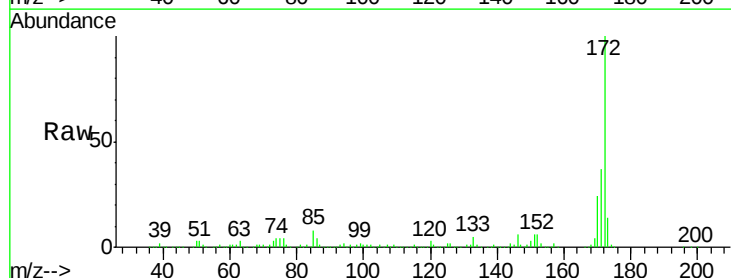
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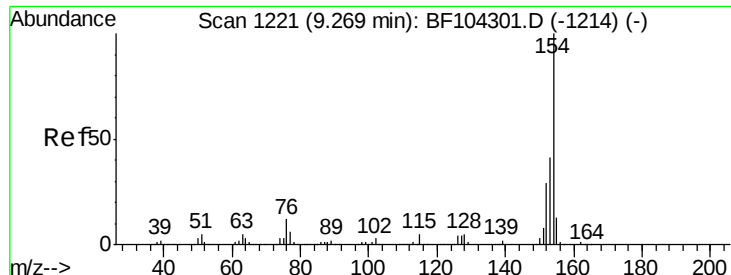
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 86.869 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:	172	Resp:	1139252
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.257 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

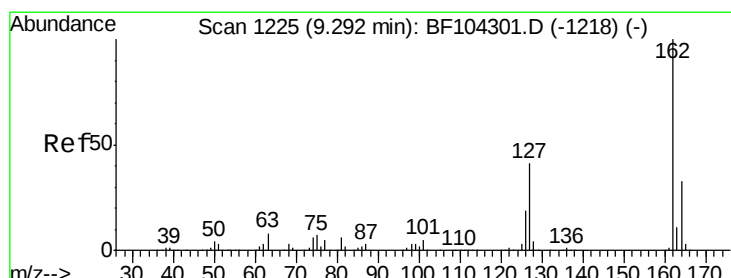
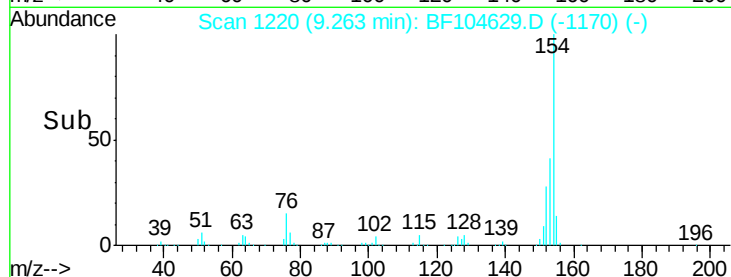
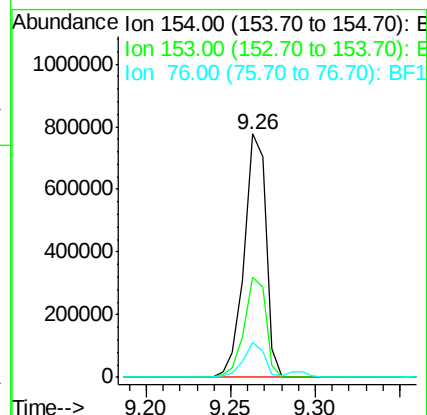
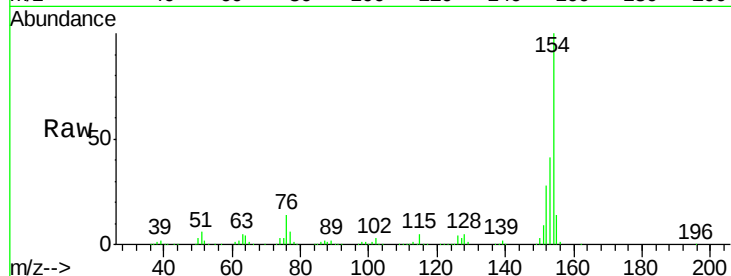
ClientSampleId :

PB108328BSD

Tot Ion:	154	Resp:	700646
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	14.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 40.166 ng

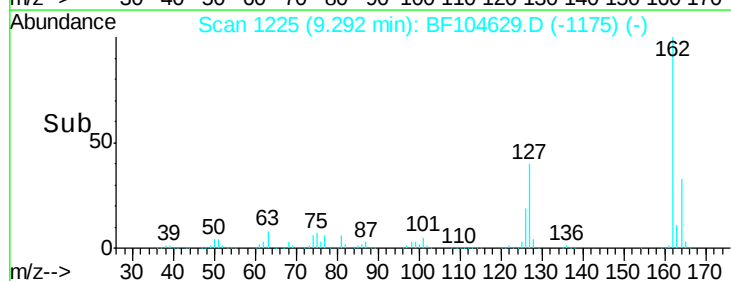
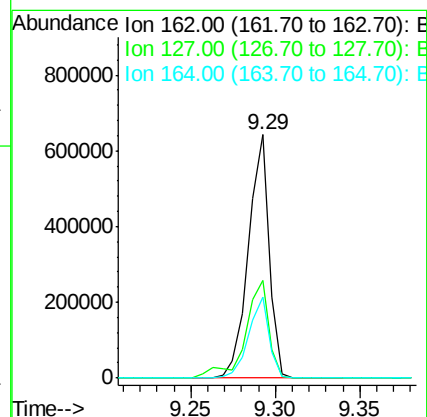
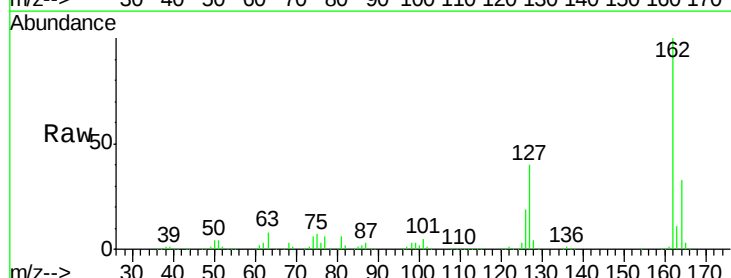
RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	162	Resp:	552165
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	33.1	26.5	39.7





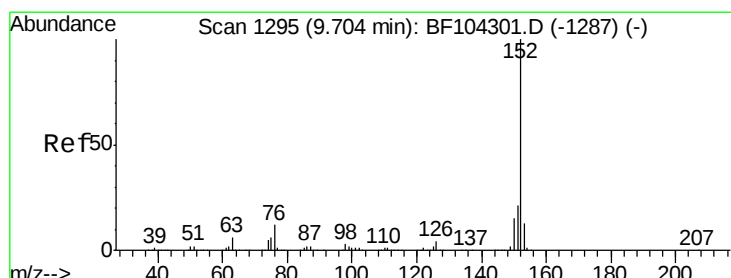
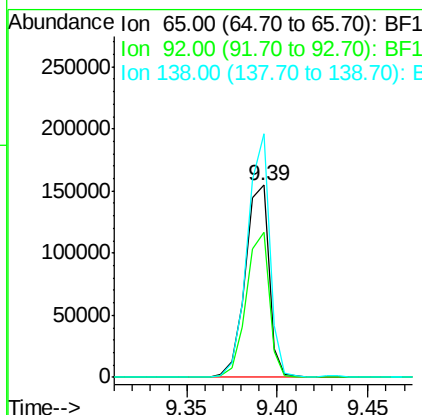
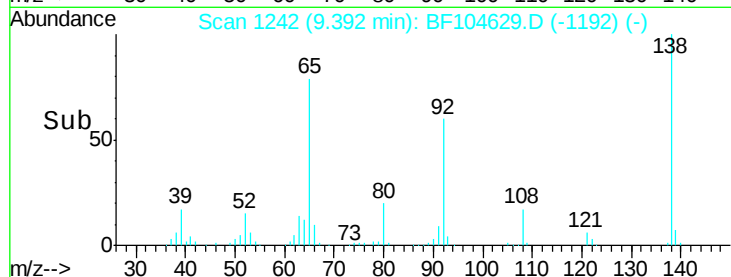
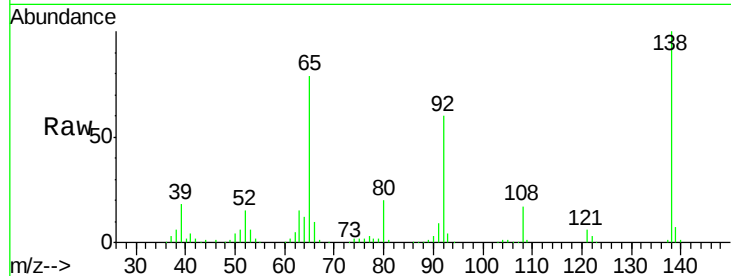
#47
 2-Nitroaniline
 Concen: 41.708 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion:	65	Resp:	141794
Ion Ratio	Lower	Upper	
65	100		
92	75.6	55.8	83.6
138	126.6	91.2	136.8

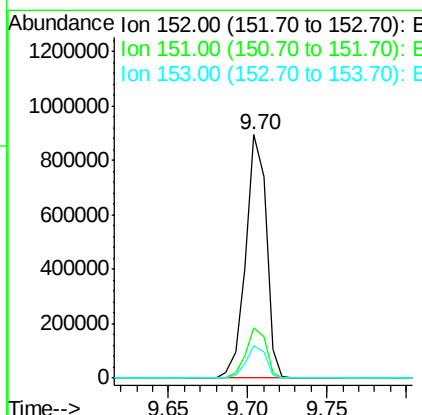
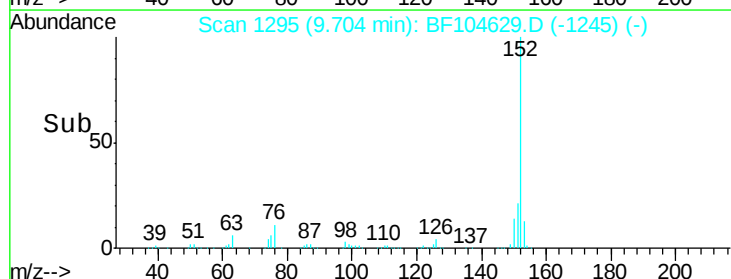
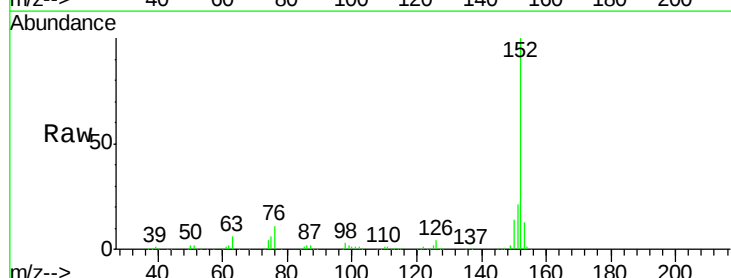
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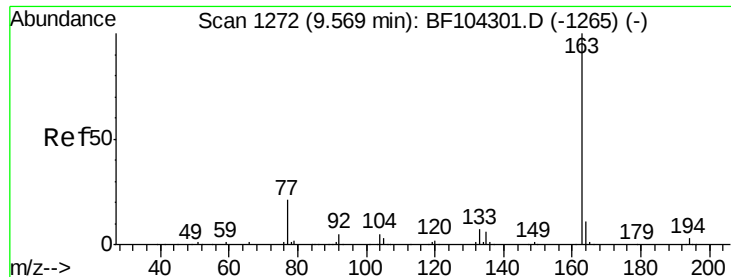
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#48
 Acenaphthylene
 Concen: 37.090 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:	152	Resp:	799989
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





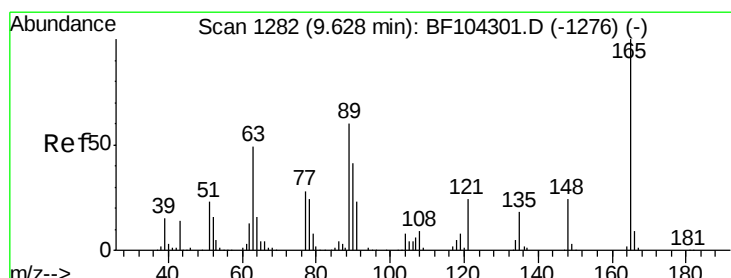
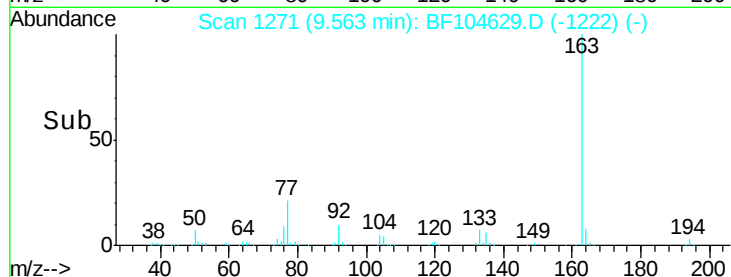
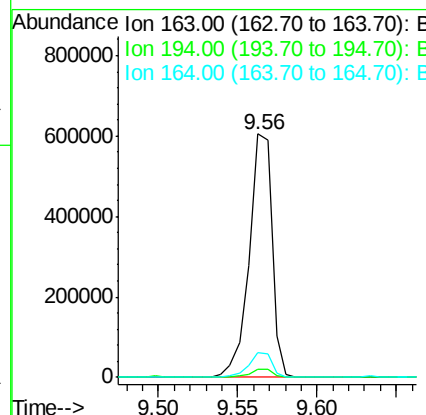
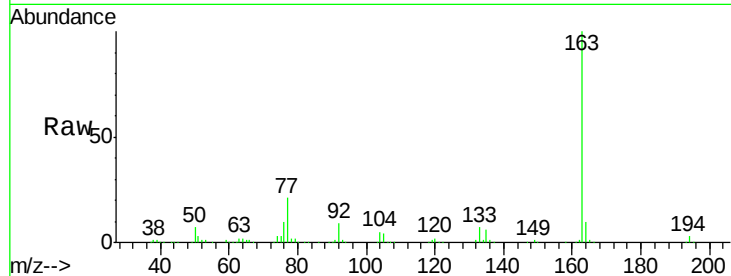
#49
Dimethylphthalate
Concen: 36.968 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.2	8.2	12.2	

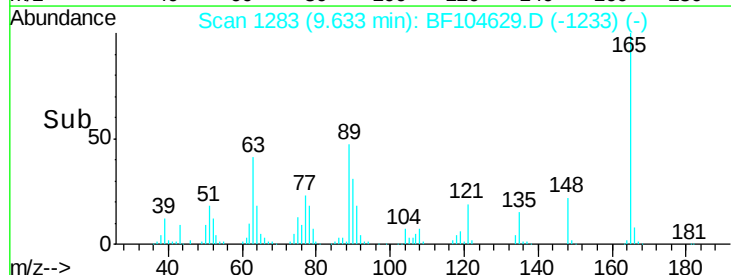
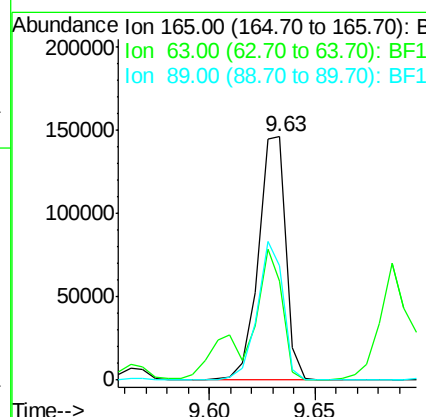
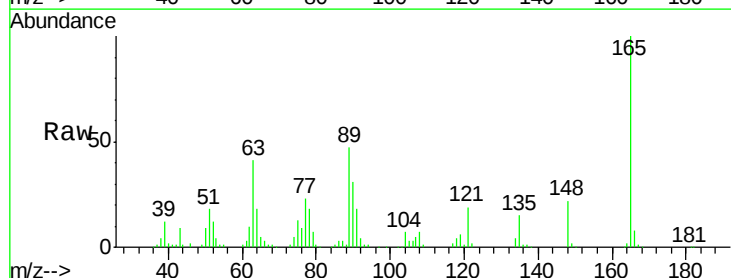
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#50
2,6-Dinitrotoluene
Concen: 44.016 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.7	44.7	67.1#	
89	46.8	44.0	66.0	





#51

Acenaphthene

Concen: 35.966 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

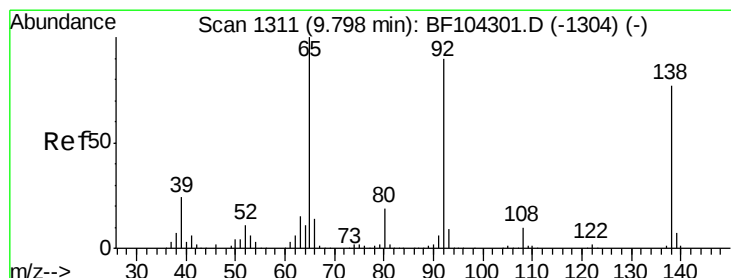
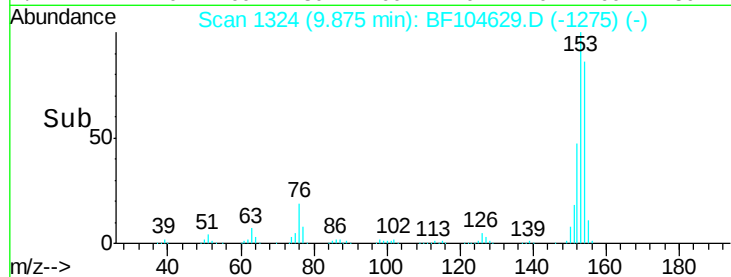
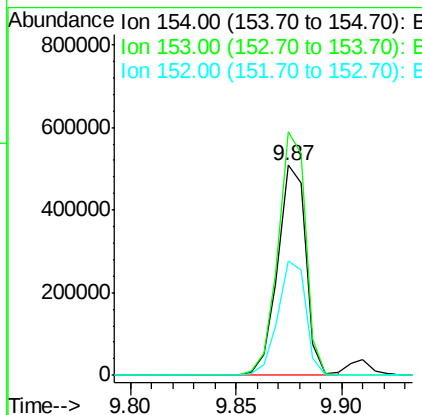
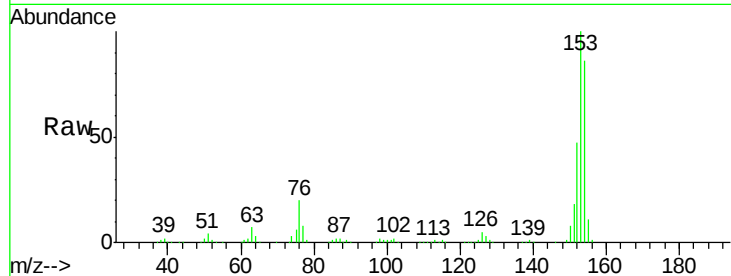
ClientSampleId :

PB108328BSD

Tot Ion:	154	Resp:	473307
Ion Ratio	Lower	Upper	
154	100		
153	116.0	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 14.910 ng

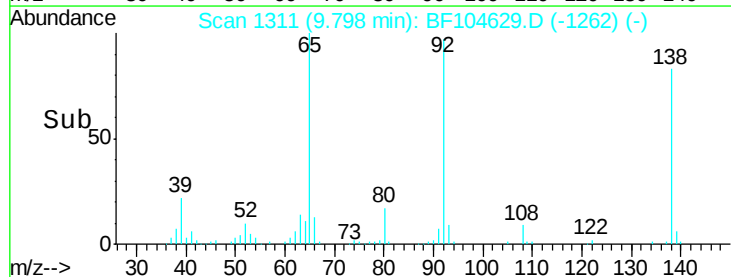
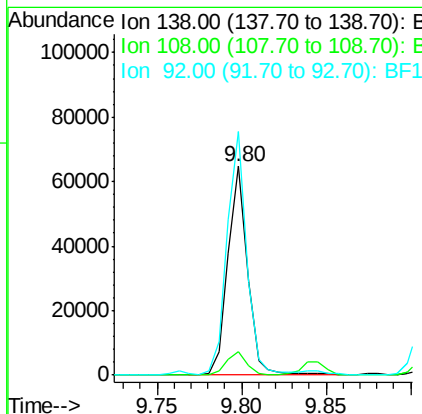
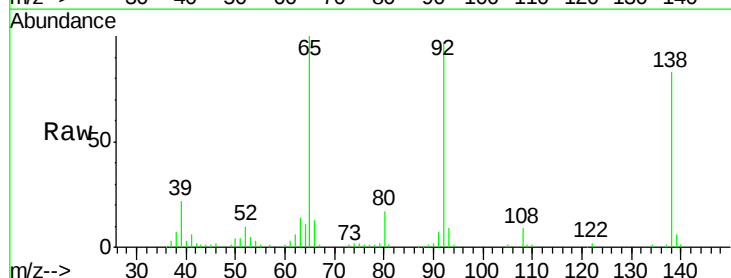
RT: 9.80 min Scan# 1311

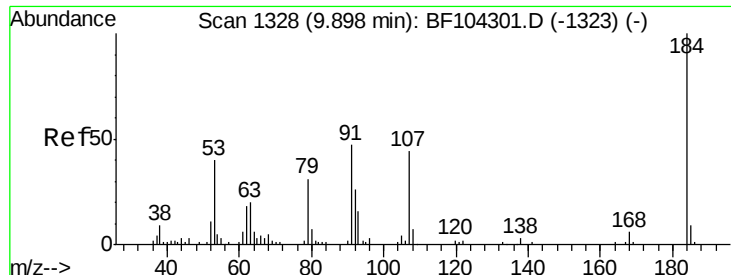
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	138	Resp:	52767
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	116.7	89.4	134.2





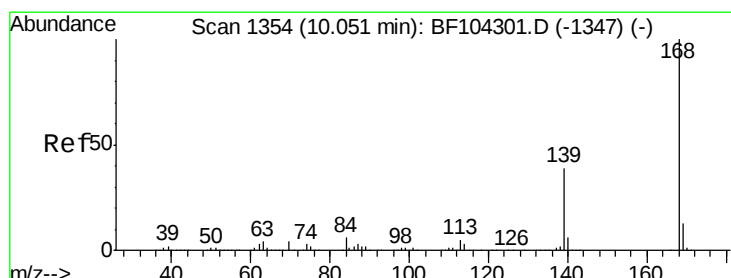
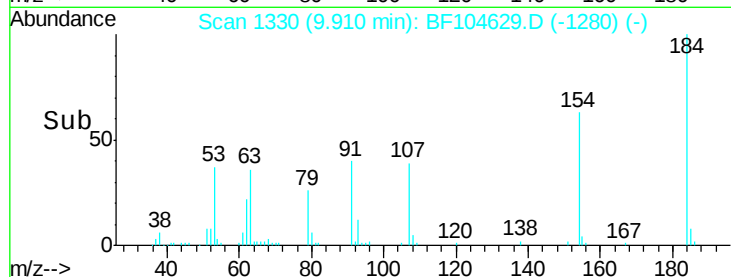
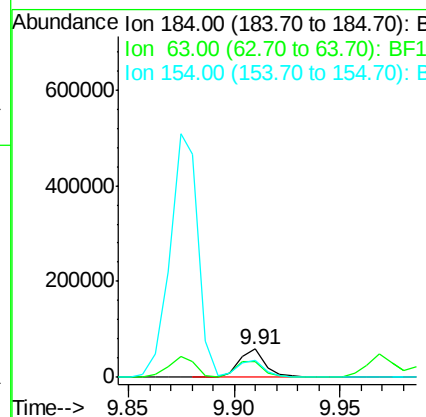
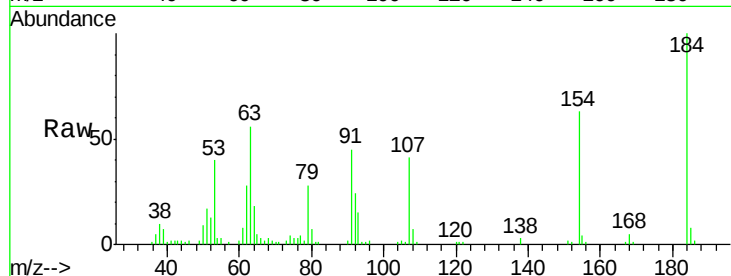
#53
 2,4-Dinitrophenol
 Concen: 50.570 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion:184 Resp: 51473
 Ion Ratio Lower Upper
 184 100
 63 56.2 54.2 81.2
 154 63.0 184.0 276.0#

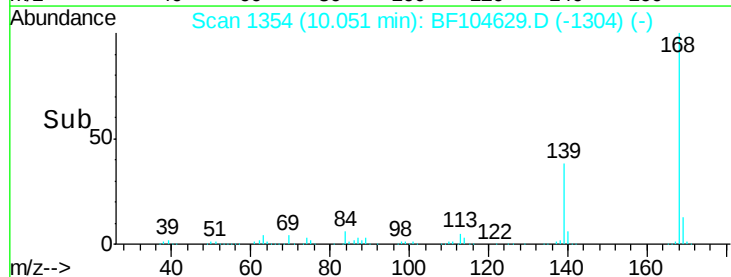
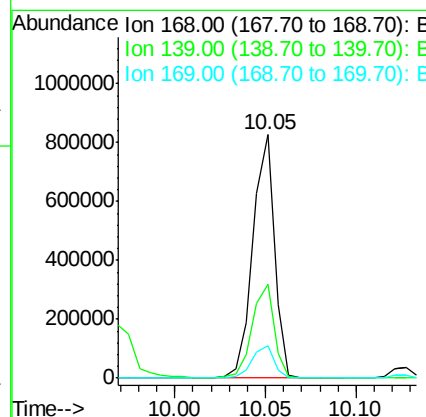
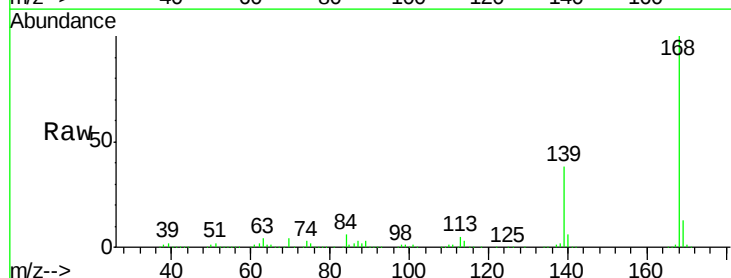
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#54
 Dibenzofuran
 Concen: 37.545 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:168 Resp: 688565
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.3 10.9 16.3





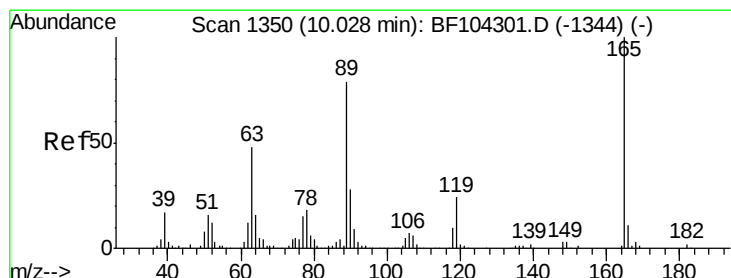
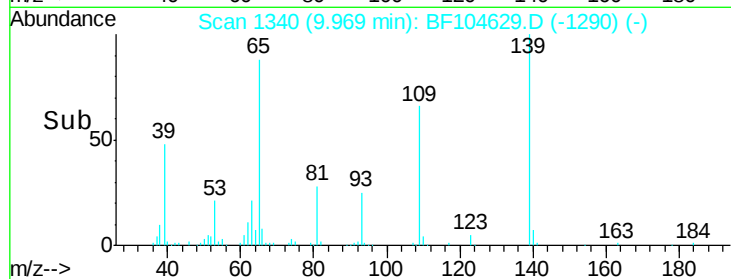
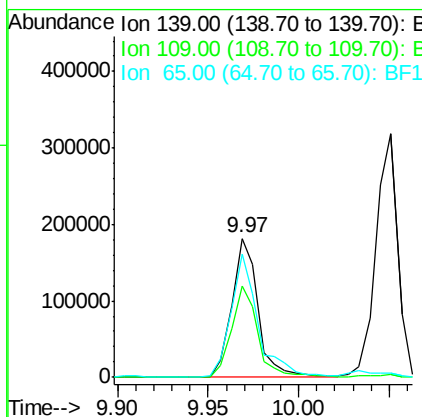
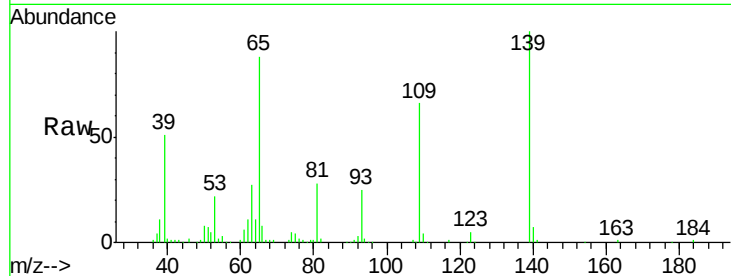
#55
4-Nitrophenol
Concen: 66.331 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184406		
109	65.8	48.4	88.4	
65	88.4	72.6	112.6	

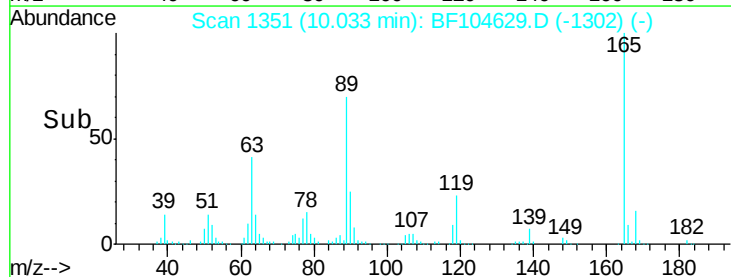
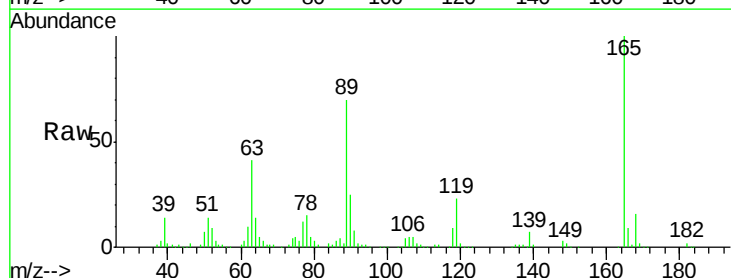
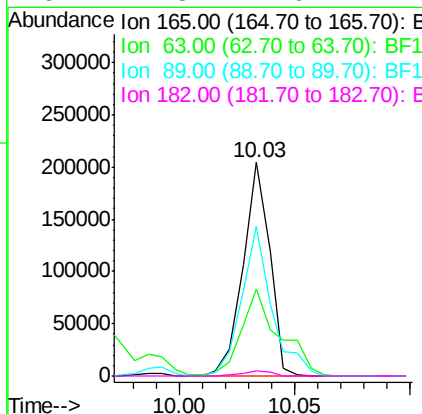
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#56
2,4-Dinitrotoluene
Concen: 41.738 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165509		
63	40.9	36.4	54.6	
89	70.1	57.8	86.6	
182	2.3	1.6	2.4	





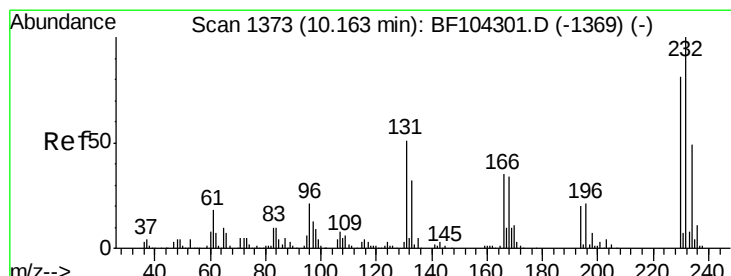
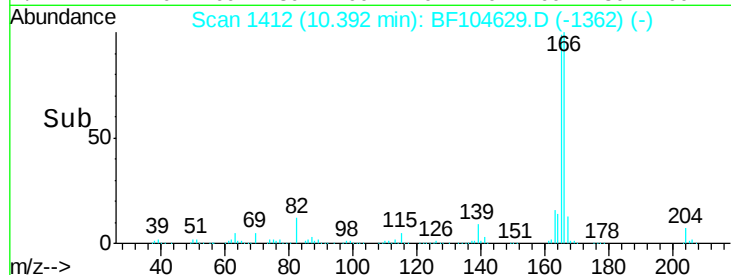
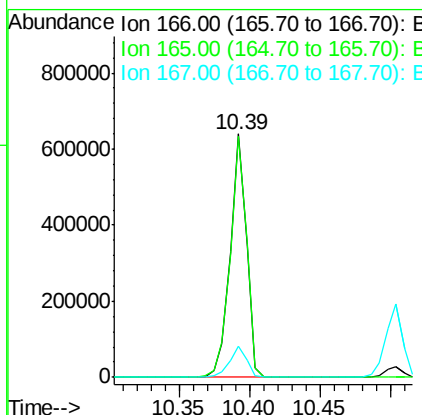
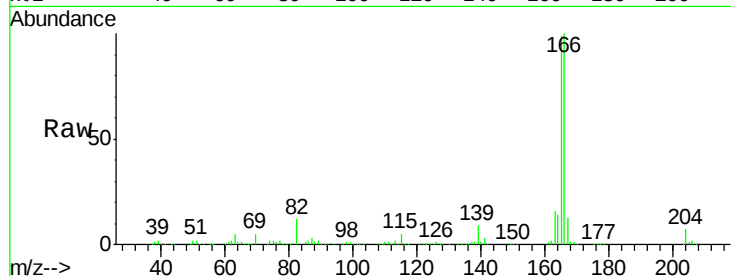
#57
Fluorene
 Concen: 38.446 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	513221		
165	99.3	79.8	119.8	
167	13.0	10.6	16.0	

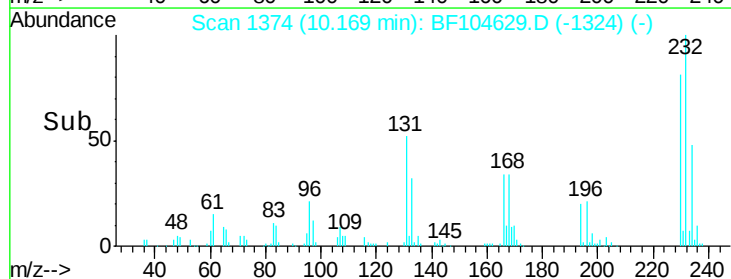
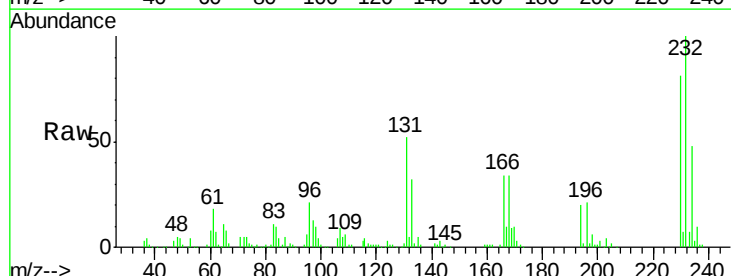
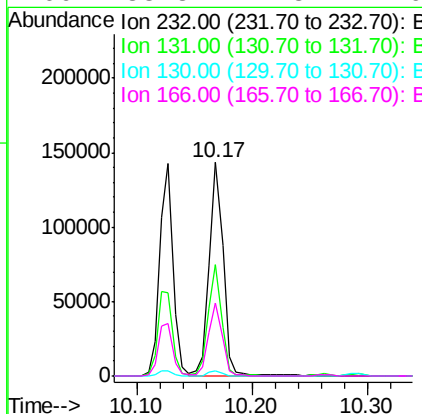
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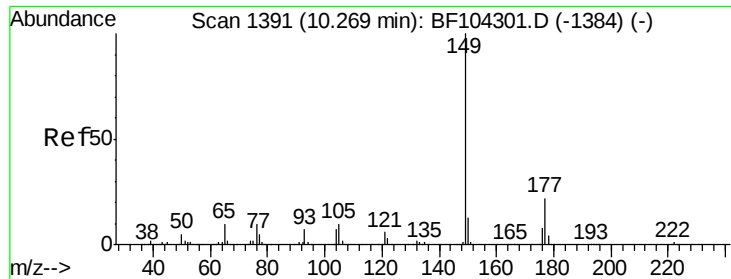
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.393 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	121645		
131	49.9	43.8	65.8	
130	2.3	2.1	3.1	
166	33.3	27.8	41.6	





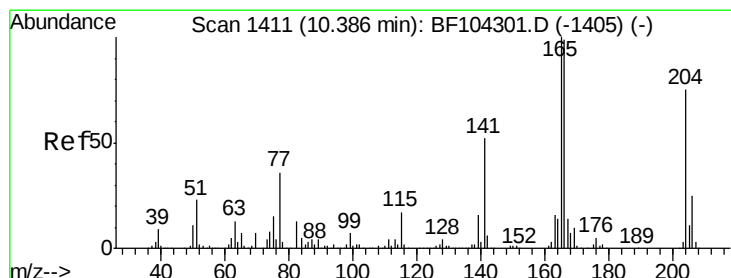
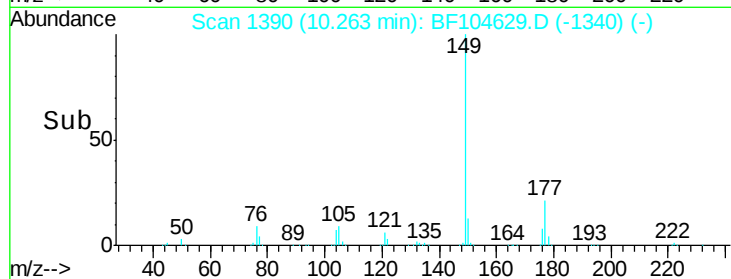
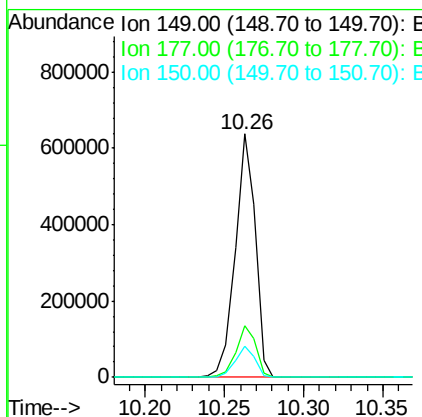
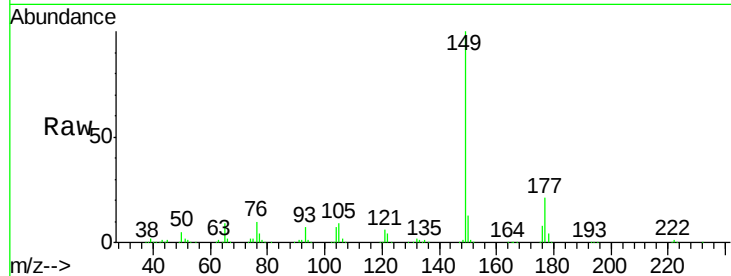
#59
Diethylphthalate
Concen: 34.400 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.6	10.1	15.1

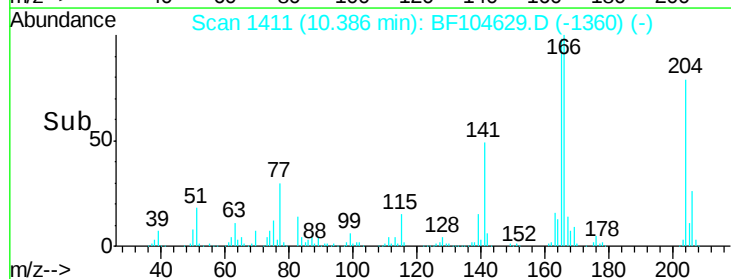
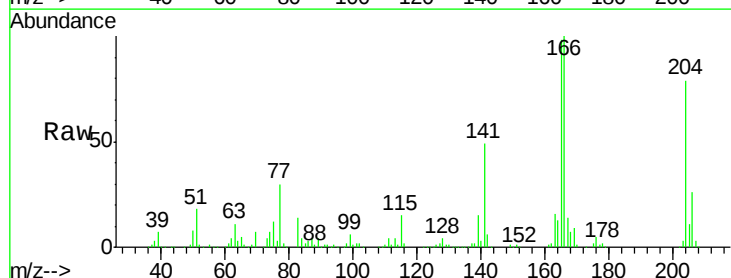
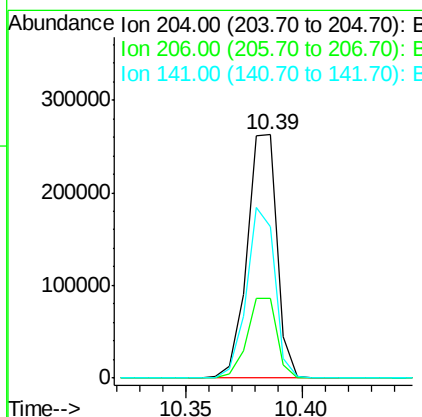
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#60
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	62.3	54.6	81.8





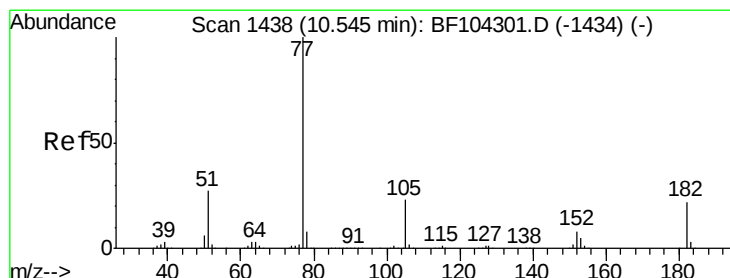
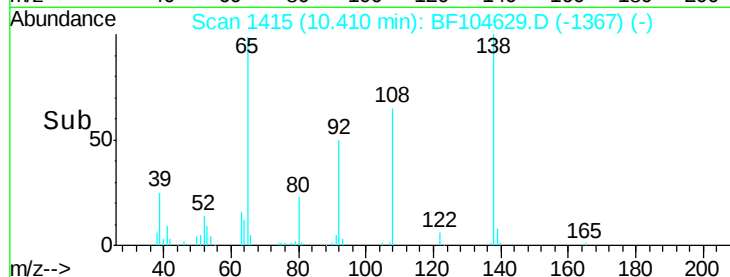
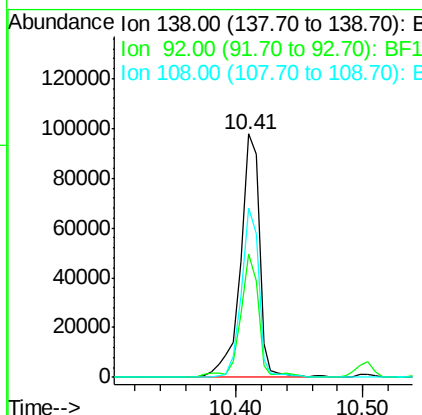
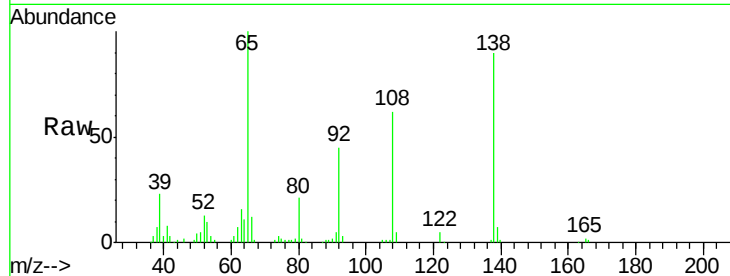
#61
4-Nitroaniline
Concen: 29.423 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	69.7	52.5	92.5

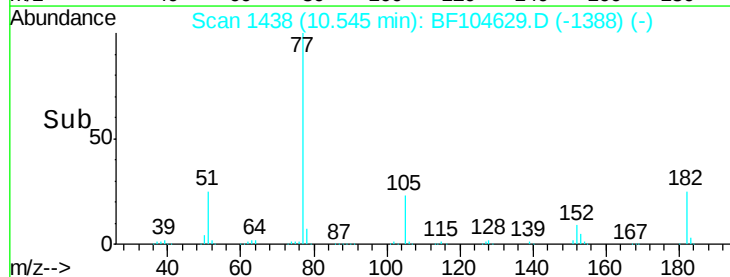
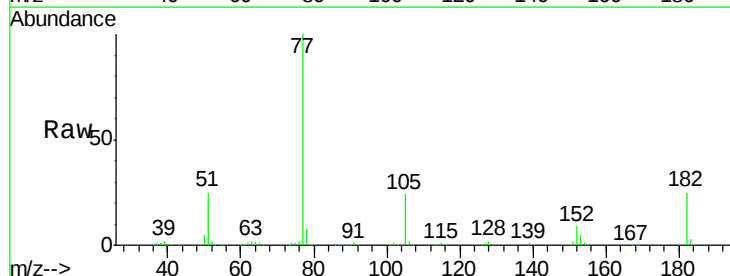
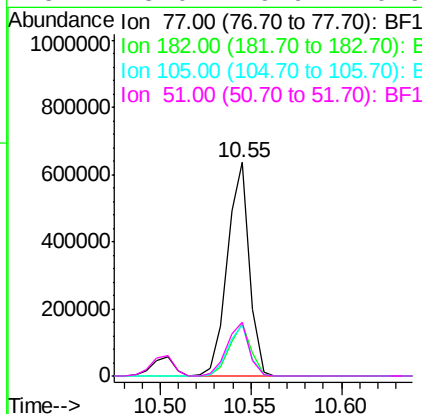
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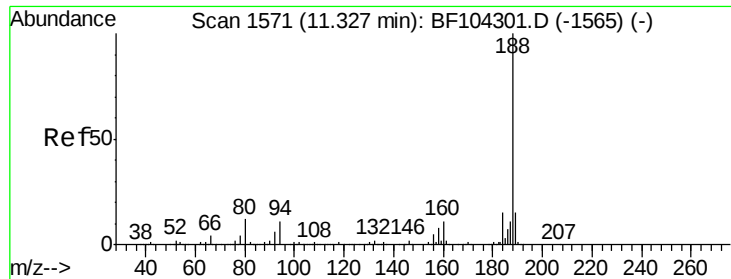
Sohil
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#62
Azobenzene
Concen: 34.438 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	1.7	41.7
105	24.0	3.0	43.0
51	25.0	9.9	49.9





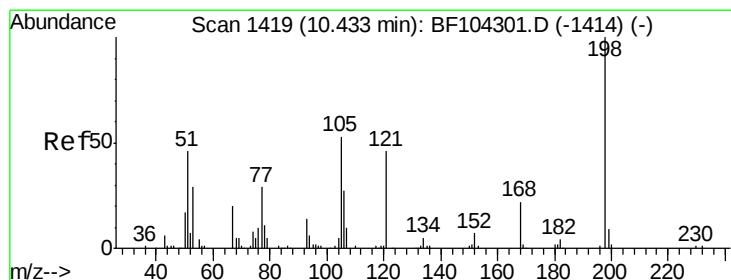
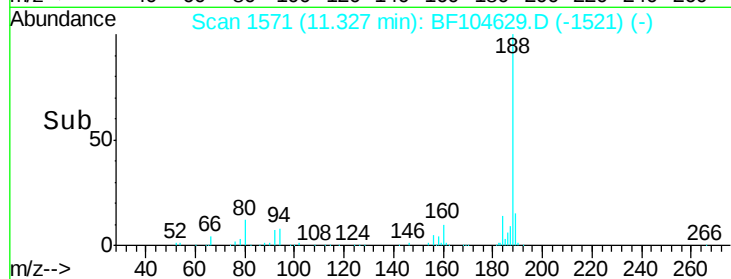
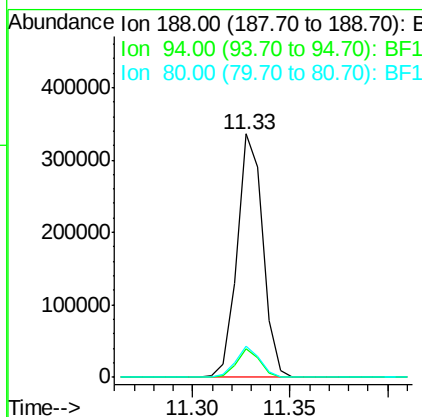
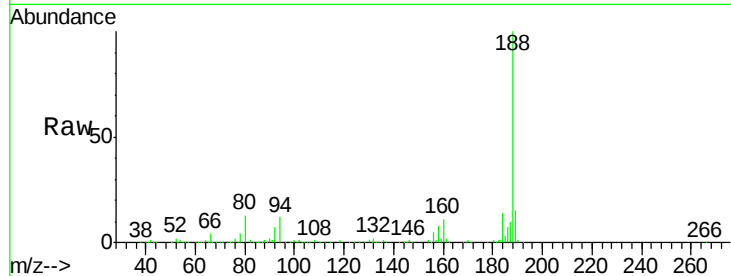
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	306292		
94	11.8		8.5	12.7
80	12.7		9.2	13.8

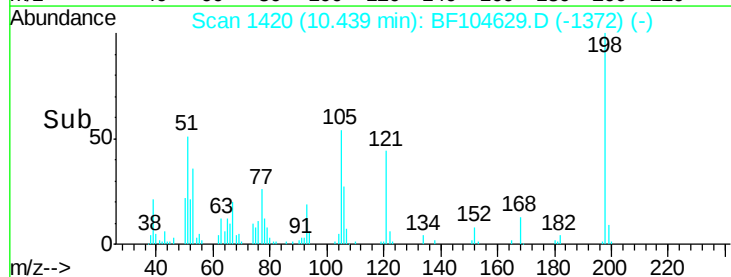
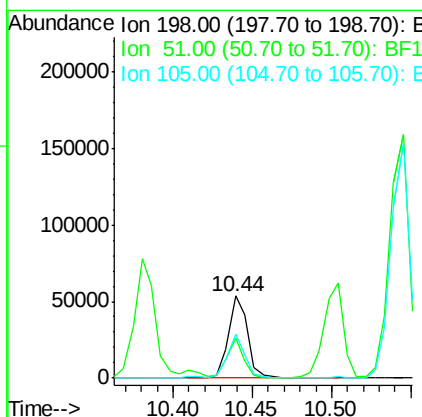
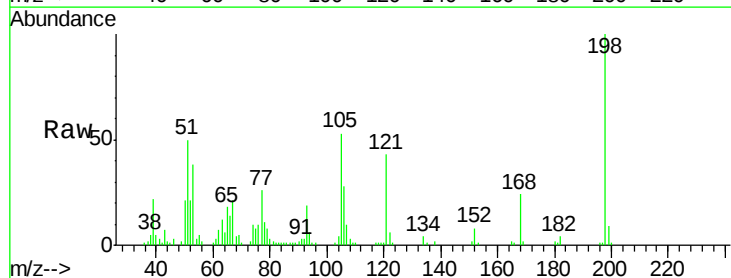
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.845 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44910		
51	49.5		37.7	77.7
105	52.9		36.3	76.3





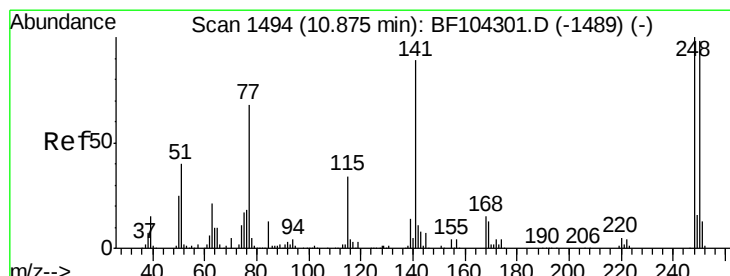
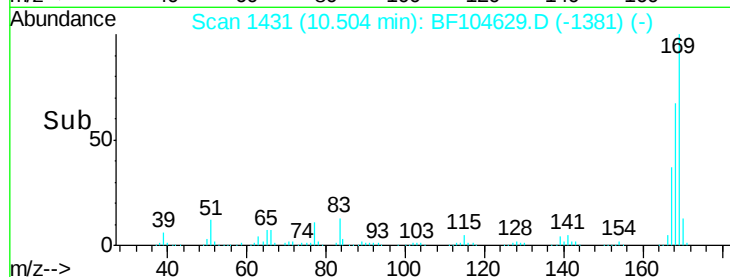
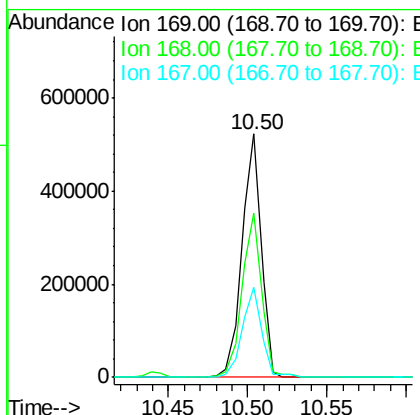
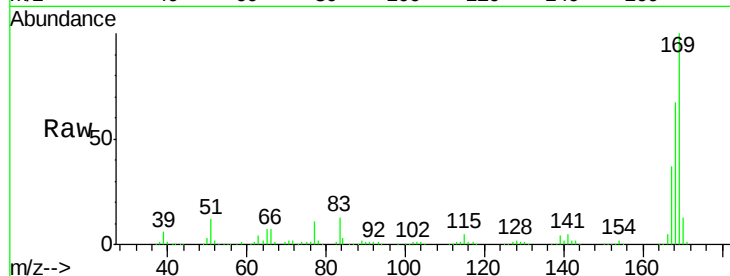
#65
 n-Nitrosodiphenylamine
 Concen: 41.156 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.2	29.8	44.6

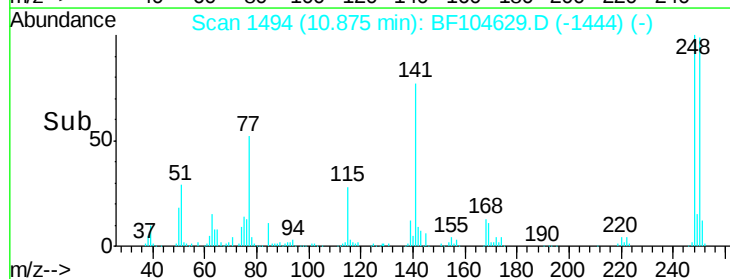
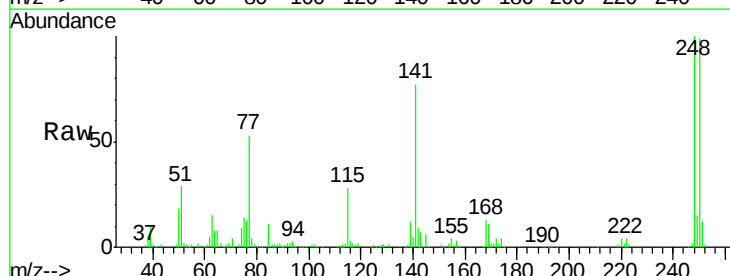
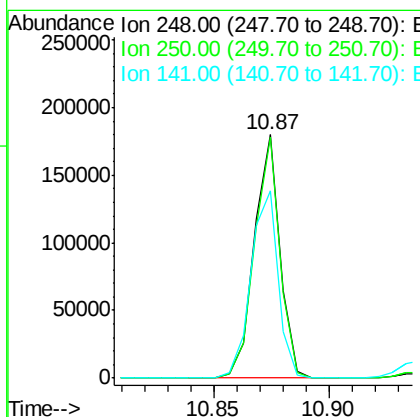
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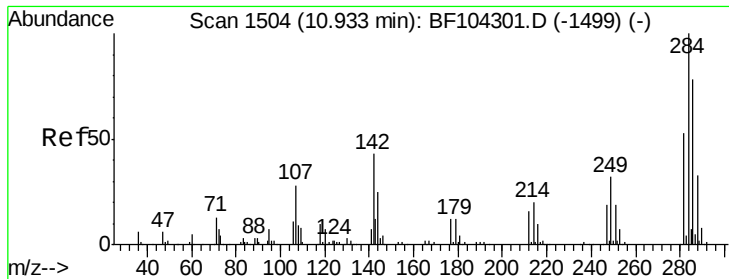
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#66
 4-Bromophenyl-phenylether
 Concen: 42.999 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.9	115.3
141	76.8	74.4	111.6





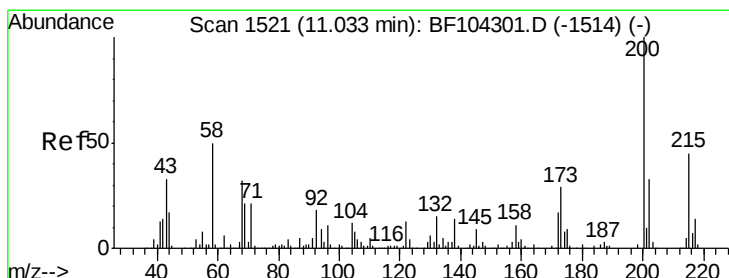
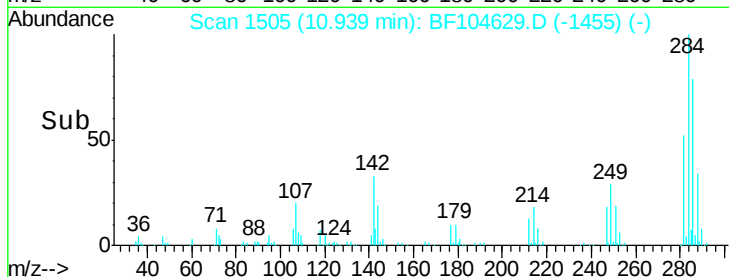
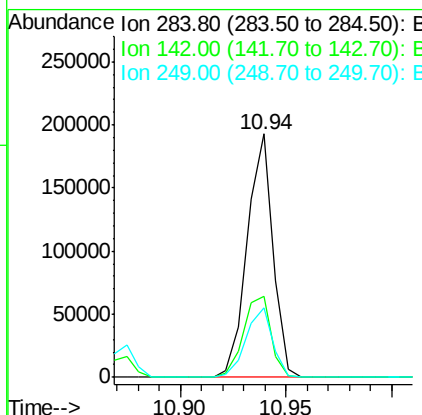
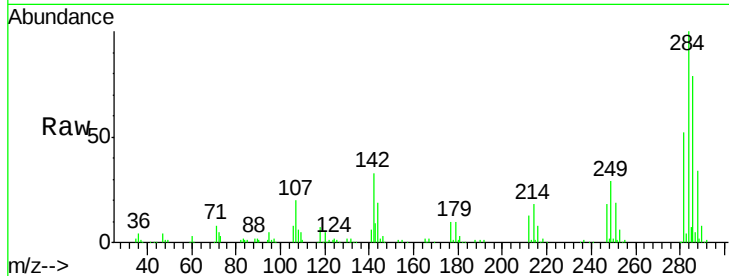
#67
Hexachlorobenzene
Concen: 44.787 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	164184		
142	33.1	34.6	52.0	
249	28.6	24.8	37.2	

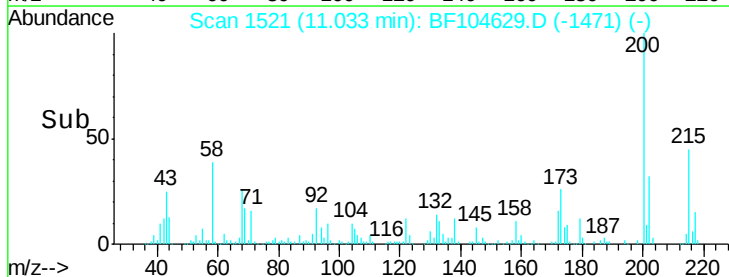
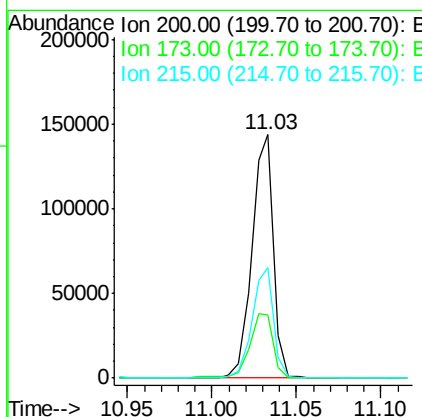
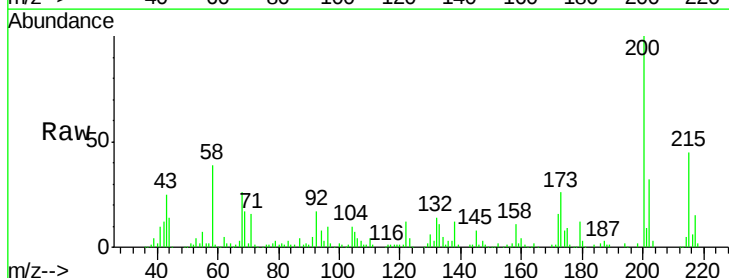
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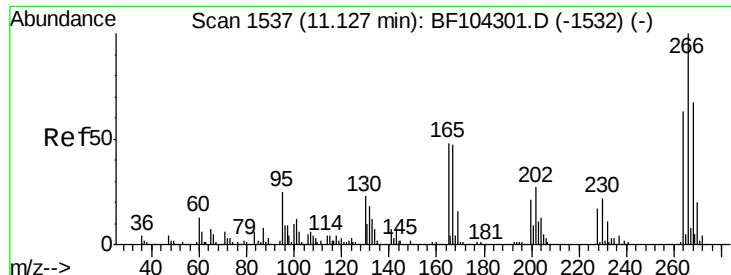
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#68
Atrazine
Concen: 39.865 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	127790		
173	26.0	8.6	48.6	
215	45.2	25.1	65.1	





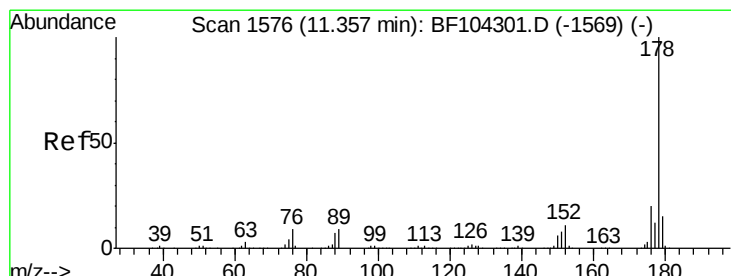
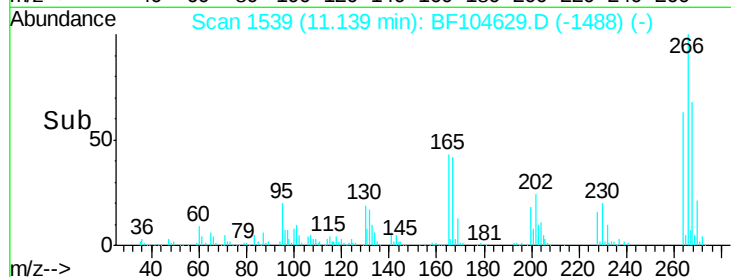
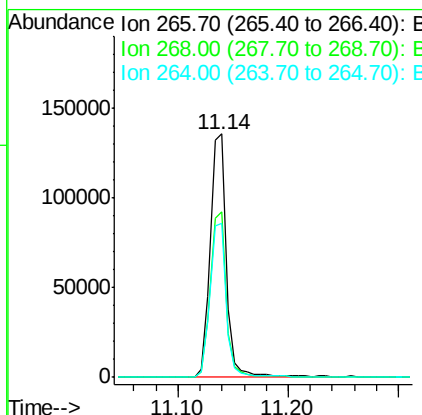
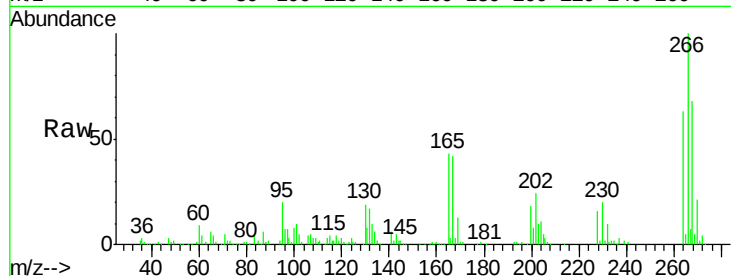
#69
 Pentachlorophenol
 Concen: 59.927 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.1	76.7
264	63.2	49.5	74.3

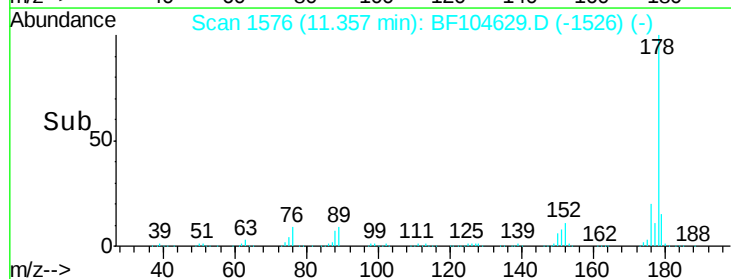
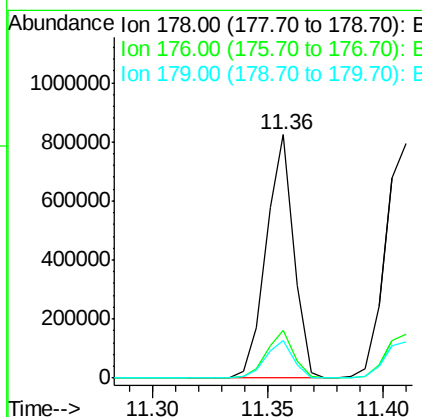
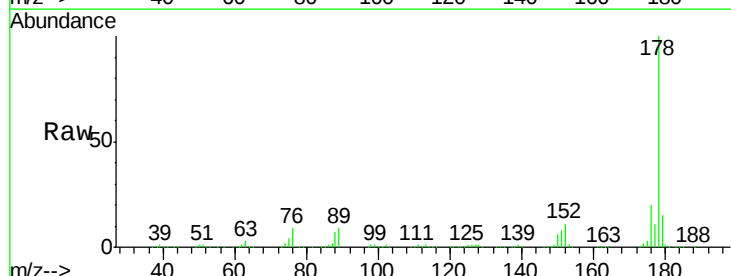
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#70
 Phenanthrene
 Concen: 40.101 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6





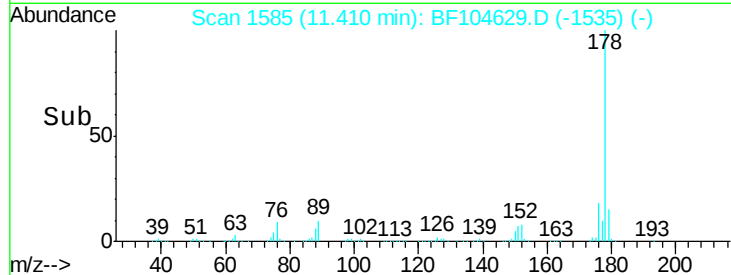
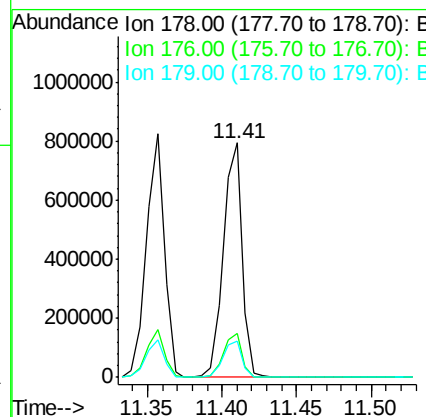
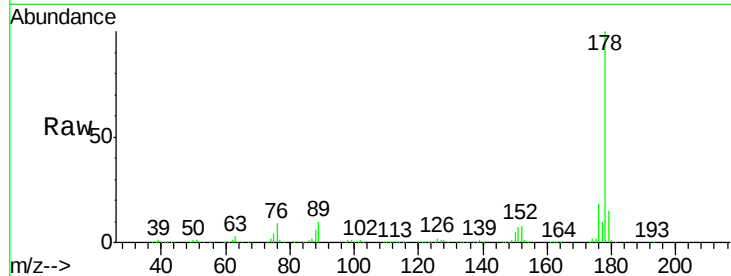
#71
 Anthracene
 Concen: 40.577 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.3	12.6	19.0

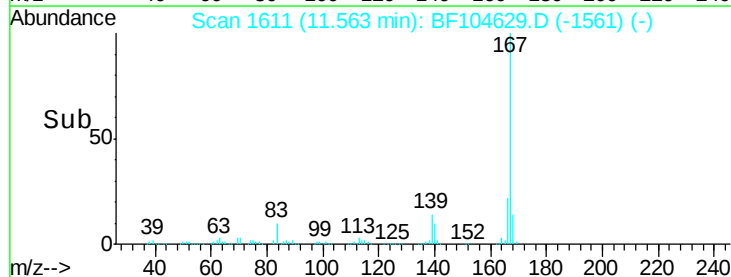
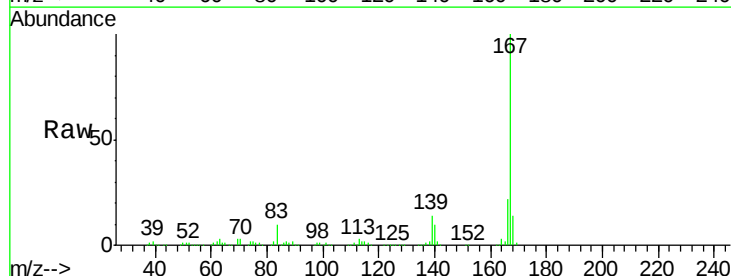
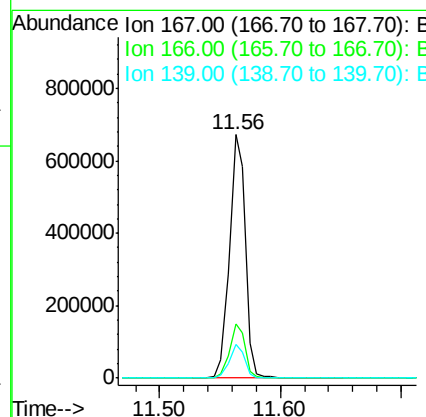
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#72
 Carbazole
 Concen: 35.974 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.117 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

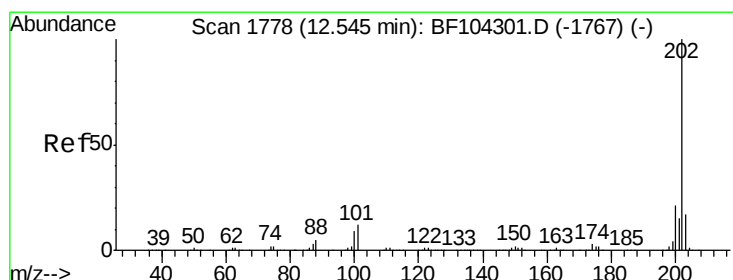
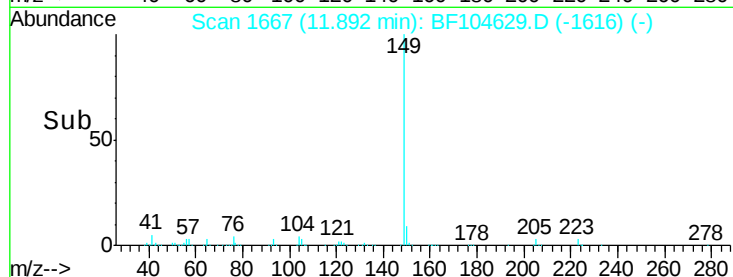
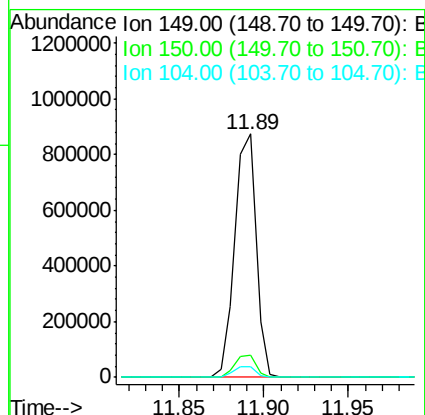
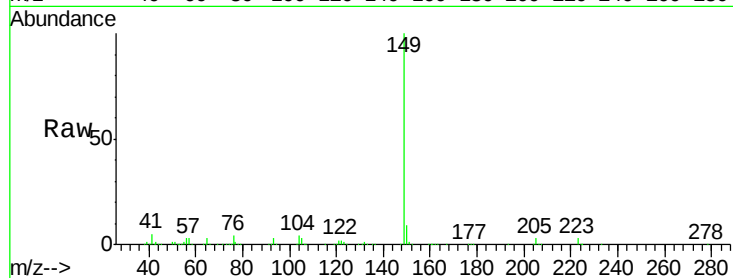
ClientSampleId :

PB108328BSD

Tot Ion:	149	Resp:	768211
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.3	3.8	5.8

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#74

Fluoranthene

Concen: 38.191 ng

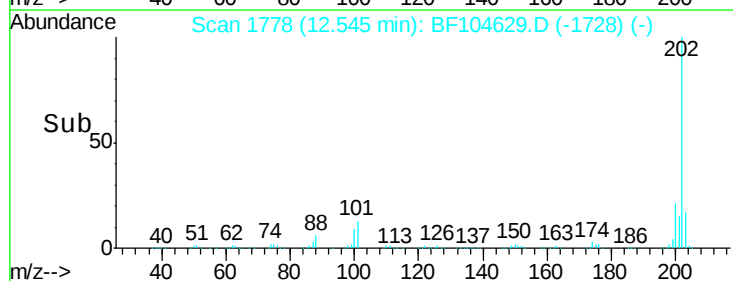
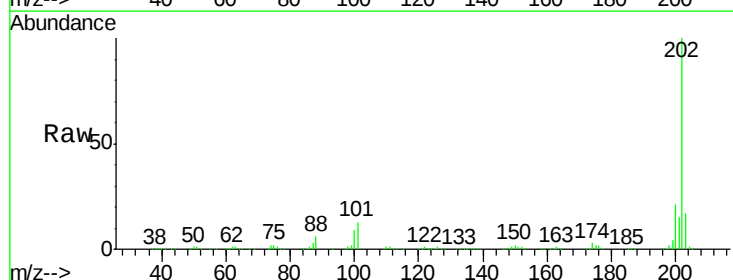
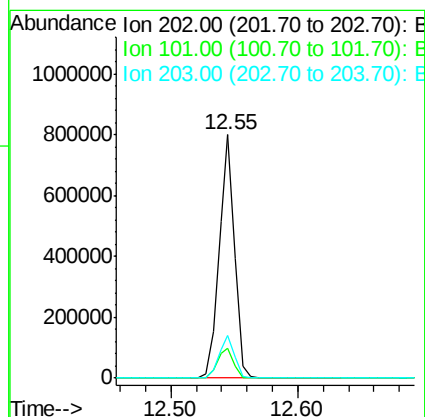
RT: 12.55 min Scan# 1778

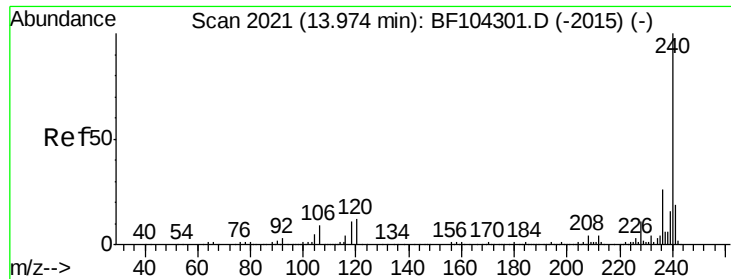
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	202	Resp:	680619
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

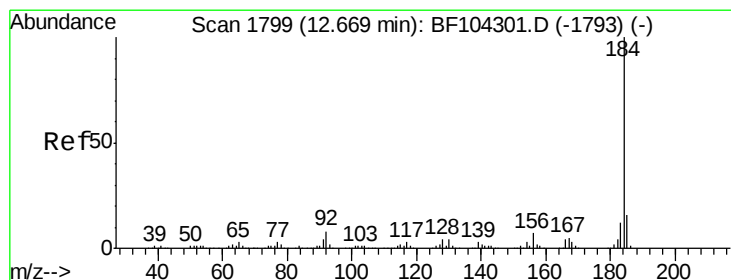
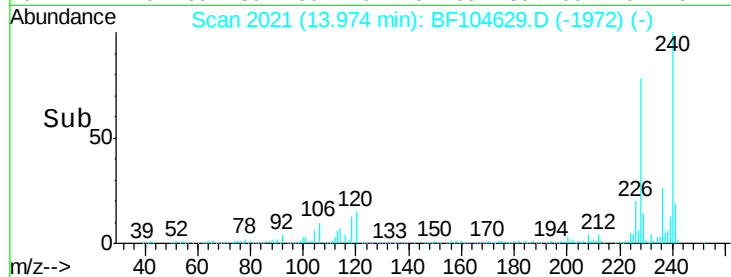
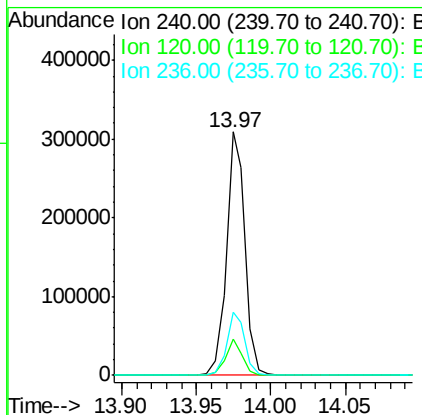
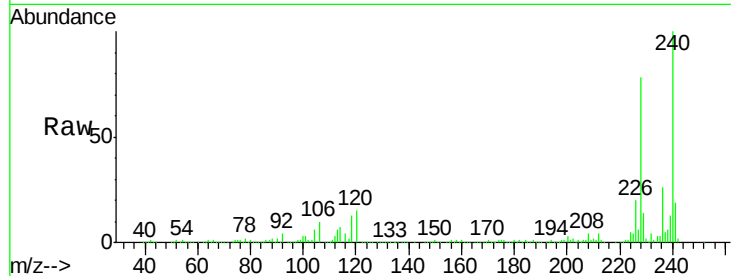
ClientSampleId :

PB108328BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 21.607 ng

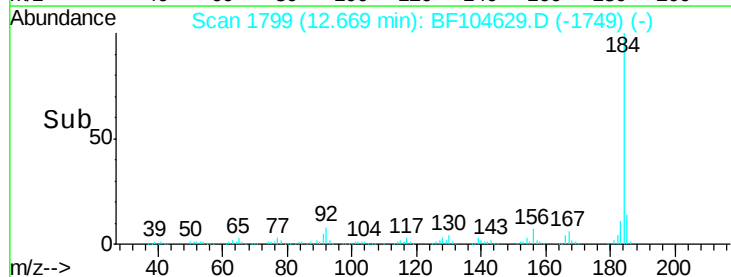
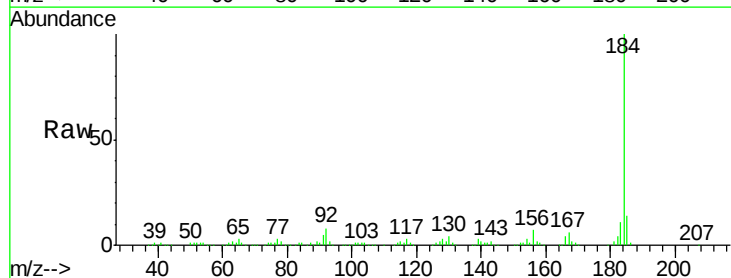
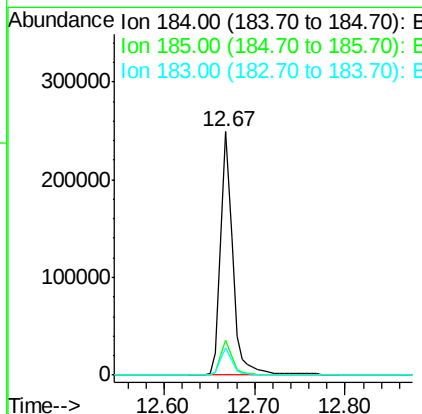
RT: 12.67 min Scan# 1799

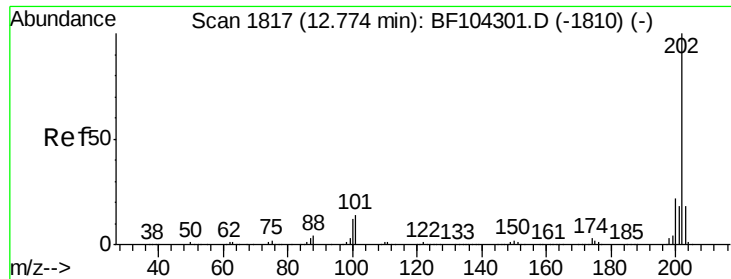
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.4	9.3	13.9





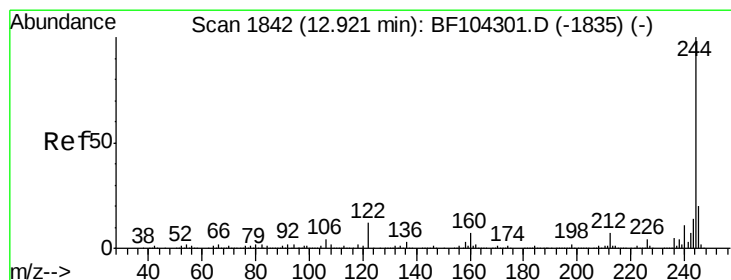
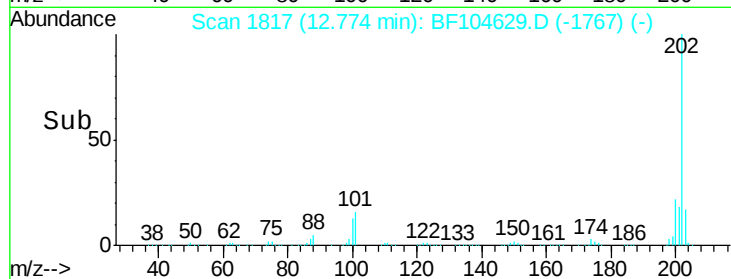
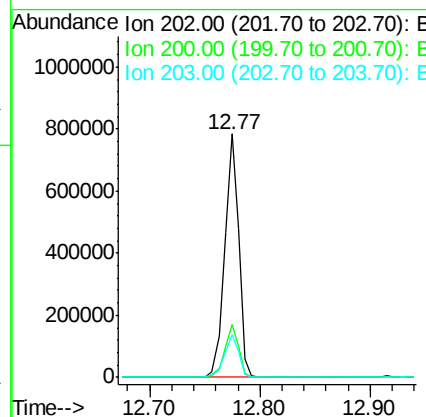
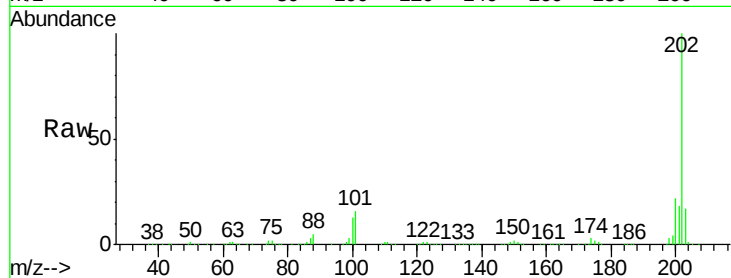
#77
Pvrene
Concen: 34.575 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	691116		
200	21.7		17.4	26.2
203	17.5		14.3	21.5

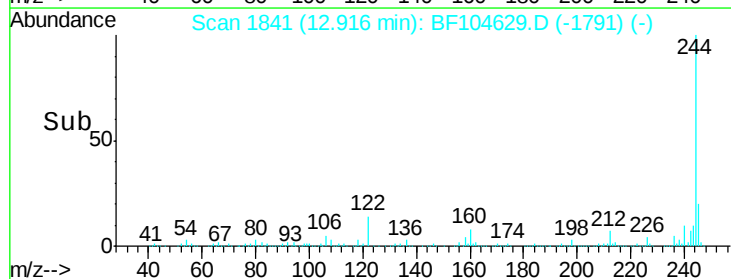
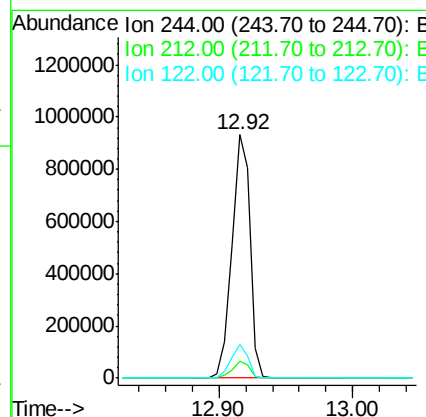
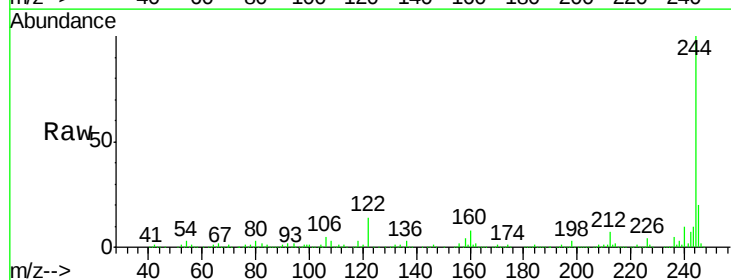
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#78
Terphenyl-d14
Concen: 75.694 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	895356		
212	6.8		5.4	8.0
122	13.7		11.0	16.4





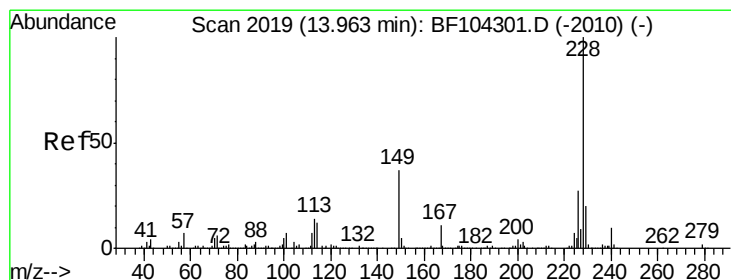
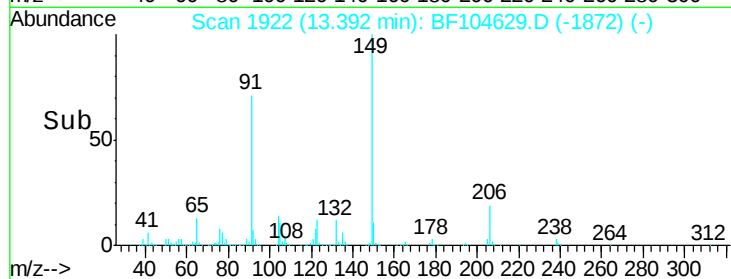
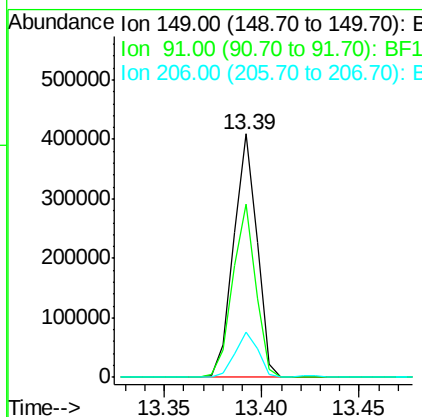
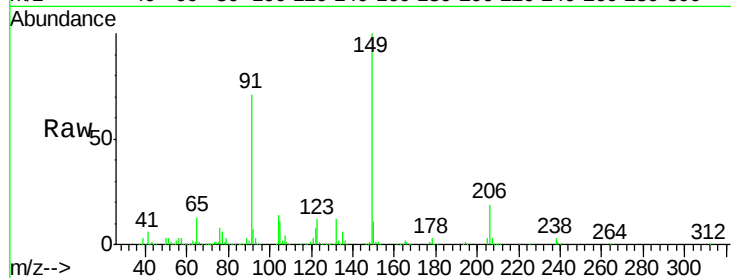
#79
Butylbenzylphthalate
Concen: 36.095 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	18.7	14.1	21.1

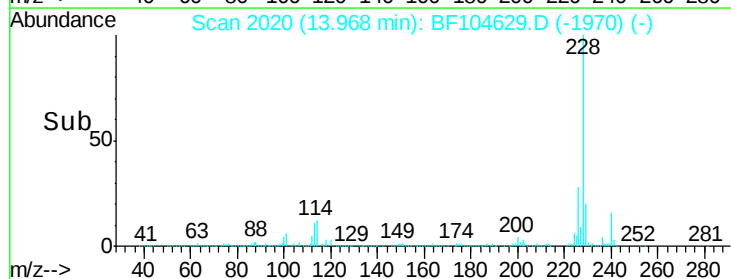
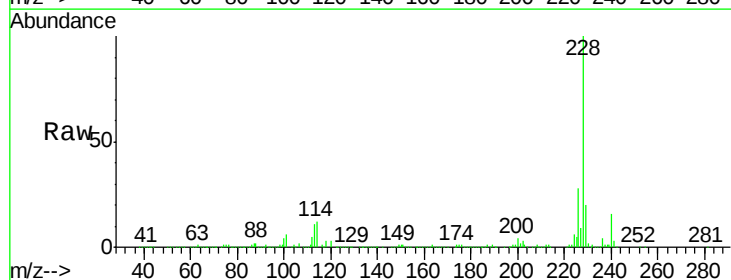
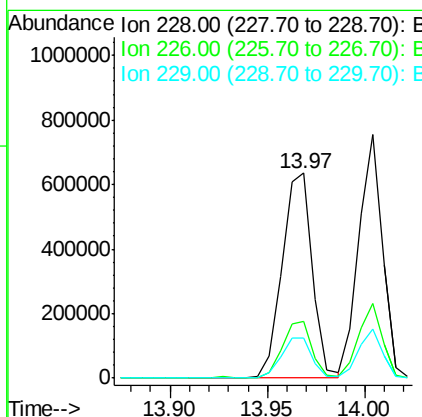
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#80
Benzo(a)anthracene
Concen: 42.142 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6





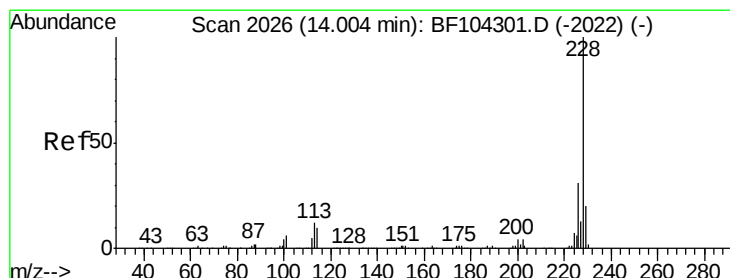
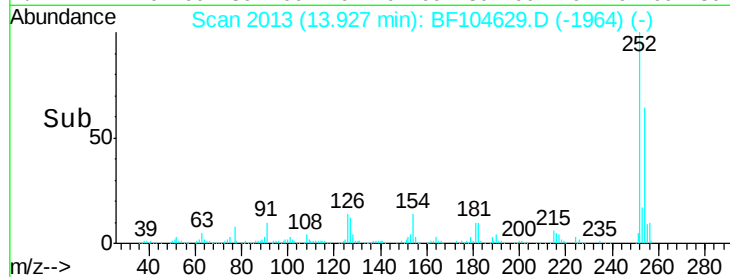
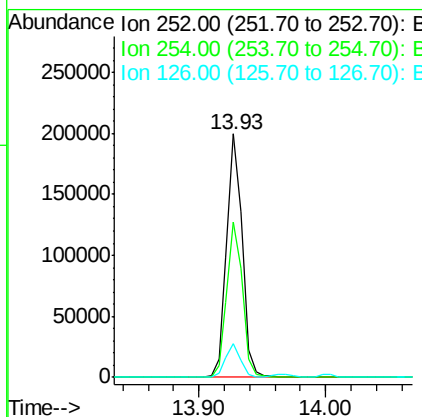
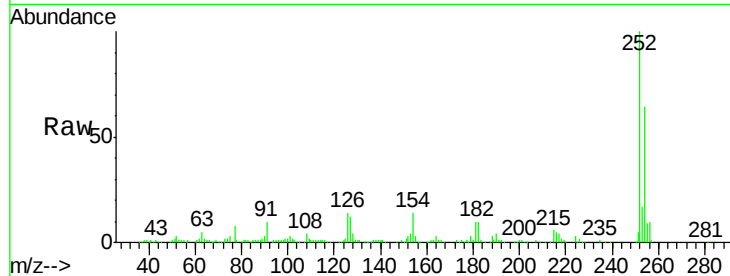
#81
 3,3'-Dichlorobenzidine
 Concen: 28.354 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	170317		
254	63.5	50.4	75.6	
126	13.6	11.3	16.9	

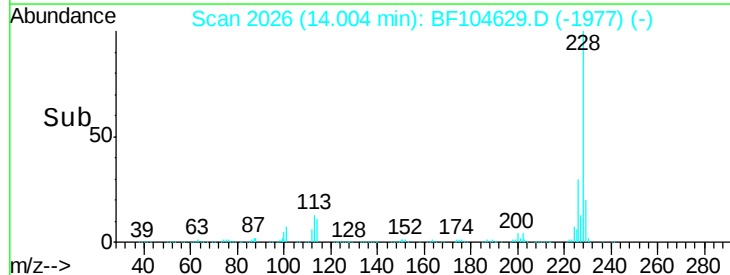
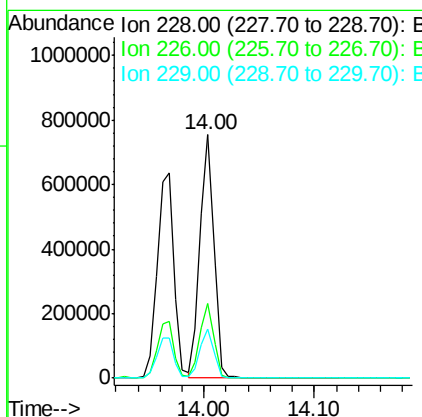
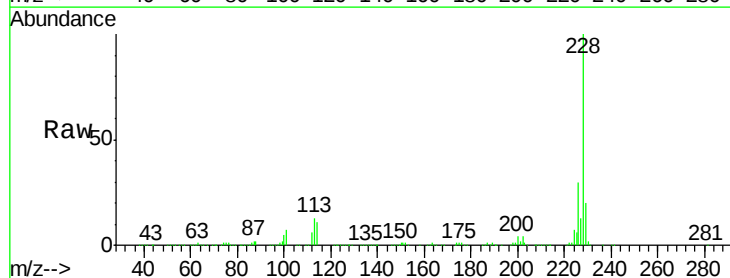
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#82
 Chrysene
 Concen: 38.923 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	644103		
226	30.4	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.508 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

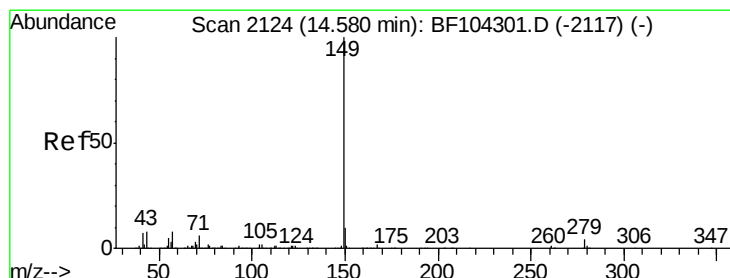
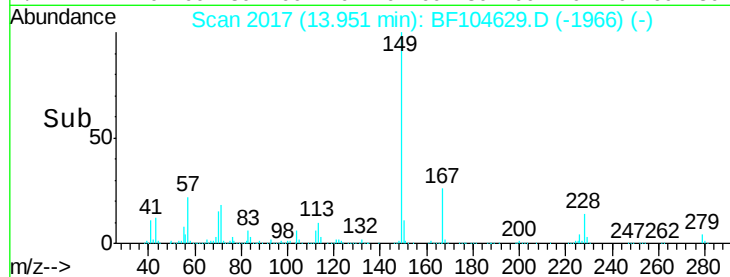
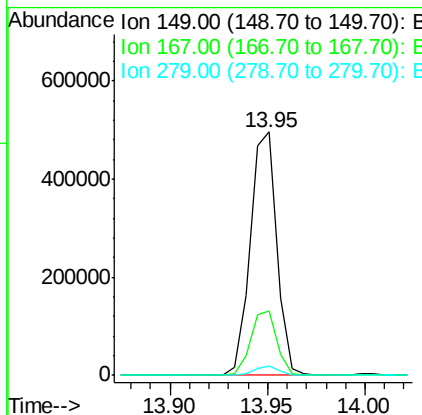
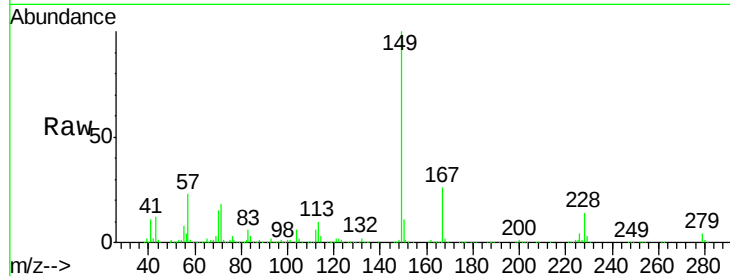
ClientSampleId :

PB108328BSD

Tot Ion:	149	Resp:	466437
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.7	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.798 ng

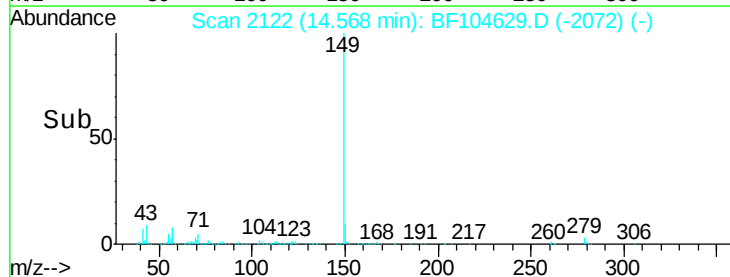
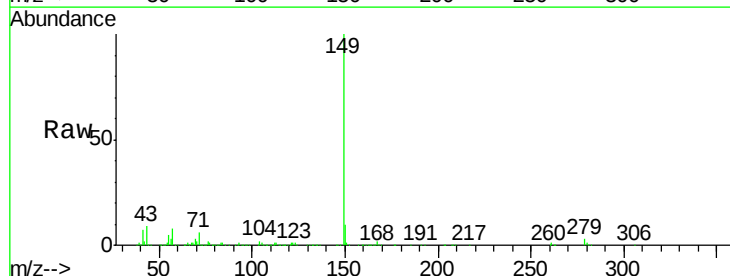
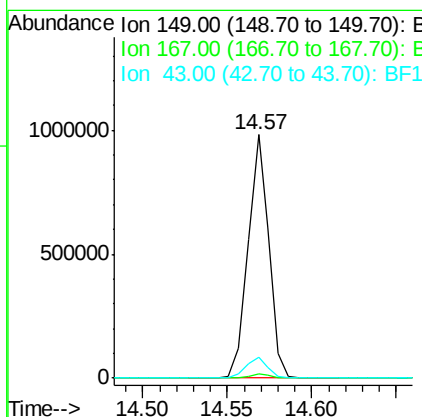
RT: 14.57 min Scan# 2122

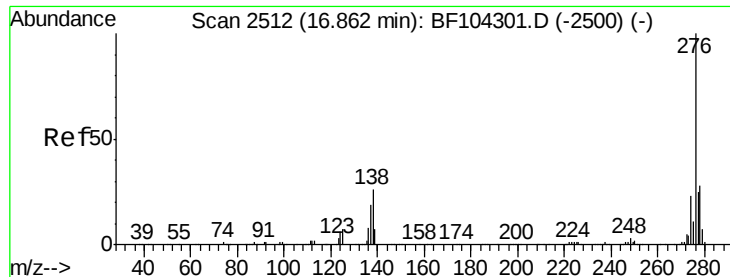
Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:	149	Resp:	845974
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





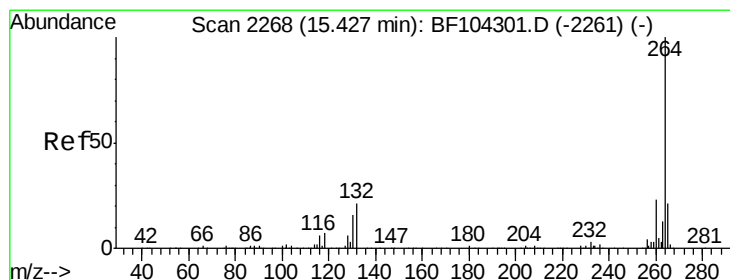
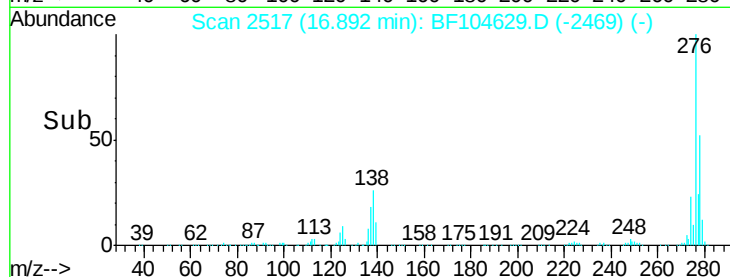
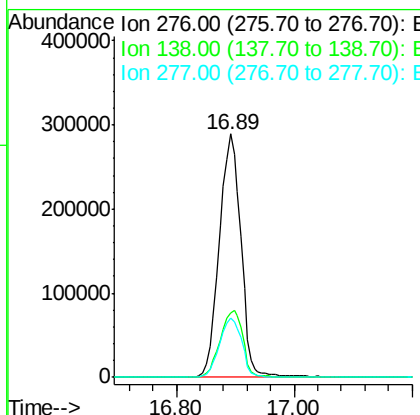
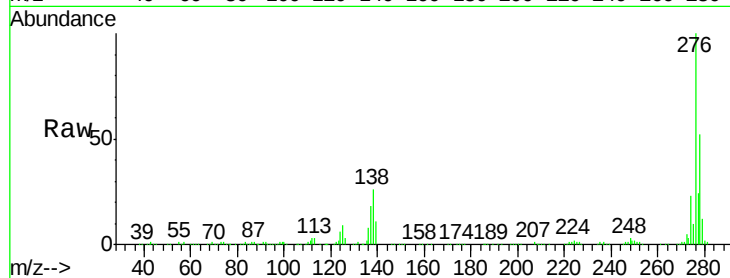
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.658 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.2	20.1	30.1

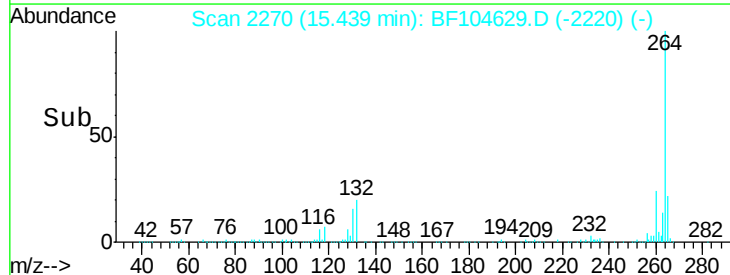
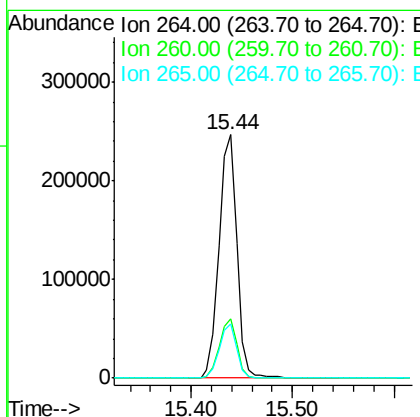
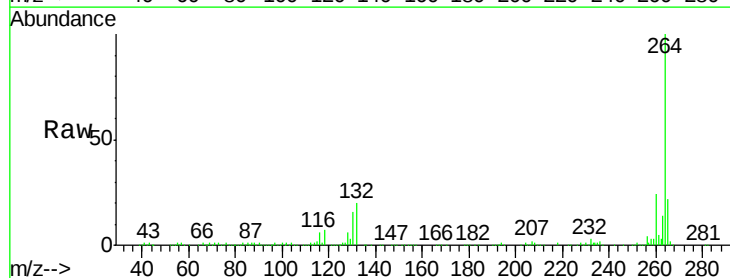
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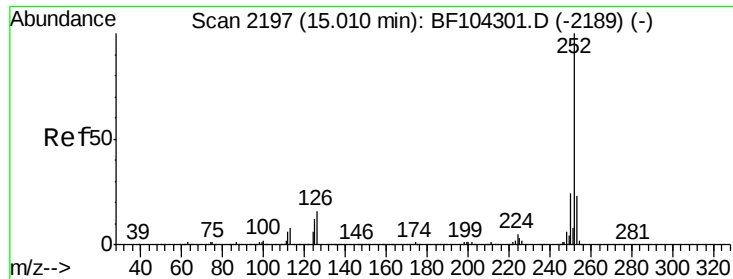
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3





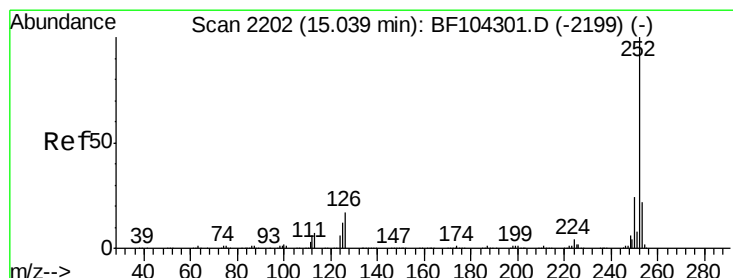
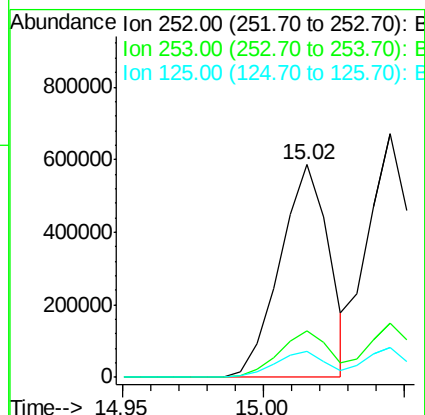
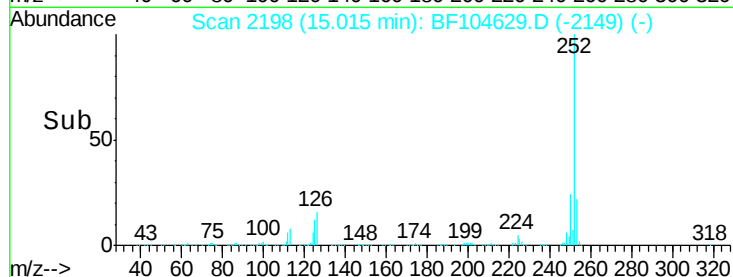
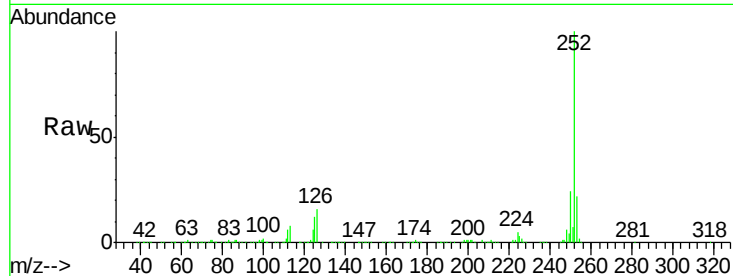
#87
Benzo(b)fluoranthene
Concen: 36.976 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.1	9.0	13.6

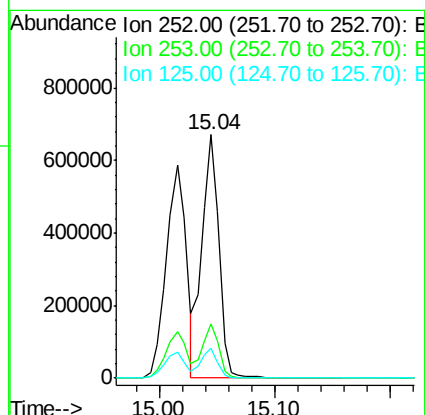
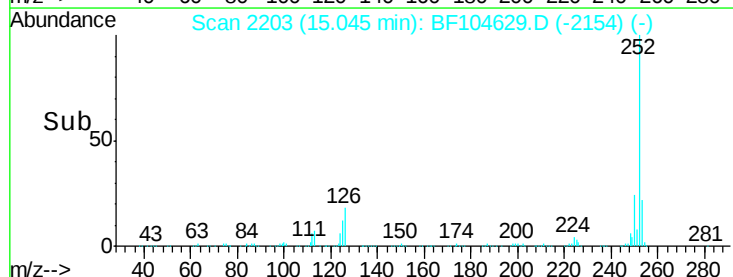
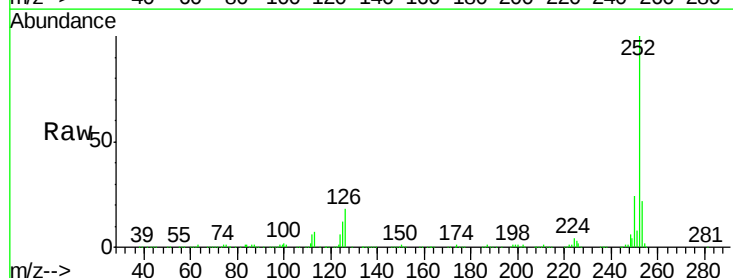
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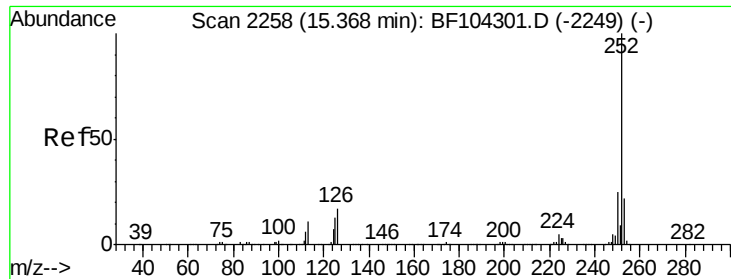
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#88
Benzo(k)fluoranthene
Concen: 38.538 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.3	10.2	15.2





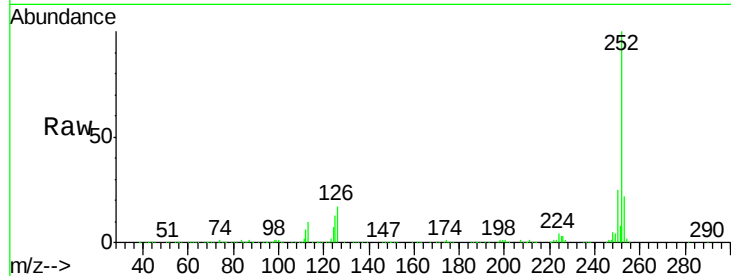
#89
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

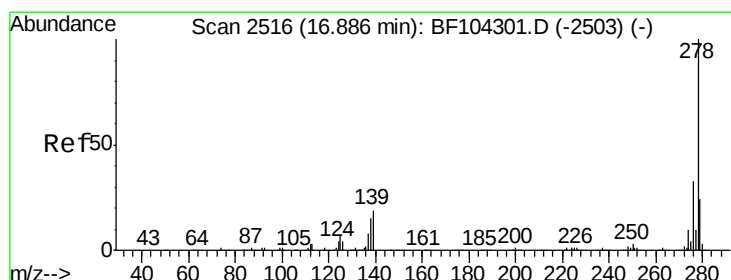
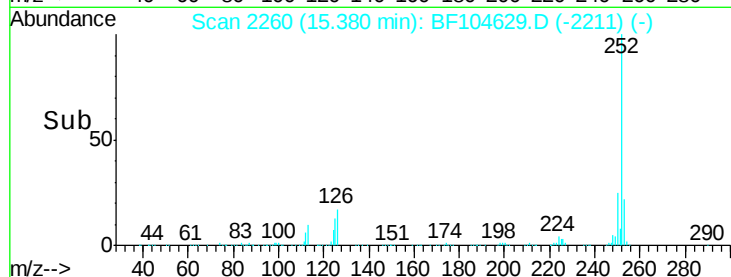
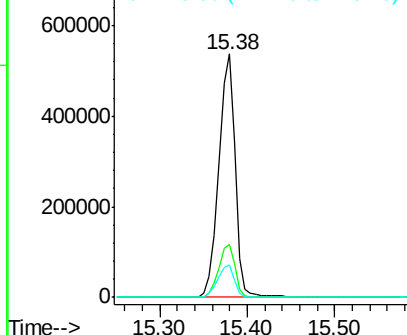
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.1	9.8	14.6

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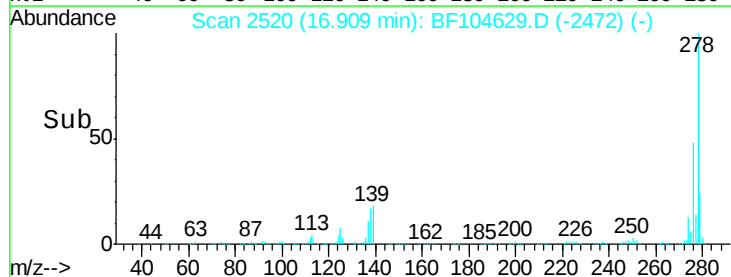
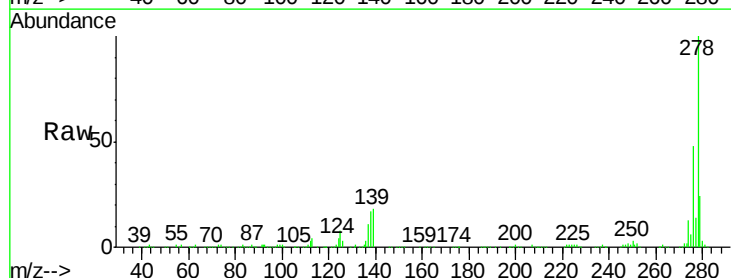
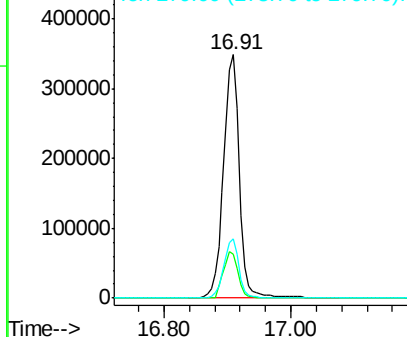
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

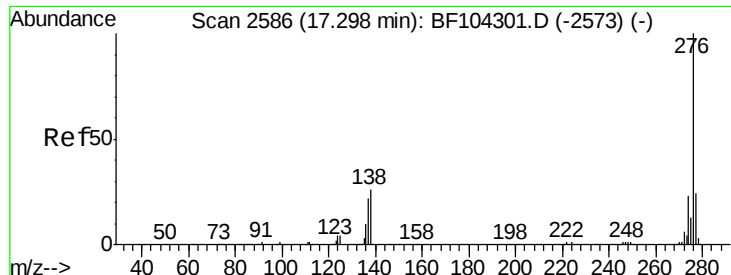


#90
Dibenzo(a,h)anthracene
Concen: 43.019 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	24.2	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





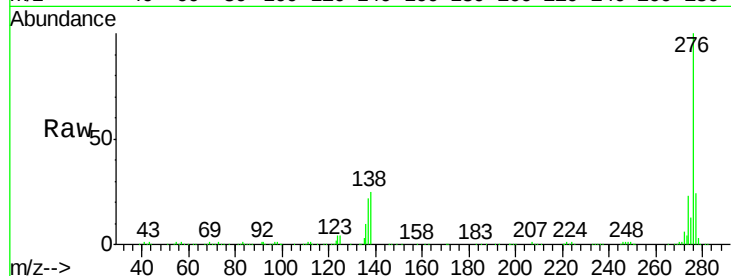
#91
 Benzo(a,h,i)perylene
 Concen: 44.087 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.02 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.4	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

