

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114665.D
 Acq On : 30 May 2019 17:33
 Operator : HP/JU
 Sample : PB119288BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:47:12 AM

Quant Time: May 31 06:43:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	1672120	20.00	ng	0.01
21) Naphthalene-d8	7.98	136	5775955	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	2899883	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	4929275	20.00	ng	0.01
76) Chrysene-d12	13.83	240	3589155	20.00	ng	0.01
87) Perylene-d12	15.22	264	4359863	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	8134608	85.41	ng	0.05
7) Phenol-d6	6.37	99	9895333	86.22	ng	0.05
23) Nitrobenzene-d5	7.27	82	7032818	75.97	ng	0.02
42) 2,4,6-Tribromophenol	10.53	330	3043679	110.15	ng	0.02
45) 2-Fluorobiphenyl	9.06	172	8751849	50.13	ng	0.00
79) Terphenyl-d14	12.80	244	9235782	48.38	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	362279	7.927	ng	98
3) Pyridine	3.20	79	29523	0.222	ng	96
4) n-Nitrosodimethylamine	3.11	42	394067	7.321	ng	96
6) Aniline	6.40	93	733527	4.231	ng	96
8) 2-Chlorophenol	6.50	128	727932	6.618	ng	87
9) Benzaldehyde	6.24	77	352863	Below Cal		95
10) Phenol	6.38	94	900623	6.496	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	694328	6.547	ng	97
12) 1,3-Dichlorobenzene	6.64	146	1019354	8.135	ng	97
13) 1,4-Dichlorobenzene	6.72	146	986153	7.845	ng	99
14) 1,2-Dichlorobenzene	6.87	146	774221	6.765	ng	97
15) Benzyl Alcohol	6.84	79	731705	8.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1233199	7.582	ng	100
17) 2-Methylphenol	6.96	107	766338	8.238	ng	99
18) Hexachloroethane	7.21	117	372536	7.827	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	640401	8.084	ng	99
20) 3+4-Methylphenols	7.12	107	897929	8.207	ng	# 81
22) Acetophenone	7.11	105	1258768	10.228	ng	# 99
24) Nitrobenzene	7.29	77	835699	8.498	ng	99
25) Isophorone	7.52	82	1700864	9.155	ng	99
26) 2-Nitrophenol	7.59	139	473466	9.891	ng	98
27) 2,4-Dimethylphenol	7.63	122	840429	10.556	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1073302	9.075	ng	99
29) 2,4-Dichlorophenol	7.83	162	777080	9.589	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	881374	9.546	ng	99
31) Naphthalene	8.00	128	2459167	9.243	ng	99
32) Benzoic acid	7.75	122	523289	10.119	ng	98
33) 4-Chloroaniline	8.04	127	606580	4.785	ng	99
34) Hexachlorobutadiene	8.13	225	470495	9.174	ng	99
35) Caprolactam	8.42	113	235468m	8.610	ng	
36) 4-Chloro-3-methylphenol	8.53	107	761524	9.371	ng	98
37) 2-Methylnaphthalene	8.69	142	1766187	9.991	ng	98
38) 1-Methylnaphthalene	8.79	142	1673589	9.993	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	726335	9.405	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	994817	19.494	nq	99
43) 2,4,6-Trichlorophenol	8.96	196	573328	9.435	nq	100
44) 2,4,5-Trichlorophenol	9.00	196	557670	9.197	nq	98
46) 1,1'-Biphenyl	9.15	154	2076506	9.646	nq	99
47) 2-Chloronaphthalene	9.17	162	1641898	9.299	nq	98
48) 2-Nitroaniline	9.26	65	450697	8.271	nq	93
49) Acenaphthylene	9.58	152	2514906	9.219	nq	100
50) Dimethylphthalate	9.46	163	1834892	9.081	nq	99
51) 2,6-Dinitrotoluene	9.51	165	429904	9.156	nq	94
52) Acenaphthene	9.76	154	1656546	9.902	nq	100
53) 3-Nitroaniline	9.67	138	296519	5.160	nq	98
54) 2,4-Dinitrophenol	9.77	184	362128	19.553	nq	92
55) Dibenzofuran	9.93	168	2177429	9.144	nq	100
56) 4-Nitrophenol	9.83	139	727450	17.082	nq	95
57) 2,4-Dinitrotoluene	9.90	165	564663	9.370	nq	96
58) Fluorene	10.27	166	1544177	4.997	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	477564	9.622	nq	100
60) Diethylphthalate	10.16	149	1828541	8.860	nq	100
61) 4-Chlorophenyl-phenylether	10.26	204	757112	5.119	nq	99
62) 4-Nitroaniline	10.28	138	437773	7.818	nq	99
63) Azobenzene	10.42	77	1718247	9.068	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	223291	10.216	nq	89
66) n-Nitrosodiphenylamine	10.39	169	1523361	10.460	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	524689	9.926	nq	97
68) Hexachlorobenzene	10.82	284	560638	9.792	nq	96
69) Atrazine	10.91	200	460394	8.186	nq	99
70) Pentachlorophenol	11.00	266	632980	19.179	nq	97
71) Phenanthrene	11.22	178	2318491	9.220	nq	99
72) Anthracene	11.27	178	2485296	9.766	nq	99
73) Carbazole	11.42	167	2152788	9.625	nq	99
74) Di-n-butylphthalate	11.77	149	2610682	5.987	nq	99
75) Fluoranthene	12.40	202	2372170	9.111	nq	99
77) Benzidine	12.52	184	1027787	6.954	nq	97
78) Pyrene	12.62	202	2431538	8.009	nq	100
80) Butylbenzylphthalate	13.26	149	1149866	7.536	nq	96
81) Benzo(a)anthracene	13.80	228	2117042	7.676	nq	99
82) 3,3'-Dichlorobenzidine	13.77	252	589242	5.532	nq	99
83) Chrysene	13.85	228	2037513	7.732	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1108534	5.876	nq	# 99
85) Di-n-octyl phthalate	14.43	149	2611274	7.967	nq	98
86) Indeno(1,2,3-cd)pyrene	16.52	276	2013516	7.629	nq	100
88) Benzo(b)fluoranthene	14.82	252	2113780m	7.698	nq	
89) Benzo(k)fluoranthene	14.84	252	2010695	8.424	nq	99
90) Benzo(a)pyrene	15.14	252	1986589	8.235	nq	98
91) Dibenzo(a,h)anthracene	16.54	278	1685336	7.906	nq	99
92) Benzo(g,h,i)perylene	16.92	276	1640233	7.928	nq	99

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

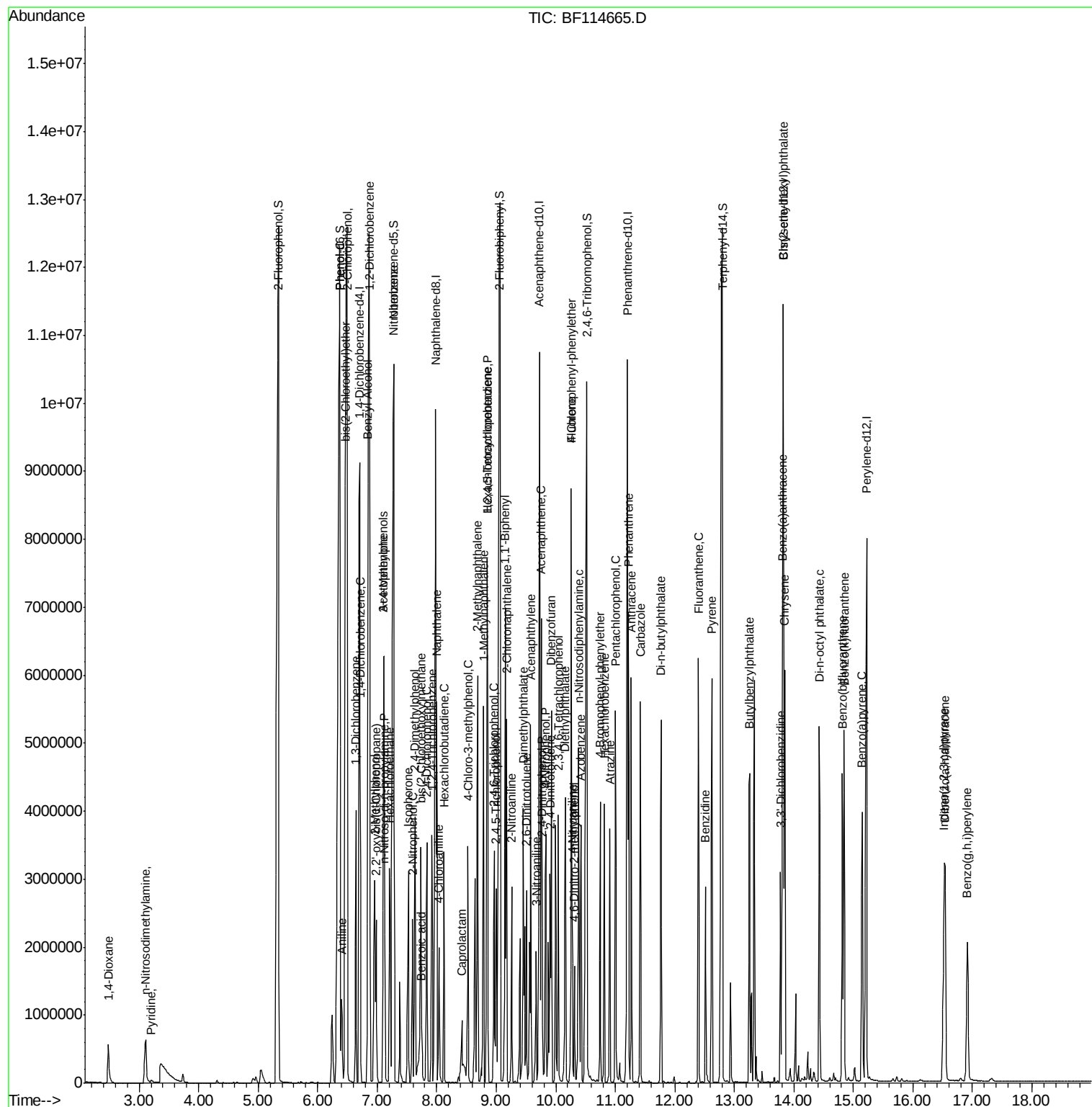
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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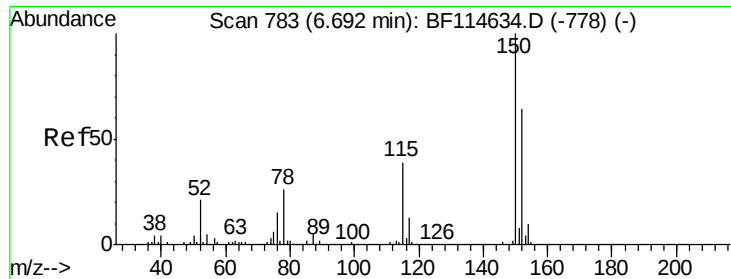
Instrument :
BNA_F
Client Sampled :
PB119288BS

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#1

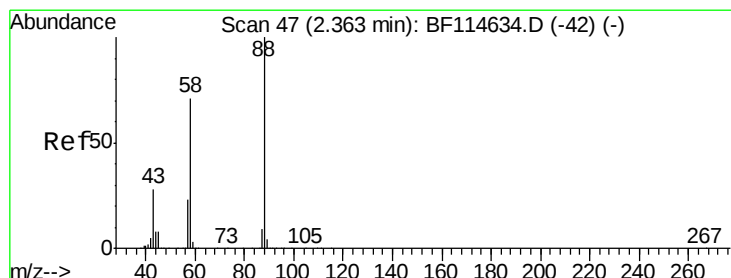
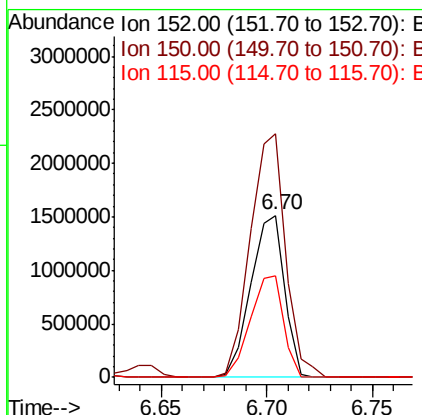
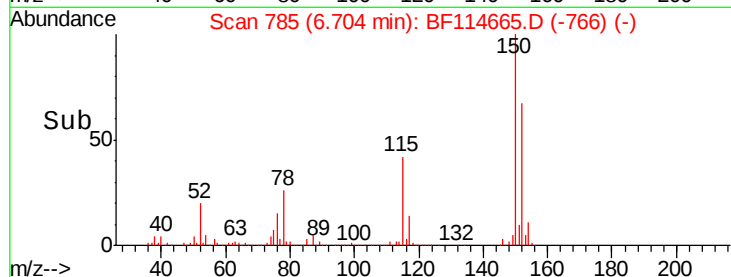
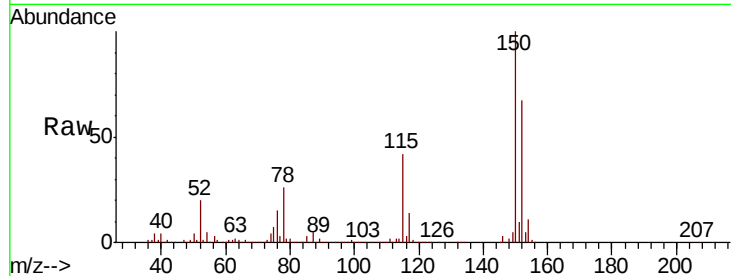
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.4	186.6
115	62.4	48.7	73.1

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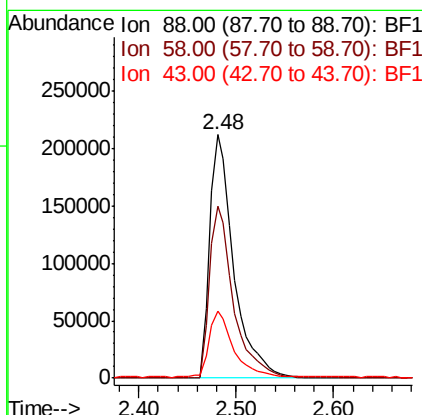
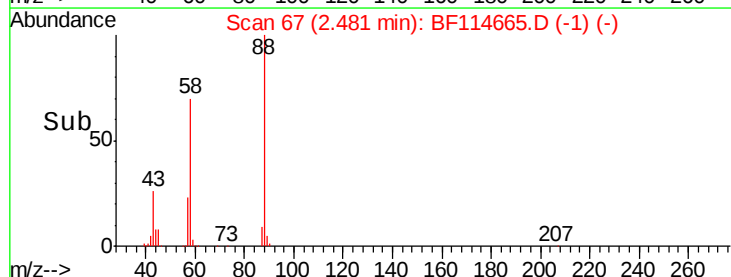
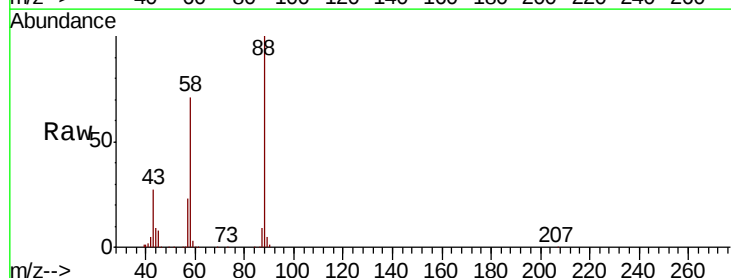
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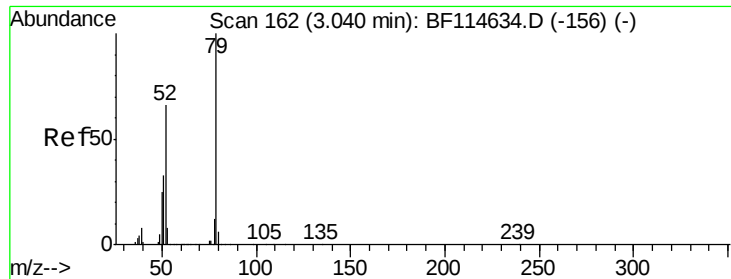


#2

1,4-Dioxane
Concen: 7.927 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.12 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	57.2	85.8
43	26.6	22.6	33.8





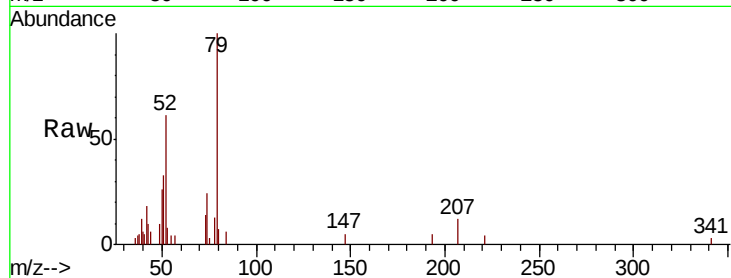
#3
 Pvridine
 Concen: 0.222 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.16 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

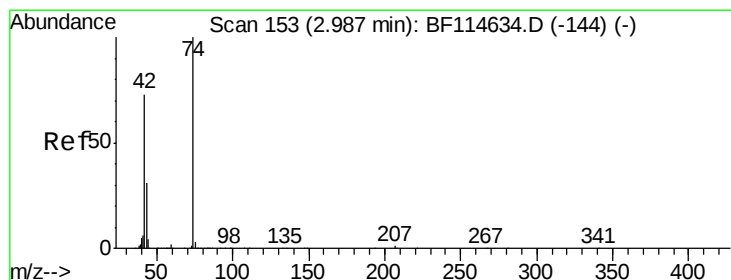
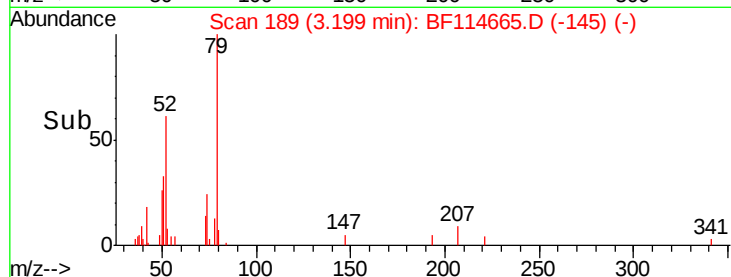
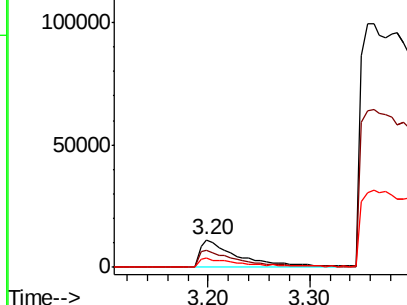
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.8	52.8	79.2
51	33.0	26.3	39.5

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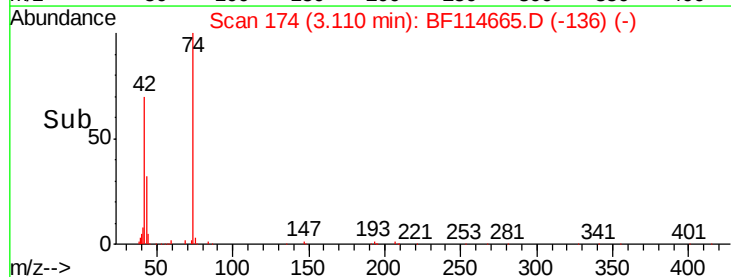
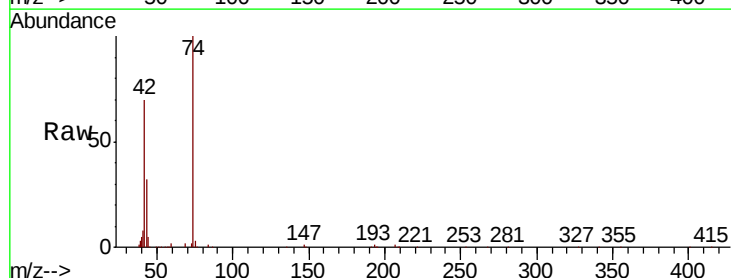
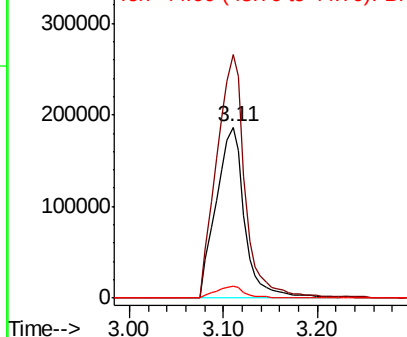
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

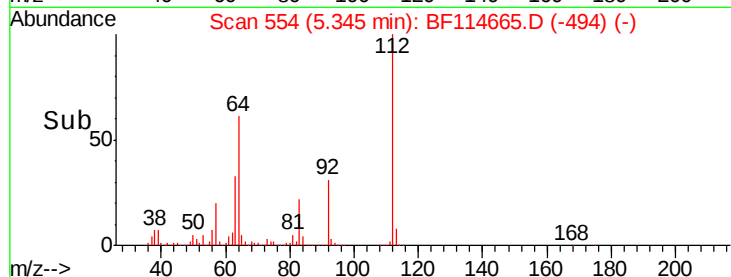
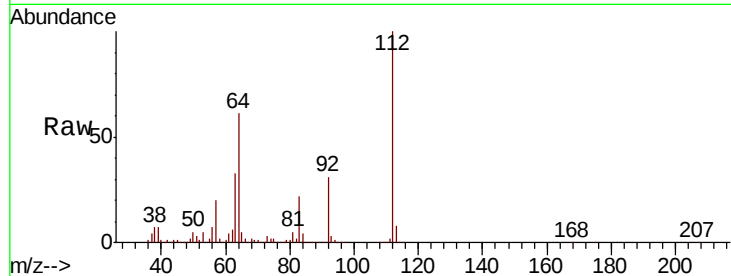
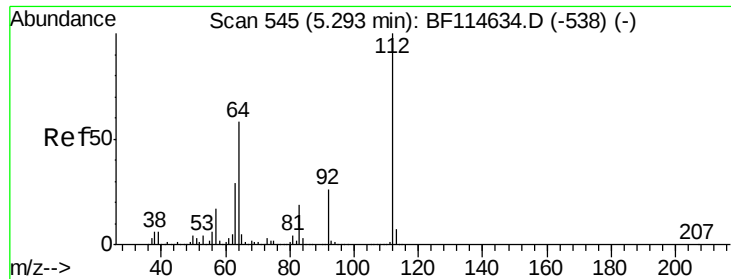


#4
 n-Nitrosodimethylamine
 Concen: 7.321 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.12 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.4	110.0	165.0
44	6.7	5.6	8.4

Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





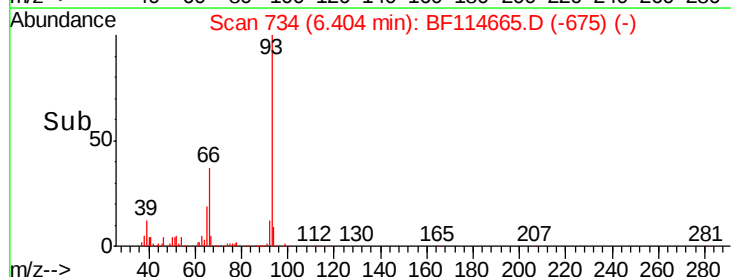
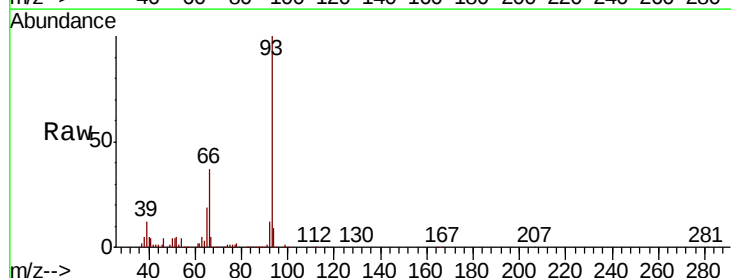
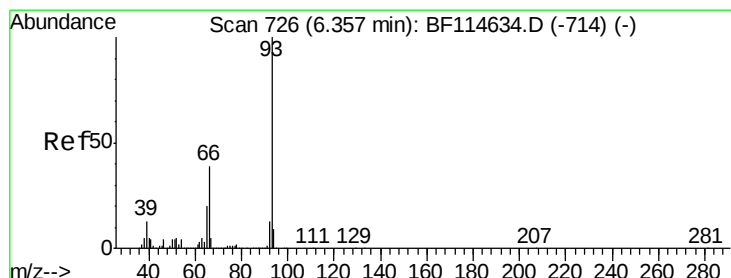
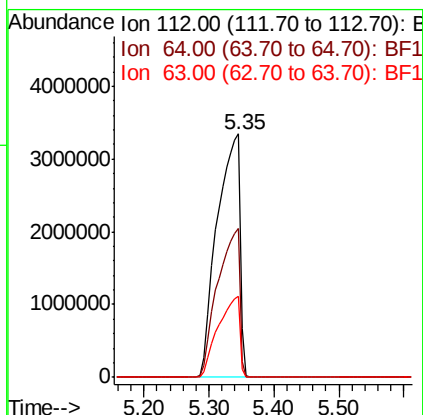
#5
2-Fluorophenol
Concen: 85.413 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.05 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.1	69.1
63	33.4	23.4	35.2

Instrument :
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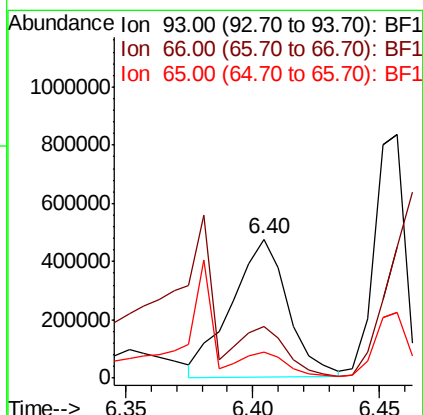
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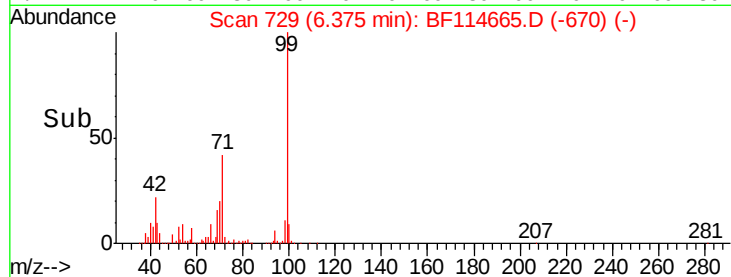
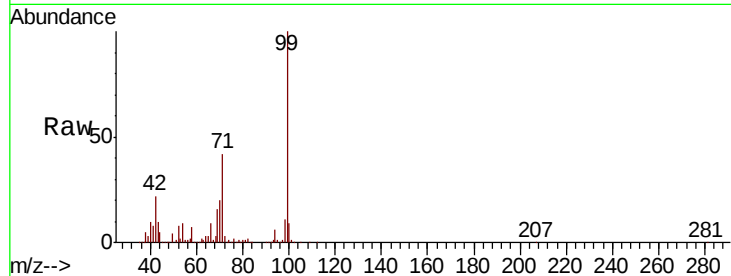
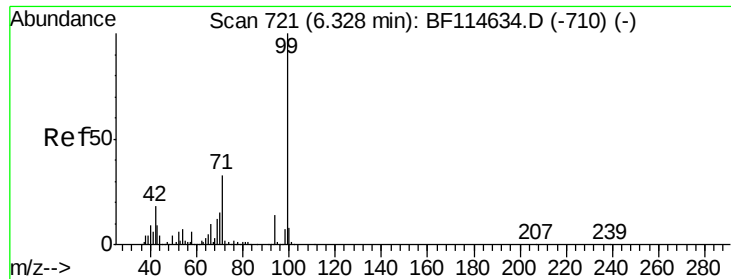
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#6
Aniline
Concen: 4.231 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.05 min
Lab File: BF114665.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.1	31.4	47.2
65	18.6	16.2	24.2





#7

Phenol-d6

Concen: 86.222 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.05 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tot Ion: 99 Resp: 9895333

Ion Ratio Lower Upper

99 100

42 21.9 14.7 22.1

71 42.3 26.6 40.0#

Instrument :

BNA_F

ClientSampleId :

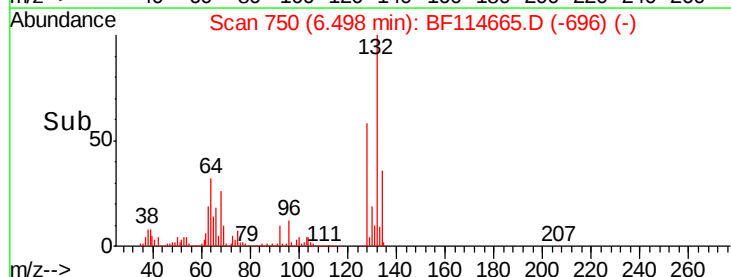
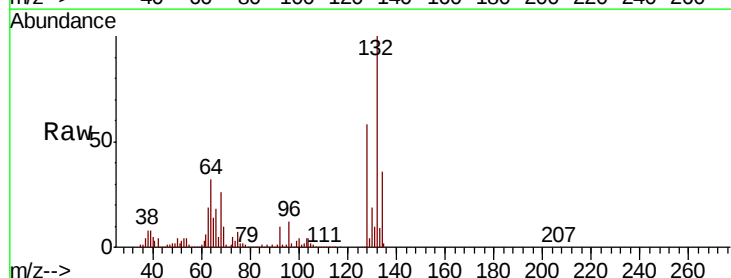
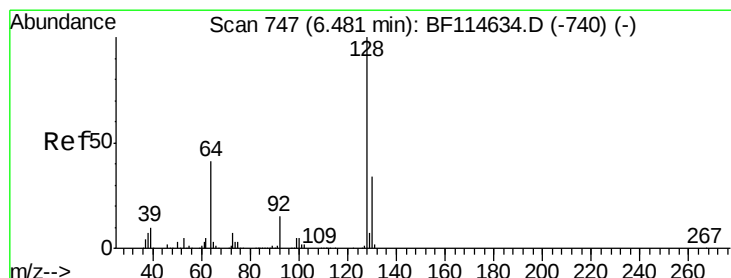
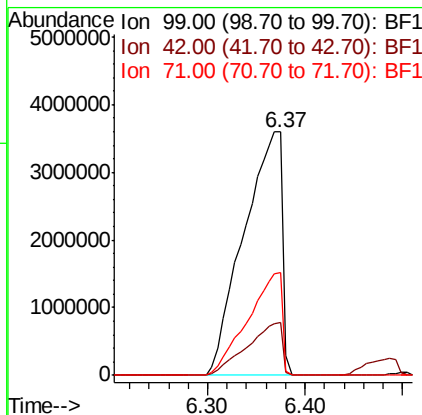
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#8

2-Chlorophenol

Concen: 6.618 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

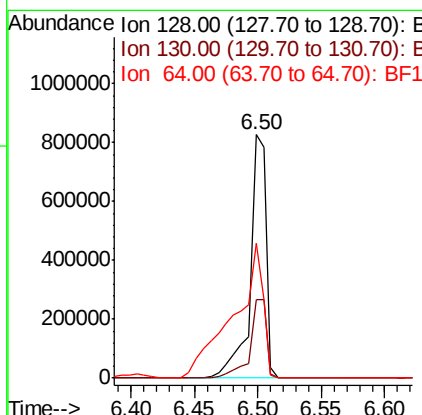
Tgt Ion: 128 Resp: 727932

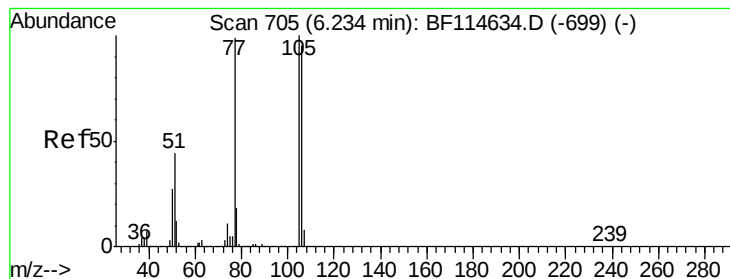
Ion Ratio Lower Upper

128 100

130 32.5 13.9 53.9

64 55.4 22.0 62.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

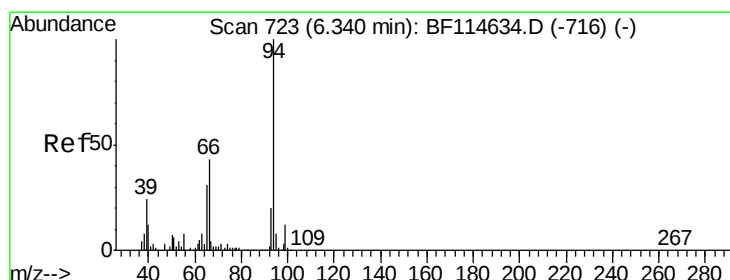
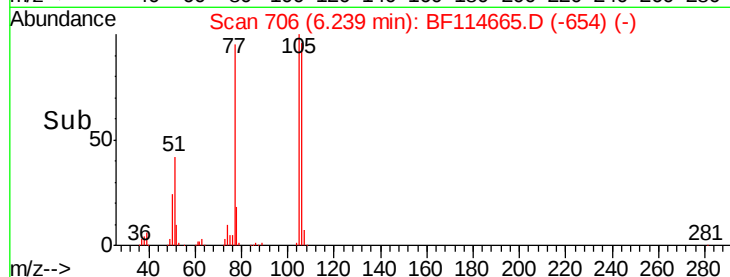
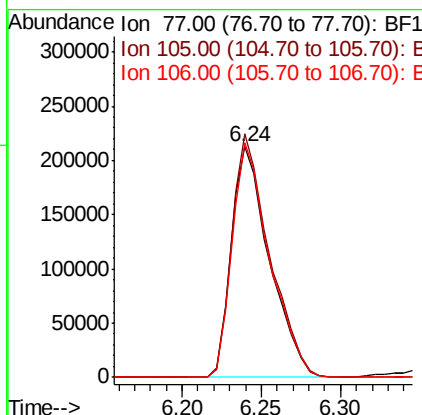
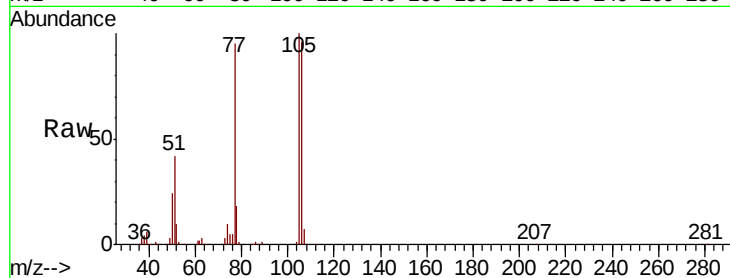
ClientSampleId :

PB119288BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.6	80.8	120.8
106	101.7	76.2	116.2

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#10

Phenol

Concen: 6.496 ng

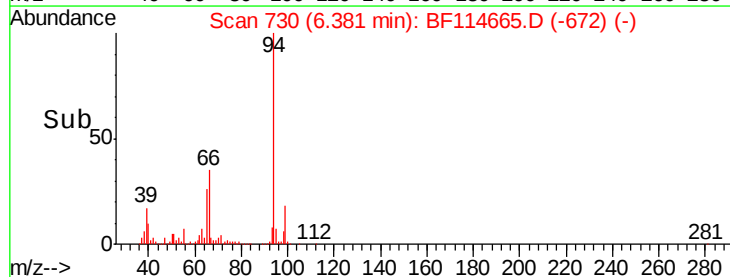
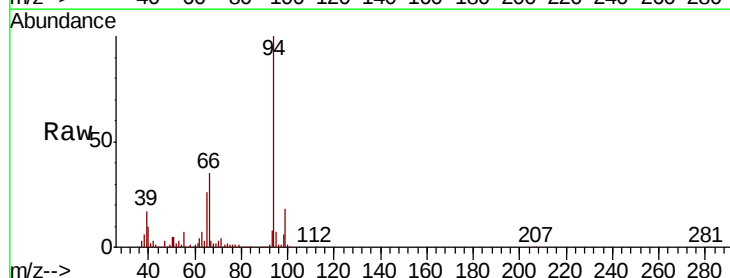
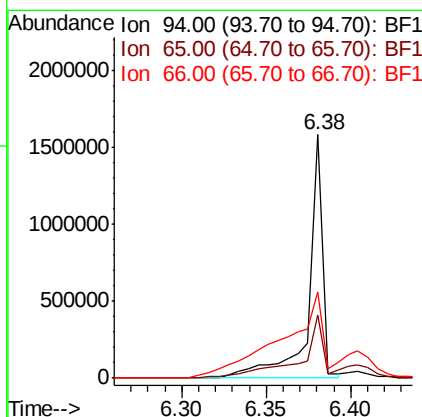
RT: 6.38 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.7	11.0	51.0
66	35.2	23.0	63.0





#11

bis(2-Chloroethyl)ether

Concen: 6.547 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

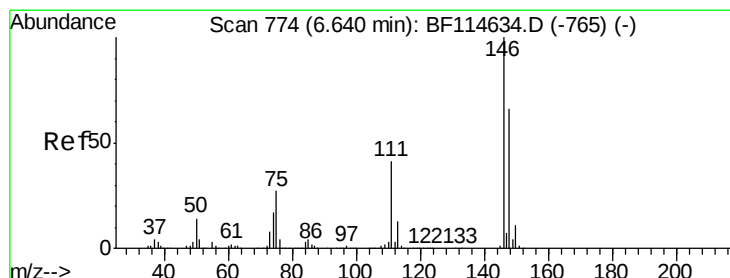
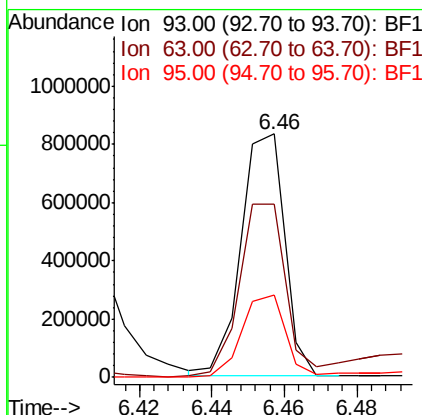
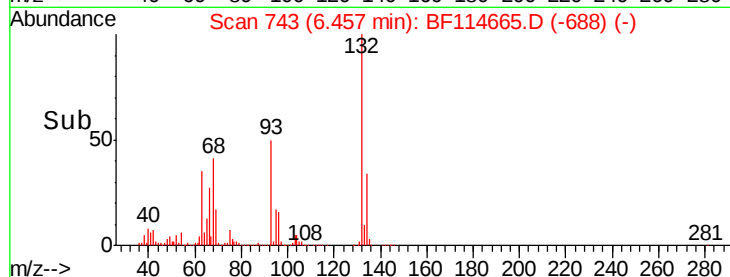
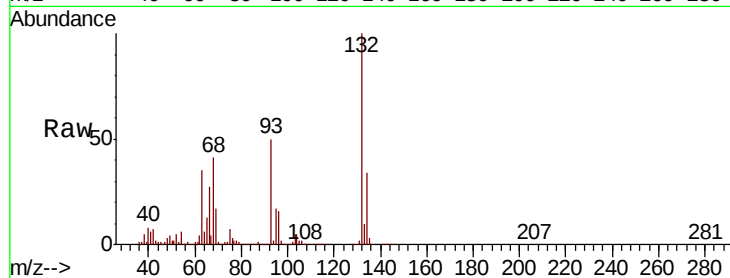
ClientSampleId :

PB119288BS

Tot Ion:	93	Resp:	694328
Ion Ratio	Lower	Upper	
93	100		
63	70.9	55.0	95.0
95	33.7	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 8.135 ng

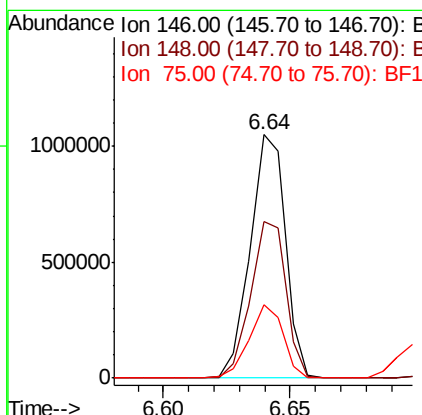
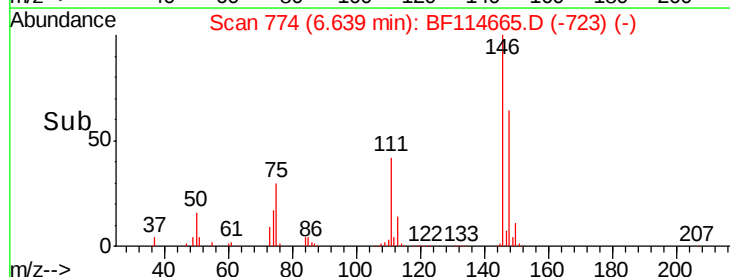
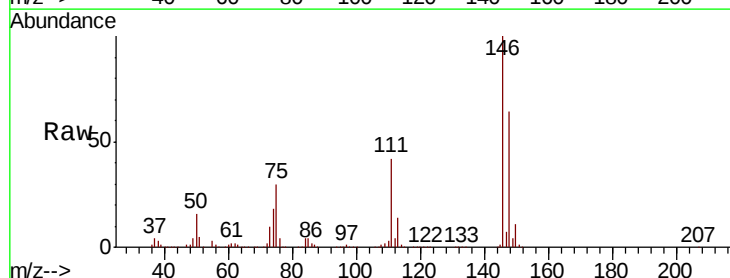
RT: 6.64 min Scan# 774

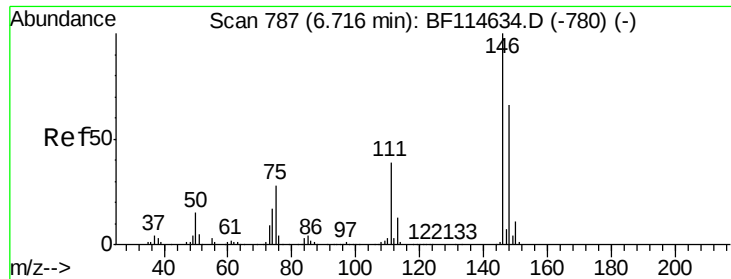
Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:	146	Resp:	1019354
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.9	79.3
75	30.3	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 7.845 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

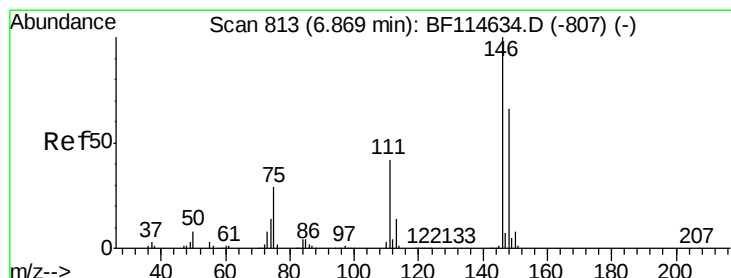
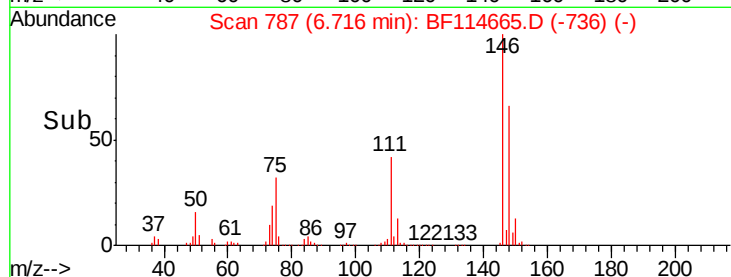
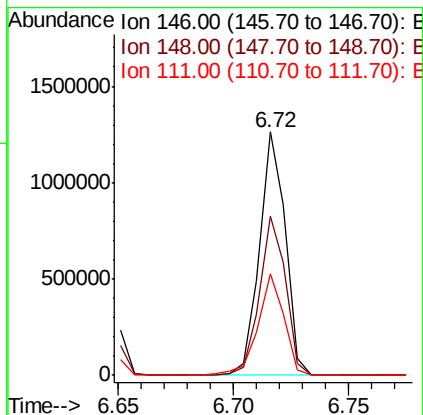
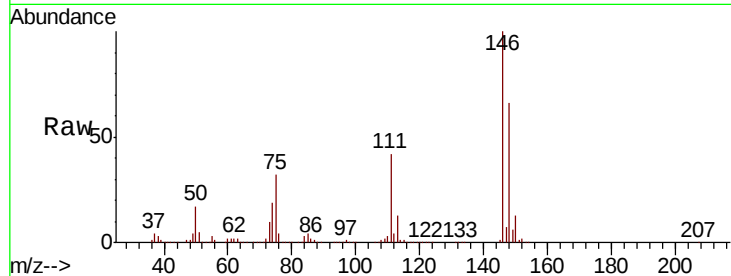
ClientSampleId :

PB119288BS

Tot Ion:	146	Resp:	986153
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.5	78.7
111	41.7	31.4	47.2

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#14

1,2-Dichlorobenzene

Concen: 6.765 ng

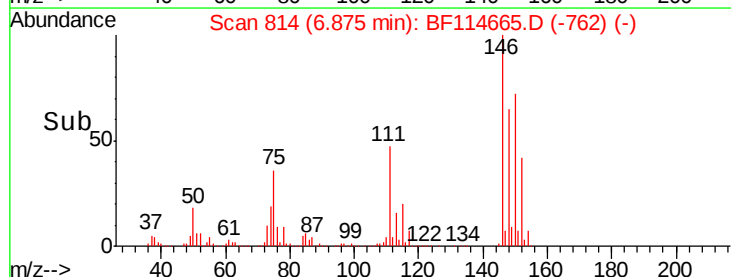
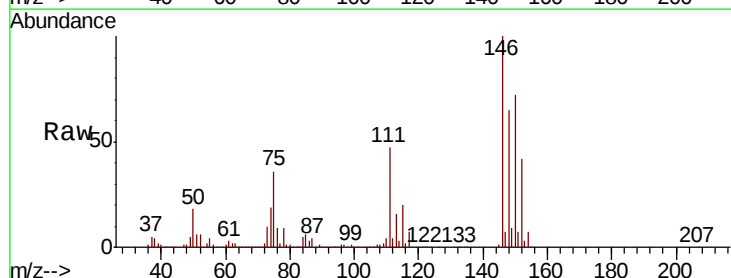
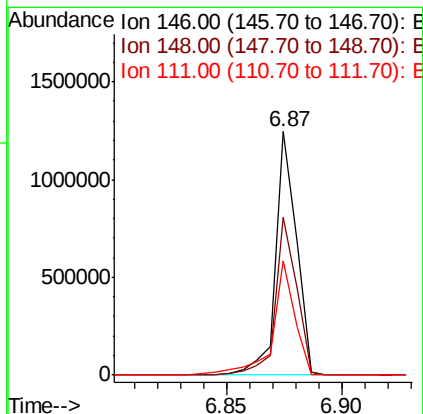
RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:	146	Resp:	774221
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.6	79.0
111	46.9	34.1	51.1





#15

Benzyl Alcohol

Concen: 8.105 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion: 79 Resp: 731705

Ion Ratio Lower Upper

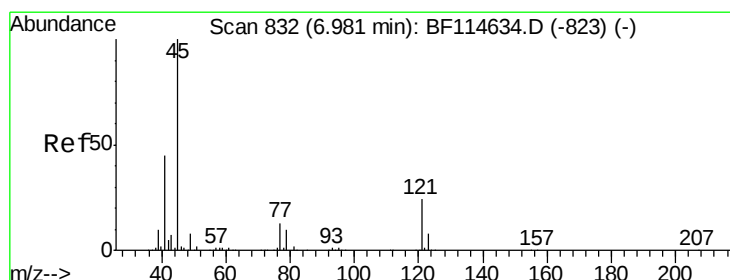
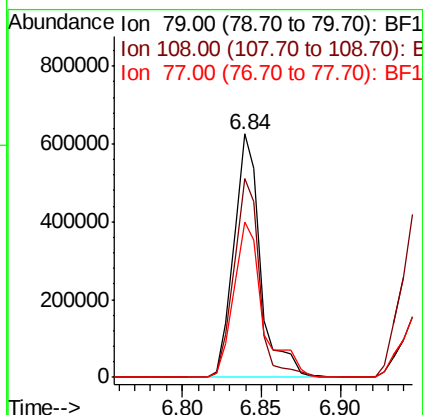
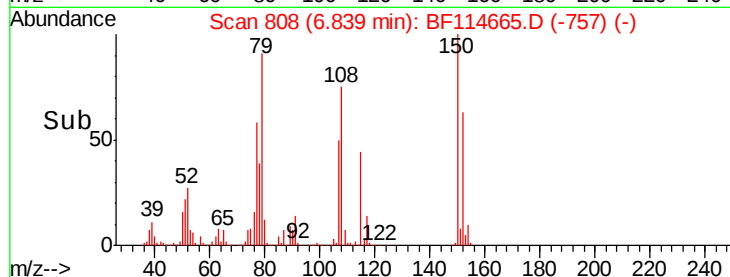
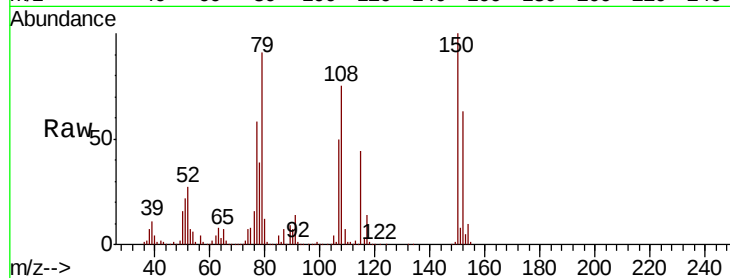
79 100

108 81.9 67.8 101.8

77 63.9 50.7 76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.582 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

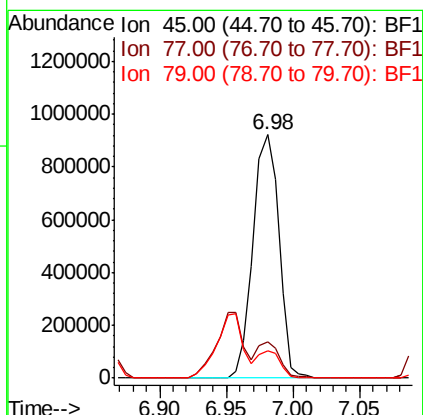
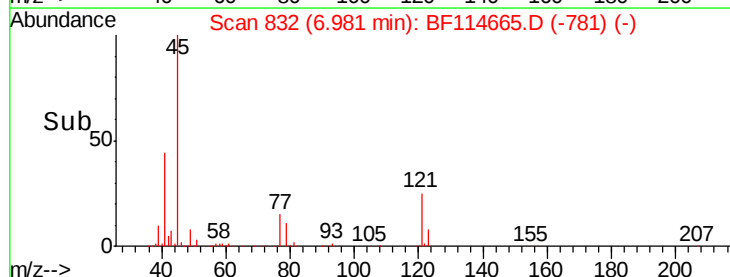
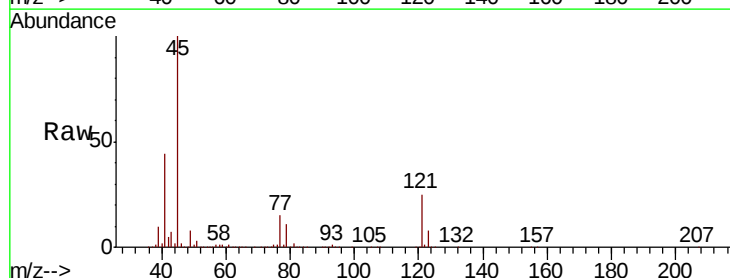
Tgt Ion: 45 Resp: 1233199

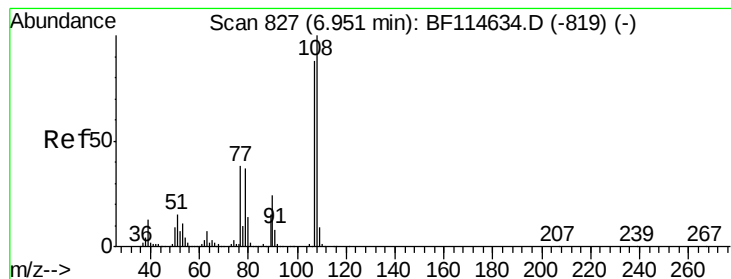
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.7

79 11.4 0.0 31.3





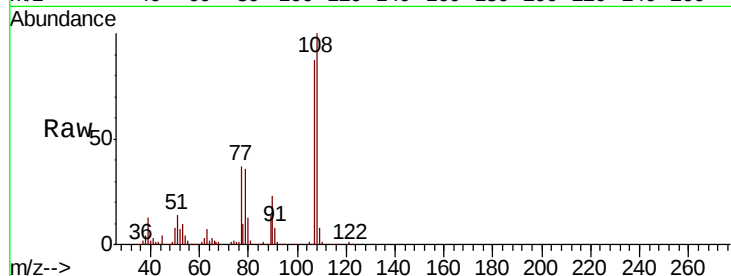
#17
2-Methylphenol
Concen: 8.238 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.1	136.7	
77	42.4	34.9	52.3	
79	41.4	33.8	50.6	

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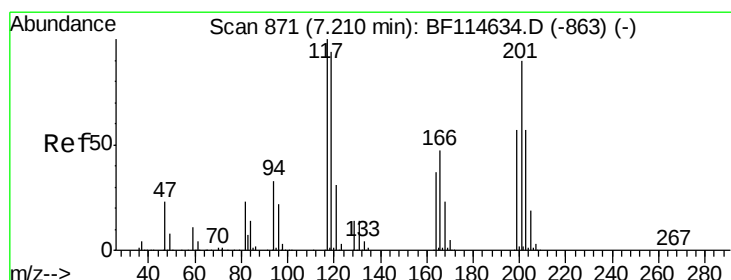
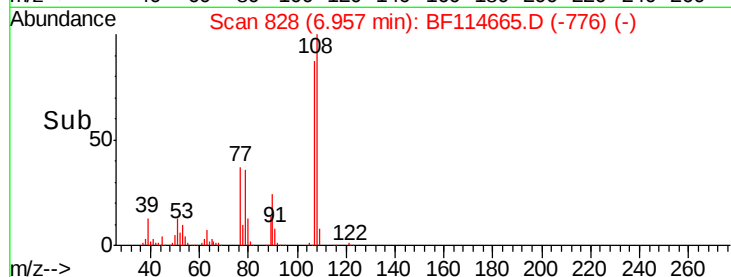
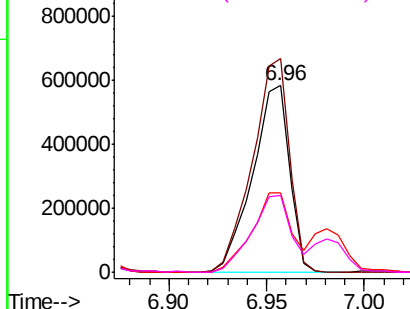
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

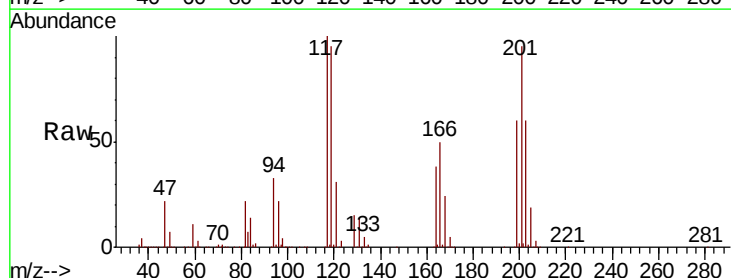
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 7.827 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	75.6	113.4	
201	95.1	71.7	107.5	

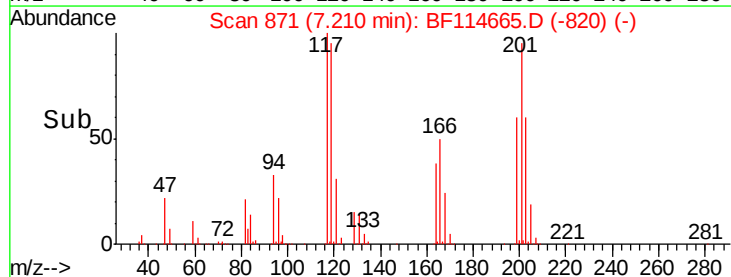
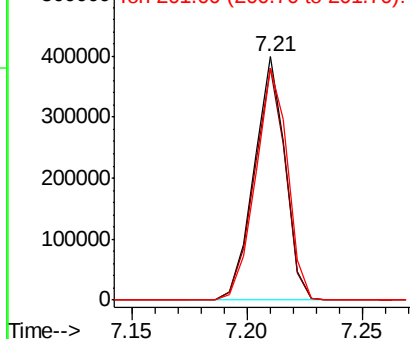


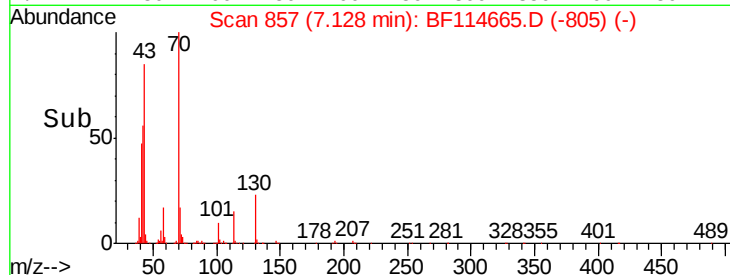
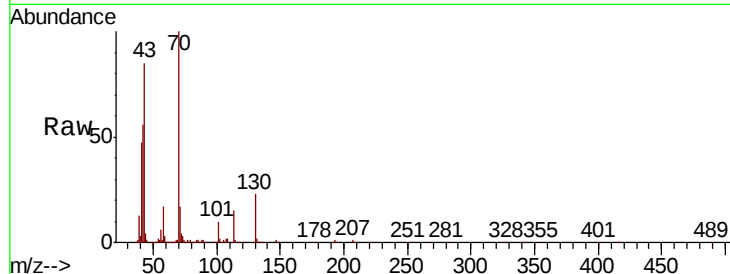
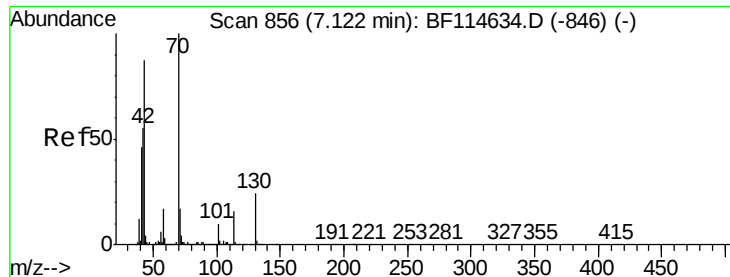
Abundance

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





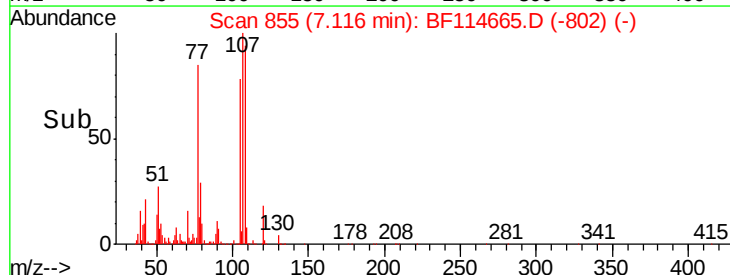
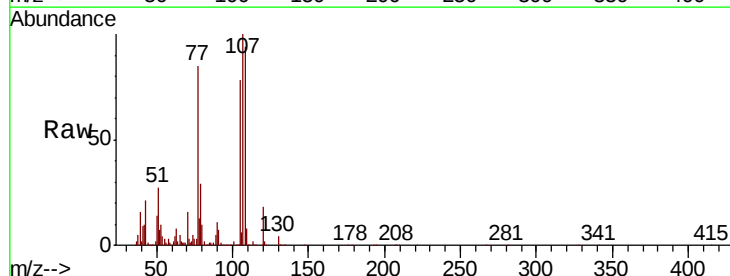
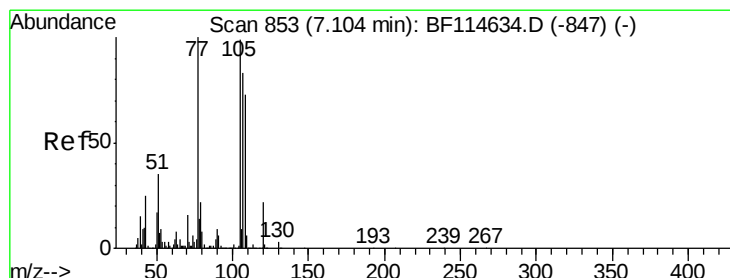
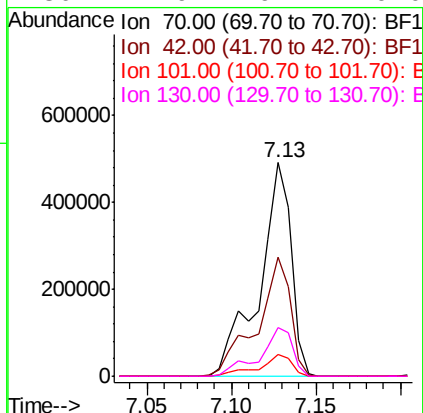
#19
n-Nitroso-di-n-propylamine
Concen: 8.084 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.0		44.4	66.6	
101	10.2		8.2	12.4	
130	22.9		19.4	29.0	

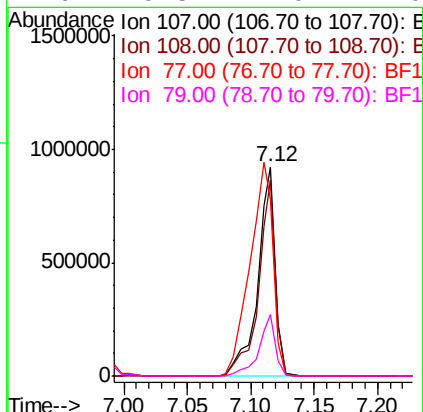
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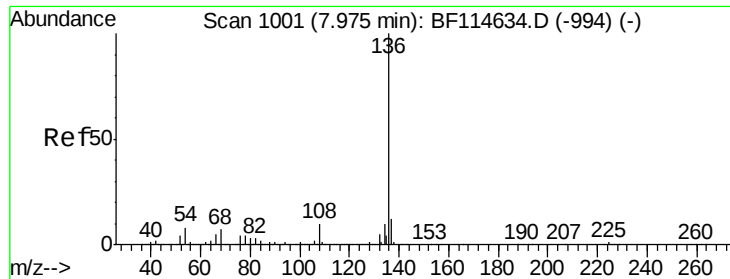
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#20
3+4-Methylphenols
Concen: 8.207 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.6		68.6	108.6	
77	84.6		100.5	140.5#	
79	29.5		7.0	47.0	





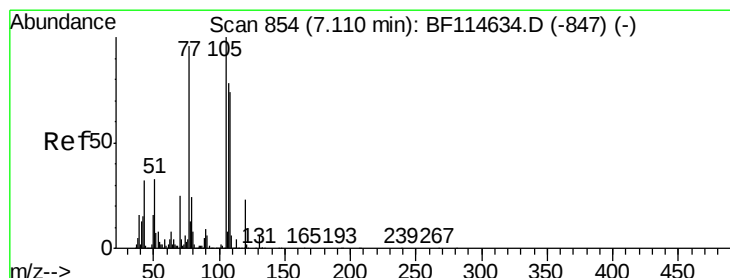
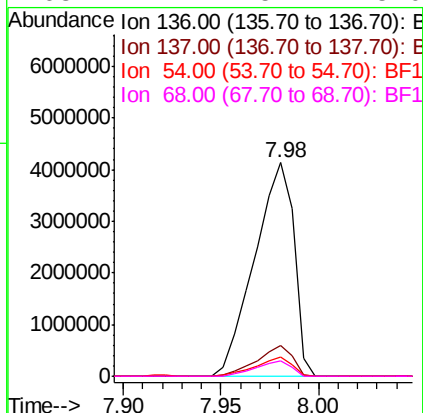
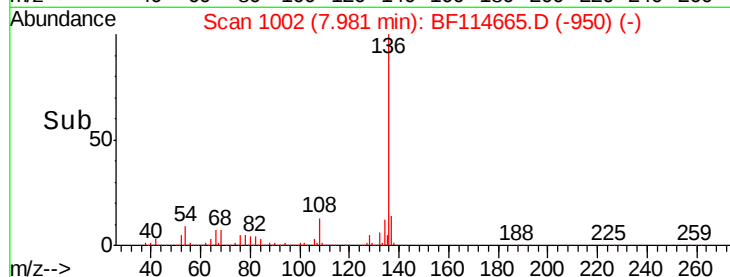
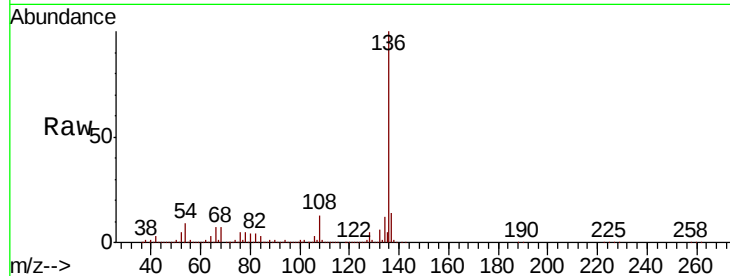
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		5775955		
137	14.5	9.3	13.9#		
54	9.0	6.3	9.5		
68	7.4	5.4	8.0		

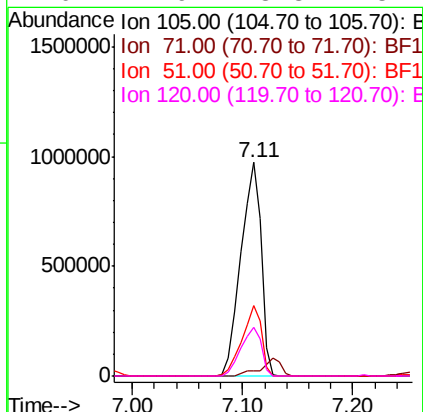
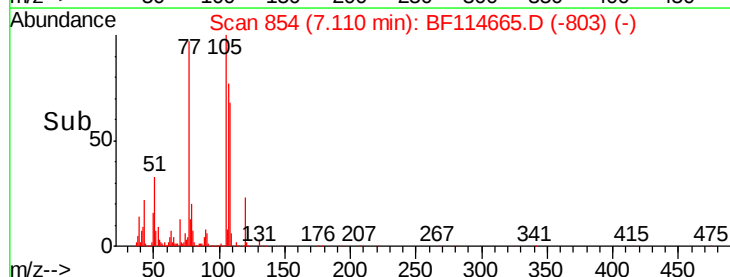
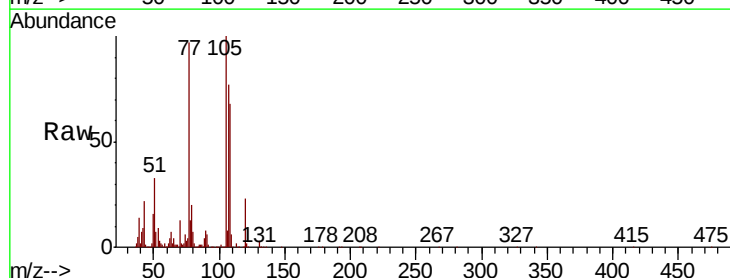
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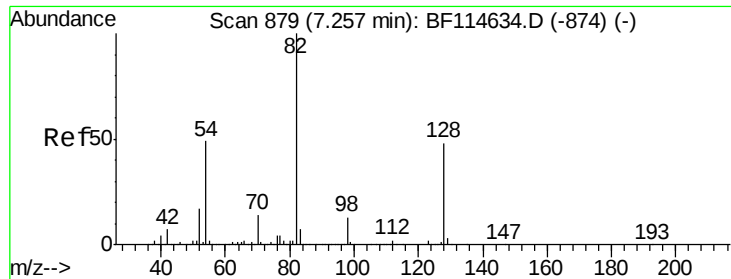
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#22
Acetophenone
Concen: 10.228 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1258768		
71	2.3	3.6	5.4#		
51	33.0	26.0	39.0		
120	22.9	18.8	28.2		





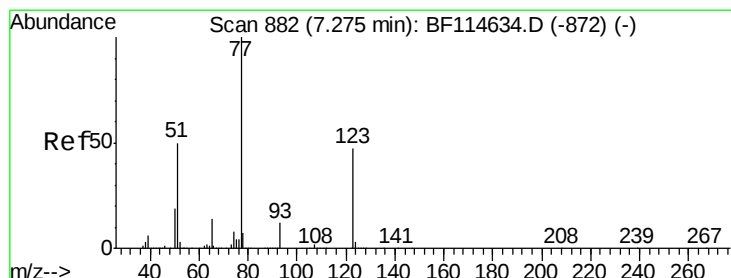
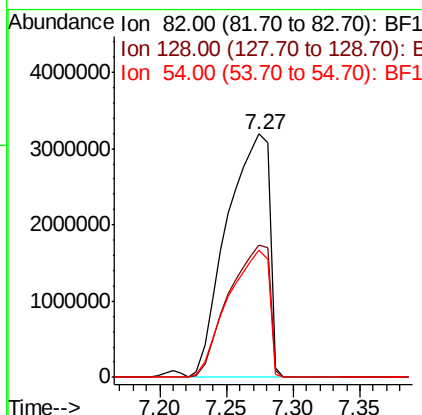
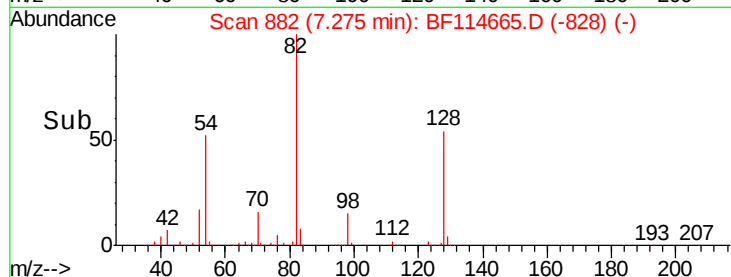
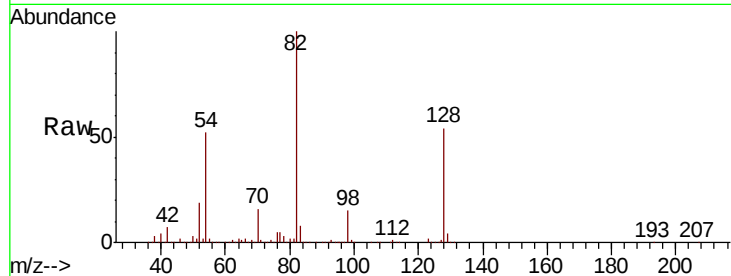
#23
Nitrobenzene-d5
Concen: 75.965 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.2	38.5	57.7
54	52.3	39.1	58.7

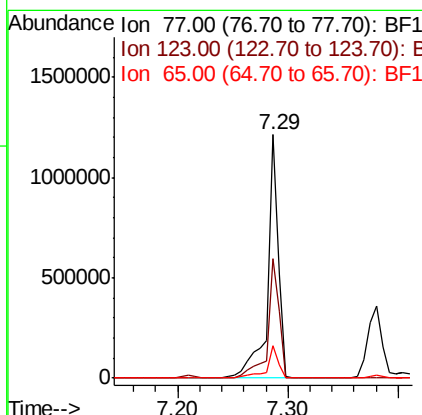
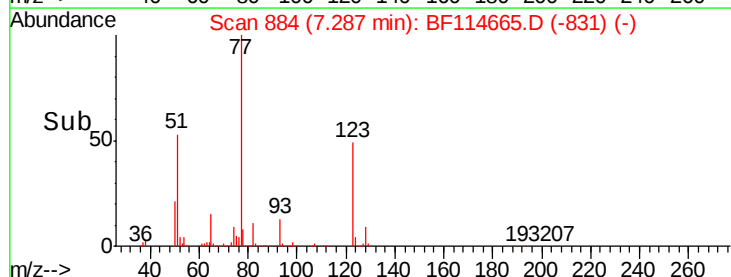
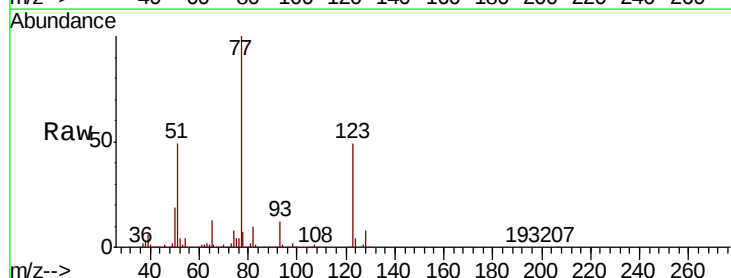
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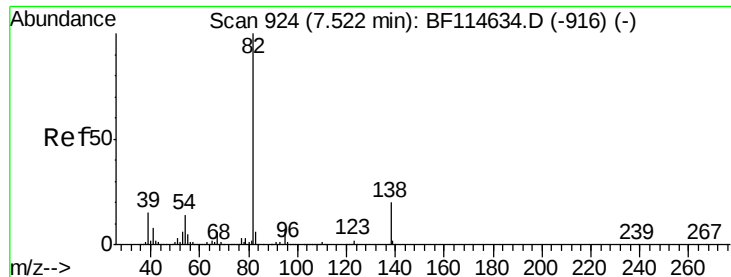
mohammad
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#24
Nitrobenzene
Concen: 8.498 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.5	57.7
65	13.3	11.2	16.8





#25

Isophorone

Concen: 9.155 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion: 82 Resp: 1700864

Ion Ratio Lower Upper

82 100

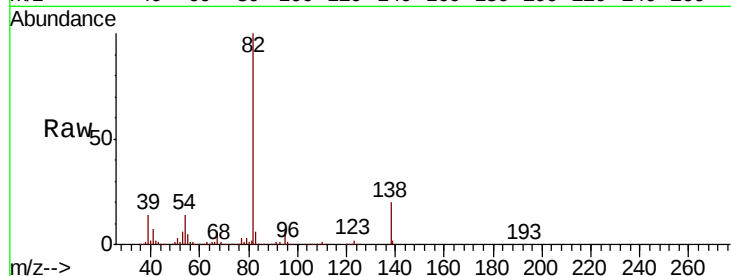
95 7.1 5.6 8.4

138 20.3 15.9 23.9

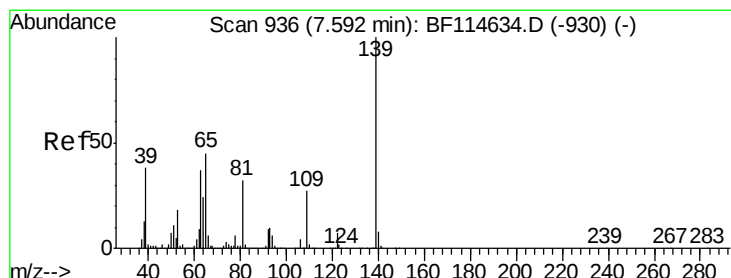
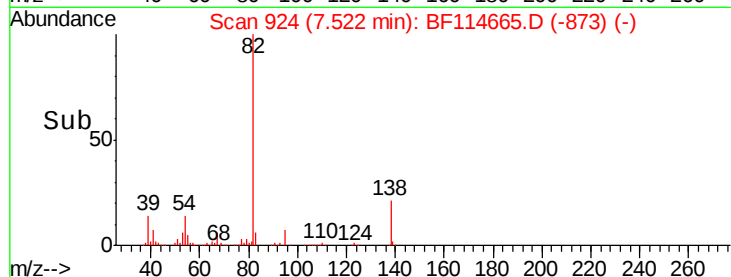
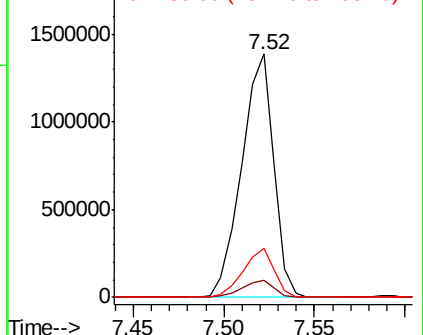
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 9.891 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

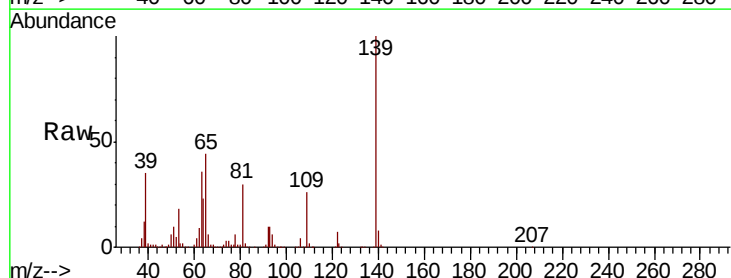
Tgt Ion: 139 Resp: 473466

Ion Ratio Lower Upper

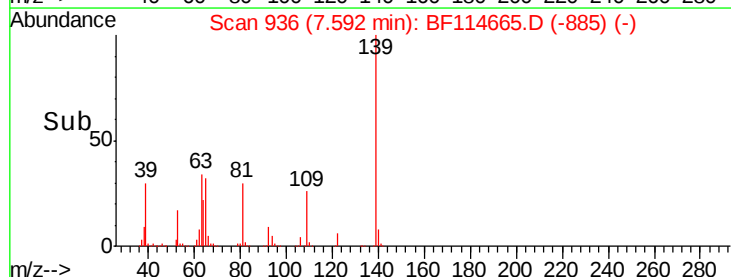
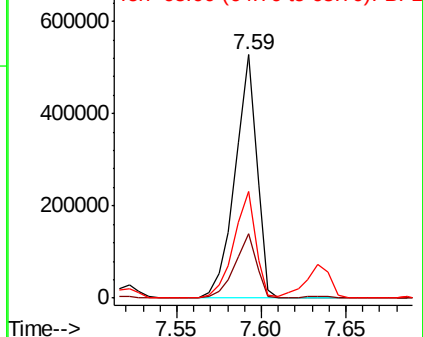
139 100

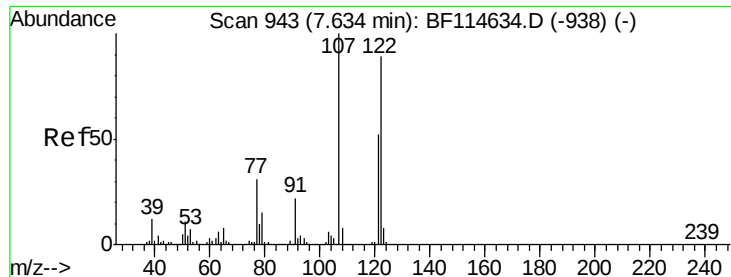
109 26.2 21.7 32.5

65 43.9 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 10.556 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

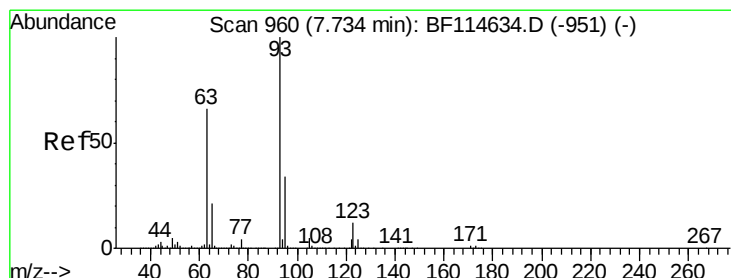
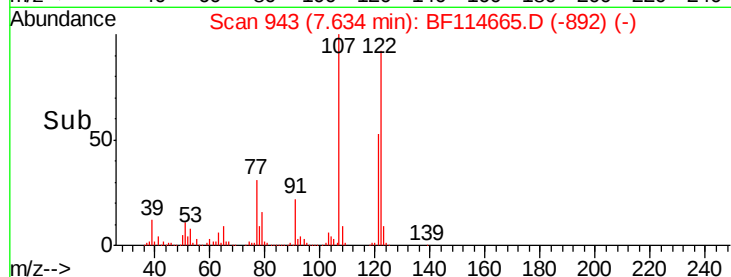
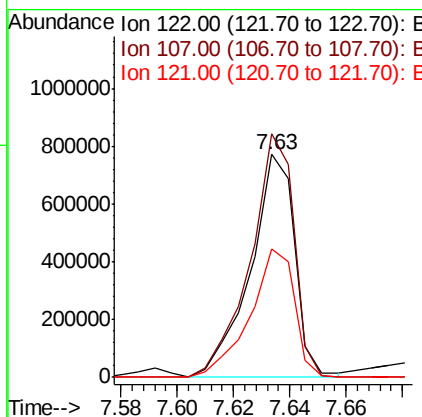
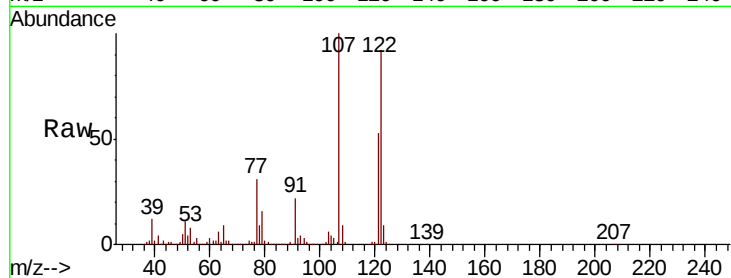
ClientSampled :

PB119288BS

Tot Ion:	122	Resp:	840429
Ion Ratio	Lower	Upper	
122	100		
107	109.2	89.3	133.9
121	57.7	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 9.075 ng

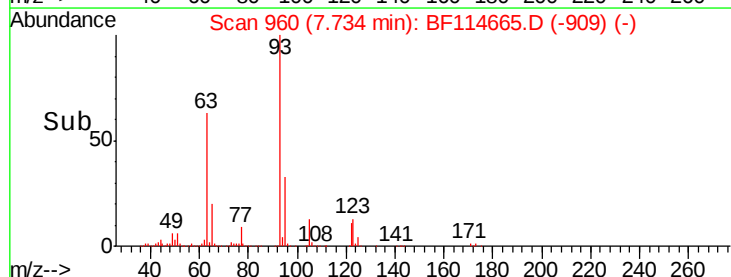
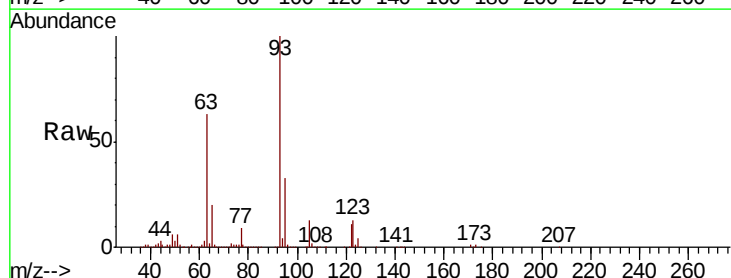
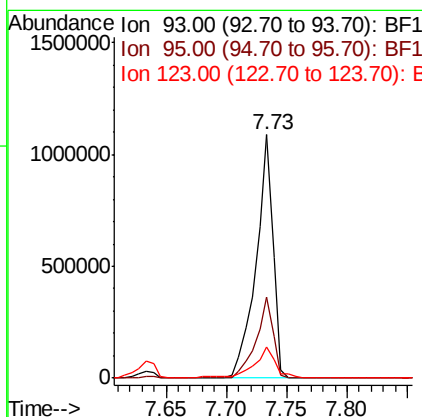
RT: 7.73 min Scan# 960

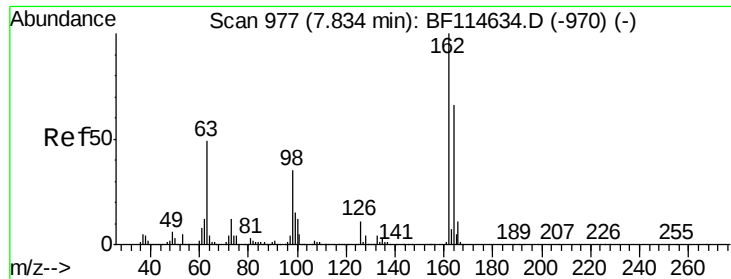
Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:	93	Resp:	1073302
Ion Ratio	Lower	Upper	
93	100		
95	33.2	27.0	40.4
123	12.7	10.2	15.2





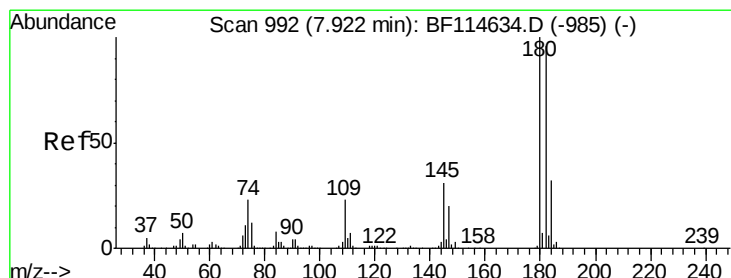
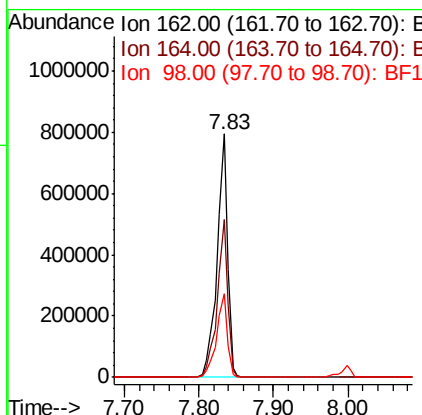
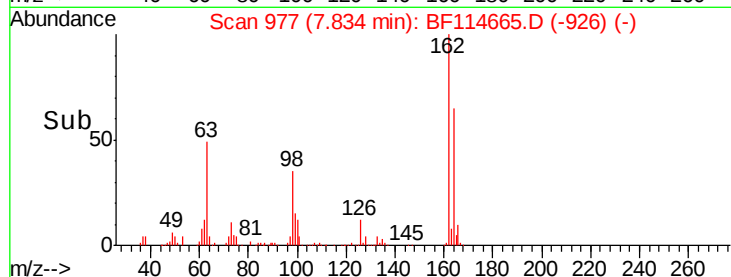
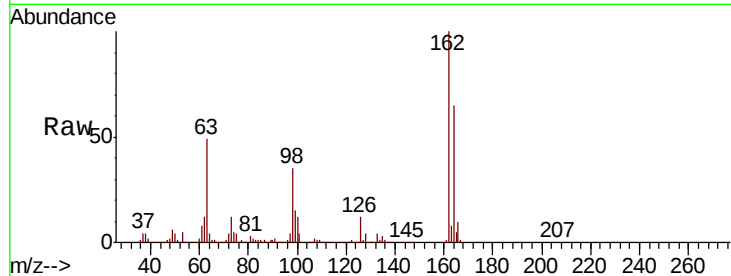
#29
2,4-Dichlorophenol
Concen: 9.589 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	777080		
164	64.9	45.8	85.8	
98	34.6	14.9	54.9	

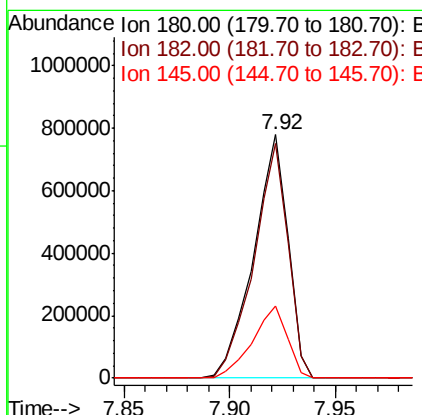
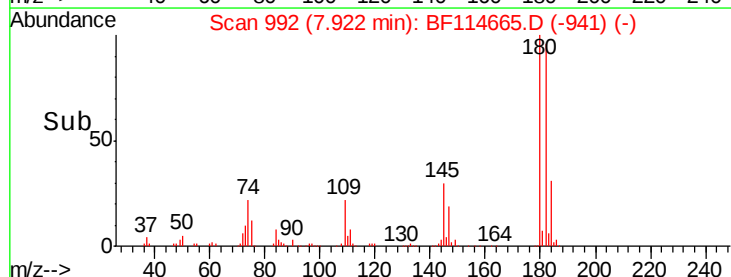
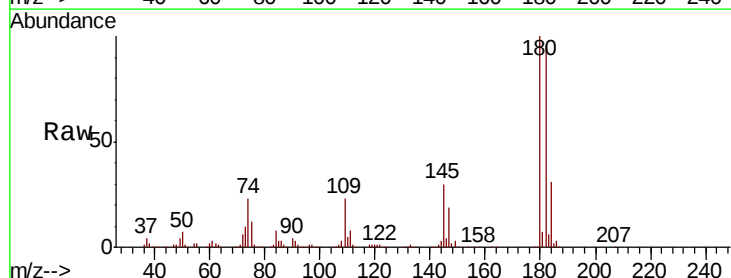
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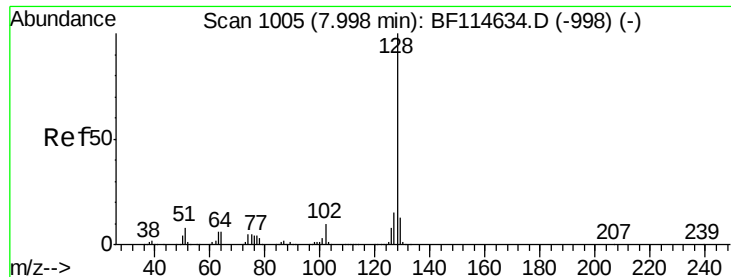
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#30
1,2,4-Trichlorobenzene
Concen: 9.546 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	881374		
182	96.1	76.9	115.3	
145	29.5	24.5	36.7	





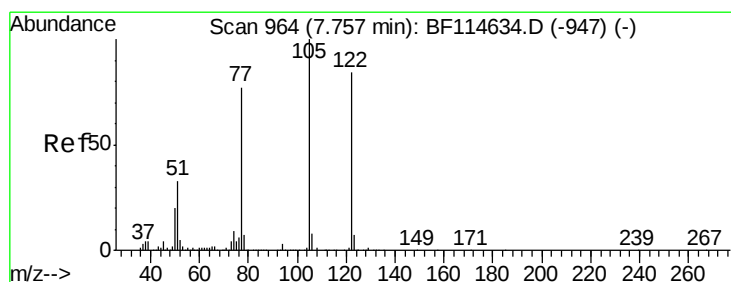
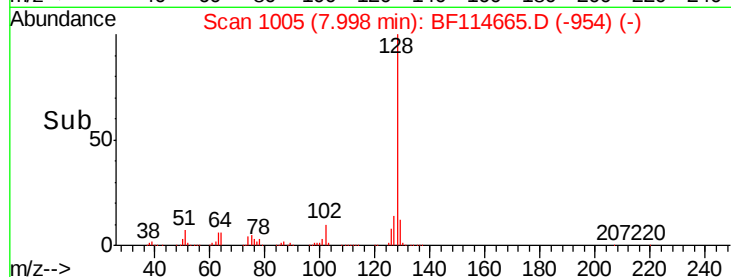
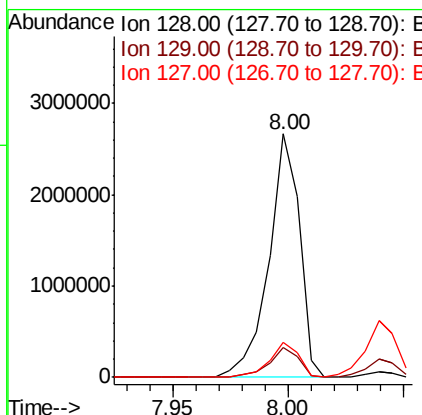
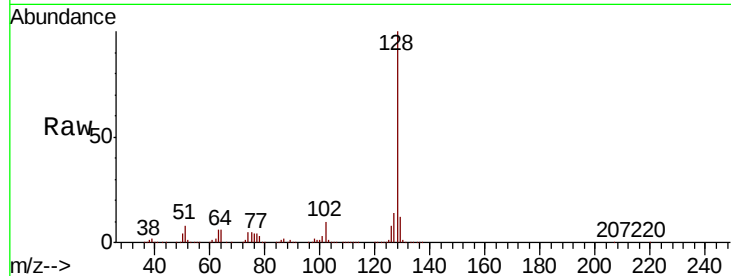
#31
Naphthalene
Concen: 9.243 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.2	15.2
127	14.4	11.9	17.9

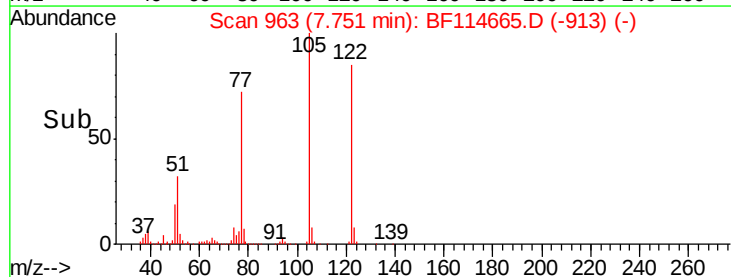
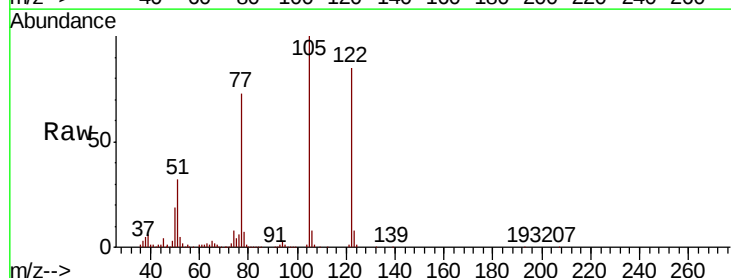
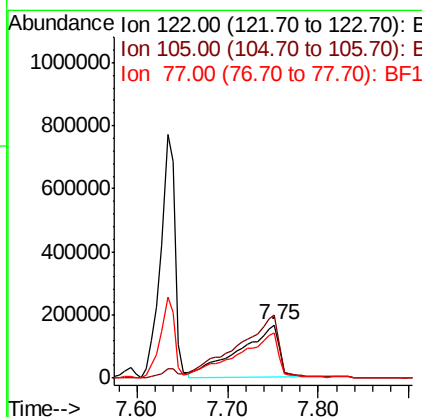
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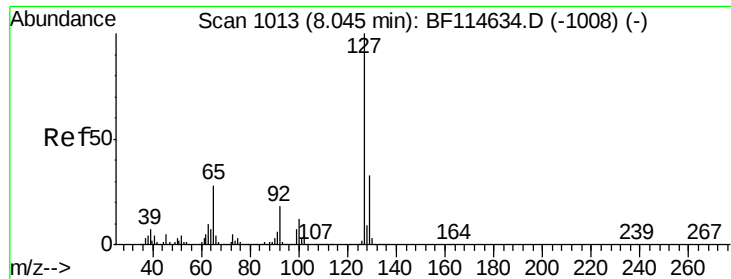
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#32
Benzoic acid
Concen: 10.119 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.3	138.3
77	85.7	70.7	110.7





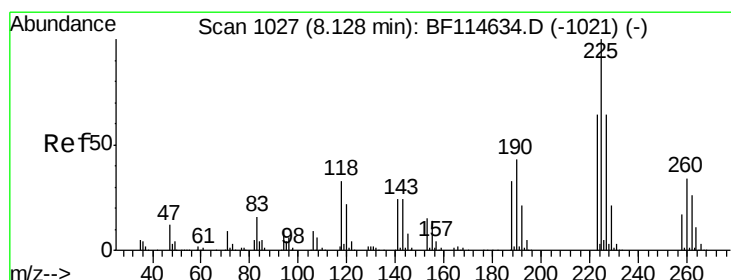
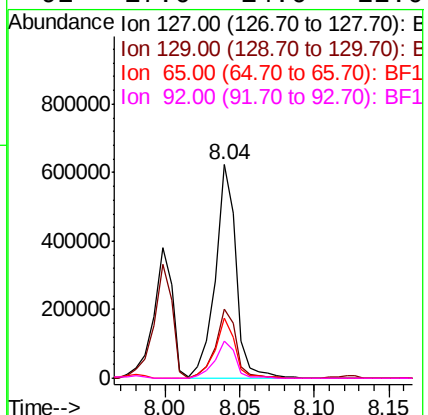
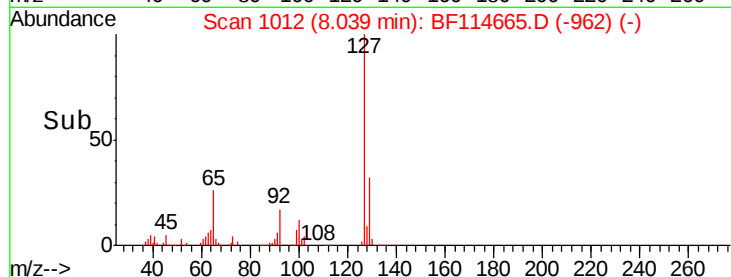
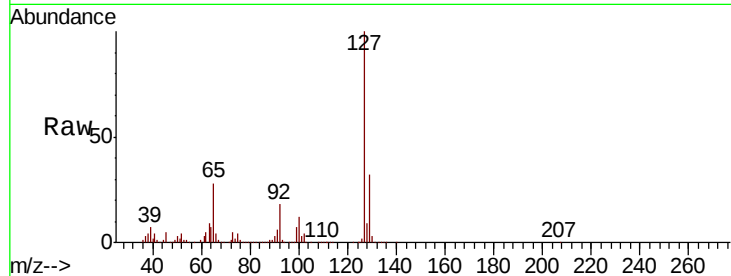
#33
4-Chloroaniline
Concen: 4.785 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.7	40.1	
65	28.0	22.5	33.7	
92	17.6	14.6	22.0	

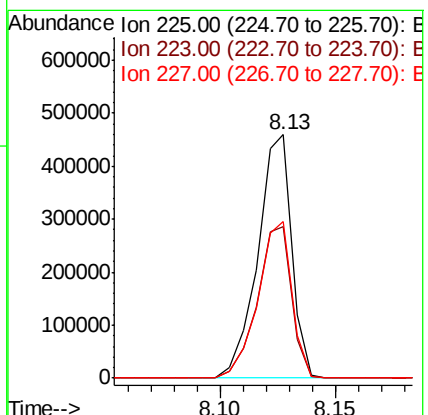
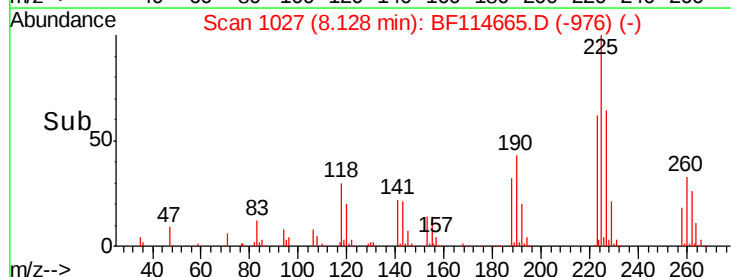
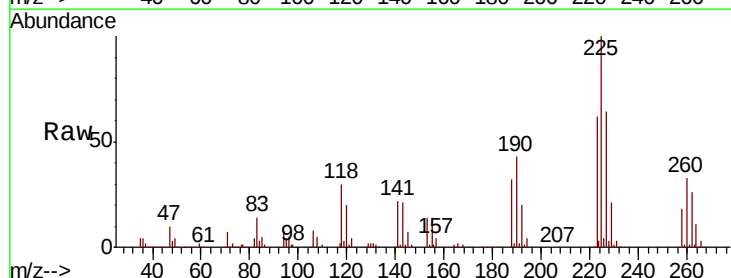
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#34
Hexachlorobutadiene
Concen: 9.174 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.9	76.3	
227	64.2	51.3	76.9	





#35

Caprolactam

Concen: 8.610 ng/mL

RT: 8.42 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

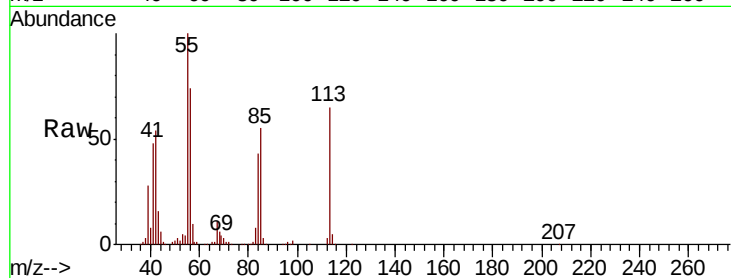
ClientSampleId :

PB119288BS

Tot Ion:	113	Resp:	235468
Ion Ratio	Lower	Upper	
113	100		
55	154.0	136.4	176.4
56	114.8	97.0	137.0

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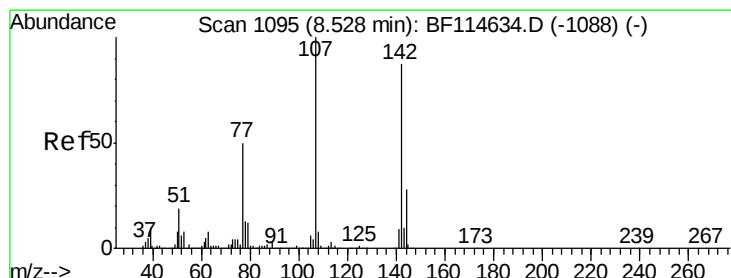
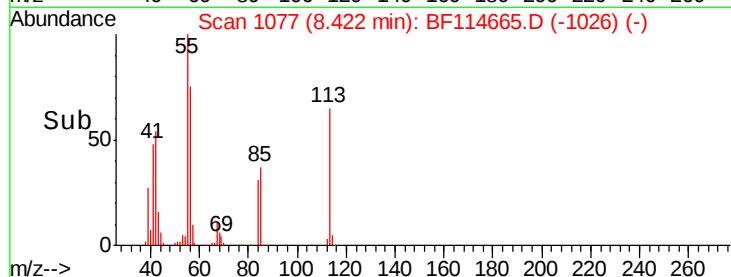
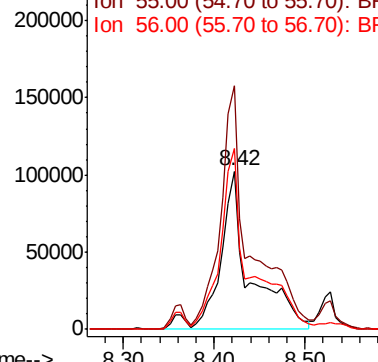


Abundance

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: 9.371 ng/mL

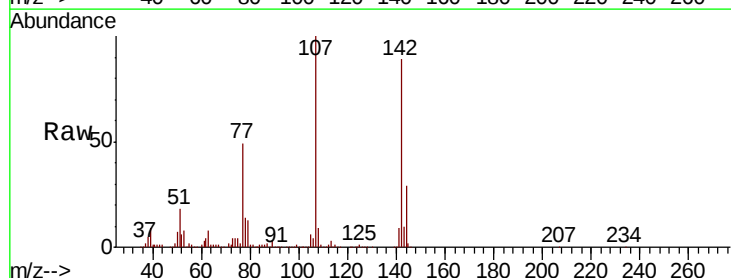
RT: 8.53 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:	107	Resp:	761524
Ion Ratio	Lower	Upper	
107	100		
144	29.3	22.5	33.7
142	89.4	69.8	104.6

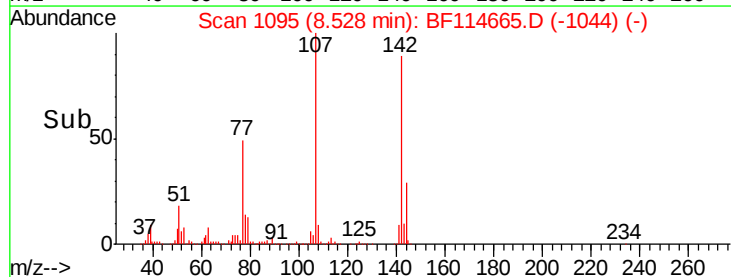
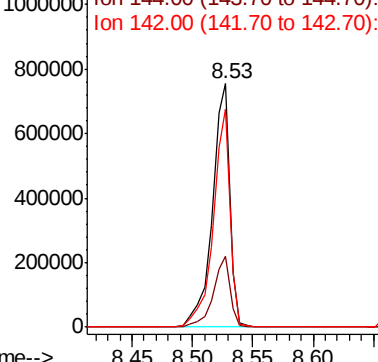


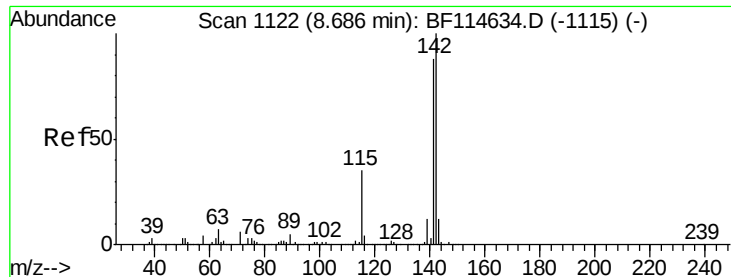
Abundance

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





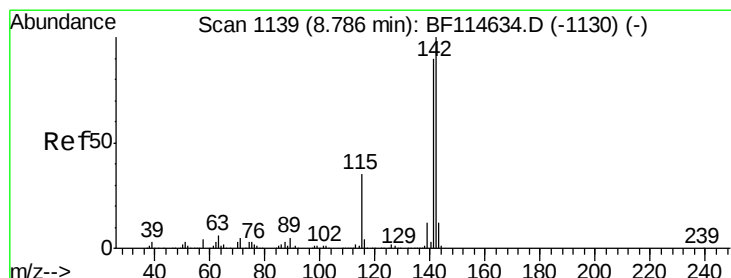
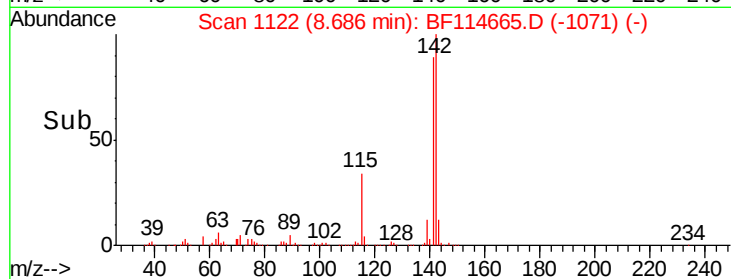
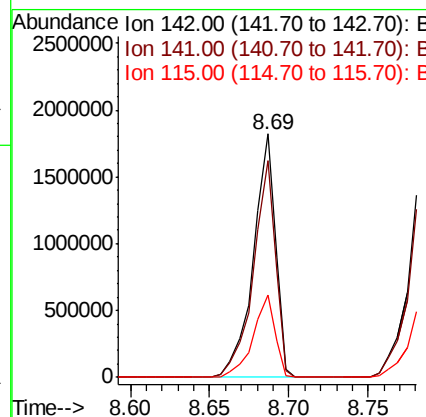
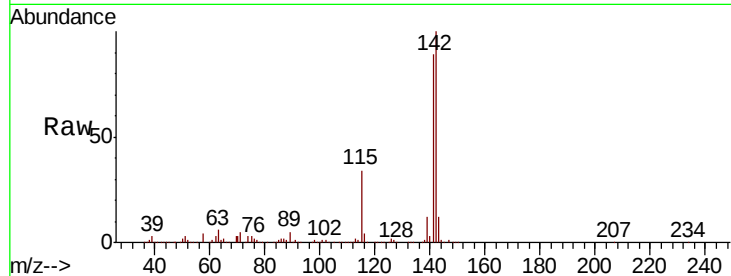
#37
2-Methylnaphthalene
Concen: 9.991 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	33.9	28.0	42.0

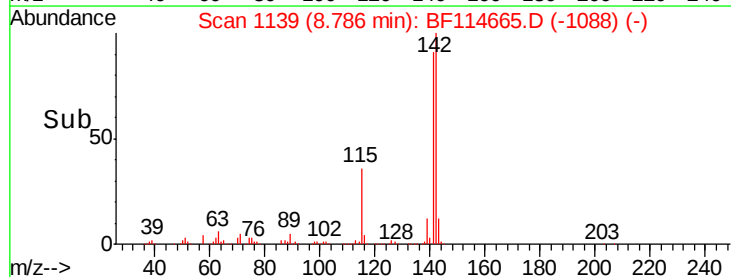
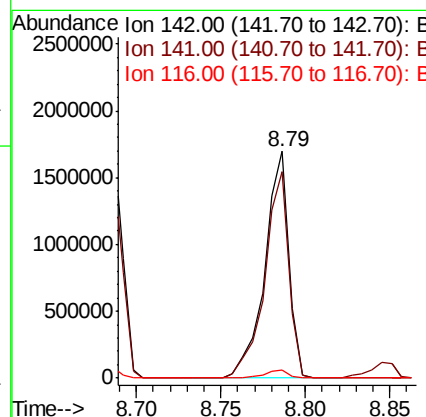
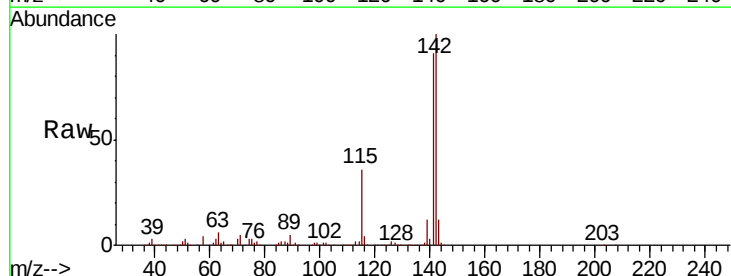
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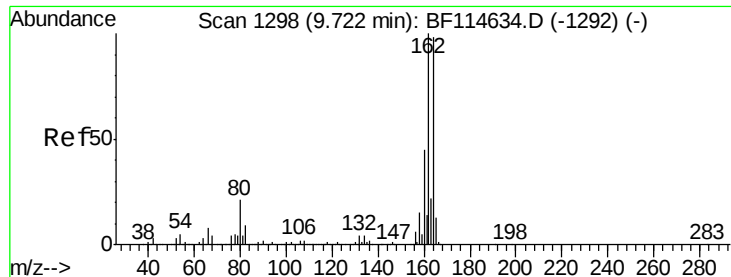
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#38
1-Methylnaphthalene
Concen: 9.993 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
116	3.7	3.0	4.4





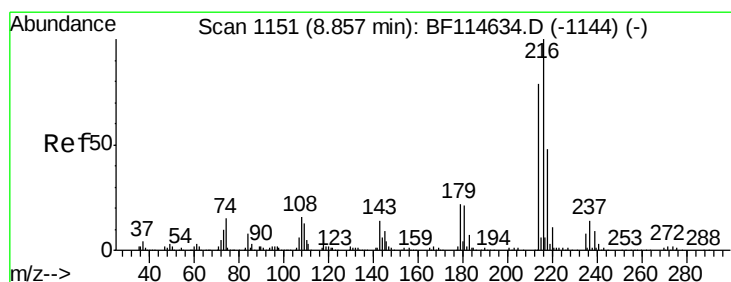
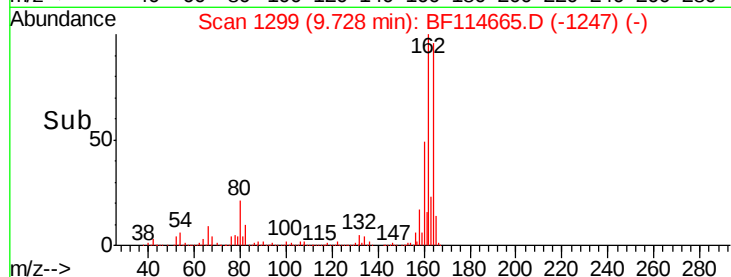
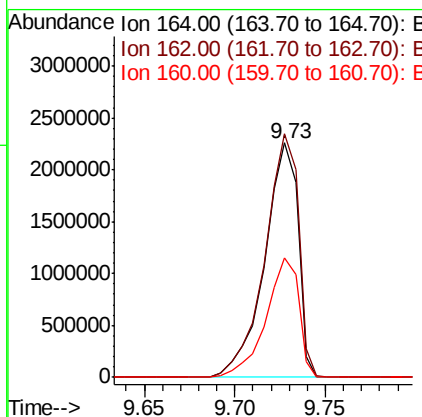
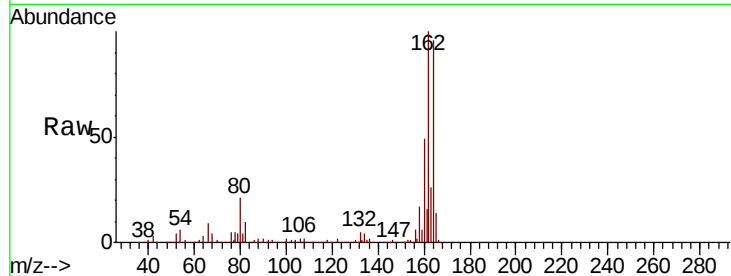
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	50.8	36.6	54.8

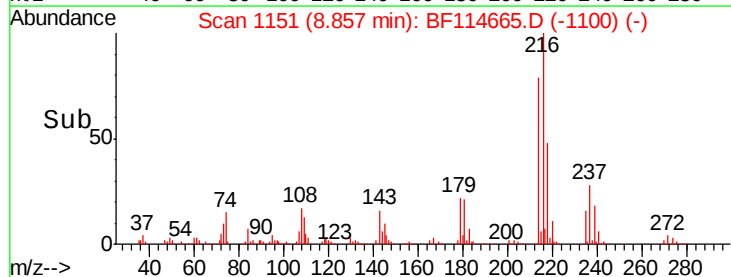
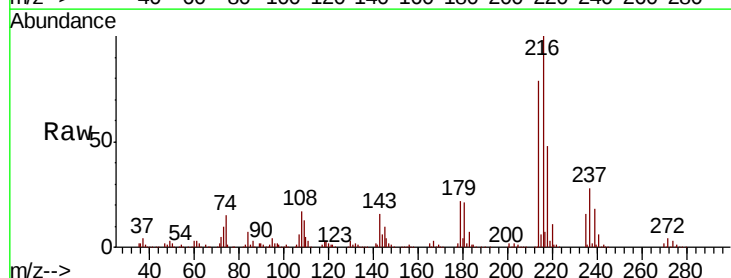
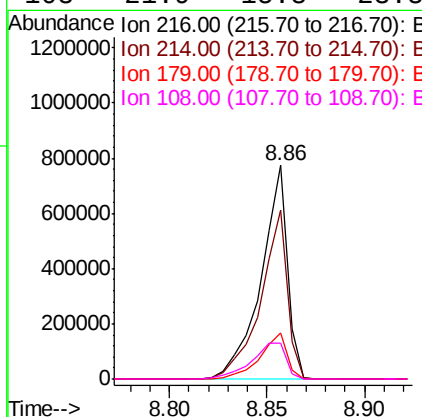
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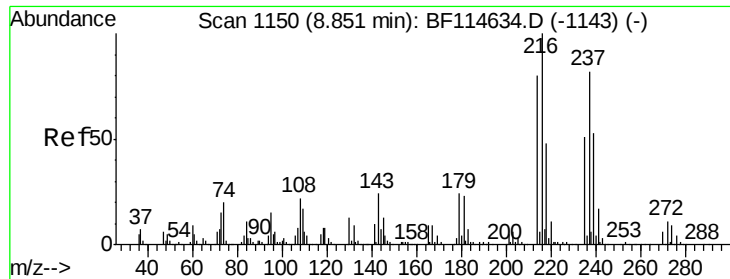
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.405 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.2	94.8
179	22.0	17.9	26.9
108	21.9	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 19.494 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

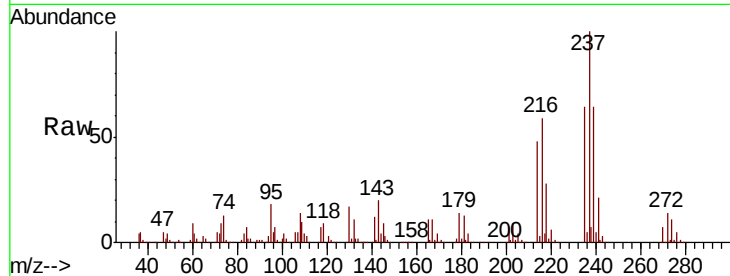
ClientSampleId :

PB119288BS

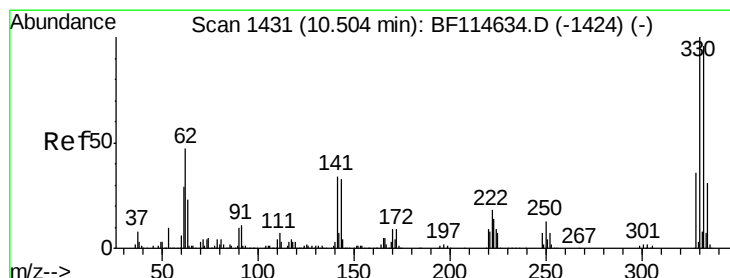
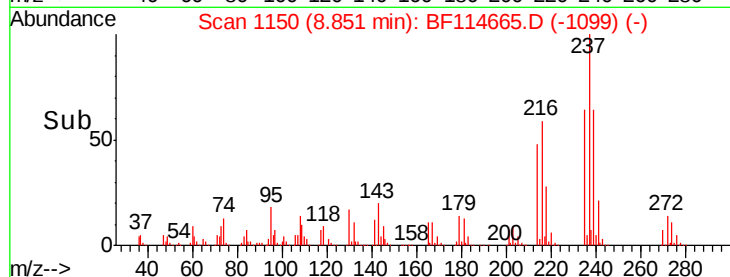
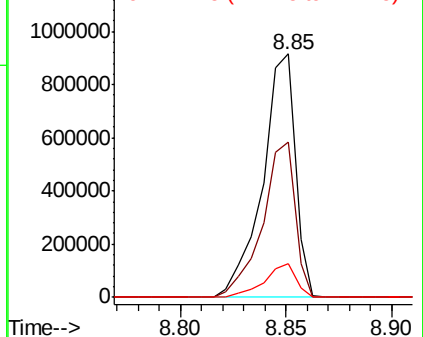
Tot Ion:	237	Resp:	994817
Ion Ratio		Lower	Upper
237	100		
235	64.0	42.8	82.8
272	13.9	0.0	33.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.153 ng

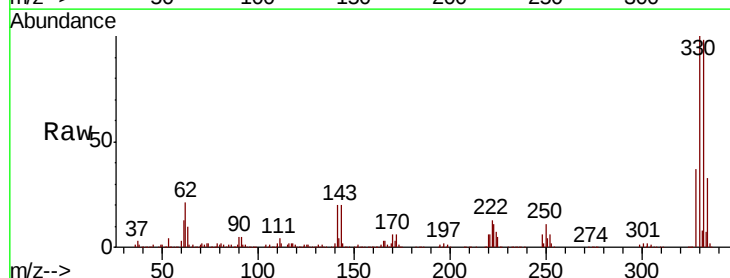
RT: 10.53 min Scan# 1435

Delta R.T. 0.02 min

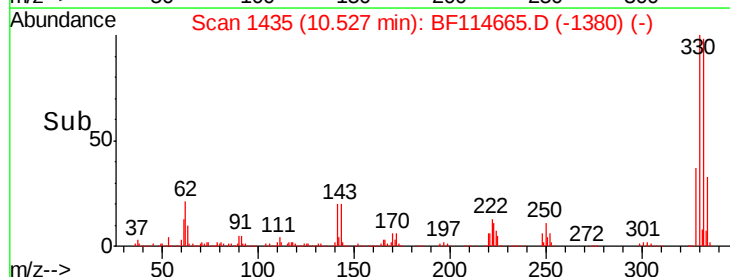
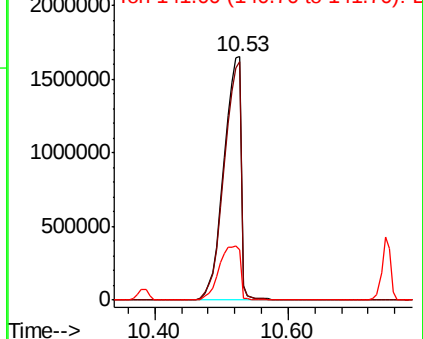
Lab File: BF114665.D

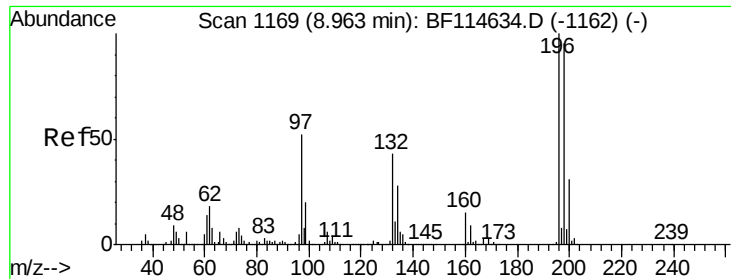
Acq: 30 May 2019 17:33

Tgt Ion:	330	Resp:	3043679
Ion Ratio		Lower	Upper
330	100		
332	95.9	75.8	113.8
141	27.3	27.8	41.8#



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





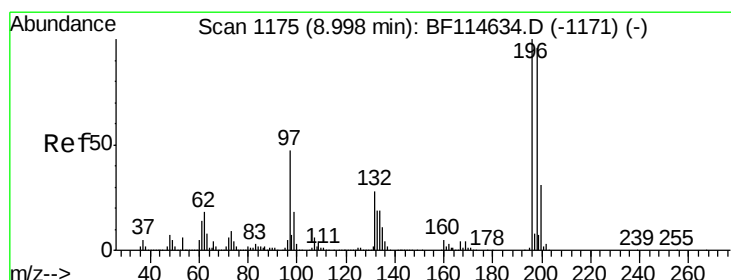
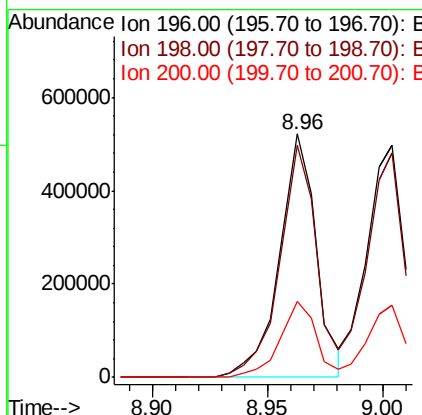
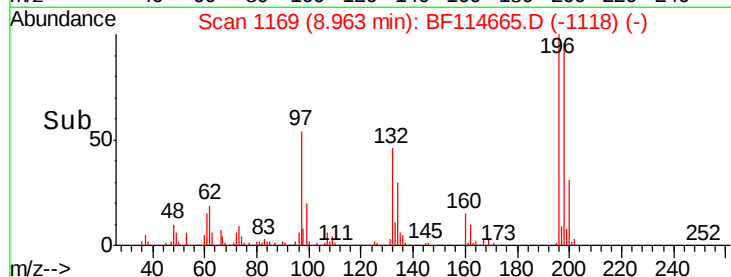
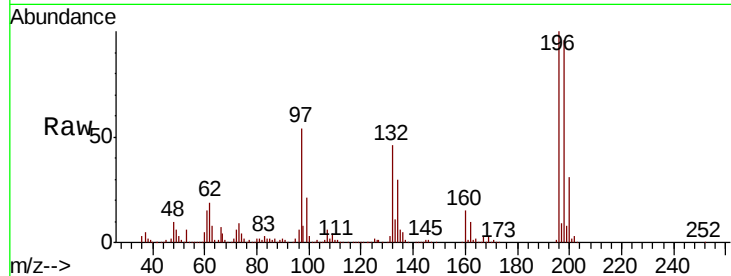
#43
 2,4,6-Trichlorophenol
 Concen: 9.435 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion:	196	Resp:	573328
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.1	114.1
200	30.9	24.7	37.1

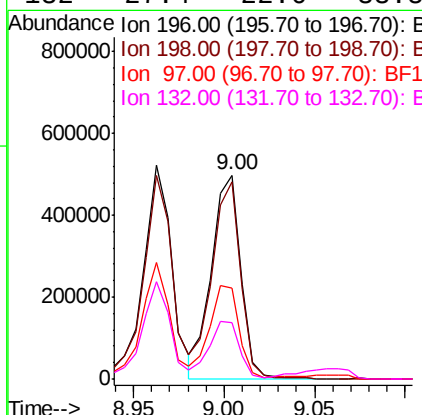
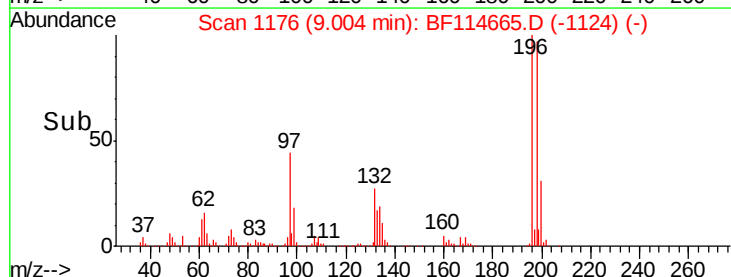
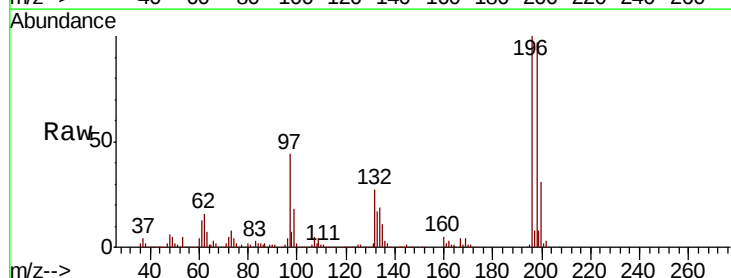
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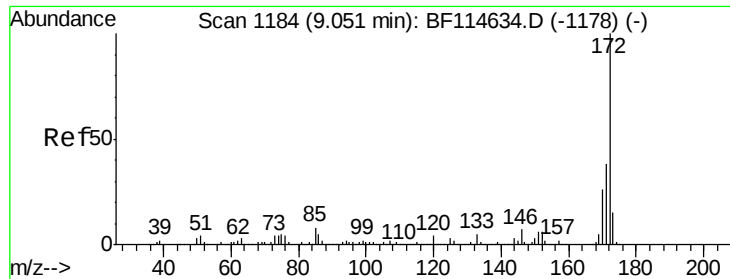
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#44
 2,4,5-Trichlorophenol
 Concen: 9.197 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion:	196	Resp:	557670
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.8	115.2
97	44.4	37.8	56.8
132	27.4	22.6	33.8





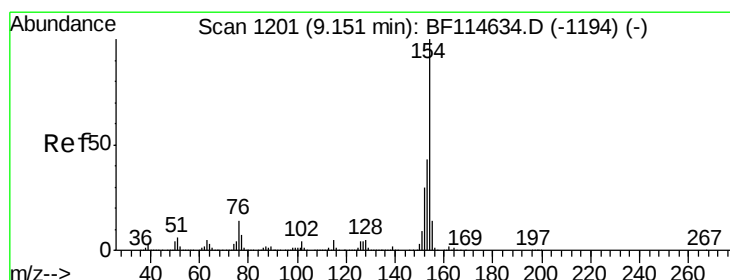
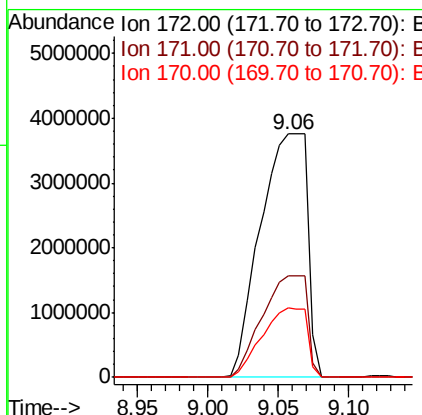
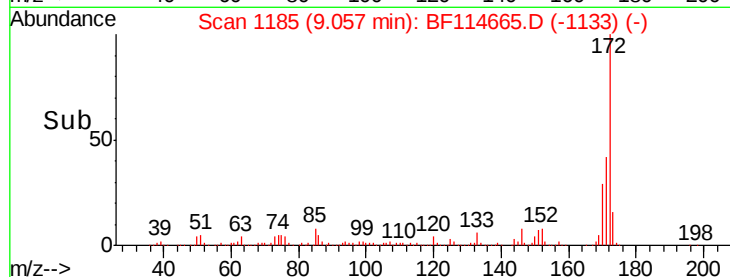
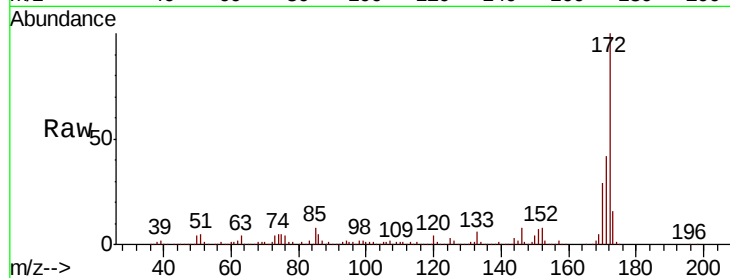
#45
2-Fluorobiphenyl
Concen: 50.128 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion:172 Resp: 8751849
Ion Ratio Lower Upper
172 100
171 41.6 30.6 45.8
170 28.6 20.7 31.1

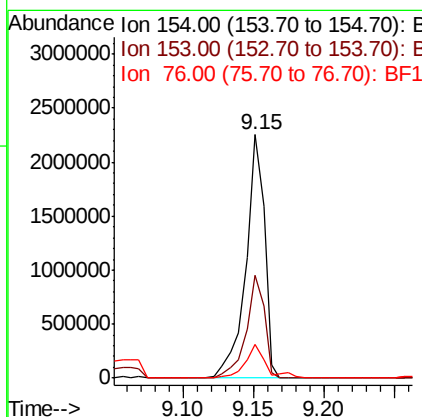
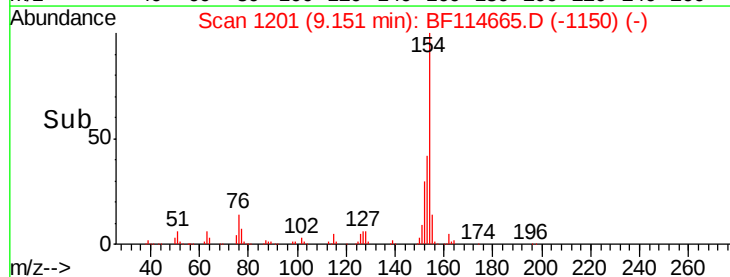
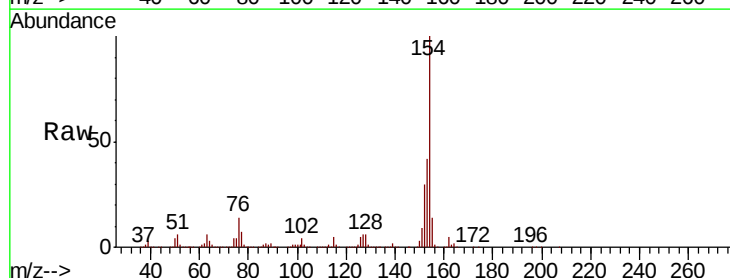
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#46
1,1'-Biphenyl
Concen: 9.646 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion:154 Resp: 2076506
Ion Ratio Lower Upper
154 100
153 42.2 23.0 63.0
76 14.0 0.0 33.9





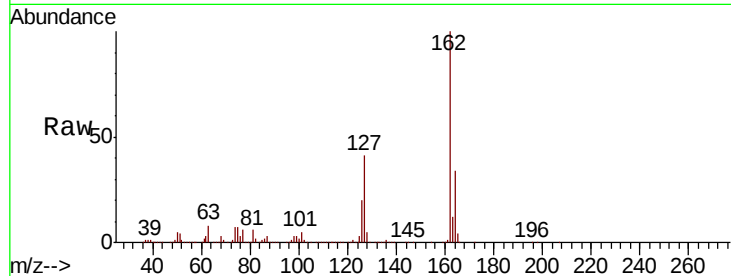
#47
2-Chloronaphthalene
Concen: 9.299 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

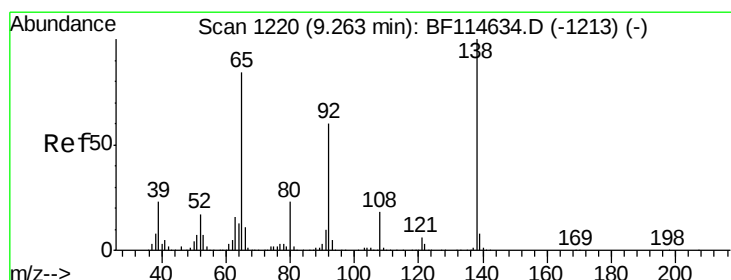
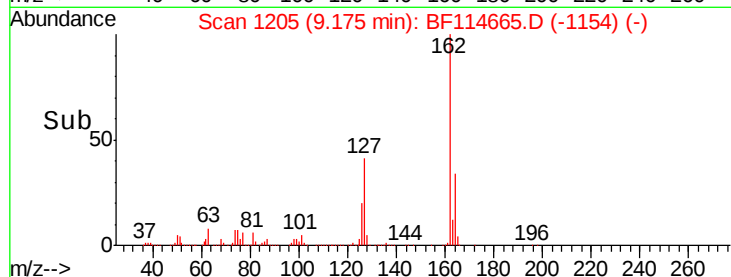
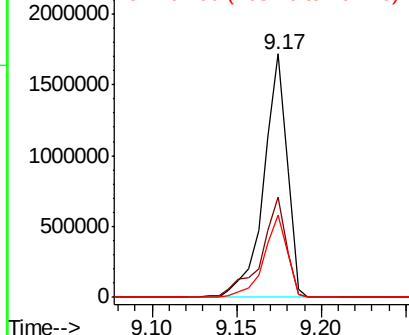
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.2	48.2
164	34.1	27.8	41.6

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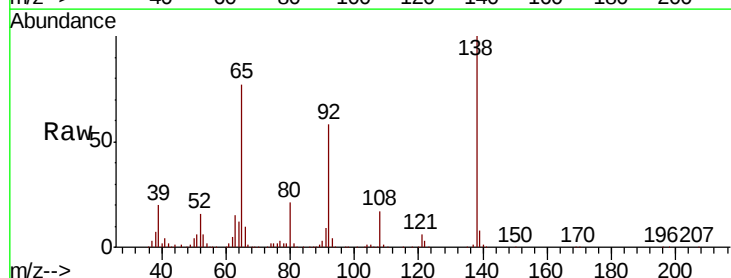


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

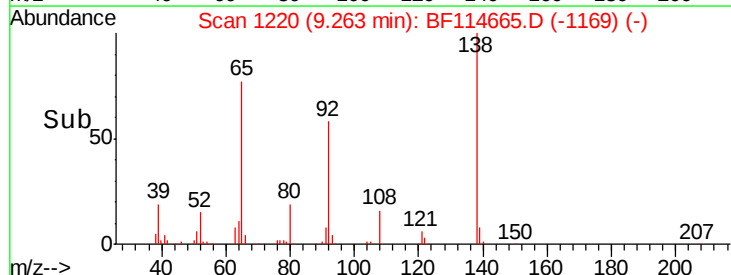
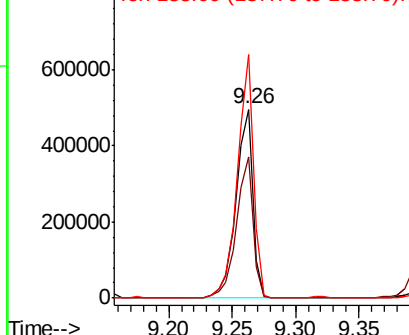


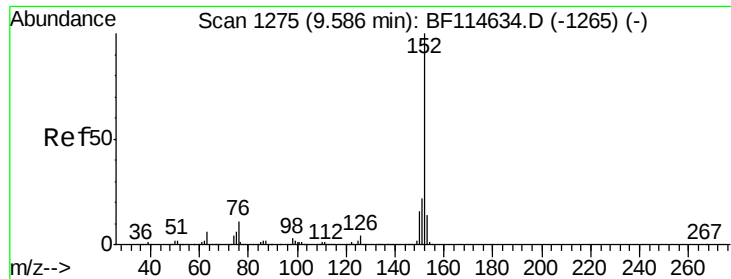
#48
2-Nitroaniline
Concen: 8.271 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	57.1	85.7
138	129.1	95.8	143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.219 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:152 Resp: 2514906

Ion Ratio Lower Upper

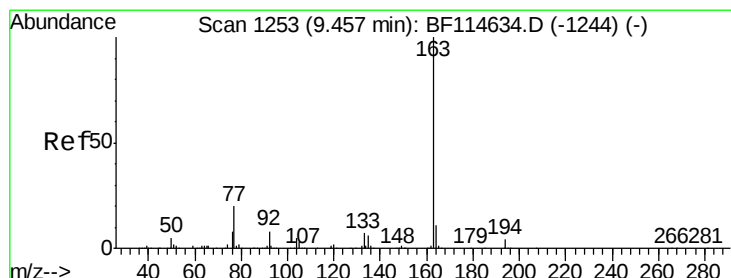
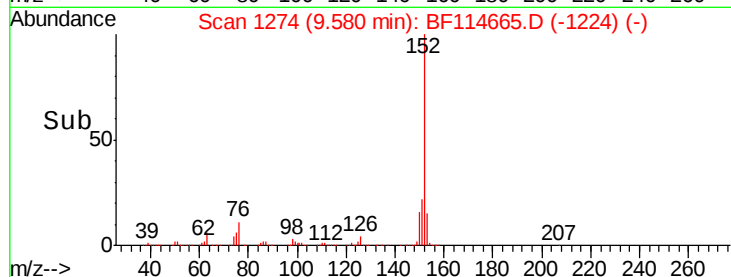
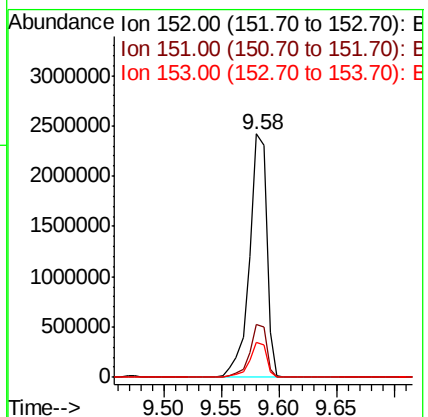
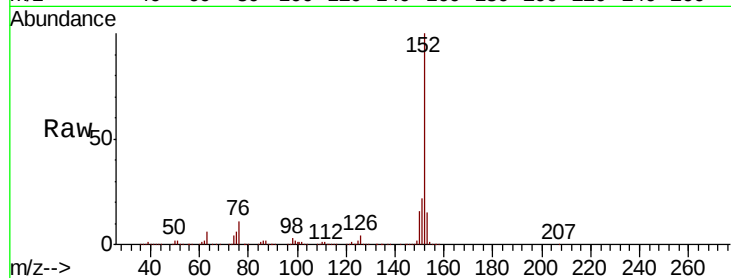
152 100

151 21.9 17.5 26.3

153 14.6 11.6 17.4

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#50

Dimethylphthalate

Concen: 9.081 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

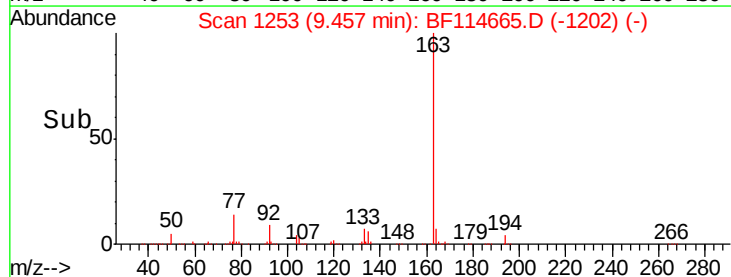
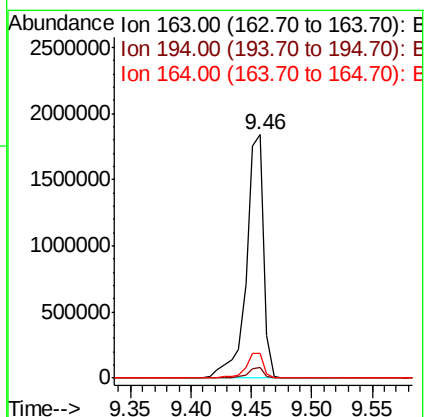
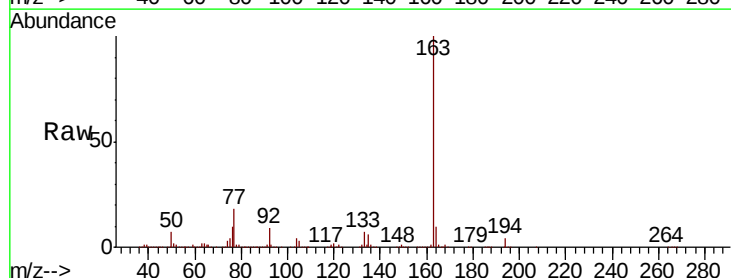
Tgt Ion:163 Resp: 1834892

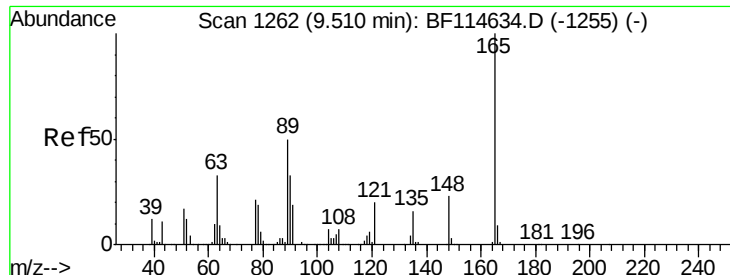
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 9.156 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:165 Resp: 429904

Ion Ratio Lower Upper

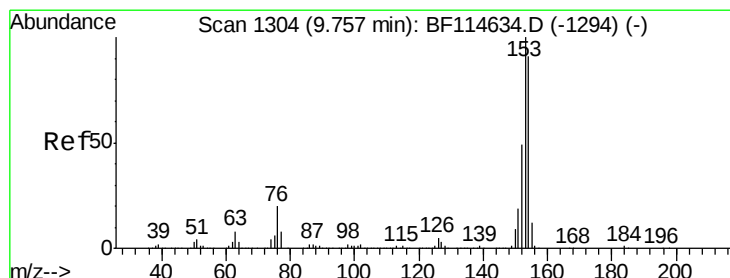
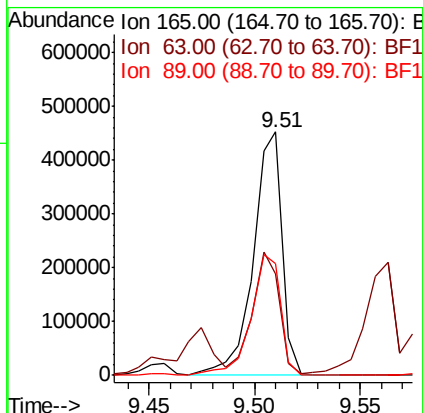
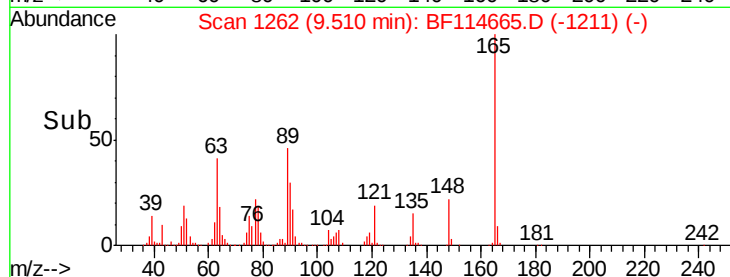
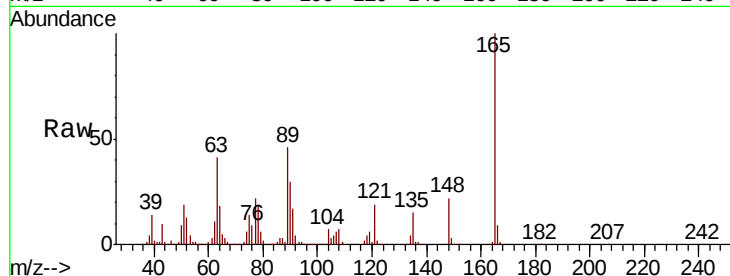
165 100

63 41.5 36.6 54.8

89 46.1 40.2 60.4

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#52

Acenaphthene

Concen: 9.902 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

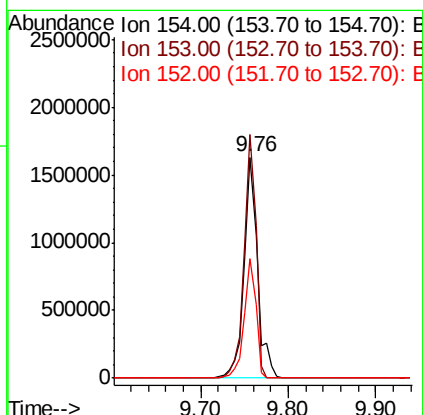
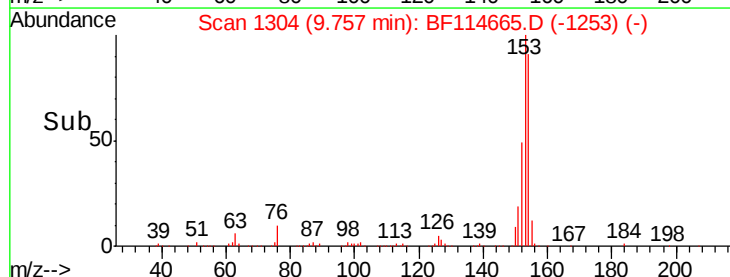
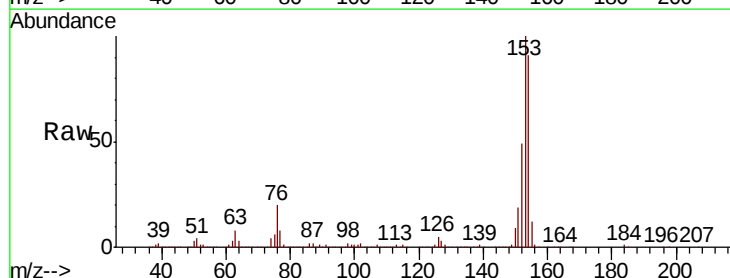
Tgt Ion:154 Resp: 1656546

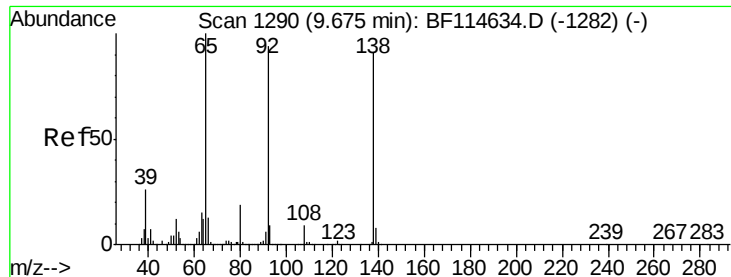
Ion Ratio Lower Upper

154 100

153 110.1 88.4 132.6

152 54.1 43.4 65.0





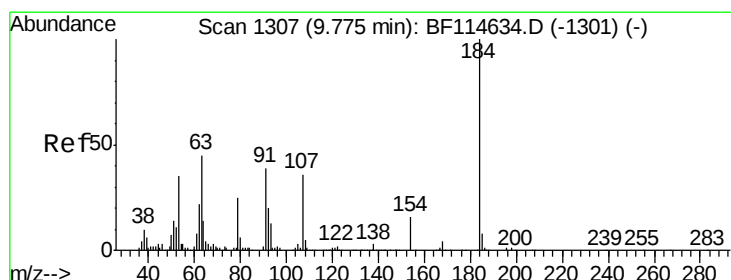
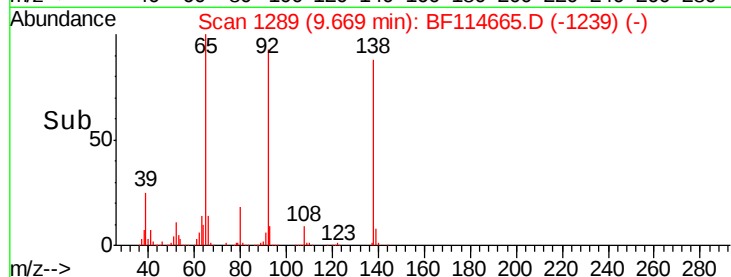
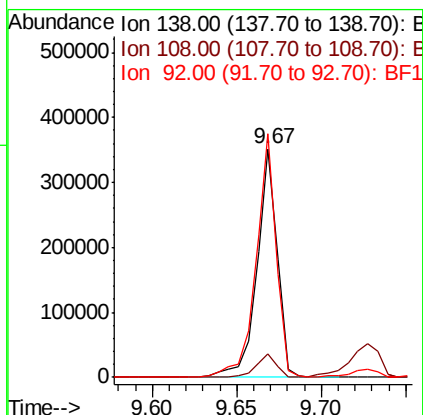
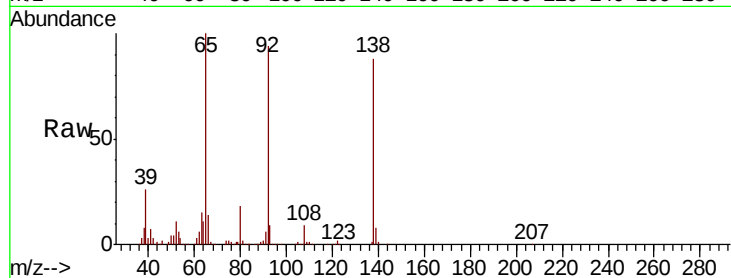
#53
3-Nitroaniline
Concen: 5.160 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	296519		
108	10.1	8.3	12.5	
92	106.6	83.1	124.7	

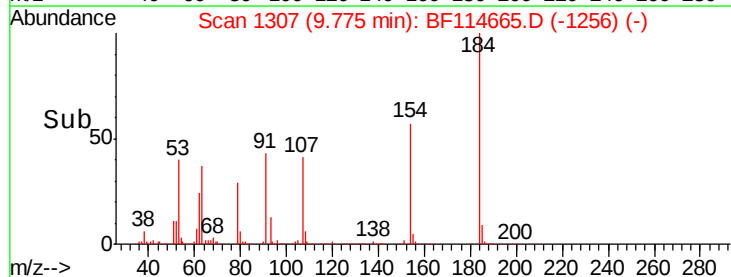
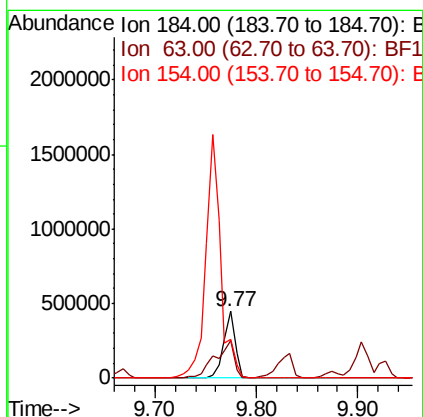
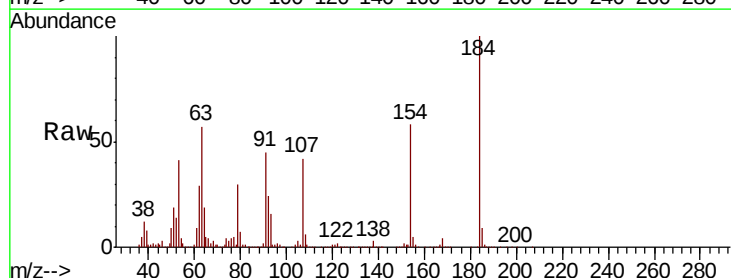
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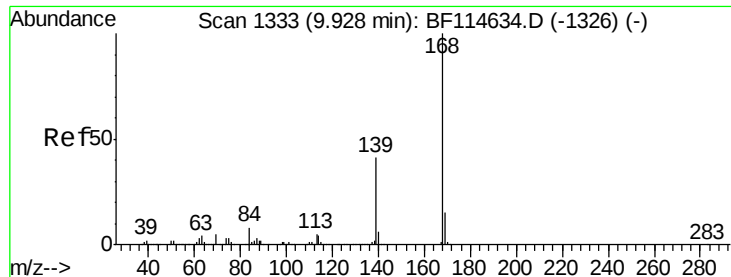
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#54
2,4-Dinitrophenol
Concen: 19.553 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	362128		
63	56.8	38.8	58.2	
154	57.7	43.7	65.5	





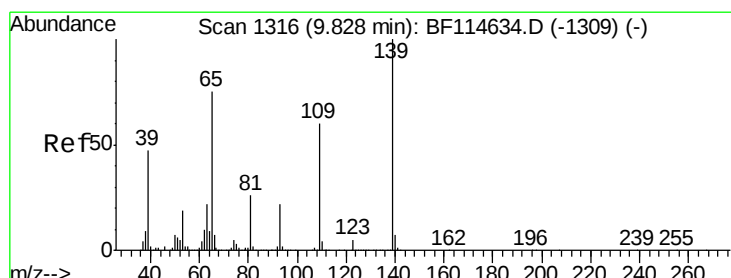
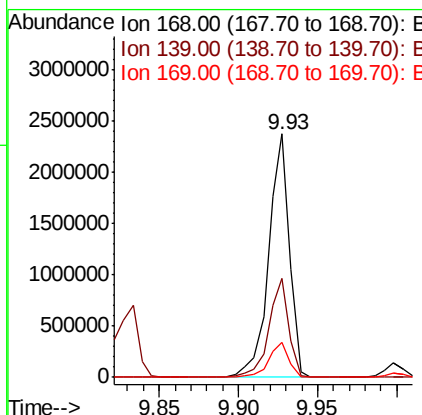
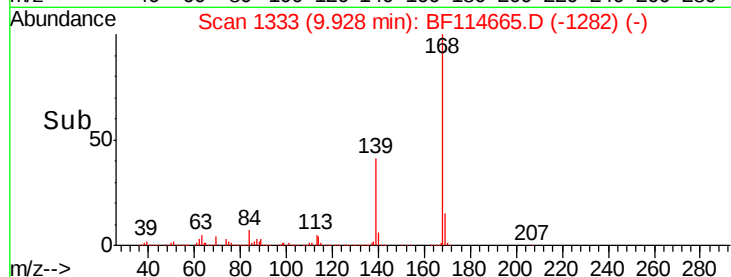
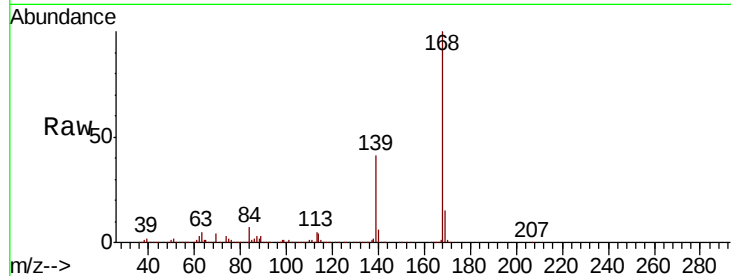
#55
Dibenzofuran
Concen: 9.144 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.6	48.8
169	14.6	11.8	17.8

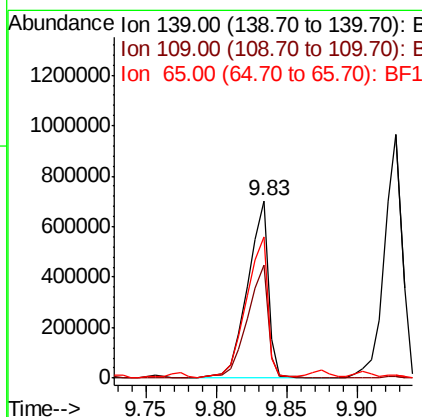
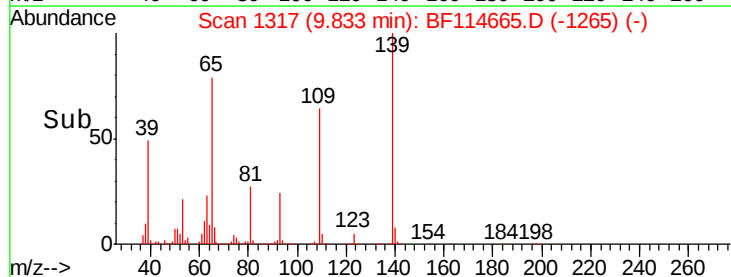
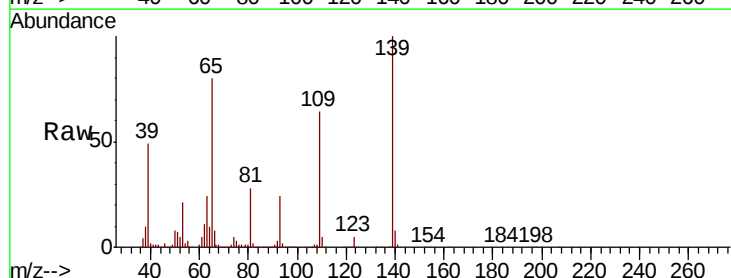
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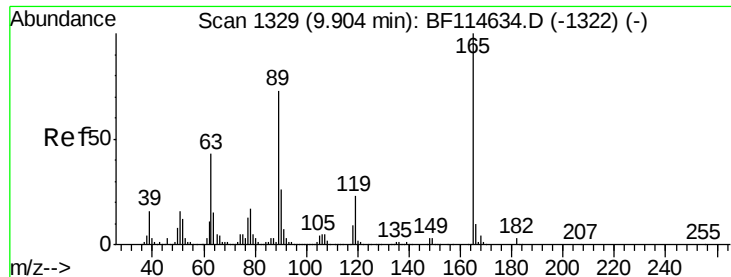
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#56
4-Nitrophenol
Concen: 17.082 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	40.4	80.4
65	79.6	54.7	94.7





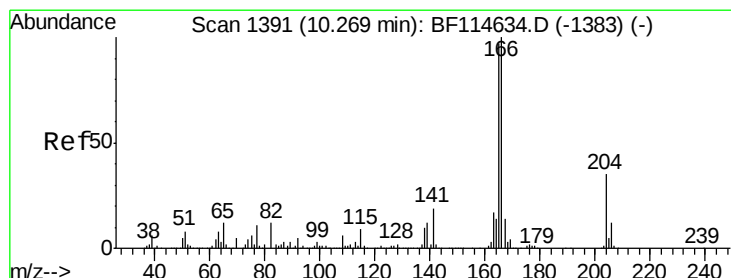
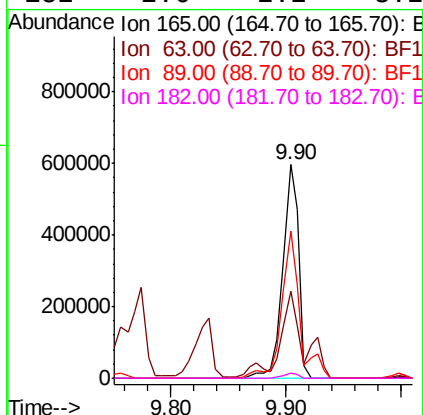
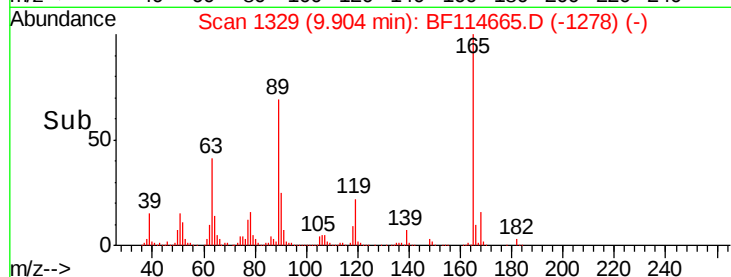
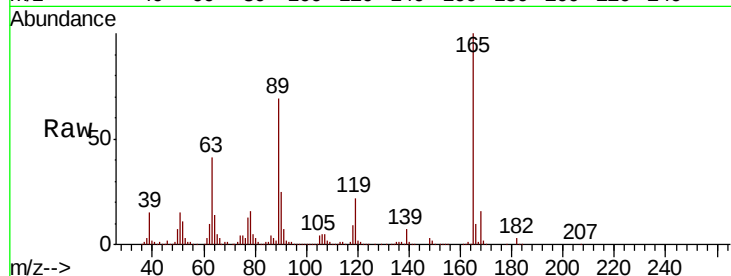
#57
2,4-Dinitrotoluene
Concen: 9.370 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion:	165	Resp:	564663
Ion Ratio	Lower	Upper	
165	100		
63	40.8	34.8	52.2
89	69.2	58.5	87.7
182	2.6	2.2	3.2

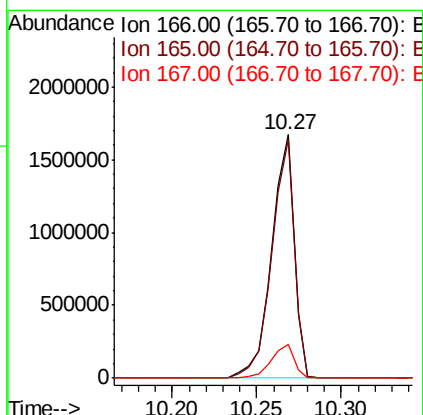
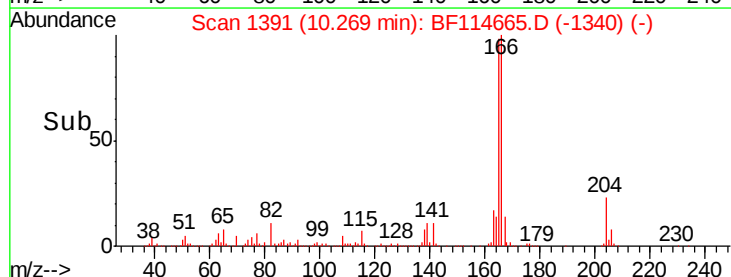
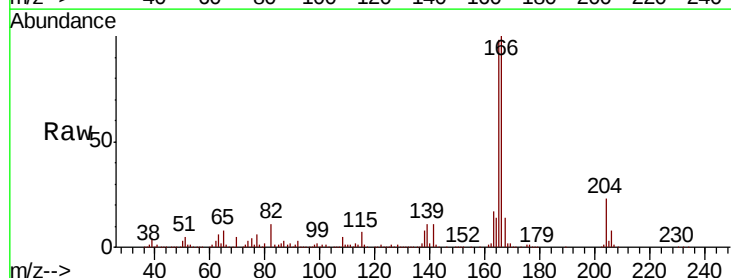
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#58
Fluorene
Concen: 4.997 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion:	166	Resp:	1544177
Ion Ratio	Lower	Upper	
166	100		
165	97.9	77.6	116.4
167	13.9	11.2	16.8





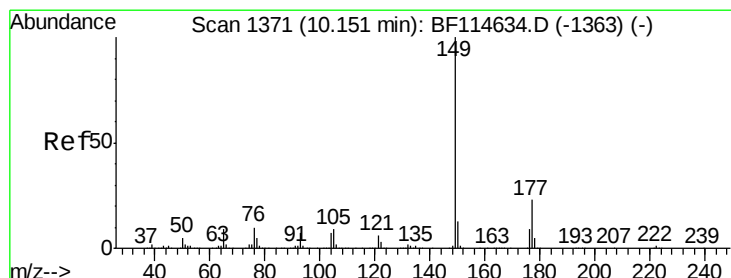
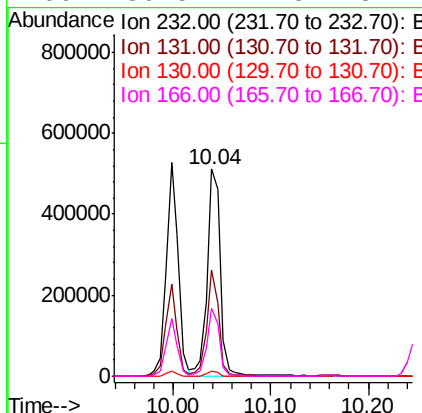
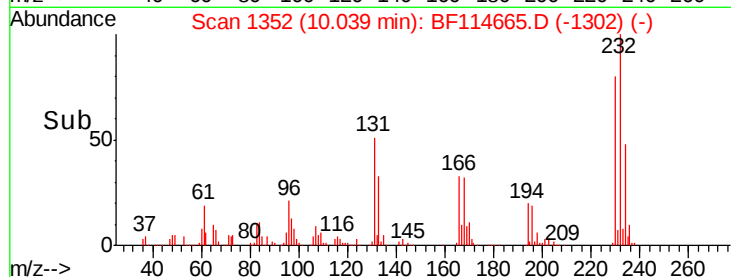
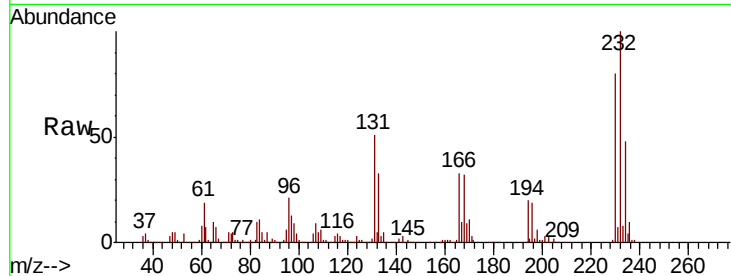
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.622 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion:	232	Resp:	477564
Ion Ratio	Lower	Upper	
232	100		
131	46.5	37.2	55.8
130	2.2	1.8	2.8
166	30.5	24.8	37.2

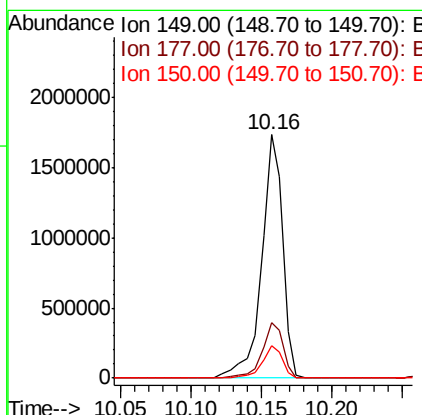
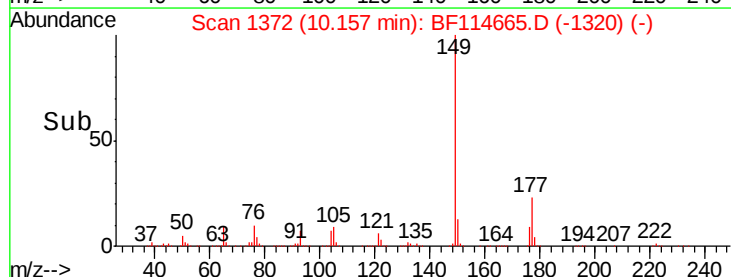
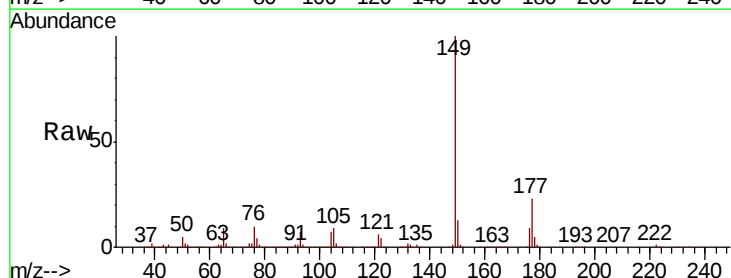
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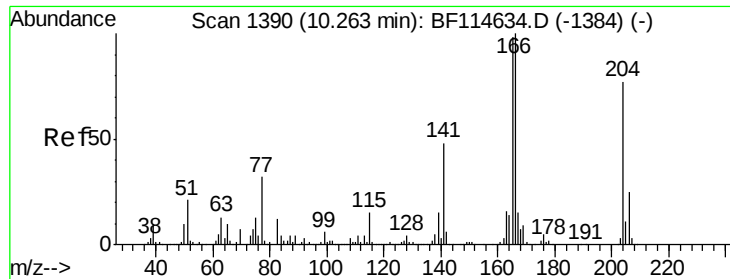
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#60
Diethylphthalate
Concen: 8.860 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion:	149	Resp:	1828541
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.6	28.0
150	13.2	10.6	15.8





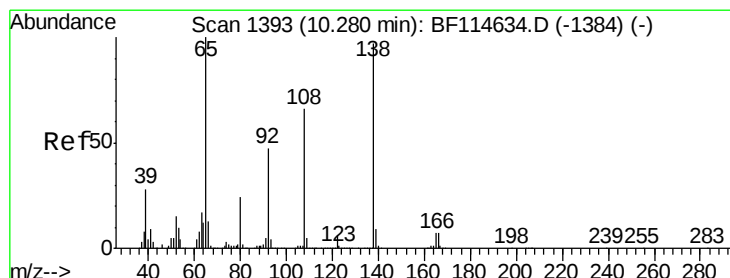
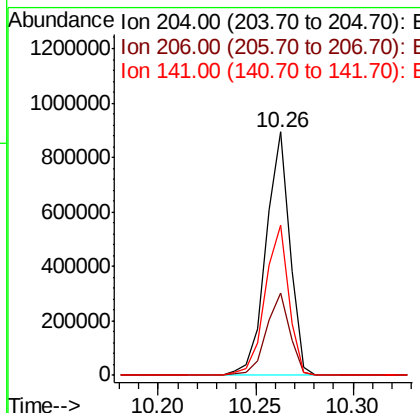
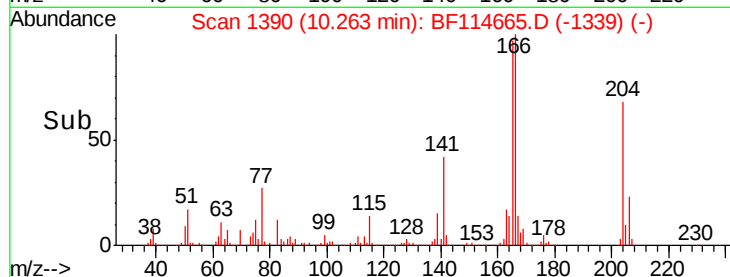
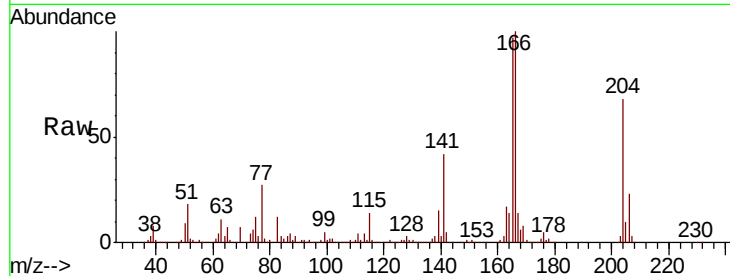
#61
 4-Chlorophenyl-phenylether
 Concen: 5.119 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion:	204	Resp:	757112
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.4	39.6
141	61.5	50.0	75.0

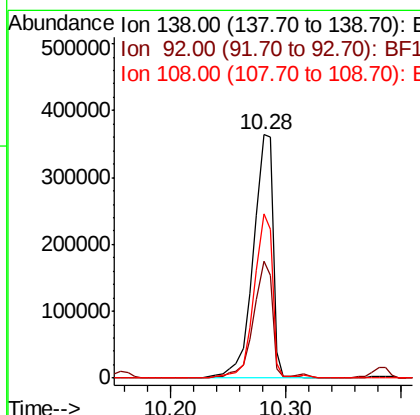
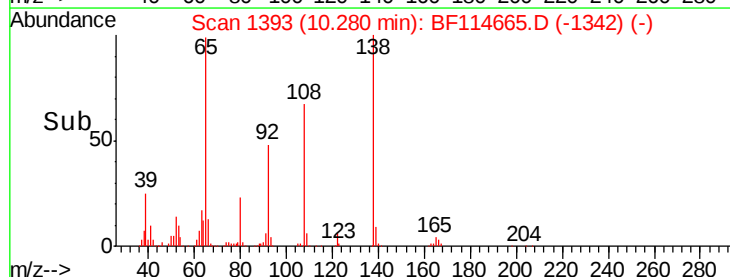
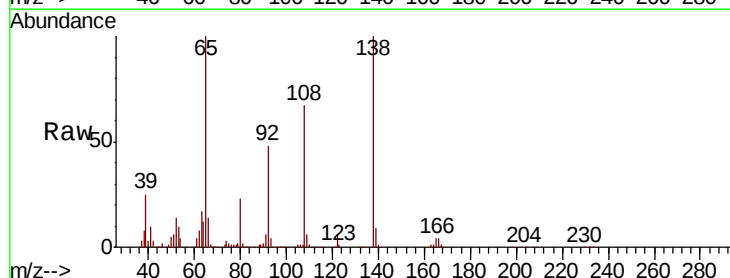
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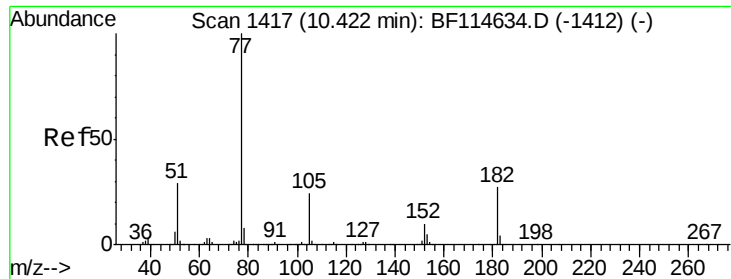
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#62
 4-Nitroaniline
 Concen: 7.818 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion:	138	Resp:	437773
Ion Ratio	Lower	Upper	
138	100		
92	47.8	28.0	68.0
108	67.4	48.4	88.4





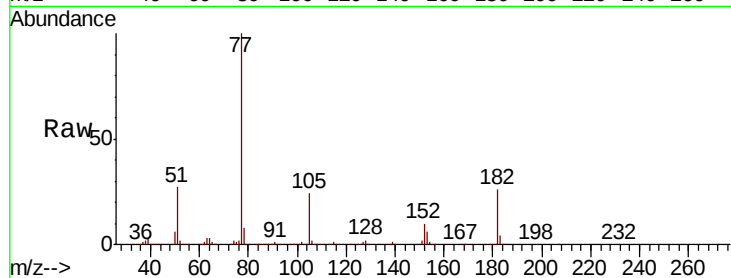
#63
Azobenzene
Concen: 9.068 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	7.0	47.0	
105	23.6	3.7	43.7	
51	27.3	9.1	49.1	

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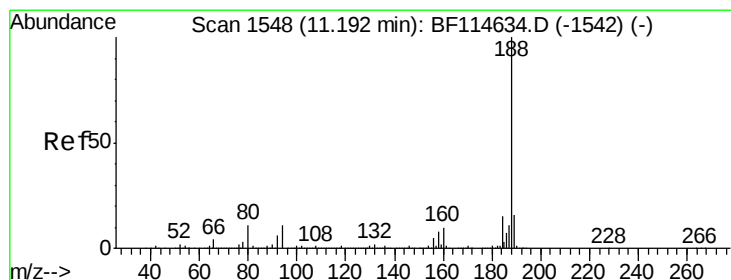
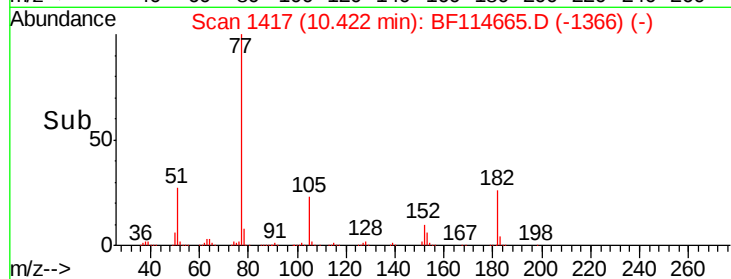
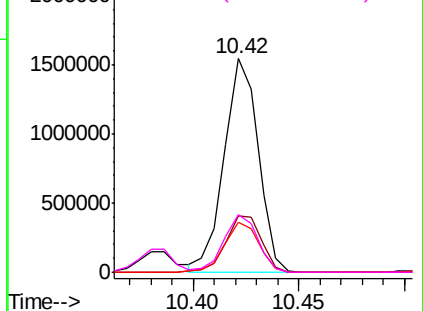
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

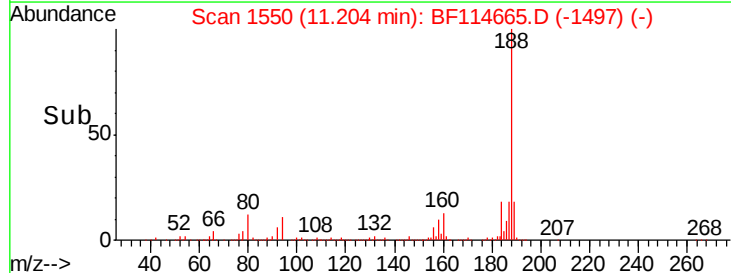
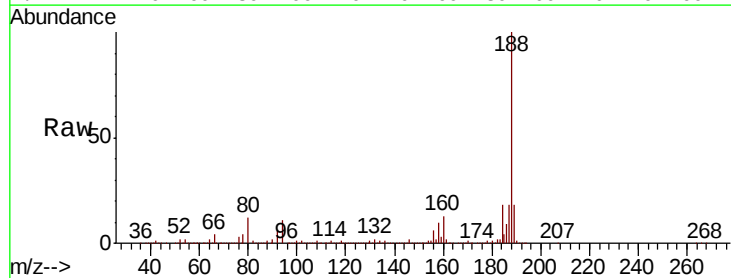
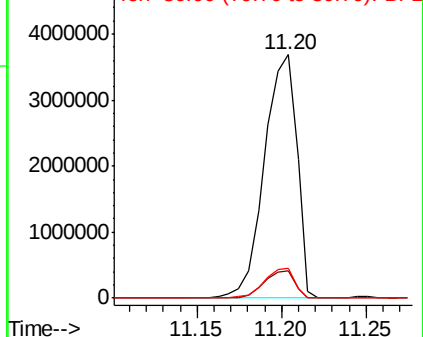
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.3	8.6	13.0	
80	12.0	9.0	13.6	

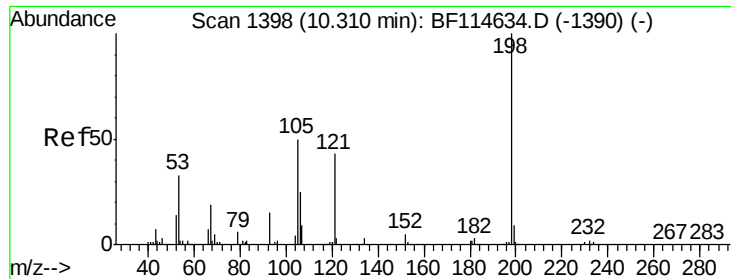
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.216 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

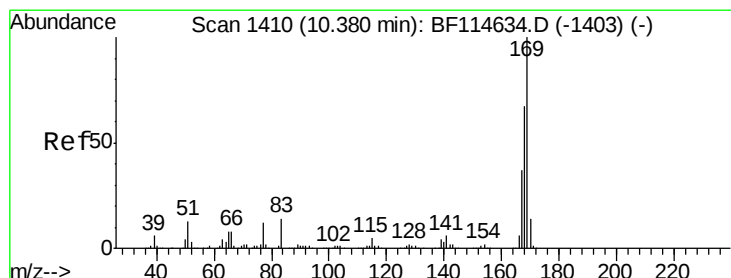
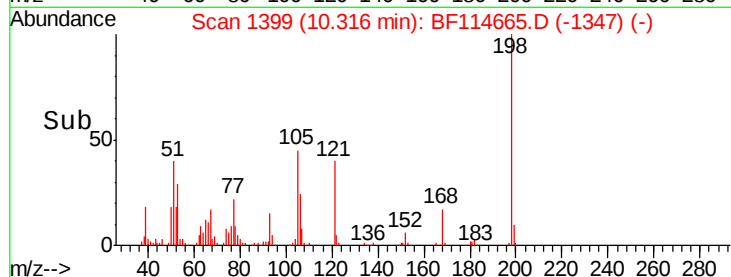
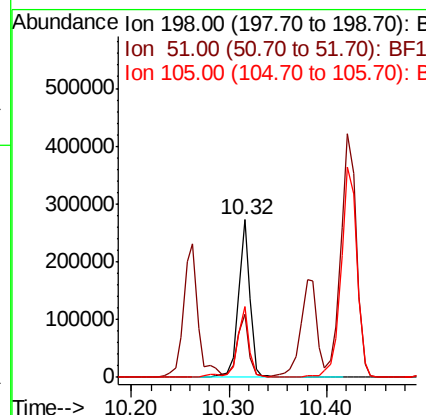
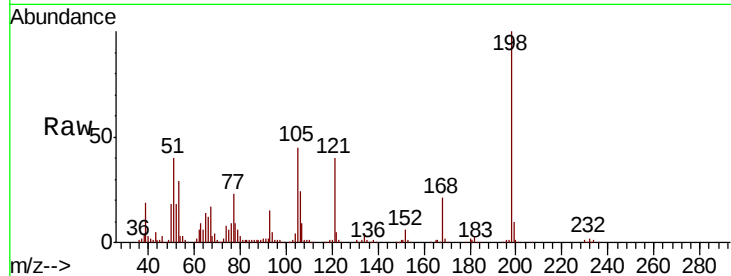
ClientSampleId :

PB119288BS

Tot Ion:	198	Resp:	223291
Ion Ratio	Lower	Upper	
198	100		
51	39.9	29.0	69.0
105	44.9	30.4	70.4

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#66

n-Nitrosodiphenylamine

Concen: 10.460 ng

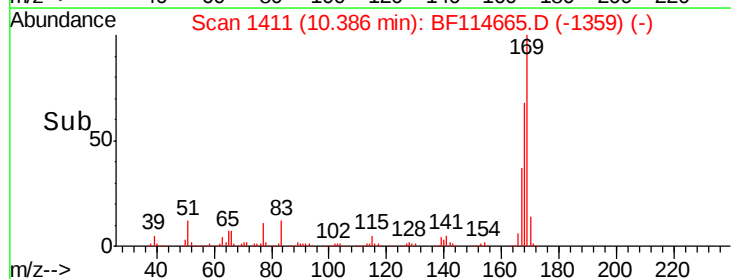
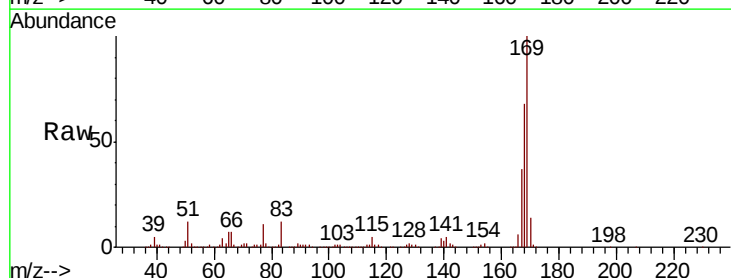
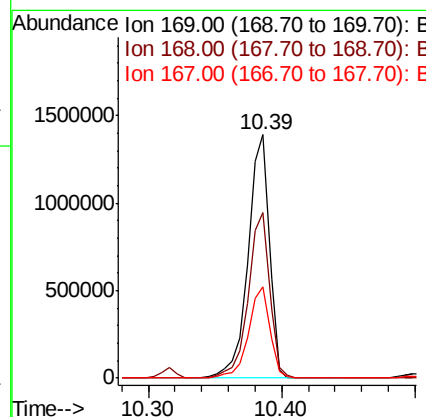
RT: 10.39 min Scan# 1411

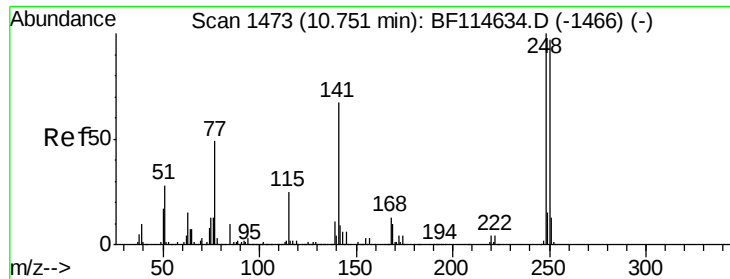
Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:	169	Resp:	1523361
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.8
167	37.5	29.8	44.6





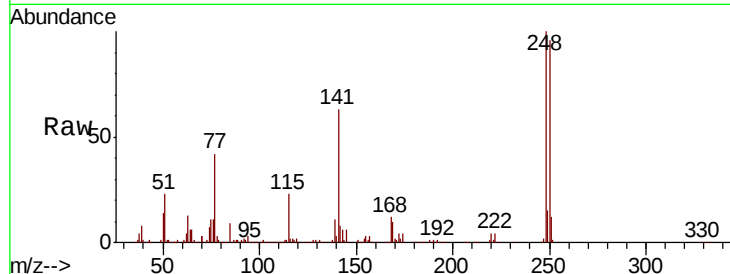
#67
4-Bromophenyl-phenylether
Concen: 9.926 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.0	117.0
141	62.9	53.8	80.8

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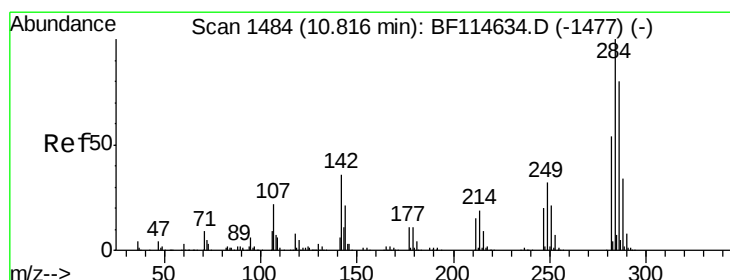
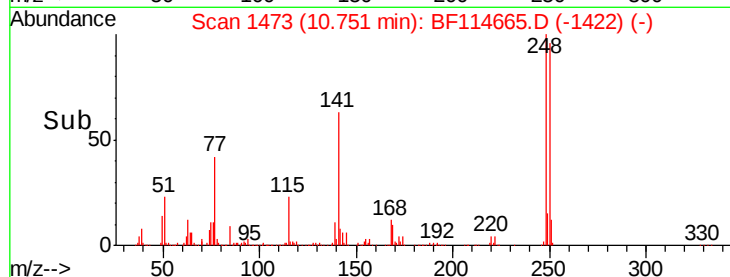
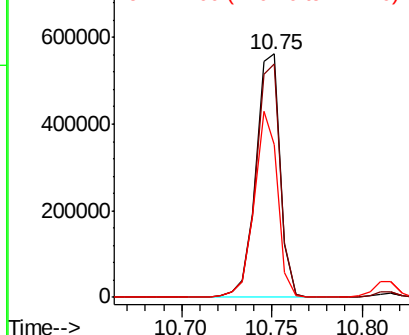


Abundance

Ion 248.00 (247.70 to 248.70): E

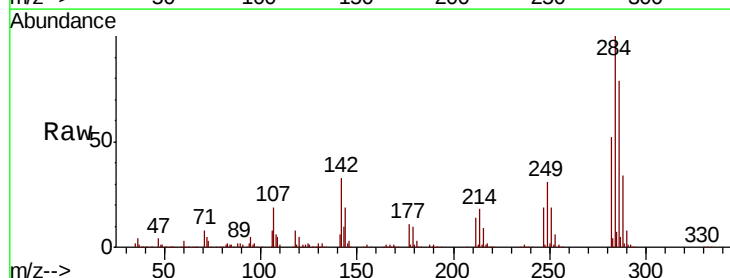
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 9.792 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.9	43.3
249	30.5	25.8	38.6

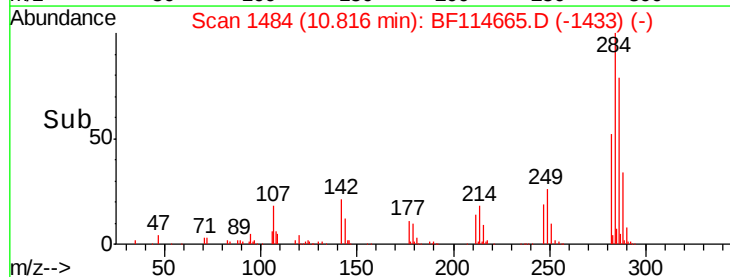
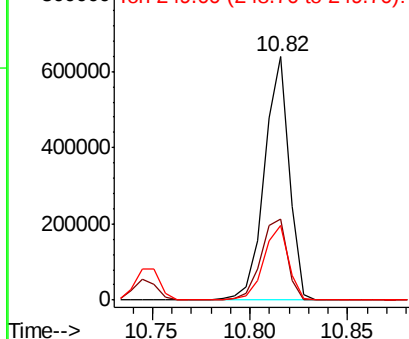


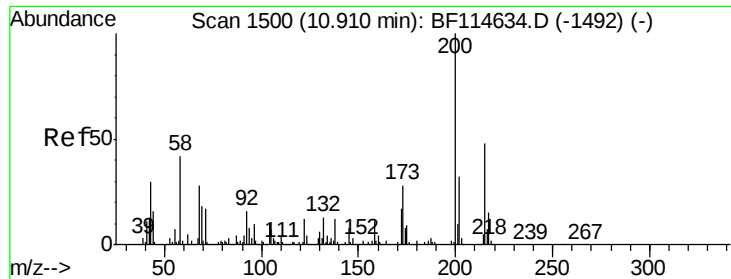
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





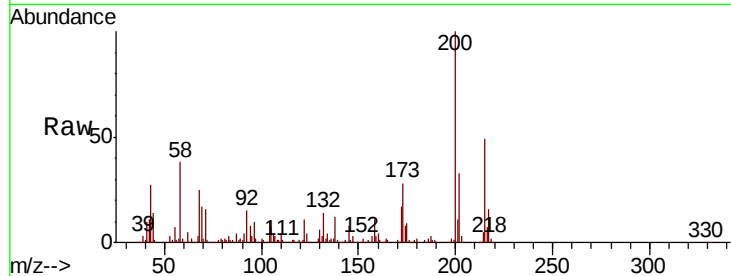
#69
Atrazine
Concen: 8.186 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	49.0	27.8	67.8

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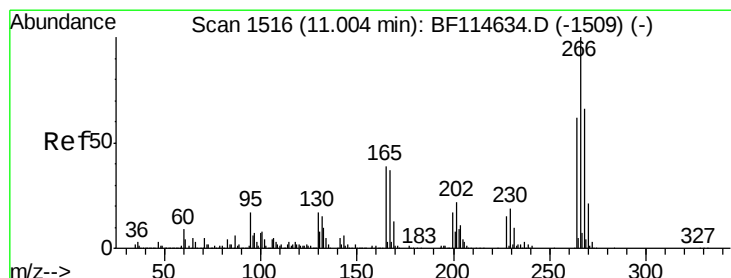
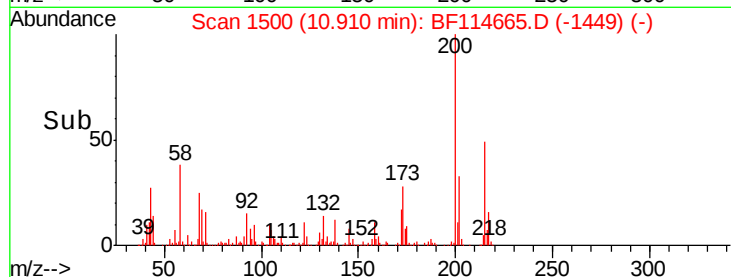
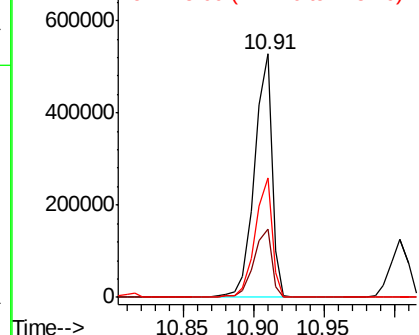


Abundance

Ion 200.00 (199.70 to 200.70): E

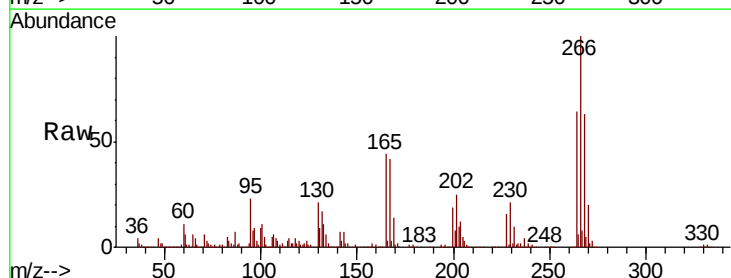
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 19.179 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.8	79.2
264	63.7	49.9	74.9

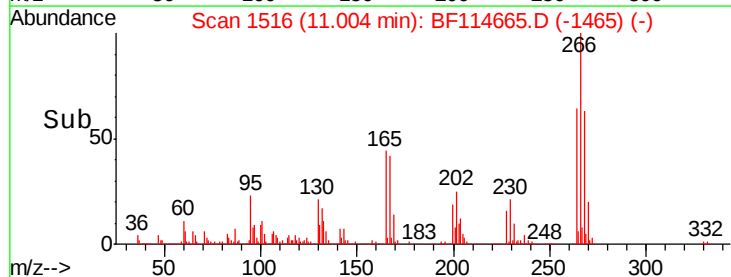
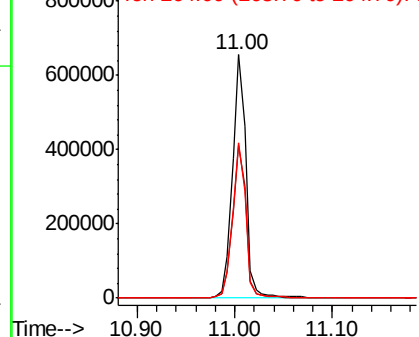


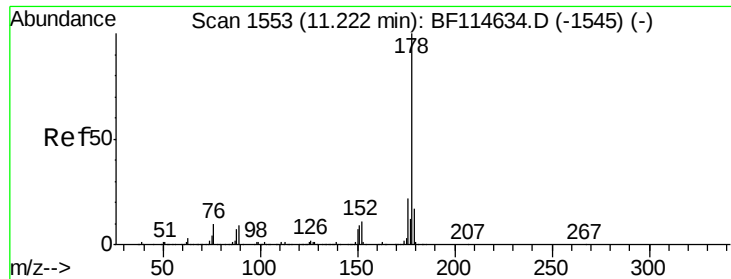
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





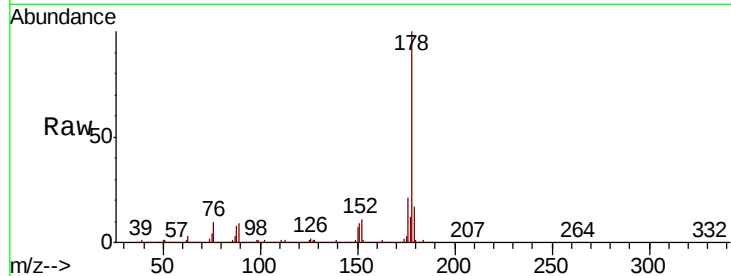
#71
Phenanthrene
Concen: 9.220 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

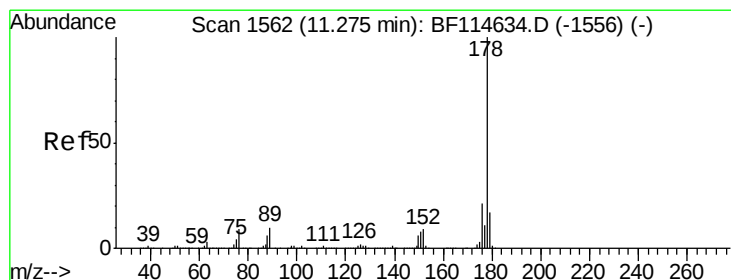
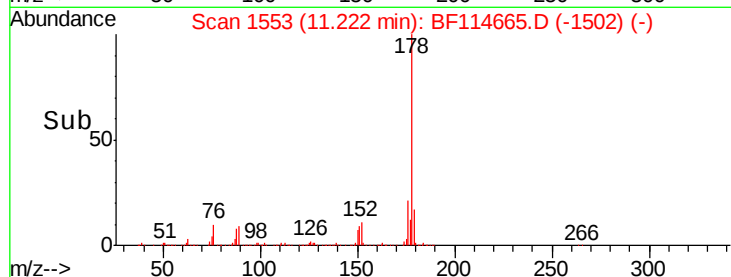
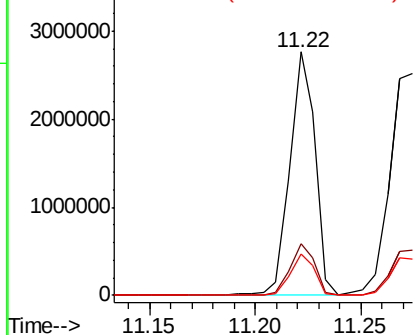
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.2	25.8
179	17.0	13.9	20.9

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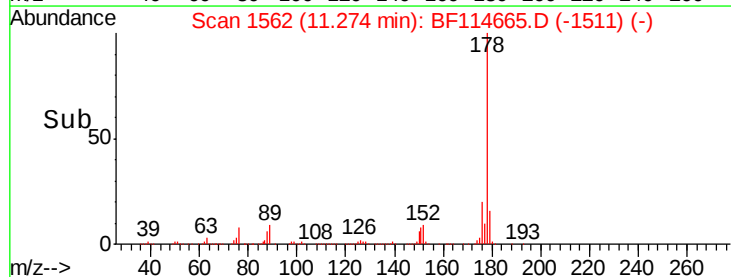
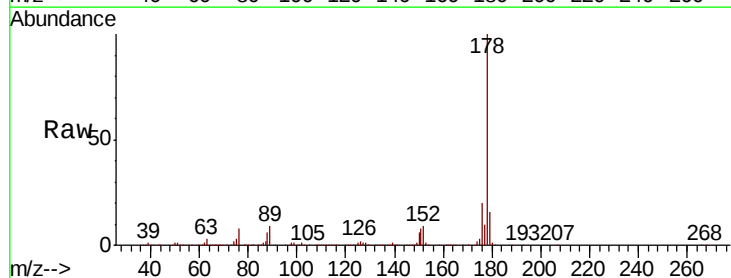
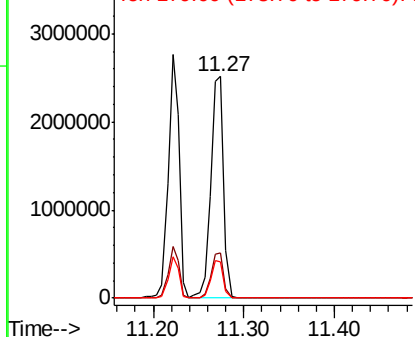
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

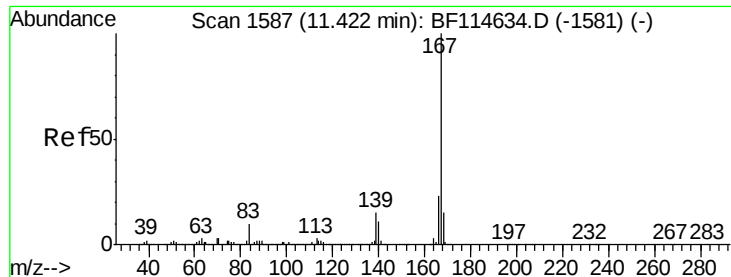


#72
Anthracene
Concen: 9.766 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	16.4	13.4	20.0

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





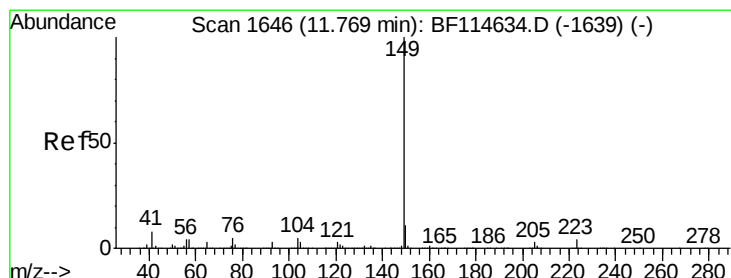
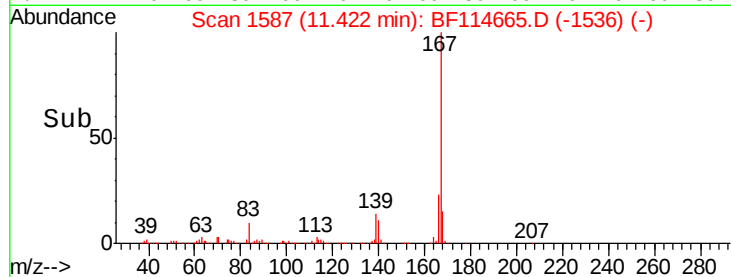
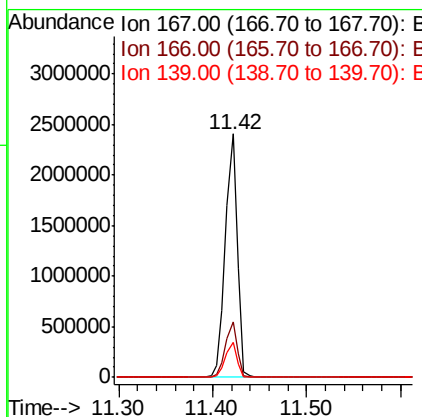
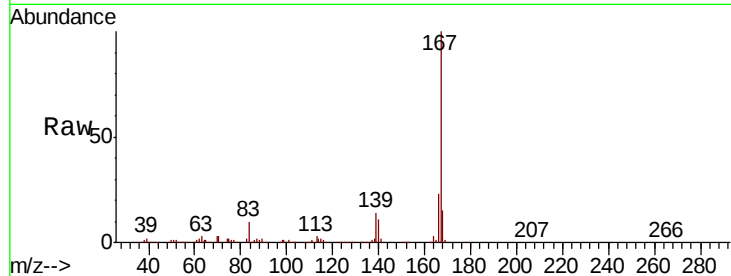
#73
 Carbazole
 Concen: 9.625 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.7	28.1
139	14.4	11.8	17.8

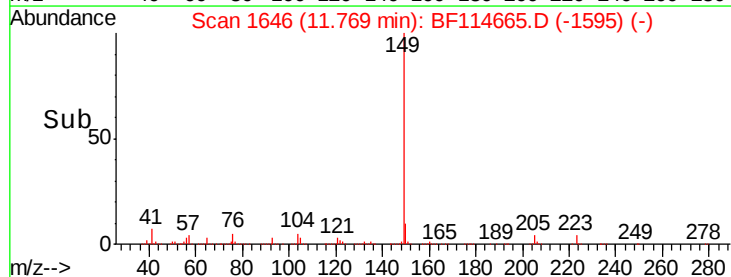
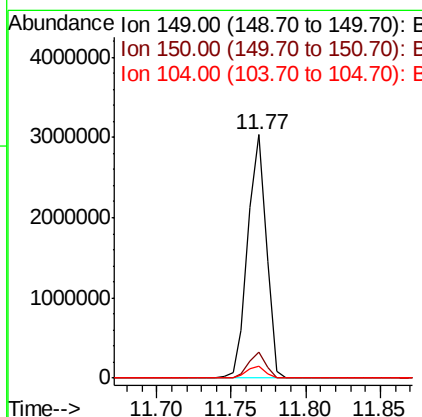
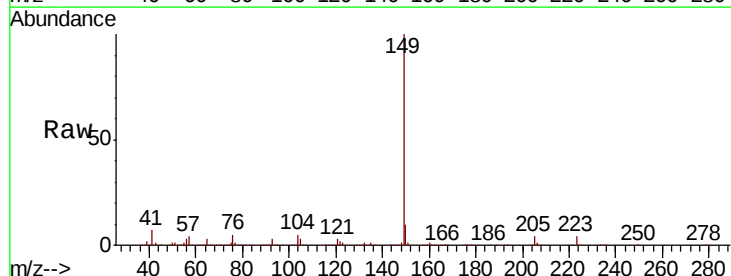
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#74
 Di-n-butylphthalate
 Concen: 5.987 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 9.111 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

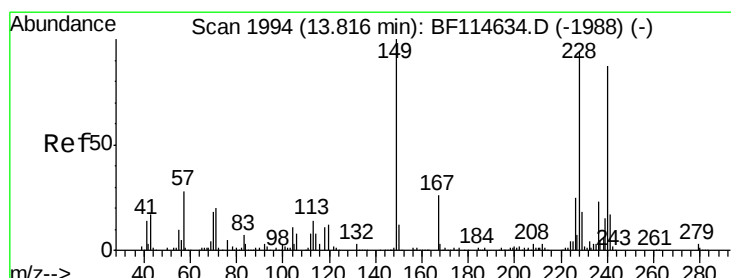
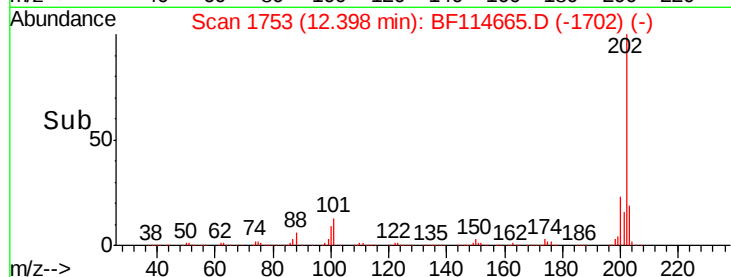
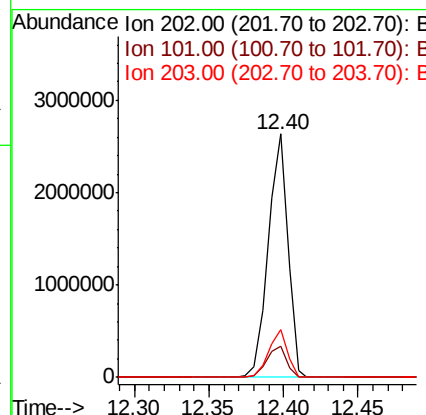
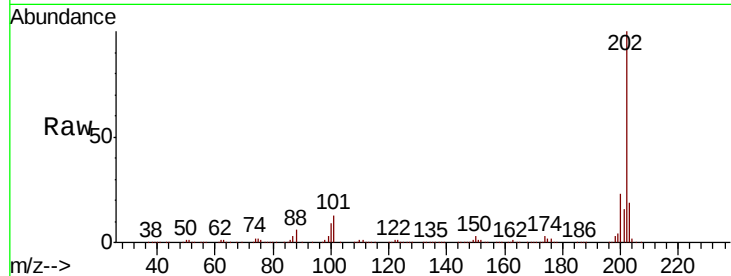
ClientSampleId :

PB119288BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.9
203	19.4	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

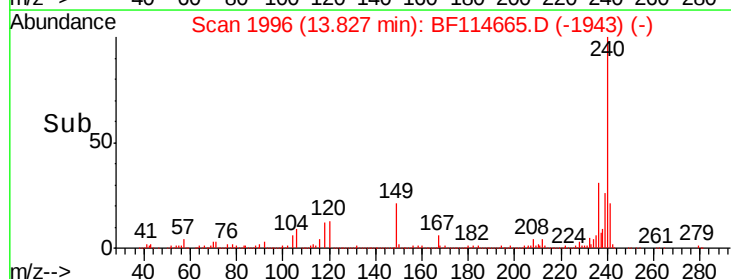
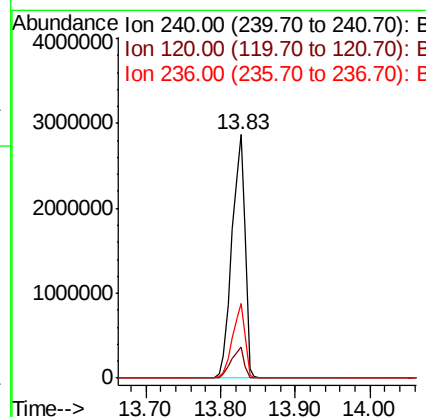
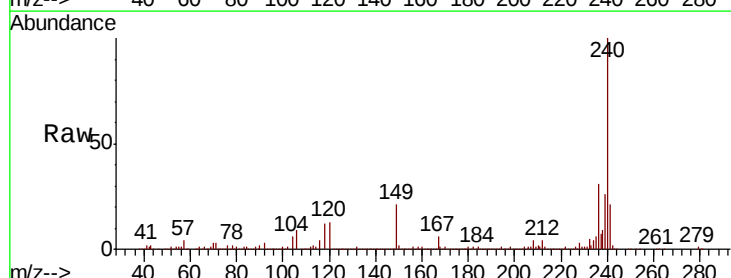
RT: 13.83 min Scan# 1996

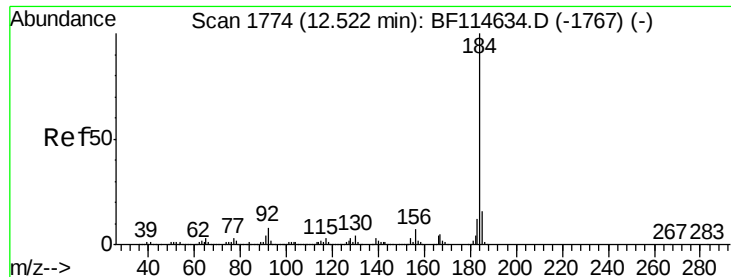
Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.2	16.8
236	30.6	21.2	31.8





#77

Benzidine

Concen: 6.954 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:184 Resp: 1027787

Ion Ratio Lower Upper

184 100

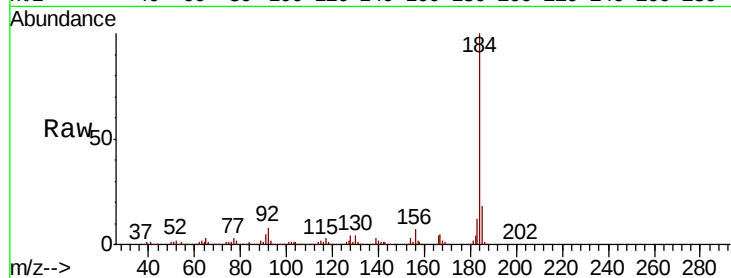
185 17.5 12.6 18.8

183 12.0 9.4 14.2

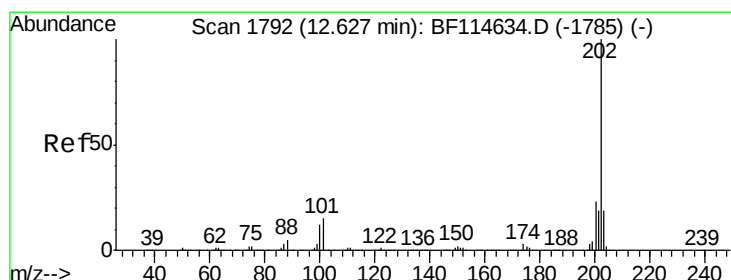
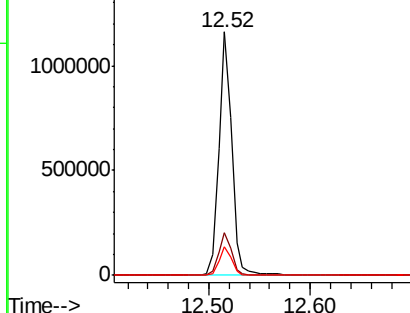
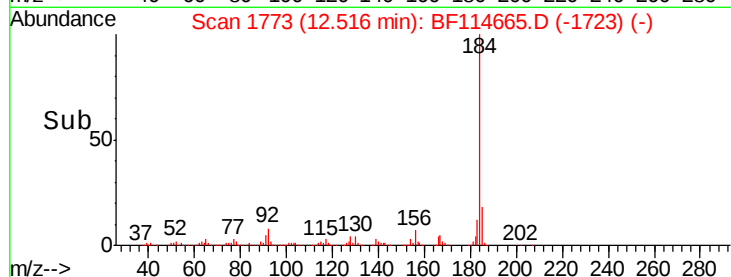
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.009 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

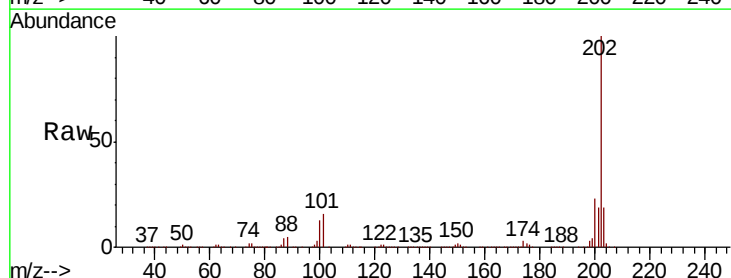
Tgt Ion:202 Resp: 2431538

Ion Ratio Lower Upper

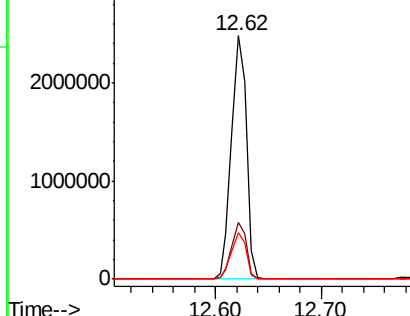
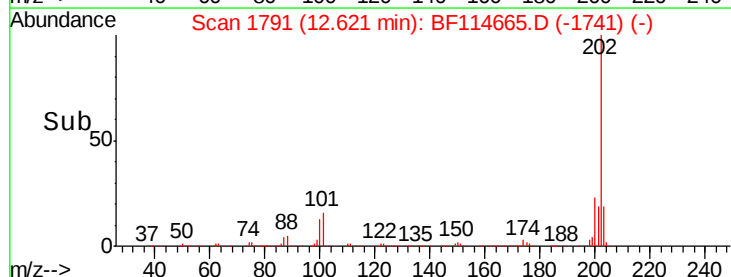
202 100

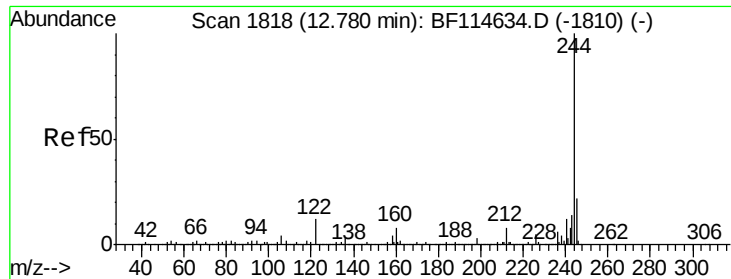
200 23.4 18.6 28.0

203 19.1 15.4 23.2



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





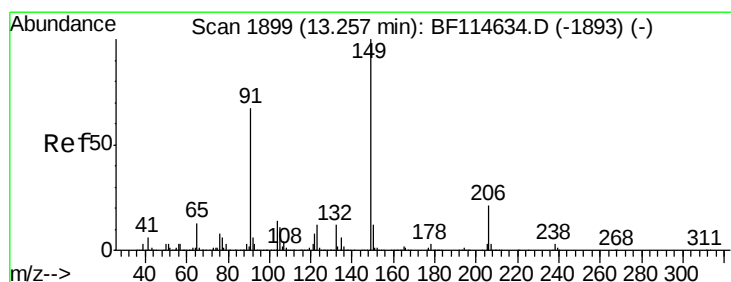
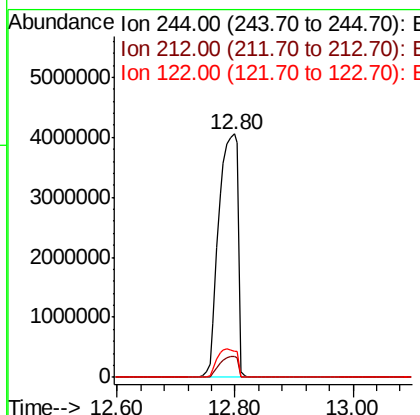
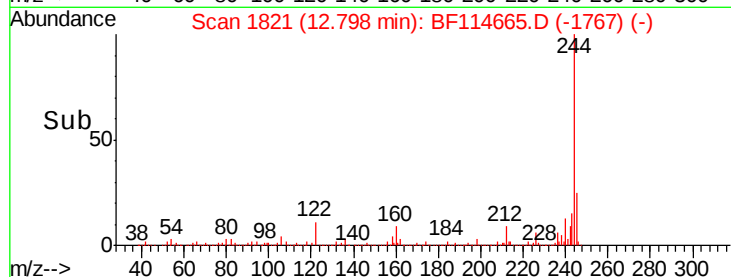
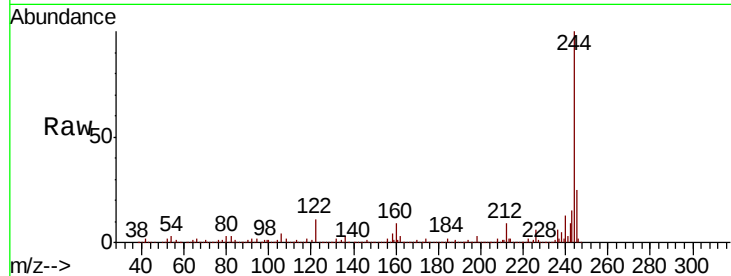
#79
 Terphenyl-d14
 Concen: 48.381 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.02 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion:244 Resp: 9235782
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 10.7 9.8 14.8

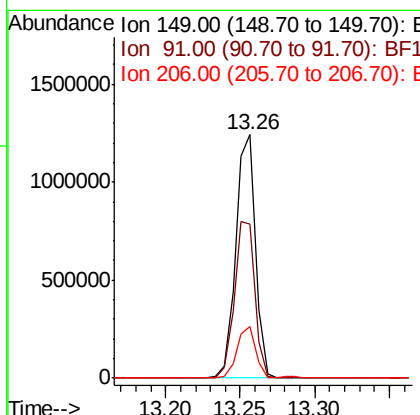
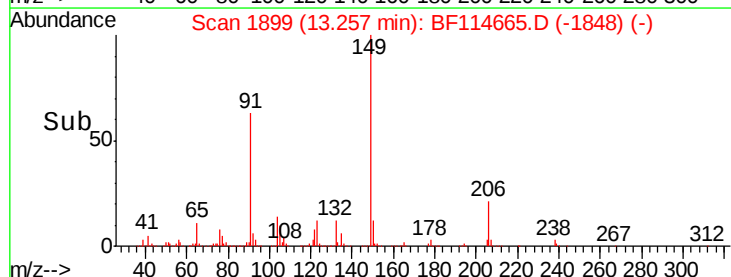
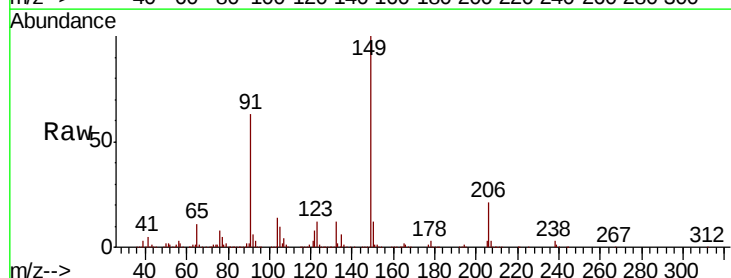
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#80
 Butylbenzylphthalate
 Concen: 7.536 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion:149 Resp: 1149866
 Ion Ratio Lower Upper
 149 100
 91 63.5 53.8 80.8
 206 21.2 16.9 25.3





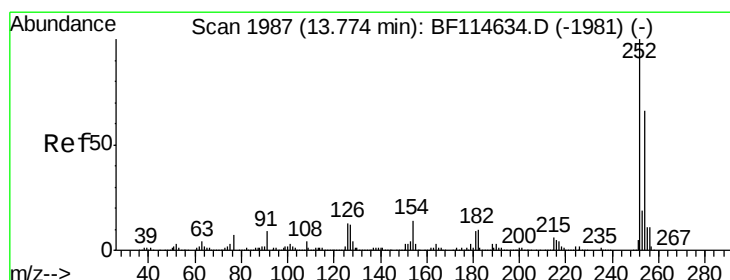
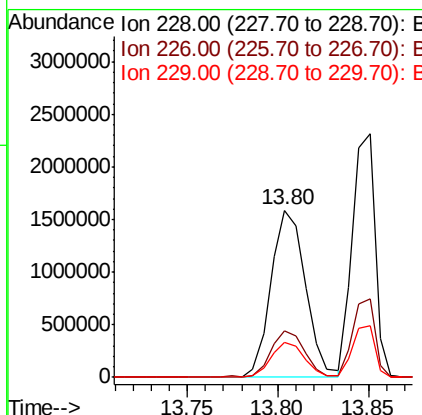
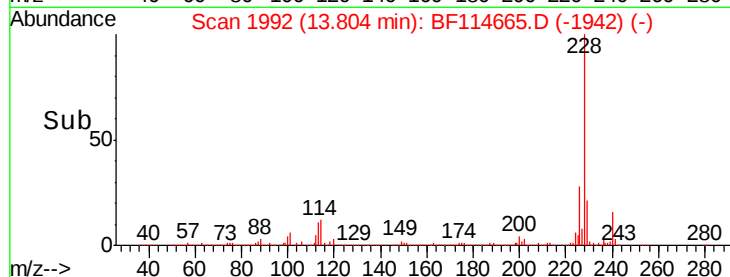
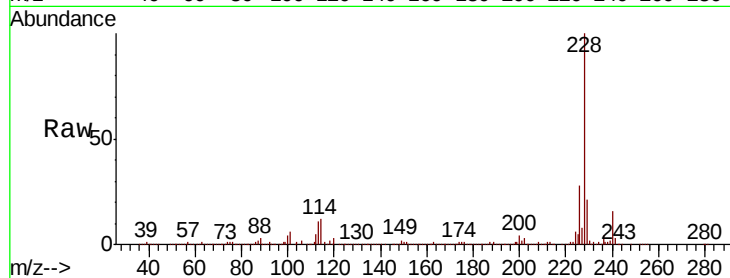
#81
Benzo(a)anthracene
Concen: 7.676 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	20.5	17.0	25.4

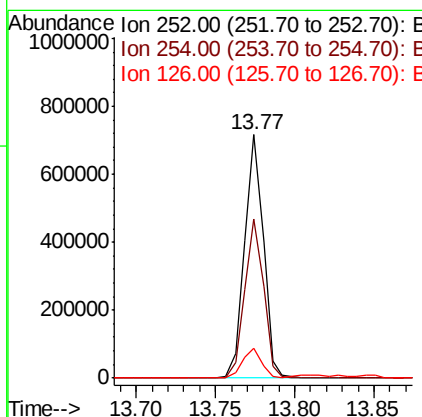
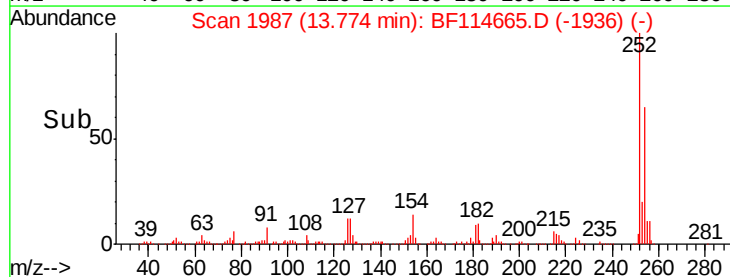
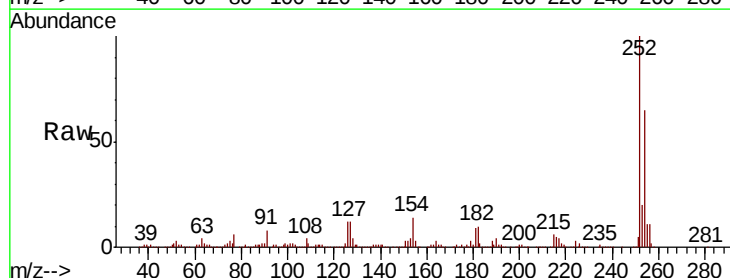
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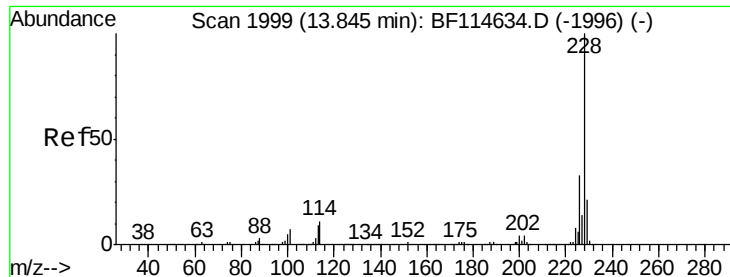
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 5.532 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.1	79.7
126	12.5	10.2	15.2





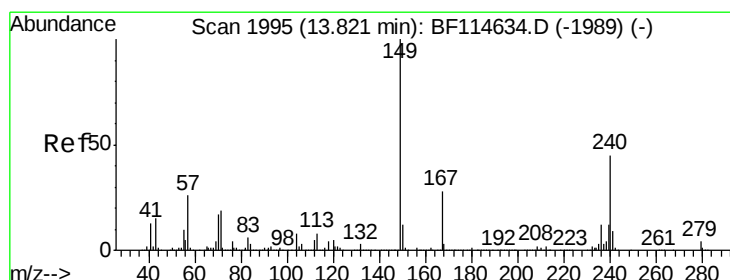
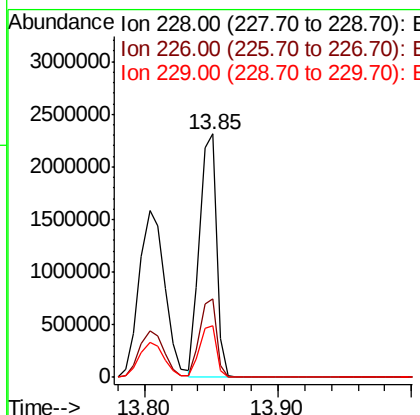
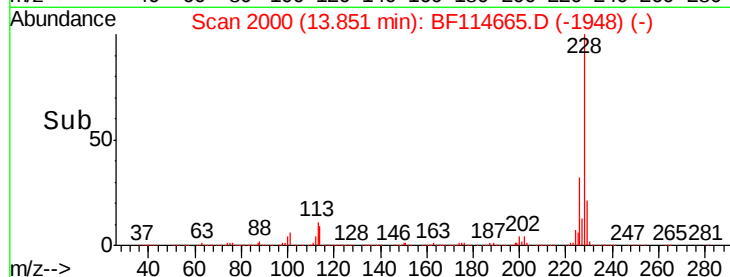
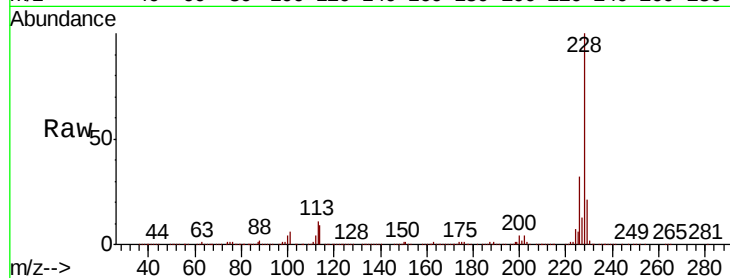
#83
 Chrysene
 Concen: 7.732 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.4	39.6
229	21.2	17.1	25.7

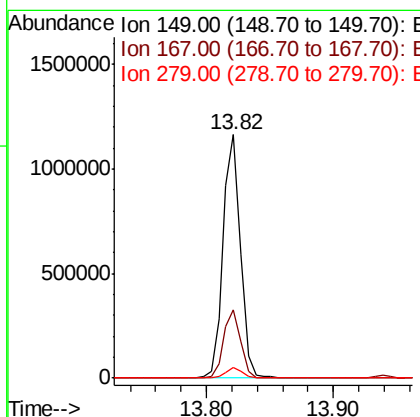
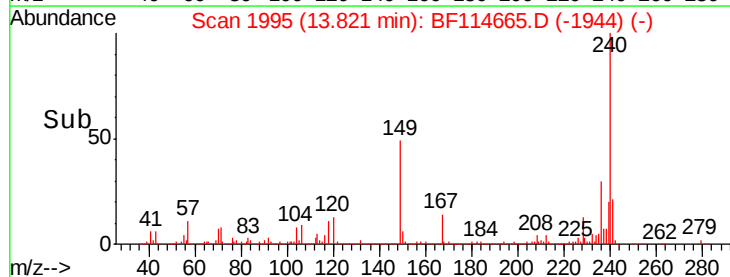
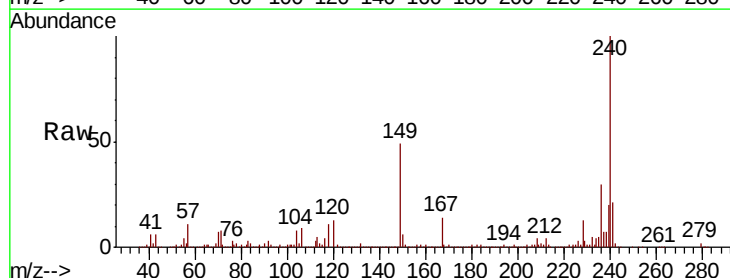
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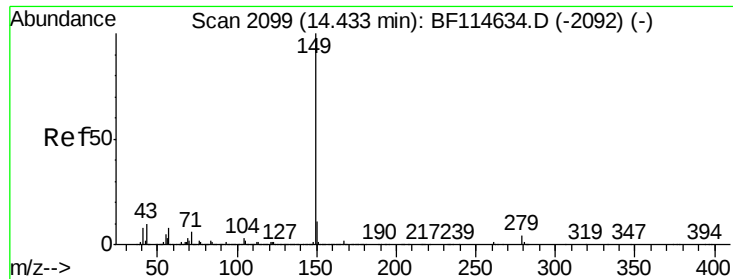
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.876 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF114665.D
 Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.5	3.0	4.4#





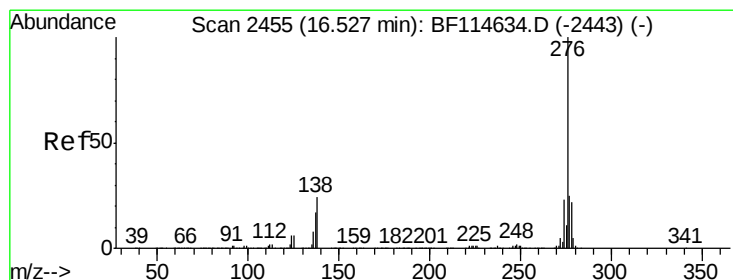
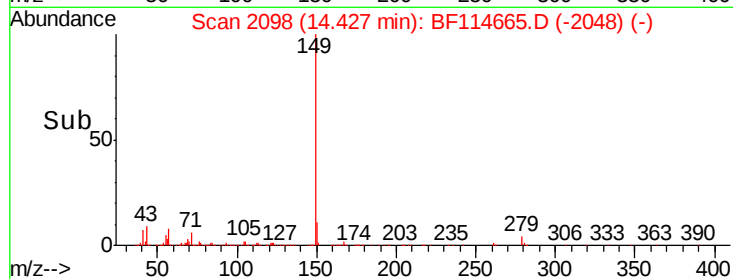
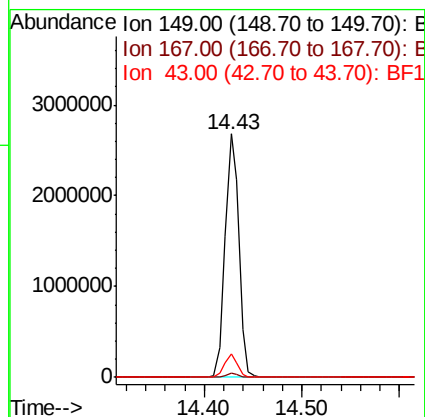
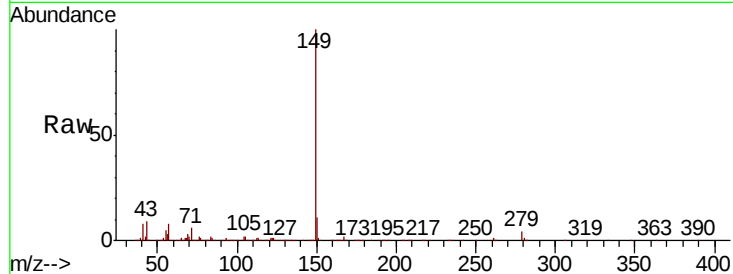
#85
Di-n-octyl phthalate
Concen: 7.967 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	8.0	12.0

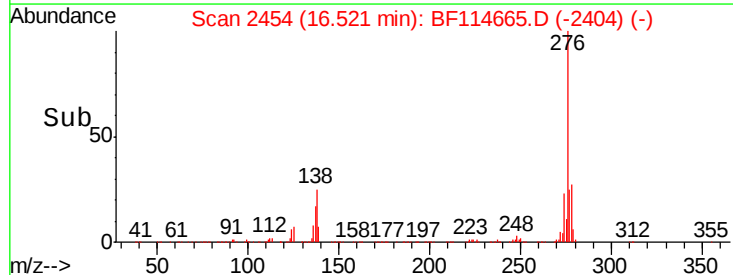
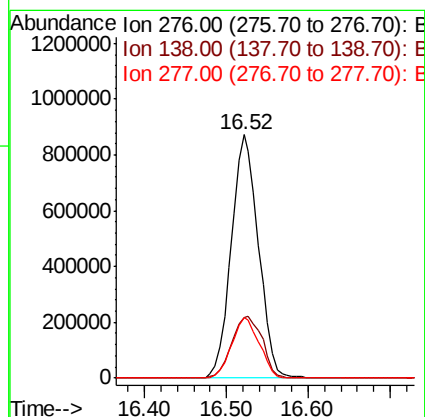
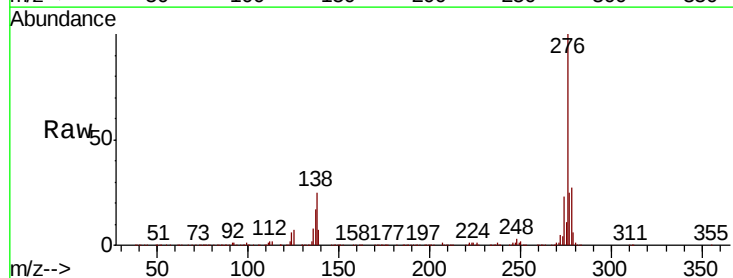
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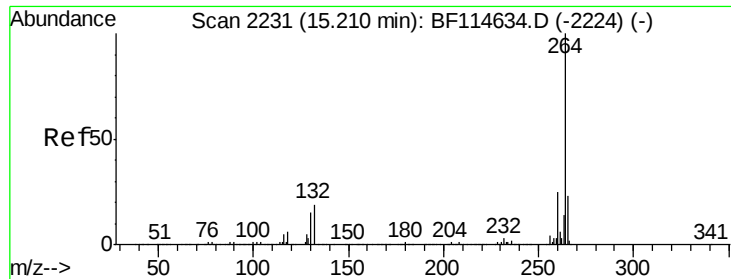
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.629 ng
RT: 16.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BF114665.D
Acq: 30 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.0	34.6
277	25.4	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:264 Resp: 4359863

Ion Ratio Lower Upper

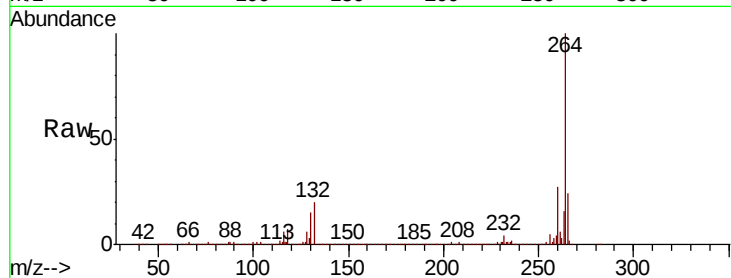
264 100

260 27.3 19.7 29.5

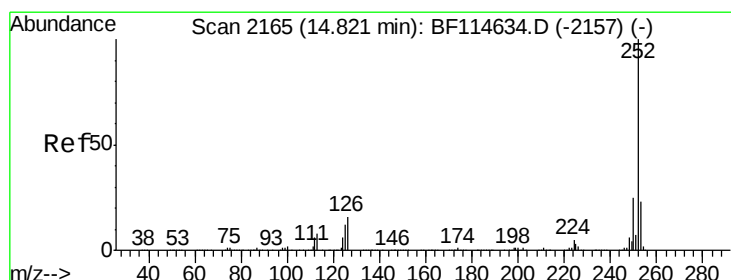
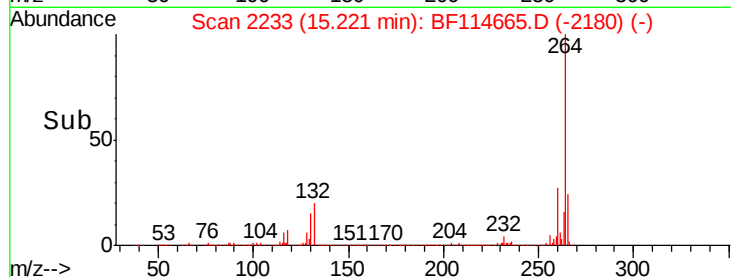
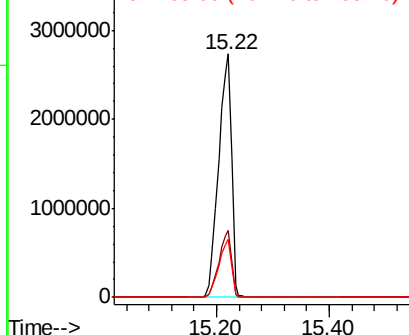
265 23.7 18.1 27.1

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



#88

Benzo(b)fluoranthene

Concen: 7.698 ng m

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

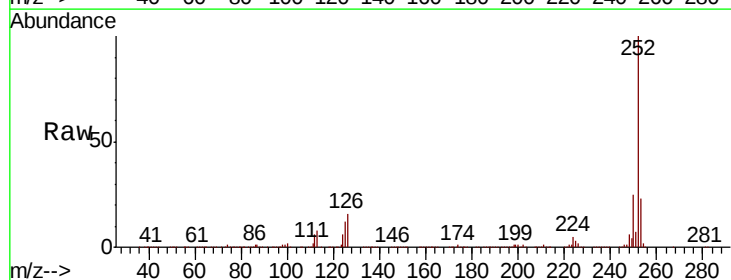
Tgt Ion:252 Resp: 2113780

Ion Ratio Lower Upper

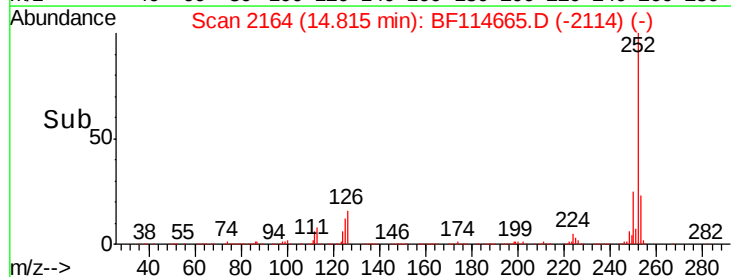
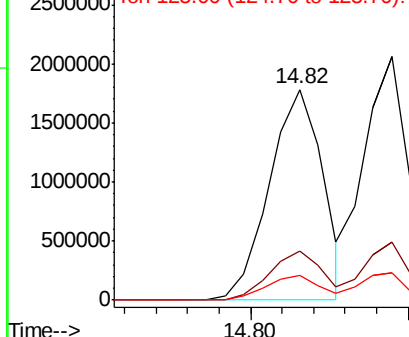
252 100

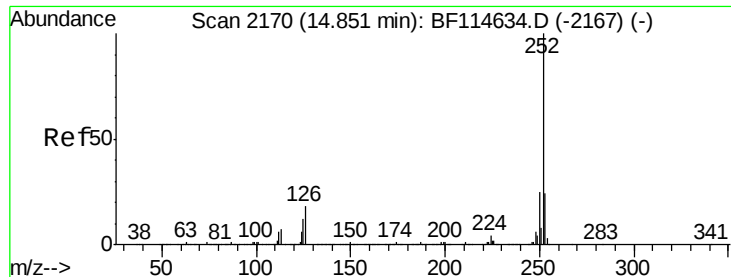
253 23.4 18.7 28.1

125 11.6 9.4 14.2



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





#89

Benzo(k)fluoranthene

Concen: 8.424 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:252 Resp: 2010695

Ion Ratio Lower Upper

252 100

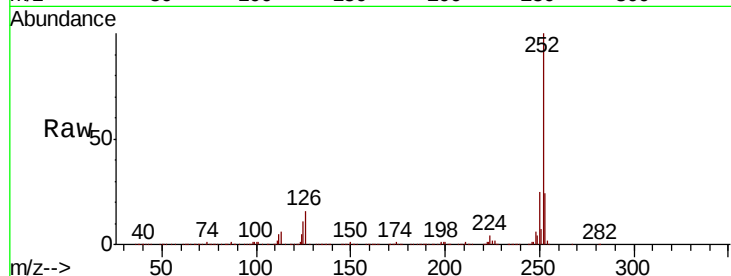
253 23.6 18.9 28.3

125 11.3 9.5 14.3

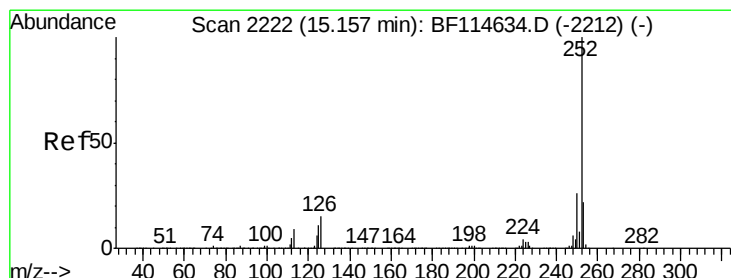
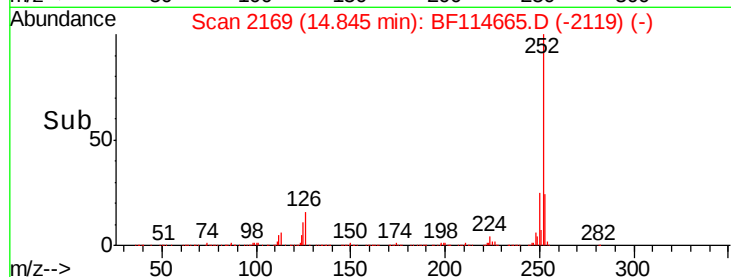
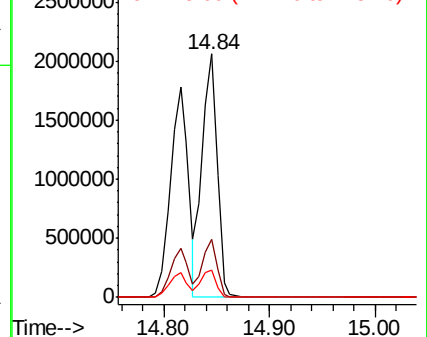
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.235 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Tgt Ion:252 Resp: 1986589

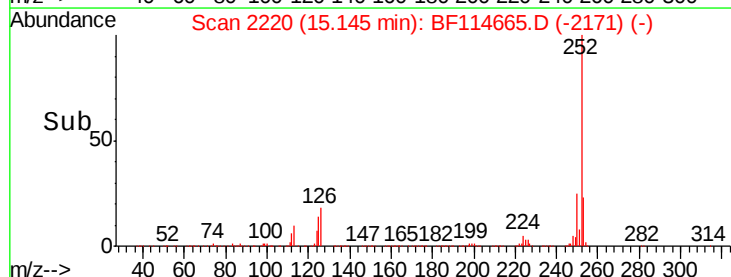
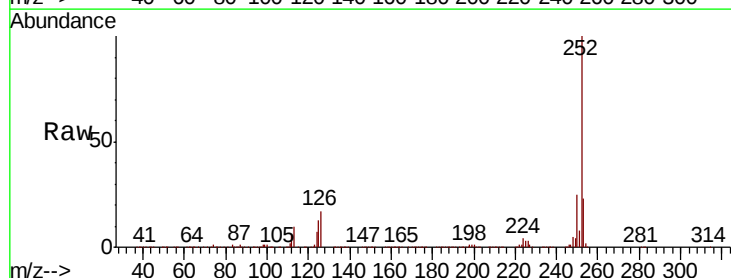
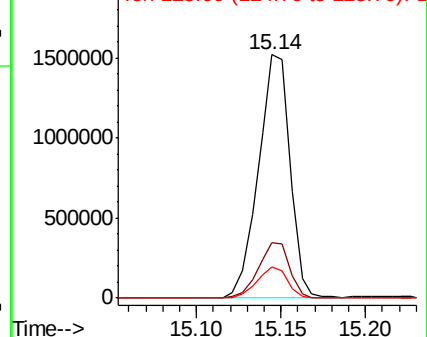
Ion Ratio Lower Upper

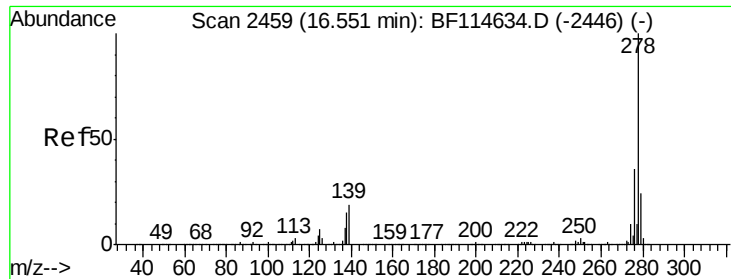
252 100

253 22.8 18.0 27.0

125 13.0 9.2 13.8

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





#91

Dibenzo(a,h)anthracene

Concen: 7.906 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:278 Resp: 1685336

Ion Ratio Lower Upper

278 100

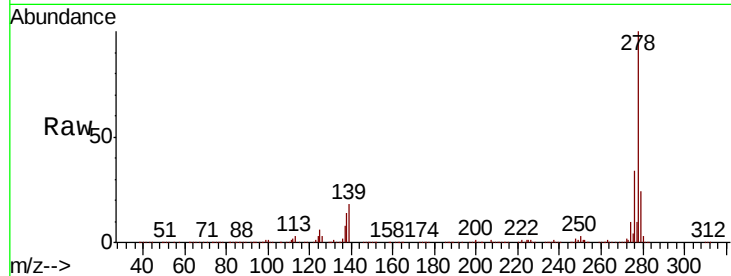
139 17.5 14.9 22.3

279 24.0 19.5 29.3

Manual Integrations
APPROVED

mohammad

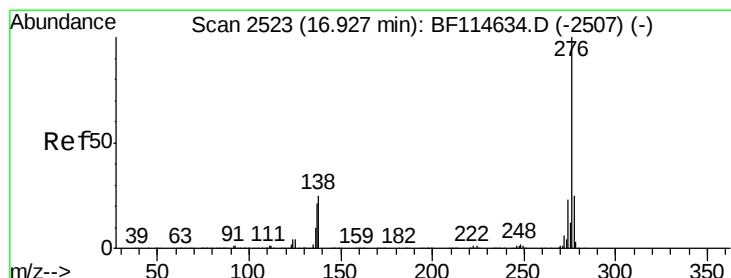
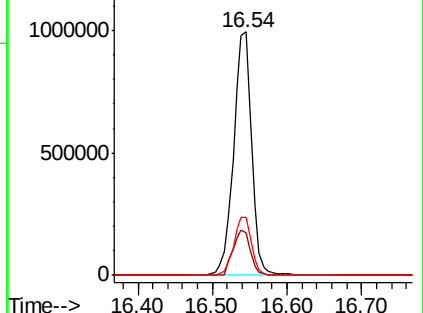
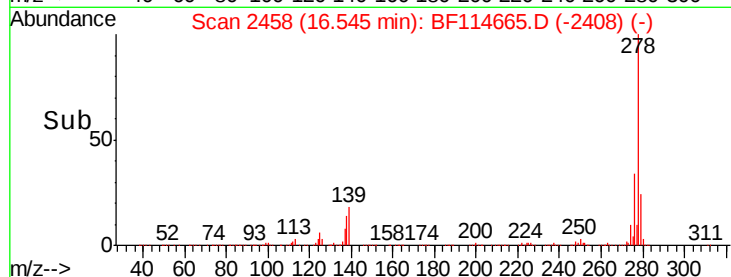
6/3/2019 8:47:12 AM



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



#92

Benzo(g,h,i)perylene

Concen: 7.928 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF114665.D

Acq: 30 May 2019 17:33

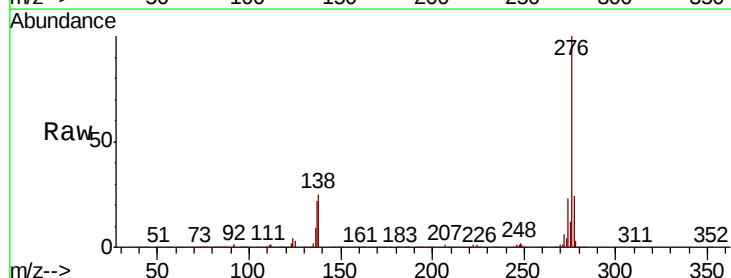
Tgt Ion:276 Resp: 1640233

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 25.0 19.8 29.8



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

