

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115599.D
 Acq On : 16 Jul 2019 16:09
 Operator : HP/JU
 Sample : K3620-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:16 PM

Quant Time: Jul 17 04:36:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	585602	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	285902	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	553162	20.00	ng	0.00
76) Chrysene-d12	14.05	240	327210	20.00	ng	0.00
87) Perylene-d12	15.51	264	397019	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1190859	128.77	ng	0.02
7) Phenol-d6	6.52	99	1396767	119.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	902671	89.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	434128	130.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1639015	100.34	ng	0.00
79) Terphenyl-d14	12.99	244	1679515	94.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	185690	40.254	ng	# 86
3) Pyridine	3.55	79	398444	31.836	ng	98
4) n-Nitrosodimethylamine	3.49	42	198262	43.667	ng	97
6) Aniline	6.55	93	172297	10.551	ng	95
8) 2-Chlorophenol	6.67	128	480908	45.231	ng	97
9) Benzaldehyde	6.43	77	230479	31.431	ng	99
10) Phenol	6.53	94	501908	36.846	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	470107	45.329	ng	99
12) 1,3-Dichlorobenzene	6.83	146	504332	42.189	ng	99
13) 1,4-Dichlorobenzene	6.90	146	478618	40.128	ng	97
14) 1,2-Dichlorobenzene	7.06	146	427659	39.224	ng	97
15) Benzyl Alcohol	7.02	79	364582	39.166	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	514254	37.664	ng	99
17) 2-Methylphenol	7.13	107	347926	37.972	ng	99
18) Hexachloroethane	7.40	117	163571	36.948	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	290049	37.900	ng	98
20) 3+4-Methylphenols	7.29	107	400837	36.829	ng	# 88
22) Acetophenone	7.29	105	576554	43.581	ng	# 93
24) Nitrobenzene	7.46	77	456626	42.037	ng	97
25) Isophorone	7.70	82	830780	41.225	ng	100
26) 2-Nitrophenol	7.78	139	232725	41.624	ng	96
27) 2,4-Dimethylphenol	7.82	122	365040	43.635	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	511983	41.412	ng	98
29) 2,4-Dichlorophenol	8.02	162	368799	42.389	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	409559	41.645	ng	99
31) Naphthalene	8.19	128	1225639	43.216	ng	97
32) Benzoic acid	7.93	122	213819	31.144	ng	99
33) 4-Chloroaniline	8.23	127	77033	6.132	ng	96
34) Hexachlorobutadiene	8.31	225	229424	40.680	ng	99
35) Caprolactam	8.60	113	96070m	35.734	ng	
36) 4-Chloro-3-methylphenol	8.72	107	396280	43.910	ng	99
37) 2-Methylnaphthalene	8.88	142	837738	44.562	ng	97
38) 1-Methylnaphthalene	8.98	142	788202	44.141	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	387679	45.029	ng	98

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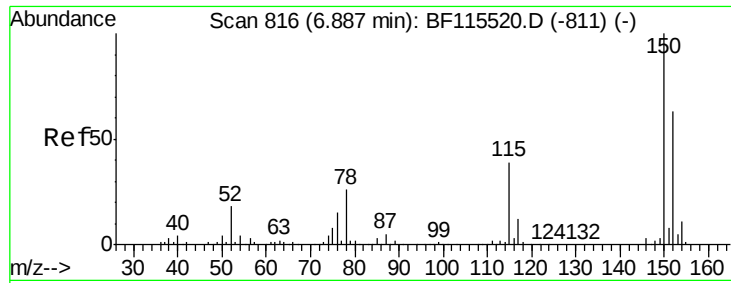
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	275936	56.185	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	270745	43.002	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	293041	45.448	ng	100
46) 1,1'-Biphenyl	9.35	154	1021993	45.724	ng	98
47) 2-Chloronaphthalene	9.37	162	810031	43.524	ng	97
48) 2-Nitroaniline	9.46	65	248738	43.181	ng	99
49) Acenaphthylene	9.79	152	1237944	44.890	ng	97
50) Dimethylphthalate	9.65	163	979802	45.550	ng	98
51) 2,6-Dinitrotoluene	9.70	165	224294	45.883	ng	98
52) Acenaphthene	9.96	154	809710	45.479	ng	99
53) 3-Nitroaniline	9.86	138	81787	14.641	ng	98
54) 2,4-Dinitrophenol	9.97	184	130784	52.110	ng	97
55) Dibenzofuran	10.13	168	1118710	44.246	ng	100
56) 4-Nitrophenol	10.03	139	337649	79.264	ng	97
57) 2,4-Dinitrotoluene	10.10	165	298477	47.129	ng	99
58) Fluorene	10.47	166	830138	45.927	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	245214	45.494	ng	98
60) Diethylphthalate	10.35	149	936050	46.444	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	427630	42.662	ng	100
62) 4-Nitroaniline	10.48	138	213271	39.801	ng	99
63) Azobenzene	10.62	77	887494	45.399	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	101066	29.904	ng	91
66) n-Nitrosodiphenylamine	10.58	169	779535	45.304	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	276244	43.700	ng	97
68) Hexachlorobenzene	11.02	284	302604	41.918	ng	# 92
69) Atrazine	11.10	200	258425	45.781	ng	98
70) Pentachlorophenol	11.22	266	328999	74.514	ng	98
71) Phenanthrene	11.43	178	1250333	44.096	ng	97
72) Anthracene	11.49	178	1283665	43.806	ng	99
73) Carbazole	11.63	167	1133568	44.113	ng	100
74) Di-n-butylphthalate	11.97	149	1465882	46.311	ng	100
75) Fluoranthene	12.62	202	1210332	40.394	ng	99
77) Benzidine	12.73	184	169141	14.592	ng	# 92
78) Pyrene	12.85	202	1193312	43.045	ng	97
80) Butylbenzylphthalate	13.46	149	531631	44.985	ng	98
81) Benzo(a)anthracene	14.03	228	927634	43.032	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	206670	26.969	ng	99
83) Chrysene	14.07	228	958135	44.276	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	709254	48.451	ng	# 98
85) Di-n-octyl phthalate	14.63	149	1165638	50.046	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1062616	57.798	ng	99
88) Benzo(b)fluoranthene	15.09	252	1035841	40.518	ng	99
89) Benzo(k)fluoranthene	15.12	252	1002110	43.967	ng	98
90) Benzo(a)pyrene	15.46	252	989216	45.020	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	896785	46.490	ng	99
92) Benzo(g,h,i)perylene	17.44	276	847440	44.050	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

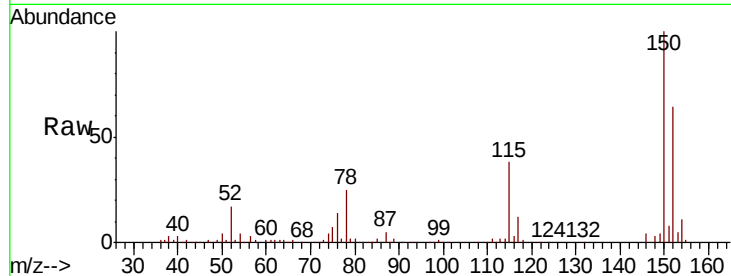
ClientSampleId :

CL-01-071219-AMSD

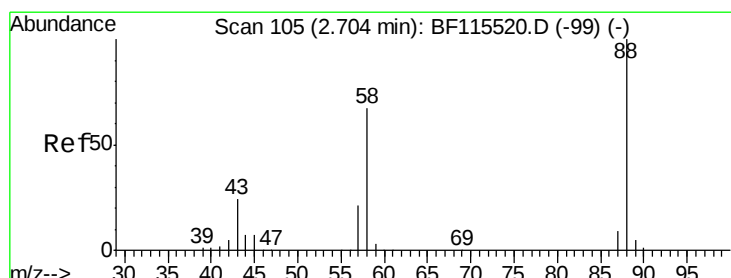
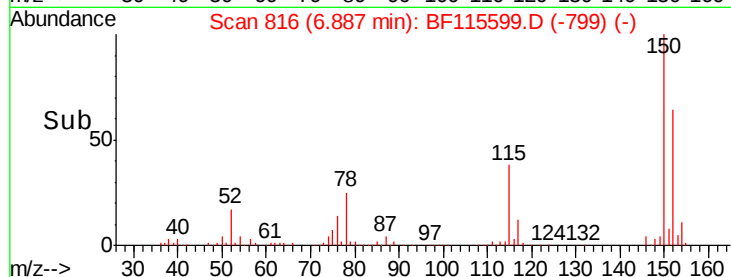
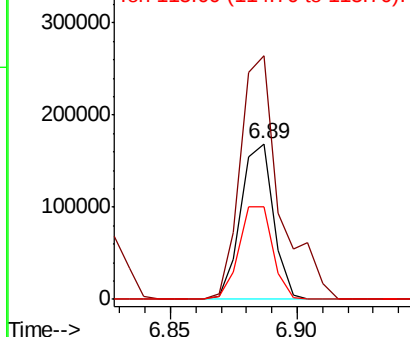
Tot Ion:	152	Resp:	151266
Ion Ratio	Lower	Upper	
152	100		
150	156.5	129.7	194.5
115	59.1	48.2	72.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.254 ng

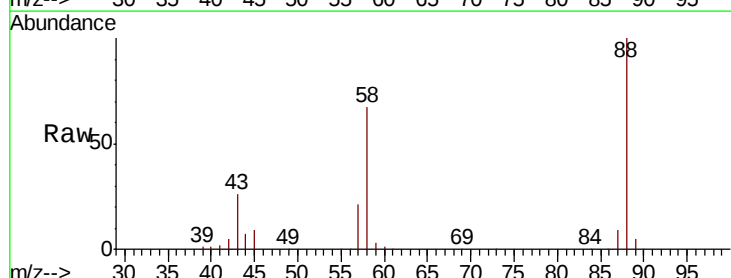
RT: 2.85 min Scan# 129

Delta R.T. 0.14 min

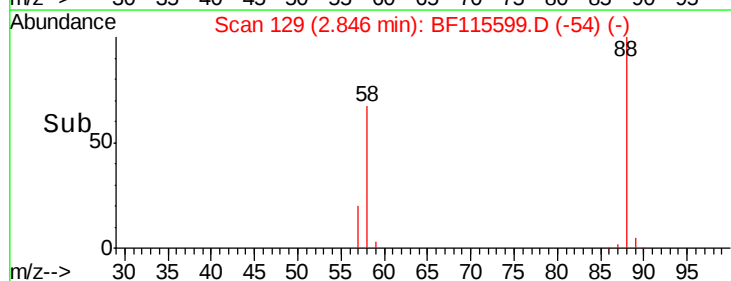
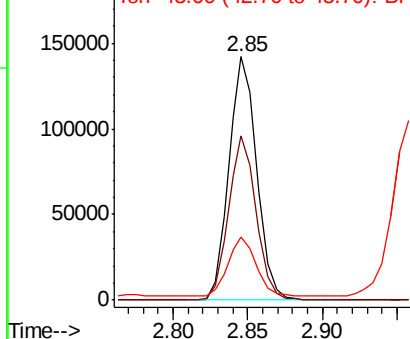
Lab File: BF115599.D

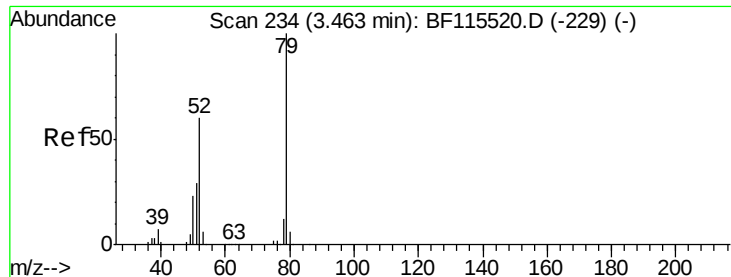
Acq: 16 Jul 2019 16:09

Tgt Ion:	88	Resp:	185690
Ion Ratio	Lower	Upper	
88	100		
58	66.8	52.6	79.0
43	0.0	19.1	28.7#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





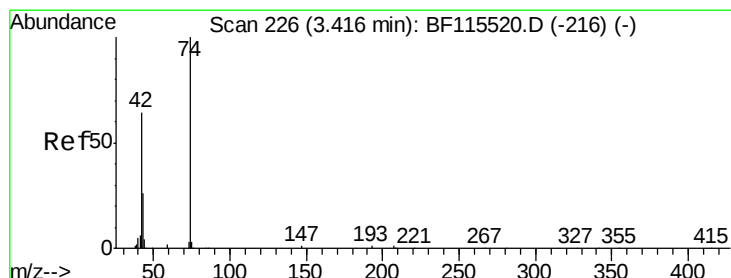
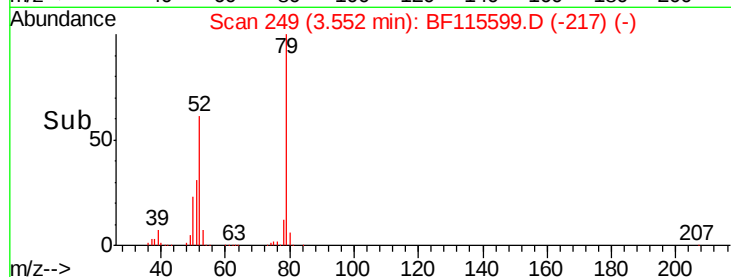
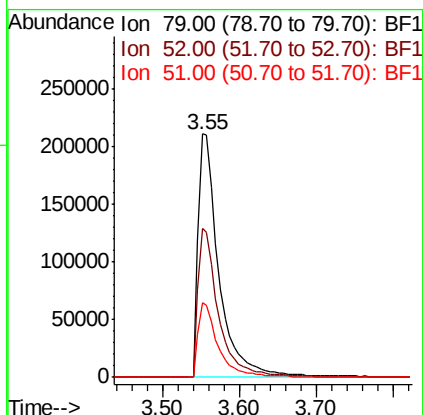
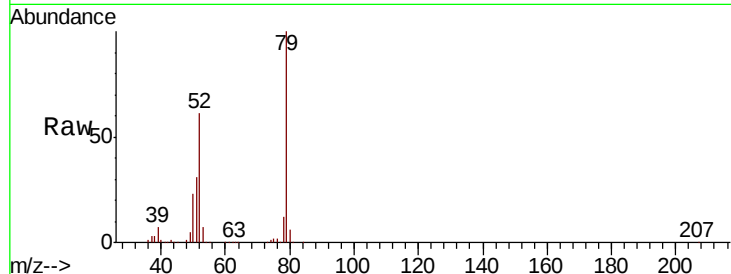
#3
 Pvridine
 Concen: 31.836 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.09 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.9	47.8	71.6
51	30.7	23.8	35.8

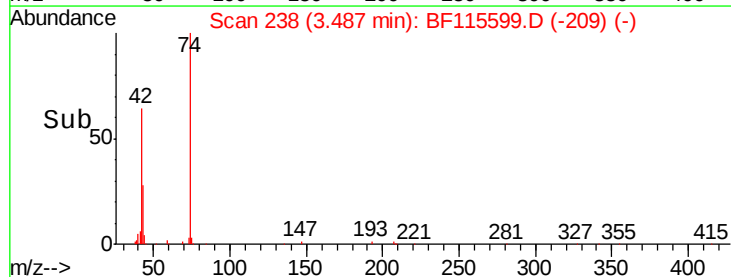
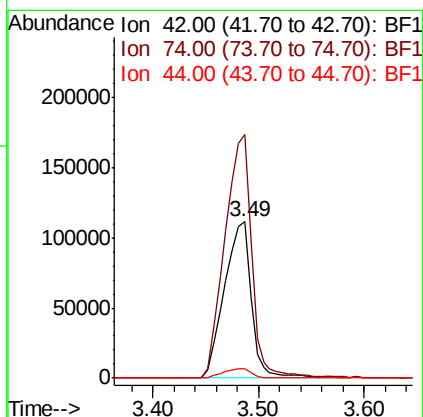
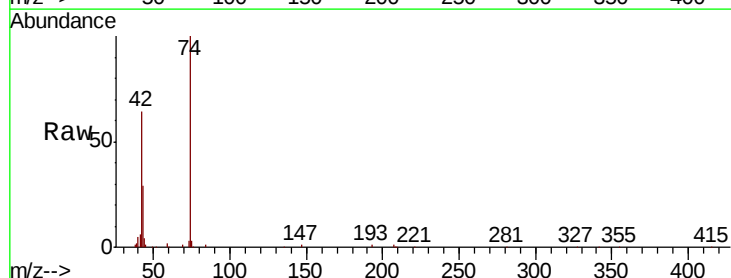
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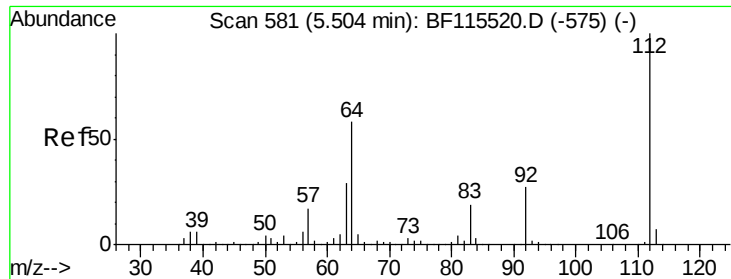
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#4
 n-Nitrosodimethylamine
 Concen: 43.667 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.07 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	127.5	191.3
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 128.773 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

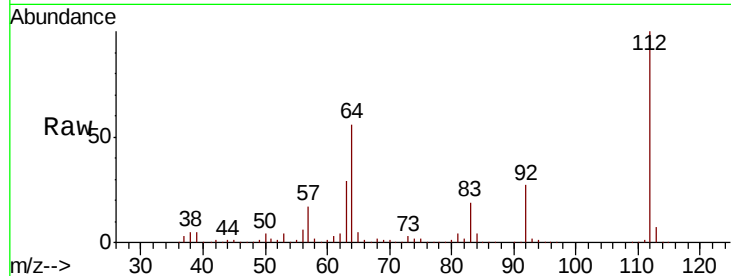
ClientSampleId :

CL-01-071219-AMSD

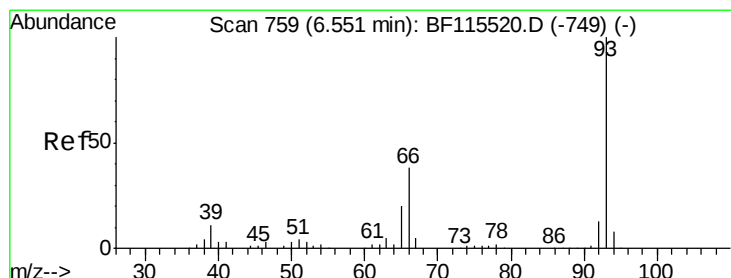
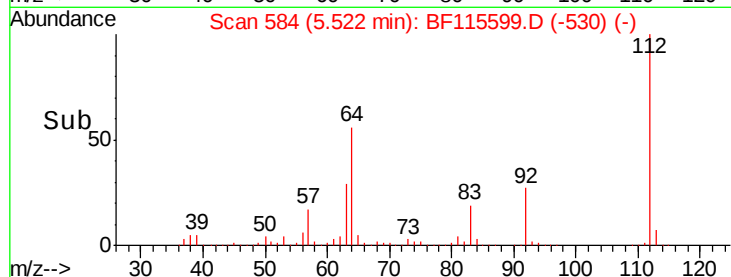
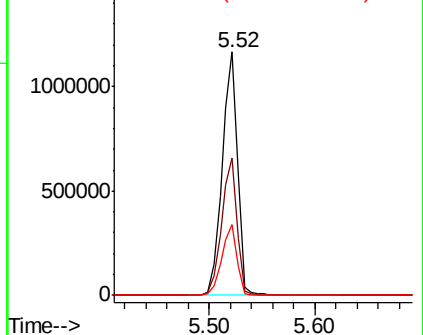
Tot Ion:	112	Resp:	1190859
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.8	70.2
63	29.3	24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.551 ng

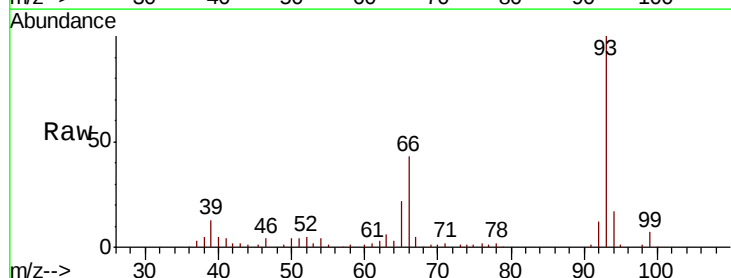
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

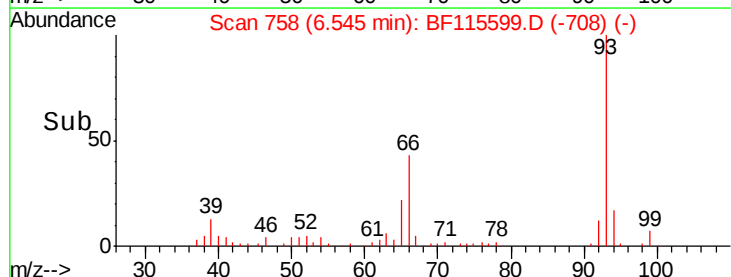
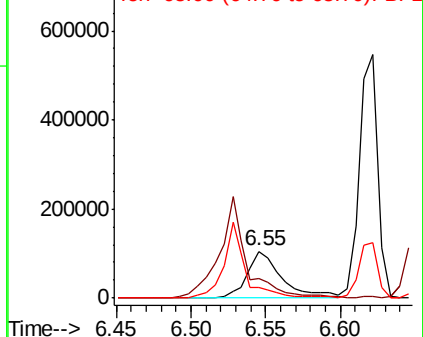
Lab File: BF115599.D

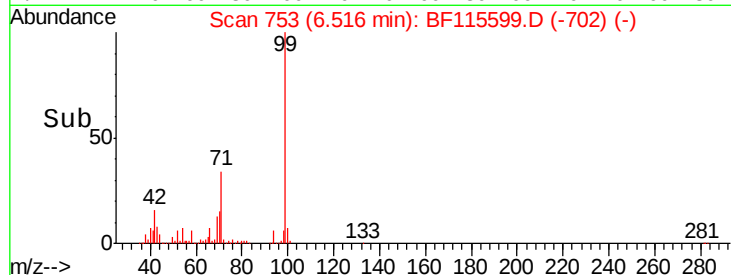
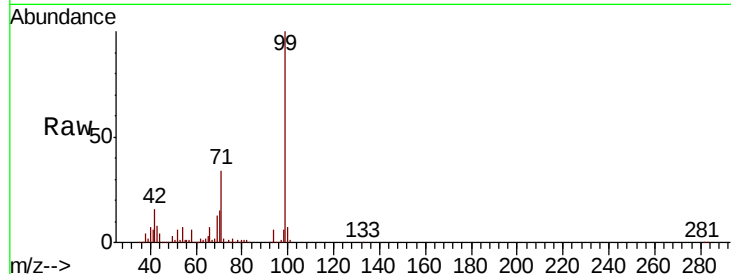
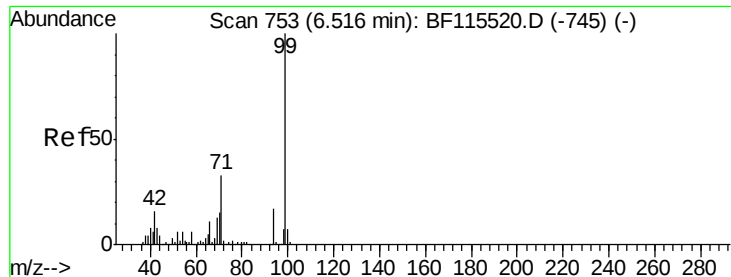
Acq: 16 Jul 2019 16:09

Tgt Ion:	93	Resp:	172297
Ion	Ratio	Lower	Upper
93	100		
66	42.8	31.7	47.5
65	21.9	16.2	24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.033 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tot Ion:	99	Resp:	1396767
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	34.0	28.5	42.7

Instrument :

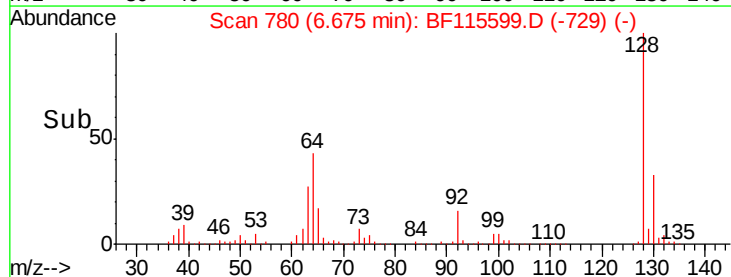
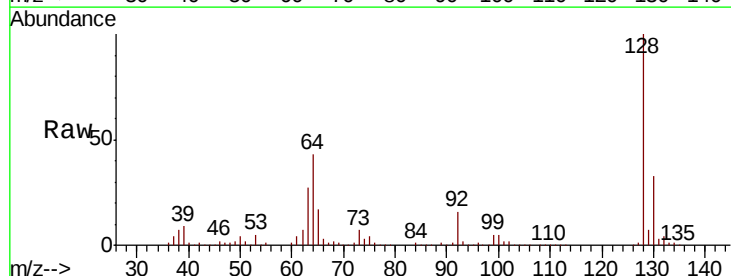
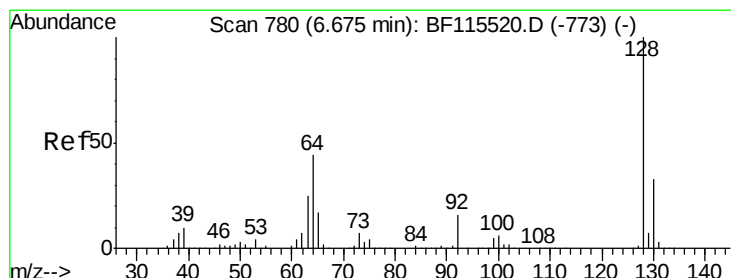
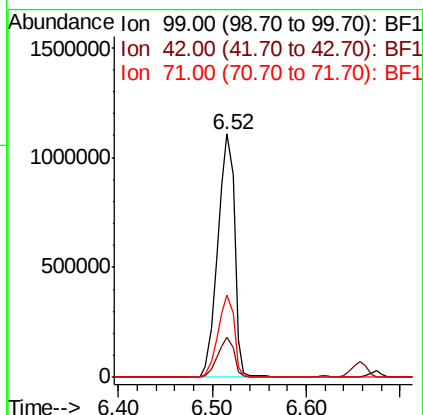
BNA_F

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#8

2-Chlorophenol

Concen: 45.231 ng

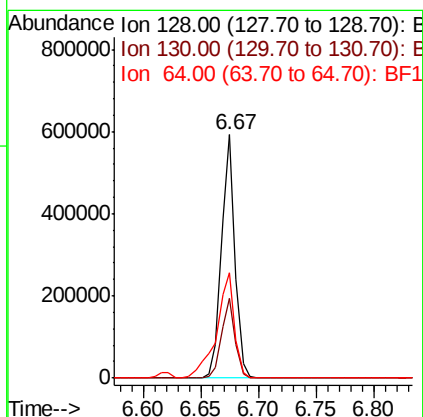
RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	128	Resp:	480908
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	43.5	26.8	66.8





#9

Benzaldehyde

Concen: 31.431 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMSD

Tot Ion: 77 Resp: 230479

Ion Ratio Lower Upper

77 100

105 100.2 78.8 118.8

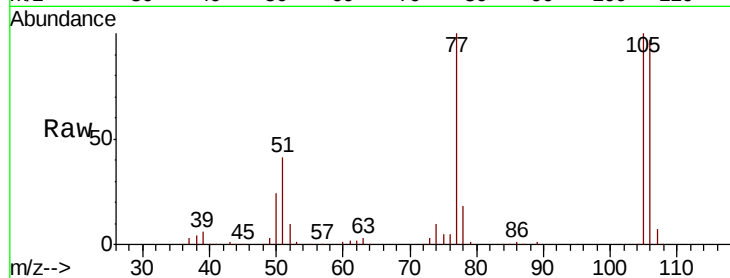
106 96.8 75.6 115.6

Manual Integrations

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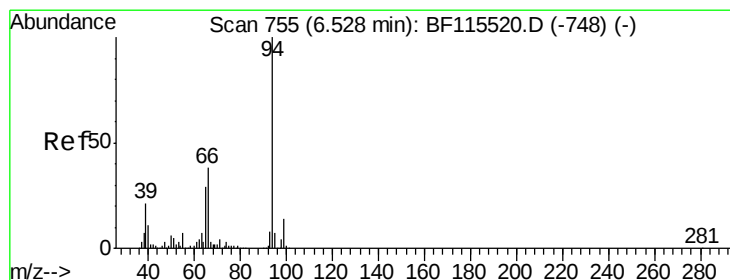
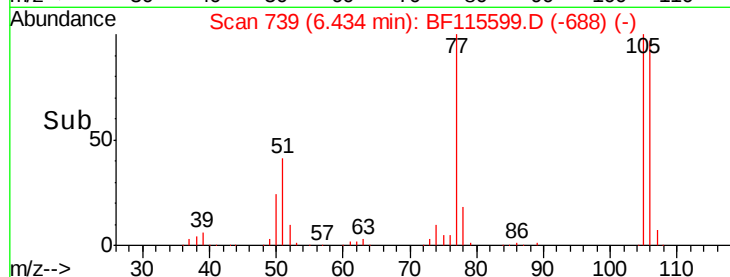
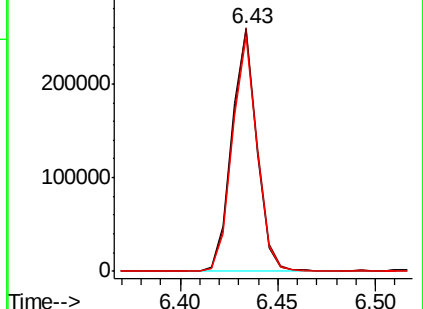
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.846 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

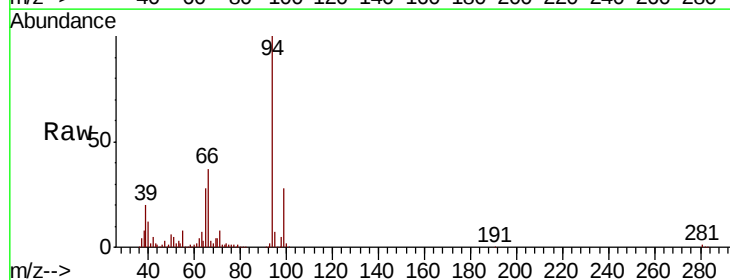
Tgt Ion: 94 Resp: 501908

Ion Ratio Lower Upper

94 100

65 28.0 14.5 54.5

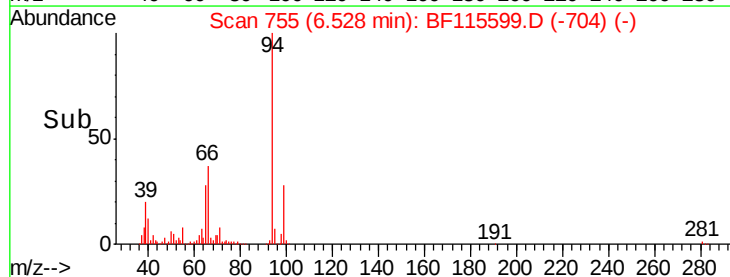
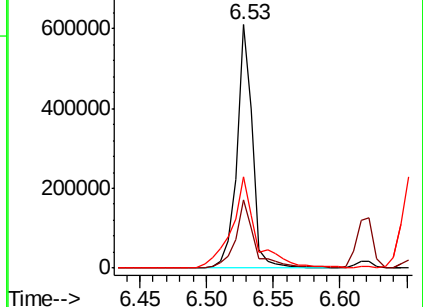
66 37.3 31.3 71.3



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





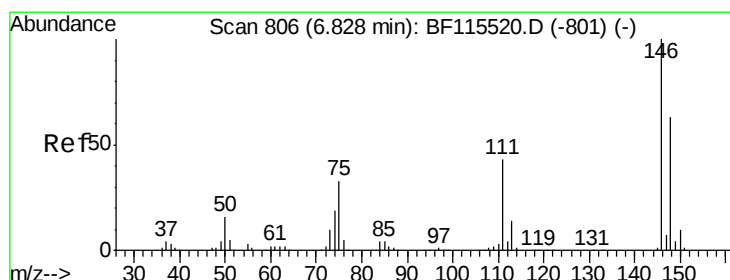
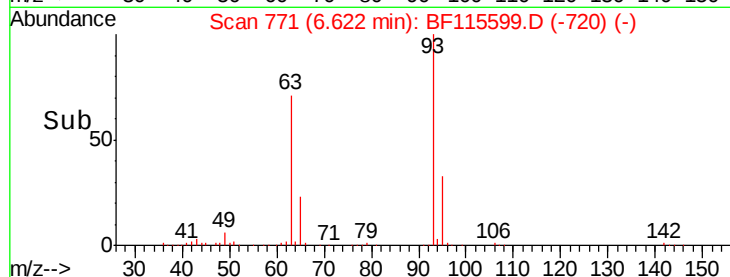
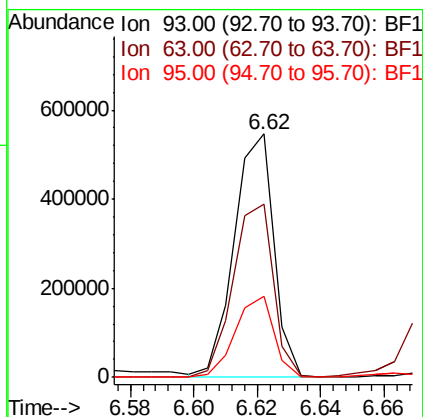
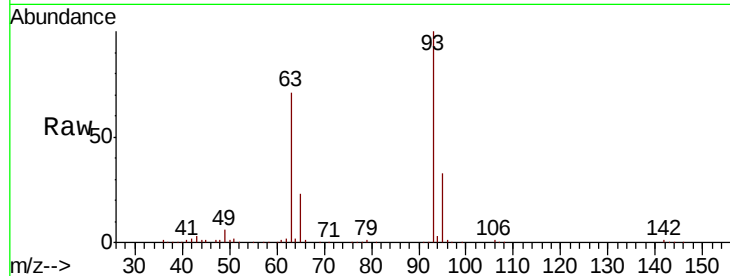
#11
bis(2-Chloroethyl)ether
Concen: 45.329 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.2	92.2
95	33.3	12.9	52.9

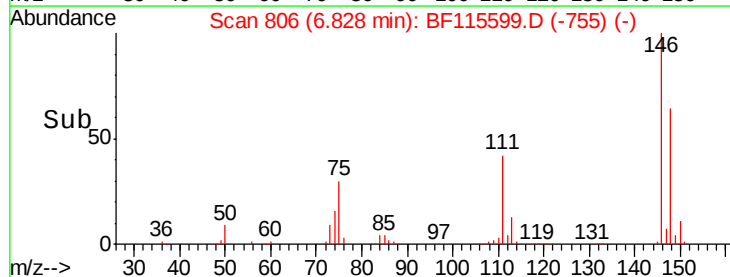
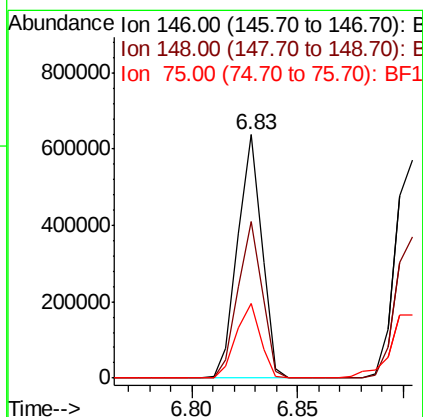
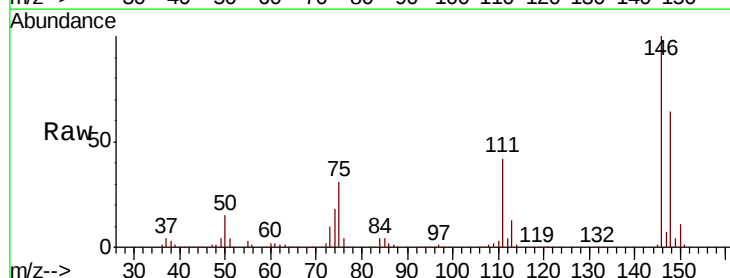
Manual Integrations
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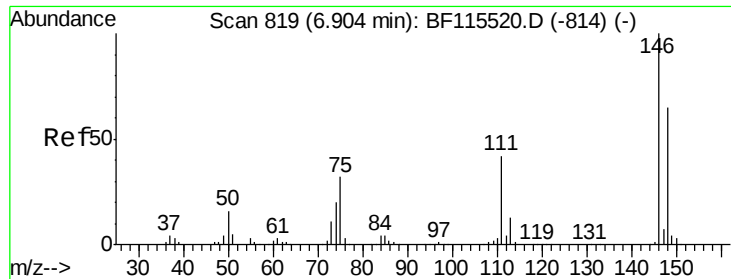
mohammad
7/17/2019 12:06:16 PM



#12
1,3-Dichlorobenzene
Concen: 42.189 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	30.9	24.9	37.3





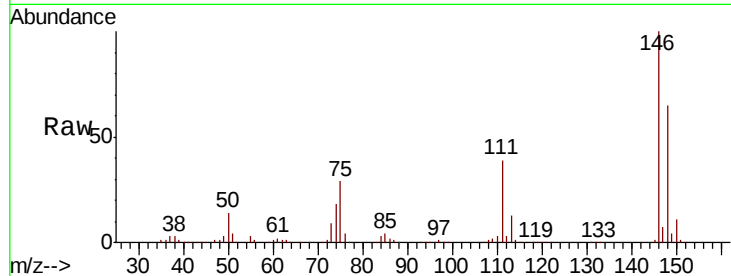
#13
1,4-Dichlorobenzene
Concen: 40.128 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	39.4	35.5	53.3

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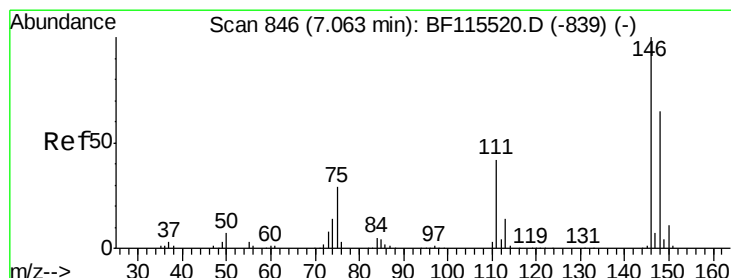
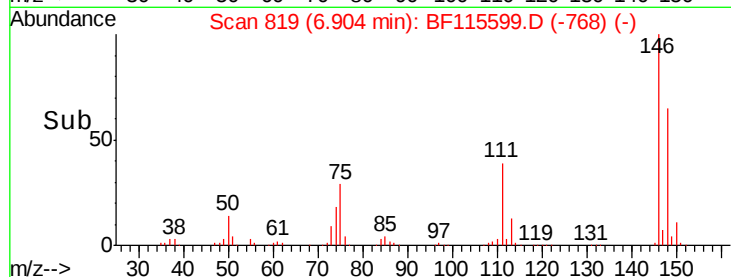
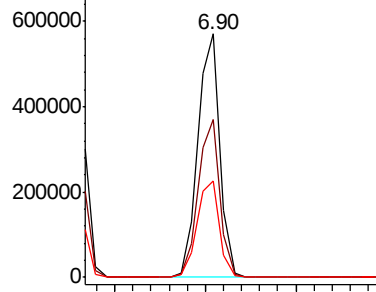


Abundance

Ion 146.00 (145.70 to 146.70): E

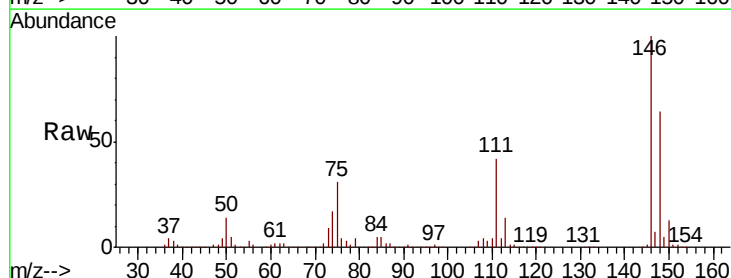
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.224 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	42.5	37.6	56.4

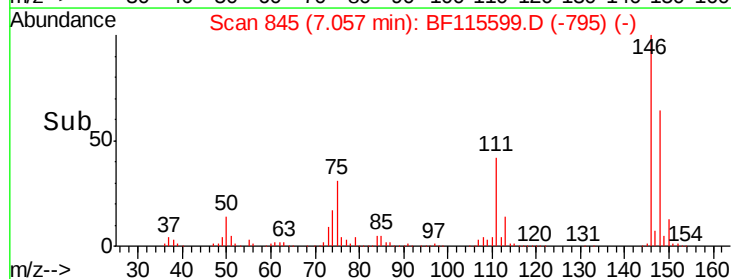
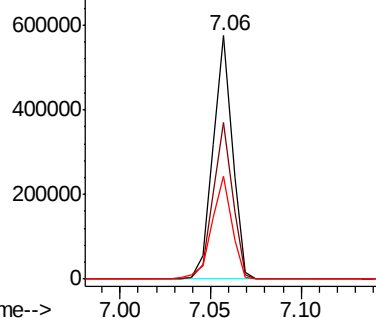


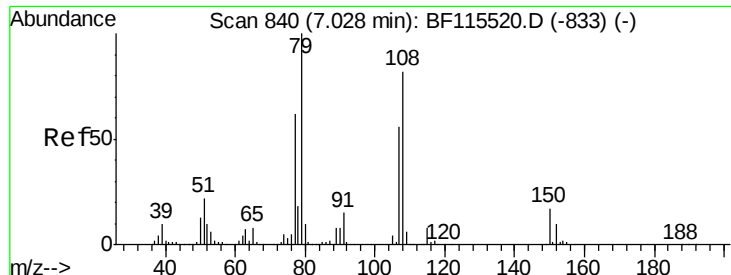
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.166 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

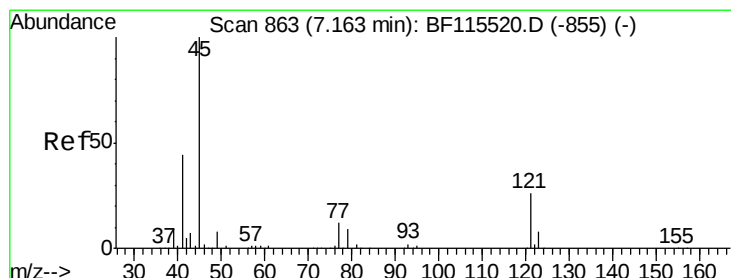
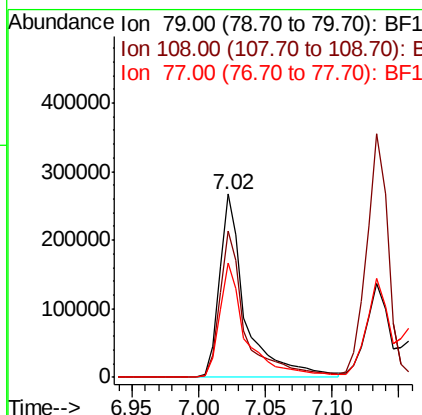
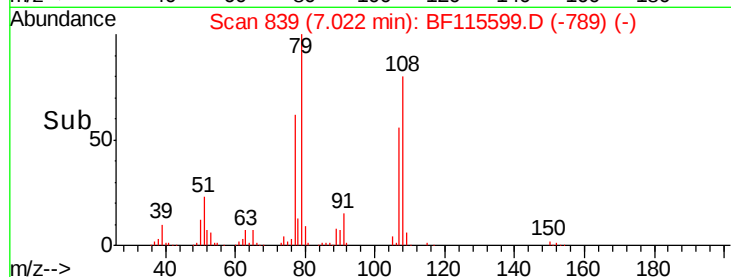
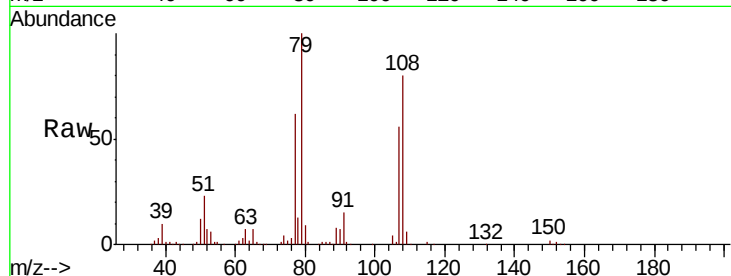
ClientSampleId :

CL-01-071219-AMSD

Tot Ion:	79	Resp:	364582
Ion Ratio	Lower	Upper	
79	100		
108	80.3	64.2	96.4
77	62.5	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.664 ng

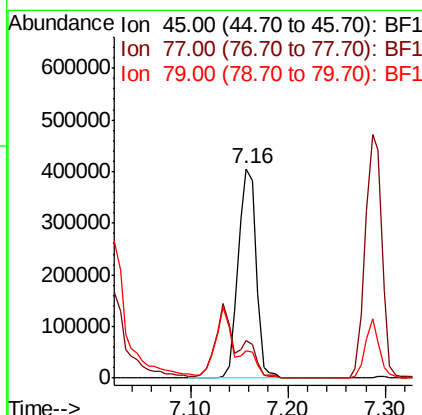
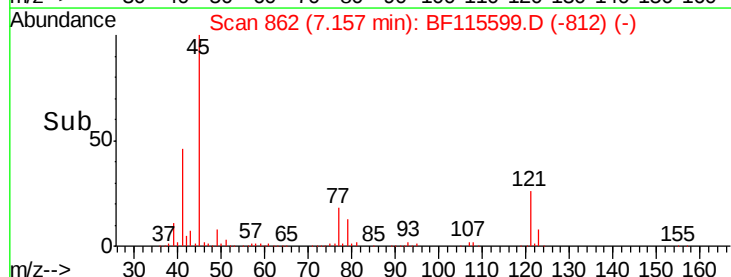
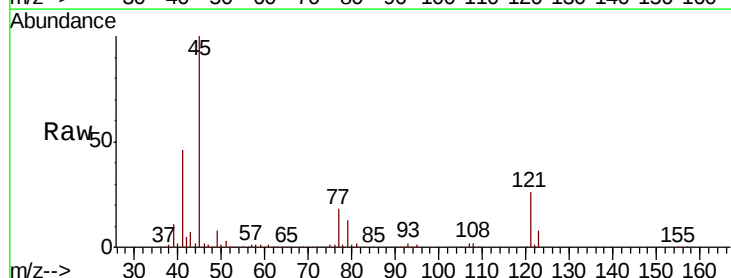
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	45	Resp:	514254
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	38.1
79	13.2	0.0	34.1





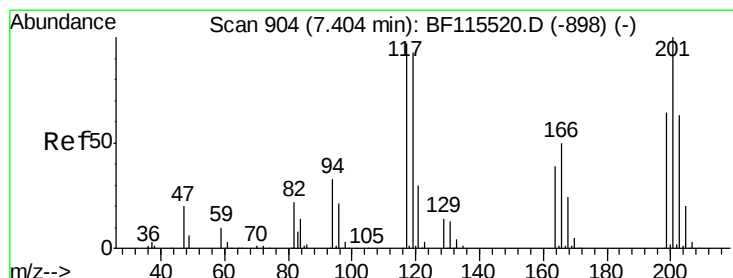
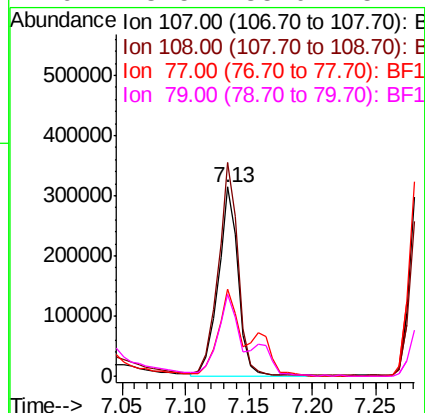
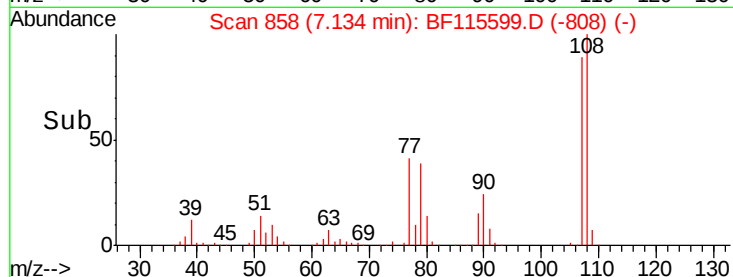
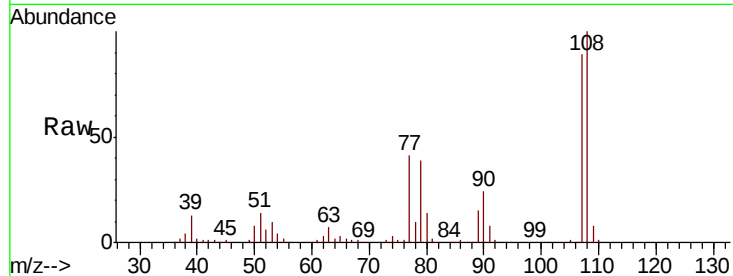
#17
2-Methylphenol
Concen: 37.972 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion:	107	Resp:	347926
Ion Ratio	Lower	Upper	
107	100		
108	112.8	89.4	134.2
77	45.9	35.7	53.5
79	43.5	35.0	52.4

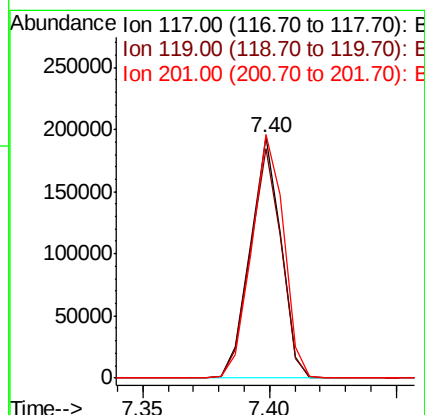
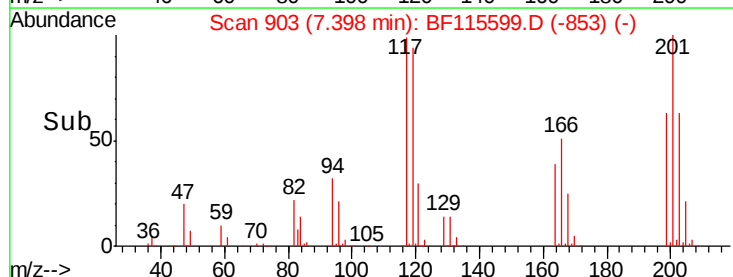
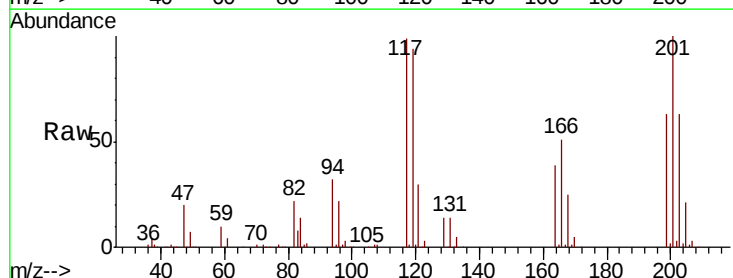
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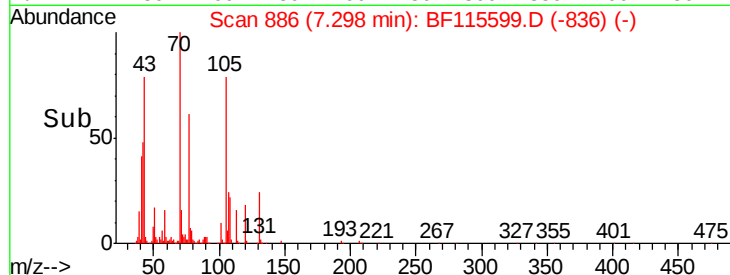
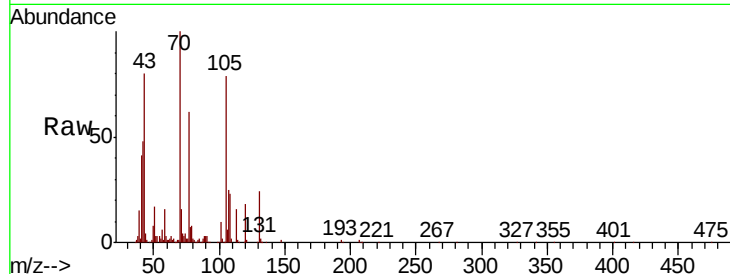
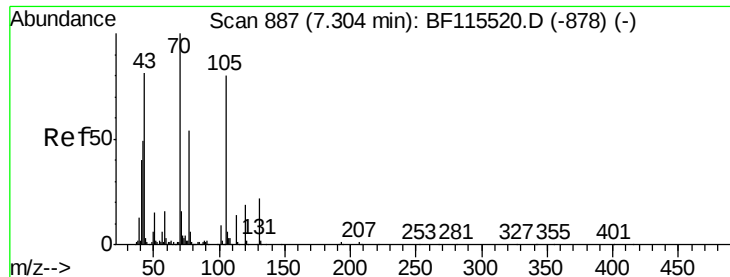
mohammad
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#18
Hexachloroethane
Concen: 36.948 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:	117	Resp:	163571
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.7	116.5
201	101.1	86.0	129.0





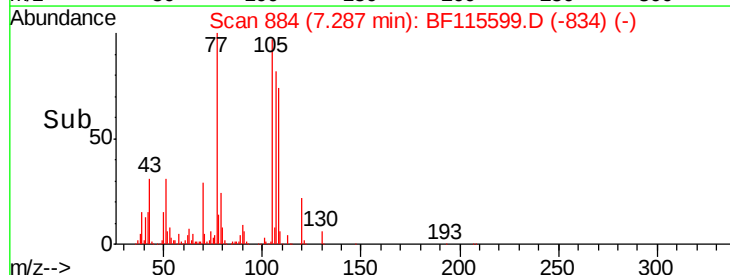
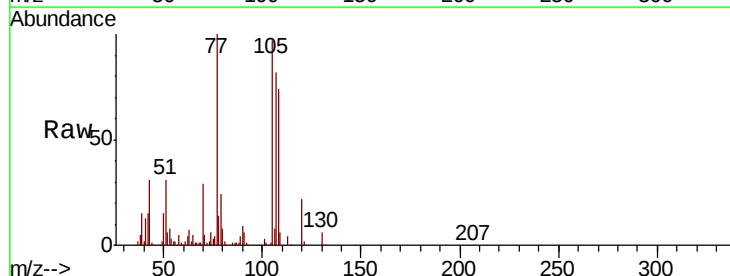
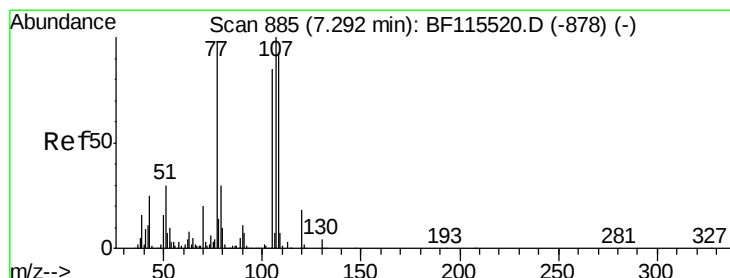
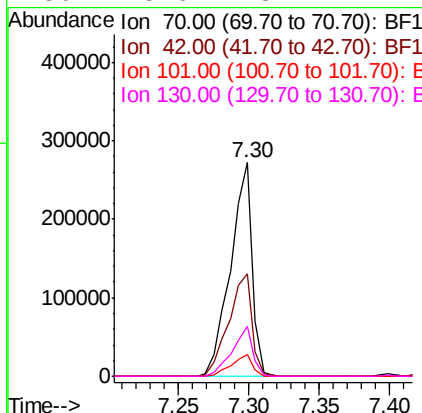
#19
n-Nitroso-di-n-propylamine
Concen: 37.900 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		290049		
42	48.2	39.6	59.4		
101	10.0	8.1	12.1		
130	23.6	18.2	27.2		

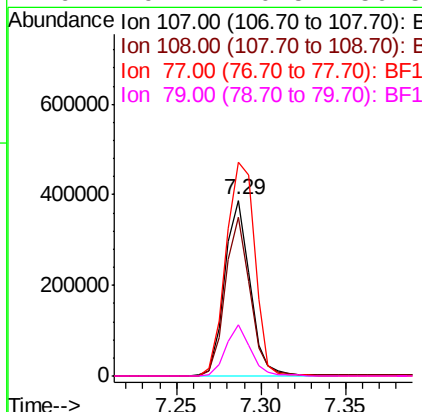
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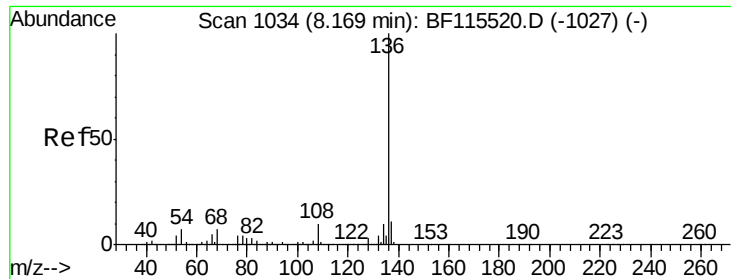
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#20
3+4-Methylphenols
Concen: 36.829 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		400837		
108	90.3	72.9	112.9		
77	121.7	77.6	117.6		
79	29.4	10.5	50.5		





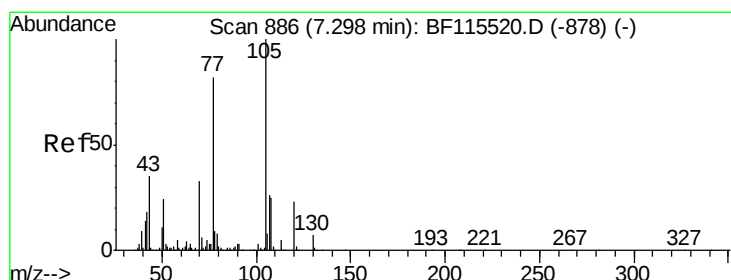
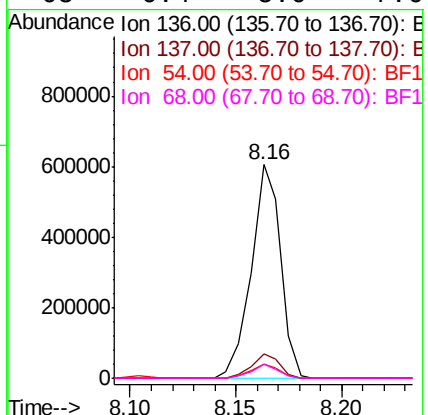
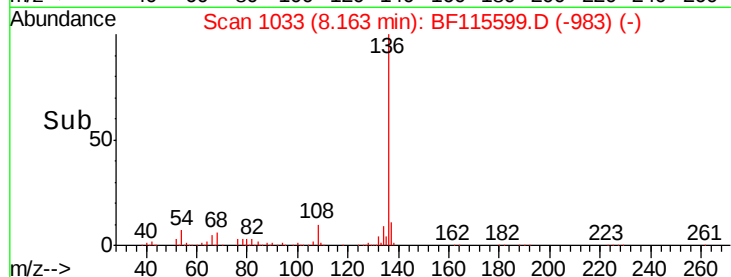
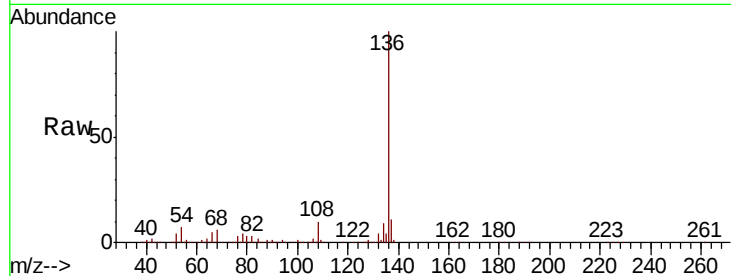
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		585602		
137	11.1		9.0	13.4	
54	6.9		5.6	8.4	
68	6.4		5.0	7.6	

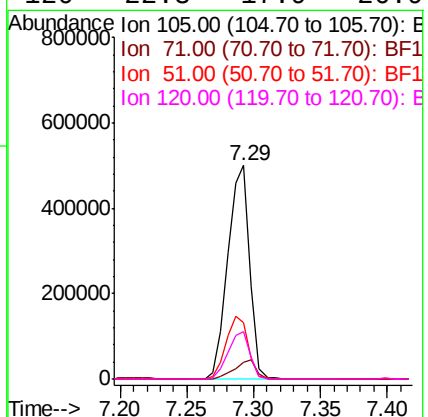
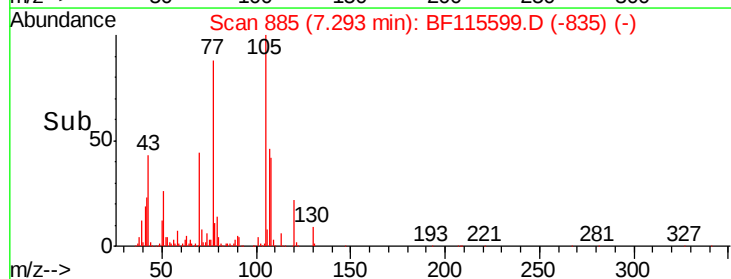
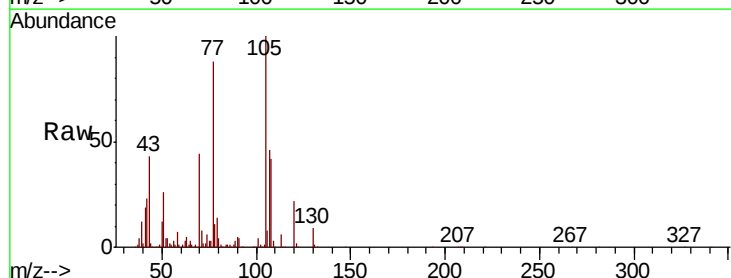
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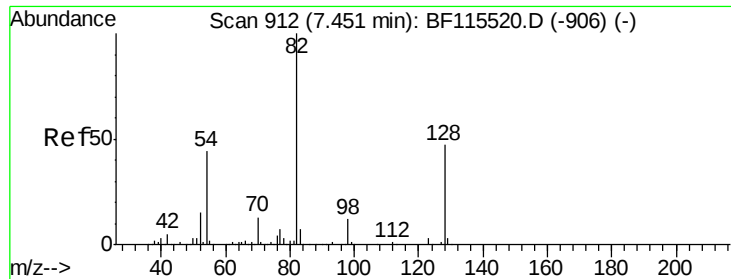
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#22
Acetophenone
Concen: 43.581 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		576554		
71	7.7		3.5	5.3#	
51	26.2		25.6	38.4	
120	22.3		17.9	26.9	





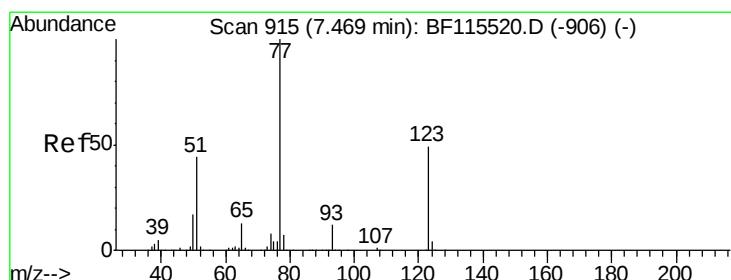
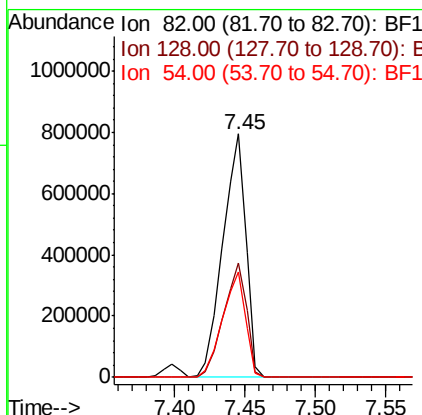
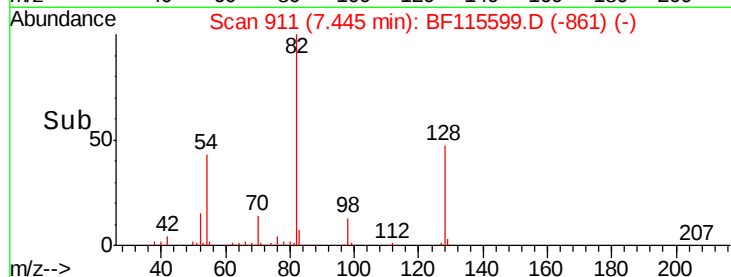
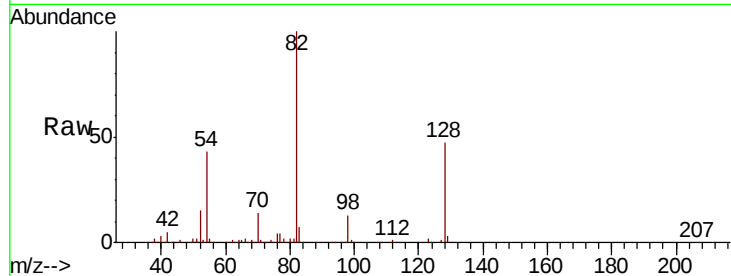
#23
Nitrobenzene-d5
Concen: 89.630 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.6	57.8
54	43.1	35.6	53.4

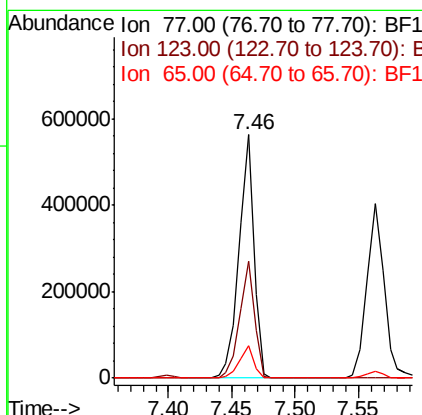
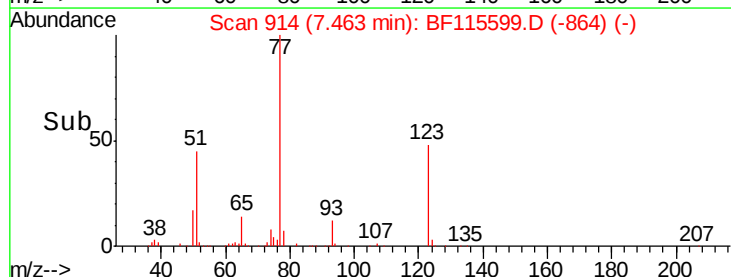
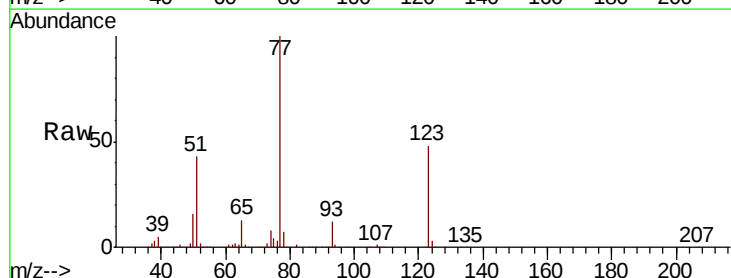
Manual Integrations
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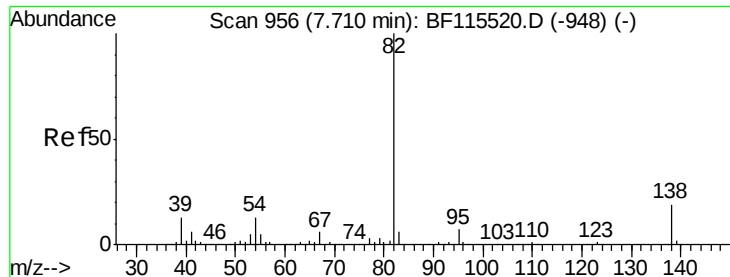
mohammad
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#24
Nitrobenzene
Concen: 42.037 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	40.0	60.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 41.225 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

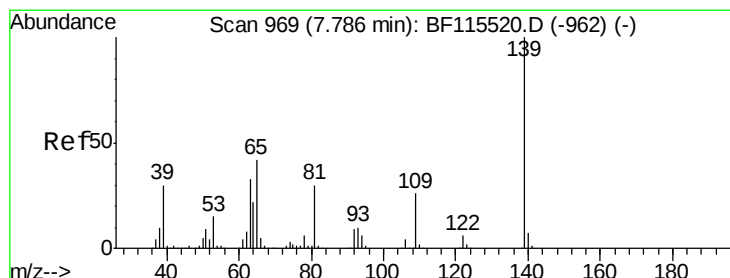
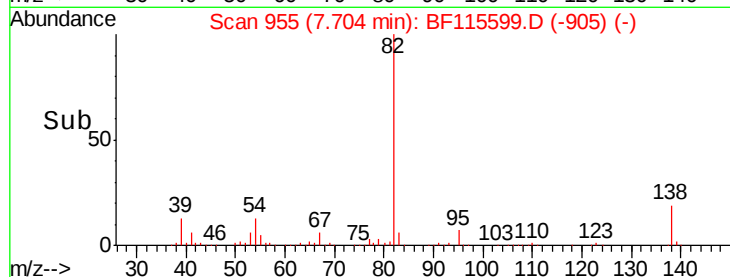
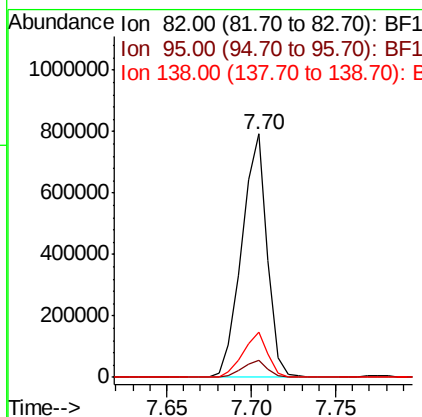
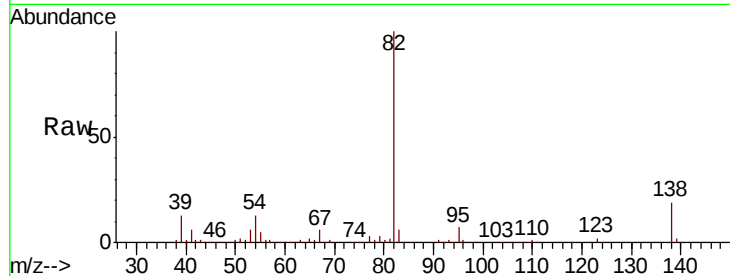
ClientSampleId :

CL-01-071219-AMSD

Tot Ion:	82	Resp:	830780
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.624 ng

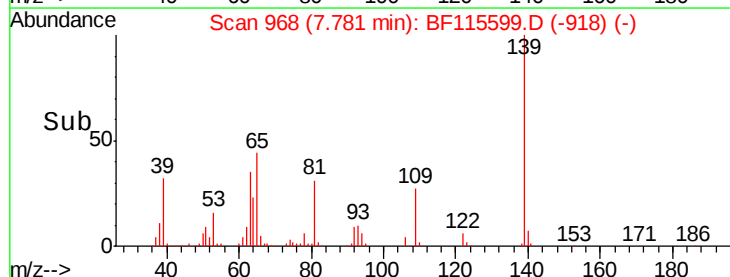
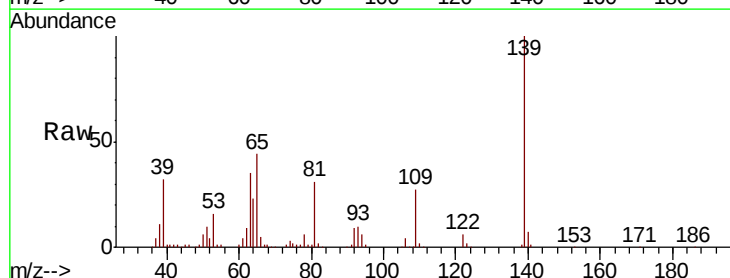
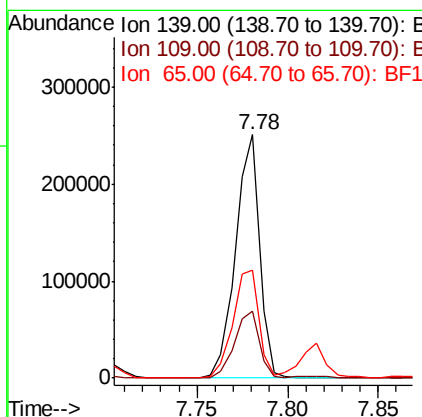
RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	139	Resp:	232725
Ion Ratio		Lower	Upper
139	100		
109	27.5	23.3	34.9
65	44.2	37.9	56.9





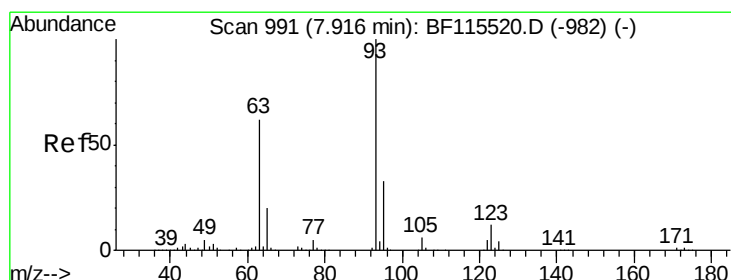
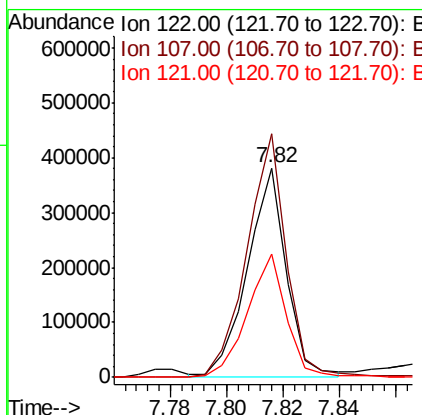
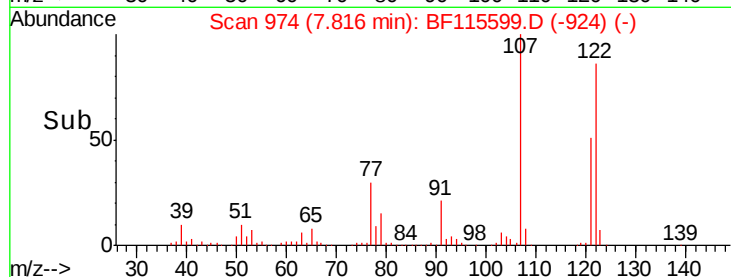
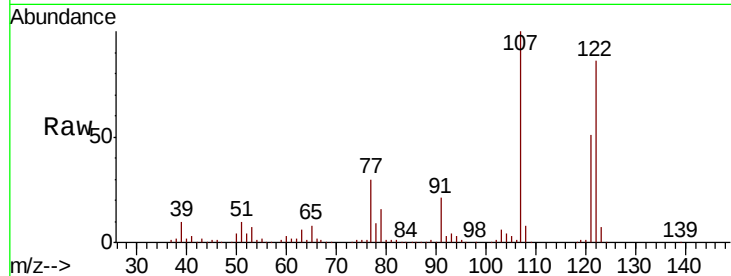
#27
2,4-Dimethylphenol
Concen: 43.635 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	92.9	139.3
121	58.8	46.9	70.3

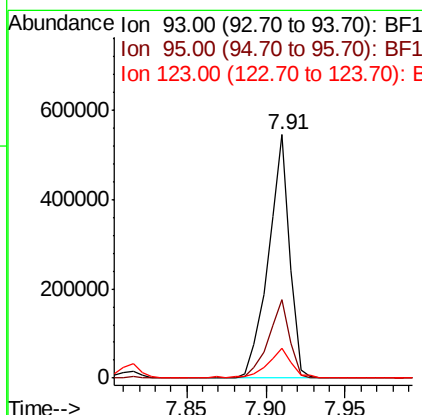
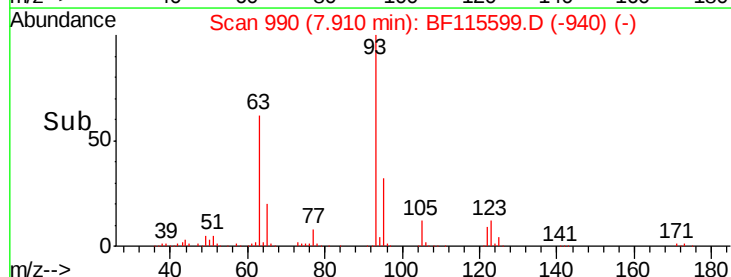
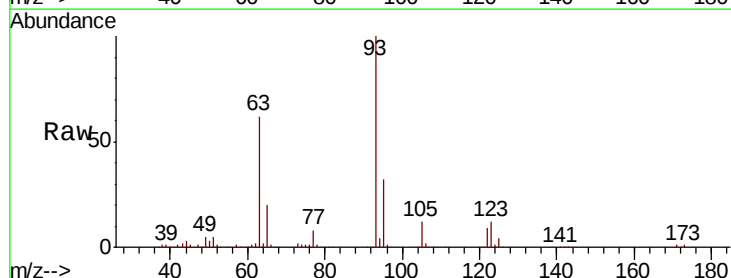
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#28
bis(2-Chloroethoxy)methane
Concen: 41.412 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.4
123	12.2	9.9	14.9





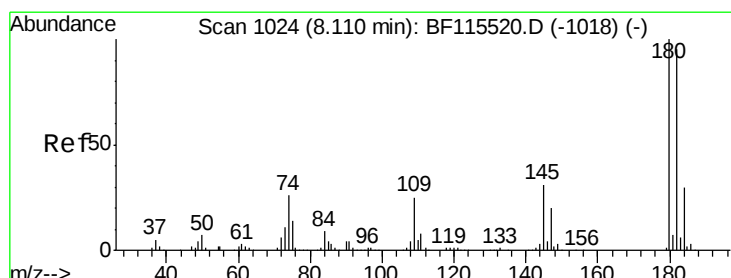
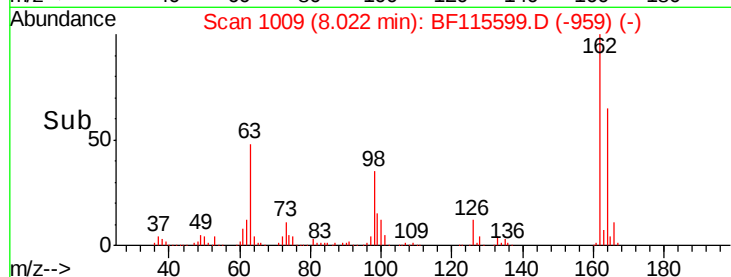
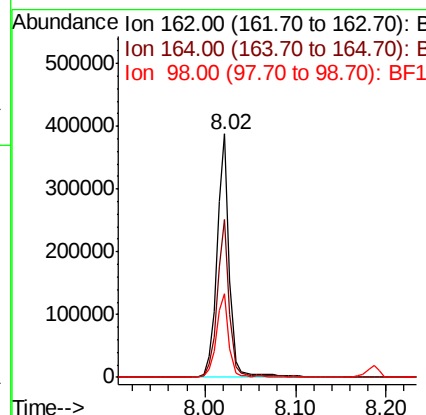
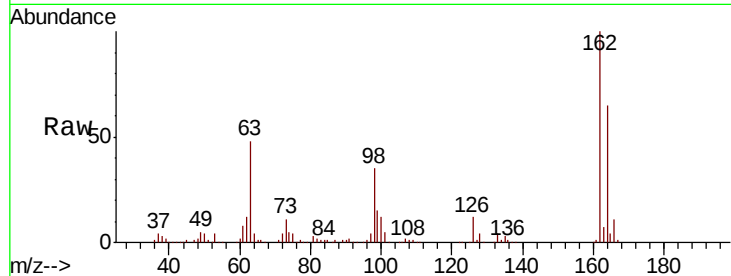
#29
2,4-Dichlorophenol
Concen: 42.389 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	368799		
164	65.0	44.9	84.9	
98	34.6	17.7	57.7	

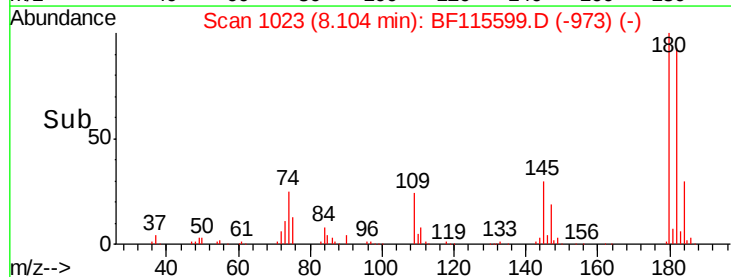
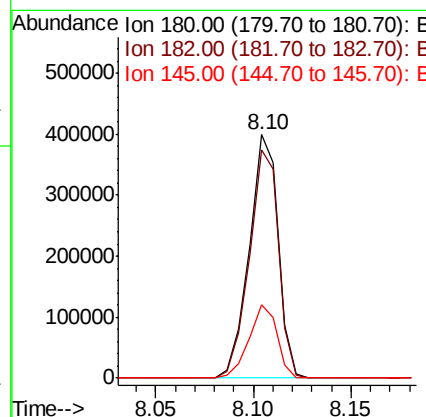
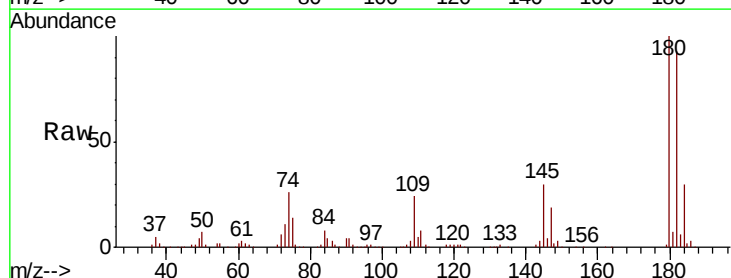
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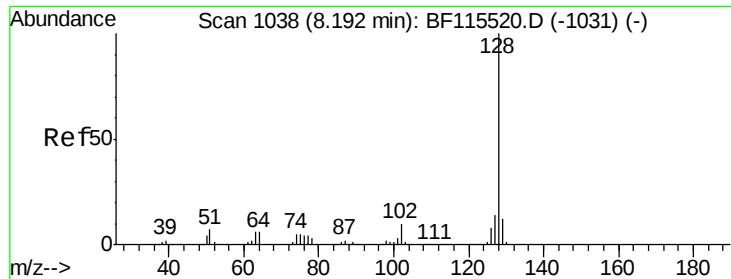
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#30
1,2,4-Trichlorobenzene
Concen: 41.645 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409559		
182	93.5	75.0	112.6	
145	30.1	25.1	37.7	





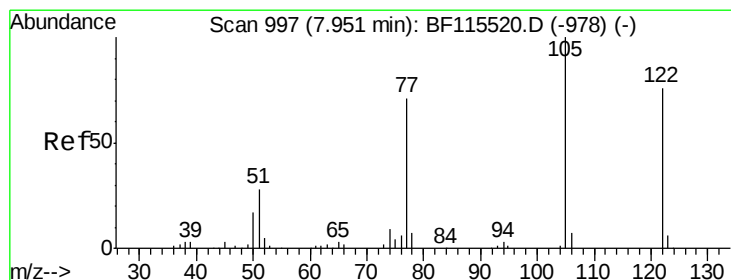
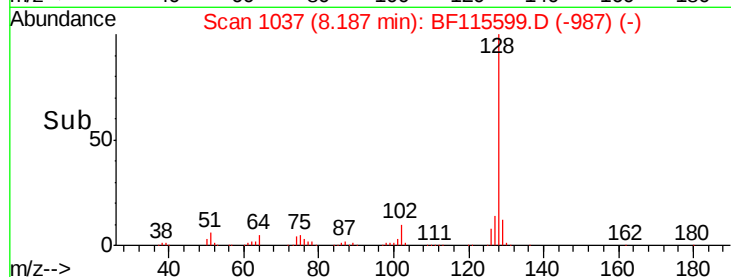
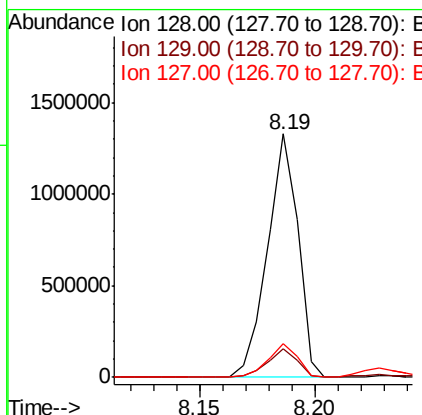
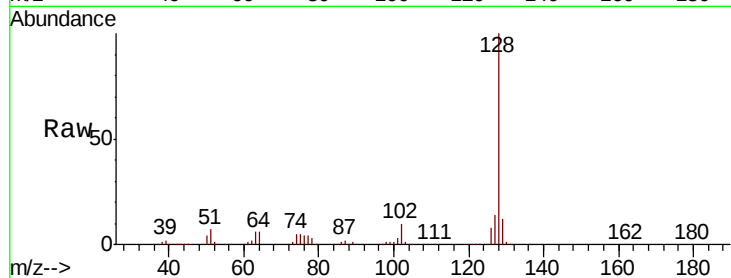
#31
Naphthalene
Concen: 43.216 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.9	14.9
127	13.8	12.1	18.1

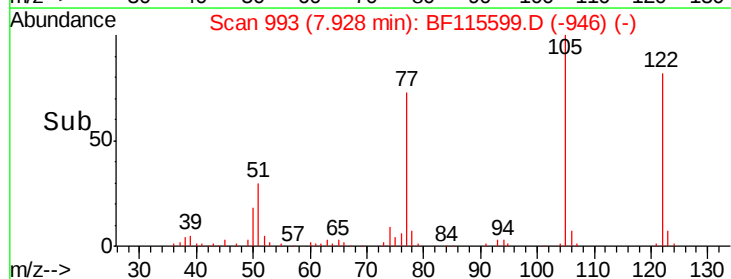
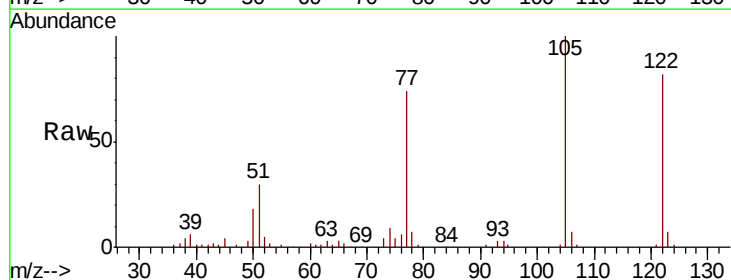
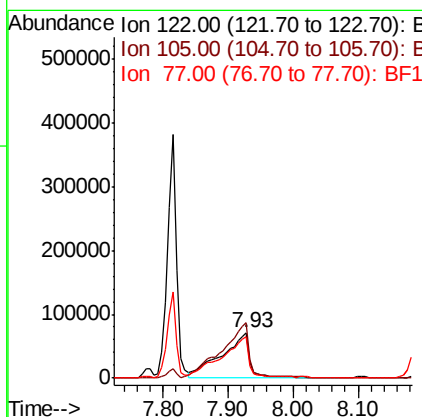
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#32
Benzoic acid
Concen: 31.144 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	102.5	142.5
77	90.2	70.2	110.2





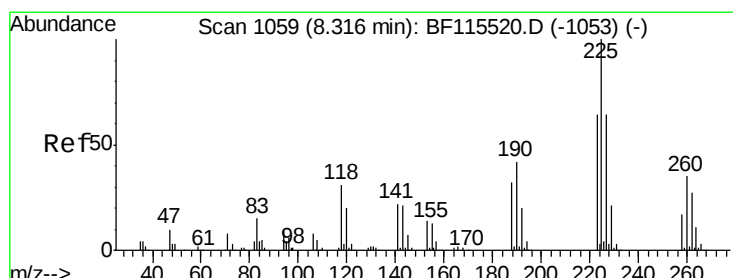
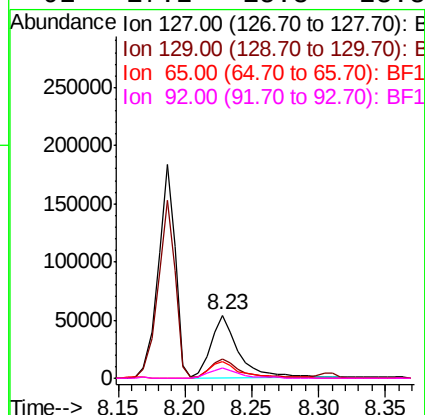
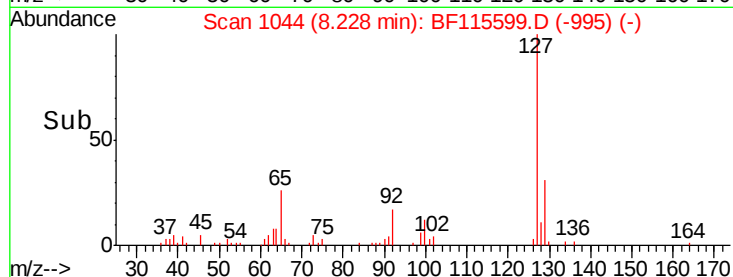
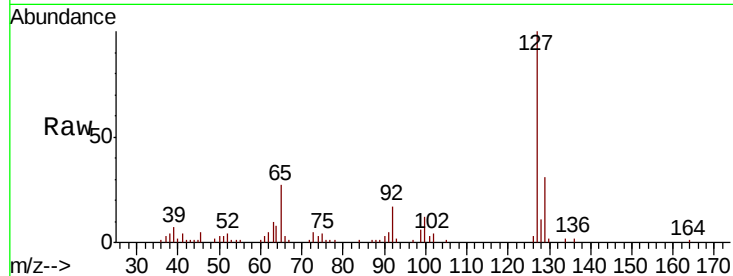
#33
4-Chloroaniline
Concen: 6.132 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		77033		
129	31.3	26.6	39.8		
65	27.0	23.7	35.5		
92	17.2	15.8	23.8		

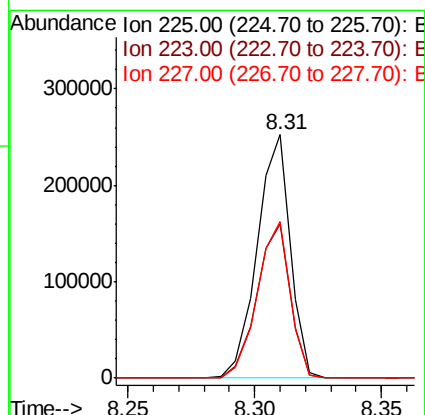
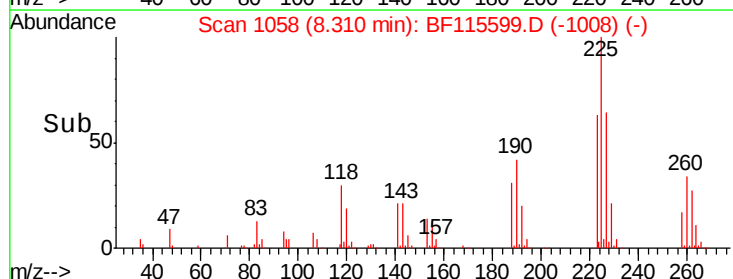
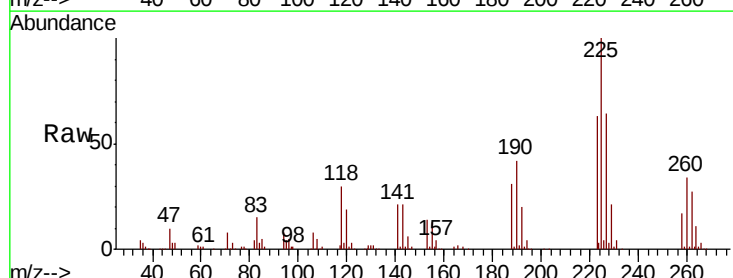
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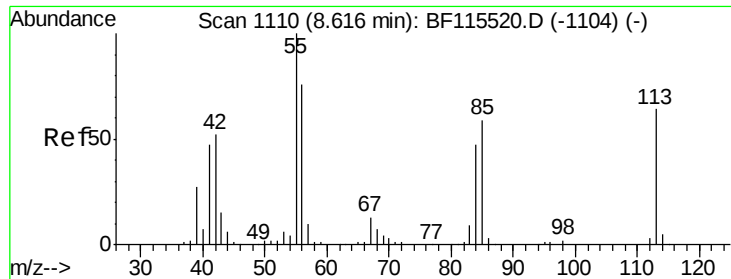
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#34
Hexachlorobutadiene
Concen: 40.680 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		229424		
223	63.2	50.9	76.3		
227	64.2	50.7	76.1		





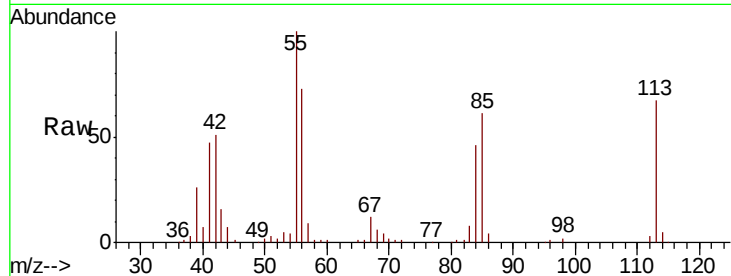
#35
Caprolactam
Concen: 35.734 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

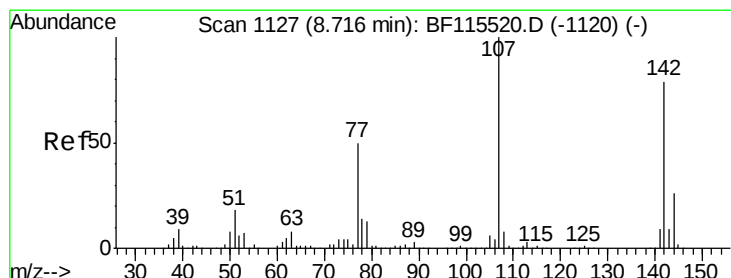
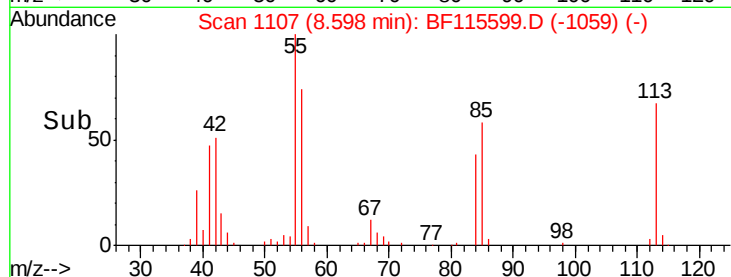
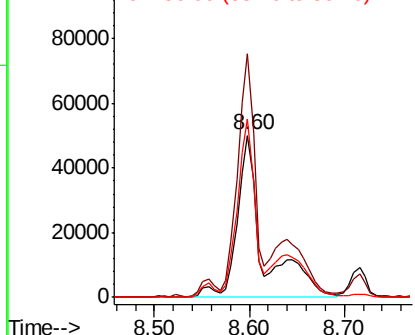
Tot Ion: 113 Resp: 96070
Ion Ratio Lower Upper
113 100
55 150.1 126.9 166.9
56 110.1 90.3 130.3

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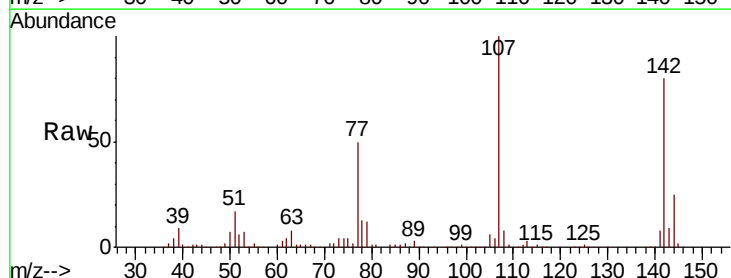


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

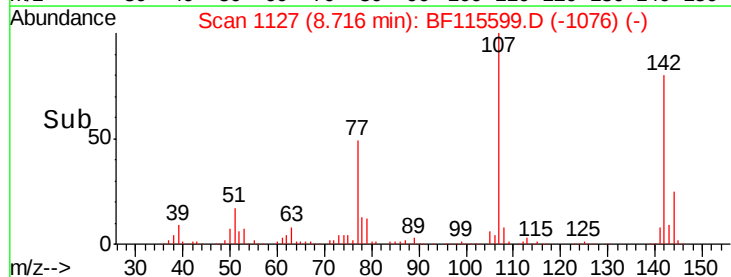
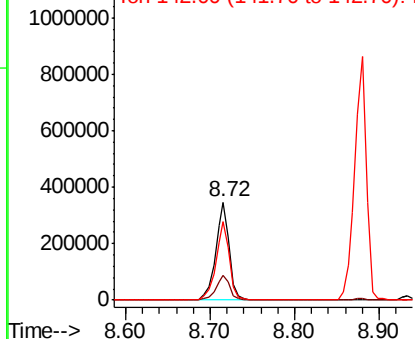


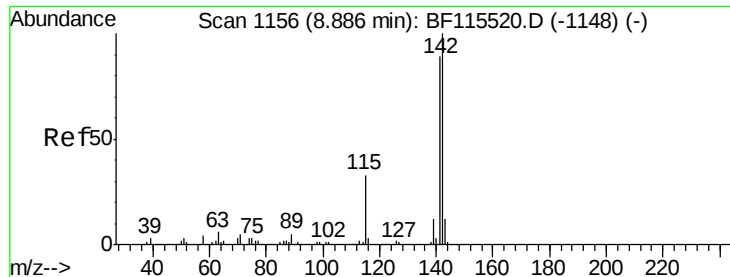
#36
4-Chloro-3-methylphenol
Concen: 43.910 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion: 107 Resp: 396280
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 79.7 63.1 94.7



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





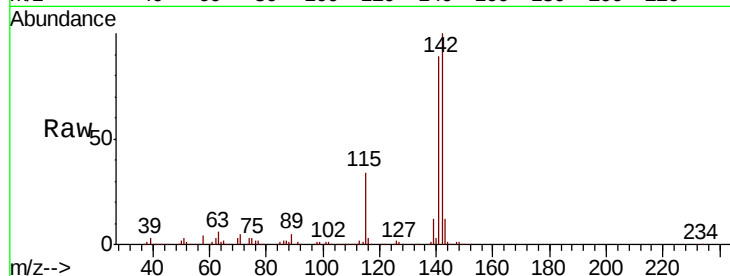
#37
2-Methylnaphthalene
Concen: 44.562 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.0	108.0
115	34.0	29.9	44.9

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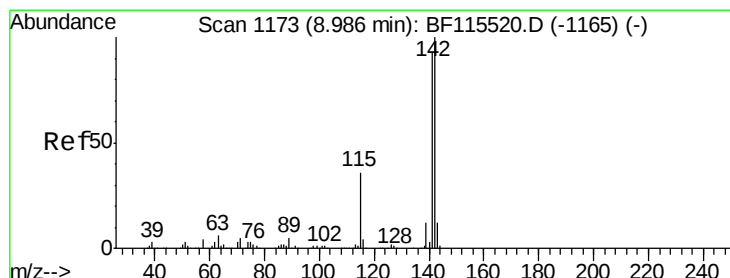
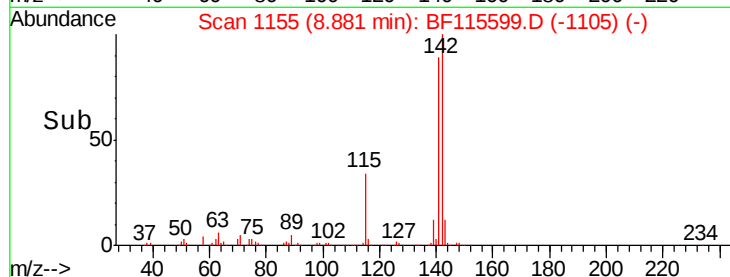
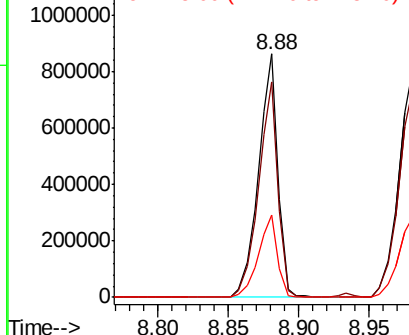


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.141 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

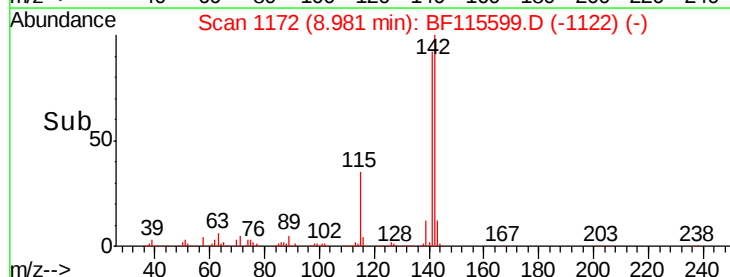
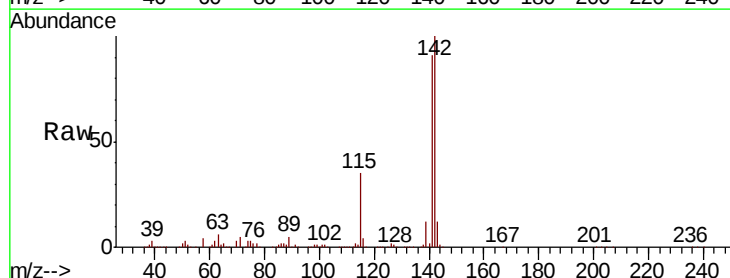
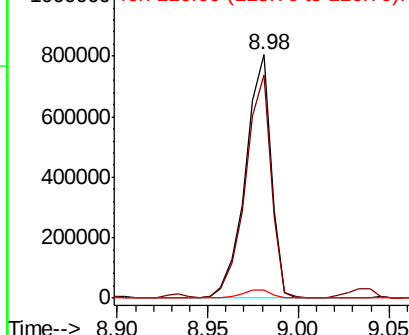
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.3	112.9
116	3.5	3.3	4.9

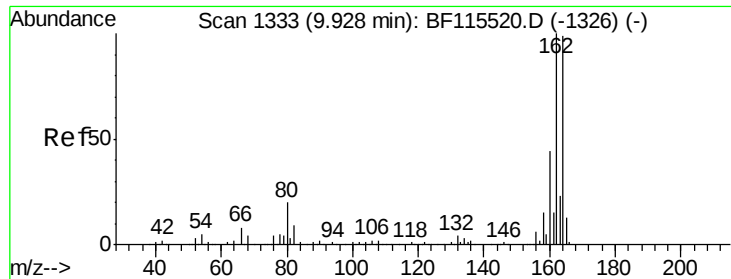
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





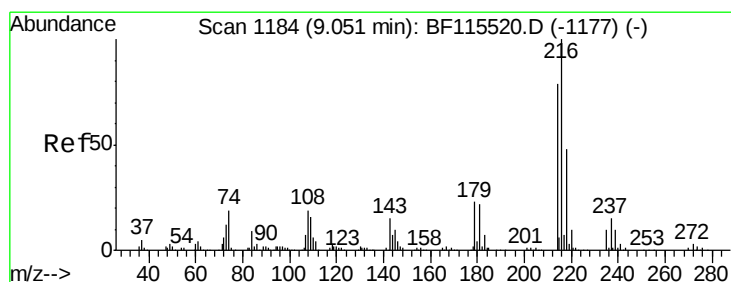
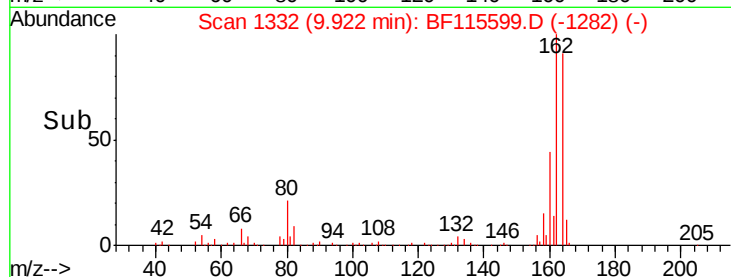
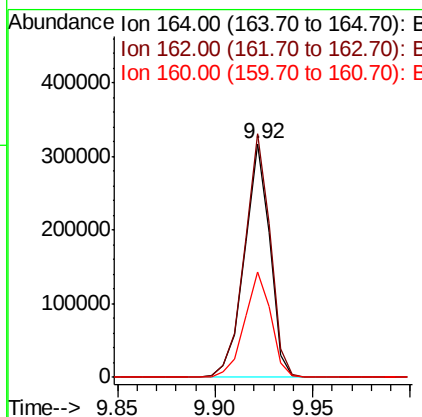
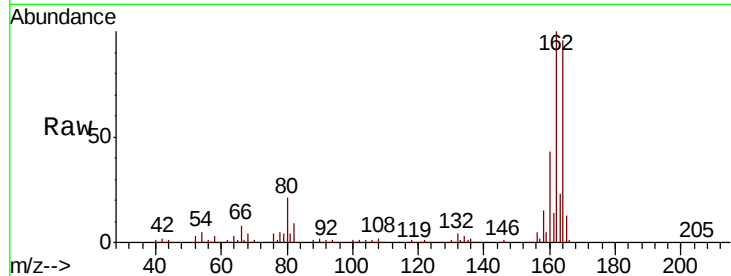
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	82.9	124.3	
160	45.3	36.8	55.2	

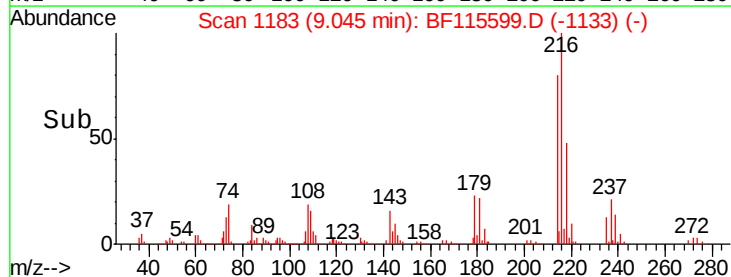
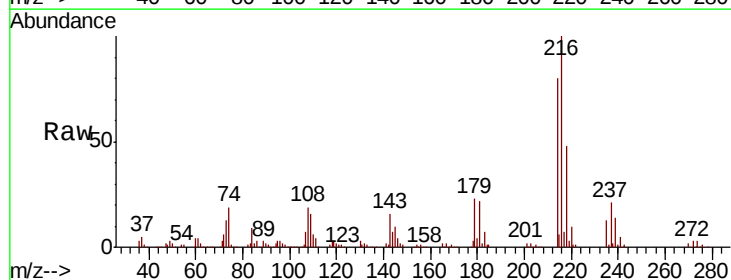
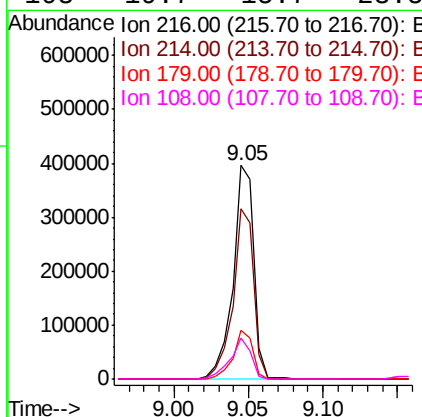
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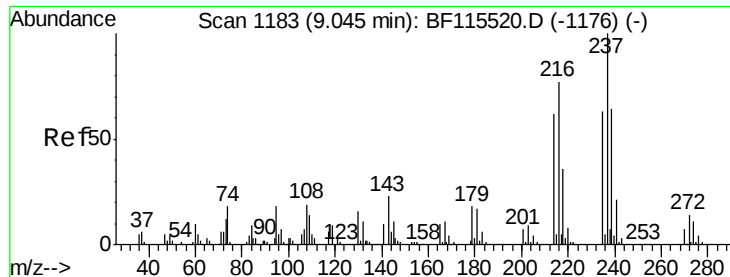
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.029 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	65.1	97.7	
179	21.7	18.3	27.5	
108	19.7	15.7	23.5	





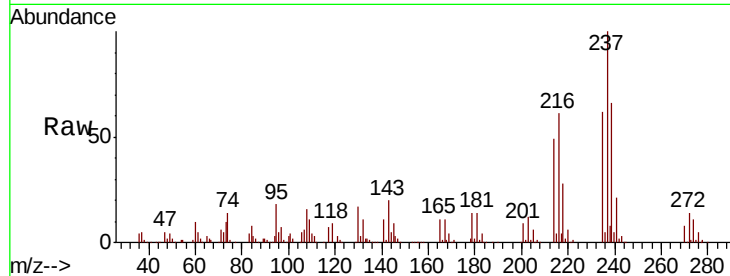
#41
Hexachlorocyclopentadiene
Concen: 56.185 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

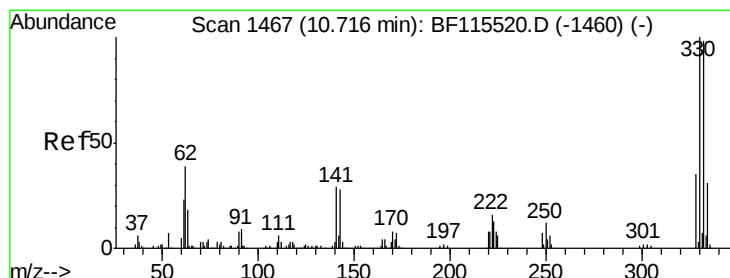
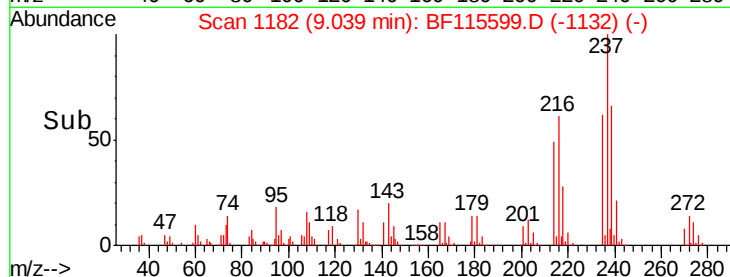
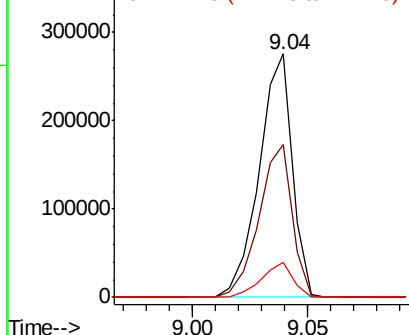
Tot Ion:	237	Resp:	275936
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.6	83.6
272	14.3	0.0	33.9

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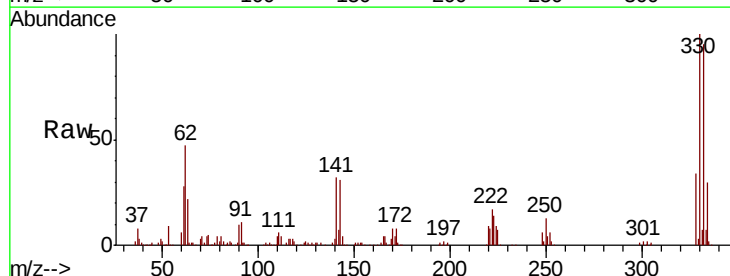


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

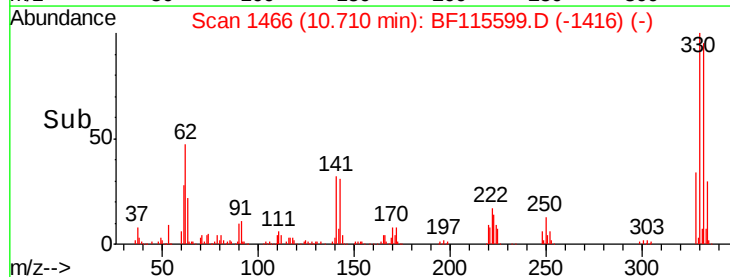
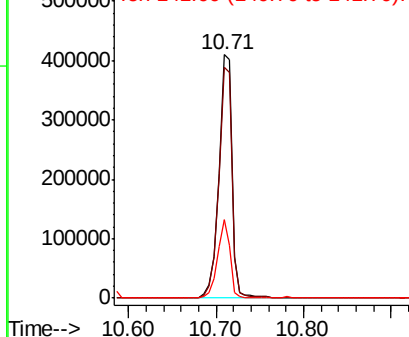


#42
2,4,6-Tribromophenol
Concen: 130.089 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:	330	Resp:	434128
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	30.3	22.4	33.6



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





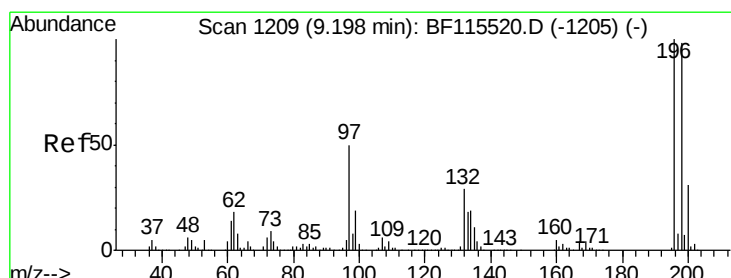
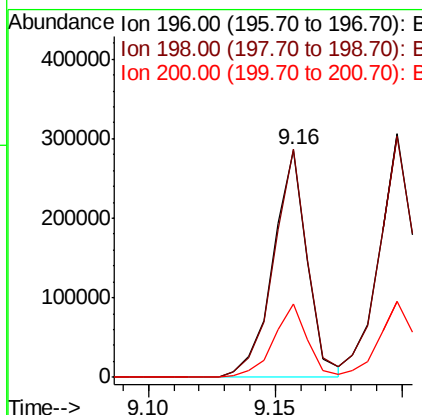
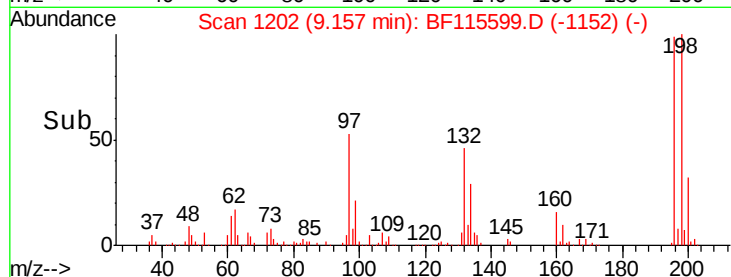
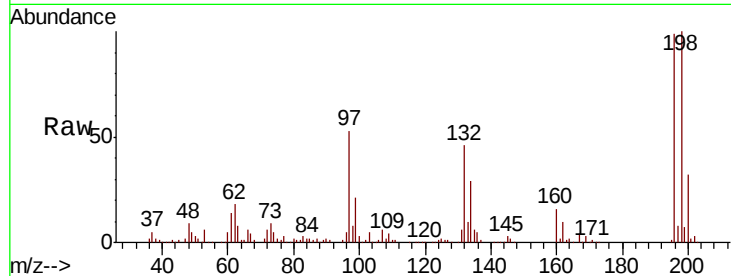
#43
 2,4,6-Trichlorophenol
 Concen: 43.002 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	270745		
198	100.5	80.6	121.0	
200	32.2	25.8	38.6	

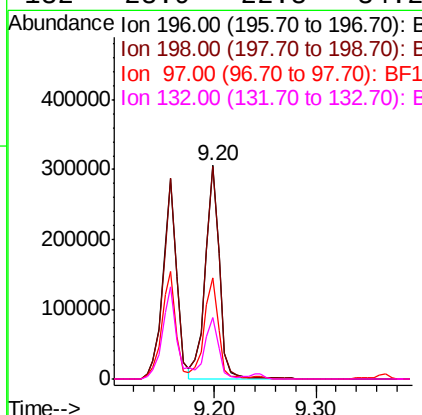
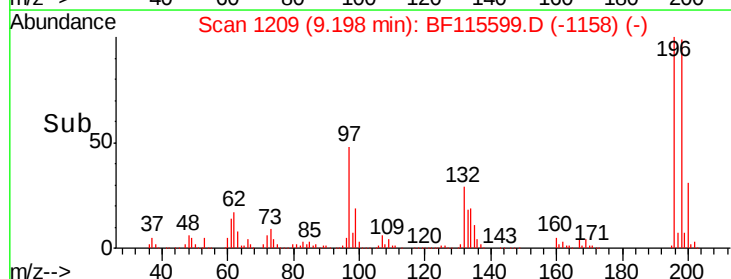
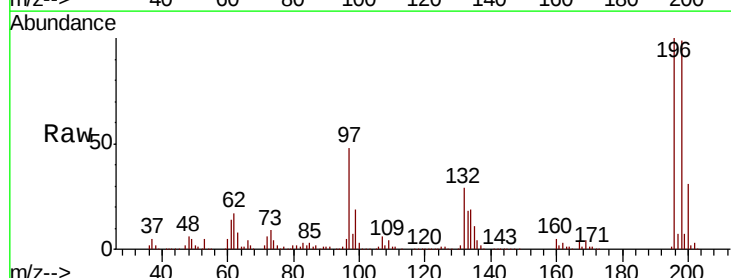
Manual Integrations
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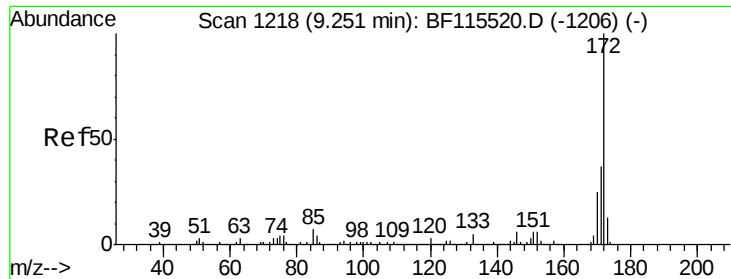
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#44
 2,4,5-Trichlorophenol
 Concen: 45.448 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293041		
198	99.2	79.6	119.4	
97	47.5	37.8	56.6	
132	28.9	22.8	34.2	





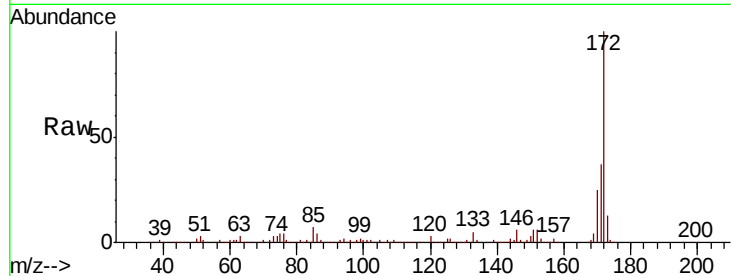
#45
2-Fluorobiphenyl
Concen: 100.340 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.9	20.5	30.7

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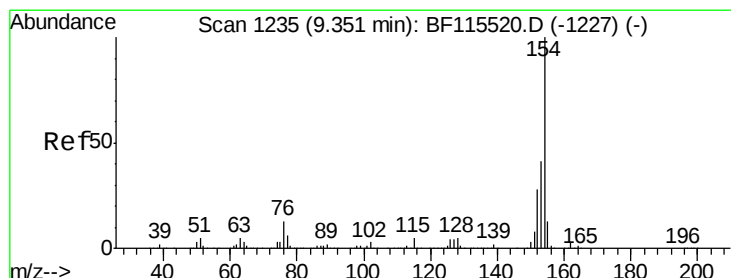
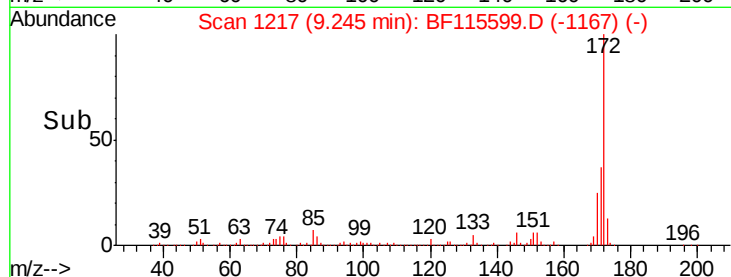
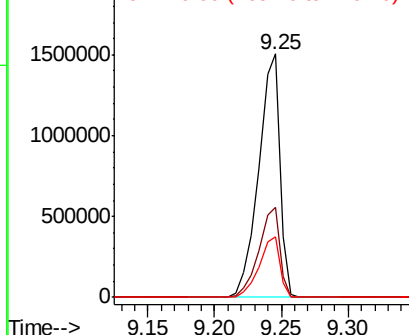


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.724 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

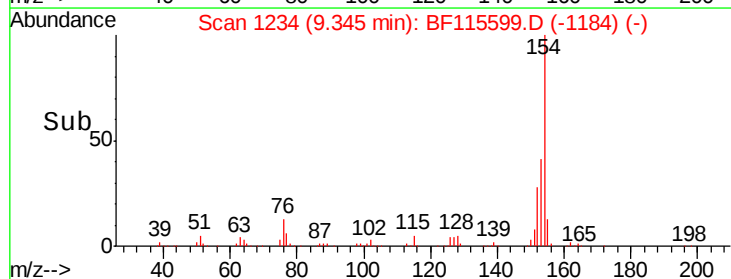
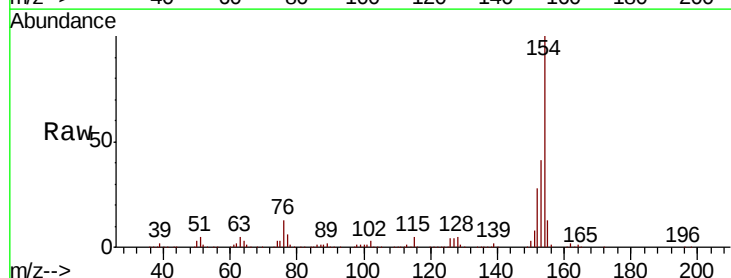
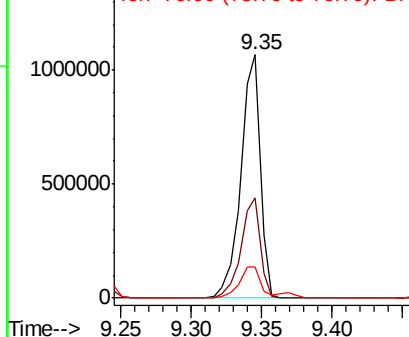
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.6	62.6
76	12.8	0.0	33.4

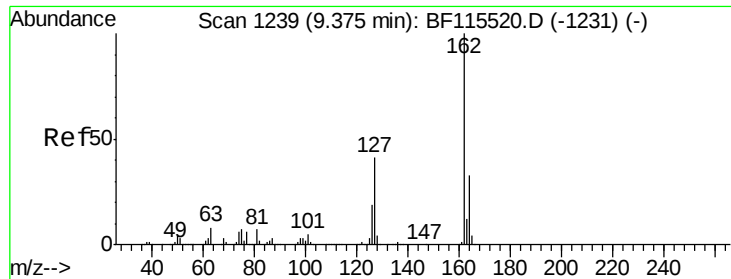
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





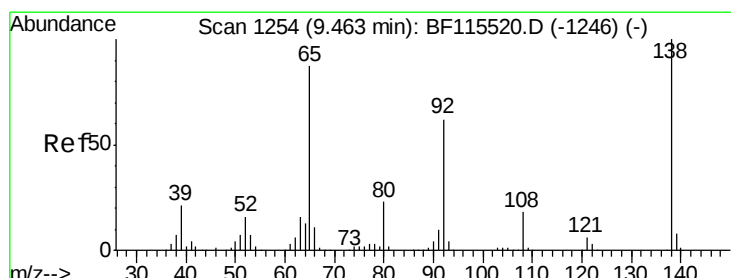
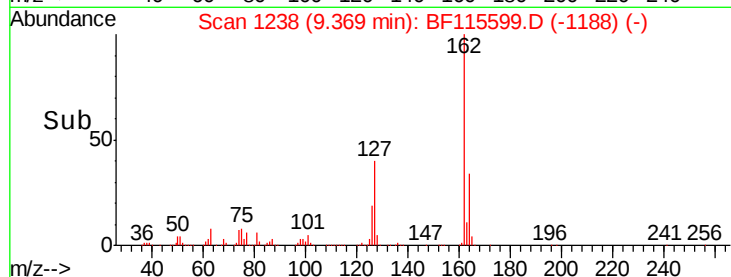
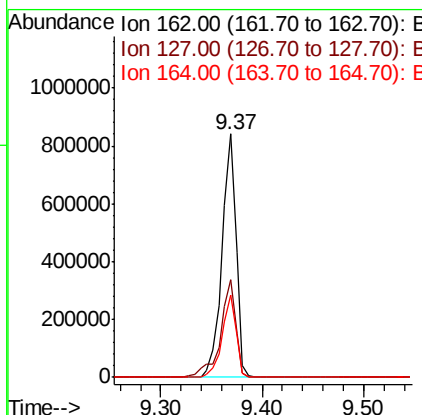
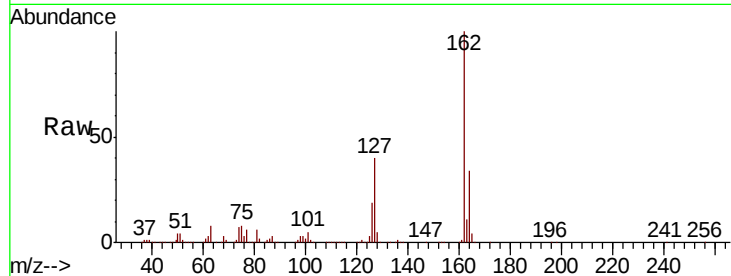
#47
2-Chloronaphthalene
Concen: 43.524 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	34.1	51.1
164	33.7	27.4	41.2

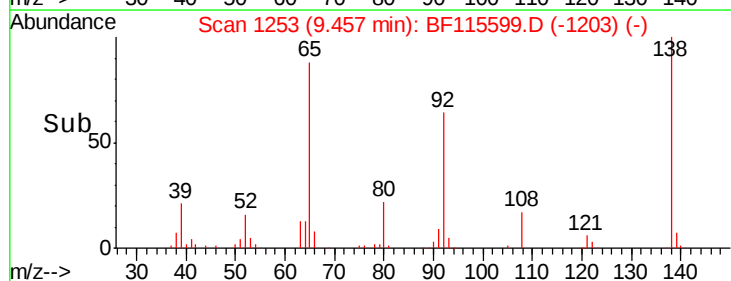
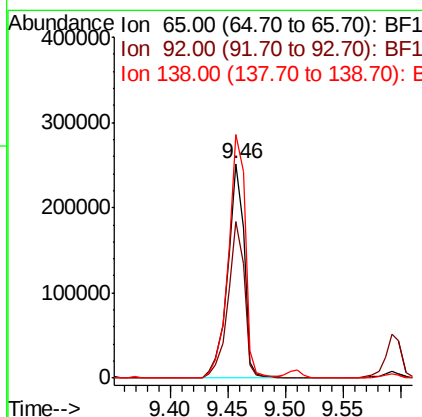
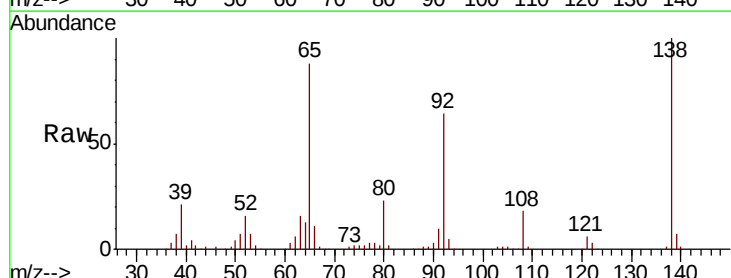
Manual Integrations
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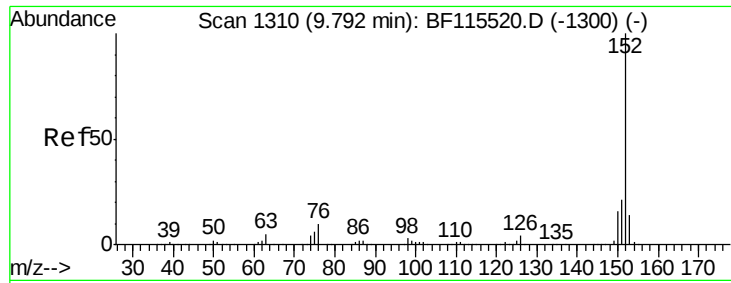
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#48
2-Nitroaniline
Concen: 43.181 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.8	86.6
138	113.5	91.2	136.8





#49

Acenaphthylene

Concen: 44.890 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMSD

Tot Ion:152 Resp: 1237944

Ion Ratio Lower Upper

152 100

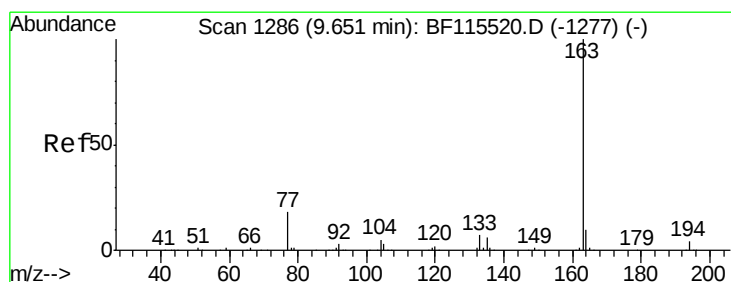
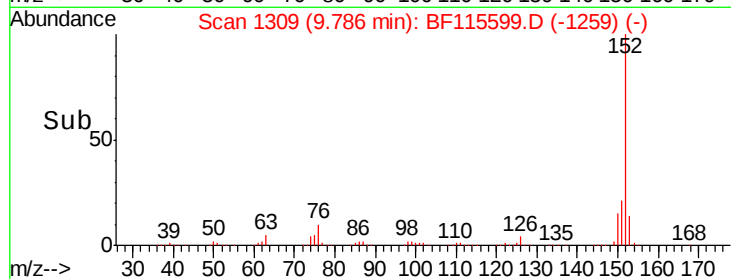
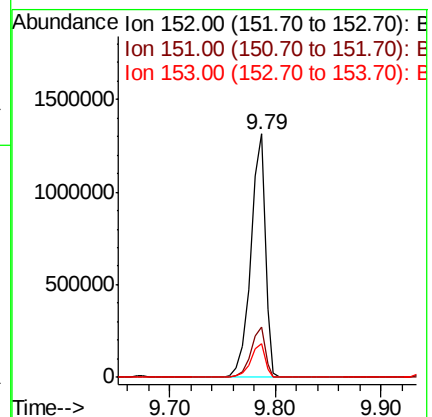
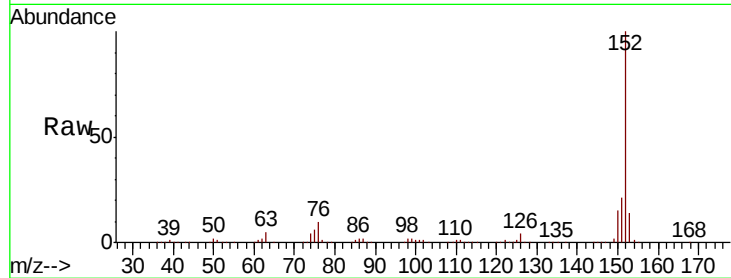
151 20.9 17.7 26.5

153 13.8 12.0 18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.550 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

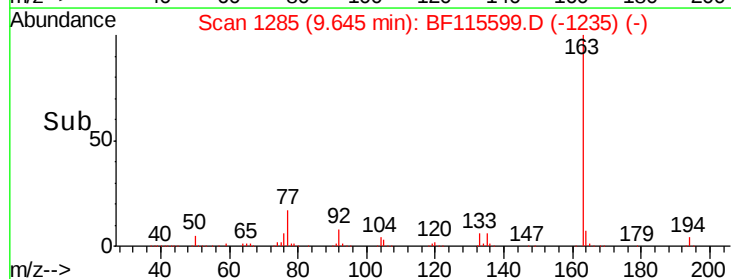
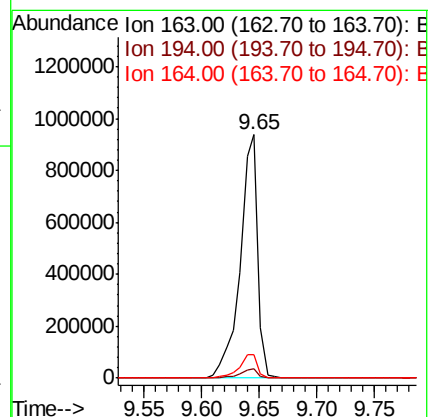
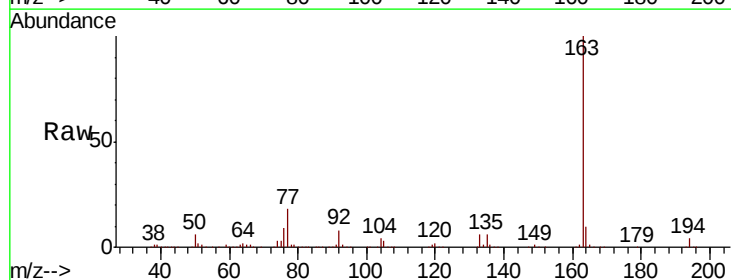
Tgt Ion:163 Resp: 979802

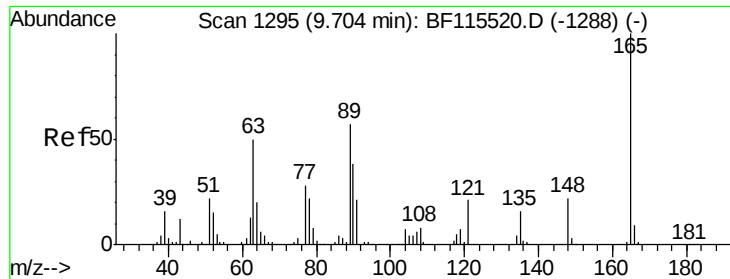
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.7 13.1





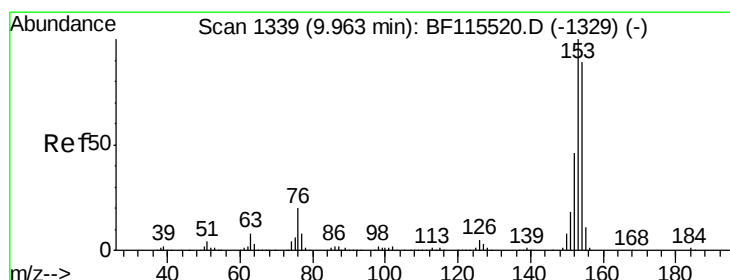
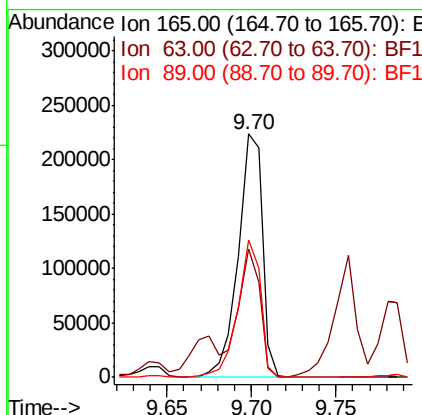
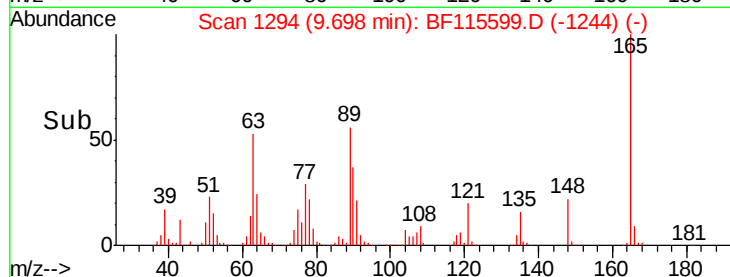
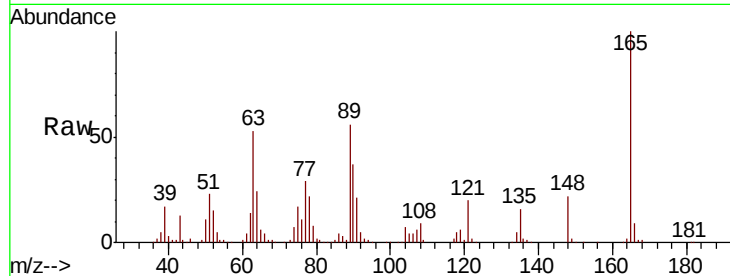
#51
2,6-Dinitrotoluene
Concen: 45.883 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	224294		
63	52.8		40.6	61.0
89	56.3		43.9	65.9

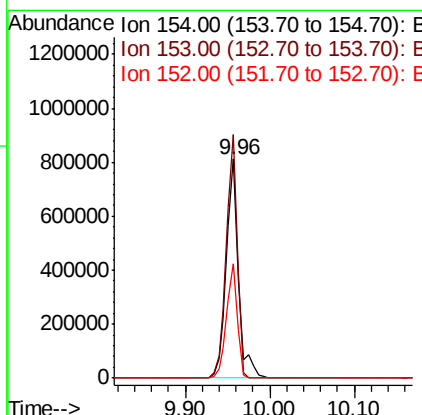
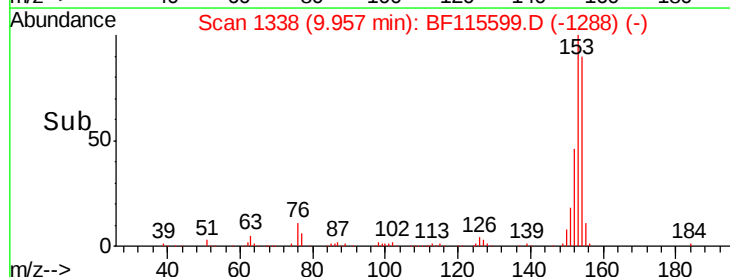
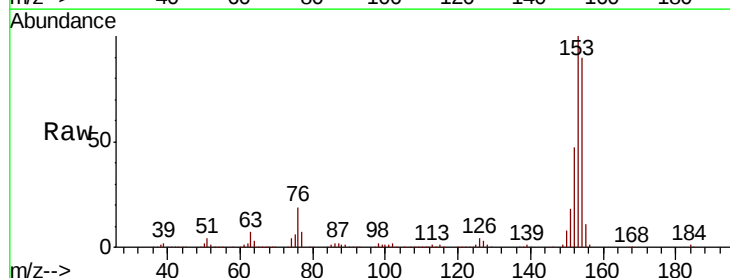
Manual Integrations
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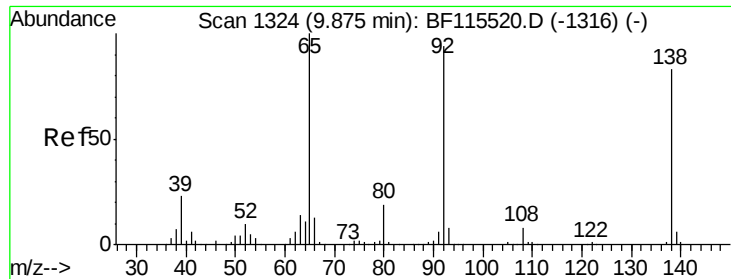
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#52
Acenaphthene
Concen: 45.479 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	809710		
153	111.1		88.6	133.0
152	52.0		42.3	63.5





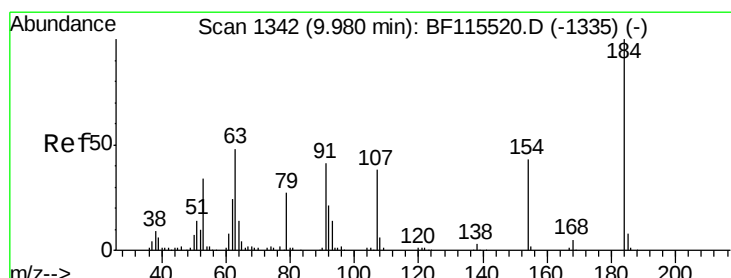
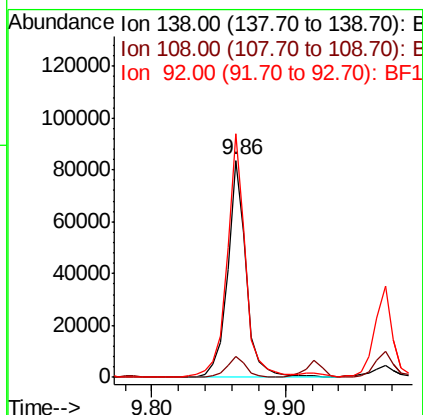
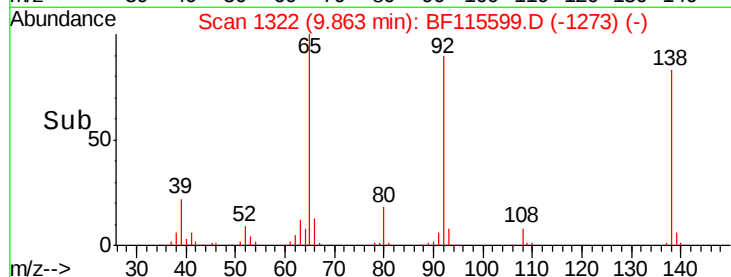
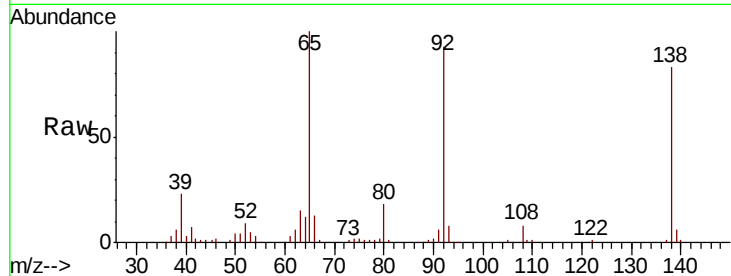
#53
3-Nitroaniline
Concen: 14.641 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.4	12.6
92	112.1	88.0	132.0

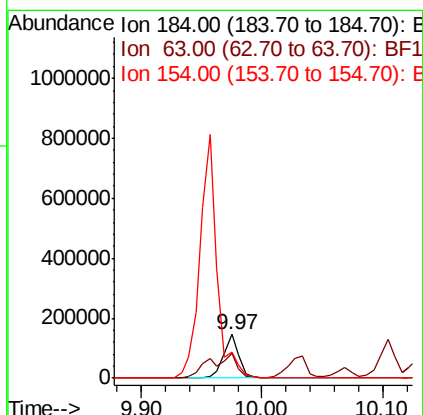
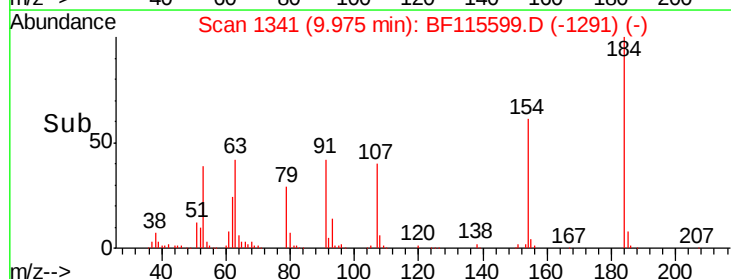
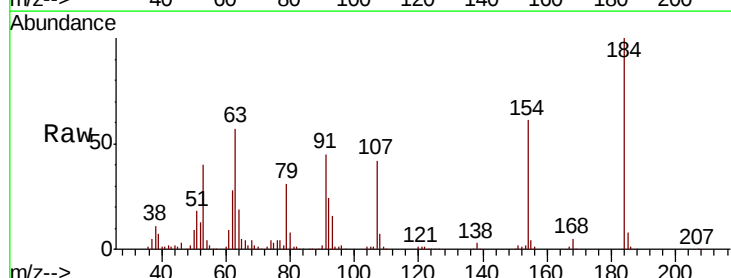
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#54
2,4-Dinitrophenol
Concen: 52.110 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	48.7	73.1
154	60.9	48.6	73.0





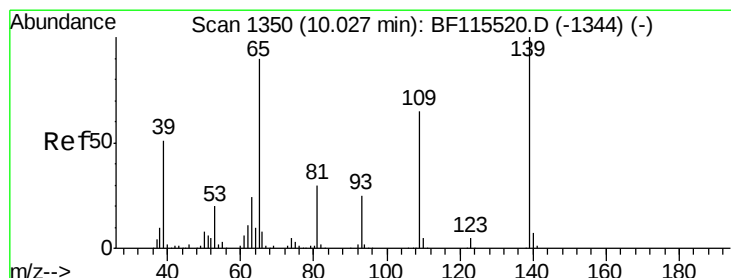
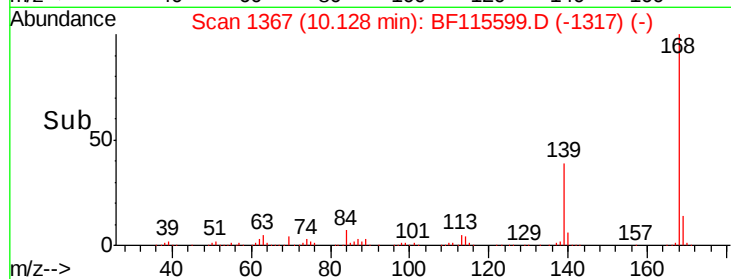
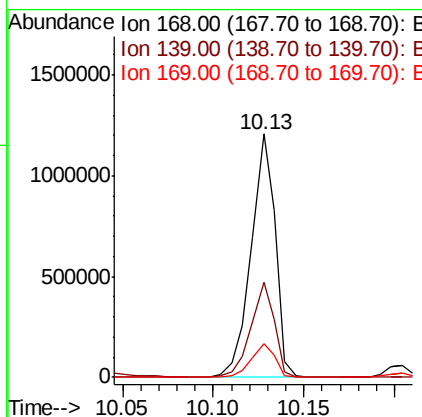
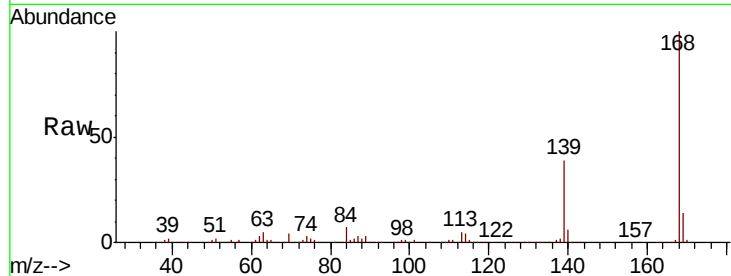
#55
Dibenzenofuran
Concen: 44.246 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion:168 Resp: 1118710
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 13.8 11.1 16.7

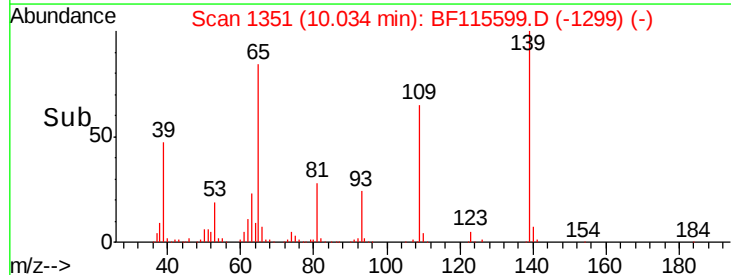
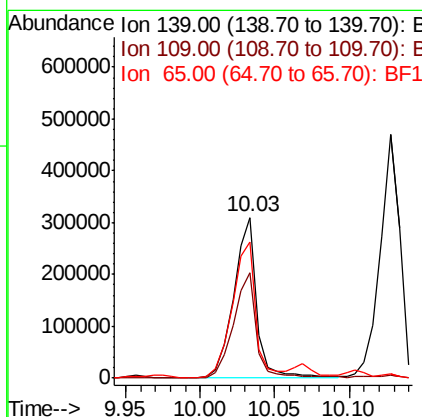
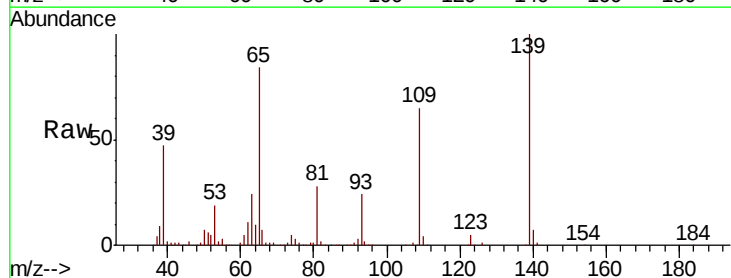
Manual Integrations
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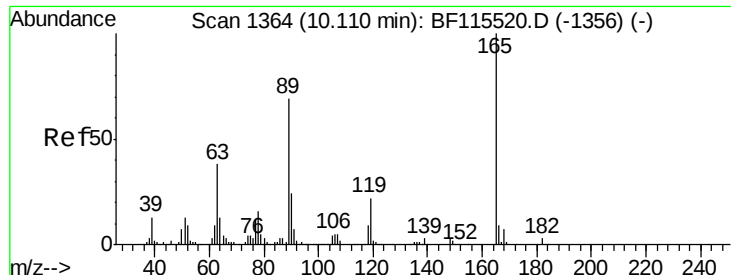
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#56
4-Nitrophenol
Concen: 79.264 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:139 Resp: 337649
Ion Ratio Lower Upper
139 100
109 65.4 46.4 86.4
65 84.3 68.9 108.9





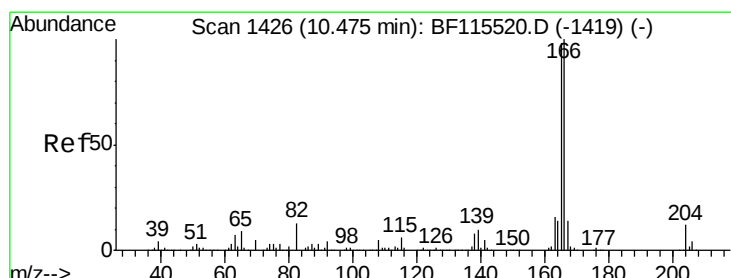
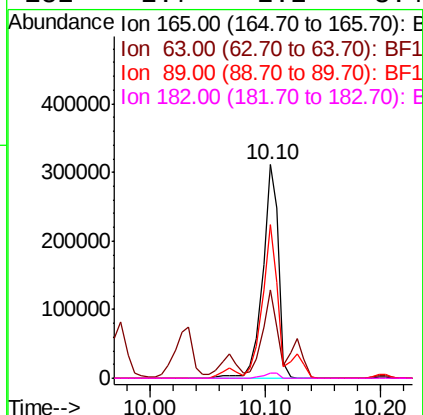
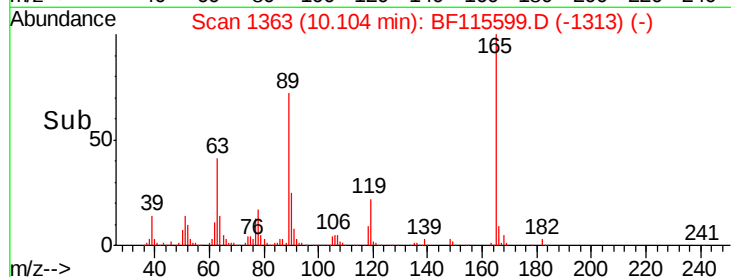
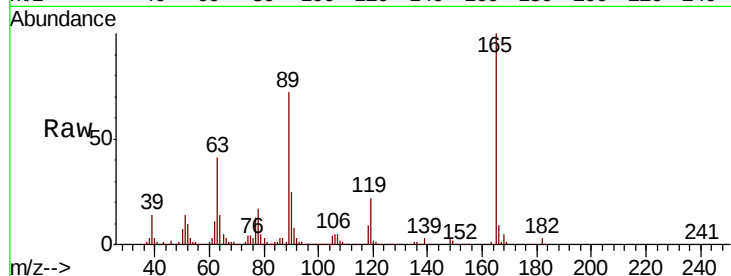
#57
2,4-Dinitrotoluene
Concen: 47.129 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	298477		
63	41.1	34.9	52.3	
89	71.9	57.5	86.3	
182	2.7	2.2	3.4	

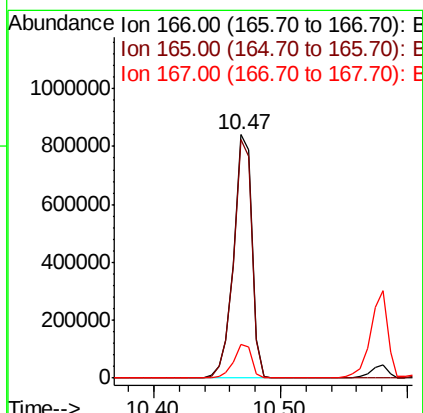
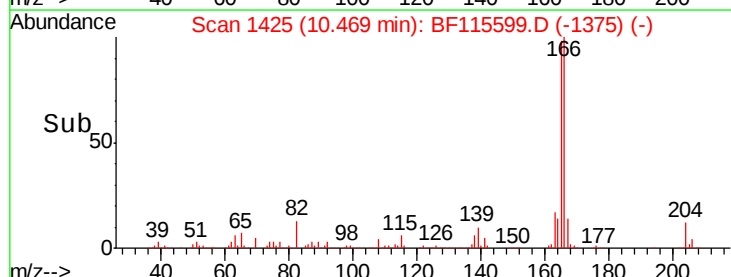
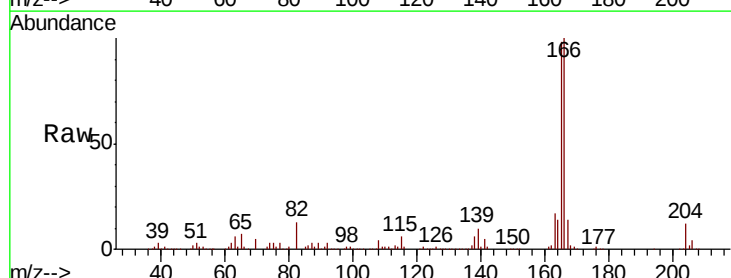
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#58
Fluorene
Concen: 45.927 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	830138		
165	97.8	79.8	119.6	
167	13.7	11.2	16.8	





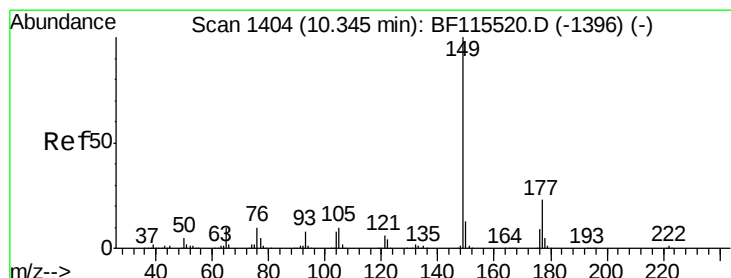
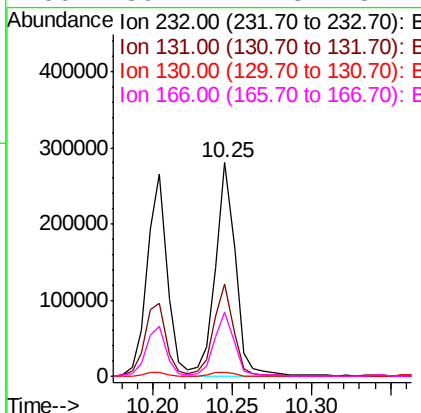
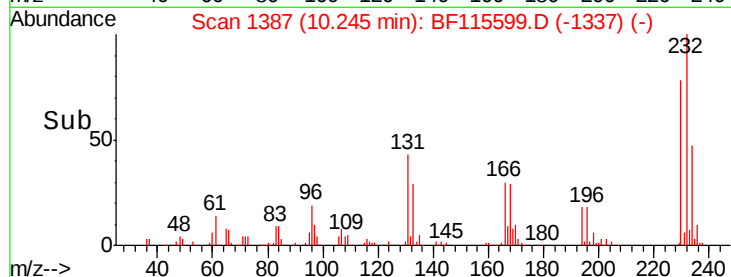
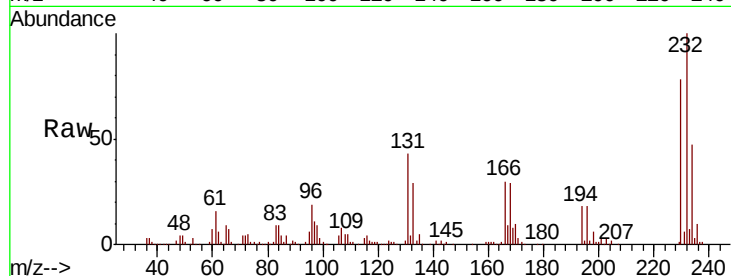
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.494 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	35.9	53.9
130	2.1	1.8	2.6
166	30.2	24.8	37.2

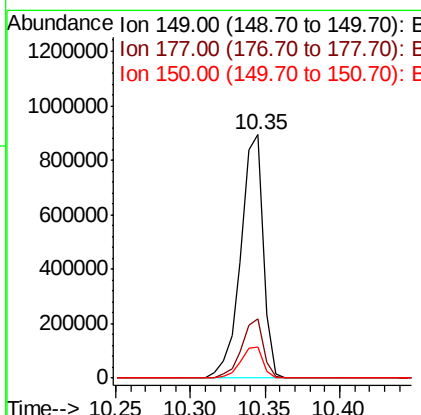
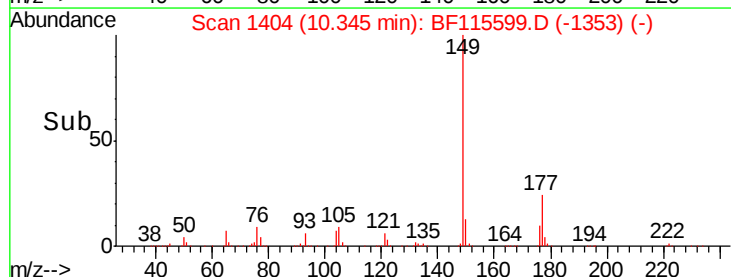
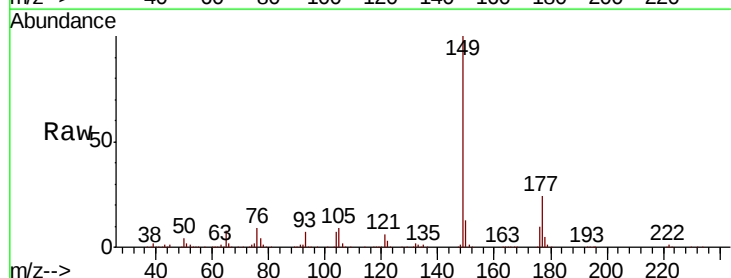
Manual Integrations
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#60
 Diethylphthalate
 Concen: 46.444 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.5	29.3
150	12.7	10.4	15.6





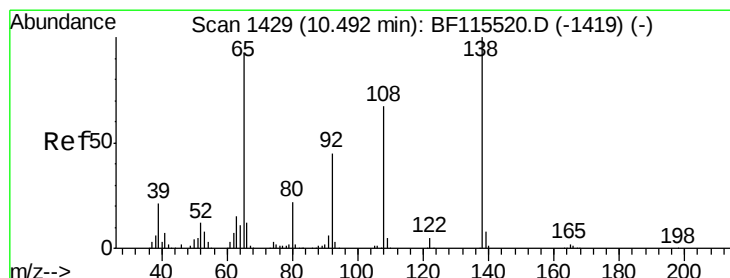
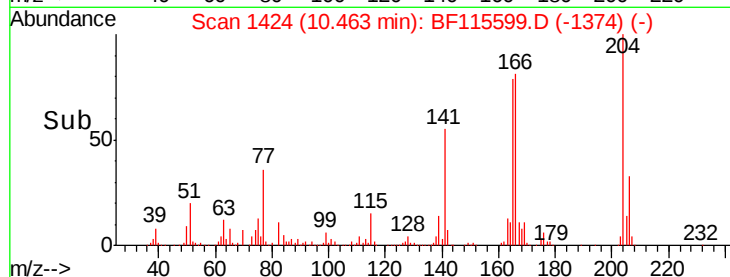
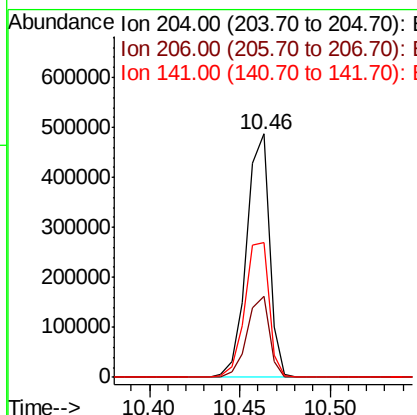
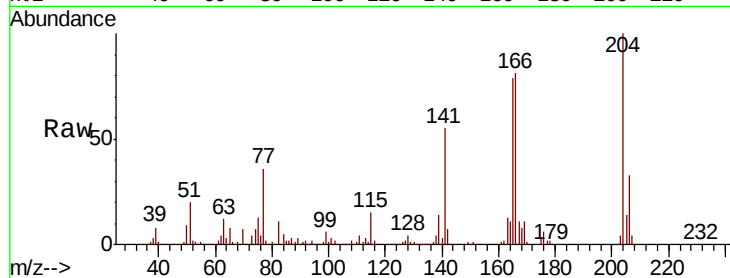
#61
 4-Chlorophenyl-phenylether
 Concen: 42.662 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	55.3	44.2	66.2

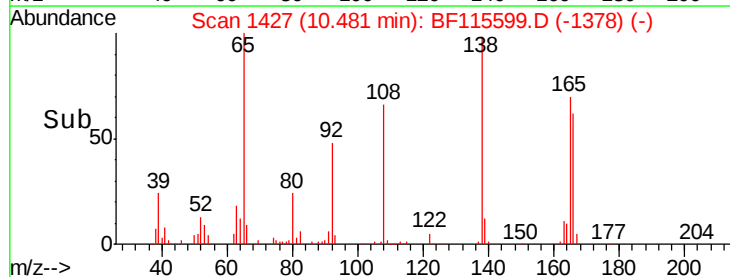
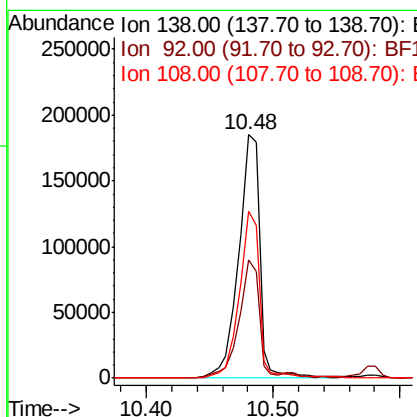
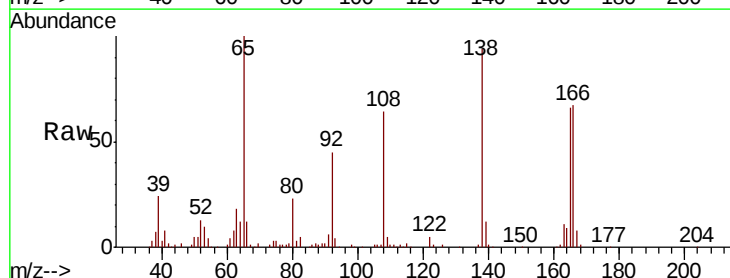
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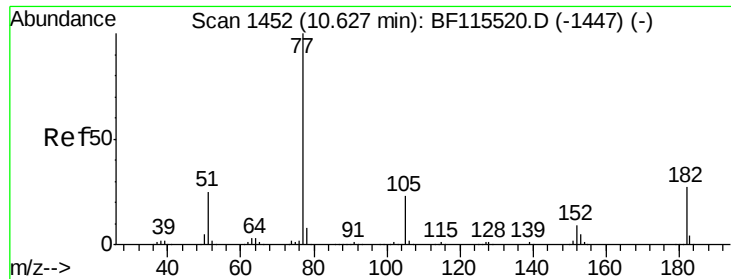
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#62
 4-Nitroaniline
 Concen: 39.801 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.1	67.1
108	68.7	48.0	88.0





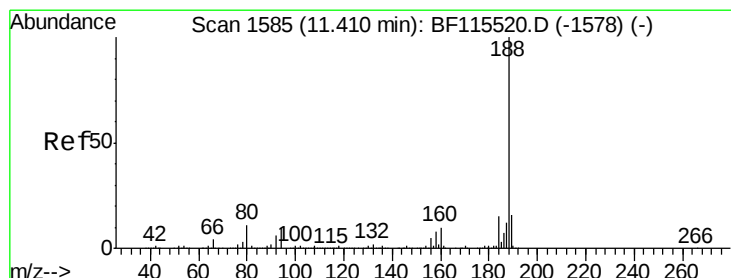
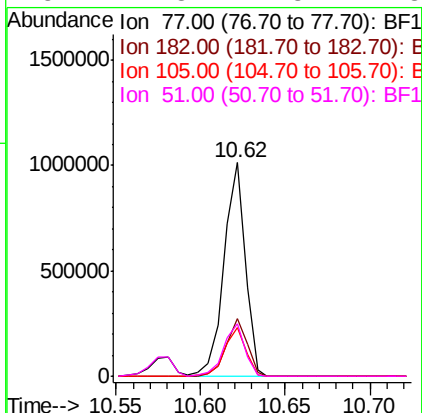
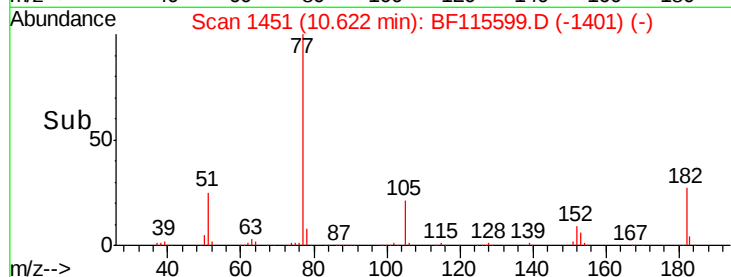
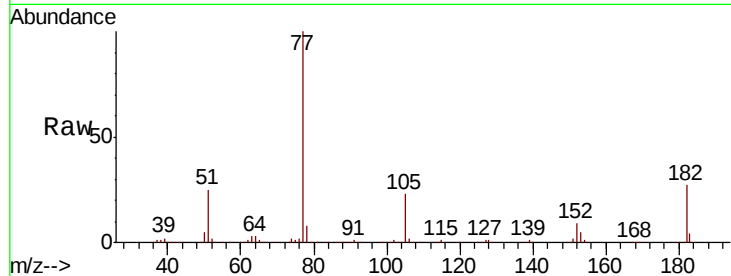
#63
Azobenzene
Concen: 45.399 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		887494		
182	26.9	6.9	46.9		
105	22.8	3.9	43.9		
51	24.8	7.3	47.3		

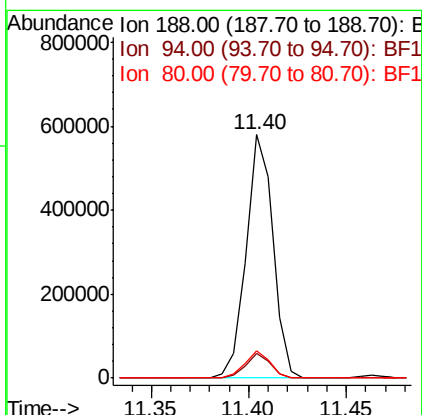
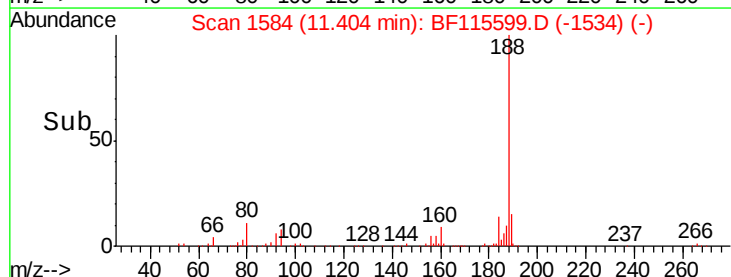
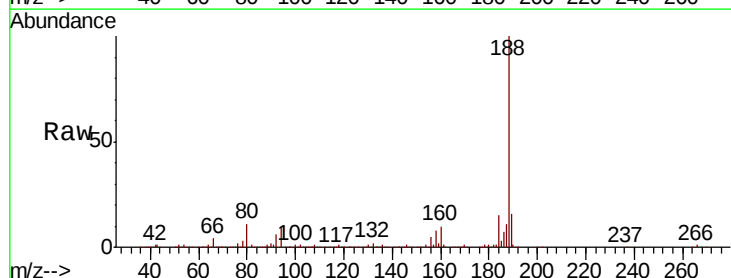
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		553162		
94	10.0	7.8	11.6		
80	11.2	8.6	13.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 29.904 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

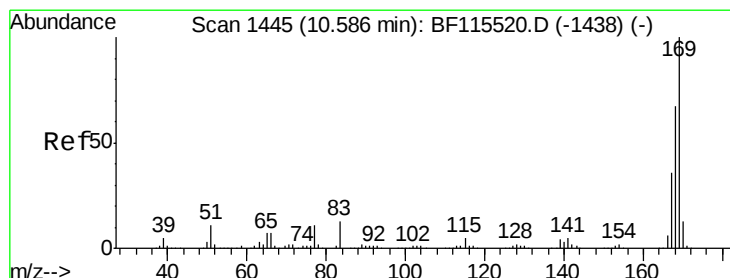
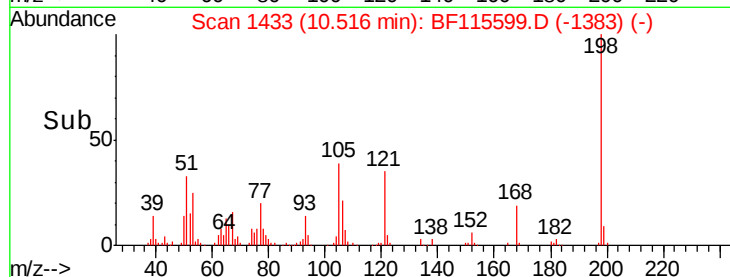
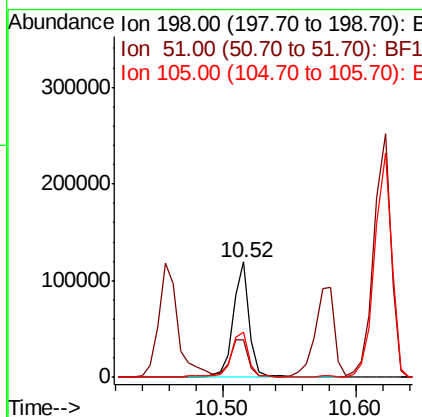
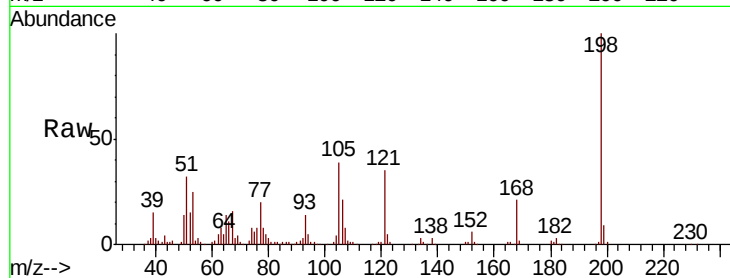
ClientSampleId :

CL-01-071219-AMSD

Tot Ion:	198	Resp:	101066
Ion Ratio	Lower	Upper	
198	100		
51	32.4	19.1	59.1
105	39.3	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 45.304 ng

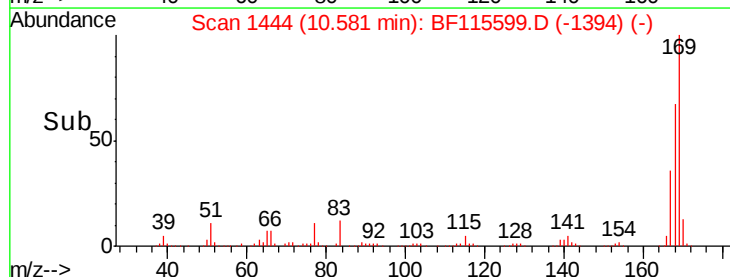
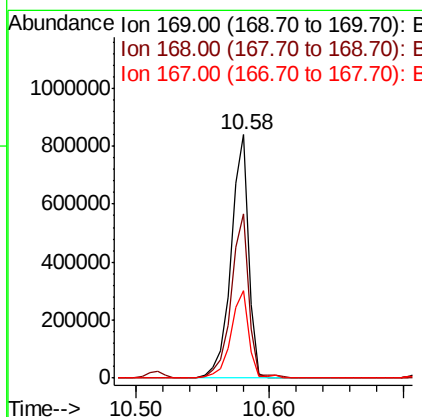
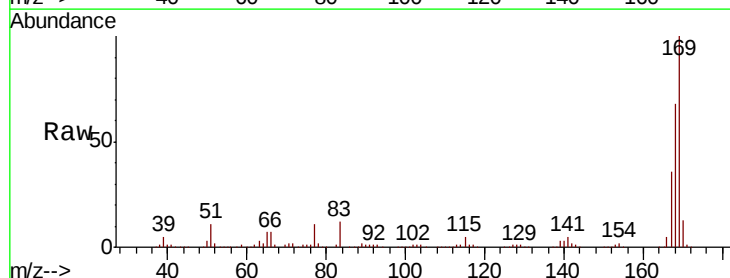
RT: 10.58 min Scan# 1444

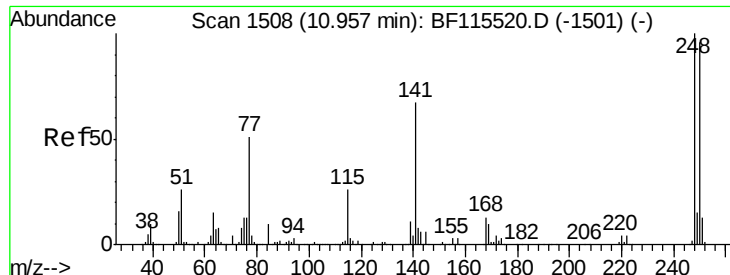
Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	169	Resp:	779535
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.3	81.5
167	36.1	30.2	45.2





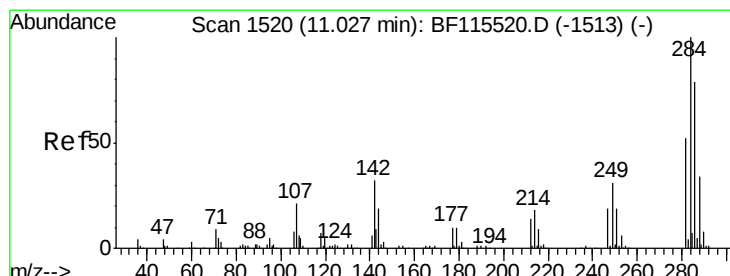
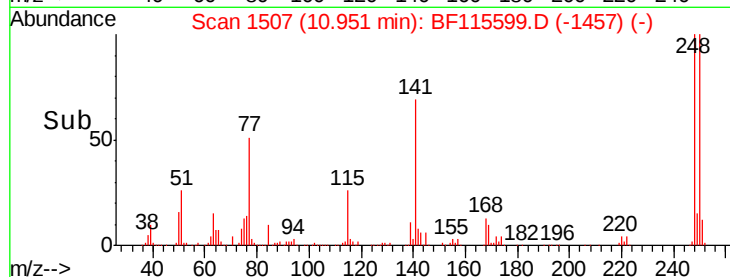
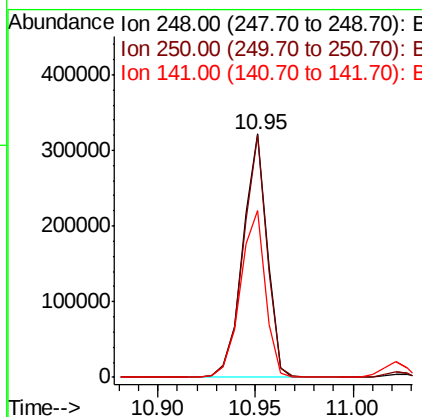
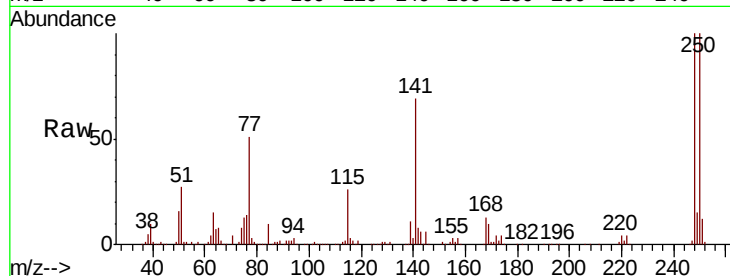
#67
 4-Bromophenyl-phenylether
 Concen: 43.700 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion:	248	Resp:	276244
Ion Ratio	Lower	Upper	
248	100		
250	99.6	78.0	117.0
141	68.5	57.7	86.5

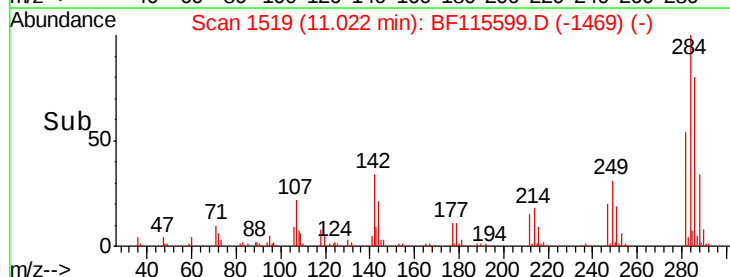
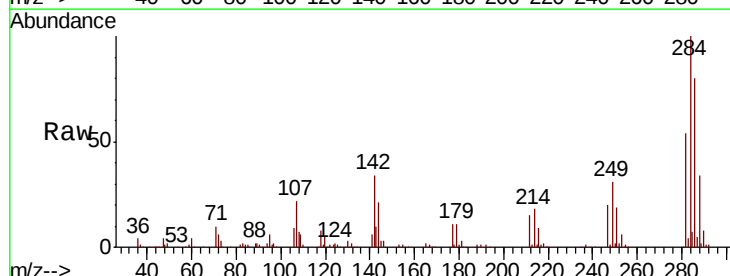
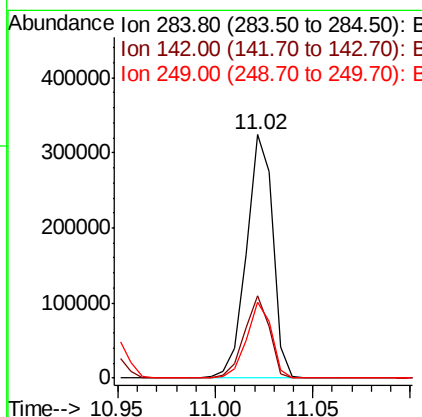
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#68
 Hexachlorobenzene
 Concen: 41.918 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:	284	Resp:	302604
Ion Ratio	Lower	Upper	
284	100		
142	34.0	22.2	33.2#
249	31.3	23.4	35.2





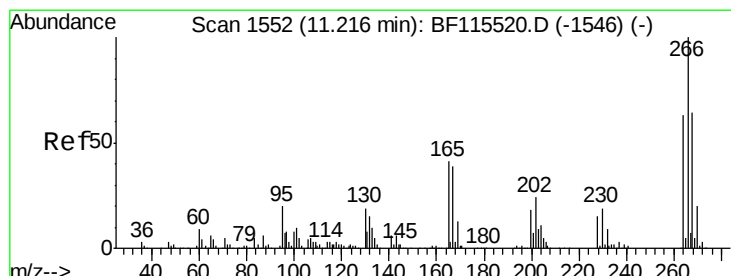
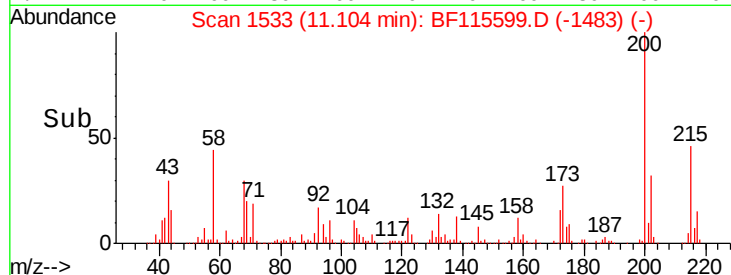
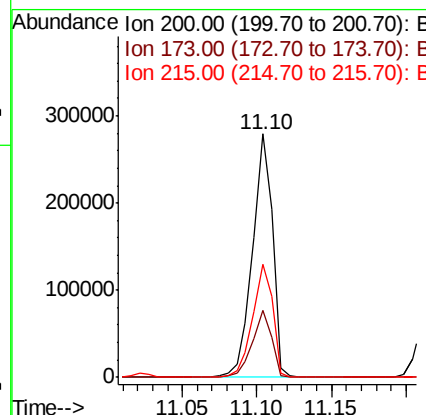
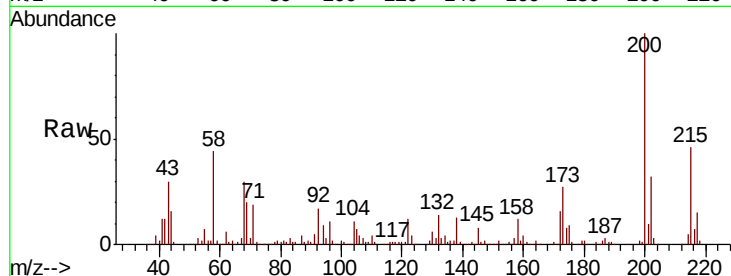
#69
Atrazine
Concen: 45.781 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	258425		
173	27.4	6.9	46.9	
215	46.5	27.9	67.9	

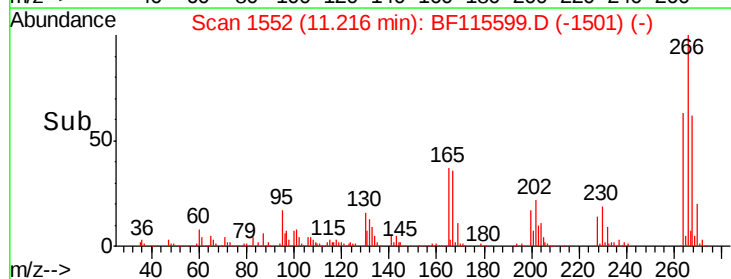
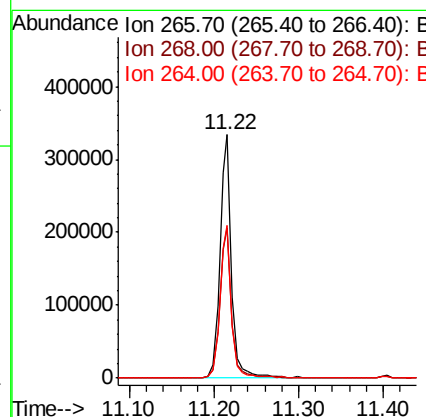
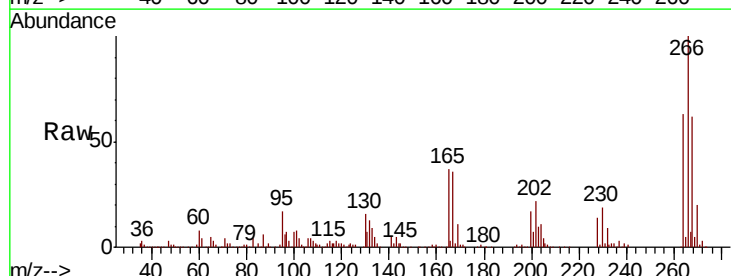
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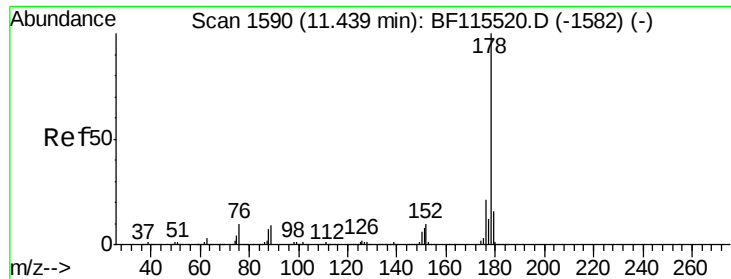
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#70
Pentachlorophenol
Concen: 74.514 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	328999		
268	61.8	51.6	77.4	
264	62.9	50.6	76.0	





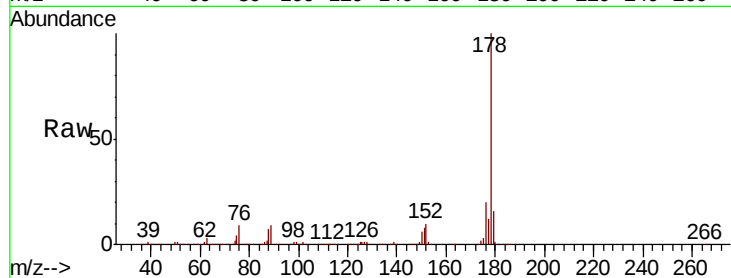
#71
Phenanthrene
Concen: 44.096 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

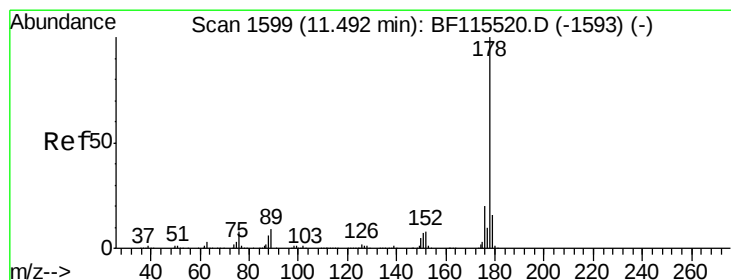
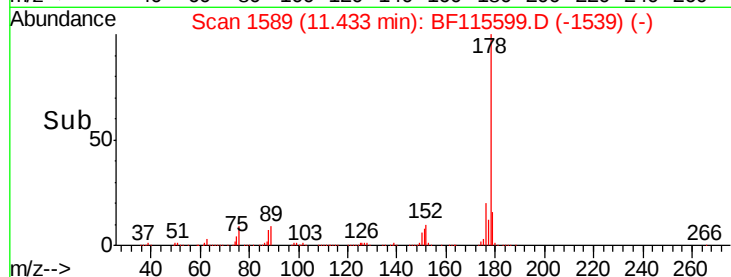
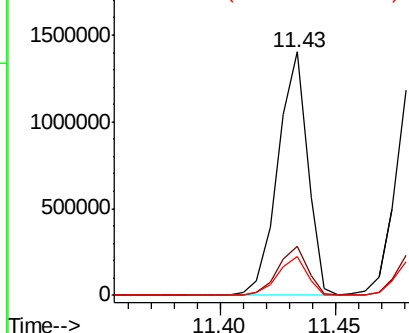
Tot Ion:178 Resp: 1250333
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.9 13.5 20.3

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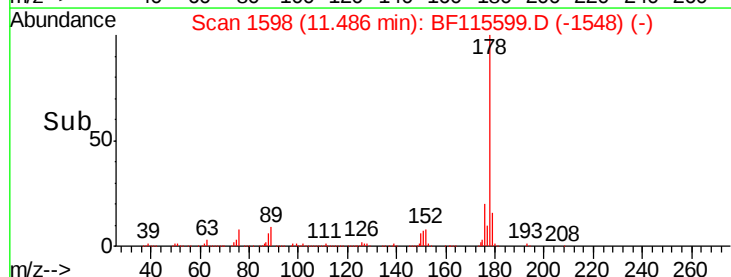
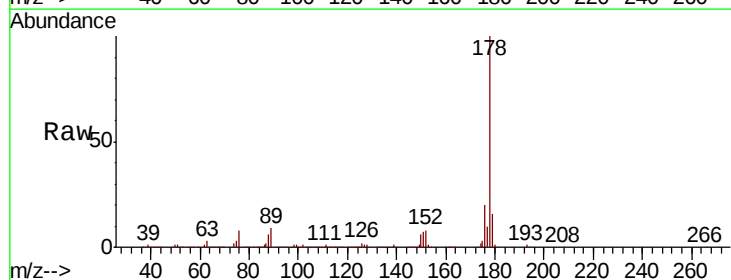
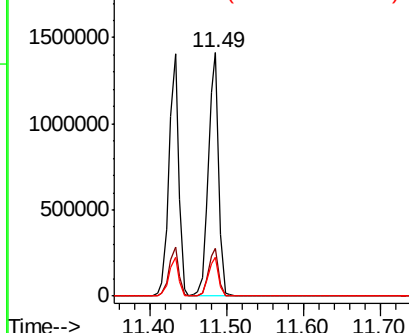
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

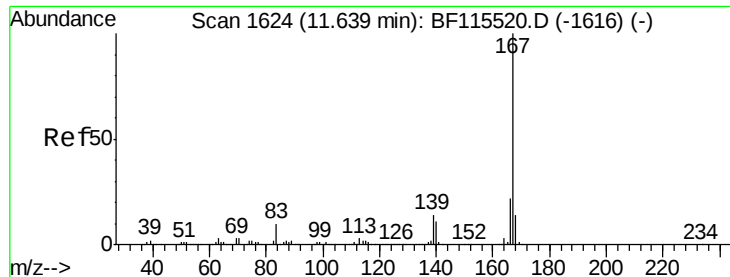


#72
Anthracene
Concen: 43.806 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:178 Resp: 1283665
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 12.7 19.1

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: 44.113 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMSD

Tot Ion:167 Resp: 1133568

Ion Ratio Lower Upper

167 100

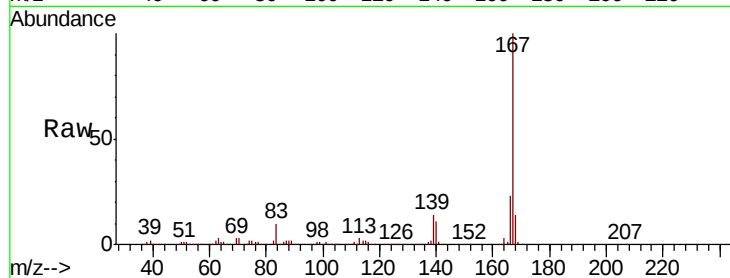
166 22.6 18.1 27.1

139 13.8 11.3 16.9

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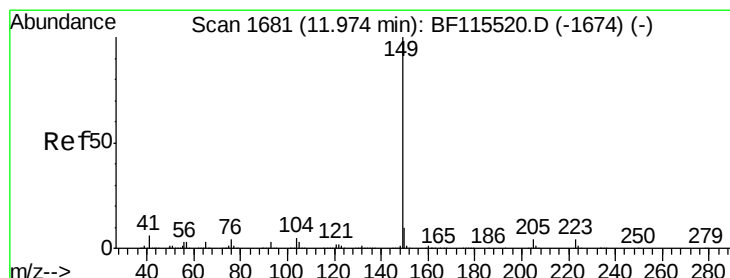
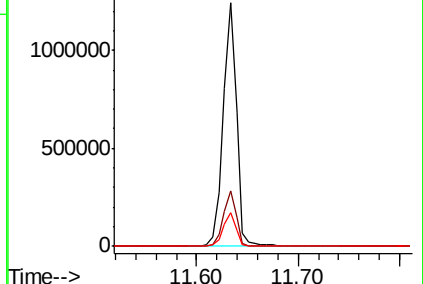
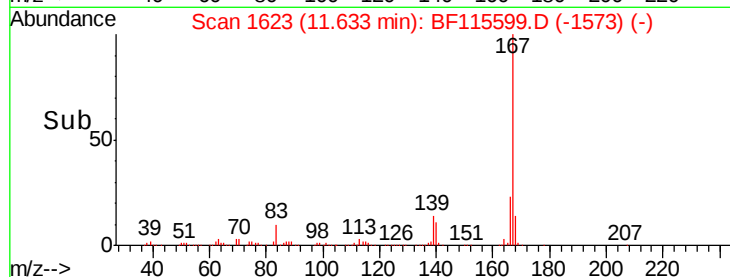
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.311 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

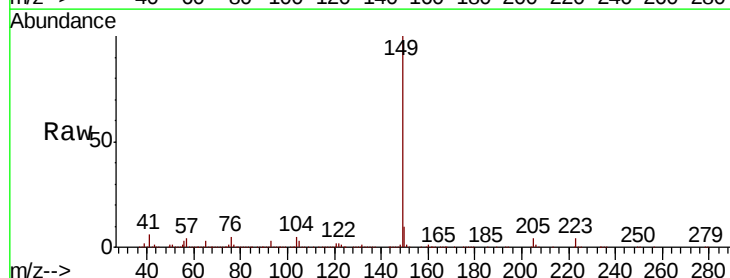
Tgt Ion:149 Resp: 1465882

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

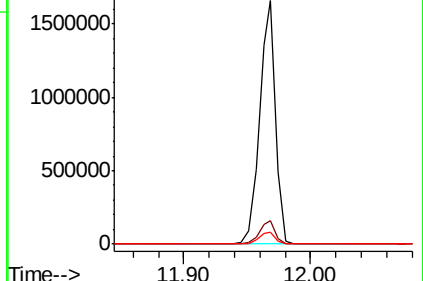
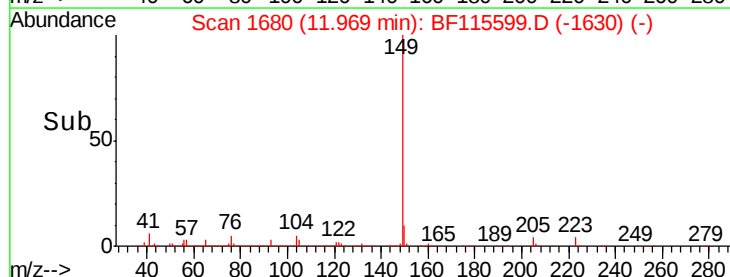
104 5.0 3.8 5.8

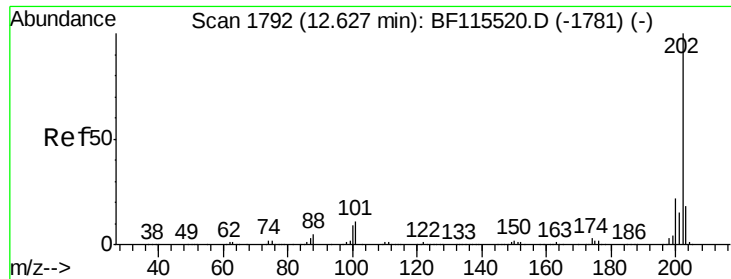


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





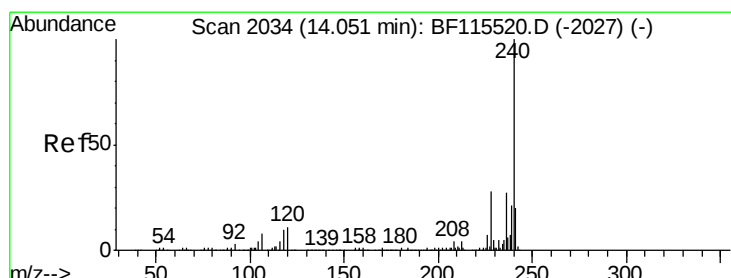
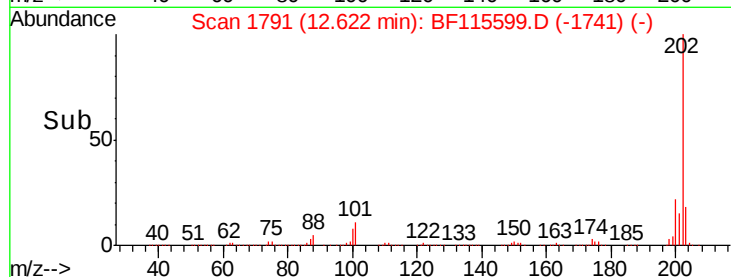
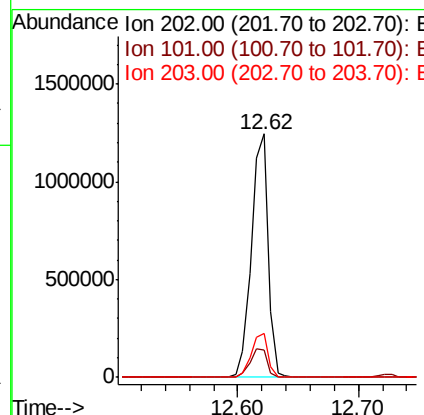
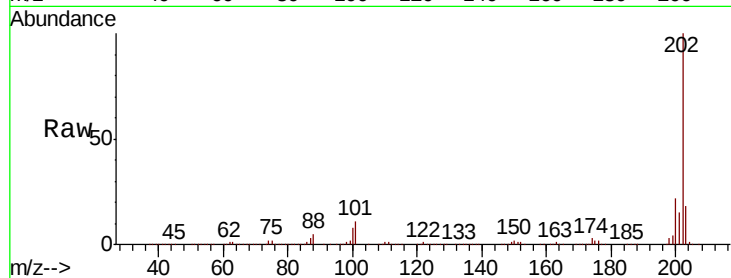
#75
Fluoranthene
Concen: 40.394 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	18.2	0.0	38.1

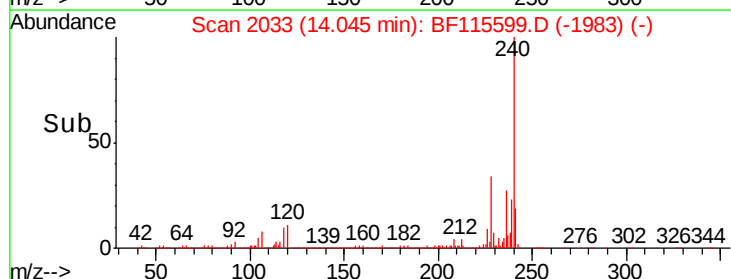
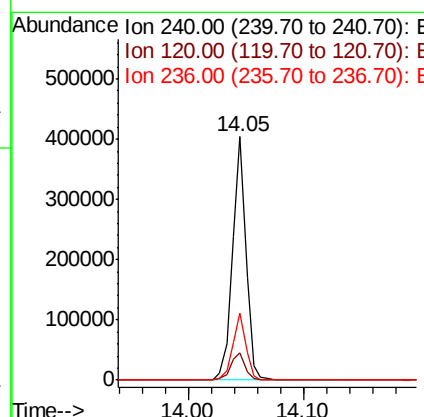
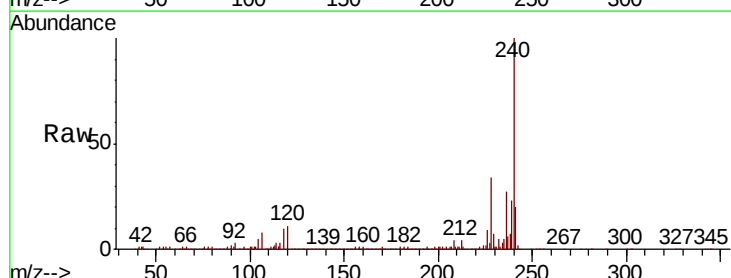
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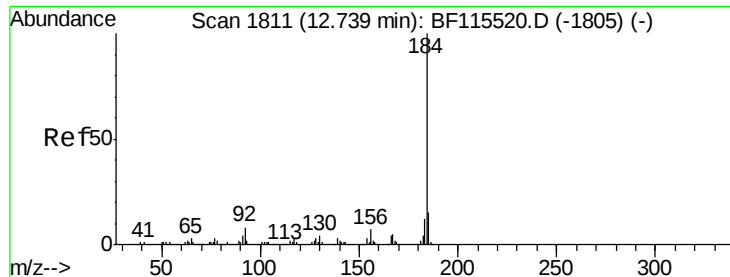
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	27.3	21.3	31.9





#77

Benzidine

Concen: 14.592 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

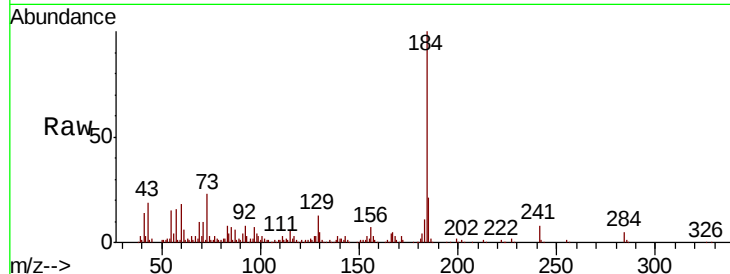
ClientSampleId :

CL-01-071219-AMSD

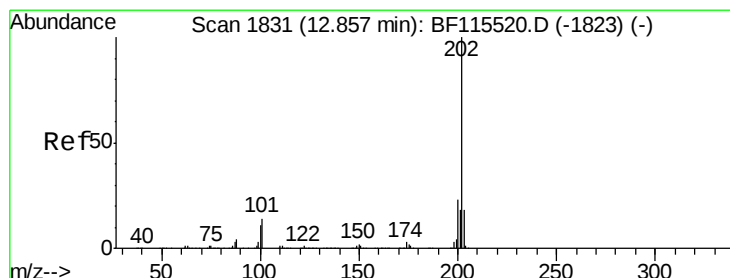
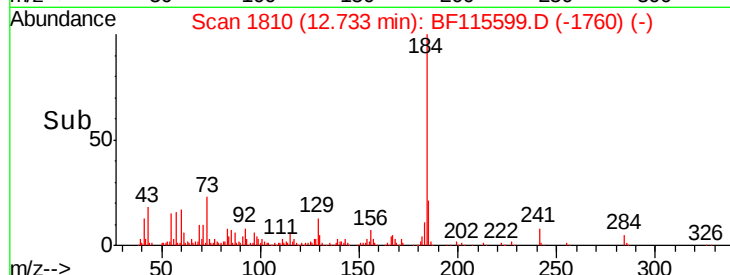
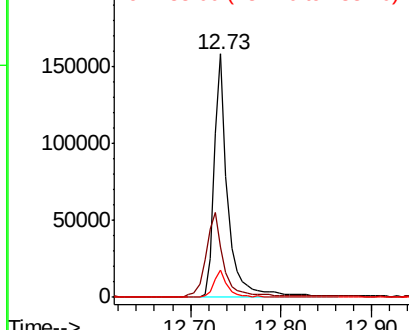
Tot Ion:	184	Resp:	169141
Ion Ratio	Lower	Upper	
184	100		
185	20.6	12.0	18.0#
183	11.3	9.3	13.9

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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: 43.045 ng

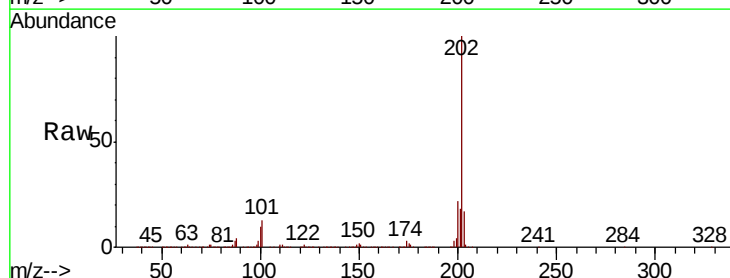
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

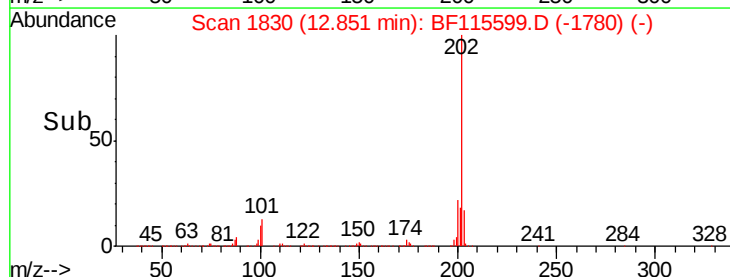
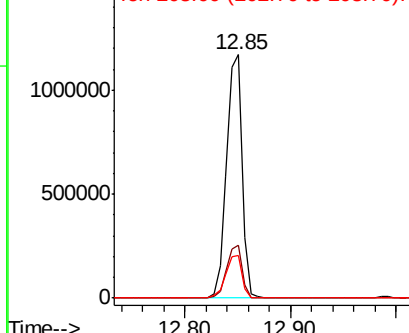
Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	202	Resp:	1193312
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.7	28.1
203	17.5	15.2	22.8



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





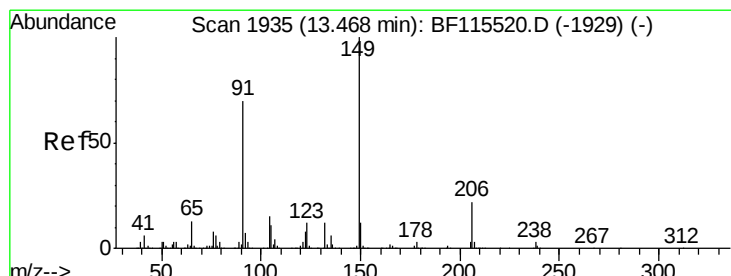
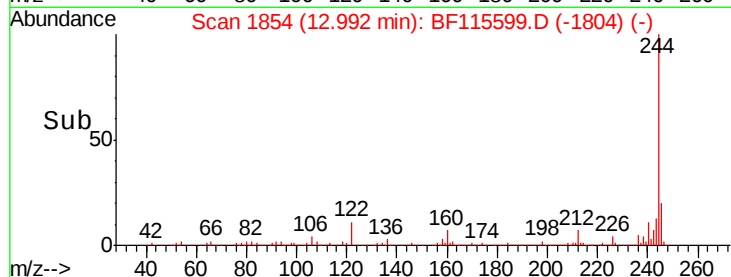
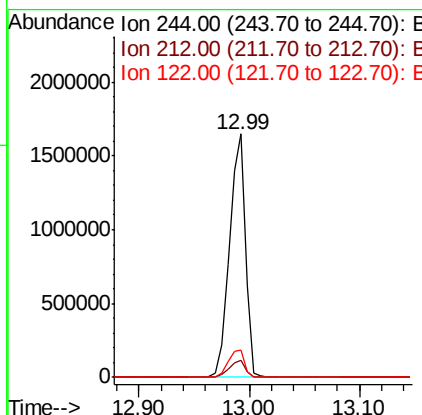
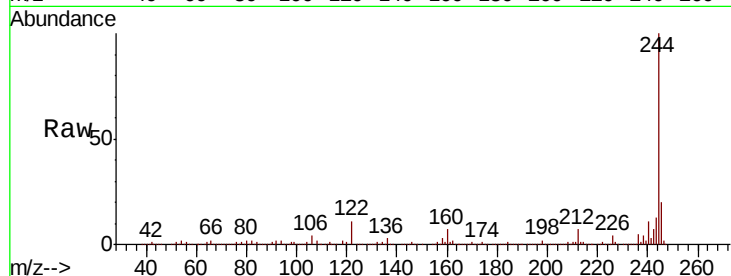
#79
 Terphenyl-d14
 Concen: 94.709 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-AMSD

Tot Ion:244 Resp: 1679515
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.0 8.6 12.8

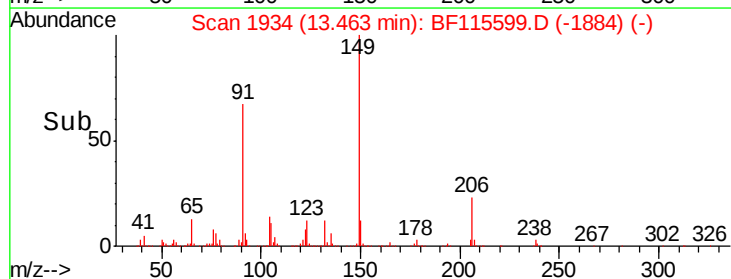
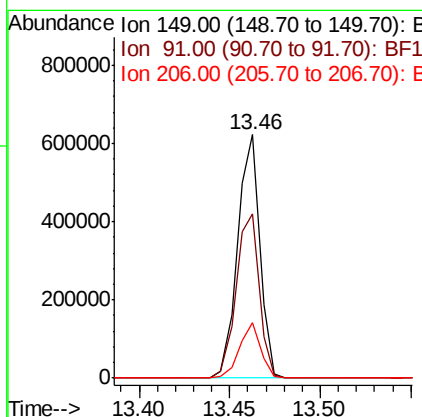
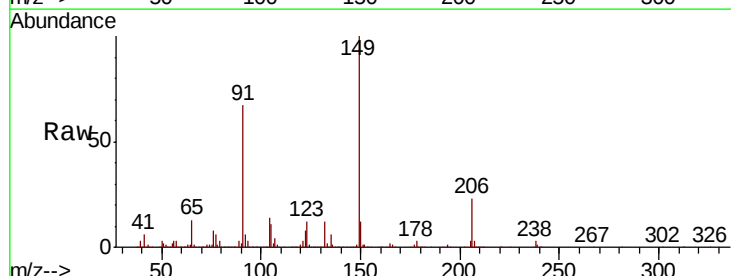
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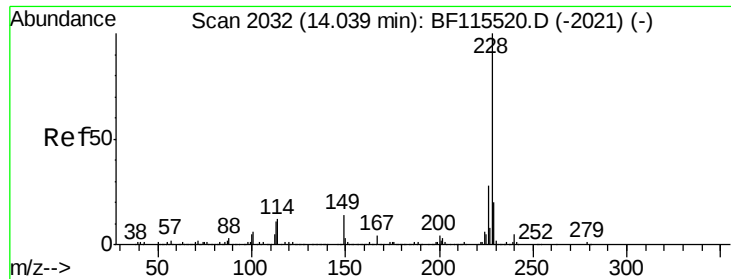
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#80
 Butylbenzylphthalate
 Concen: 44.985 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:149 Resp: 531631
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.8 83.8
 206 22.6 18.2 27.2





#81

Benzo(a)anthracene

Concen: 43.032 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

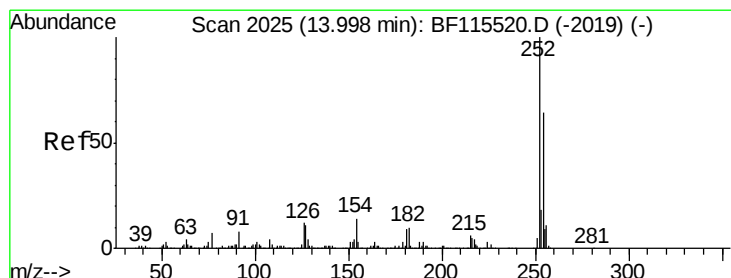
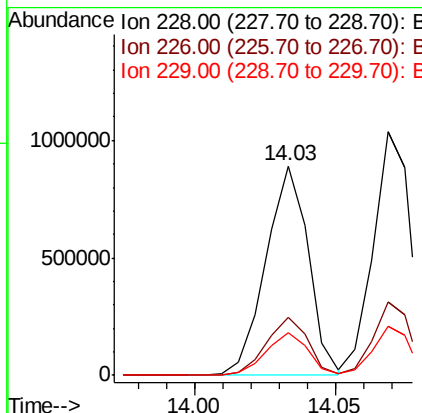
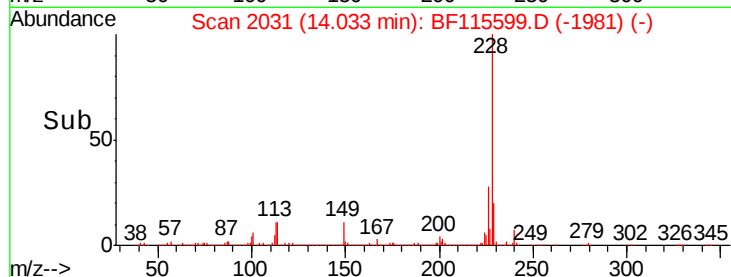
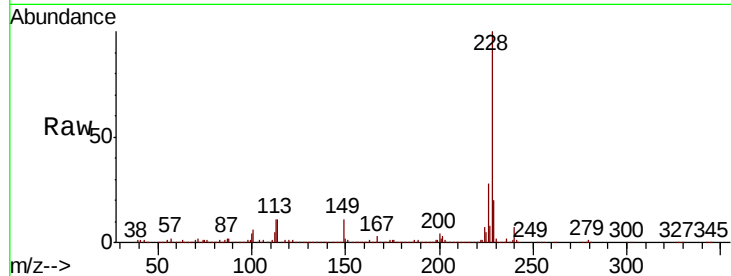
ClientSampleId :

CL-01-071219-AMSD

Tot Ion:	228	Resp:	927634
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.4	35.0
229	20.4	17.2	25.8

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#82

3,3'-Dichlorobenzidine

Concen: 26.969 ng

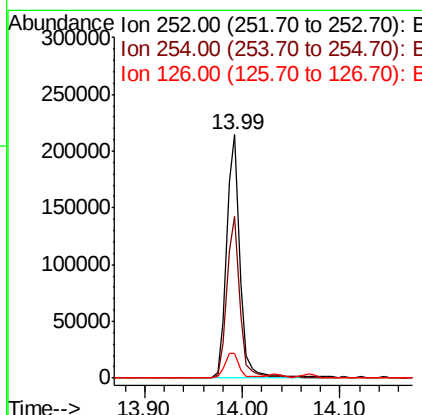
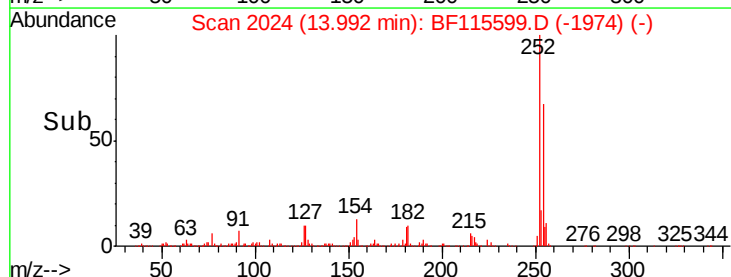
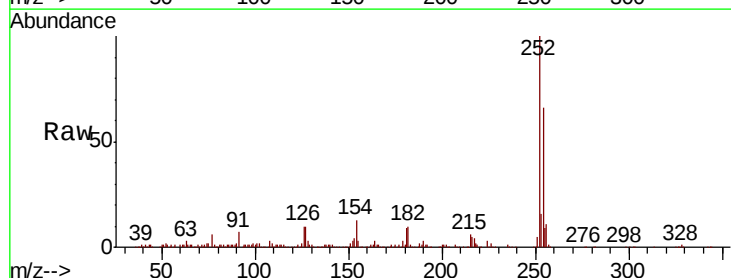
RT: 13.99 min Scan# 2024

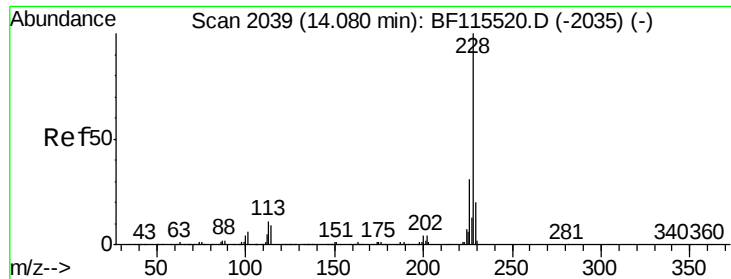
Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:	252	Resp:	206670
Ion Ratio	Lower	Upper	
252	100		
254	66.4	52.9	79.3
126	10.1	9.9	14.9





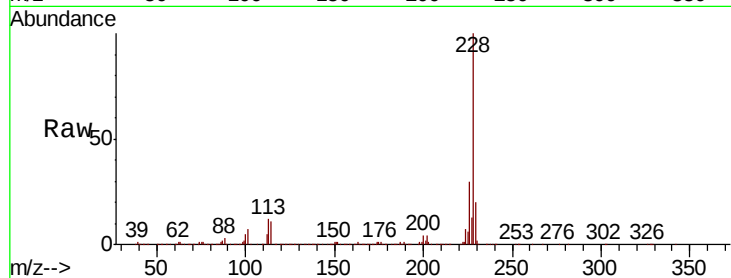
#83
Chrysene
Concen: 44.276 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

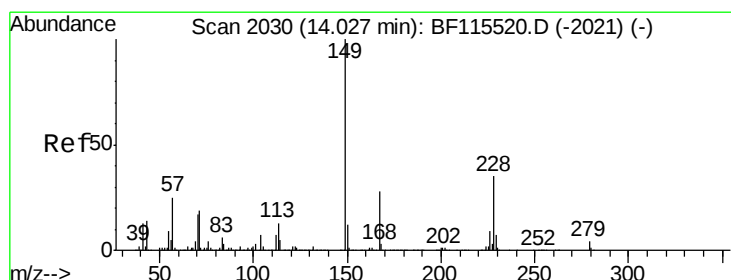
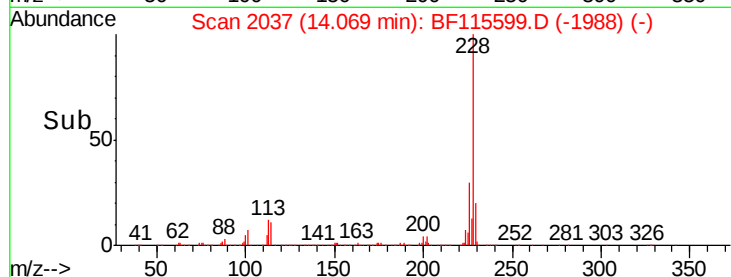
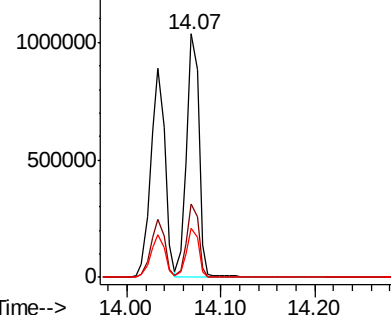
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	20.4	16.6	25.0

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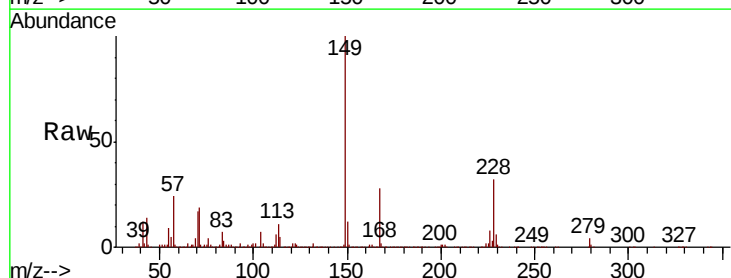


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

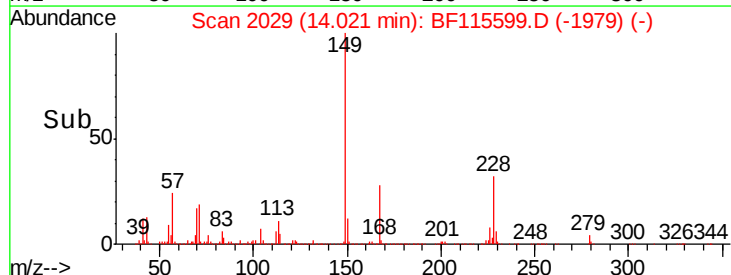
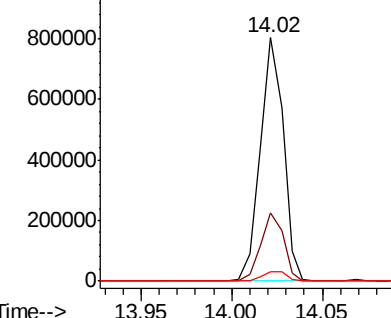


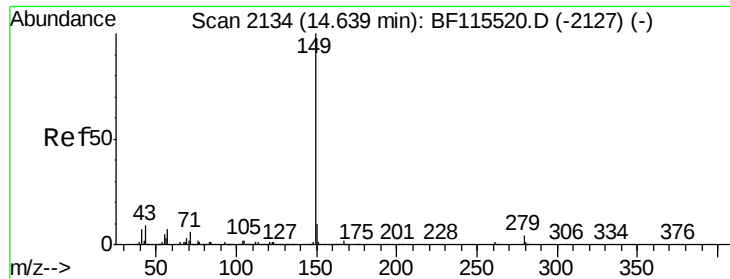
#84
Bis(2-ethylhexyl)phthalate
Concen: 48.451 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	4.1	4.2	6.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.046 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMSD

Tot Ion:149 Resp: 1165638

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

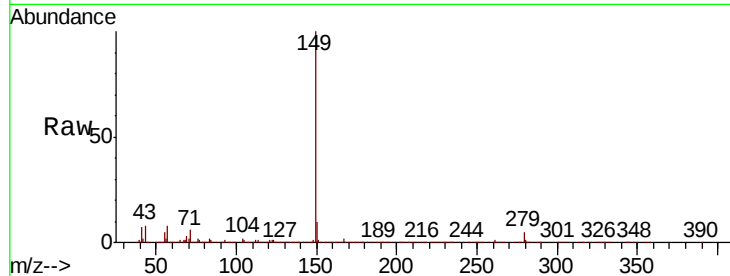
43 8.3 7.2 10.8

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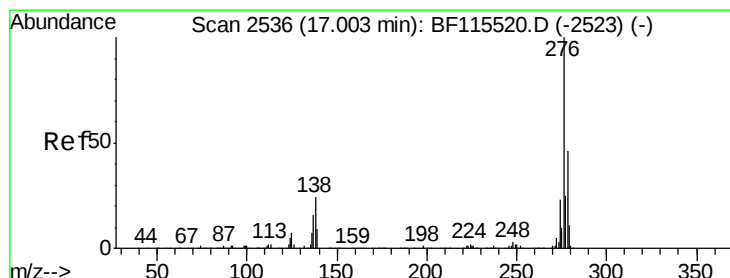
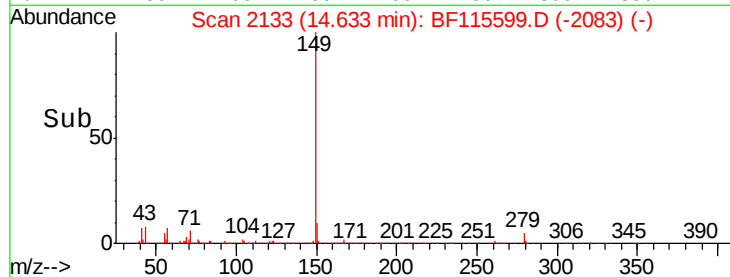
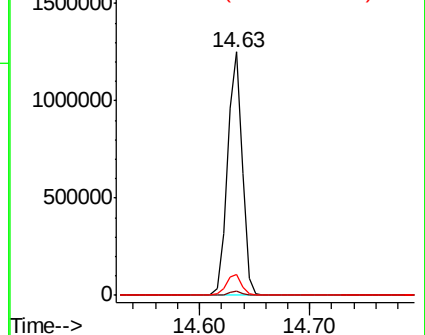
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.798 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

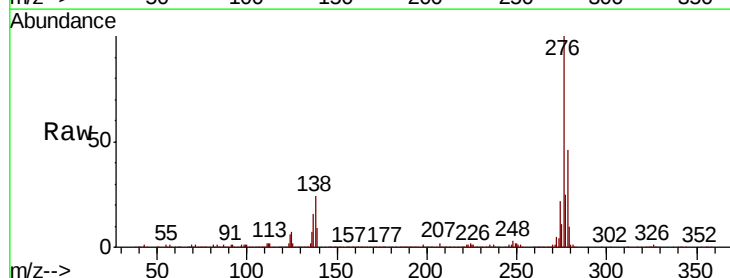
Tgt Ion:276 Resp: 1062616

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.2

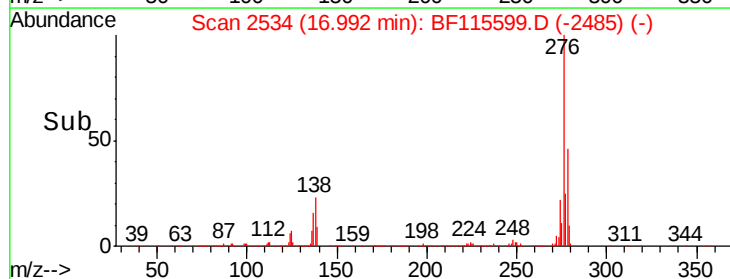
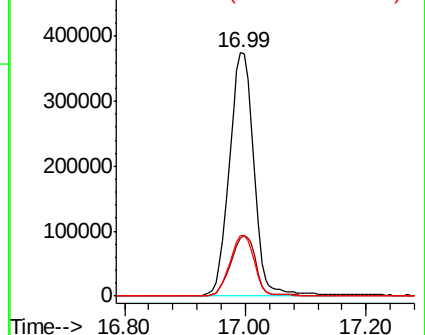
277 25.7 20.4 30.6

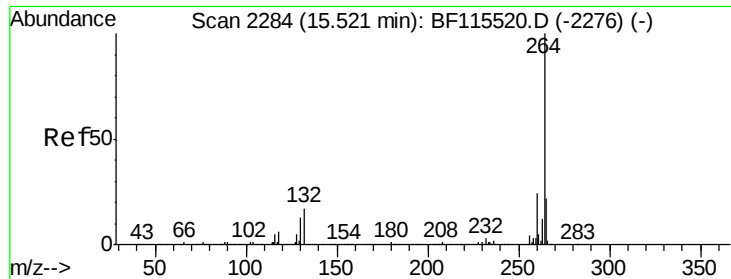


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

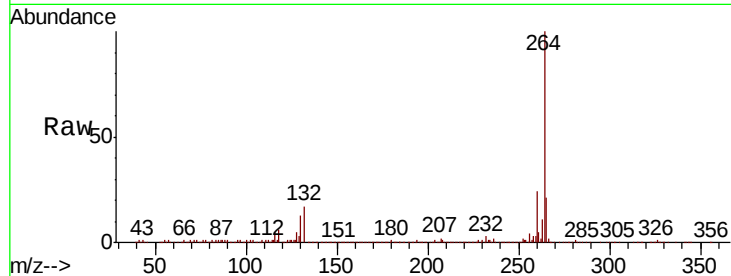
ClientSampleId :

CL-01-071219-AMSD

Tot Ion:	264	Resp:	397019
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.8	29.8
265	21.4	17.7	26.5

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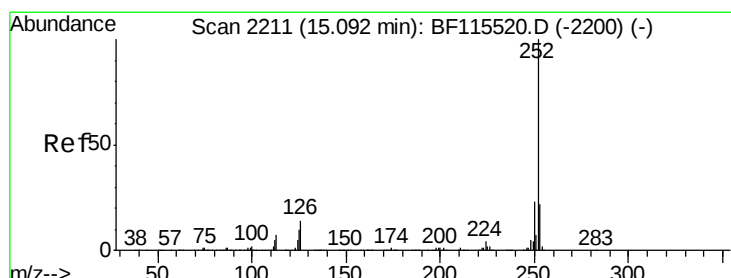
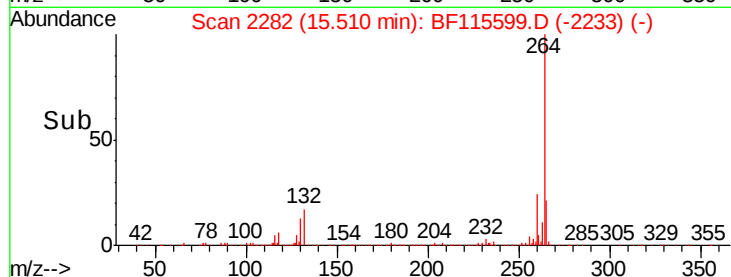
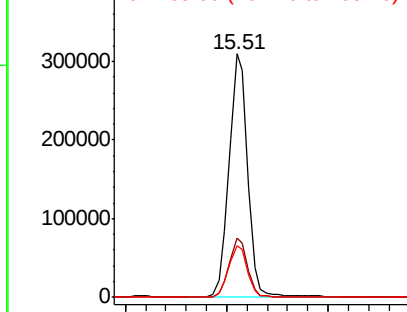


Abundance

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: 40.518 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

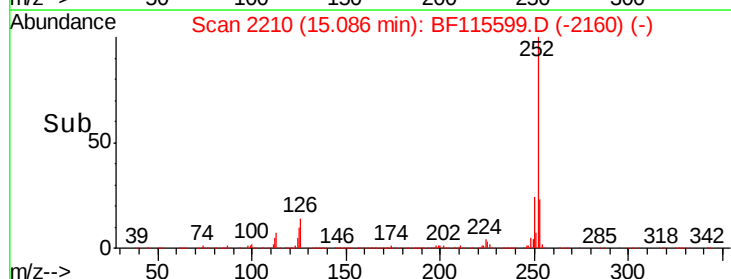
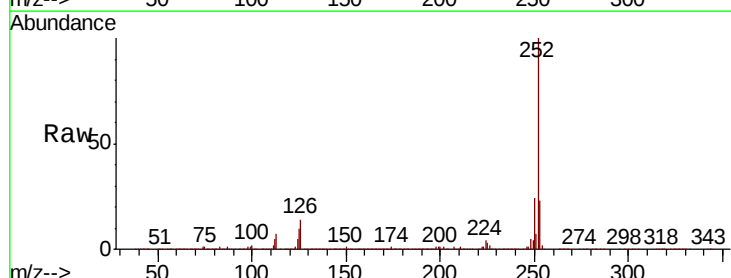
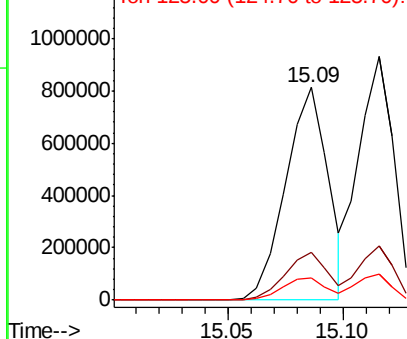
Tgt Ion:	252	Resp:	1035841
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	10.4	9.0	13.4

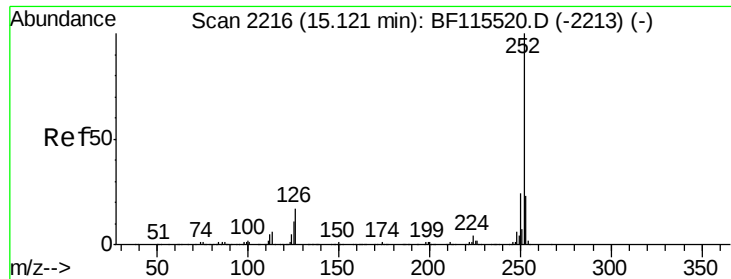
Abundance

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





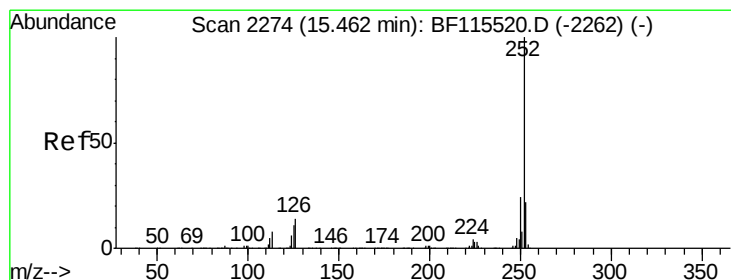
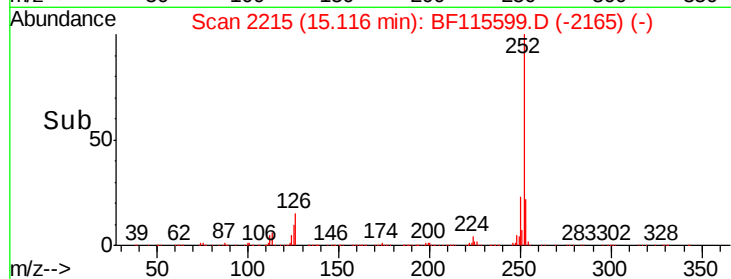
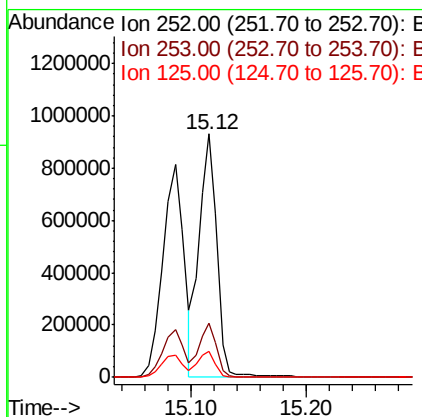
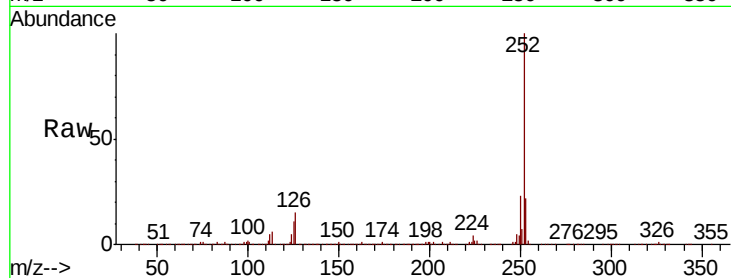
#89
Benzo(k)fluoranthene
Concen: 43.967 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	10.5	9.0	13.6

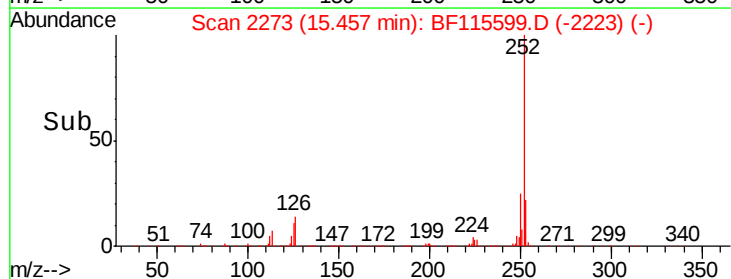
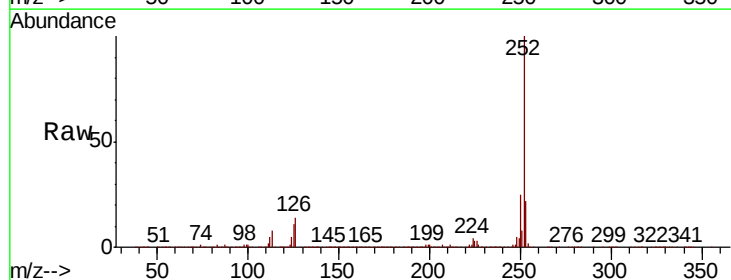
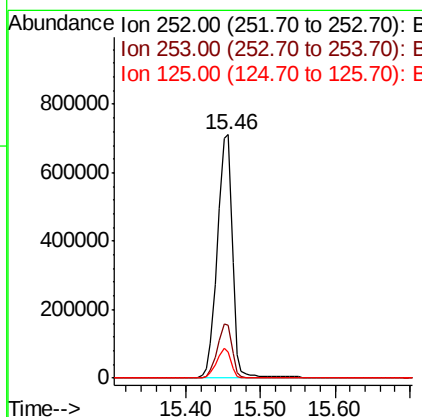
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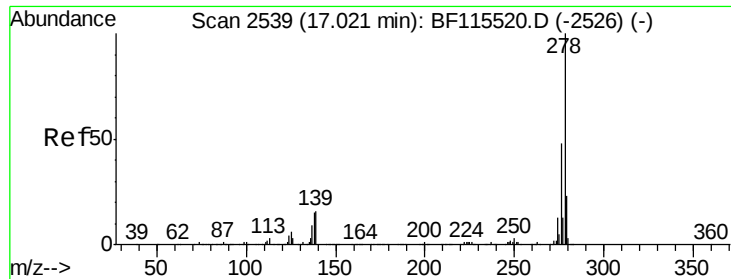
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#90
Benzo(a)pyrene
Concen: 45.020 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	9.1	13.7





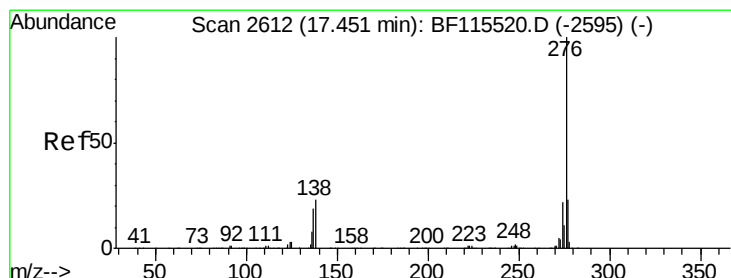
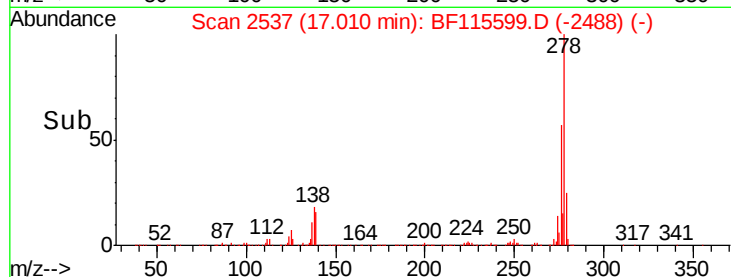
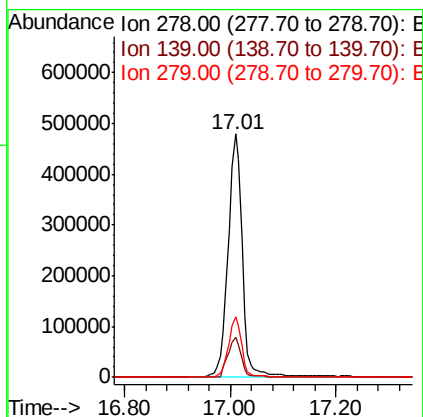
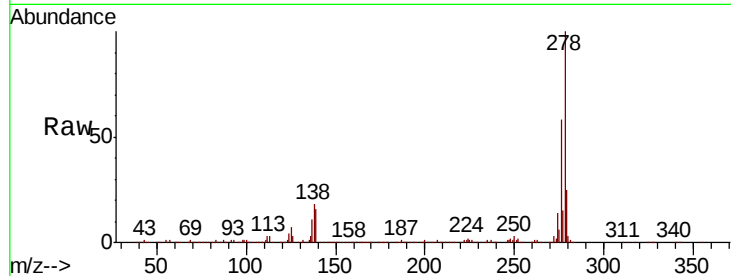
#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	25.1	19.6	29.4

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#92
Benzo(g,h,i)perylene
Concen: 44.050 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.2	17.2	25.8

