

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115598.D
 Acq On : 16 Jul 2019 15:42
 Operator : HP/JU
 Sample : K3620-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

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

Quant Time: Jul 17 04:36:41 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	170777	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	574511	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	282242	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	519905	20.00	ng	0.00
76) Chrysene-d12	14.04	240	308879	20.00	ng	0.00
87) Perylene-d12	15.52	264	409146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1078490	103.30	ng	0.02
7) Phenol-d6	6.52	99	1306891	98.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	844122	85.43	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	401886	121.99	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1588779	98.53	ng	0.00
79) Terphenyl-d14	12.99	244	1563507	93.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	167830	32.226	ng	# 86
3) Pyridine	3.55	79	362276	25.639	ng	98
4) n-Nitrosodimethylamine	3.47	42	184867	36.065	ng	98
6) Aniline	6.55	93	179124	9.716	ng	99
8) 2-Chlorophenol	6.67	128	457317	38.098	ng	97
9) Benzaldehyde	6.43	77	199306	24.075	ng	100
10) Phenol	6.53	94	466568	30.338	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	443668	37.892	ng	100
12) 1,3-Dichlorobenzene	6.83	146	478786	35.476	ng	99
13) 1,4-Dichlorobenzene	6.90	146	494946	36.756	ng	97
14) 1,2-Dichlorobenzene	7.06	146	453988	36.881	ng	97
15) Benzyl Alcohol	7.02	79	393769	37.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	504930	32.756	ng	97
17) 2-Methylphenol	7.13	107	334764	32.361	ng	100
18) Hexachloroethane	7.40	117	153444	30.701	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	278642	32.250	ng	98
20) 3+4-Methylphenols	7.29	107	386994	31.495	ng	# 86
22) Acetophenone	7.29	105	553433	42.641	ng	# 92
24) Nitrobenzene	7.46	77	424975	39.878	ng	98
25) Isophorone	7.70	82	775307	39.215	ng	100
26) 2-Nitrophenol	7.78	139	217947	39.733	ng	95
27) 2,4-Dimethylphenol	7.82	122	337801	41.159	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	474516	39.123	ng	99
29) 2,4-Dichlorophenol	8.02	162	348626	40.844	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	376828	39.056	ng	98
31) Naphthalene	8.19	128	1147018	41.224	ng	97
32) Benzoic acid	7.92	122	136633	20.286	ng	99
33) 4-Chloroaniline	8.23	127	85344	6.925	ng	97
34) Hexachlorobutadiene	8.31	225	215208	38.896	ng	99
35) Caprolactam	8.60	113	84948m	32.207	ng	
36) 4-Chloro-3-methylphenol	8.72	107	371268	41.932	ng	100
37) 2-Methylnaphthalene	8.88	142	778504	42.210	ng	97
38) 1-Methylnaphthalene	8.98	142	727551	41.531	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	358499	42.180	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	280114	57.775	nq	97
43) 2,4,6-Trichlorophenol	9.16	196	253836	40.839	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	278848	43.807	nq	99
46) 1,1'-Biphenyl	9.35	154	970542	43.985	nq	98
47) 2-Chloronaphthalene	9.37	162	762795	41.518	nq	98
48) 2-Nitroaniline	9.46	65	229969	40.440	nq	99
49) Acenaphthylene	9.79	152	1174494	43.142	nq	97
50) Dimethylphthalate	9.64	163	913603	43.023	nq	99
51) 2,6-Dinitrotoluene	9.70	165	209052	43.320	nq	98
52) Acenaphthene	9.96	154	750088	42.676	nq	99
53) 3-Nitroaniline	9.86	138	76923	13.949	nq	99
54) 2,4-Dinitrophenol	9.97	184	103340	41.709	nq	97
55) Dibenzofuran	10.13	168	1042886	41.782	nq	99
56) 4-Nitrophenol	10.03	139	300956	71.567	nq	96
57) 2,4-Dinitrotoluene	10.10	165	276456	44.218	nq	96
58) Fluorene	10.47	166	782030	43.826	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	228279	42.901	nq	98
60) Diethylphthalate	10.34	149	877753	44.116	nq	97
61) 4-Chlorophenyl-phenylether	10.46	204	404214	40.849	nq	100
62) 4-Nitroaniline	10.48	138	192594	36.409	nq	97
63) Azobenzene	10.62	77	835335	43.285	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	84148	26.491	nq	91
66) n-Nitrosodiphenylamine	10.58	169	722721	44.689	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	253631	42.690	nq	96
68) Hexachlorobenzene	11.02	284	281216	41.447	nq	94
69) Atrazine	11.10	200	235033	44.300	nq	98
70) Pentachlorophenol	11.22	266	304094	73.279	nq	98
71) Phenanthrene	11.43	178	1146373	43.016	nq	97
72) Anthracene	11.49	178	1170971	42.516	nq	99
73) Carbazole	11.63	167	1014956	42.024	nq	99
74) Di-n-butylphthalate	11.97	149	1288198	43.301	nq	100
75) Fluoranthene	12.62	202	1138382	40.423	nq	99
77) Benzidine	12.73	184	169272	15.470	nq	# 62
78) Pyrene	12.84	202	1096834	41.913	nq	97
80) Butylbenzylphthalate	13.46	149	474439	42.528	nq	98
81) Benzo(a)anthracene	14.03	228	861076	42.315	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	166635	23.035	nq	98
83) Chrysene	14.07	228	880575	43.107	nq	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	627530	45.412	nq	98
85) Di-n-octyl phthalate	14.63	149	1071419	48.731	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1072972	61.825	nq	99
88) Benzo(b)fluoranthene	15.09	252	942403	35.771	nq	98
89) Benzo(k)fluoranthene	15.12	252	917776	39.073	nq	100
90) Benzo(a)pyrene	15.46	252	963924	42.569	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	874278	43.980	nq	100
92) Benzo(g,h,i)perylene	17.44	276	858024	43.278	nq	100

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

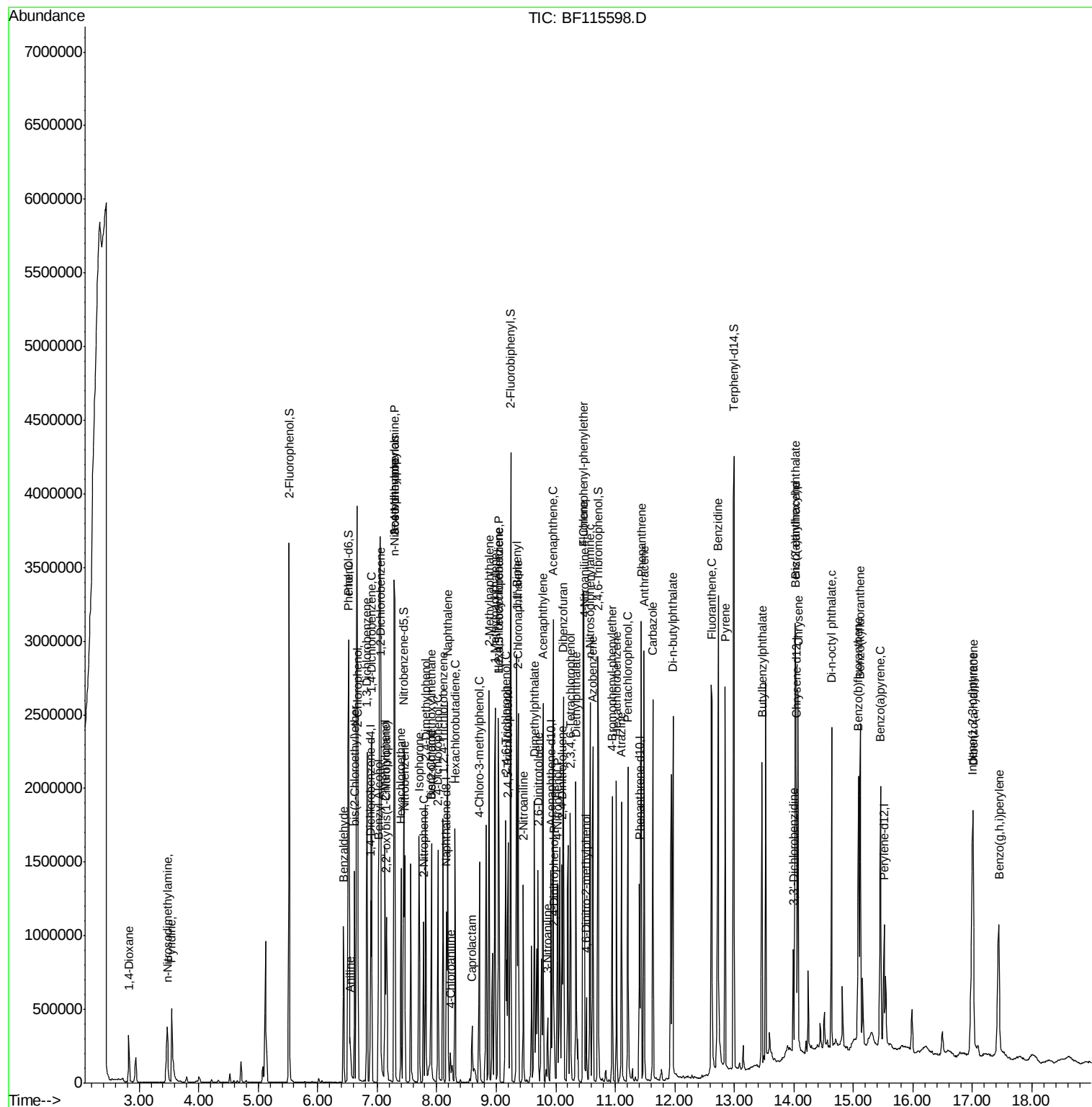
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#1

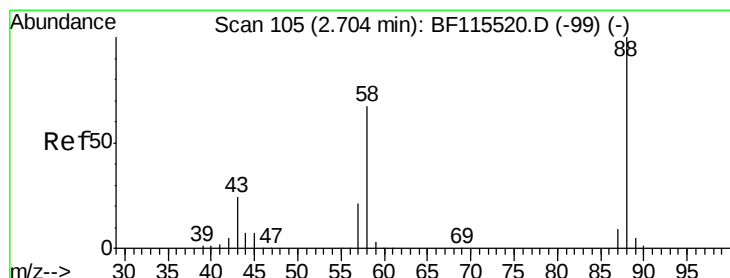
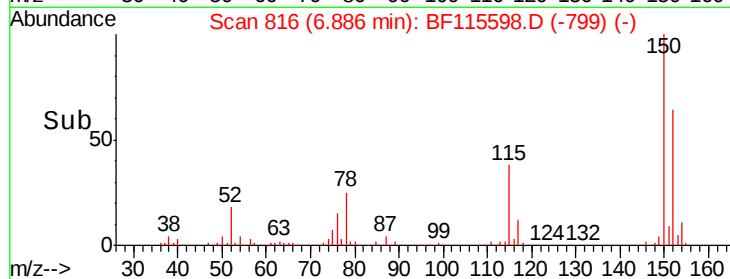
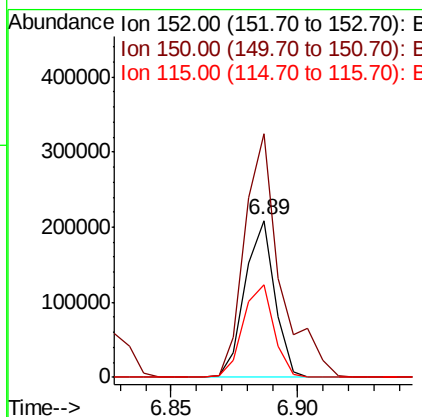
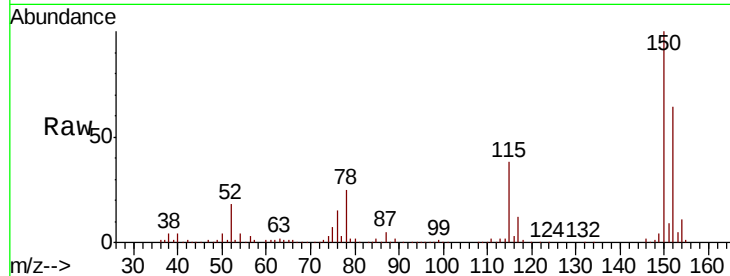
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	129.7	194.5
115	59.3	48.2	72.4

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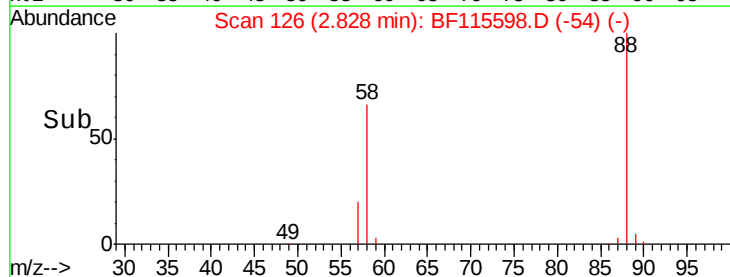
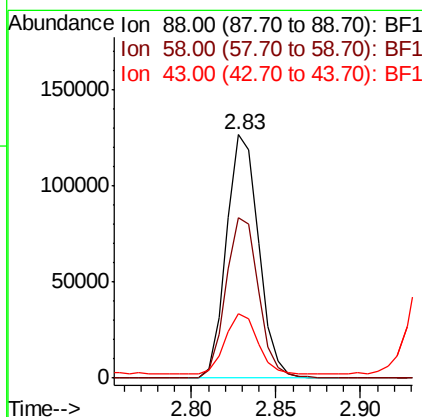
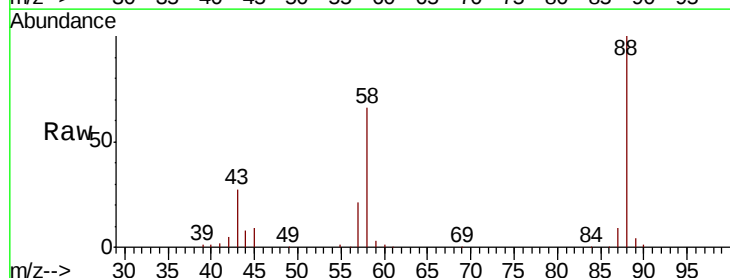
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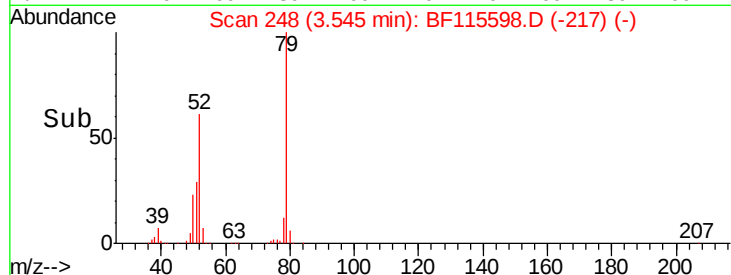
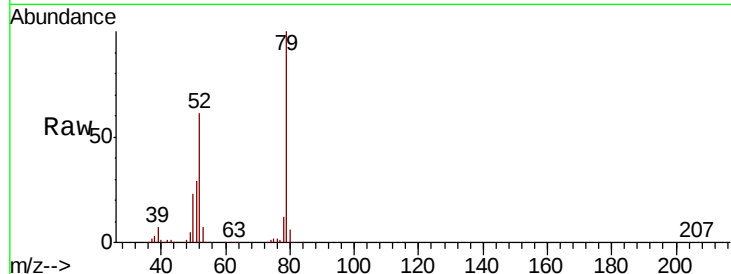
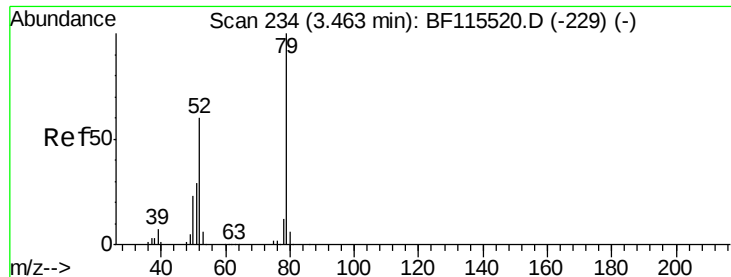


#2

1,4-Dioxane
Concen: 32.226 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.6	79.0
43	0.0	19.1	28.7#





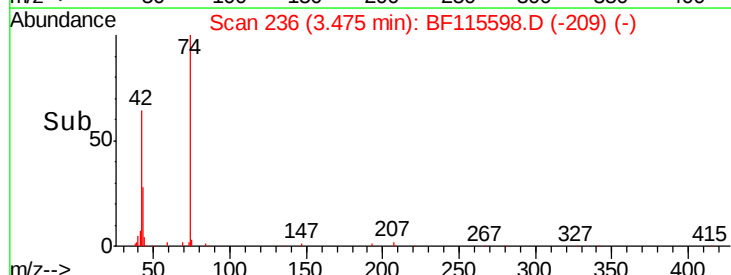
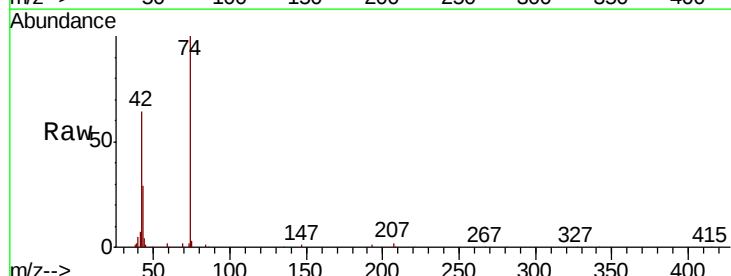
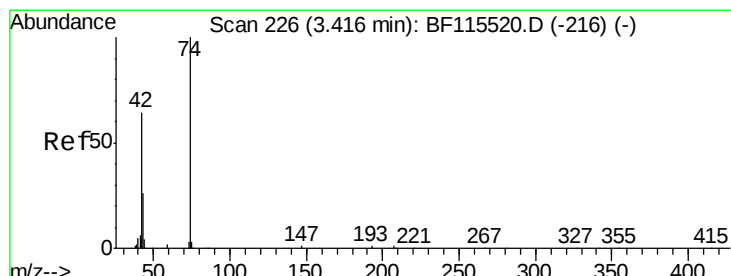
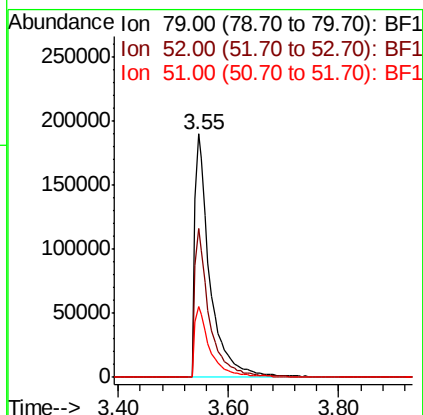
#3
 Pvridine
 Concen: 25.639 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.08 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tot Ion	79	Resp	362276
Ion Ratio	100	Lower	Upper
79	100		
52	61.2	47.8	71.6
51	29.2	23.8	35.8

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

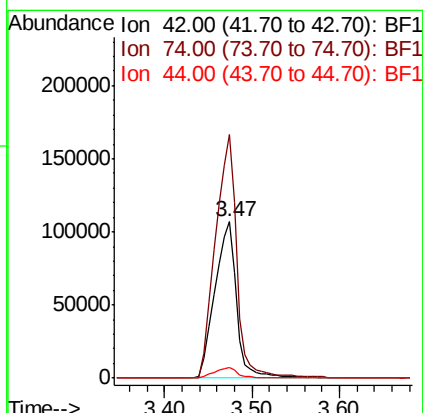
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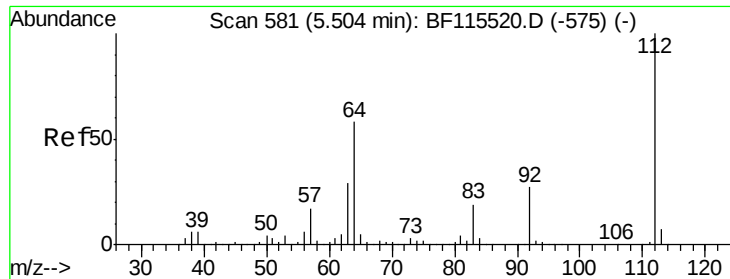
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#4
 n-Nitrosodimethylamine
 Concen: 36.065 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	42	Resp	184867
Ion Ratio	100	Lower	Upper
42	100		
74	156.1	127.5	191.3
44	6.6	5.0	7.6





#5

2-Fluorophenol

Concen: 103.298 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

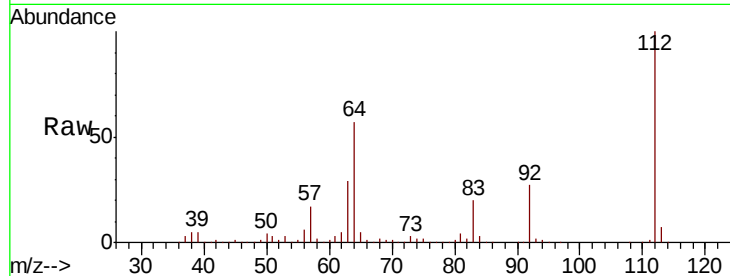
ClientSampleId :

CL-01-071219-AMS

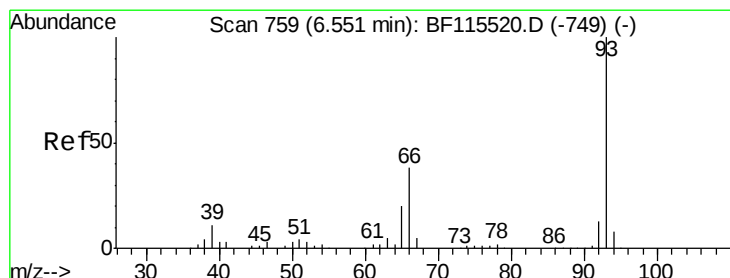
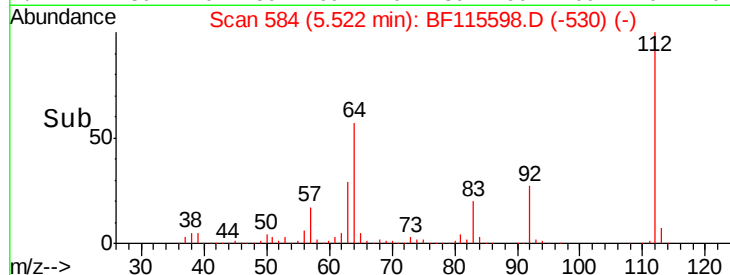
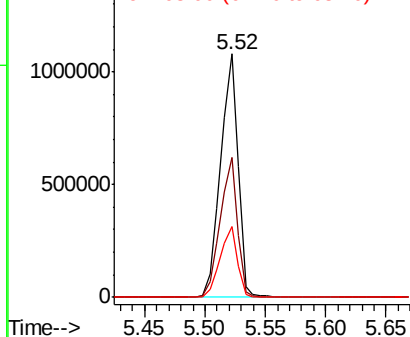
Tot Ion:	112	Resp:	1078490
Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.8	70.2
63	29.2	24.1	36.1

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



#6

Aniline

Concen: 9.716 ng

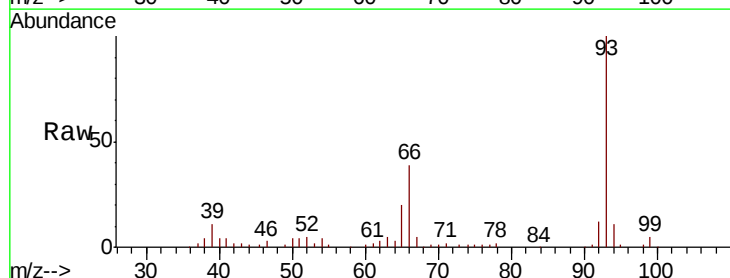
RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

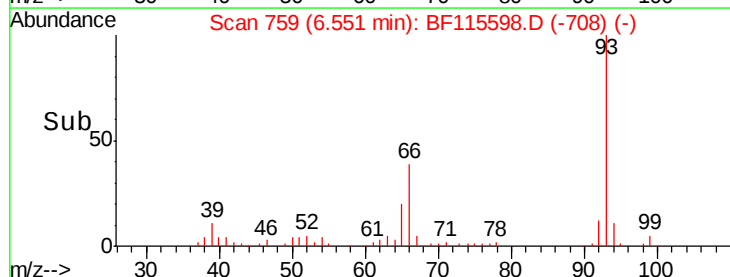
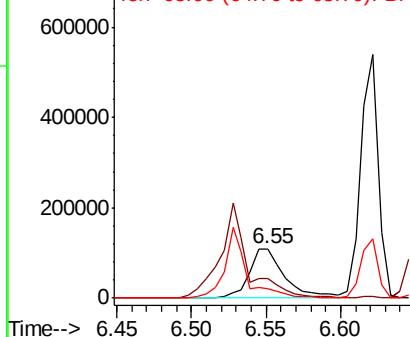
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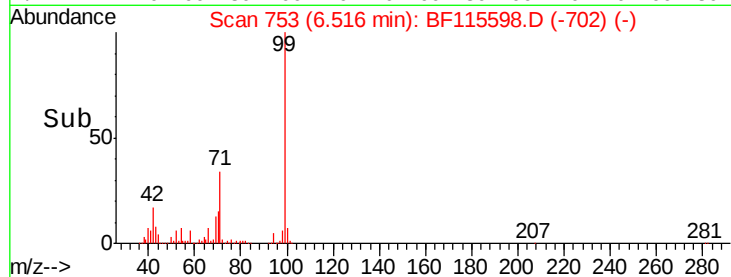
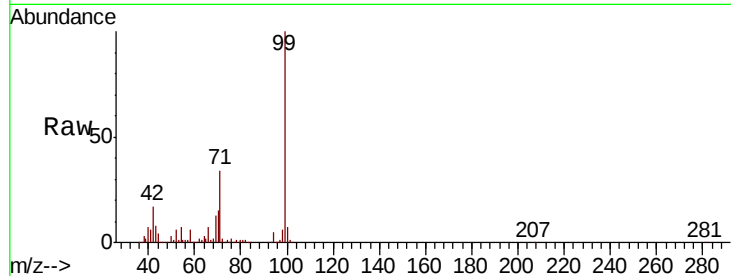
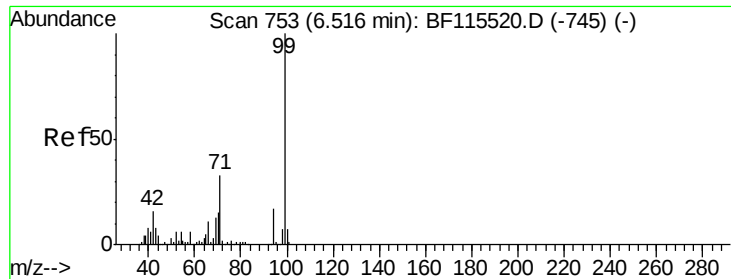
Acq: 16 Jul 2019 15:42

Tgt Ion:	93	Resp:	179124
Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.7	47.5
65	19.7	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: 98.649 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tot Ion:	99	Resp:	1306891
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	34.1	28.5	42.7

Instrument :

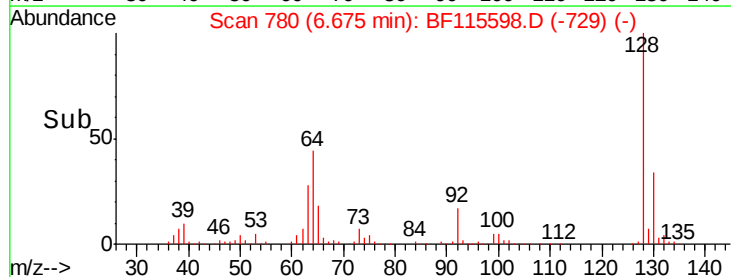
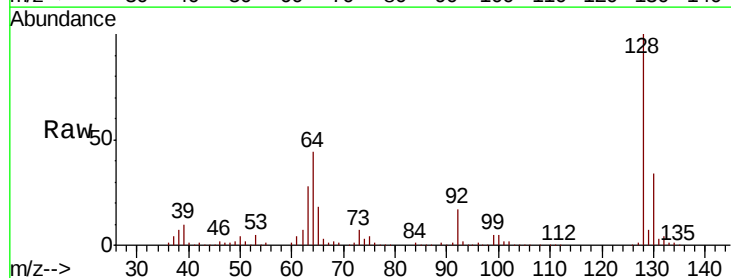
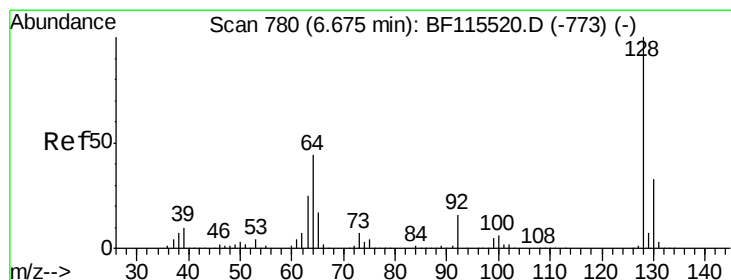
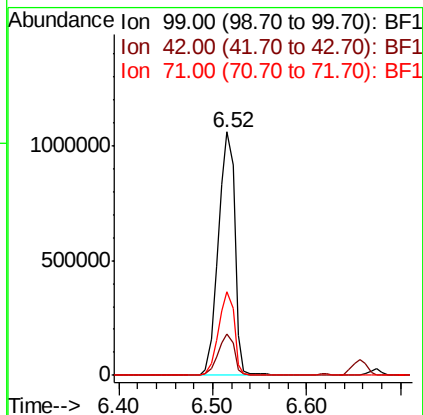
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#8

2-Chlorophenol

Concen: 38.098 ng

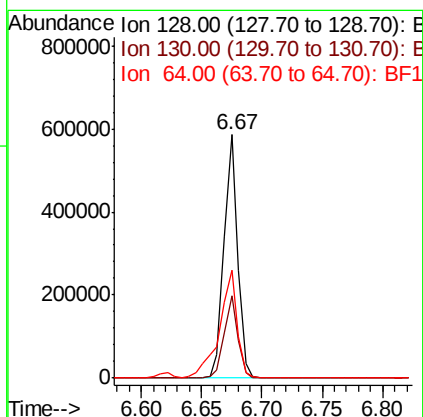
RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	128	Resp:	457317
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.8	52.8
64	44.4	26.8	66.8





#9

Benzaldehyde

Concen: 24.075 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

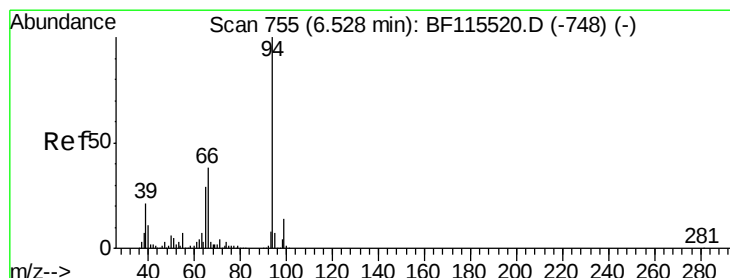
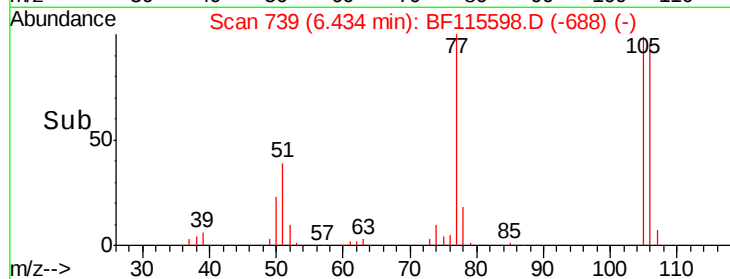
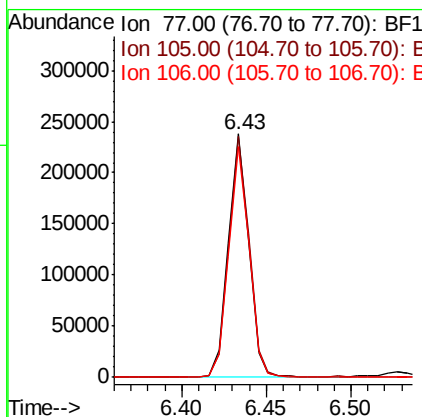
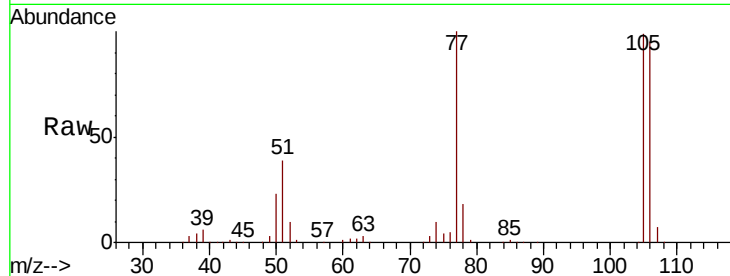
ClientSampleId :

CL-01-071219-AMS

Tot Ion:	77	Resp:	199306
Ion	Ratio	Lower	Upper
77	100		
105	98.8	78.8	118.8
106	94.8	75.6	115.6

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#10

Phenol

Concen: 30.338 ng

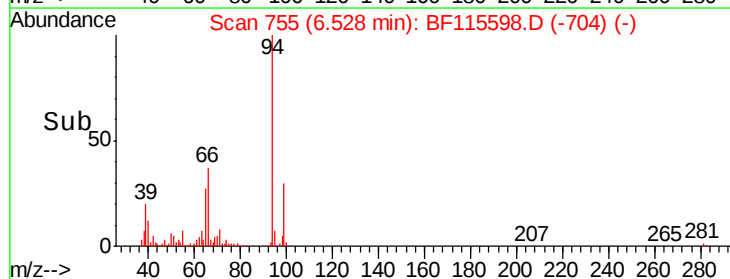
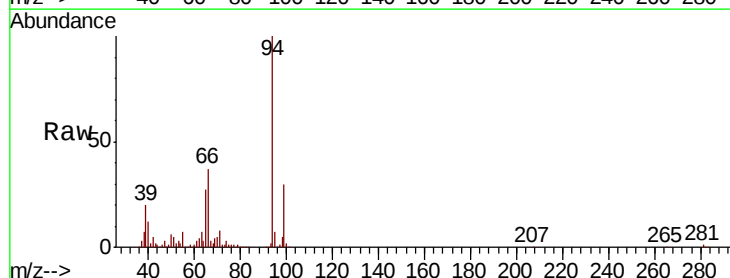
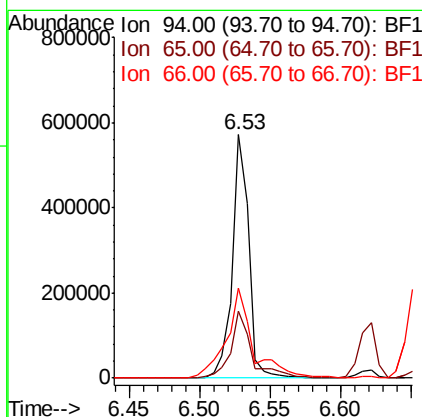
RT: 6.53 min Scan# 755

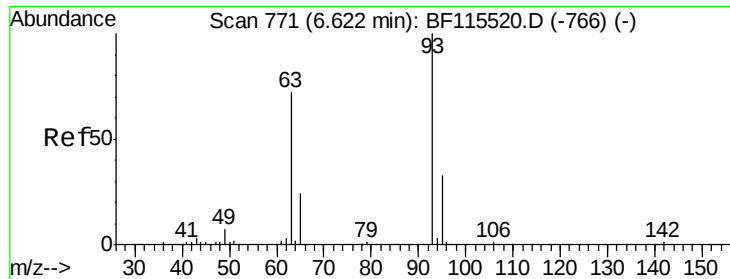
Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	94	Resp:	466568
Ion	Ratio	Lower	Upper
94	100		
65	27.4	14.5	54.5
66	36.8	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 37.892 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

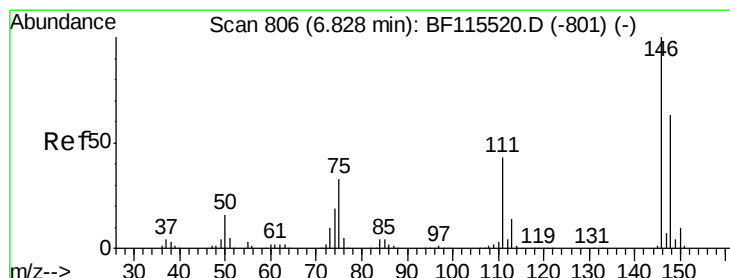
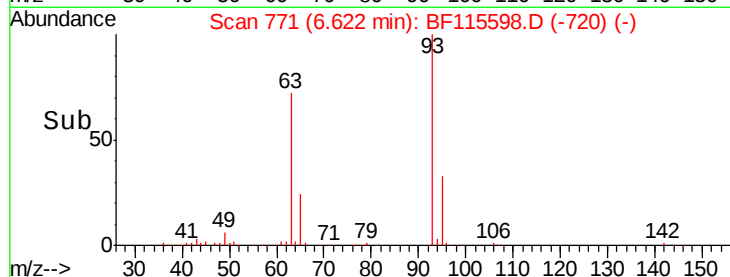
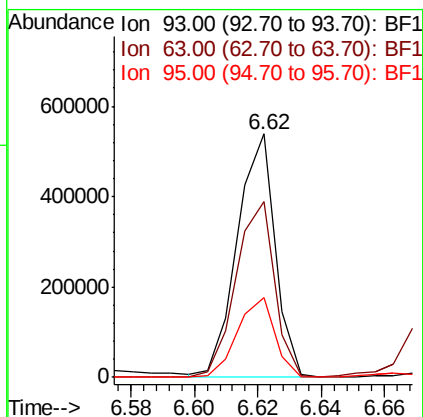
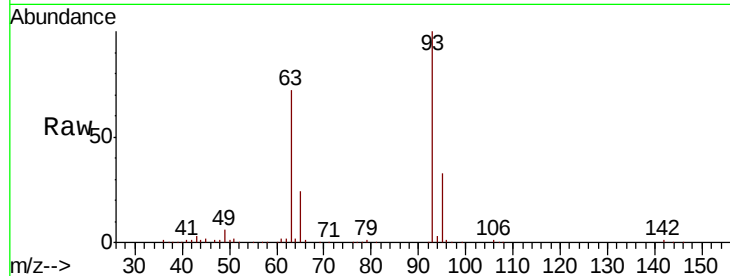
ClientSampleId :

CL-01-071219-AMS

Tot Ion:	93	Resp:	443668
Ion Ratio	Lower	Upper	
93	100		
63	72.0	52.2	92.2
95	32.6	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 35.476 ng

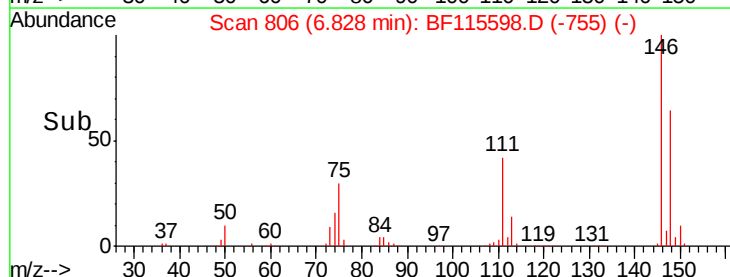
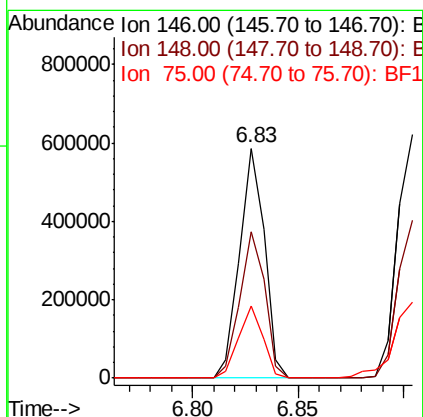
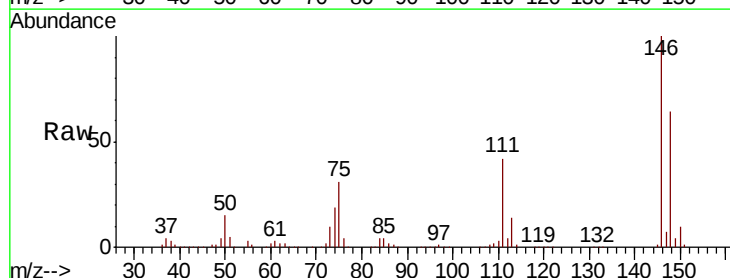
RT: 6.83 min Scan# 806

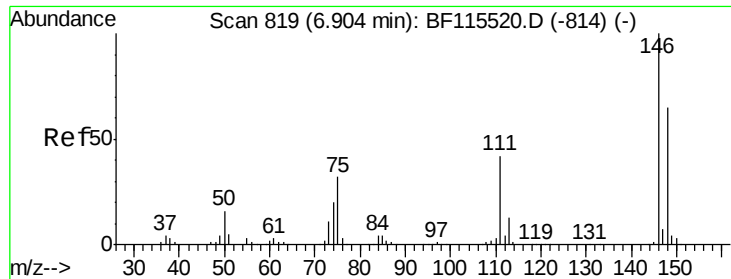
Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	146	Resp:	478786
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.1	78.1
75	31.4	24.9	37.3





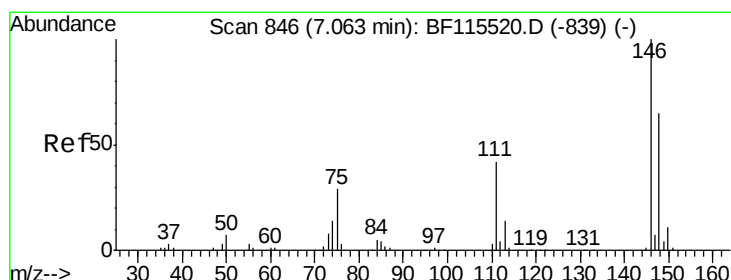
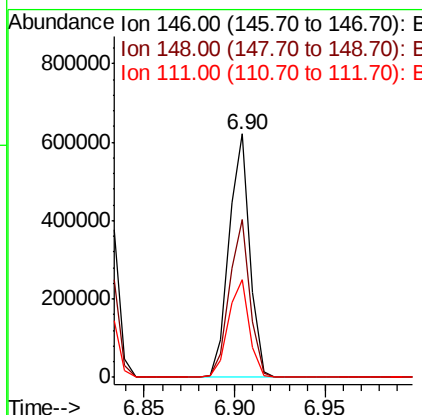
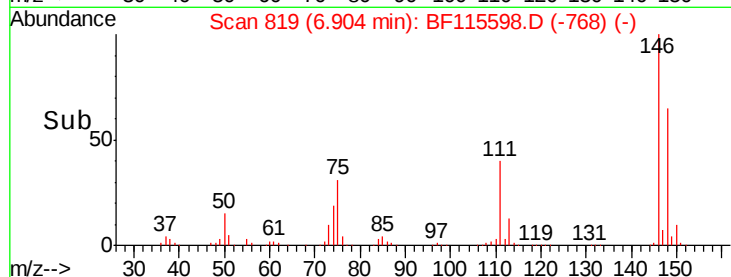
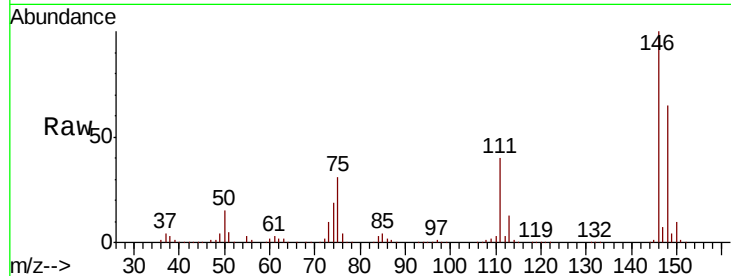
#13
1,4-Dichlorobenzene
Concen: 36.756 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
494946	146	100			
	148	64.9	51.8	77.6	
	111	40.0	35.5	53.3	

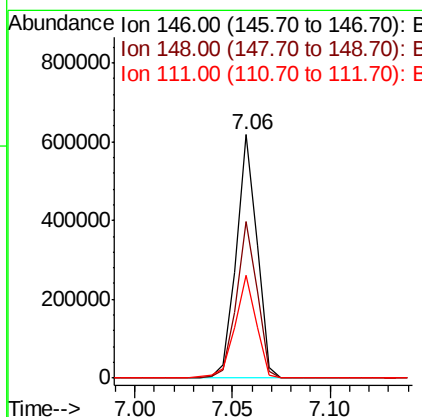
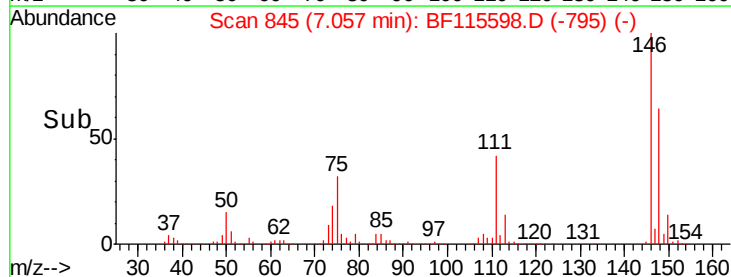
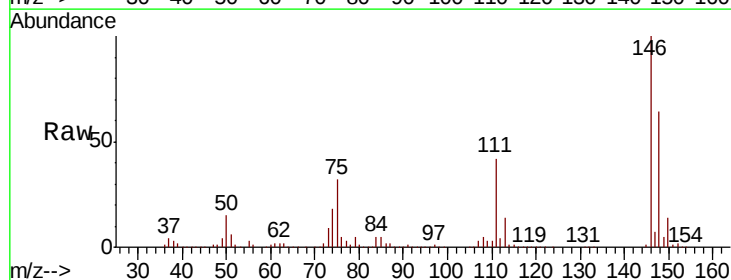
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#14
1,2-Dichlorobenzene
Concen: 36.881 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
453988	146	100			
	148	64.4	51.1	76.7	
	111	42.4	37.6	56.4	





#15

Benzyl Alcohol

Concen: 37.469 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

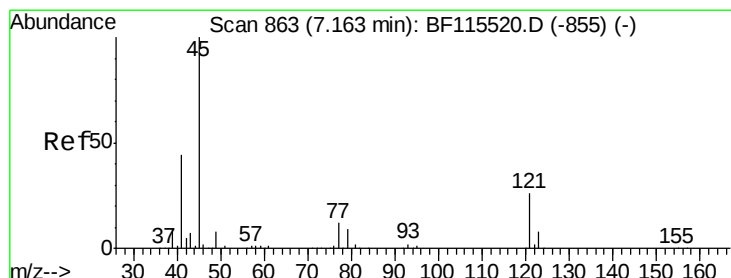
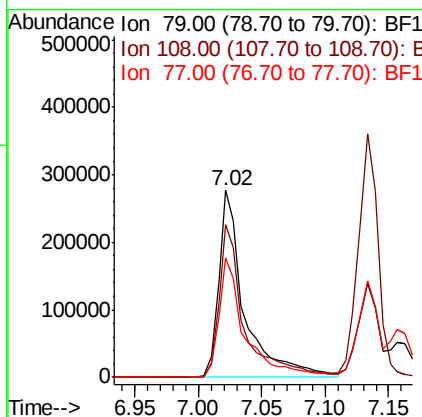
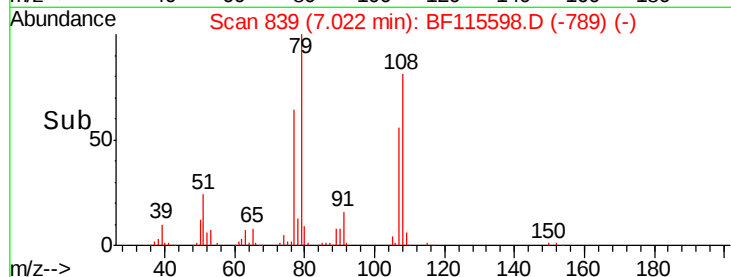
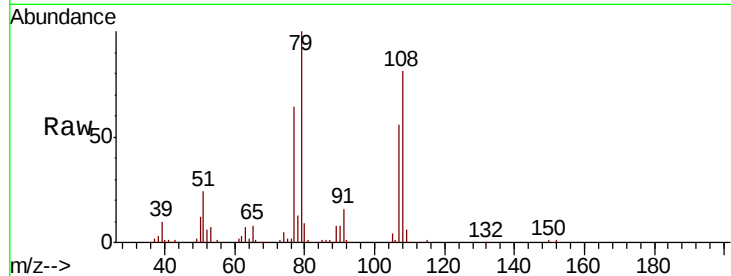
ClientSampleId :

CL-01-071219-AMS

Tot Ion:	79	Resp:	393769
Ion Ratio	Lower	Upper	
79	100		
108	81.5	64.2	96.4
77	63.7	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.756 ng

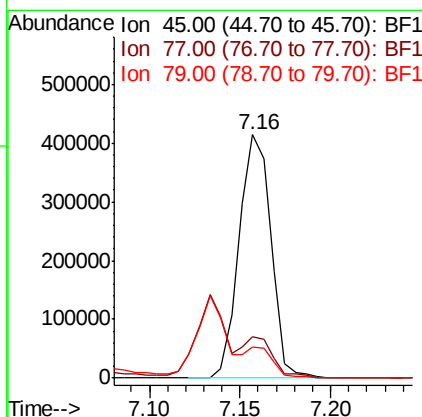
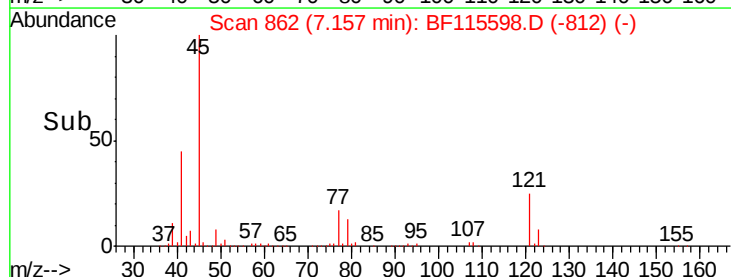
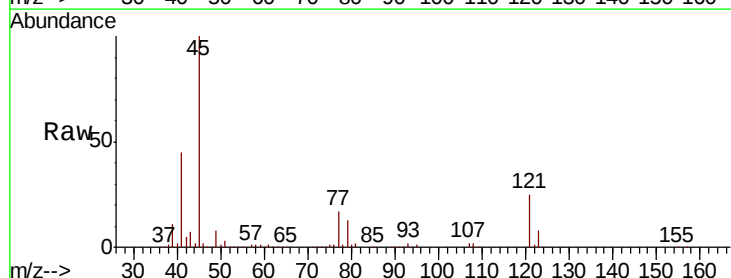
RT: 7.16 min Scan# 862

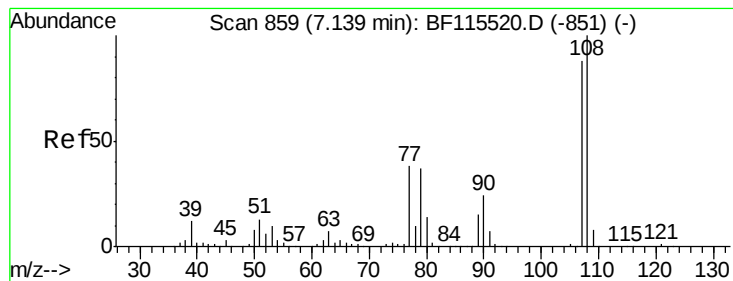
Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	45	Resp:	504930
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	38.1
79	12.5	0.0	34.1





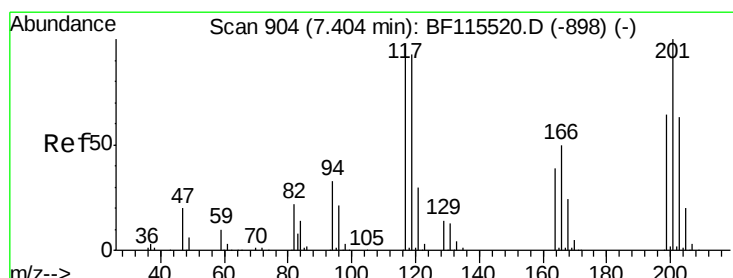
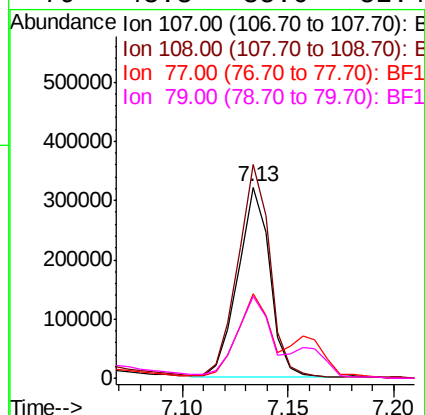
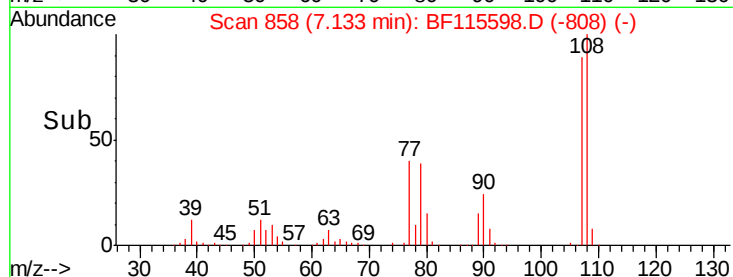
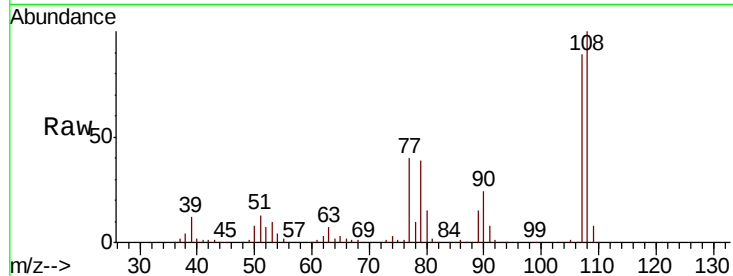
#17
2-Methylphenol
Concen: 32.361 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	89.4	134.2	
77	44.2	35.7	53.5	
79	43.3	35.0	52.4	

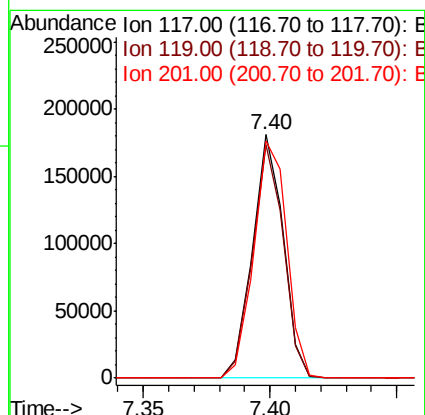
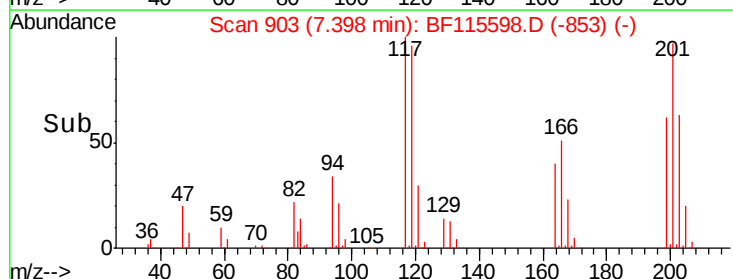
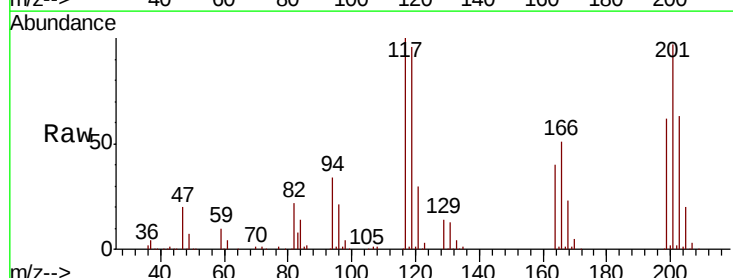
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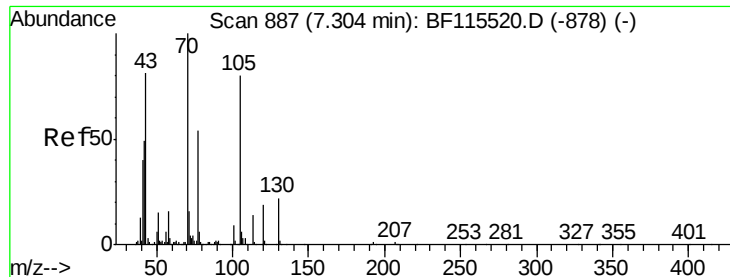
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#18
Hexachloroethane
Concen: 30.701 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.7	116.5	
201	97.3	86.0	129.0	





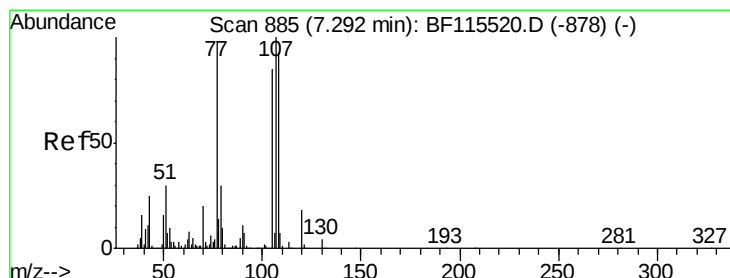
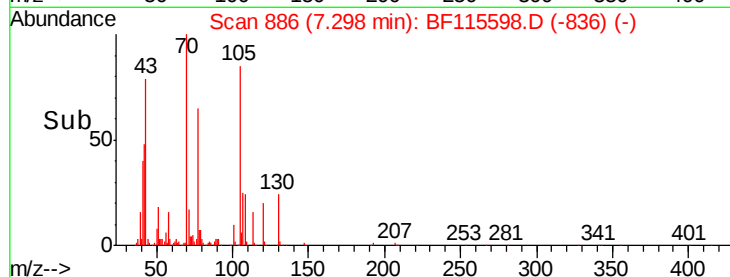
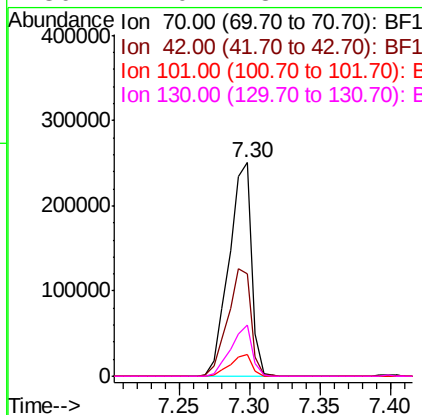
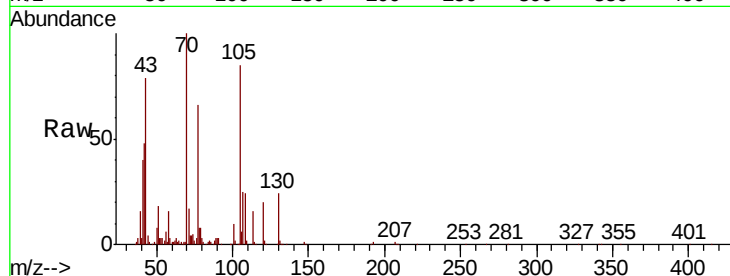
#19
n-Nitroso-di-n-propylamine
Concen: 32.250 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.0	39.6	59.4
101	10.0	8.1	12.1
130	24.0	18.2	27.2

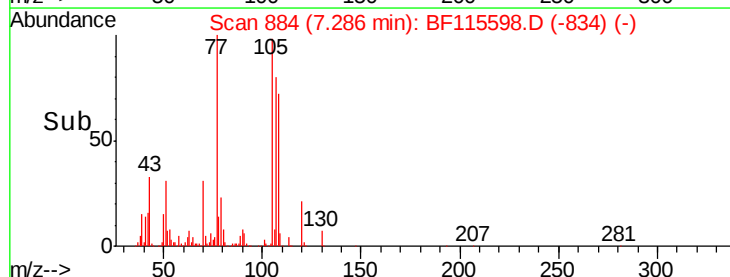
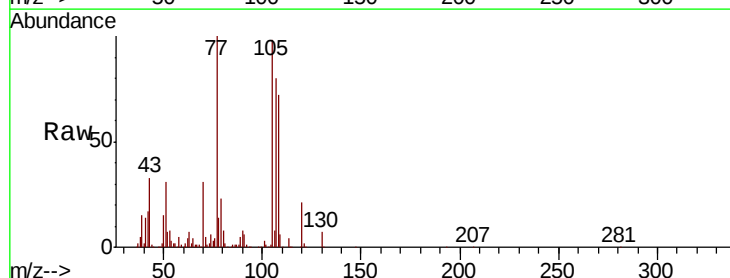
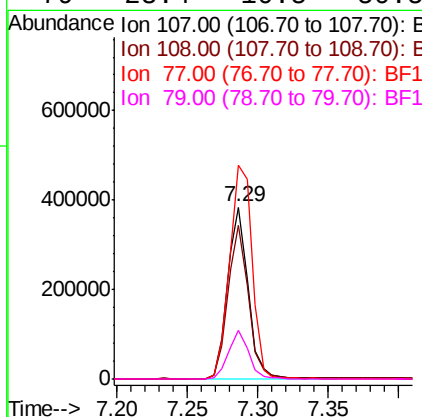
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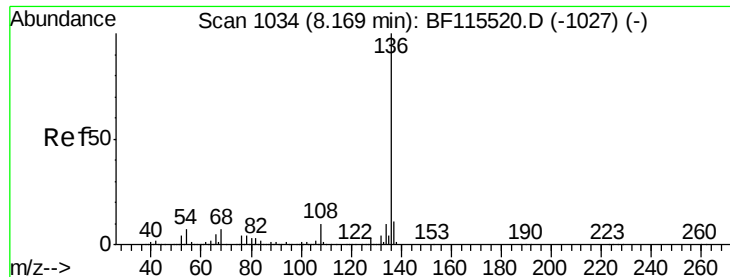
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#20
3+4-Methylphenols
Concen: 31.495 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.9	112.9
77	124.4	77.6	117.6
79	28.4	10.5	50.5





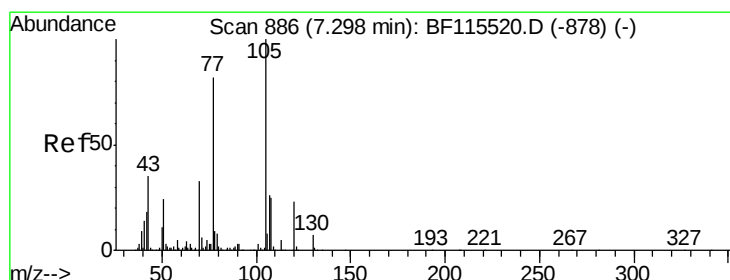
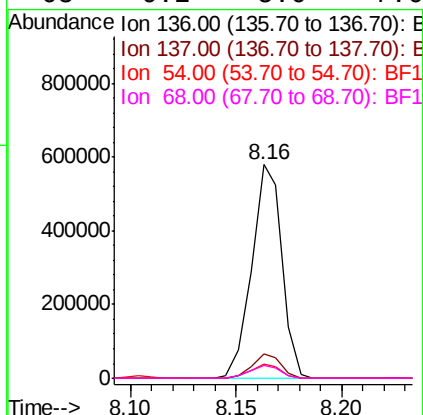
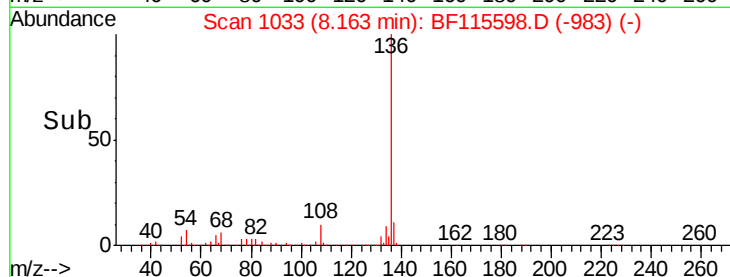
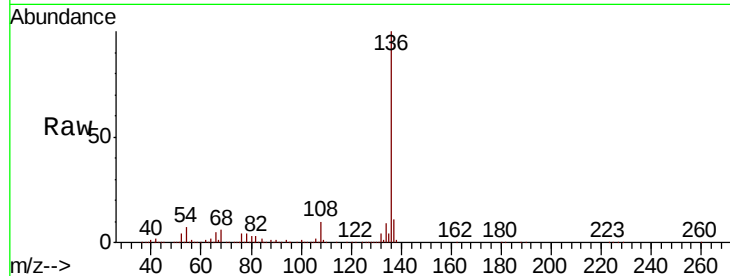
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	574511		
137	11.1		9.0	13.4
54	6.9		5.6	8.4
68	6.2		5.0	7.6

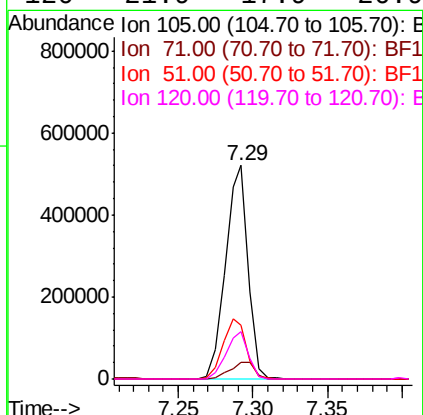
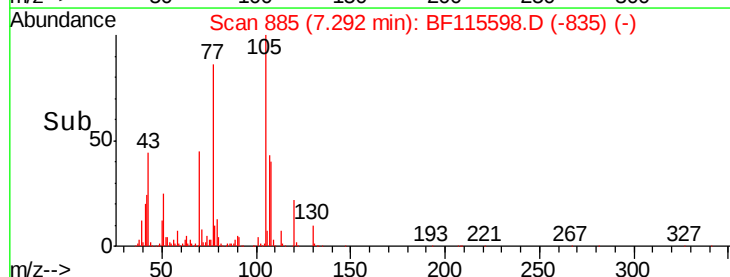
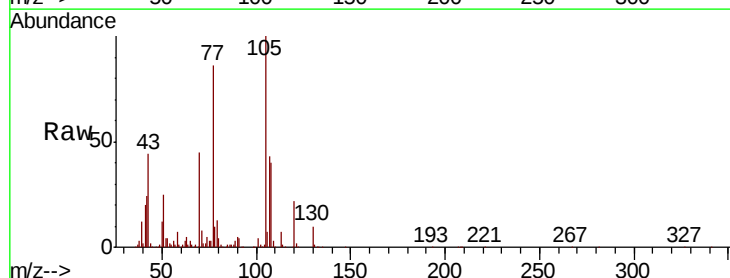
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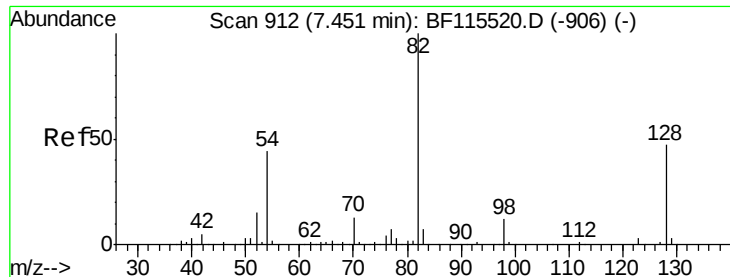
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#22
Acetophenone
Concen: 42.641 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	553433		
71	7.7		3.5	5.3#
51	25.1		25.6	38.4#
120	21.9		17.9	26.9





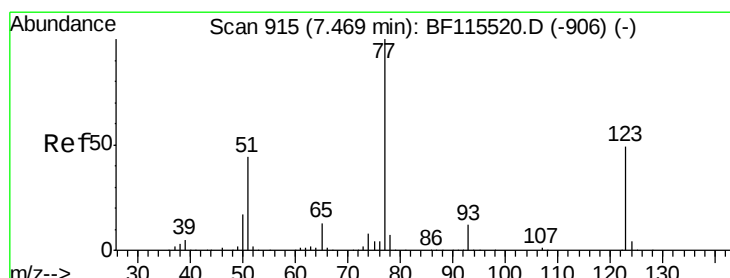
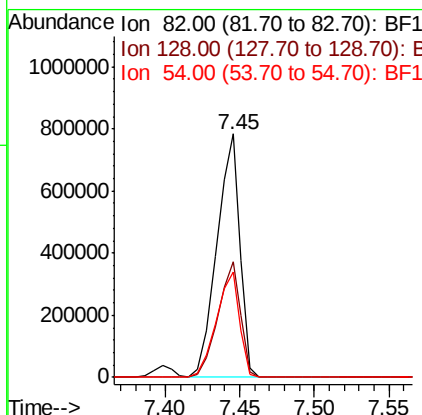
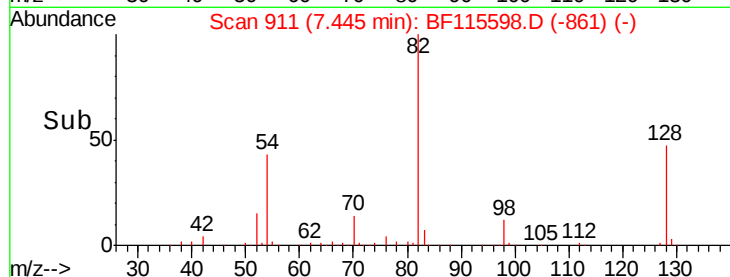
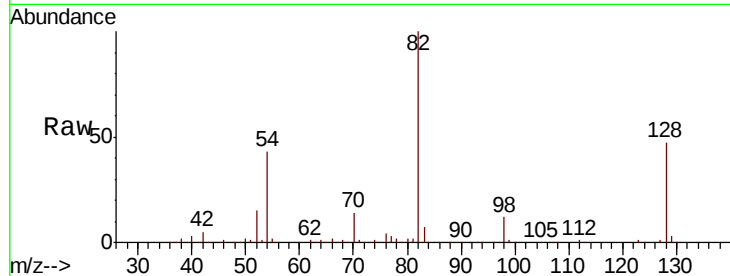
#23
Nitrobenzene-d5
Concen: 85.434 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	844122		
128	47.3	38.6	57.8	
54	43.3	35.6	53.4	

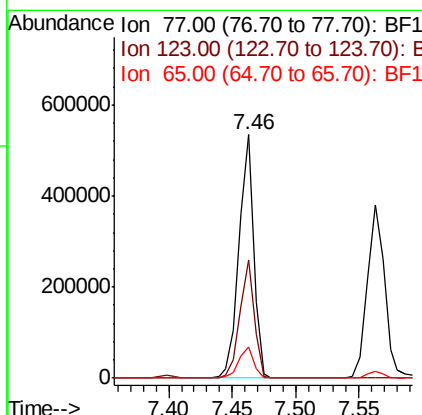
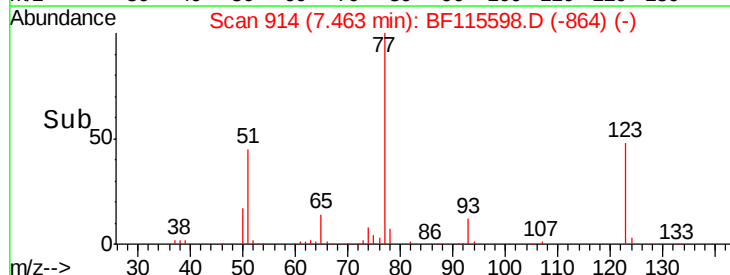
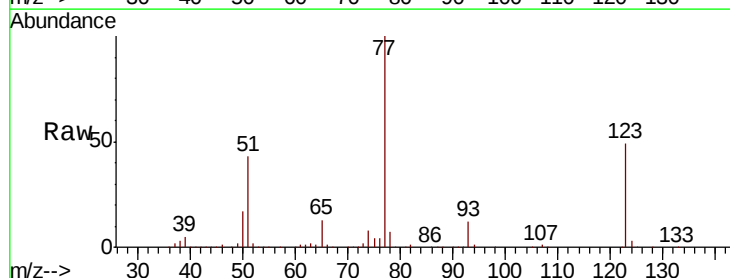
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#24
Nitrobenzene
Concen: 39.878 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	424975		
123	48.5	40.0	60.0	
65	13.0	11.0	16.4	





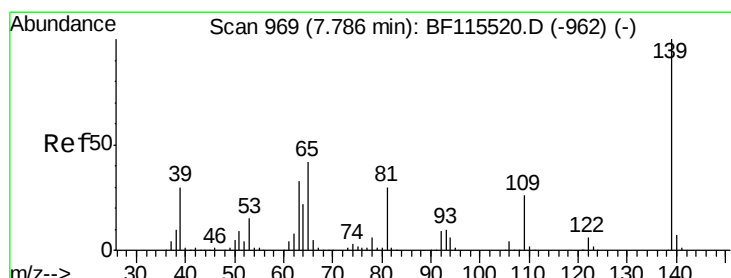
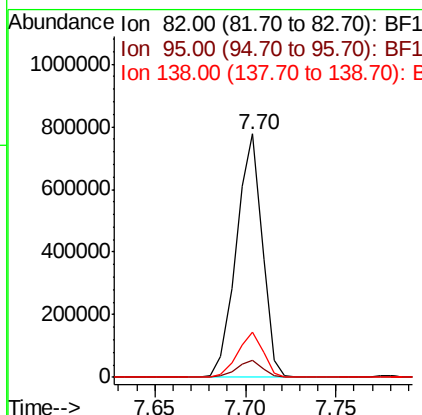
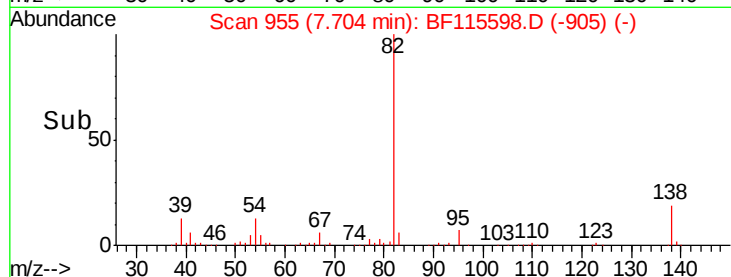
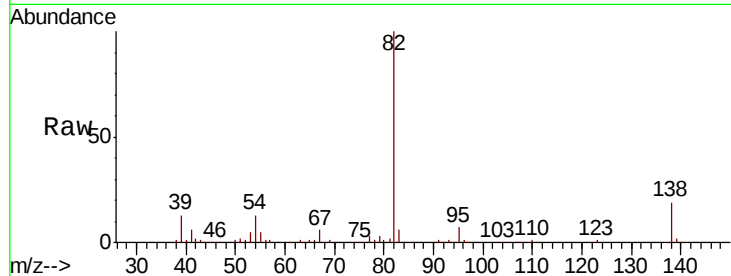
#25
Isophorone
Concen: 39.215 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

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

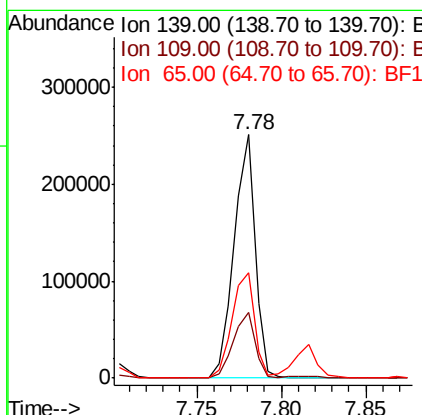
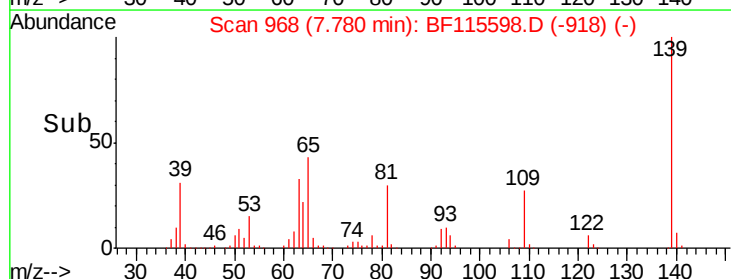
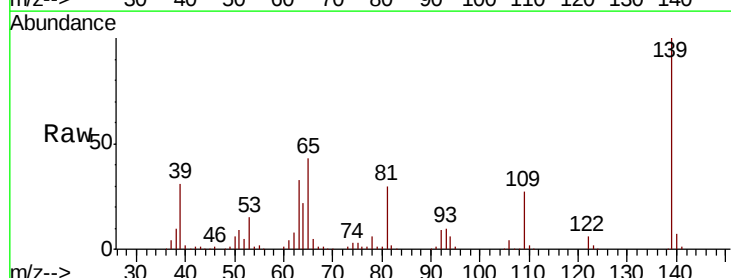
Manual Integrations
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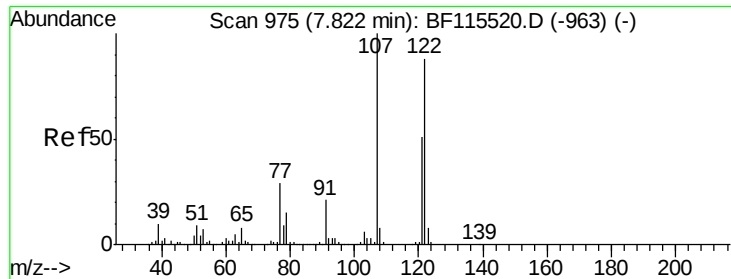
mohammad
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#26
2-Nitrophenol
Concen: 39.733 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.1	23.3	34.9
65	43.2	37.9	56.9





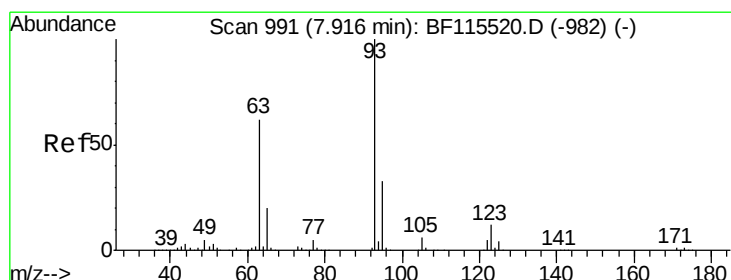
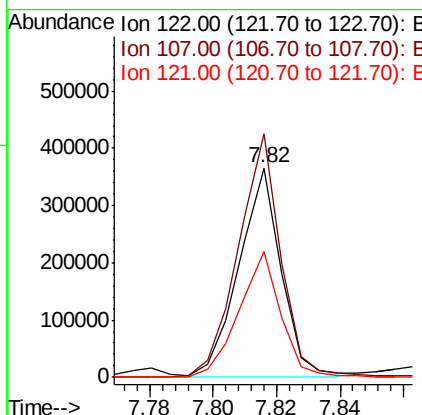
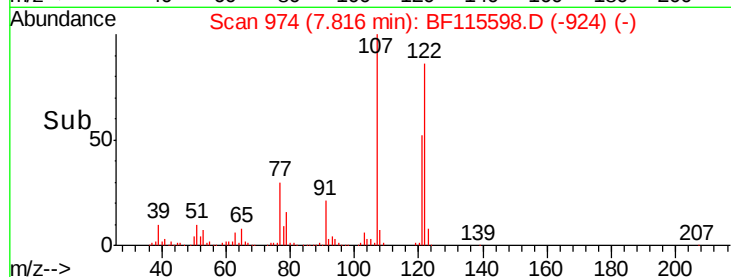
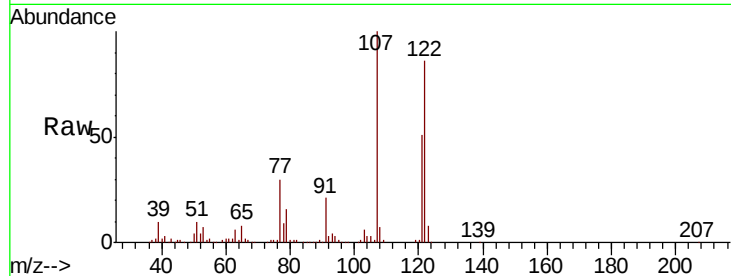
#27
2,4-Dimethylphenol
Concen: 41.159 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.2	92.9	139.3	
121	59.8	46.9	70.3	

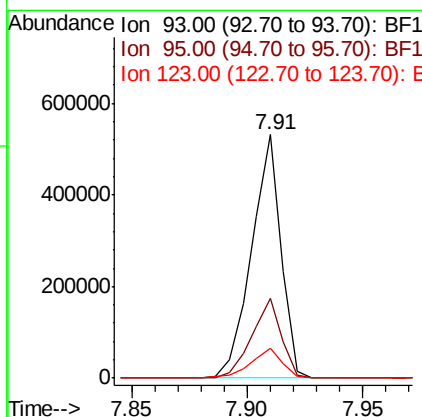
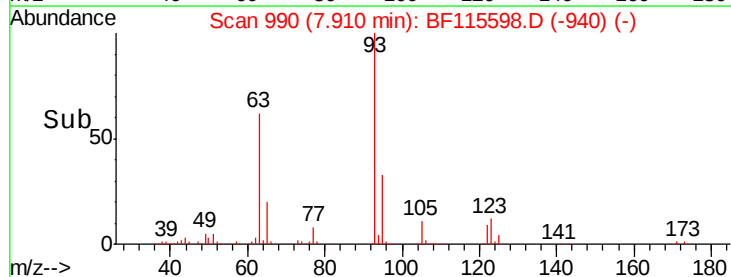
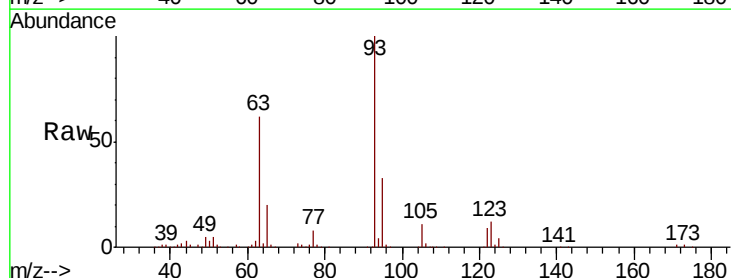
Manual Integrations
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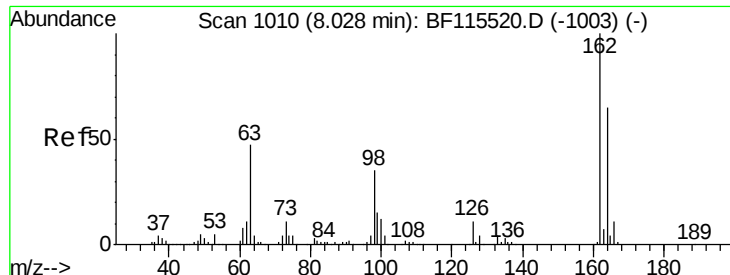
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.123 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	27.0	40.4	
123	12.2	9.9	14.9	





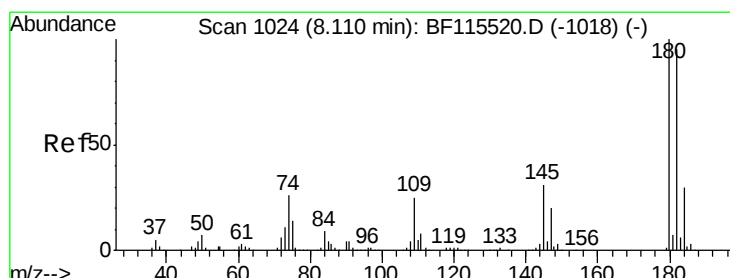
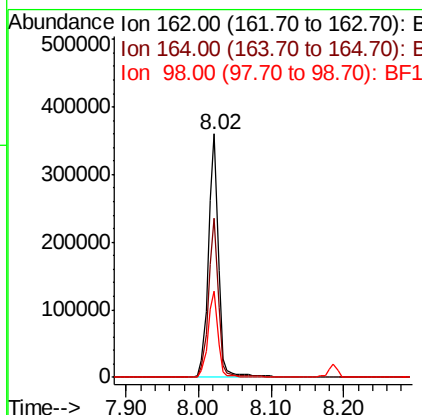
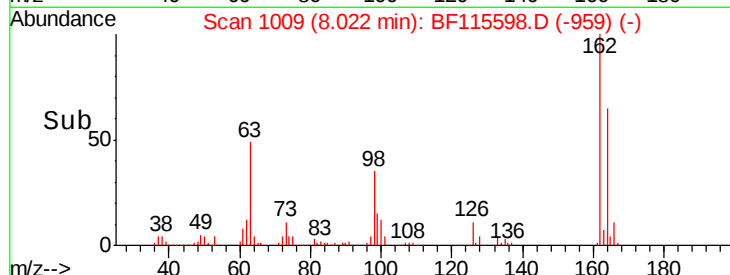
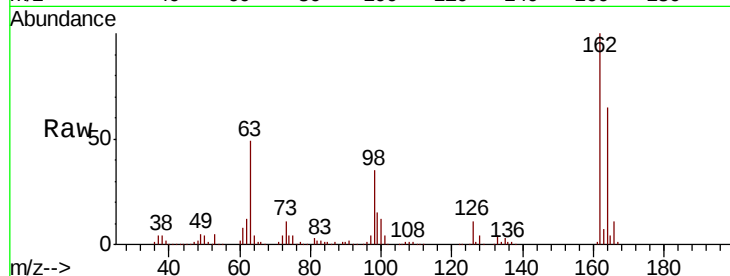
#29
2,4-Dichlorophenol
Concen: 40.844 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.3	44.9	84.9	
98	35.2	17.7	57.7	

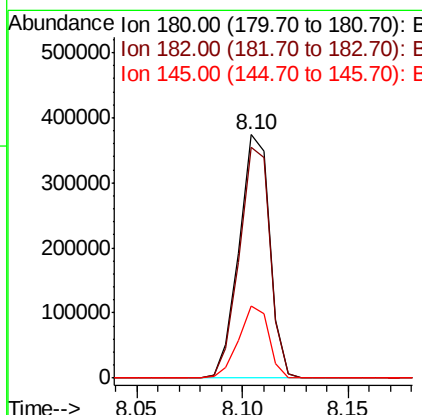
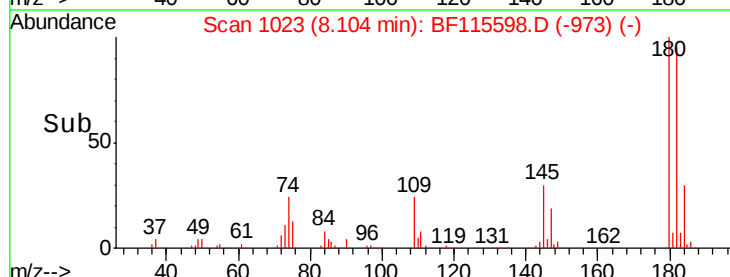
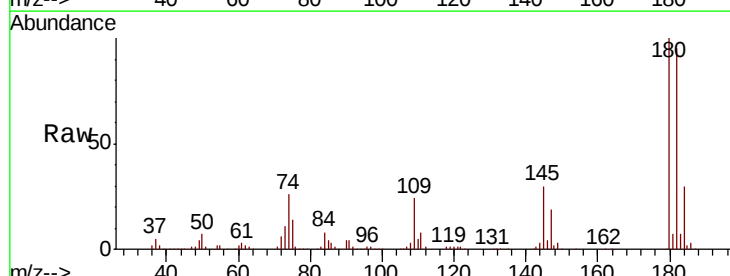
Manual Integrations
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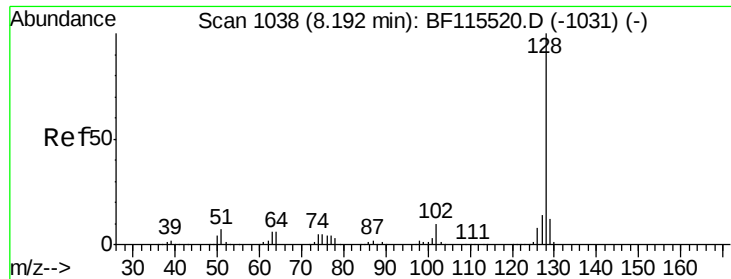
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#30
1,2,4-Trichlorobenzene
Concen: 39.056 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	75.0	112.6	
145	29.7	25.1	37.7	





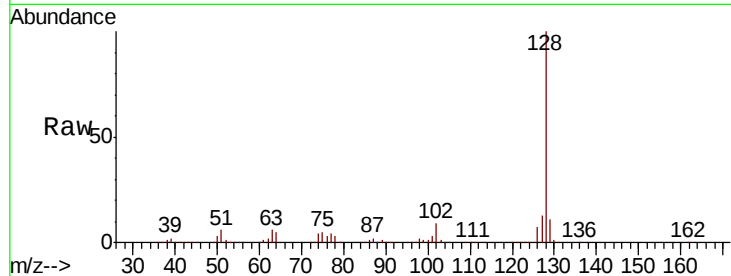
#31
Naphthalene
Concen: 41.224 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

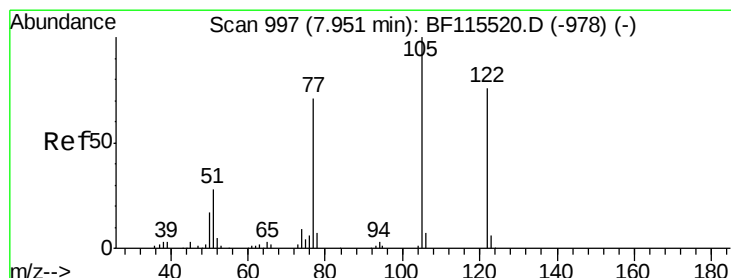
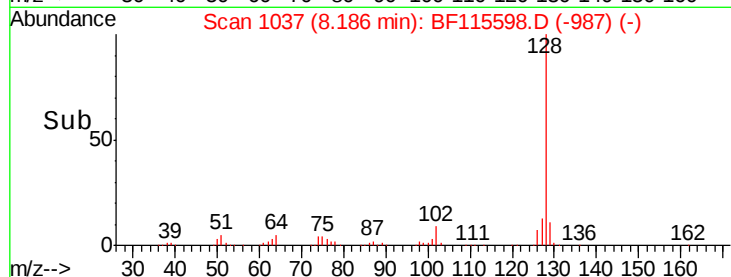
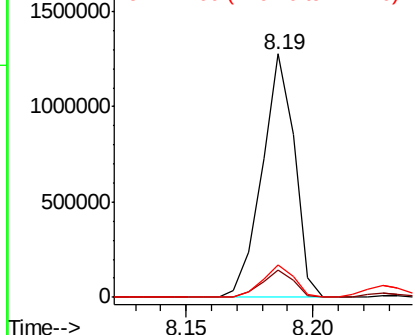
Tot Ion:128 Resp: 1147018
Ion Ratio Lower Upper
128 100
129 11.4 9.9 14.9
127 13.4 12.1 18.1

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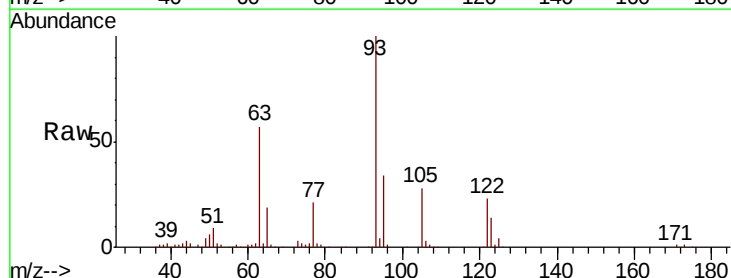


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

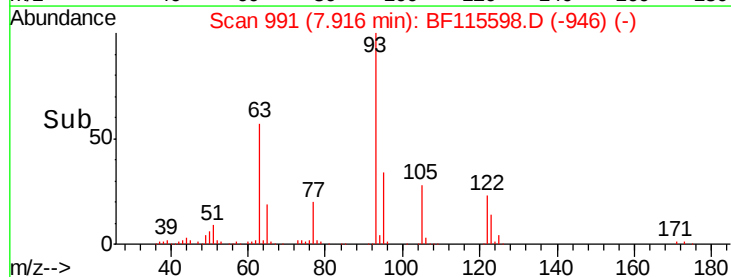
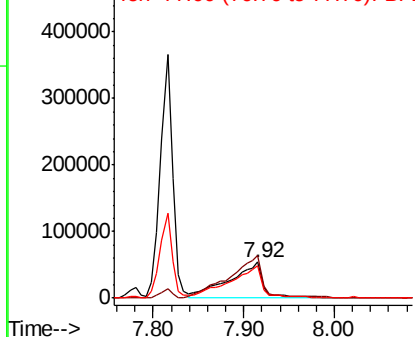


#32
Benzoic acid
Concen: 20.286 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:122 Resp: 136633
Ion Ratio Lower Upper
122 100
105 121.2 102.5 142.5
77 91.6 70.2 110.2



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





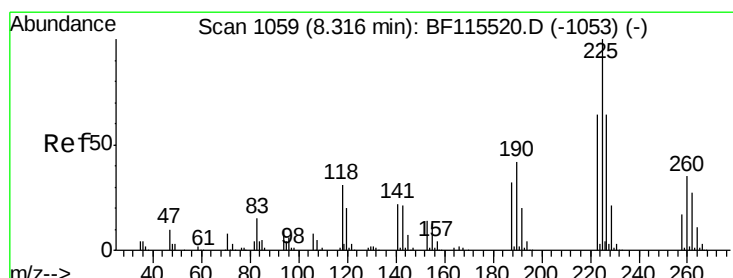
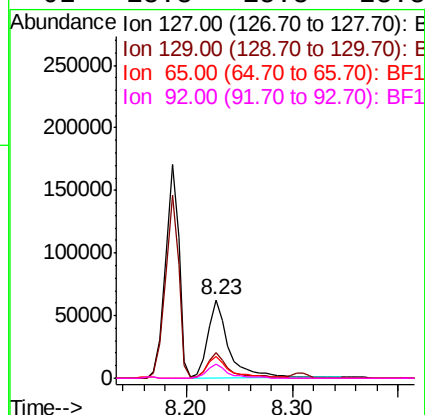
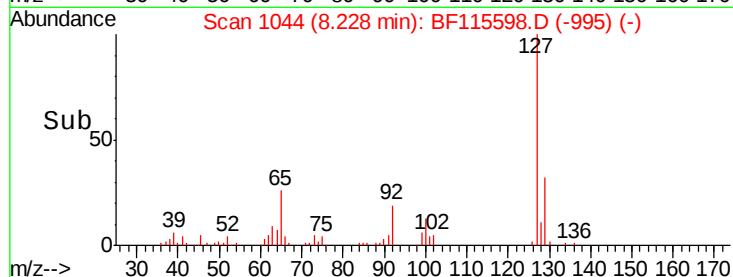
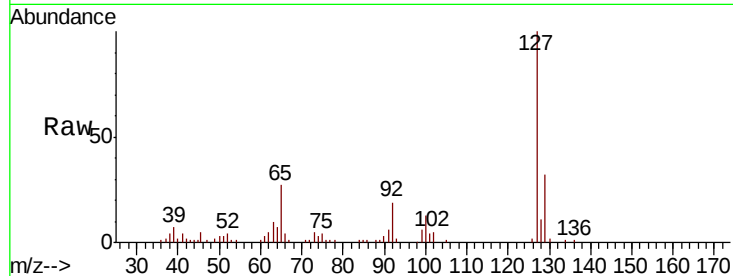
#33
4-Chloroaniline
Concen: 6.925 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.2	23.7	35.5
92	18.8	15.8	23.8

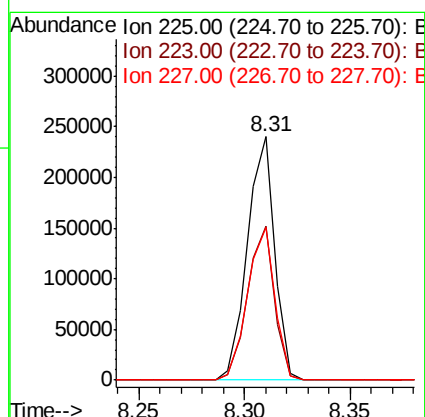
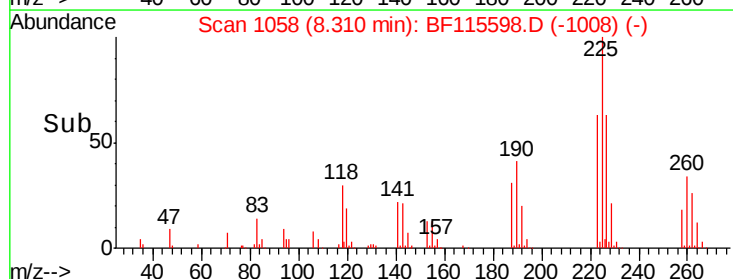
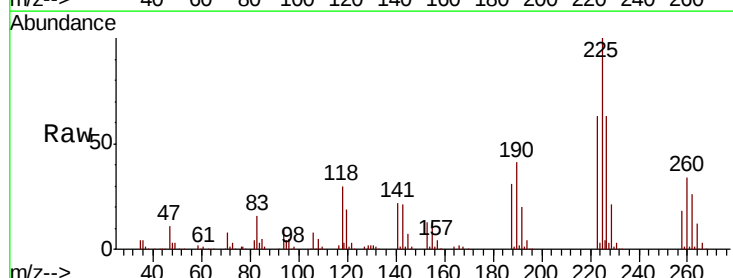
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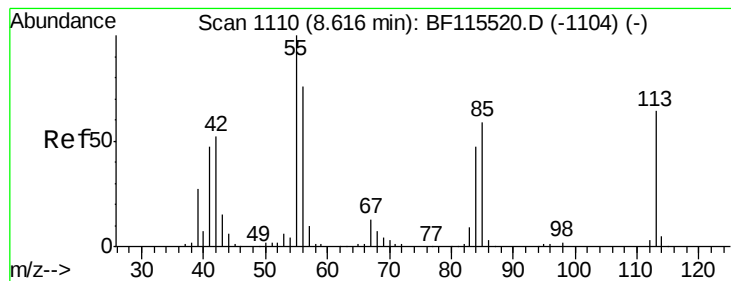
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#34
Hexachlorobutadiene
Concen: 38.896 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.0	50.7	76.1





#35

Caprolactam

Concen: 32.207 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMS

Tot Ion:113 Resp: 84948

Ion Ratio Lower Upper

113 100

55 143.4 126.9 166.9

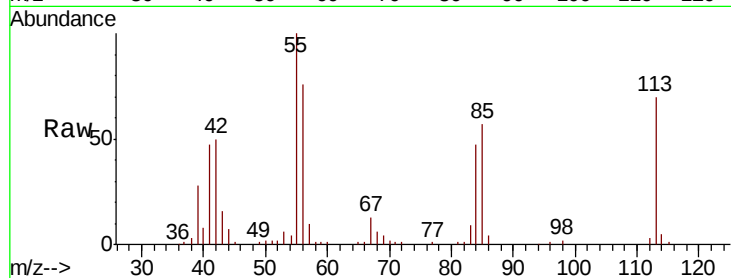
56 109.6 90.3 130.3

Manual Integrations

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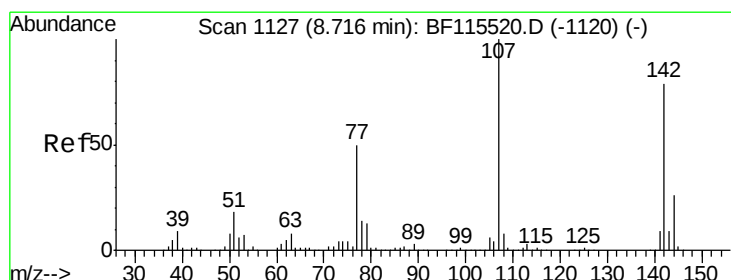
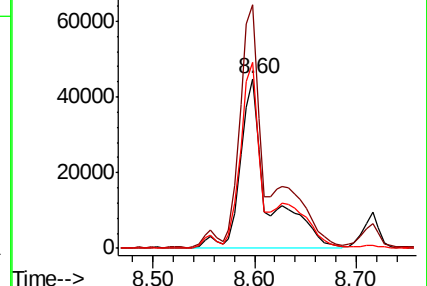
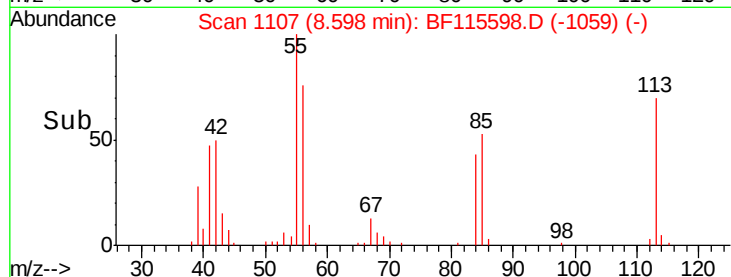
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.932 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

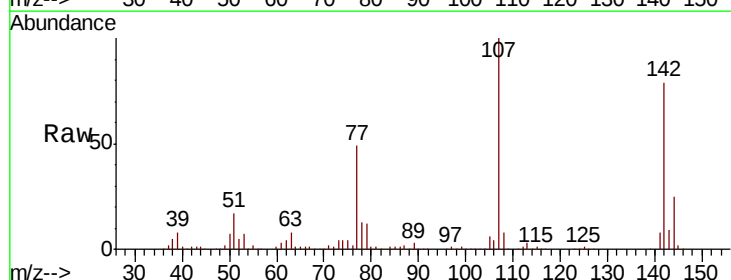
Tgt Ion:107 Resp: 371268

Ion Ratio Lower Upper

107 100

144 25.1 20.6 30.8

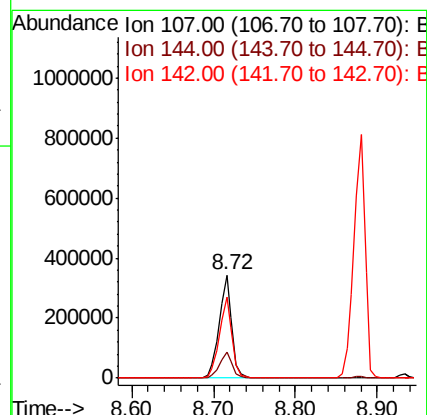
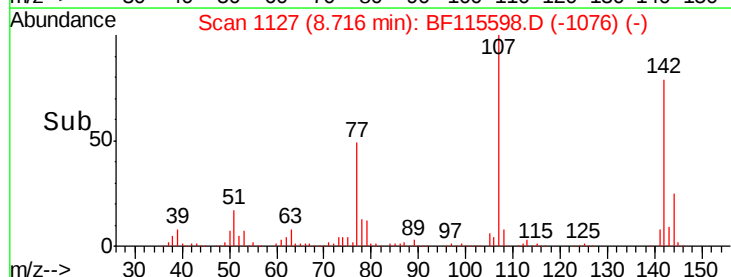
142 79.1 63.1 94.7

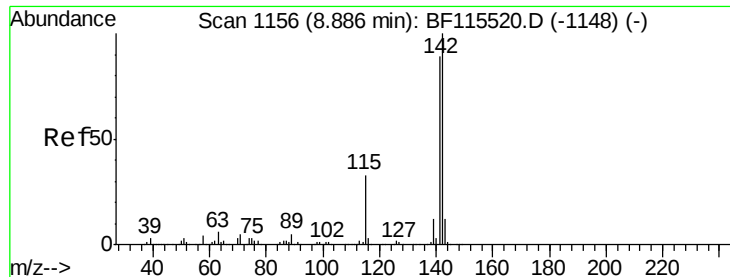


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





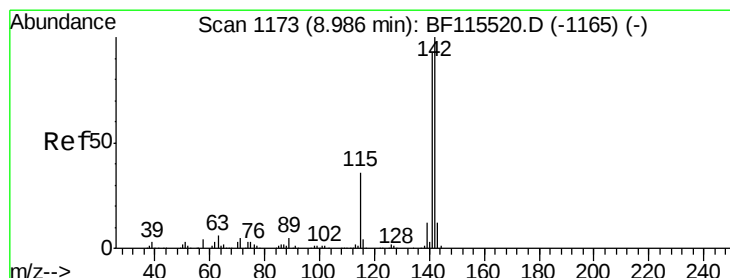
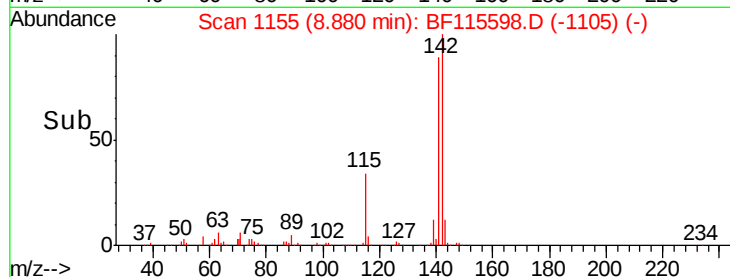
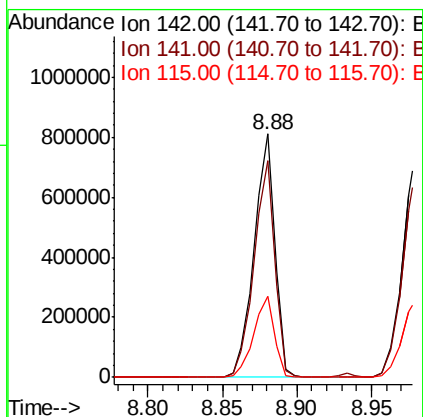
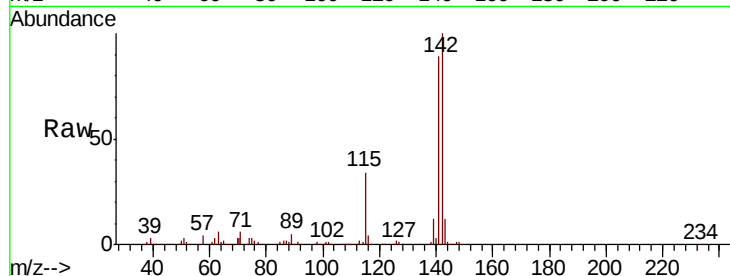
#37
2-Methylnaphthalene
Concen: 42.210 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.0	108.0
115	33.5	29.9	44.9

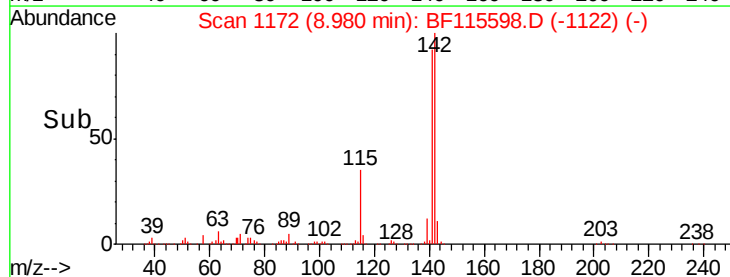
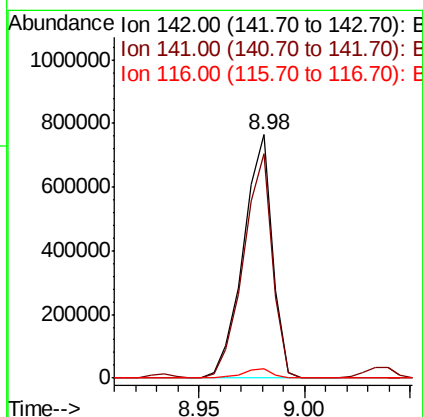
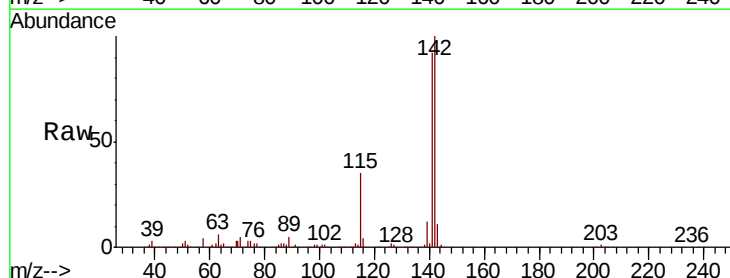
Manual Integrations
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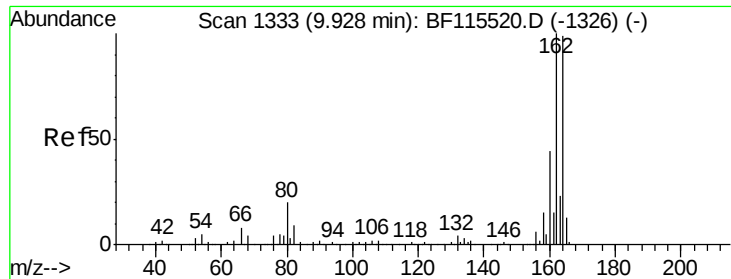
mohammad
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#38
1-Methylnaphthalene
Concen: 41.531 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.3	112.9
116	3.7	3.3	4.9





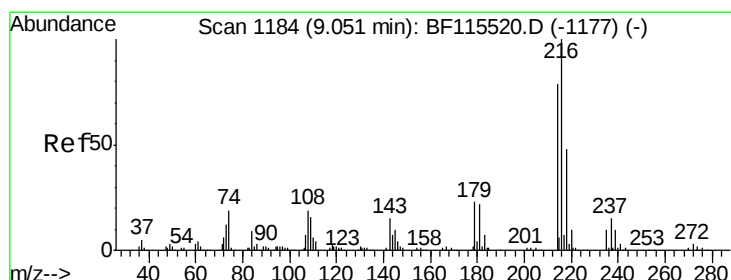
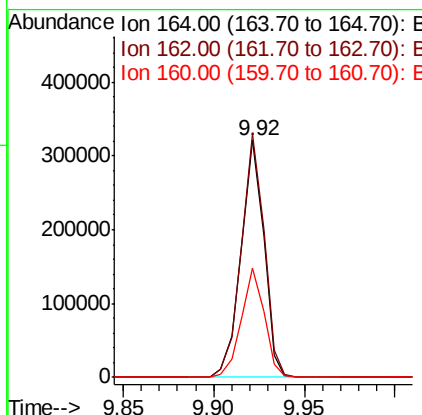
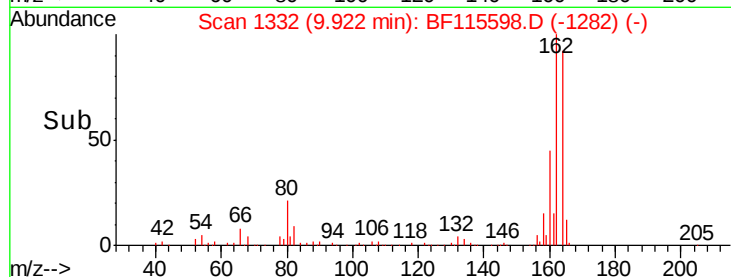
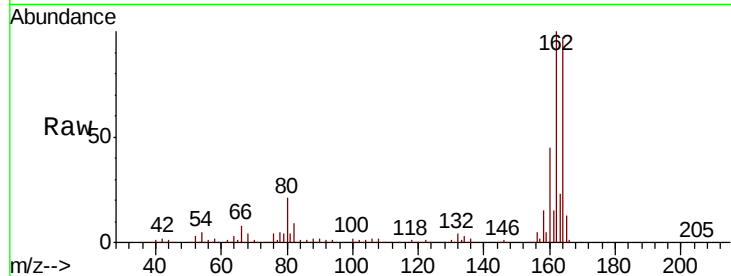
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.9	124.3
160	46.2	36.8	55.2

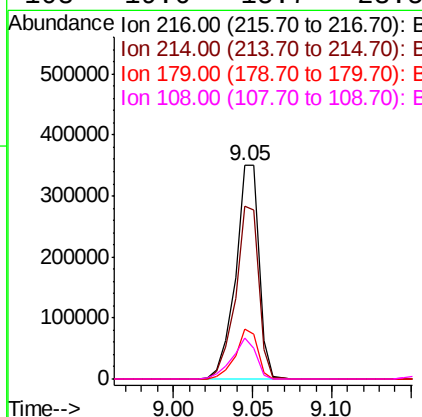
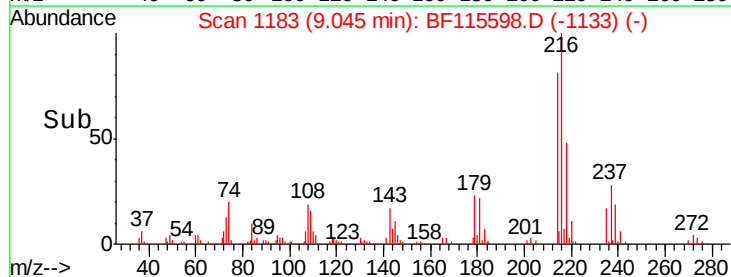
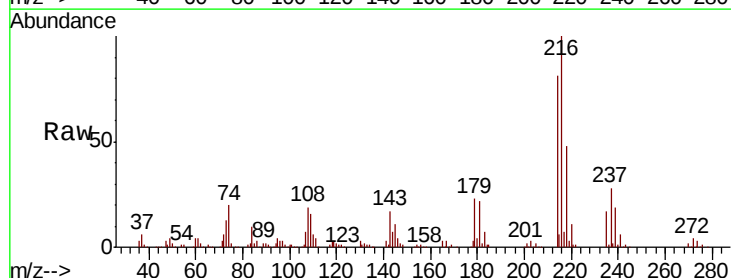
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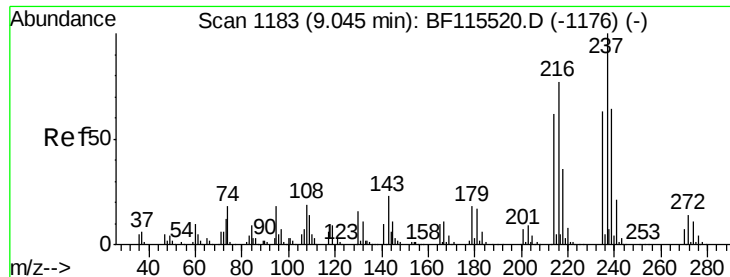
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.180 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	65.1	97.7
179	22.0	18.3	27.5
108	19.6	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 57.775 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

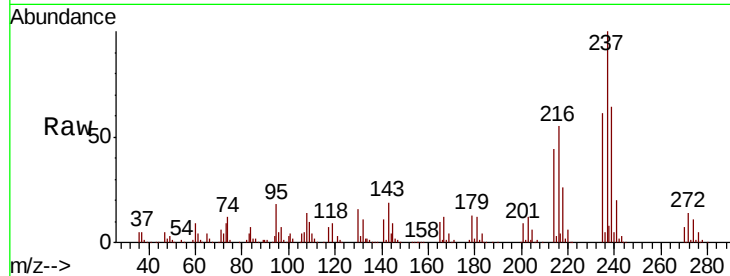
ClientSampleId :

CL-01-071219-AMS

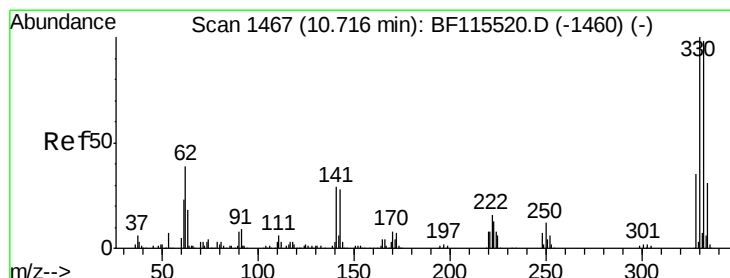
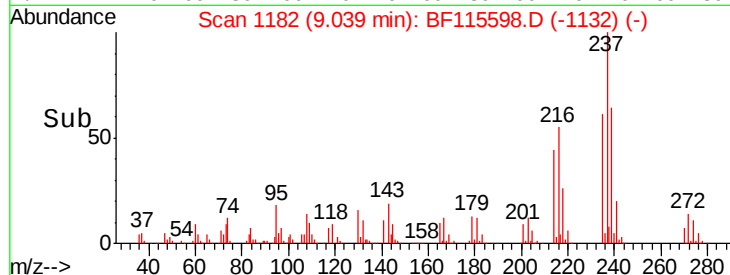
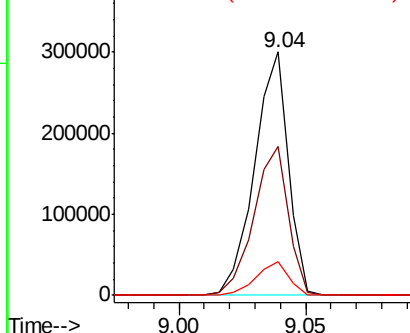
Tot Ion:	237	Resp:	280114
Ion Ratio		Lower	Upper
237	100		
235	61.0	43.6	83.6
272	13.6	0.0	33.9

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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: 121.989 ng

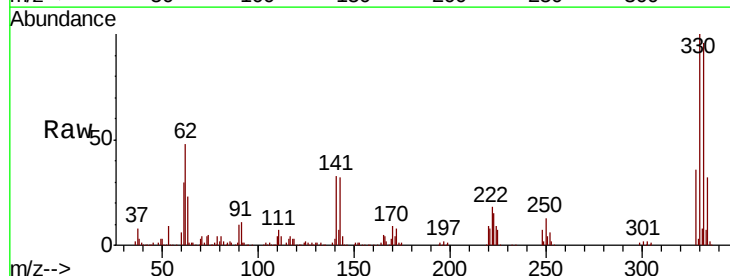
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

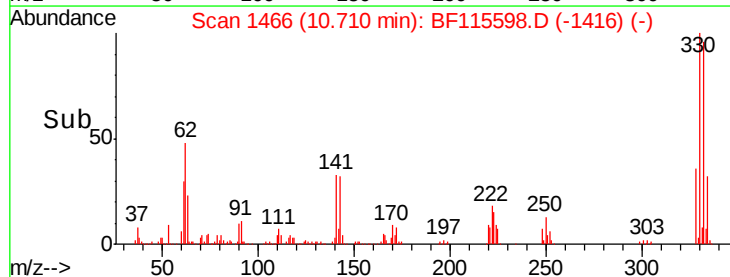
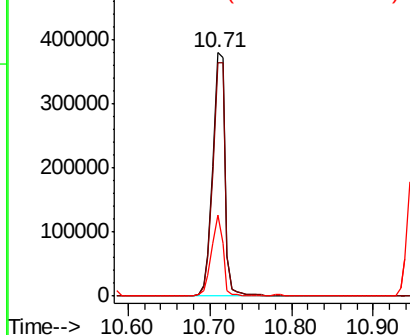
Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	330	Resp:	401886
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.4	116.2
141	30.7	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





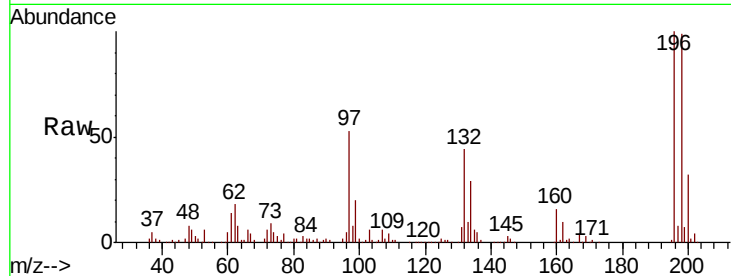
#43
 2,4,6-Trichlorophenol
 Concen: 40.839 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

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

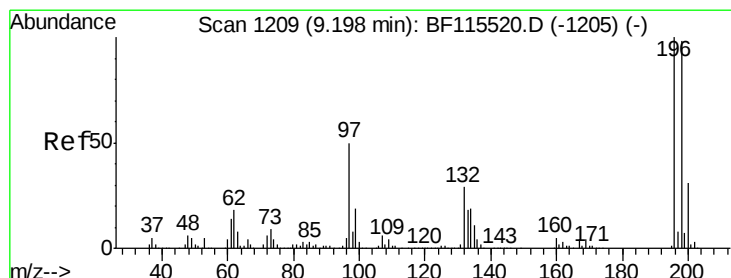
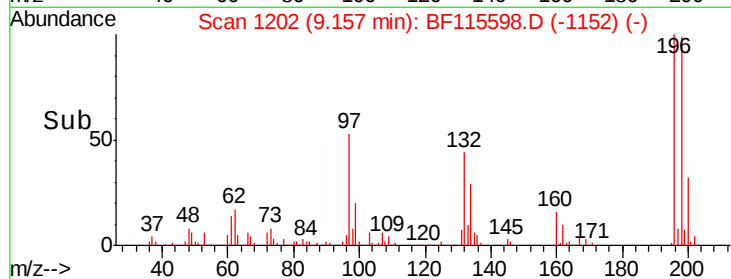
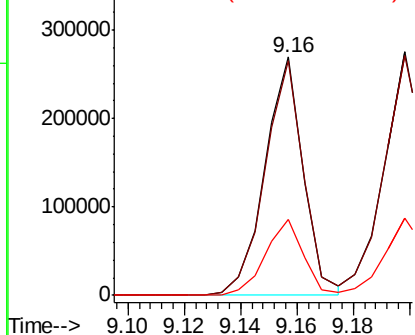
Tot Ion:	196	Resp:	253836
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.6	121.0
200	31.7	25.8	38.6

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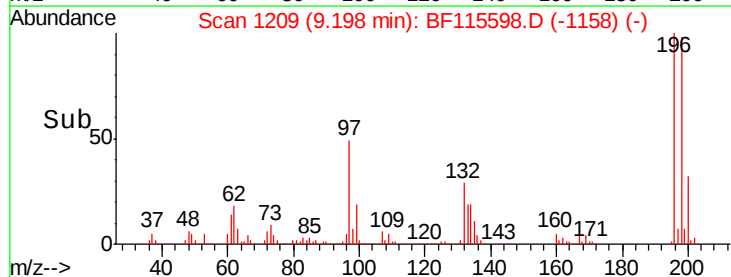
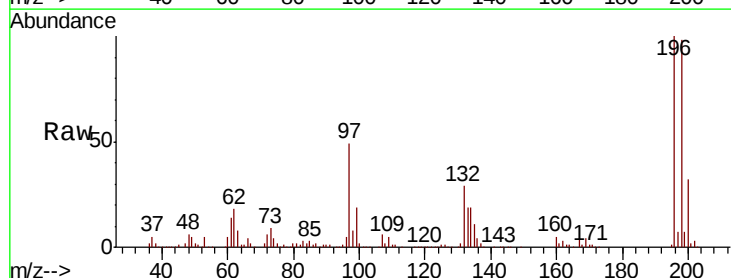
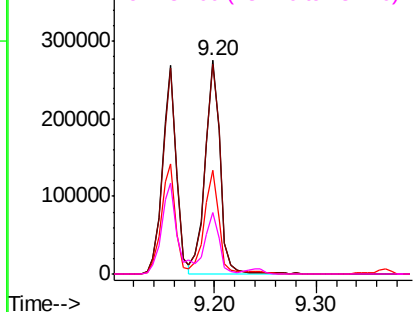
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

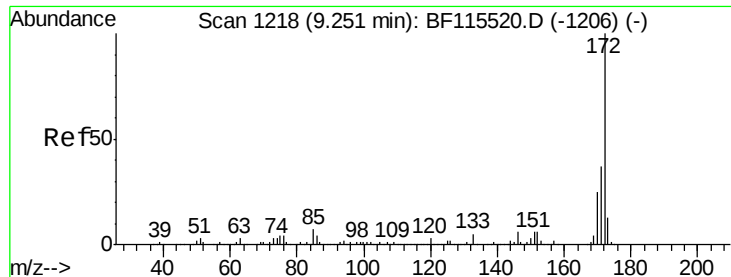


#44
 2,4,5-Trichlorophenol
 Concen: 43.807 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:	196	Resp:	278848
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.6	119.4
97	48.8	37.8	56.6
132	28.6	22.8	34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





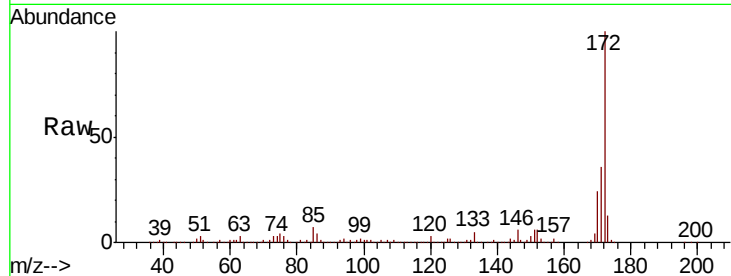
#45
2-Fluorobiphenyl
Concen: 98.526 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	24.4	20.5	30.7

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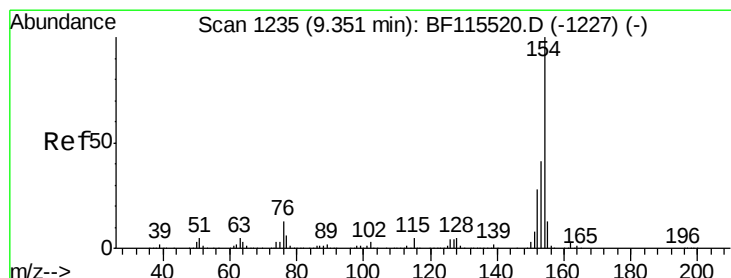
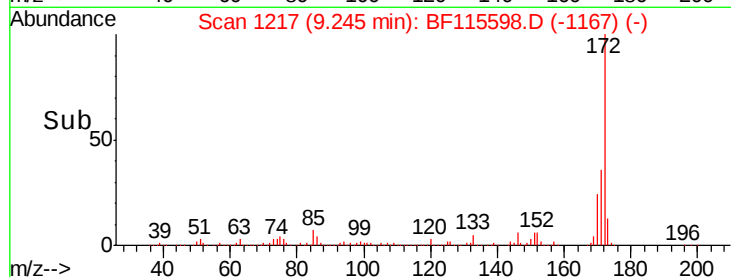
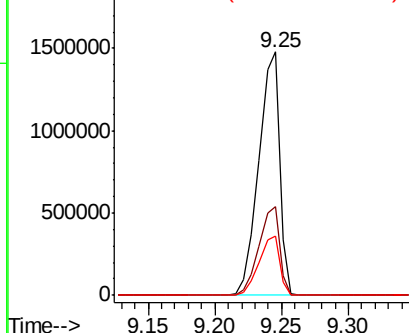


Abundance

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: 43.985 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

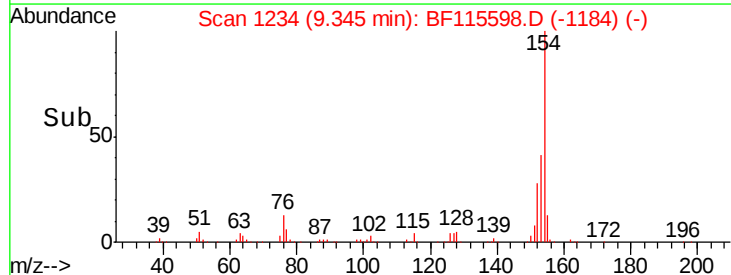
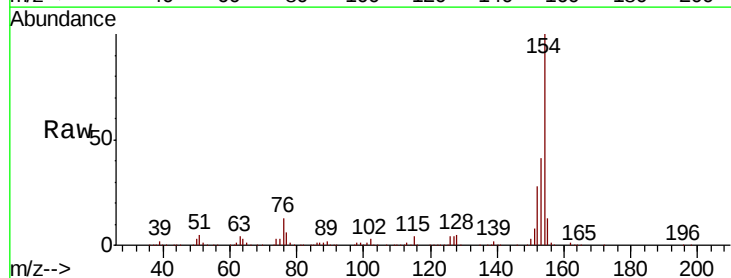
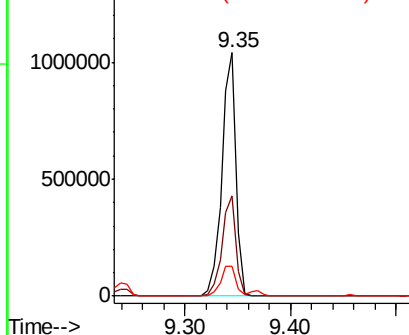
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.6	62.6
76	12.5	0.0	33.4

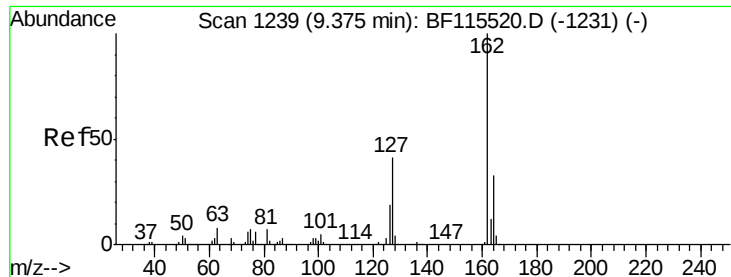
Abundance

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





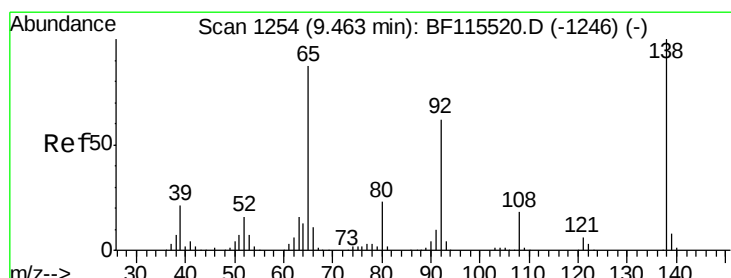
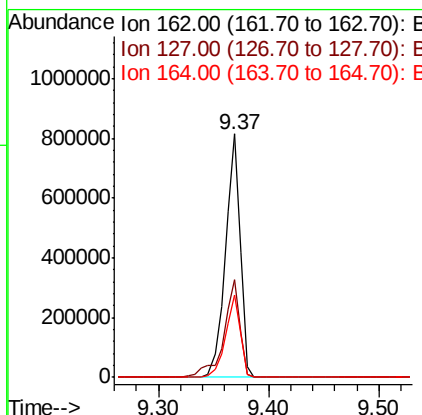
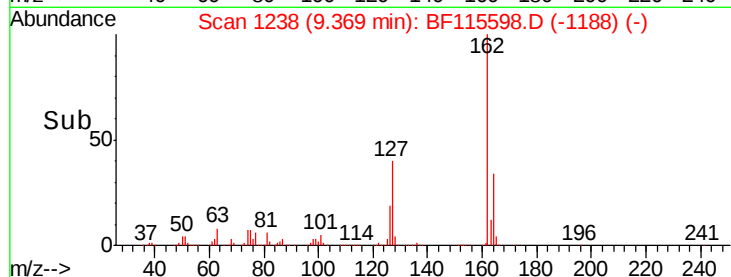
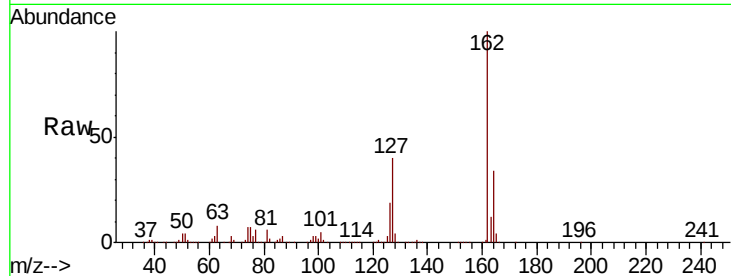
#47
2-Chloronaphthalene
Concen: 41.518 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	34.1	51.1	
164	33.9	27.4	41.2	

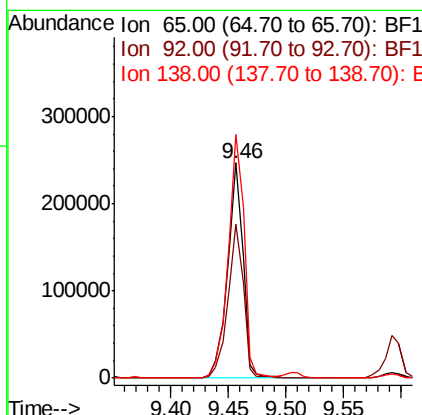
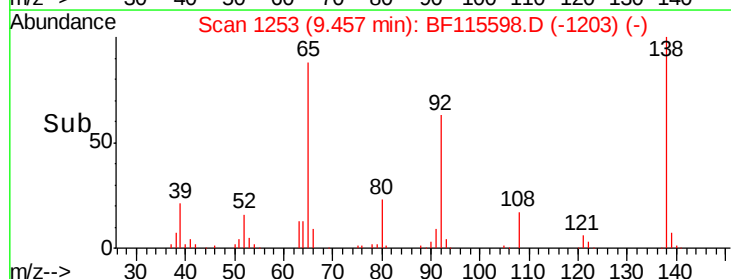
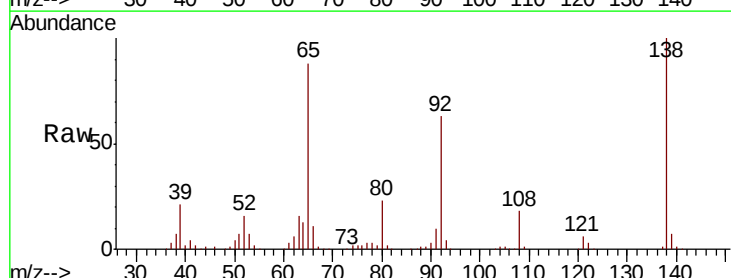
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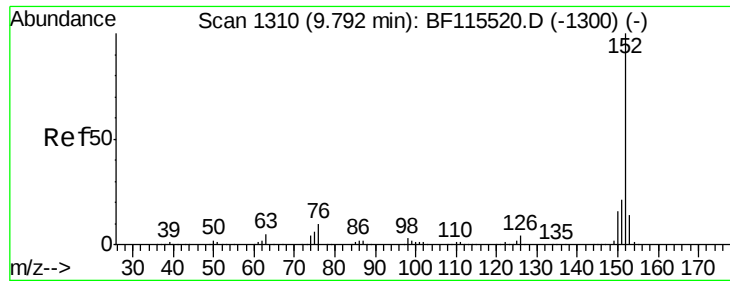
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#48
2-Nitroaniline
Concen: 40.440 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.5	57.8	86.6	
138	113.2	91.2	136.8	





#49

Acenaphthylene

Concen: 43.142 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMS

Tot Ion:152 Resp: 1174494

Ion Ratio Lower Upper

152 100

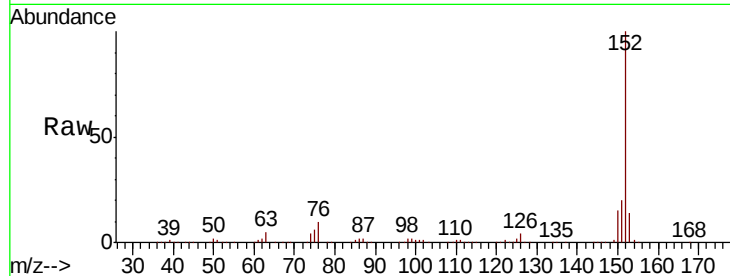
151 20.4 17.7 26.5

153 13.7 12.0 18.0

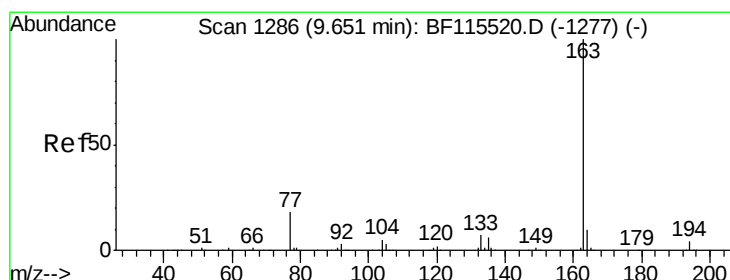
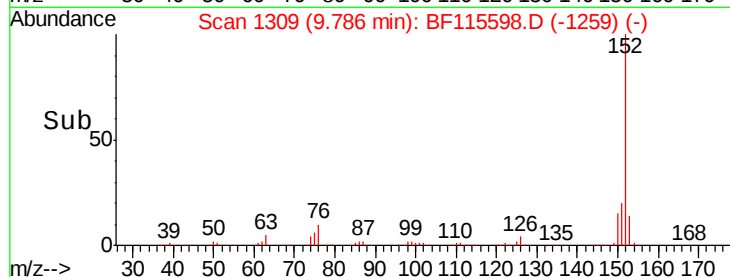
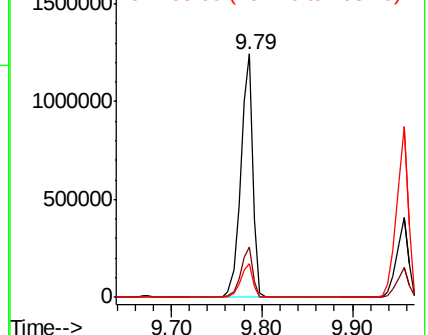
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.023 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

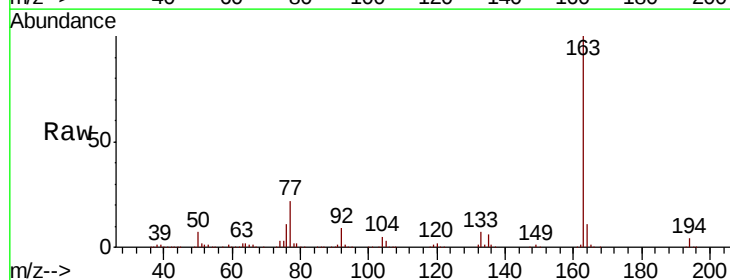
Tgt Ion:163 Resp: 913603

Ion Ratio Lower Upper

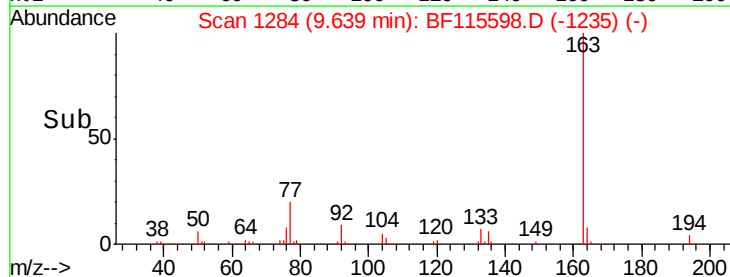
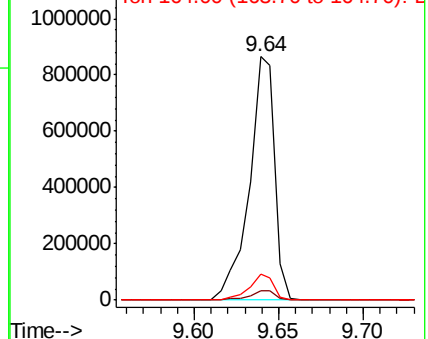
163 100

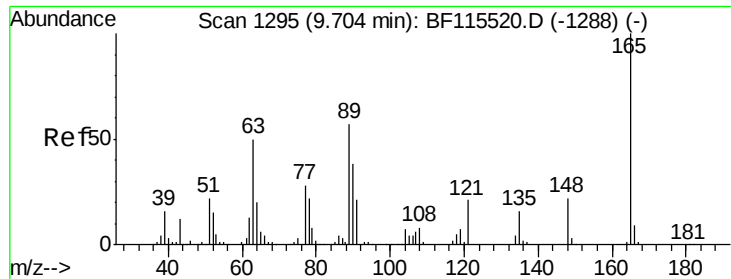
194 3.8 3.3 4.9

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.320 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

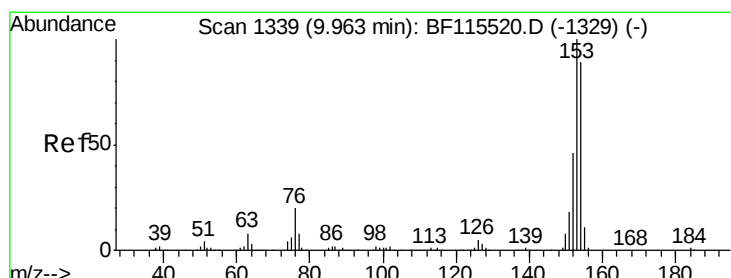
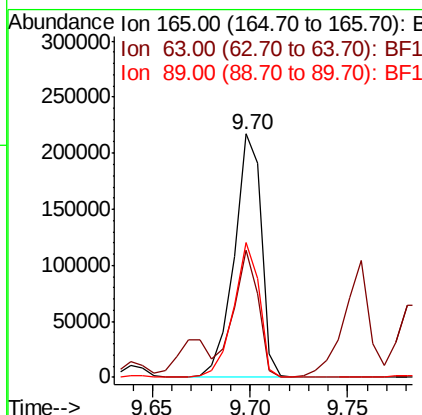
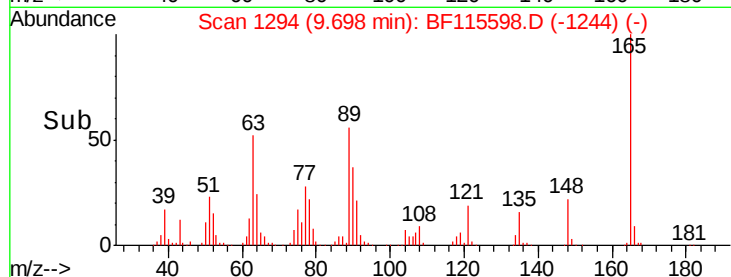
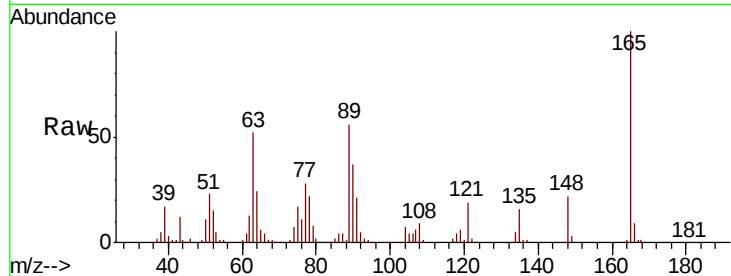
ClientSampleId :

CL-01-071219-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		209052		
63	52.3	40.6	61.0		
89	55.6	43.9	65.9		

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#52

Acenaphthene

Concen: 42.676 ng

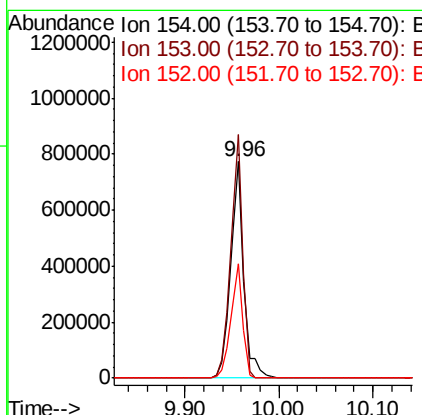
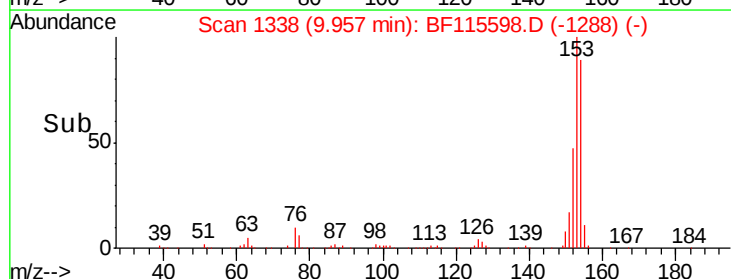
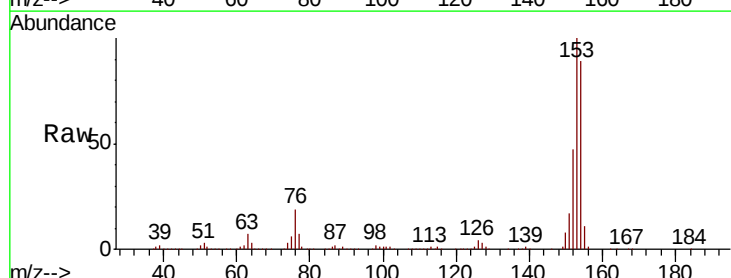
RT: 9.96 min Scan# 1338

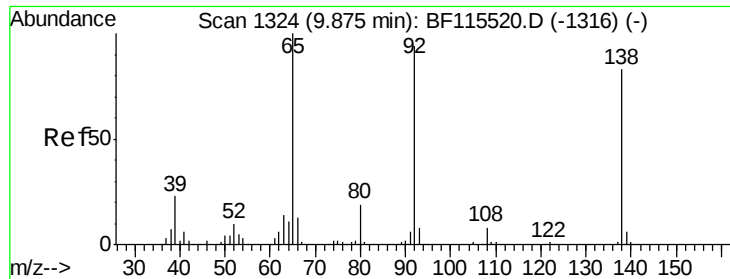
Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		750088		
153	112.6	88.6	133.0		
152	52.7	42.3	63.5		





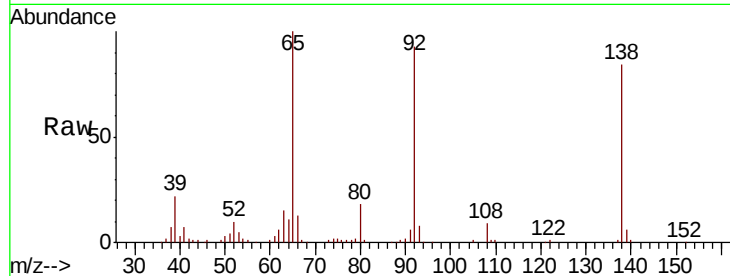
#53
3-Nitroaniline
Concen: 13.949 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.4	12.6
92	110.9	88.0	132.0

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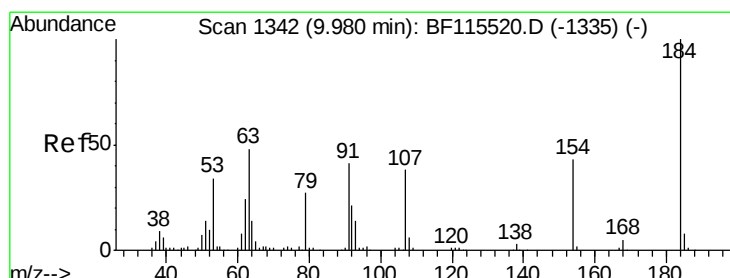
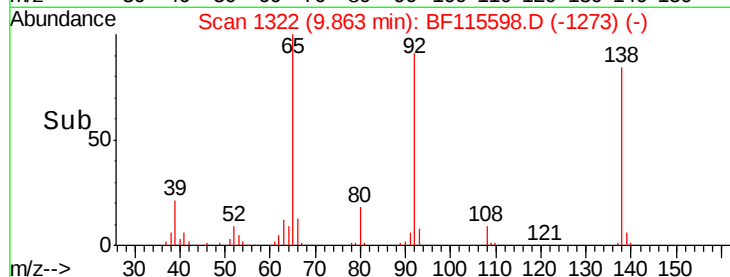
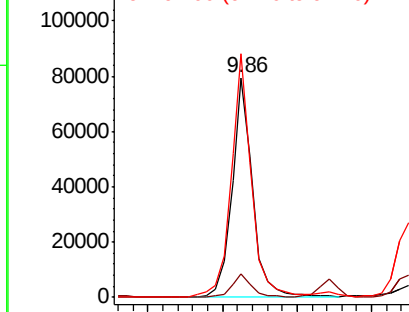


Abundance

Ion 138.00 (137.70 to 138.70): E

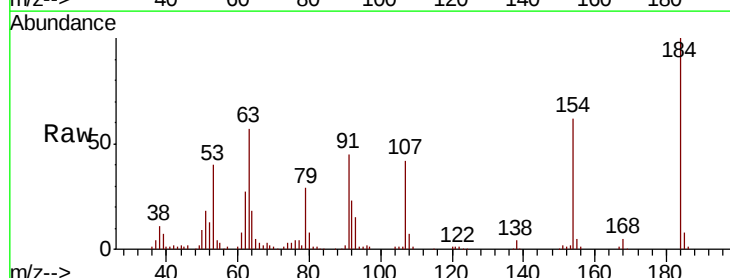
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 41.709 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	48.7	73.1
154	61.9	48.6	73.0

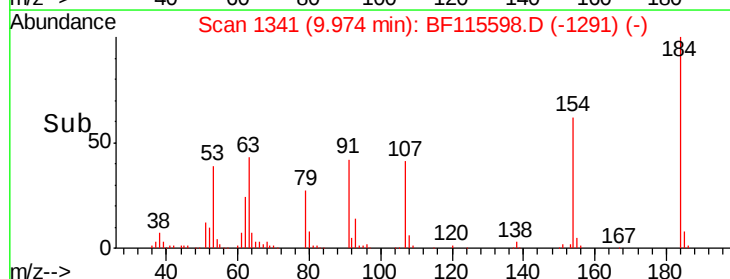
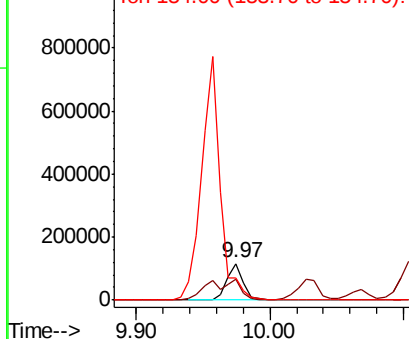


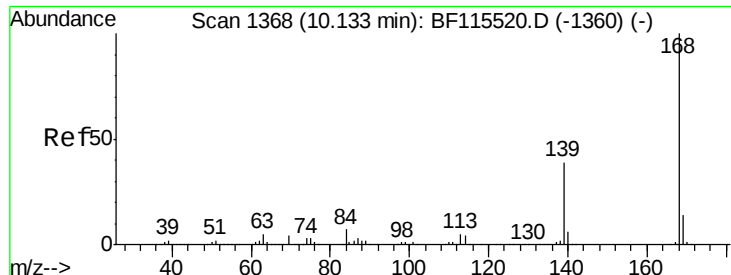
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





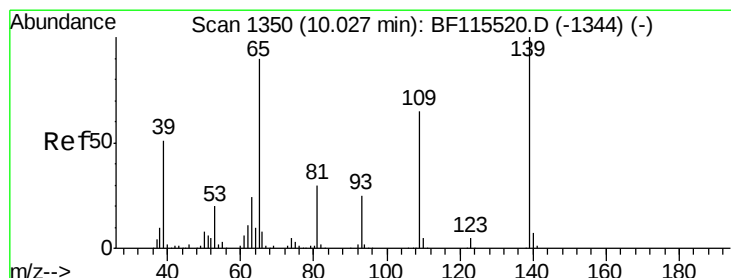
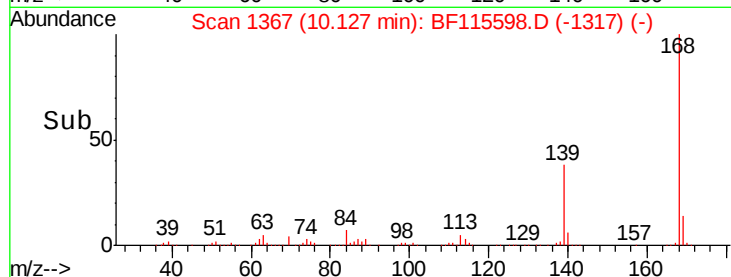
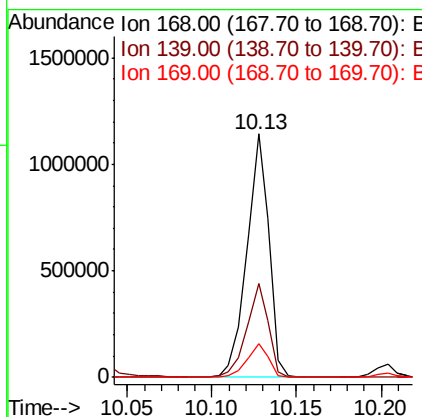
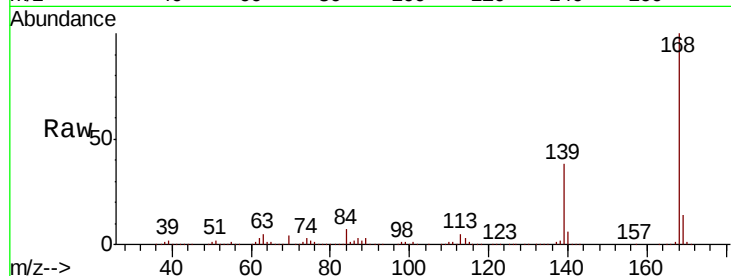
#55
Dibenzenofuran
Concen: 41.782 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.9	11.1	16.7

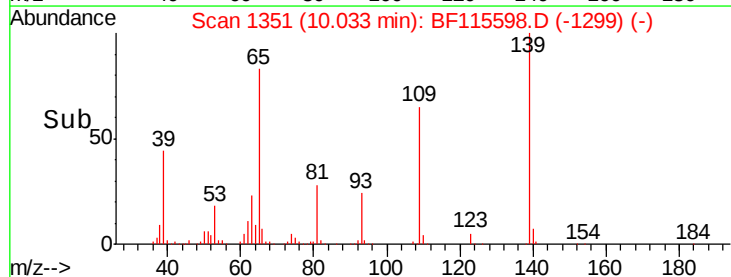
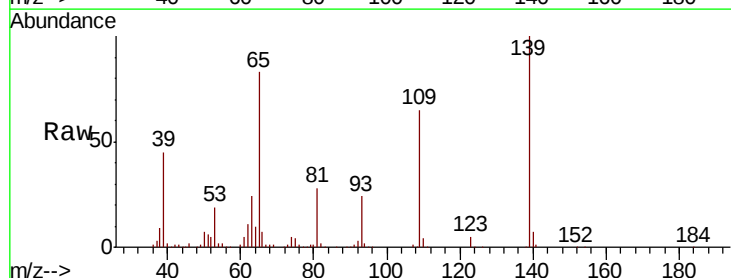
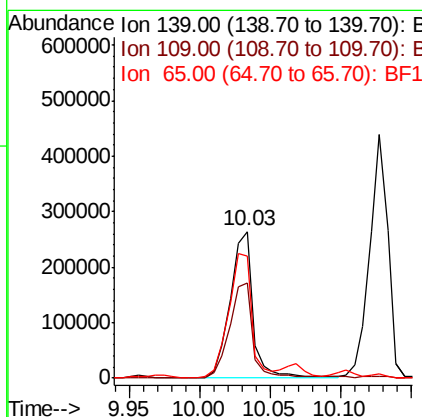
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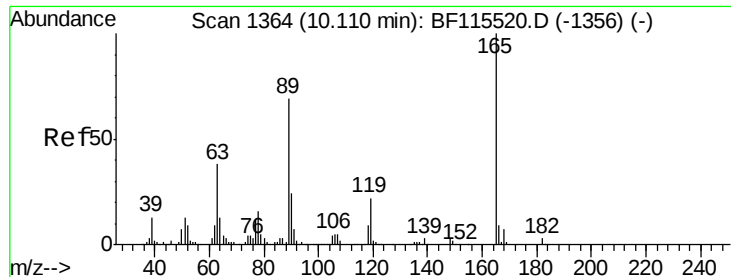
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#56
4-Nitrophenol
Concen: 71.567 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	46.4	86.4
65	82.9	68.9	108.9





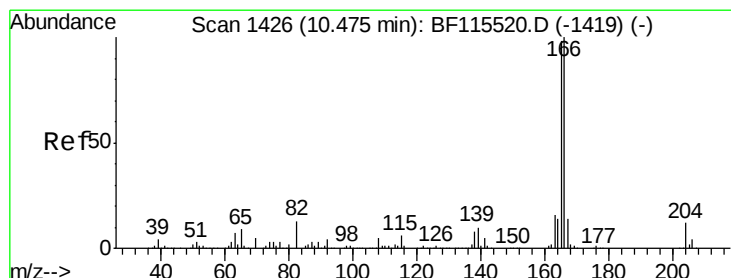
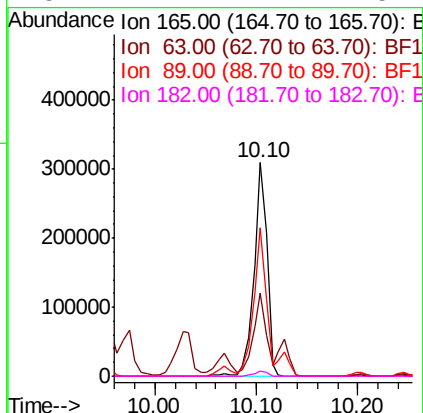
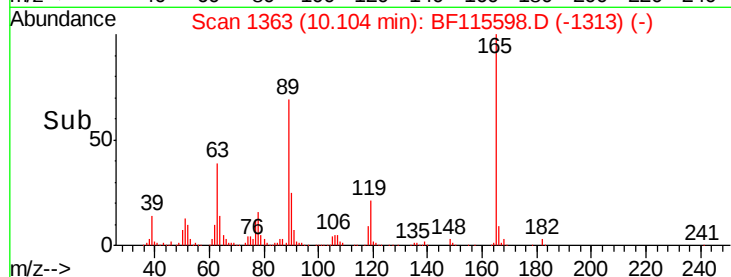
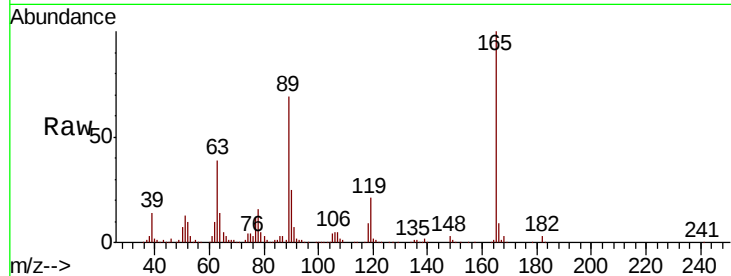
#57
2,4-Dinitrotoluene
Concen: 44.218 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	34.9	52.3
89	69.3	57.5	86.3
182	2.7	2.2	3.4

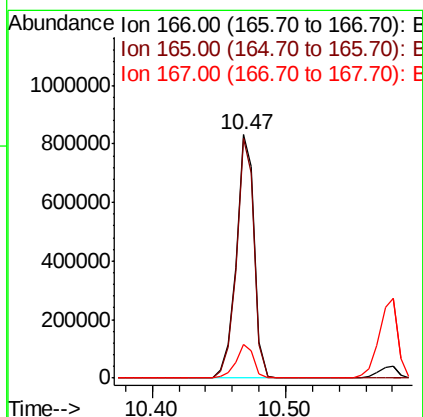
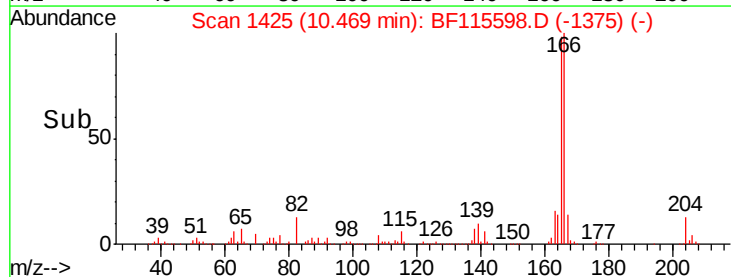
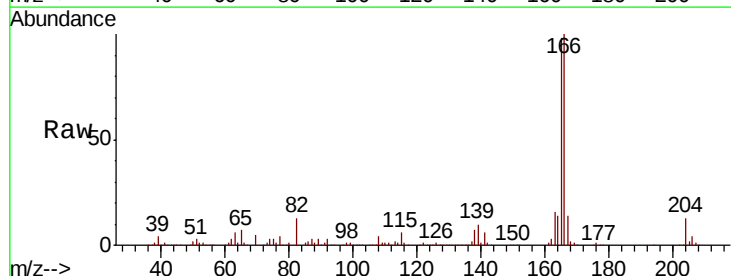
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#58
Fluorene
Concen: 43.826 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.6
167	13.7	11.2	16.8





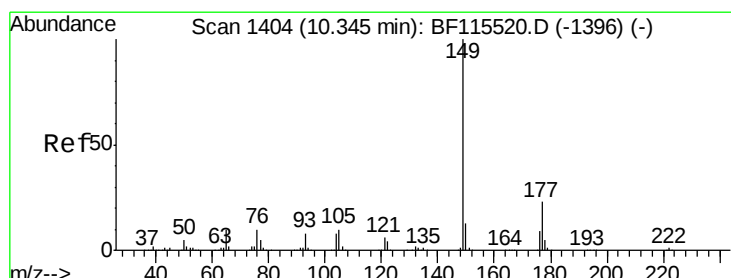
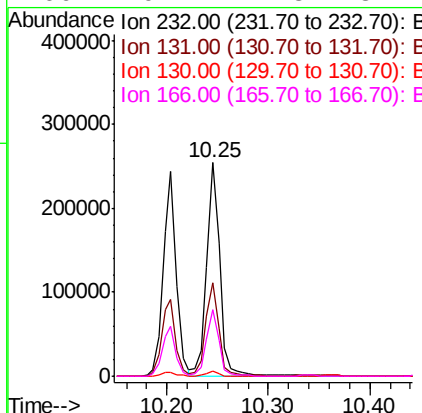
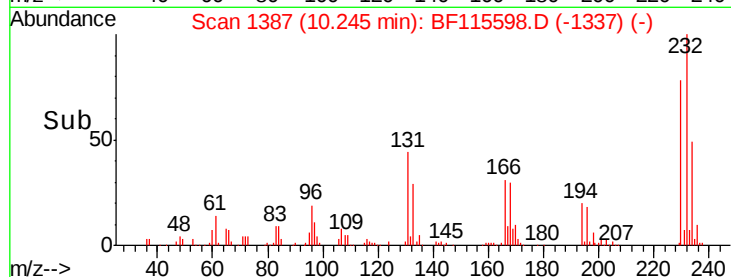
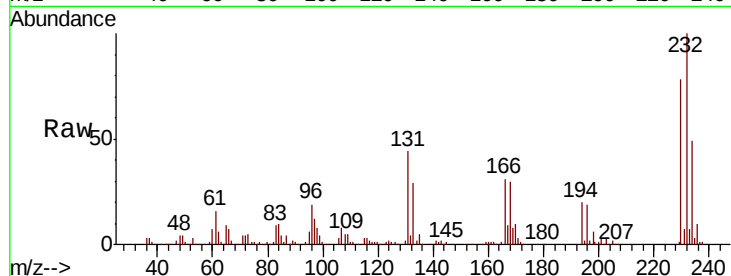
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.901 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	228279		
131	43.5		35.9	53.9
130	2.0		1.8	2.6
166	29.7		24.8	37.2

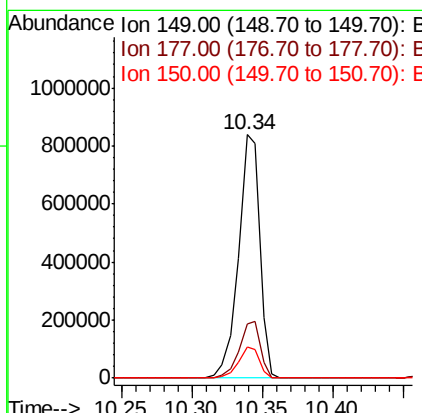
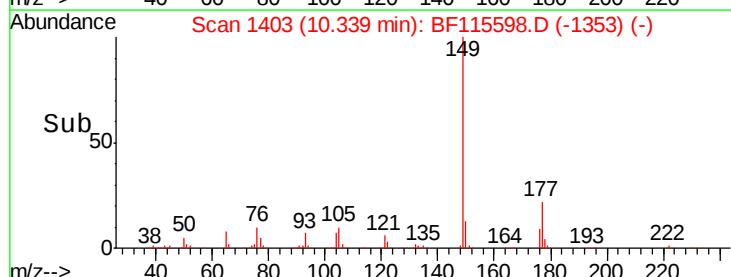
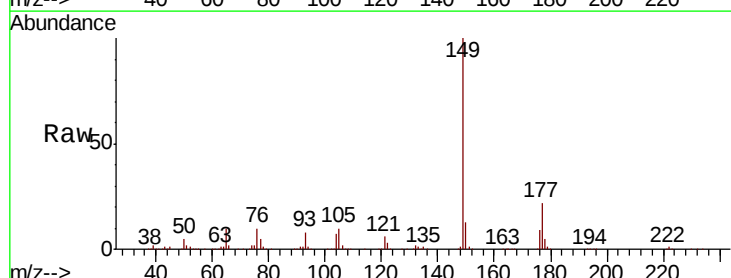
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#60
 Diethylphthalate
 Concen: 44.116 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	877753		
177	22.5		19.5	29.3
150	12.8		10.4	15.6





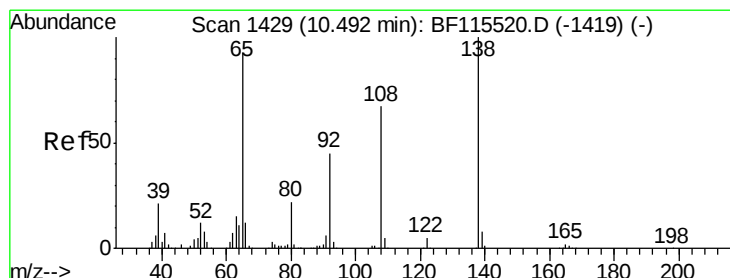
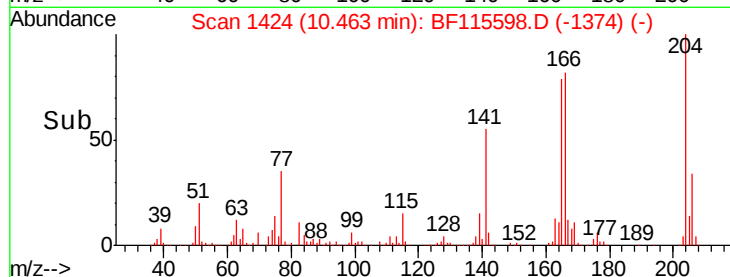
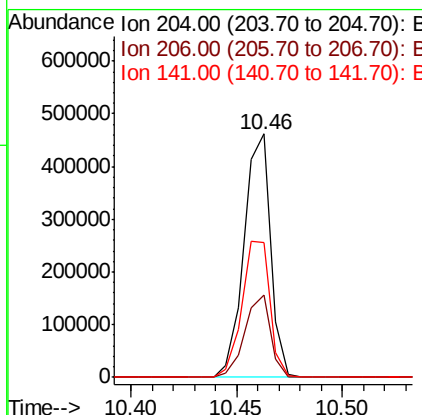
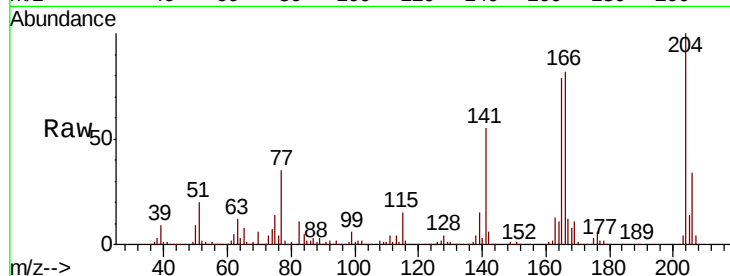
#61
 4-Chlorophenyl-phenylether
 Concen: 40.849 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

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

Tot Ion:	204	Resp:	404214
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.7	40.1
141	55.4	44.2	66.2

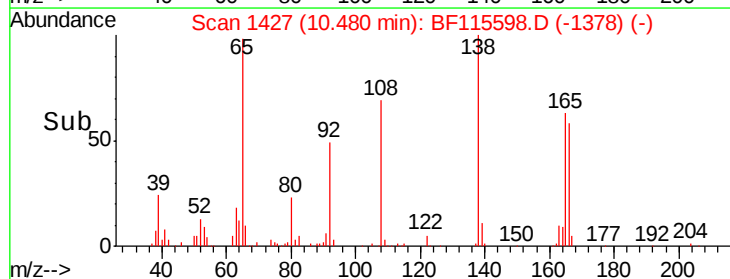
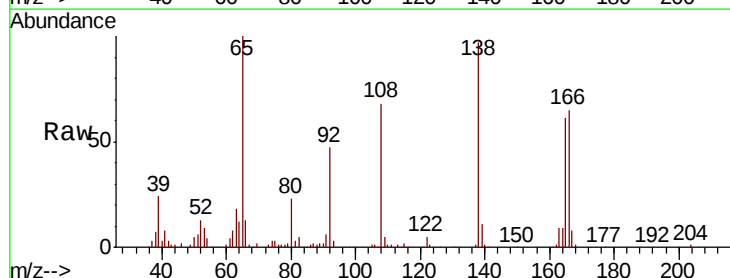
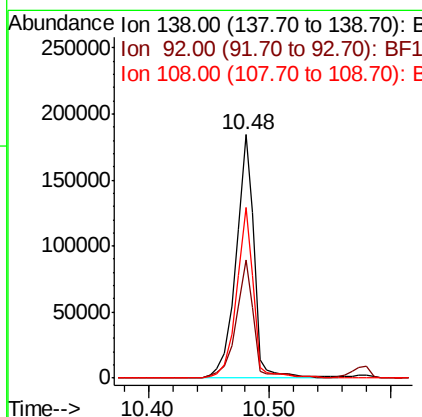
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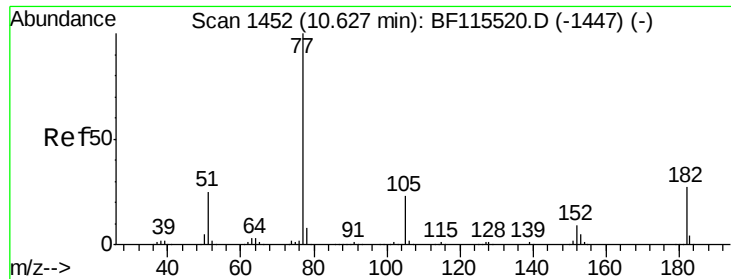
mohammad
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#62
 4-Nitroaniline
 Concen: 36.409 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:	138	Resp:	192594
Ion Ratio	Lower	Upper	
138	100		
92	48.8	27.1	67.1
108	70.3	48.0	88.0





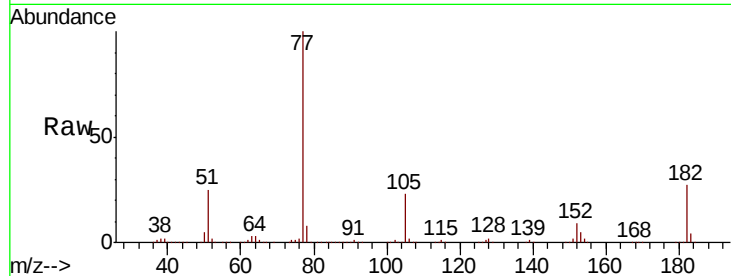
#63
Azobenzene
Concen: 43.285 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.4	6.9	46.9	
105	23.1	3.9	43.9	
51	25.2	7.3	47.3	

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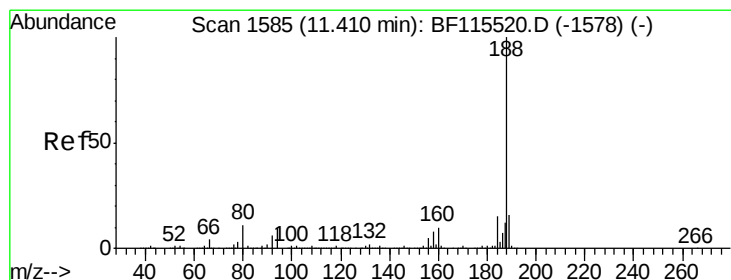
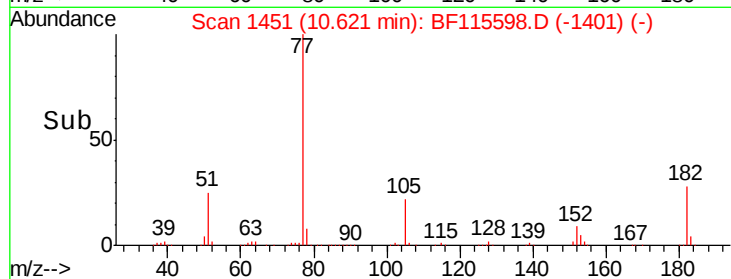
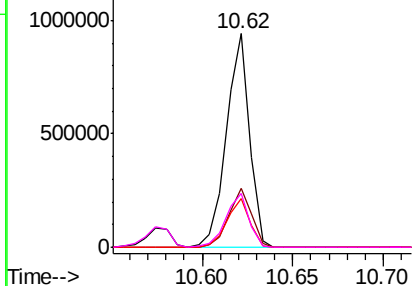
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

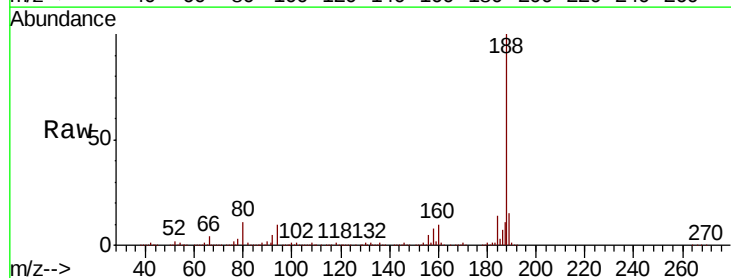
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	7.8	11.6	
80	11.1	8.6	13.0	

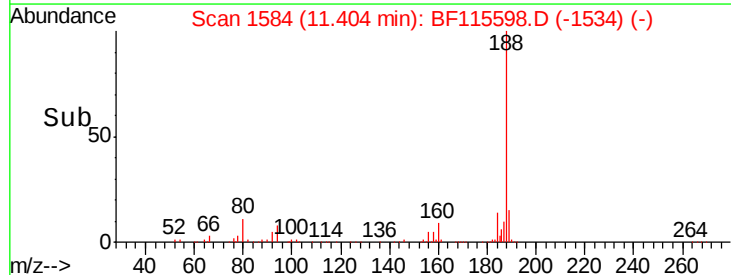
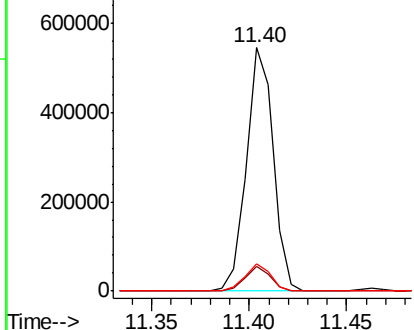


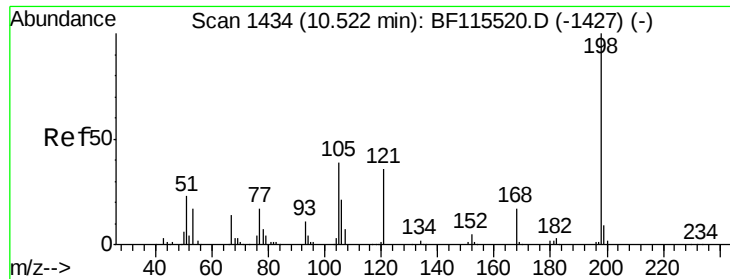
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 26.491 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMS

Tot Ion:198 Resp: 84148

Ion Ratio Lower Upper

198 100

51 32.4 19.1 59.1

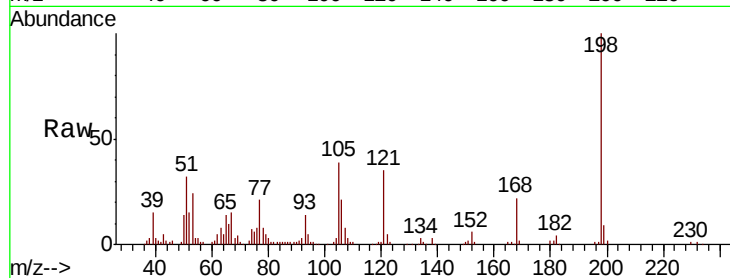
105 38.7 23.6 63.6

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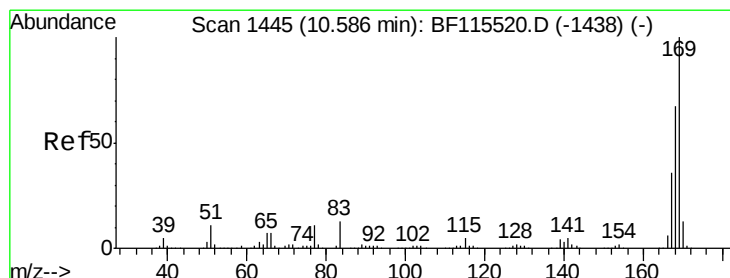
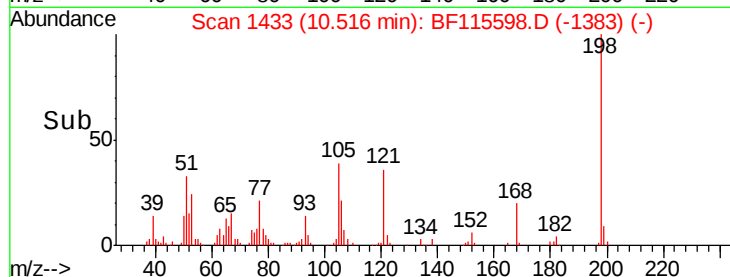
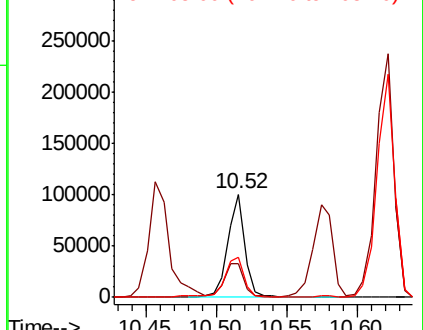
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.689 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

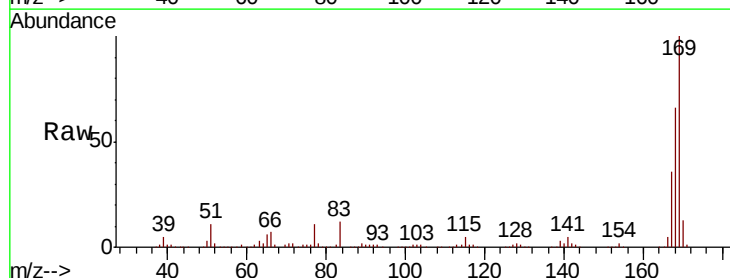
Tgt Ion:169 Resp: 722721

Ion Ratio Lower Upper

169 100

168 66.3 54.3 81.5

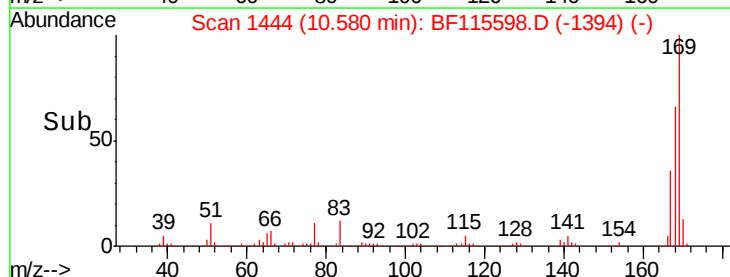
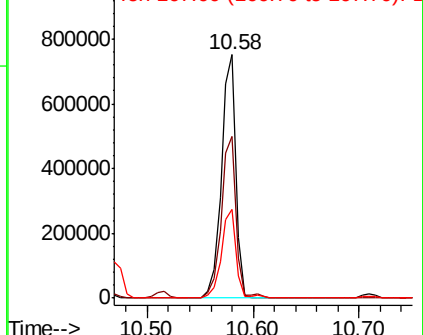
167 36.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





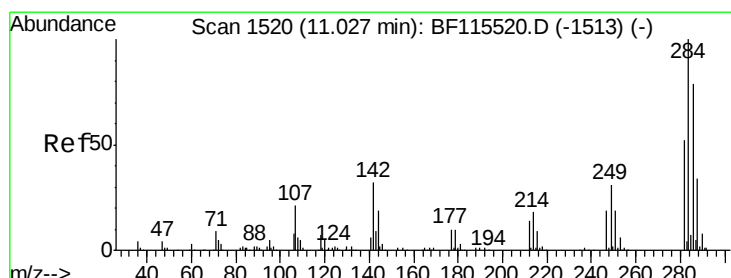
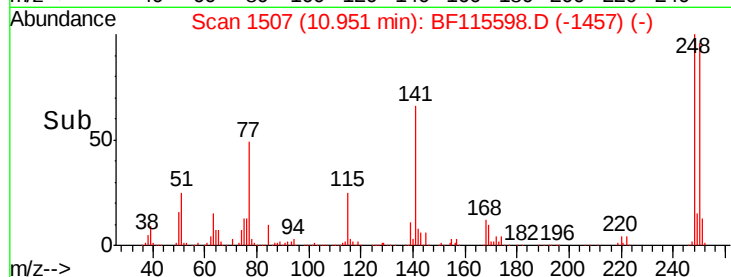
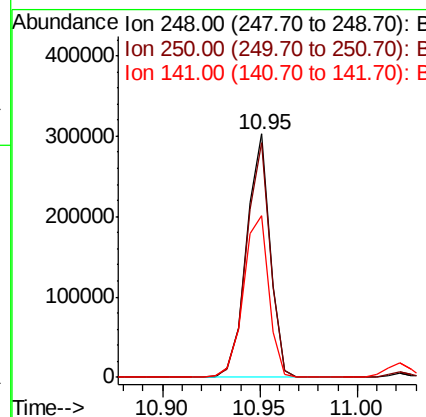
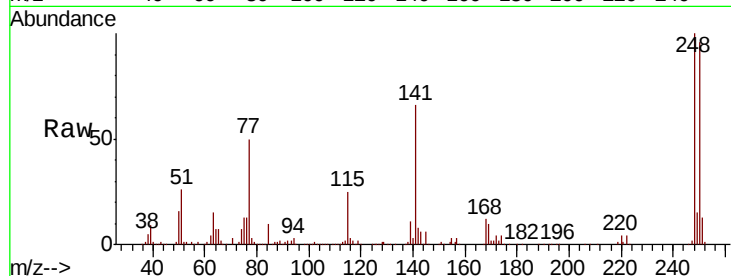
#67
4-Bromophenyl-phenylether
Concen: 42.690 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.0	117.0
141	66.2	57.7	86.5

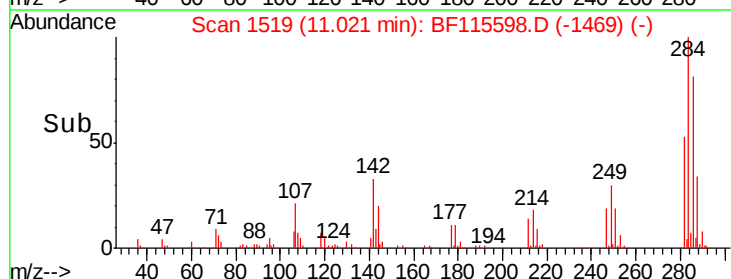
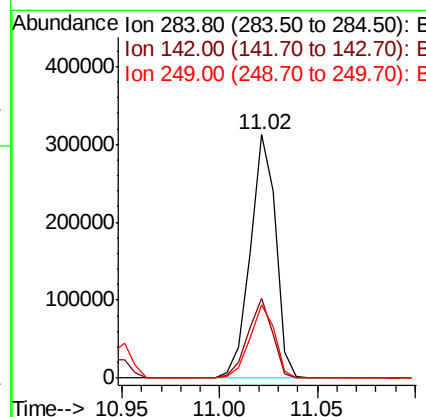
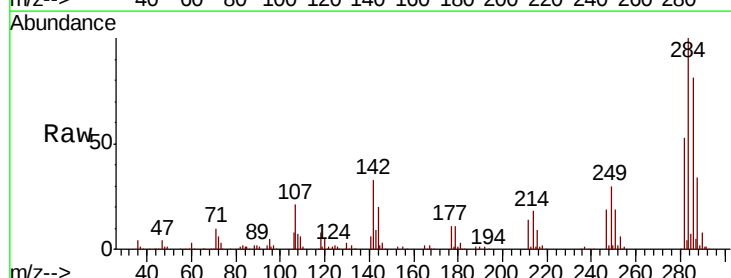
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#68
Hexachlorobenzene
Concen: 41.447 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	22.2	33.2
249	30.3	23.4	35.2





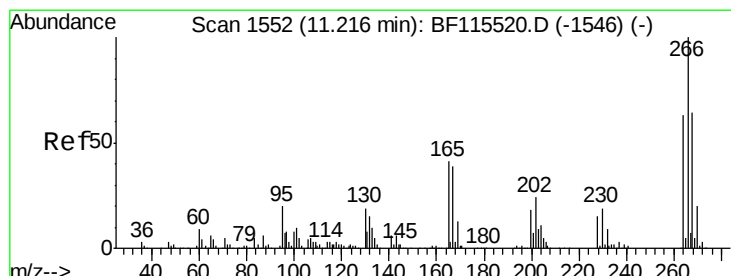
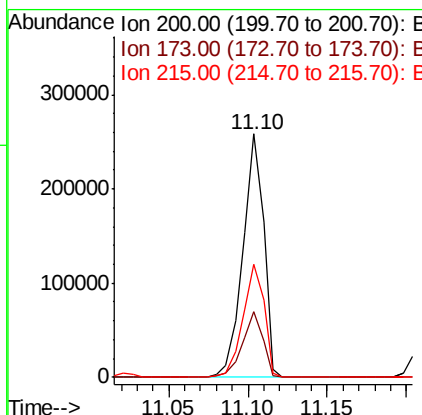
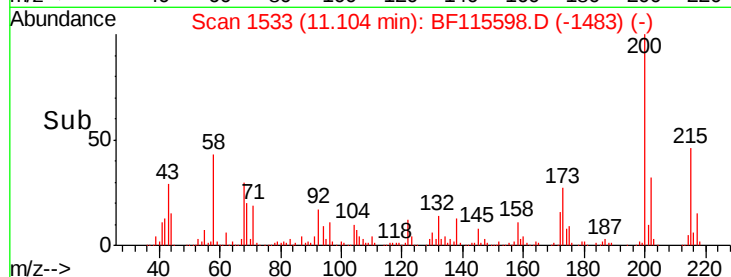
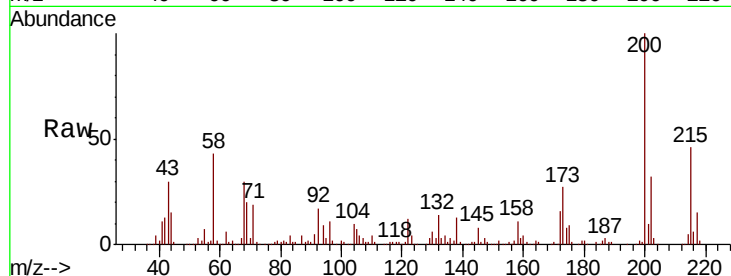
#69
Atrazine
Concen: 44.300 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.9	46.9
215	46.3	27.9	67.9

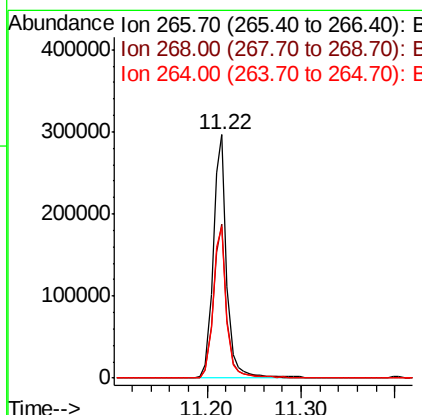
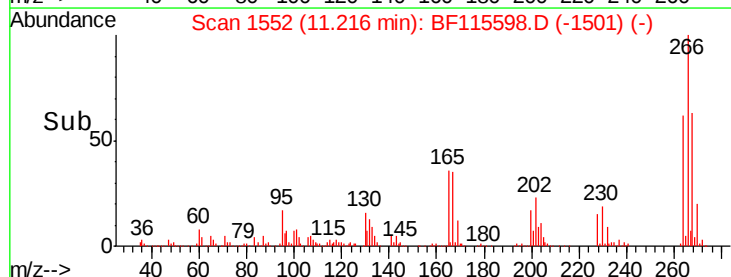
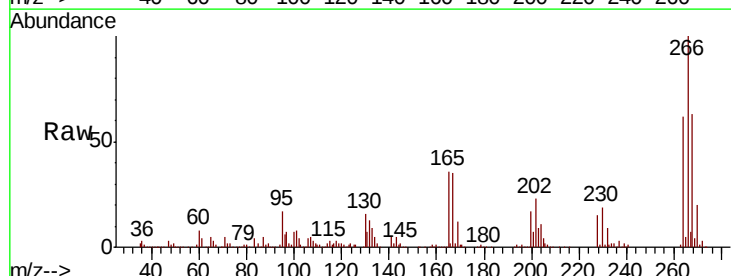
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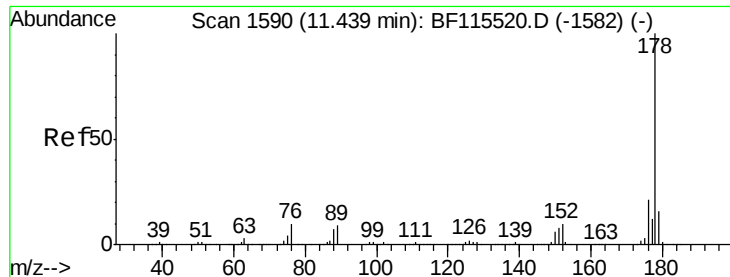
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#70
Pentachlorophenol
Concen: 73.279 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	51.6	77.4
264	62.0	50.6	76.0





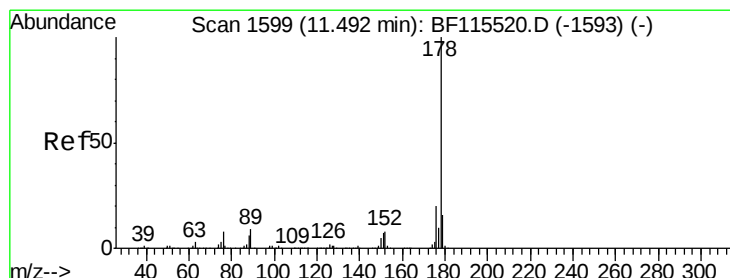
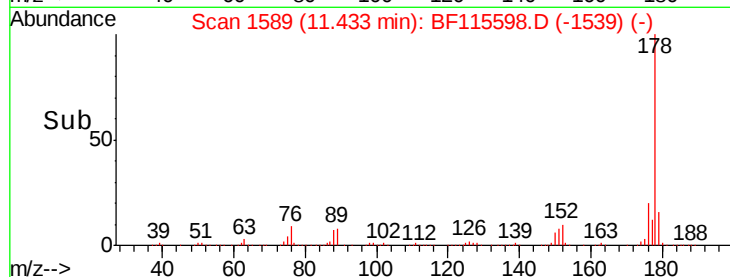
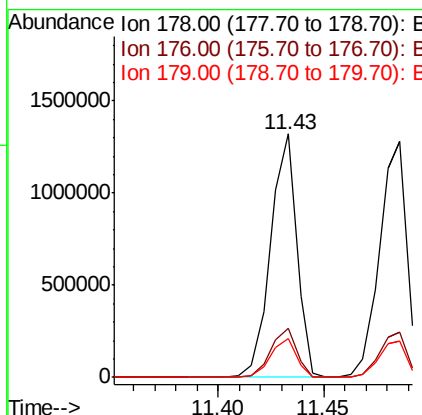
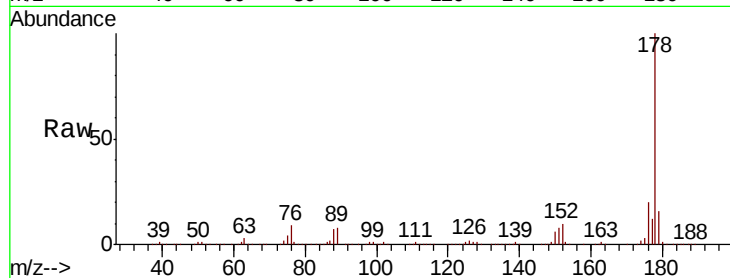
#71
Phenanthrene
Concen: 43.016 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.2	25.8
179	15.9	13.5	20.3

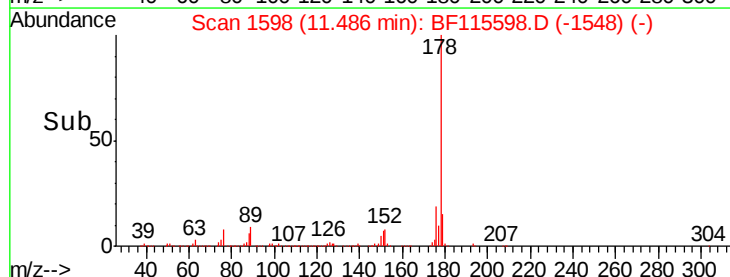
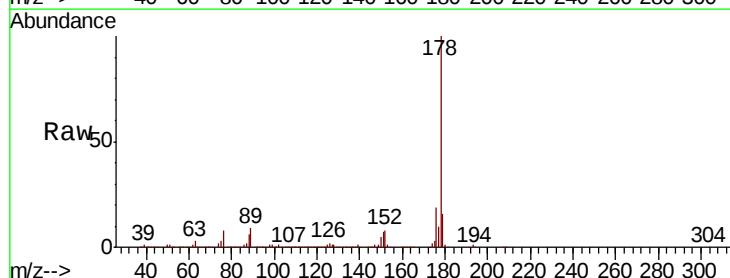
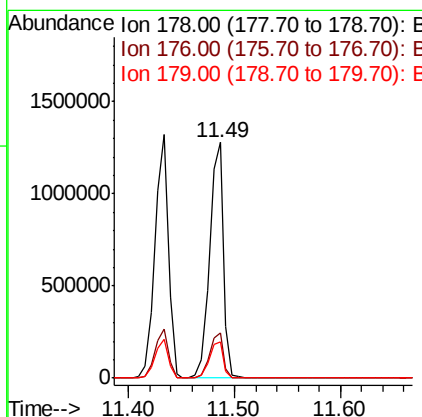
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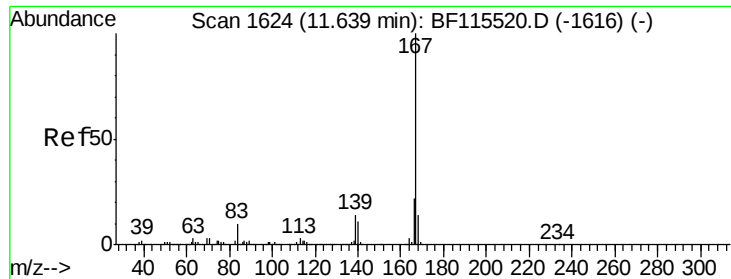
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#72
Anthracene
Concen: 42.516 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.5	12.7	19.1





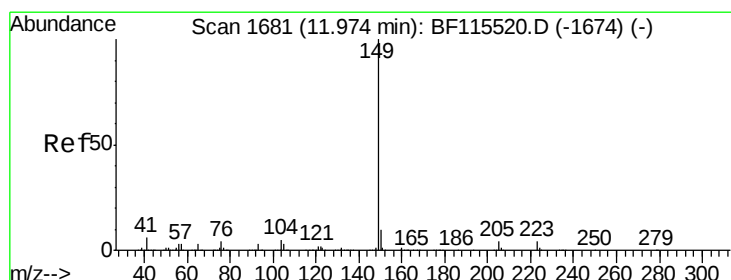
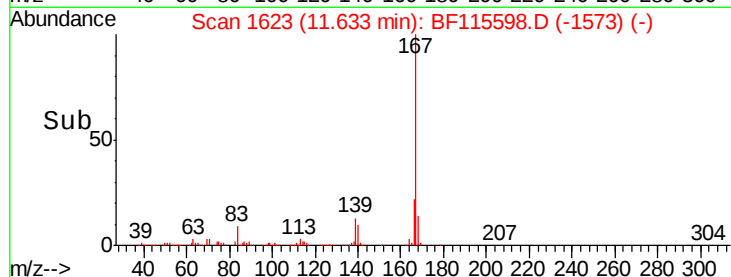
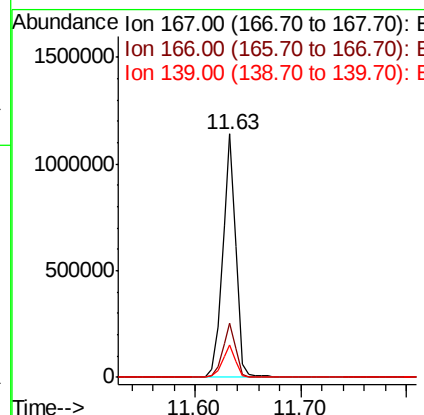
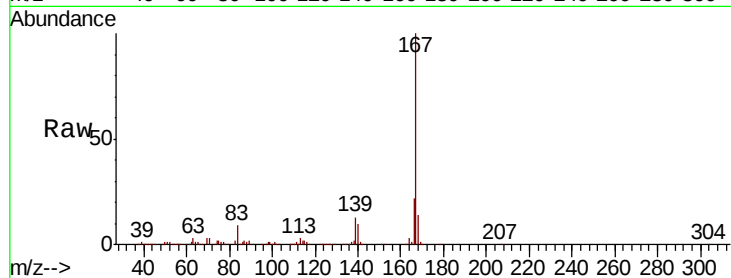
#73
 Carbazole
 Concen: 42.024 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.4	11.3	16.9

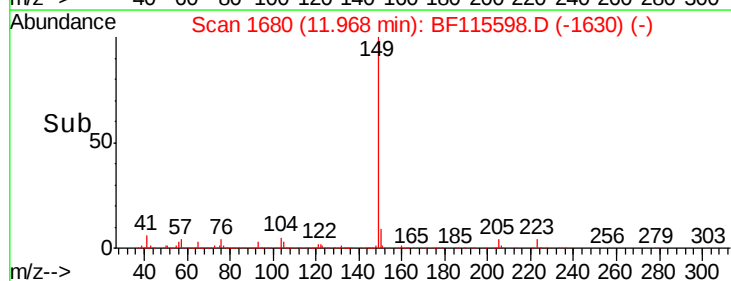
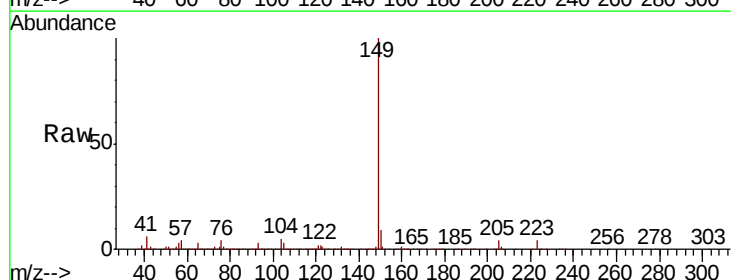
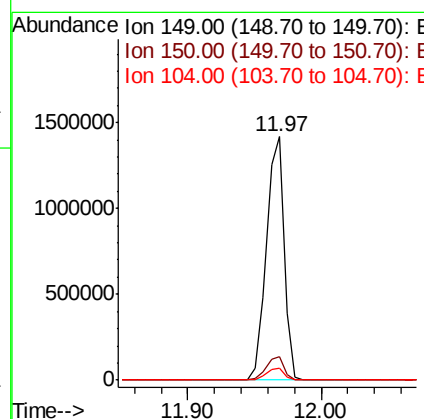
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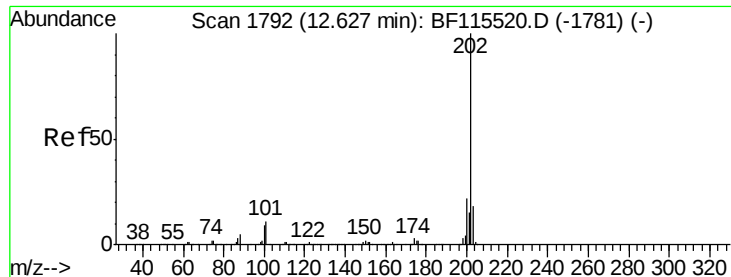
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#74
 Di-n-butylphthalate
 Concen: 43.301 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.8	3.8	5.8





#75

Fluoranthene

Concen: 40.423 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

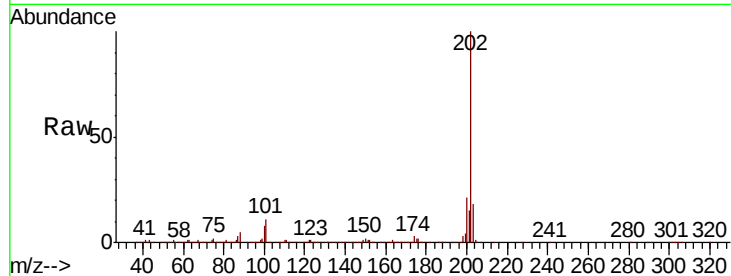
ClientSampleId :

CL-01-071219-AMS

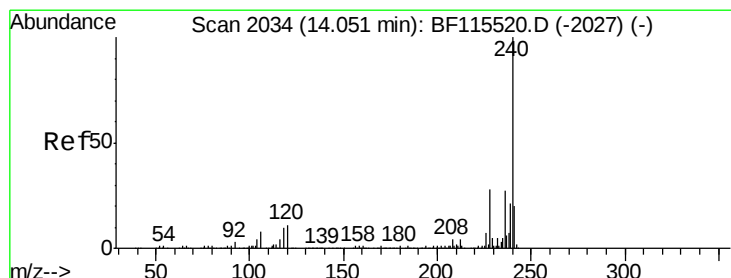
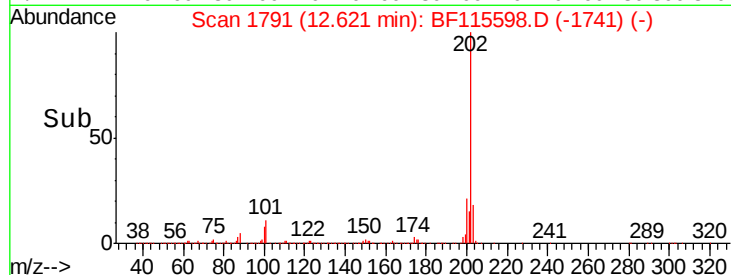
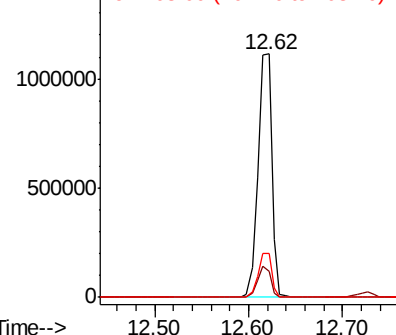
Tot Ion:	202	Resp:	1138382
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

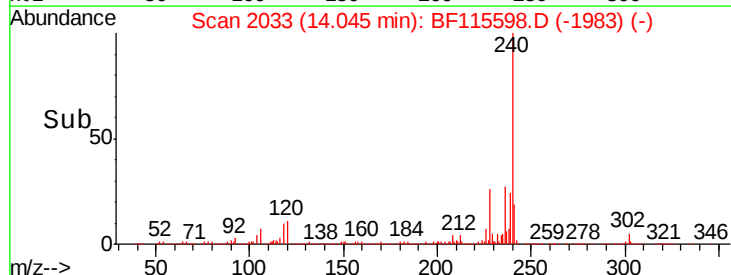
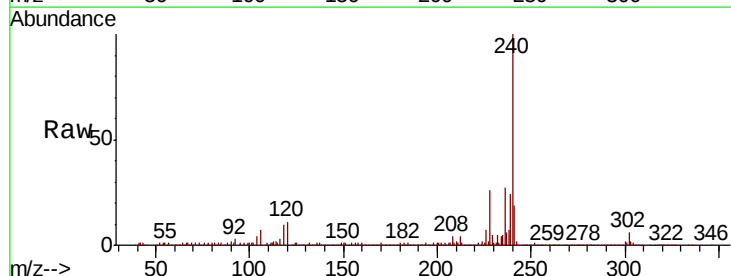
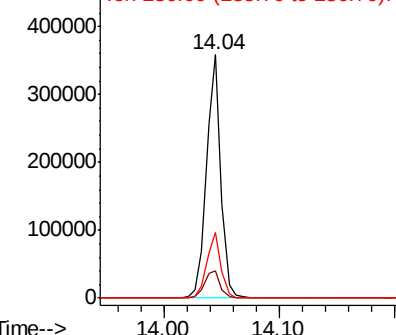
Delta R.T. -0.01 min

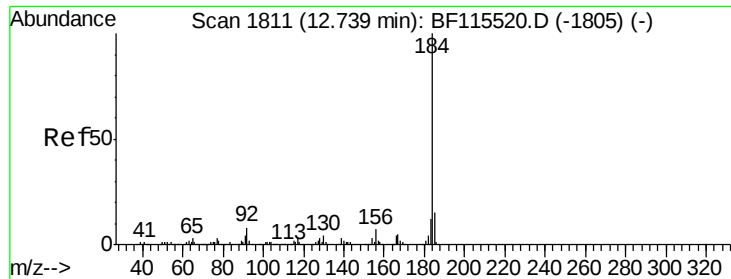
Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	240	Resp:	308879
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	26.8	21.3	31.9

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.470 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

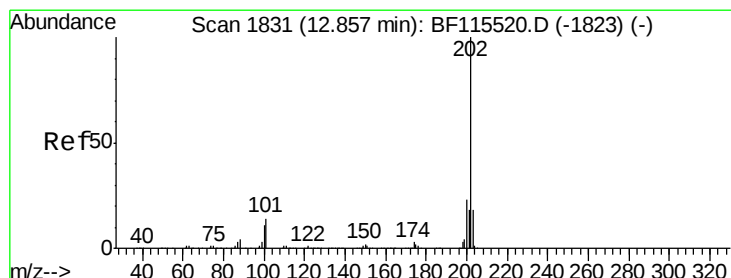
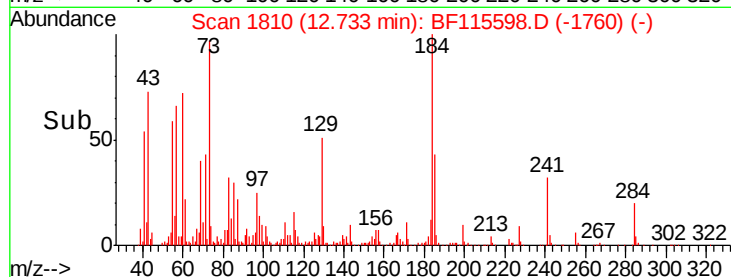
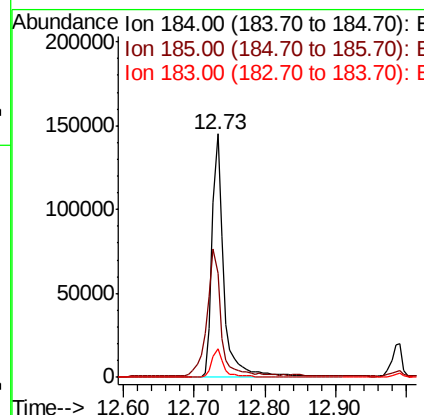
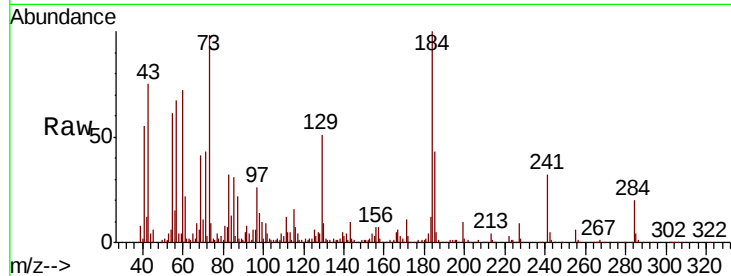
ClientSampleId :

CL-01-071219-AMS

Tot Ion:	184	Resp:	169272
Ion Ratio	Lower	Upper	
184	100		
185	43.0	12.0	18.0#
183	11.7	9.3	13.9

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#78

Pyrene

Concen: 41.913 ng

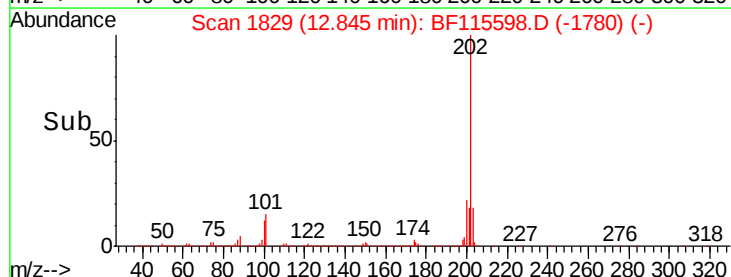
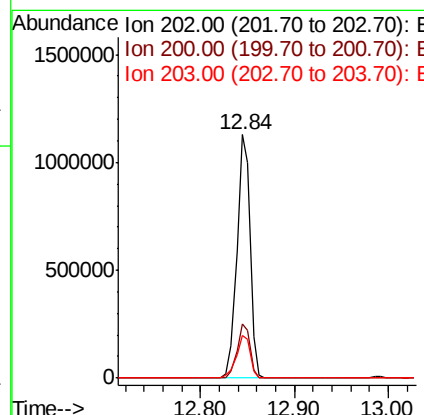
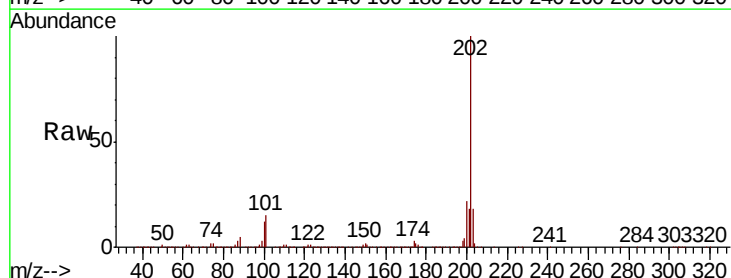
RT: 12.84 min Scan# 1829

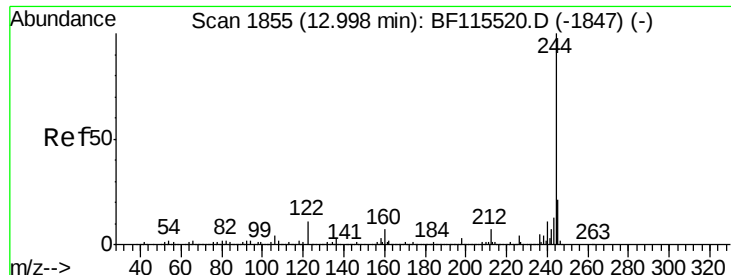
Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	202	Resp:	1096834
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.7	28.1
203	17.7	15.2	22.8





#79

Terphenyl-d14

Concen: 93.400 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMS

Tot Ion:244 Resp: 1563507

Ion Ratio Lower Upper

244 100

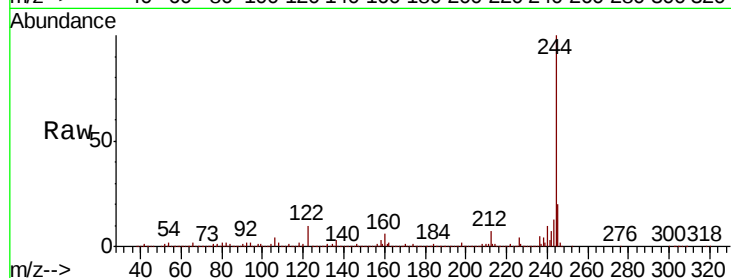
212 7.0 6.0 9.0

122 10.4 8.6 12.8

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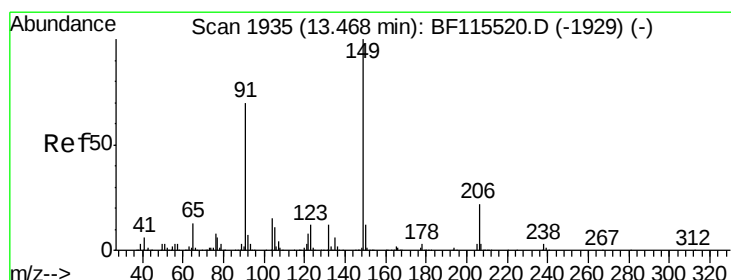
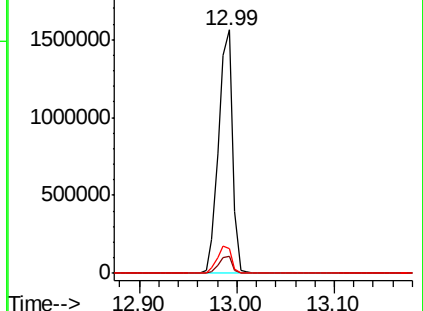
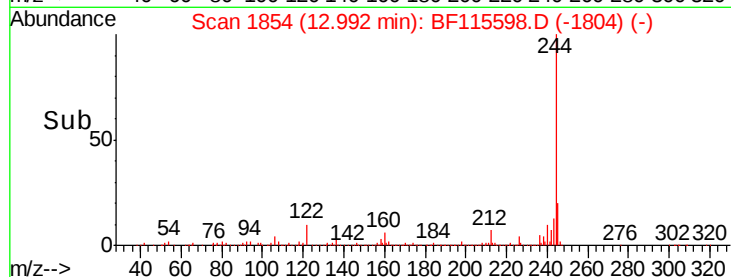
7/17/2019 12:06:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.528 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

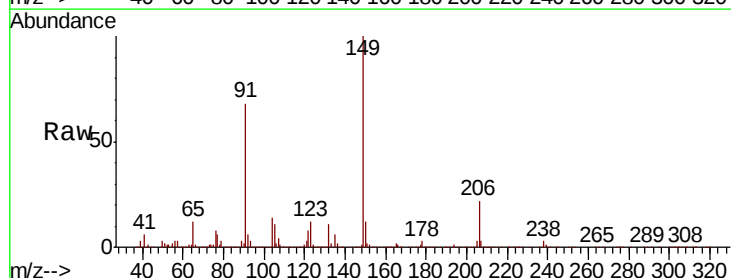
Tgt Ion:149 Resp: 474439

Ion Ratio Lower Upper

149 100

91 67.6 55.8 83.8

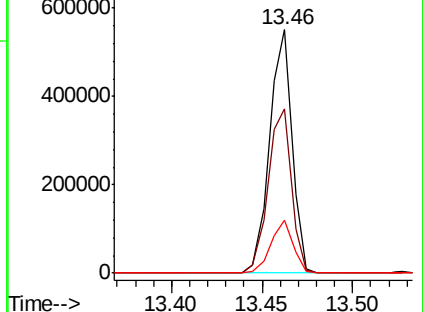
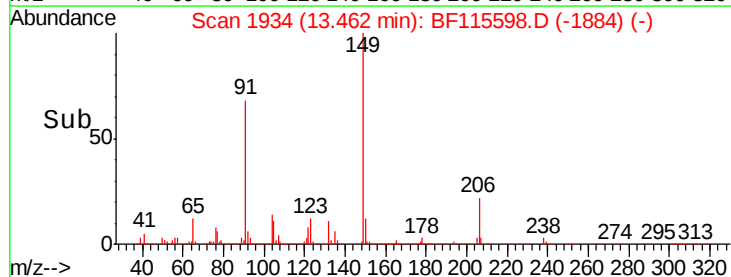
206 21.8 18.2 27.2

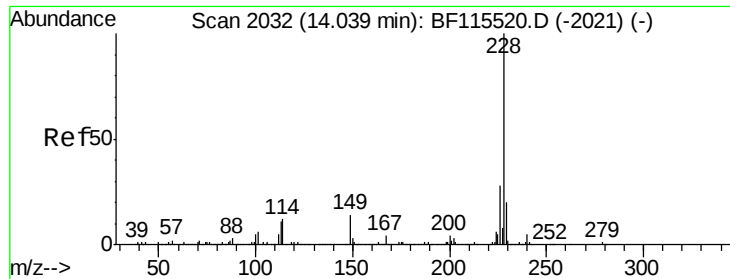


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





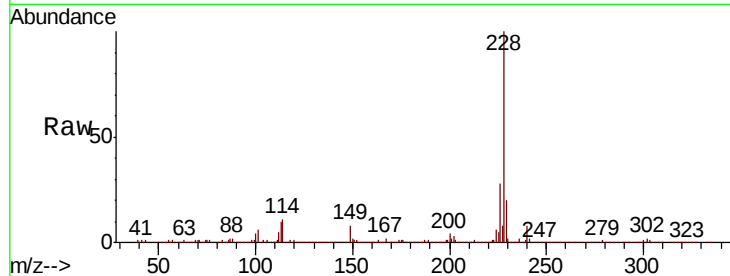
#81
Benzo(a)anthracene
Concen: 42.315 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.0
229	20.0	17.2	25.8

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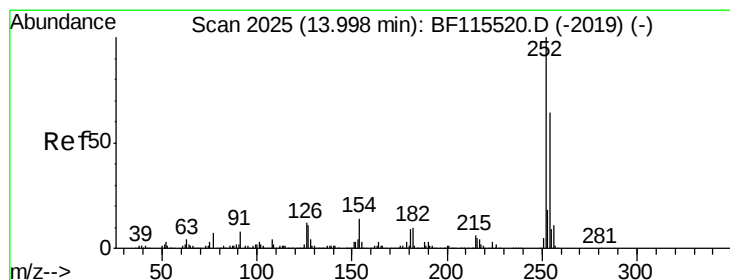
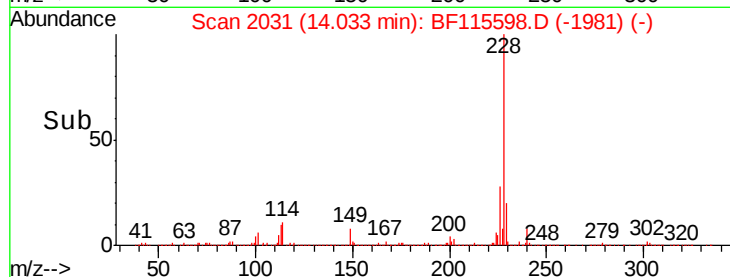
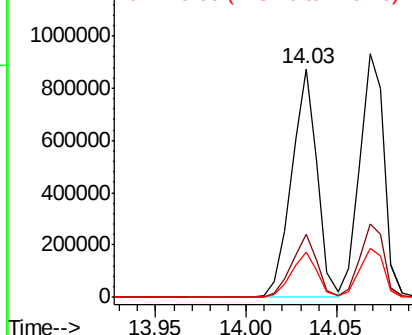


Abundance

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



#82
3,3'-Dichlorobenzidine
Concen: 23.035 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

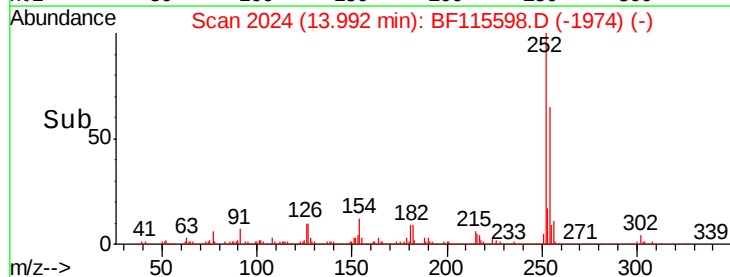
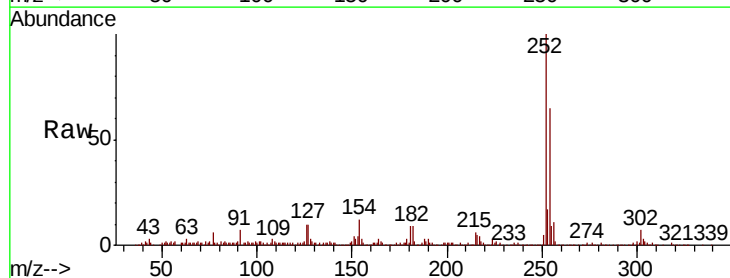
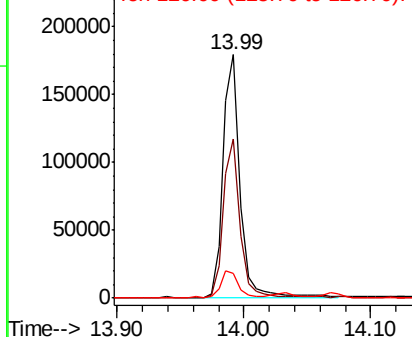
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.9	79.3
126	10.2	9.9	14.9

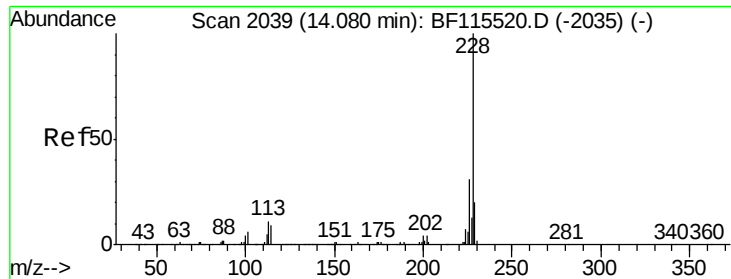
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





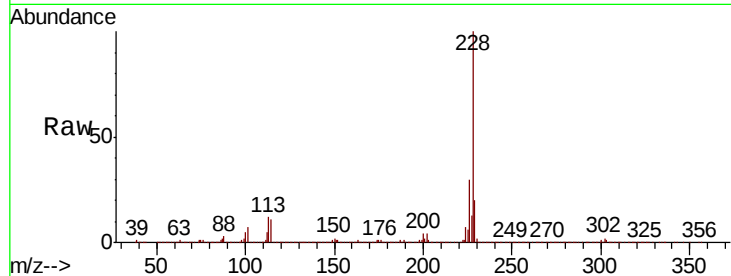
#83
Chrysene
Concen: 43.107 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	19.9	16.6	25.0

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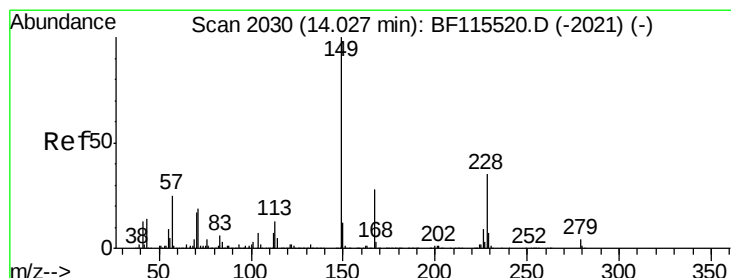
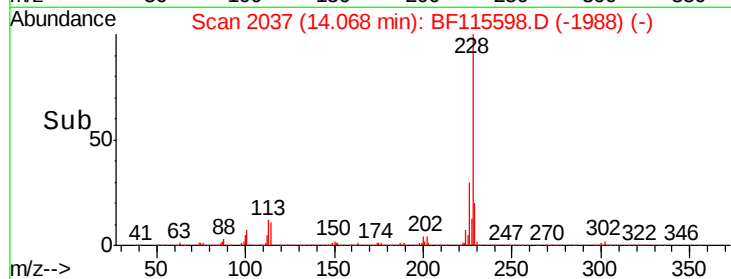
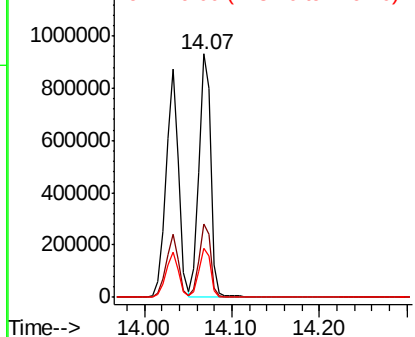


Abundance

Ion 228.00 (227.70 to 228.70): E

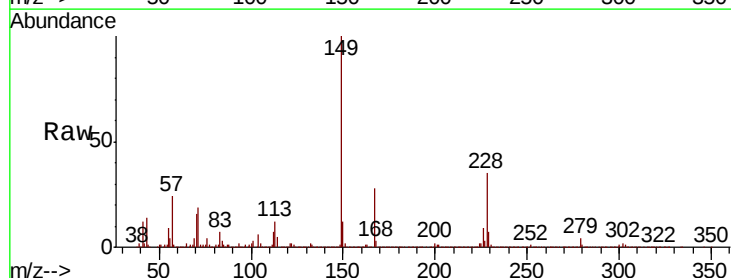
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.412 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.2	4.2	6.2

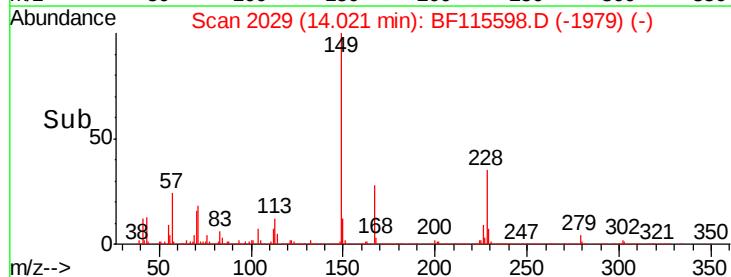
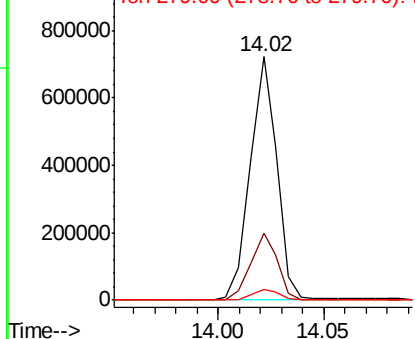


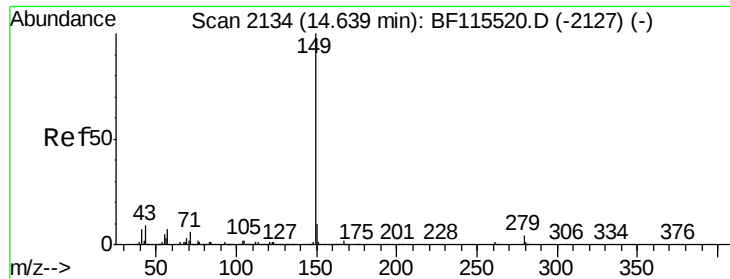
Abundance

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: 48.731 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-AMS

Tot Ion:149 Resp: 1071419

Ion Ratio Lower Upper

149 100

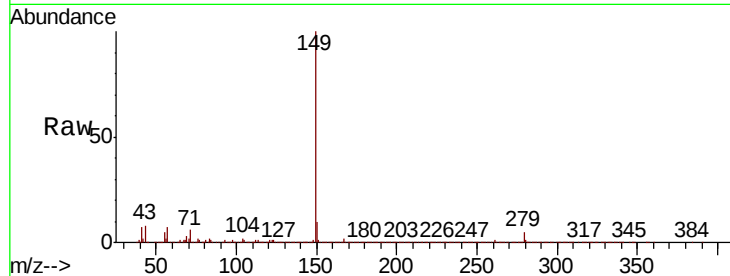
167 1.6 1.4 2.0

43 8.1 7.2 10.8

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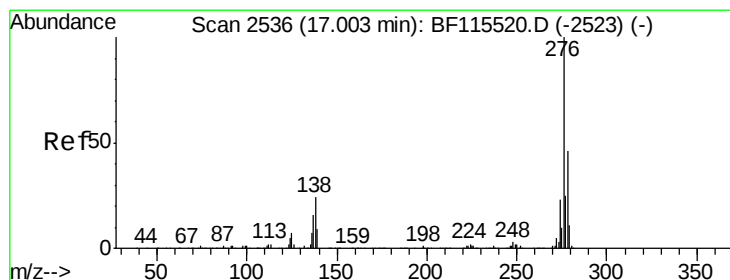
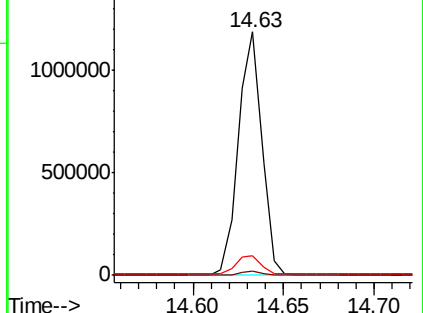
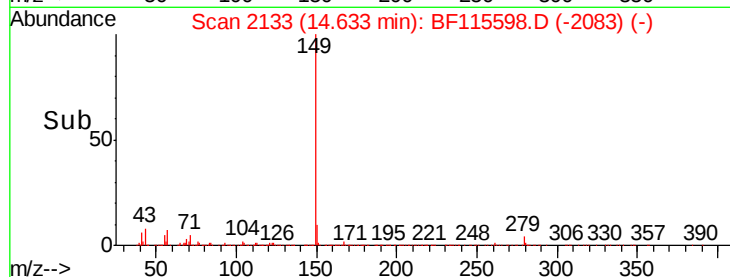
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 61.825 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

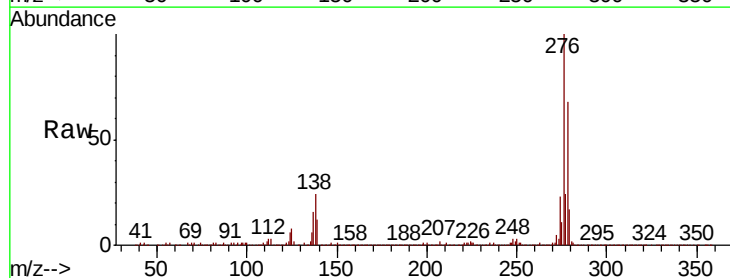
Tgt Ion:276 Resp: 1072972

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.2

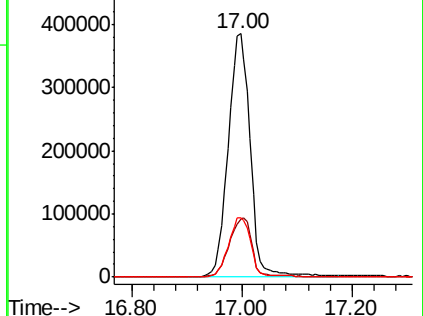
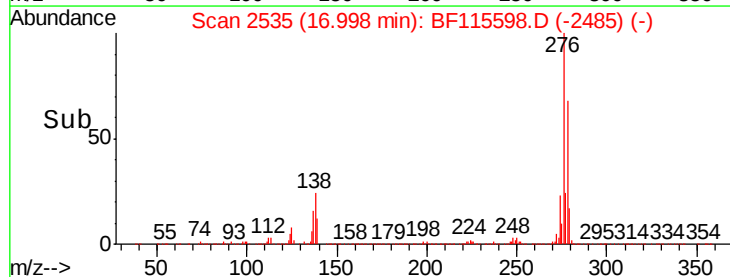
277 24.8 20.4 30.6

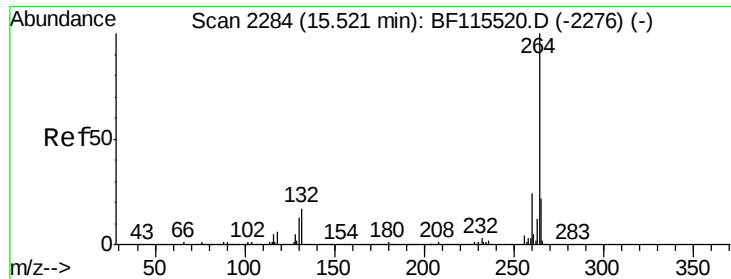


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

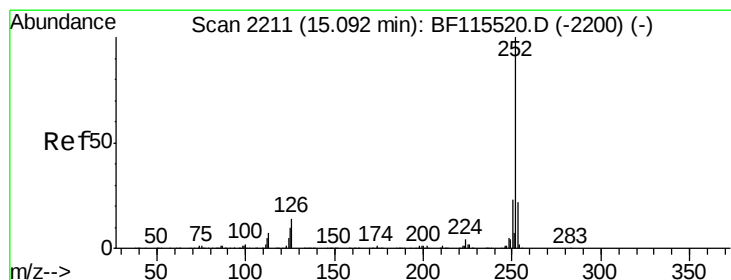
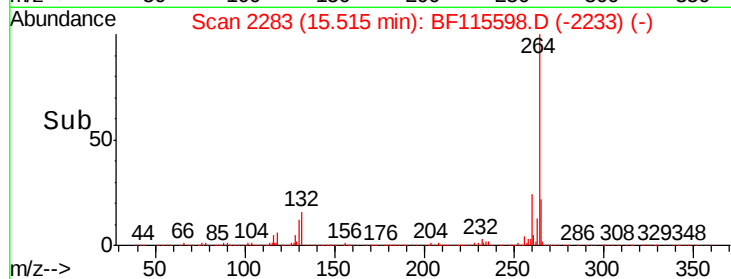
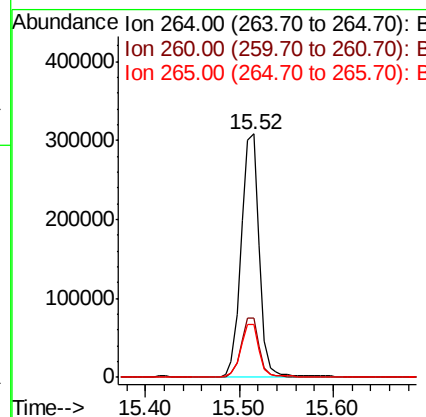
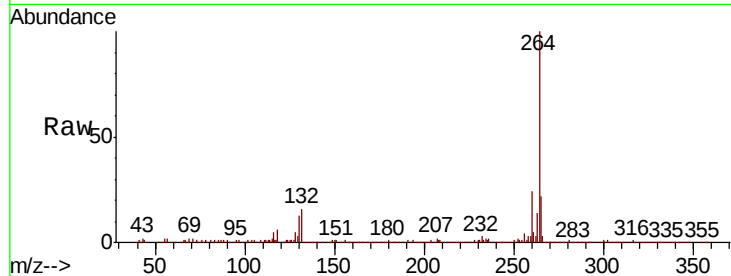
ClientSampleId :

CL-01-071219-AMS

Tot Ion:	264	Resp:	409146
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.8	29.8
265	21.9	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 35.771 ng

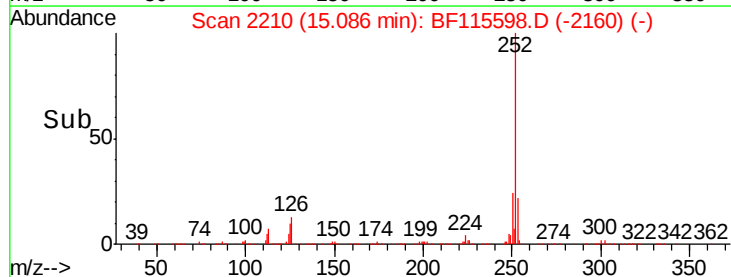
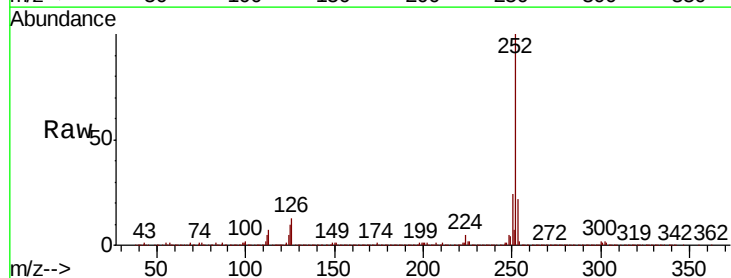
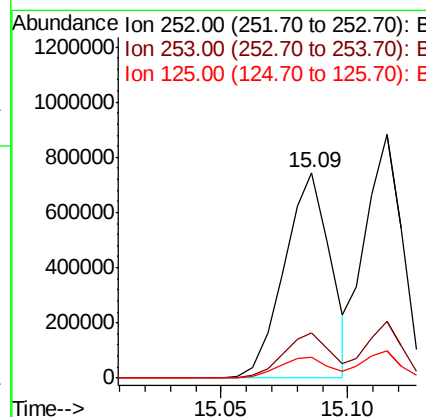
RT: 15.09 min Scan# 2210

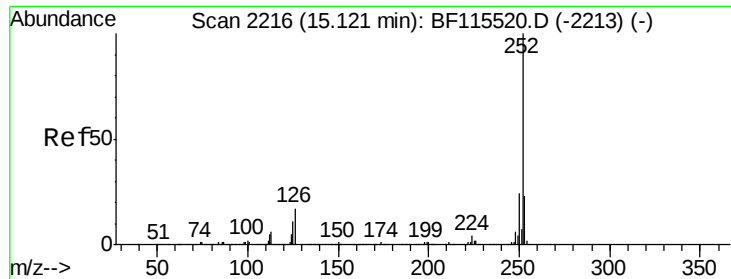
Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:	252	Resp:	942403
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	10.3	9.0	13.4





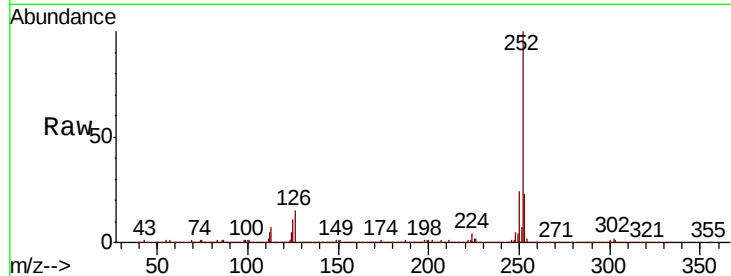
#89
Benzo(k)fluoranthene
Concen: 39.073 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

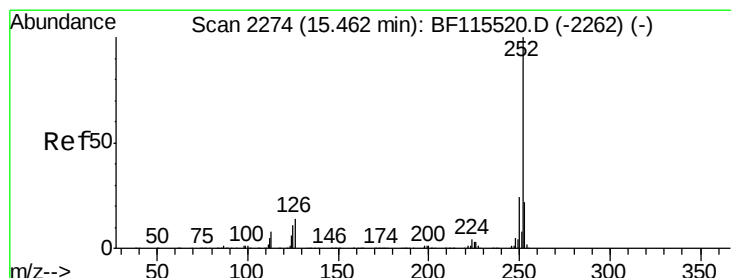
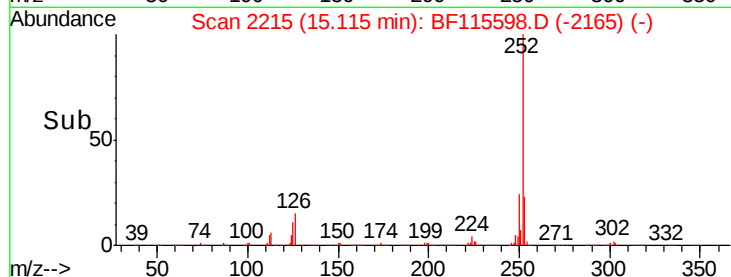
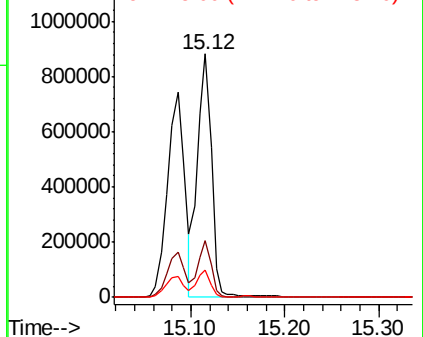
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	11.0	9.0	13.6

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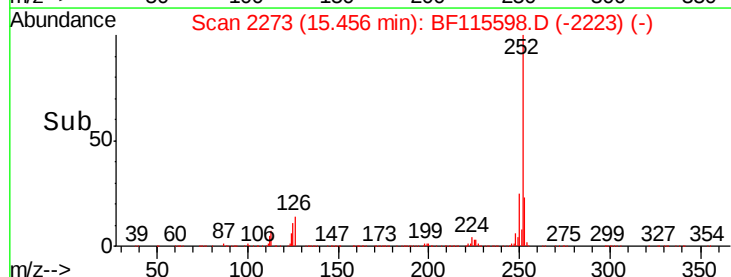
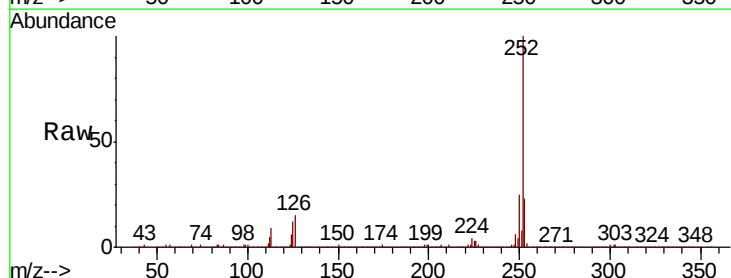
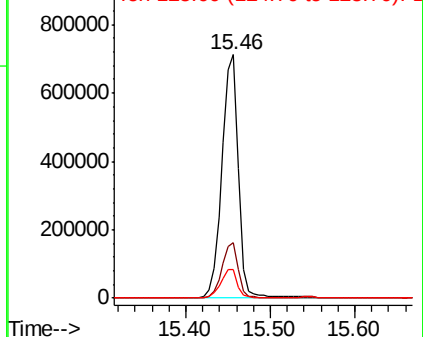
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

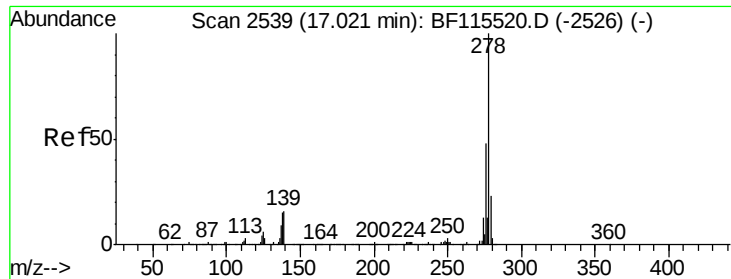


#90
Benzo(a)pyrene
Concen: 42.569 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.5	9.1	13.7

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





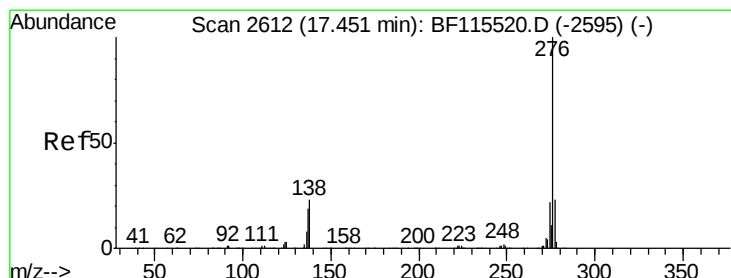
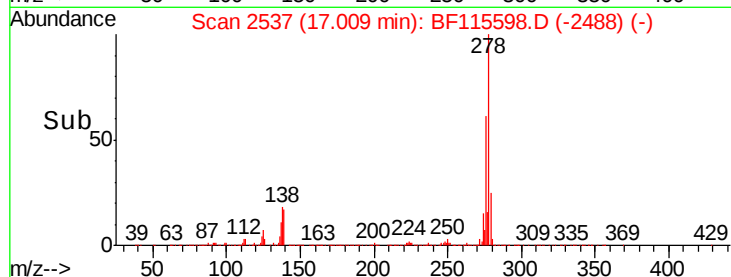
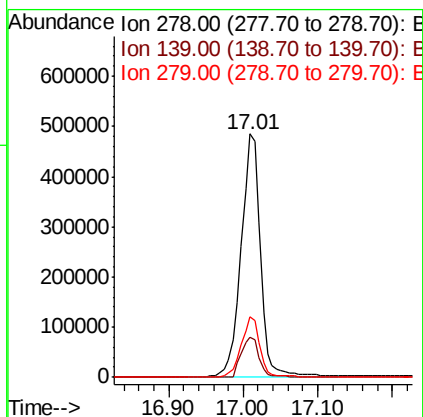
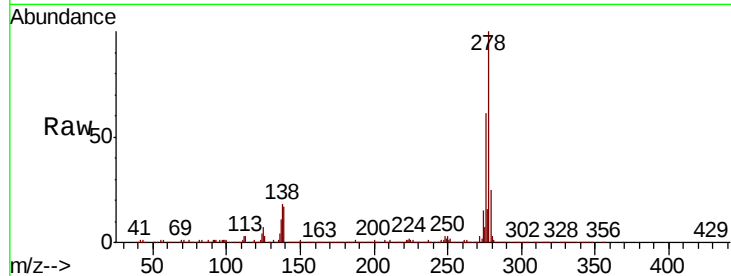
#91
Dibenzo(a,h)anthracene
Concen: 43.980 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	24.7	19.6	29.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.278 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.6	17.2	25.8

