

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117316.D
 Acq On : 3 Oct 2019 13:54
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:41 AM

Quant Time: Oct 04 02:24:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	88624	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	385186	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	201211	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	327036	20.00	ng	0.00
76) Chrysene-d12	13.98	240	203305	20.00	ng	0.00
87) Perylene-d12	15.43	264	177118	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	449882	79.25	ng	0.00
7) Phenol-d6	6.46	99	613237	83.59	ng	0.00
23) Nitrobenzene-d5	7.38	82	607008	82.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	132744	78.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1054843	81.97	ng	0.00
79) Terphenyl-d14	12.92	244	1002361	92.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	86557	36.440	ng	98
3) Pyridine	3.28	79	242830	37.350	ng	99
4) n-Nitrosodimethylamine	3.25	42	88923	39.855	ng	91
6) Aniline	6.48	93	388373	41.118	ng	# 65
8) 2-Chlorophenol	6.60	128	254531	41.564	ng	99
9) Benzaldehyde	6.36	77	145740	39.685	ng	99
10) Phenol	6.47	94	329954	40.799	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	257784	43.369	ng	97
12) 1,3-Dichlorobenzene	6.75	146	277259	40.348	ng	97
13) 1,4-Dichlorobenzene	6.83	146	283997	40.497	ng	98
14) 1,2-Dichlorobenzene	6.98	146	266706	40.849	ng	97
15) Benzyl Alcohol	6.96	79	237071	42.141	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	259248	44.146	ng	65
17) 2-Methylphenol	7.07	107	218248	42.524	ng	# 86
18) Hexachloroethane	7.32	117	108601	40.255	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	200051	44.783	ng	97
20) 3+4-Methylphenols	7.23	107	278260	43.527	ng	# 73
22) Acetophenone	7.23	105	405490	41.434	ng	# 99
24) Nitrobenzene	7.40	77	293181	40.497	ng	98
25) Isophorone	7.64	82	540842	41.667	ng	98
26) 2-Nitrophenol	7.71	139	138258	44.461	ng	96
27) 2,4-Dimethylphenol	7.75	122	202327	41.029	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	332483	41.575	ng	100
29) 2,4-Dichlorophenol	7.96	162	215399	41.687	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	224708	40.253	ng	98
31) Naphthalene	8.12	128	759181	40.981	ng	98
32) Benzoic acid	7.93	122	131438	37.044	ng	92
33) 4-Chloroaniline	8.16	127	332525	40.471	ng	98
34) Hexachlorobutadiene	8.23	225	128685	40.631	ng	99
35) Caprolactam	8.57	113	69335m	39.644	ng	
36) 4-Chloro-3-methylphenol	8.66	107	245842	40.804	ng	99
37) 2-Methylnaphthalene	8.80	142	514502	41.244	ng	99
38) 1-Methylnaphthalene	8.90	142	487381	41.715	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	210870	40.585	ng	99

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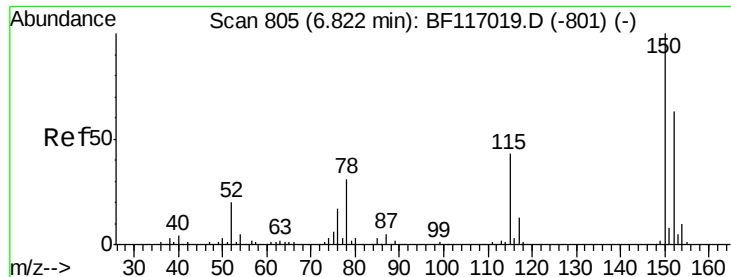
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	82648	40.303	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	143181	40.607	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	145838	38.712	nq	96
46) 1,1'-Biphenyl	9.27	154	638065	40.427	nq	99
47) 2-Chloronaphthalene	9.30	162	502383	40.332	nq	98
48) 2-Nitroaniline	9.40	65	164559	41.188	nq	98
49) Acenaphthylene	9.71	152	727893	39.008	nq	100
50) Dimethylphthalate	9.57	163	564375	39.614	nq	99
51) 2,6-Dinitrotoluene	9.64	165	123383	42.522	nq #	88
52) Acenaphthene	9.88	154	448680	40.563	nq	97
53) 3-Nitroaniline	9.82	138	148153	40.469	nq	94
54) 2,4-Dinitrophenol	9.93	184	47809	42.953	nq	95
55) Dibenzofuran	10.05	168	649543	39.800	nq	100
56) 4-Nitrophenol	9.99	139	79889	33.670	nq	95
57) 2,4-Dinitrotoluene	10.05	165	159461	42.337	nq #	83
58) Fluorene	10.40	166	540202	41.091	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	111210	38.576	nq	98
60) Diethylphthalate	10.27	149	564760	40.293	nq	96
61) 4-Chlorophenyl-phenylether	10.38	204	240066	42.206	nq	98
62) 4-Nitroaniline	10.44	138	153201	40.240	nq	94
63) Azobenzene	10.55	77	581033	40.588	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	72075	48.316	nq	93
66) n-Nitrosodiphenylamine	10.50	169	462089	40.913	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	138773	41.551	nq	99
68) Hexachlorobenzene	10.95	284	145011	39.697	nq	96
69) Atrazine	11.03	200	114492	39.398	nq	97
70) Pentachlorophenol	11.15	266	65136	38.040	nq	96
71) Phenanthrene	11.36	178	745482	40.133	nq	99
72) Anthracene	11.41	178	763824	40.277	nq	99
73) Carbazole	11.57	167	707413	39.299	nq	100
74) Di-n-butylphthalate	11.89	149	918079	42.867	nq	99
75) Fluoranthene	12.54	202	737981	38.665	nq	98
77) Benzidine	12.66	184	292704	44.695	nq	99
78) Pyrene	12.77	202	736156	43.154	nq	99
80) Butylbenzylphthalate	13.38	149	360805	44.762	nq	99
81) Benzo(a)anthracene	13.97	228	556920	41.001	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	178524	40.786	nq	99
83) Chrysene	14.00	228	523409	39.509	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	485592	46.723	nq	99
85) Di-n-octyl phthalate	14.54	149	713492	43.618	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	425434	44.017	nq	99
88) Benzo(b)fluoranthene	15.01	252	414729	38.656	nq	99
89) Benzo(k)fluoranthene	15.04	252	417558	41.086	nq	99
90) Benzo(a)pyrene	15.37	252	383530	40.738	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	354772	47.303	nq	99
92) Benzo(g,h,i)perylene	17.33	276	343843	46.007	nq	97

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



#1

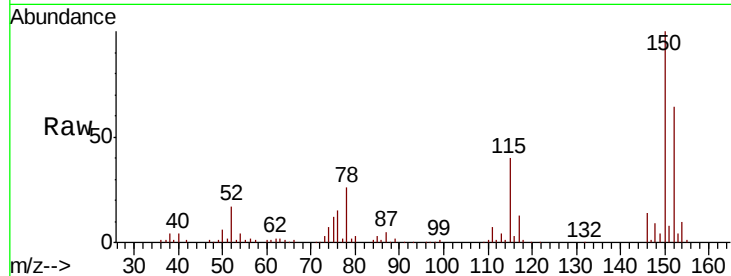
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.5	191.3
115	62.3	55.0	82.4

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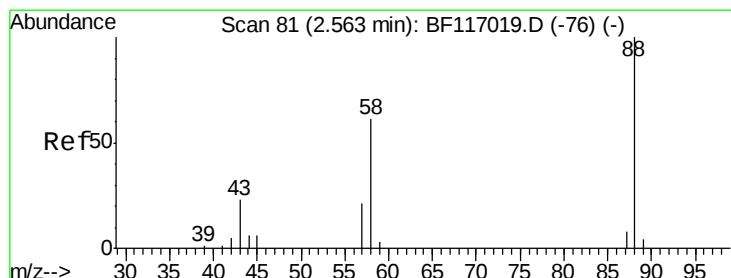
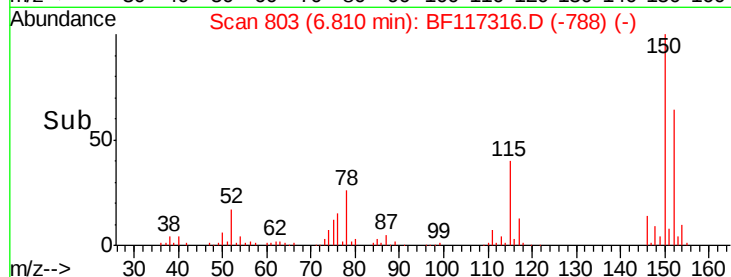
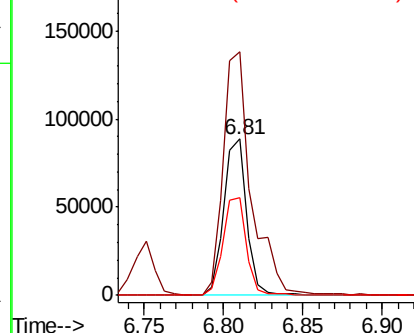


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

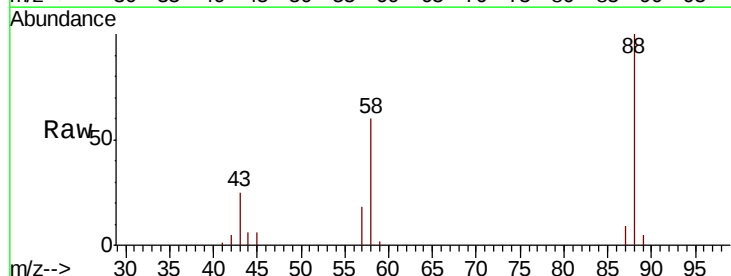
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.440 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	49.3	73.9
43	24.7	18.8	28.2

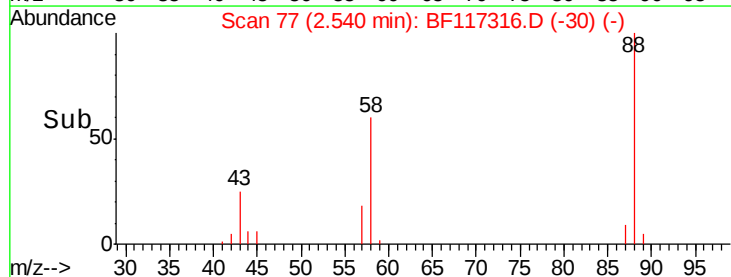
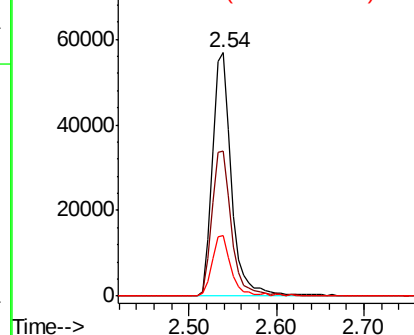


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.350 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

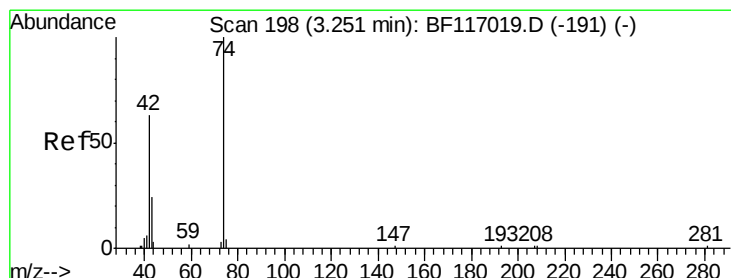
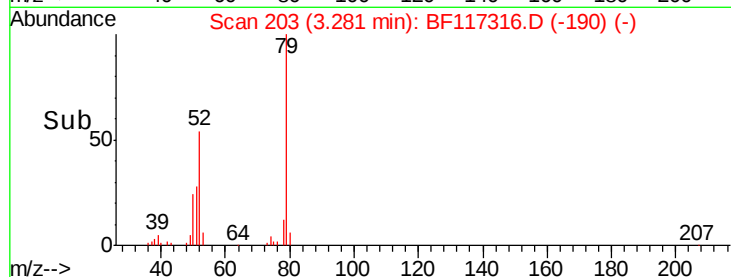
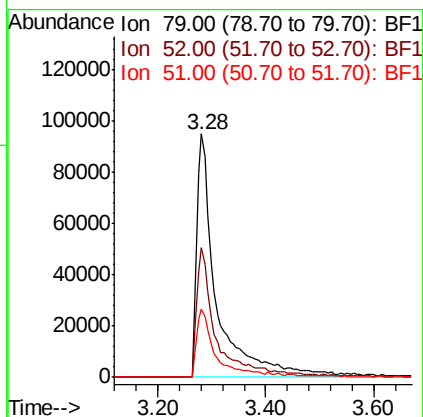
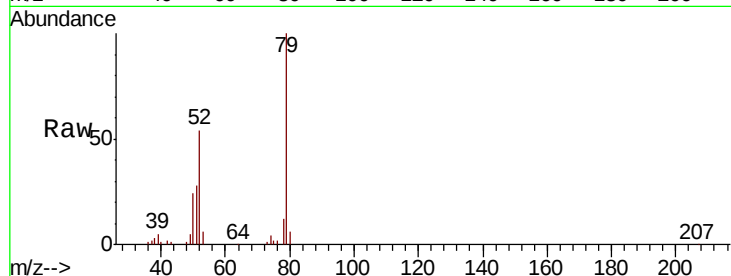
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	242830
Ion	Ratio	Lower	Upper
79	100		
52	53.5	43.5	65.3
51	28.2	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 39.855 ng

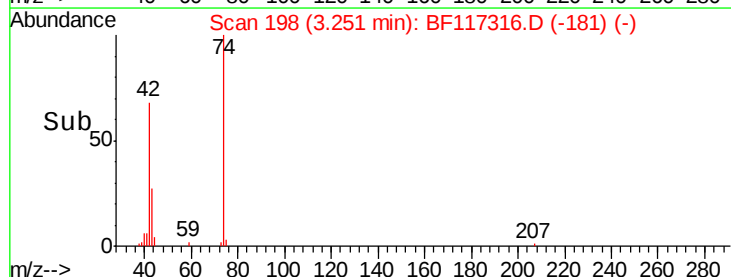
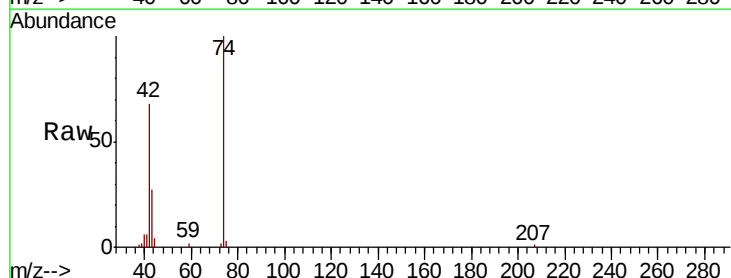
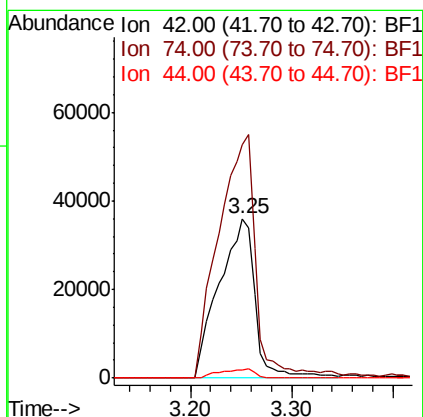
RT: 3.25 min Scan# 198

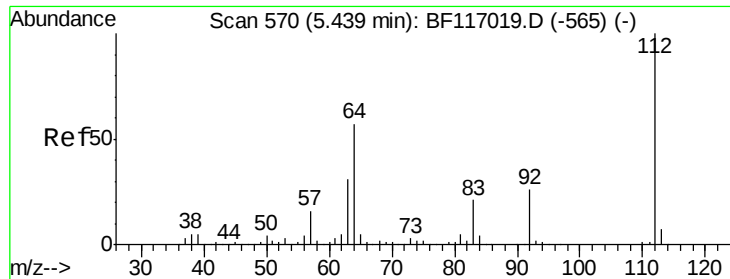
Delta R.T. -0.00 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:	42	Resp:	88923
Ion	Ratio	Lower	Upper
42	100		
74	146.3	127.1	190.7
44	5.4	4.3	6.5





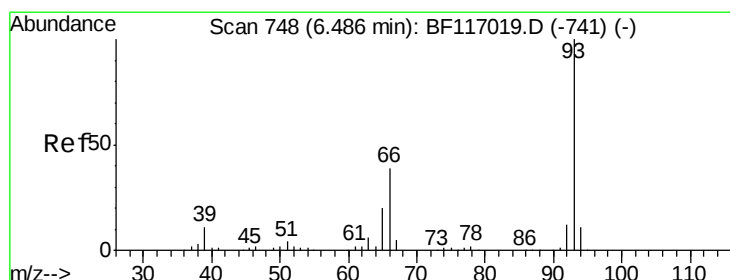
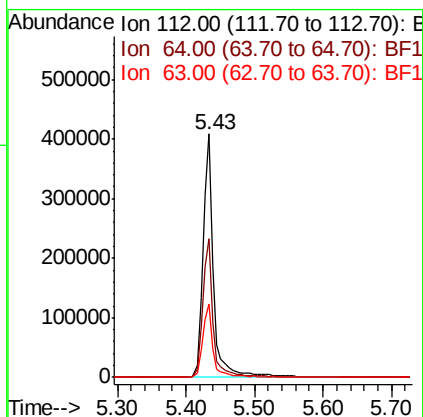
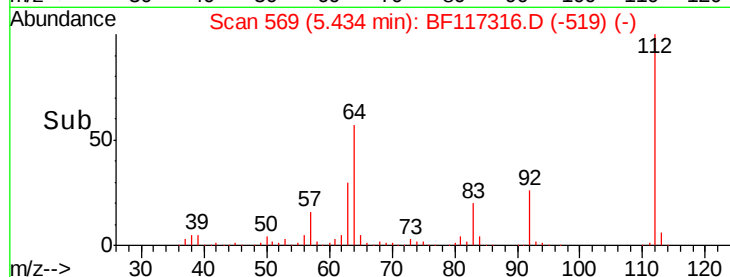
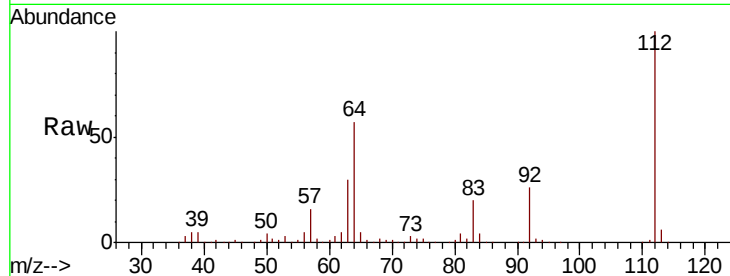
#5
2-Fluorophenol
Concen: 79.254 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	449882		
64	57.0		45.7	68.5
63	30.1		24.9	37.3

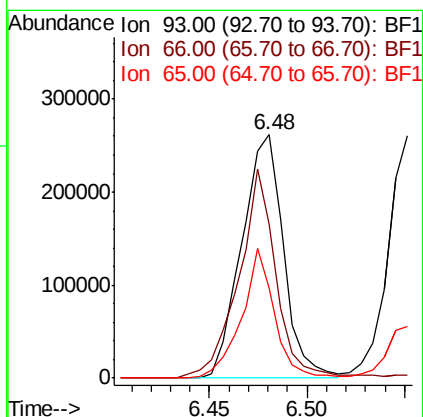
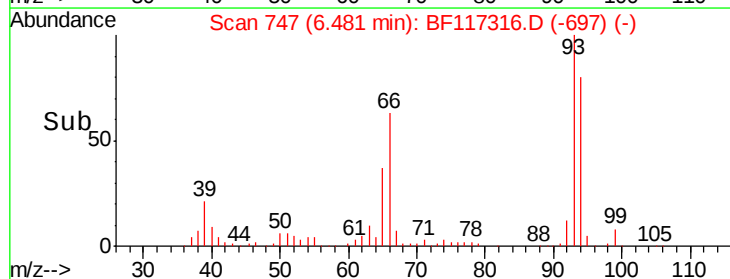
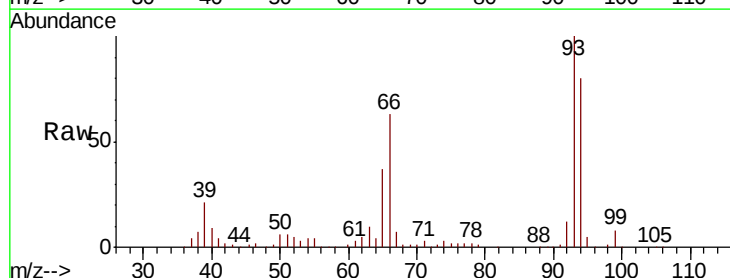
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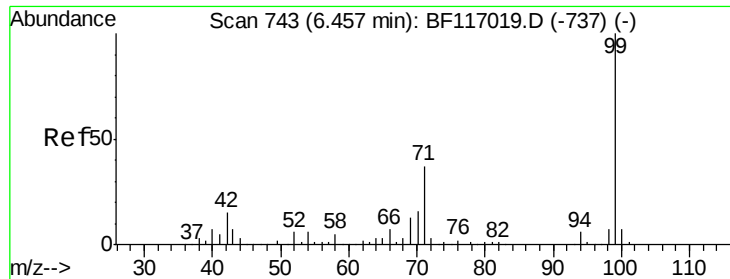
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#6
Aniline
Concen: 41.118 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	388373		
66	63.1		32.6	49.0#
65	36.9		16.7	25.1#





#7

Phenol-d6

Concen: 83.592 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

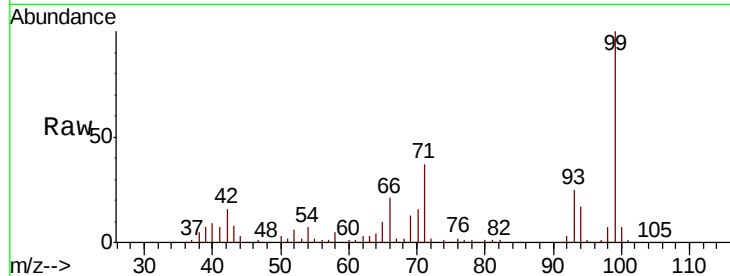
ClientSampleId :

SSTDCCC040

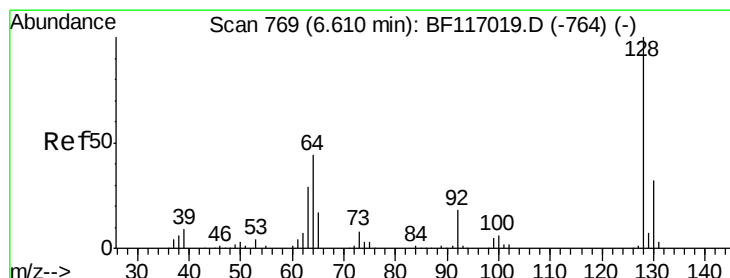
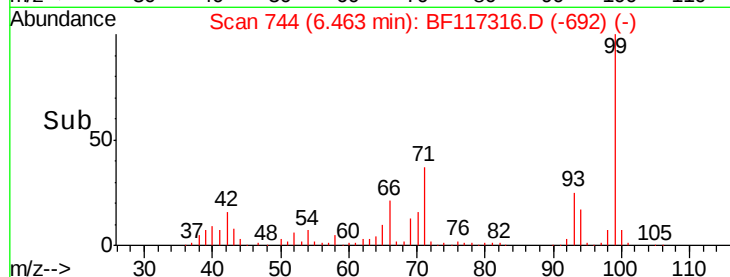
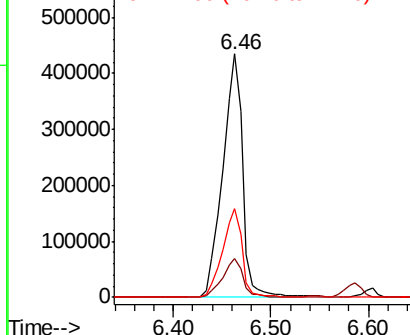
Tot Ion:	99	Resp:	613237
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	36.5	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.564 ng

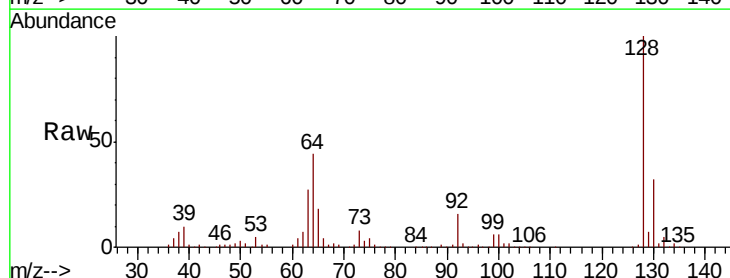
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

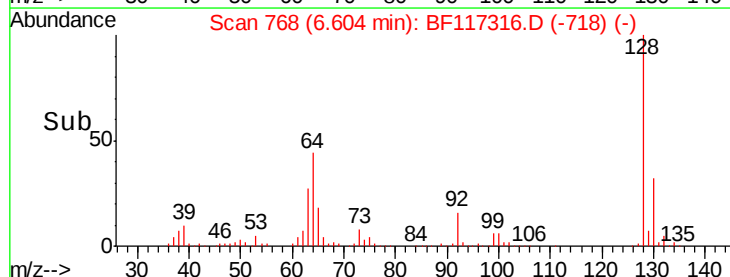
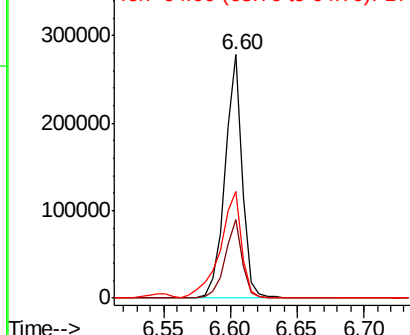
Lab File: BF117316.D

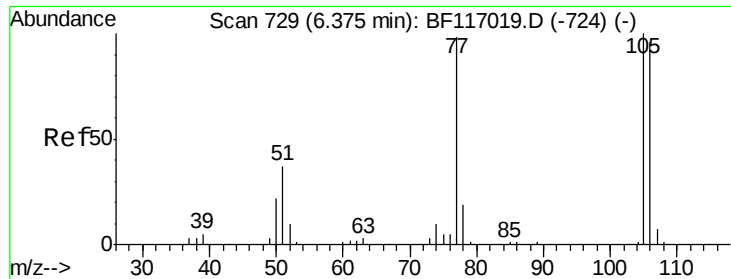
Acq: 3 Oct 2019 13:54

Tgt Ion:	128	Resp:	254531
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.8	51.8
64	44.0	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.685 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

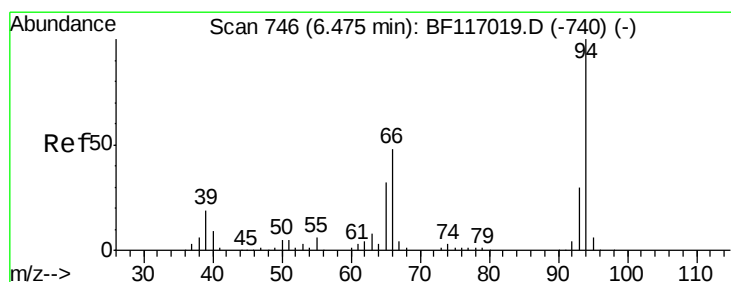
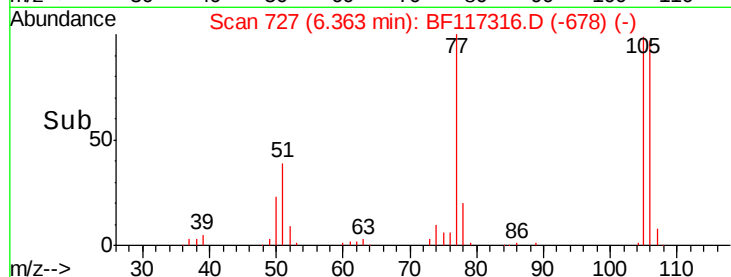
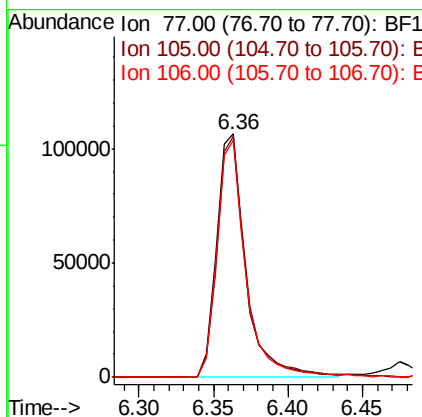
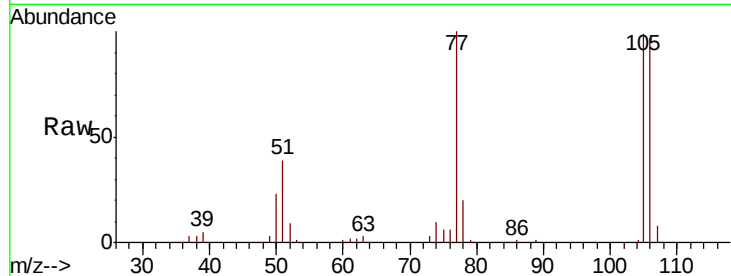
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	145740
Ion	Ratio	Lower	Upper
77	100		
105	99.0	81.8	121.8
106	97.4	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 40.799 ng

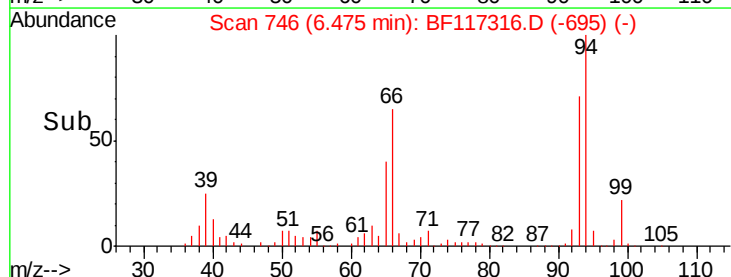
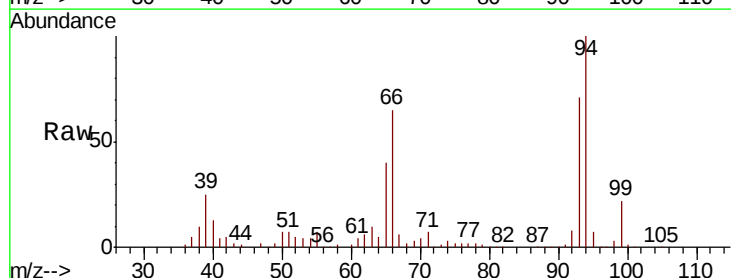
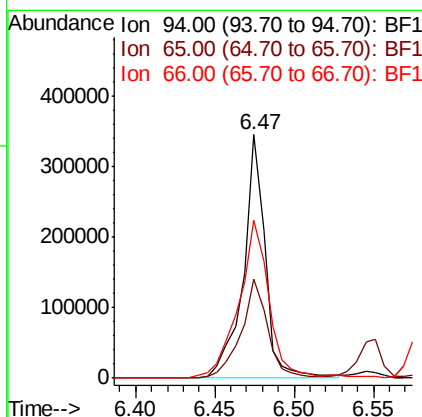
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:	94	Resp:	329954
Ion	Ratio	Lower	Upper
94	100		
65	40.5	12.5	52.5
66	65.0	28.9	68.9





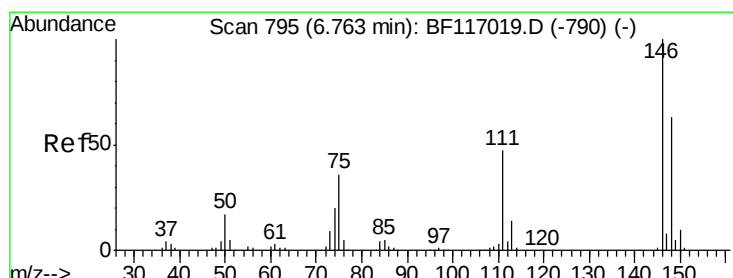
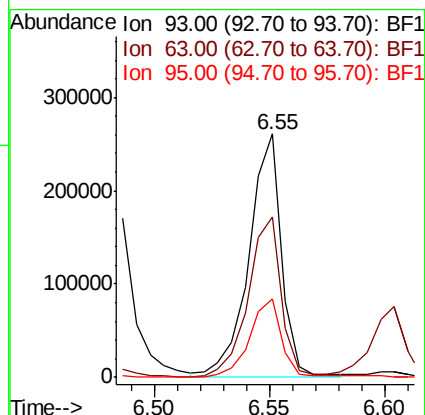
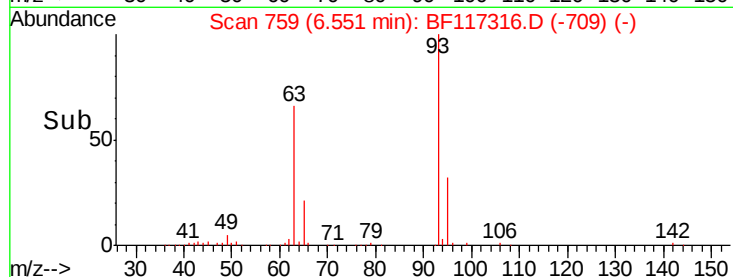
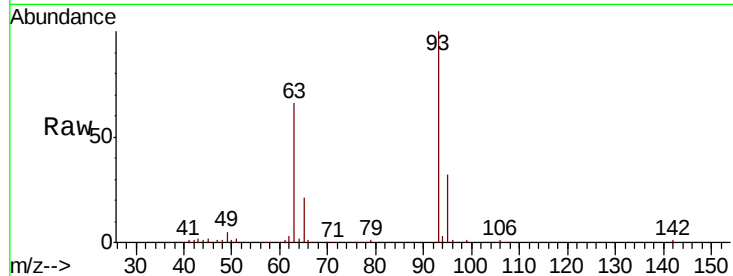
#11
bis(2-Chloroethyl)ether
Concen: 43.369 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	257784
Ion	Ratio	Lower	Upper
93	100		
63	66.0	49.3	89.3
95	32.4	11.5	51.5

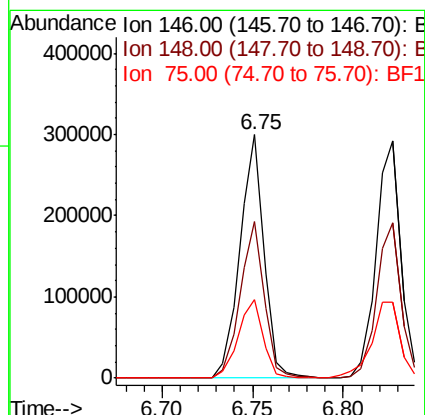
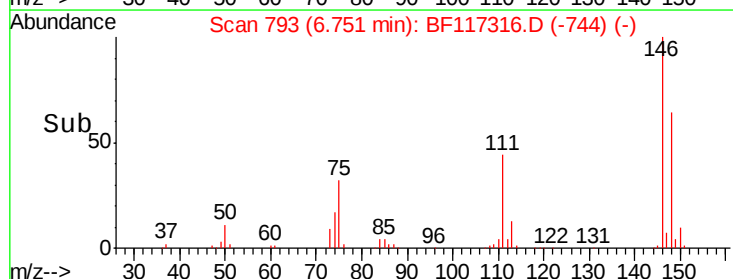
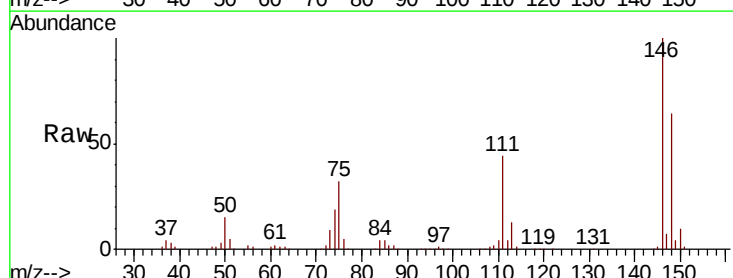
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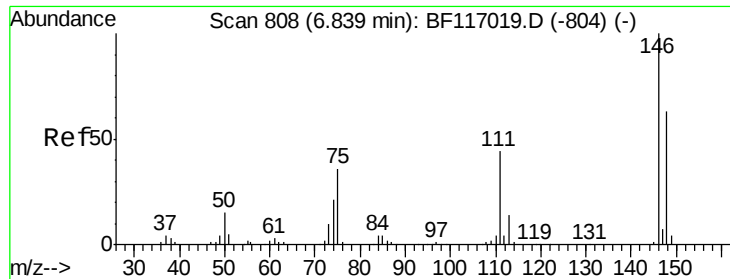
mohammad
10/7/2019 8:25:41 AM



#12
1,3-Dichlorobenzene
Concen: 40.348 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion:	146	Resp:	277259
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
75	32.4	28.7	43.1





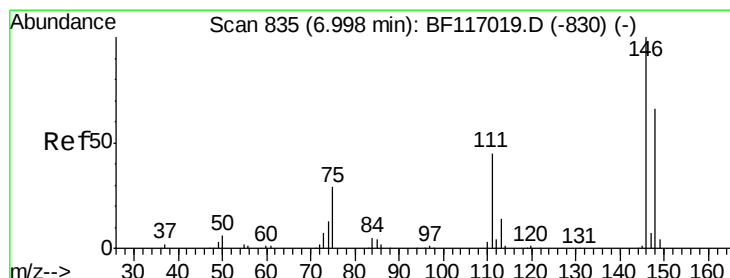
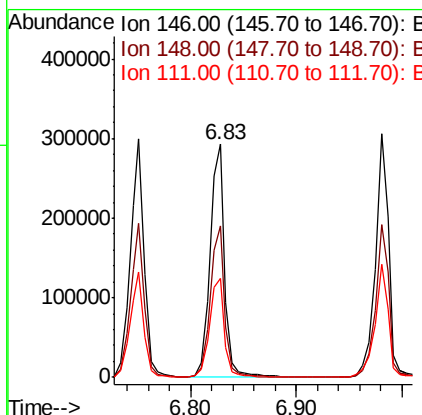
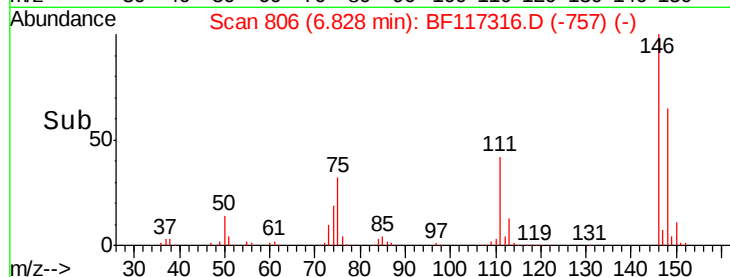
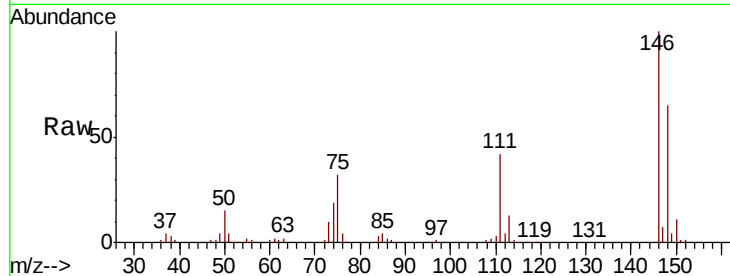
#13
 1,4-Dichlorobenzene
 Concen: 40.497 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	42.3	35.0	52.6

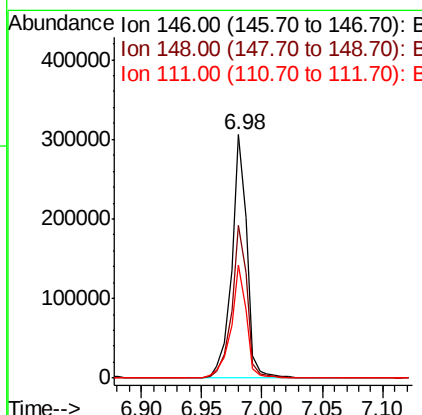
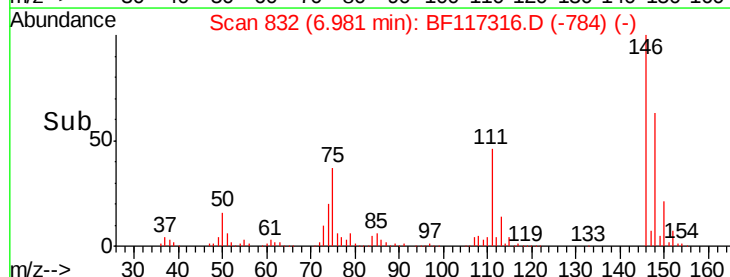
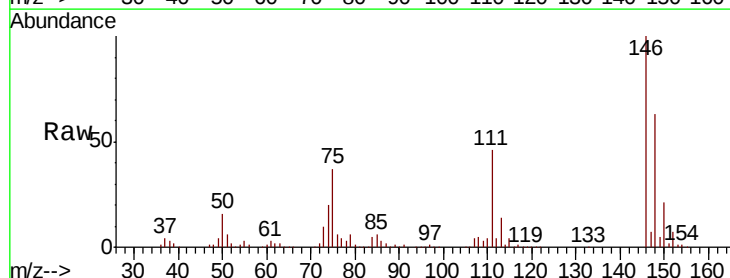
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#14
 1,2-Dichlorobenzene
 Concen: 40.849 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.6	78.8
111	46.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.141 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

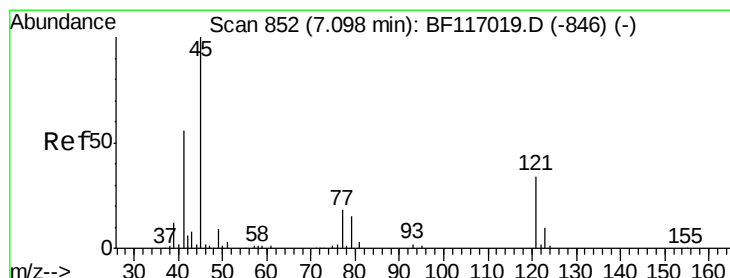
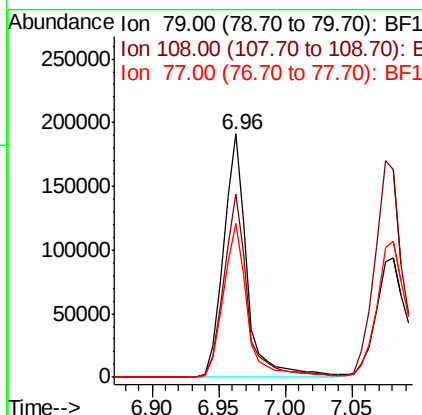
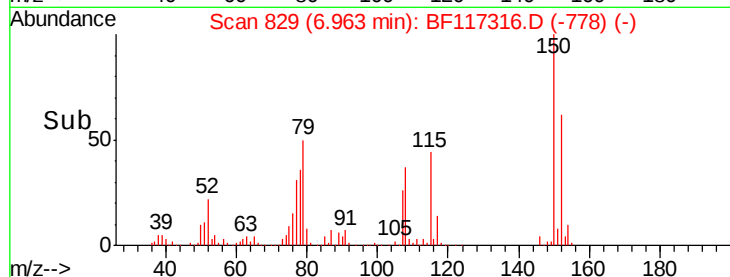
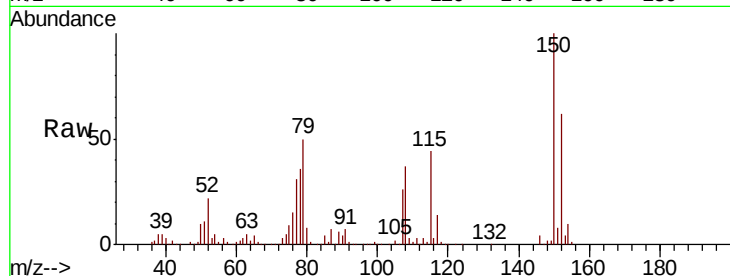
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	237071
Ion Ratio	Lower	Upper	
79	100		
108	75.4	59.4	89.0
77	63.4	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.146 ng

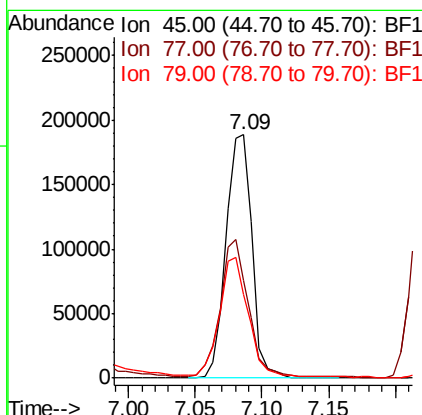
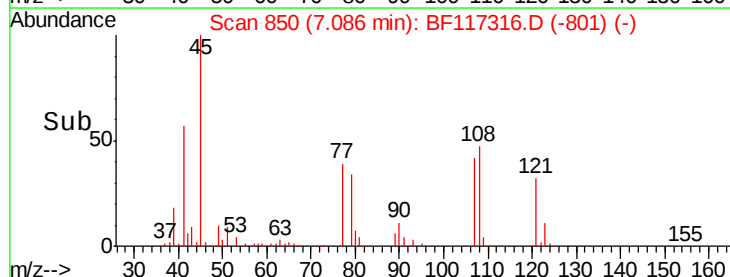
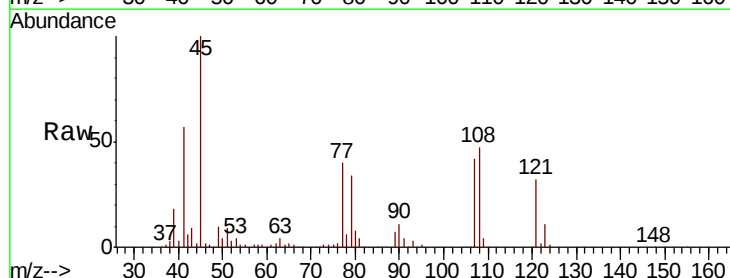
RT: 7.09 min Scan# 850

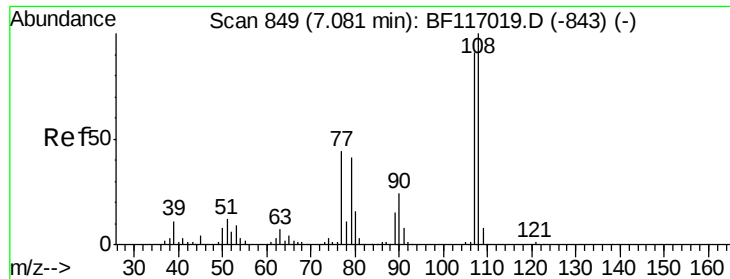
Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:	45	Resp:	259248
Ion Ratio	Lower	Upper	
45	100		
77	39.9	2.7	42.7
79	34.3	0.0	38.9





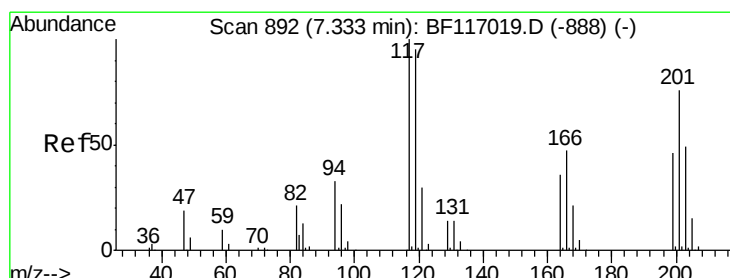
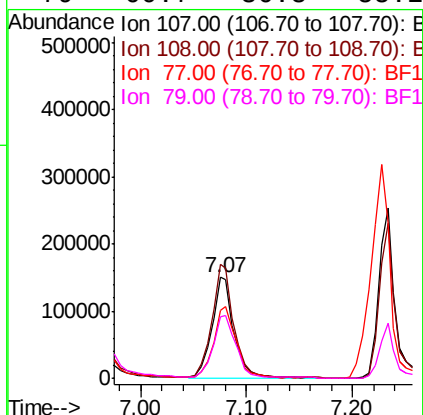
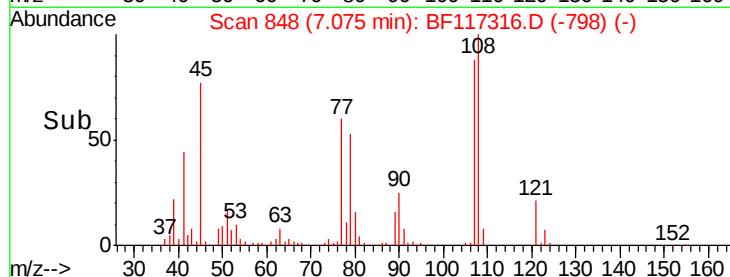
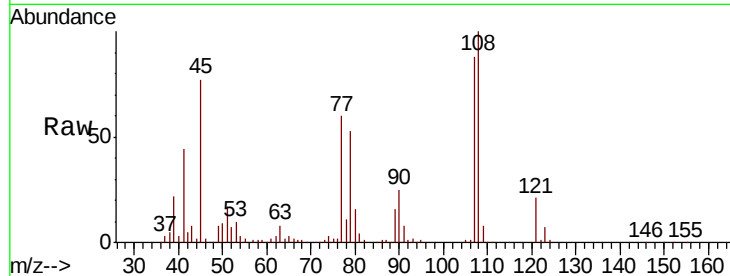
#17
2-Methylphenol
Concen: 42.524 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	87.7	131.5	
77	68.0	38.6	58.0#	
79	60.7	36.8	55.2#	

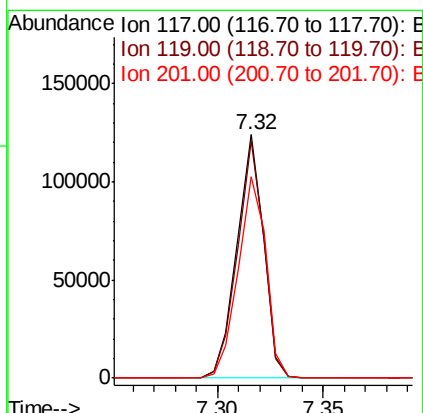
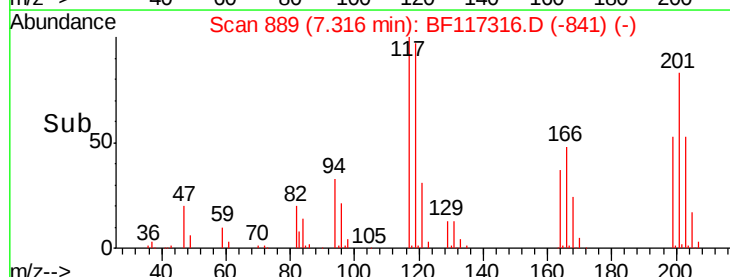
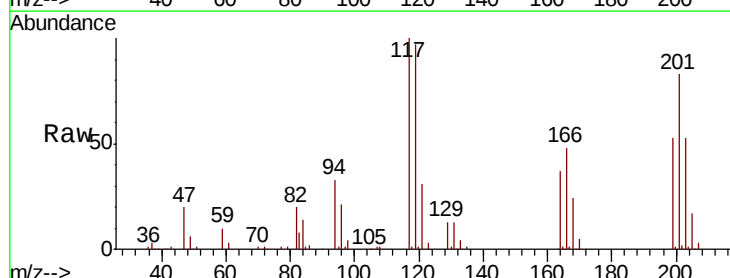
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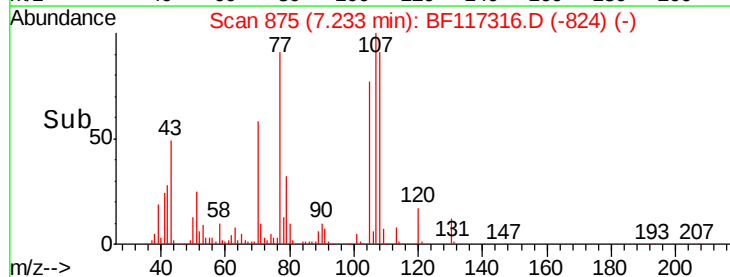
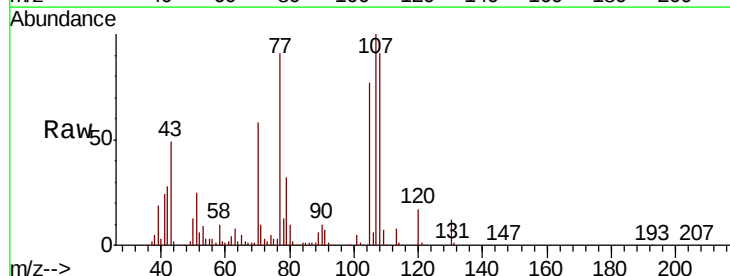
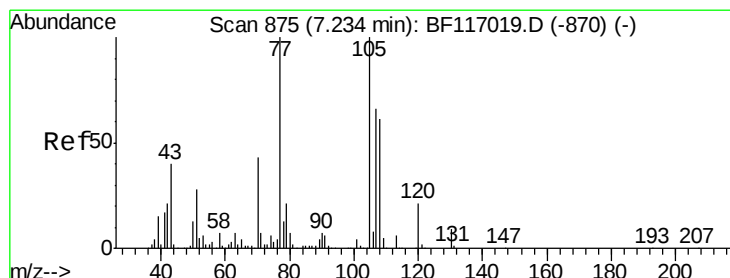
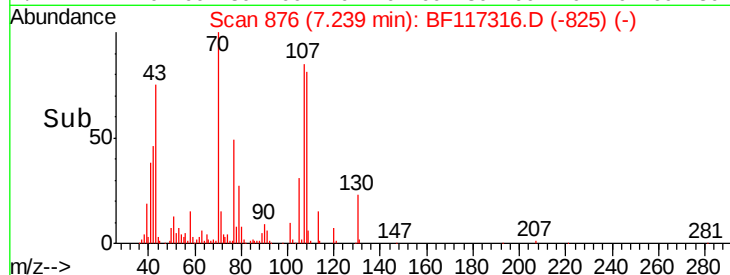
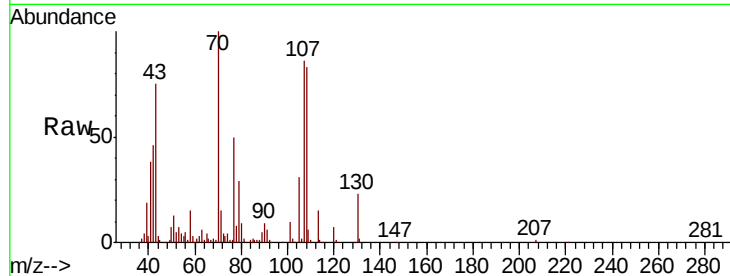
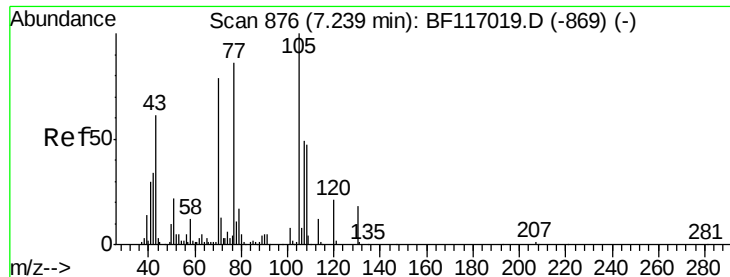
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#18
Hexachloroethane
Concen: 40.255 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	82.9	60.9	91.3	





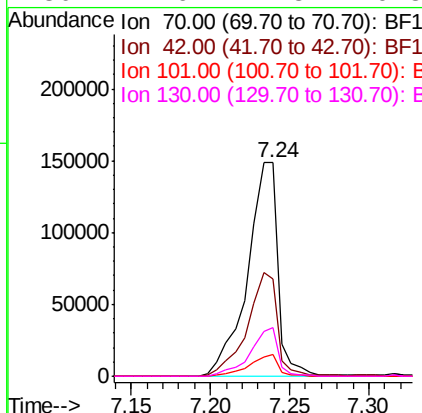
#19
n-Nitroso-di-n-propylamine
Concen: 44.783 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.6	34.0	51.0	
101	10.1	7.8	11.6	
130	22.6	17.8	26.8	

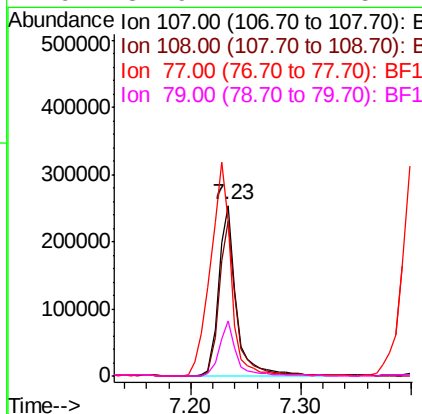
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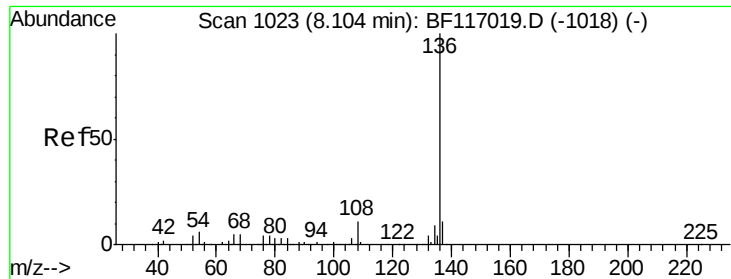
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#20
3+4-Methylphenols
Concen: 43.527 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	72.6	112.6	
77	90.5	132.1	172.1	
79	31.9	12.1	52.1	





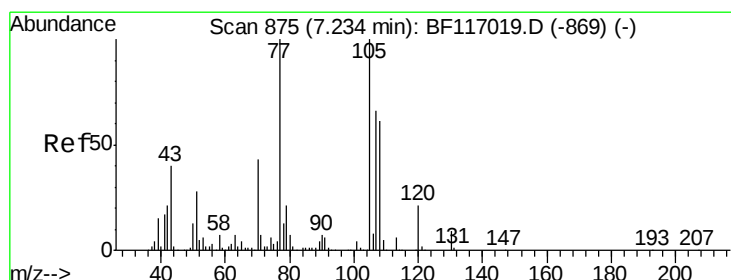
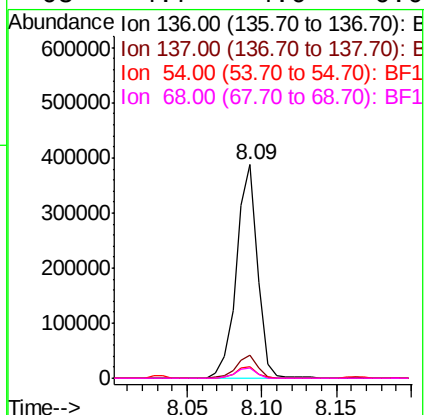
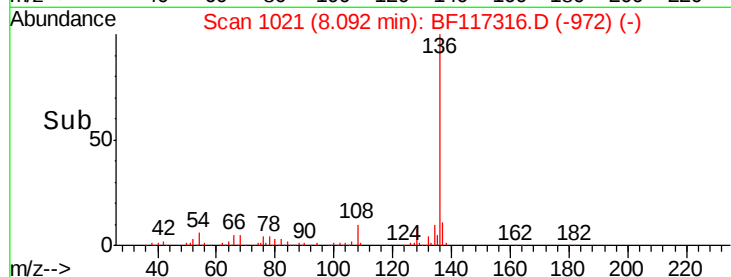
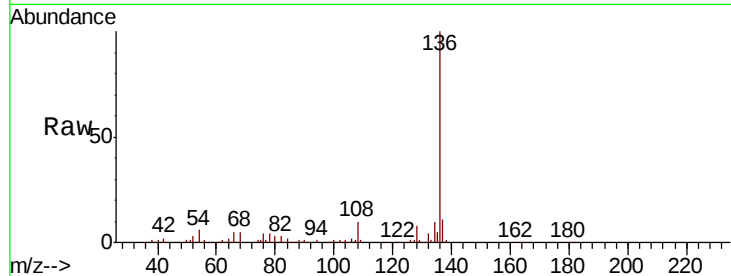
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	5.6	4.5	6.7	
68	4.7	4.0	6.0	

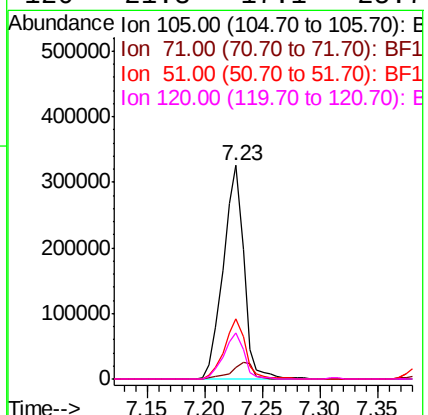
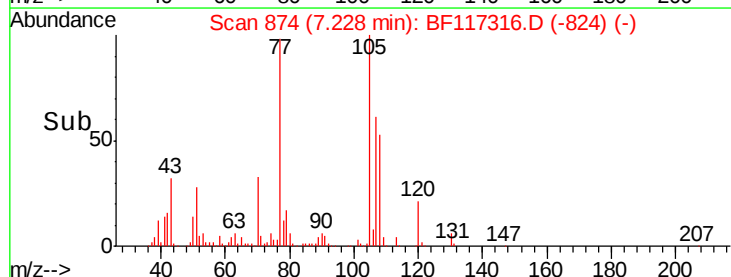
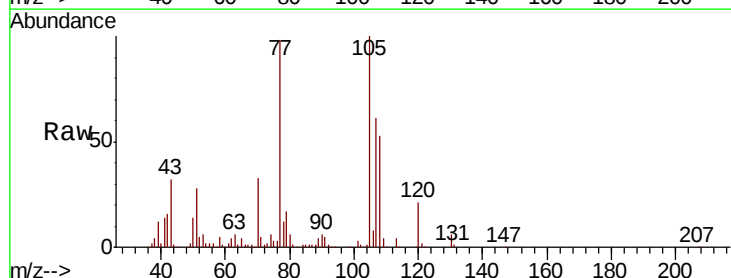
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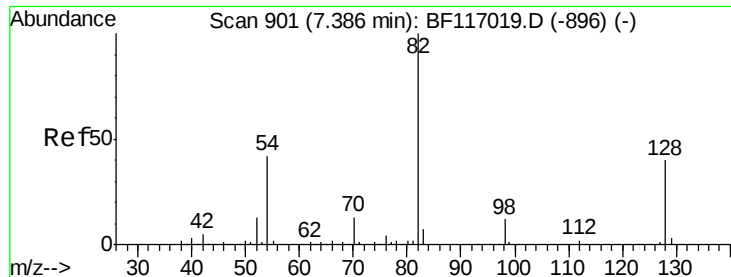
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#22
Acetophenone
Concen: 41.434 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	5.7	8.5#	
51	28.1	22.1	33.1	
120	21.3	17.1	25.7	





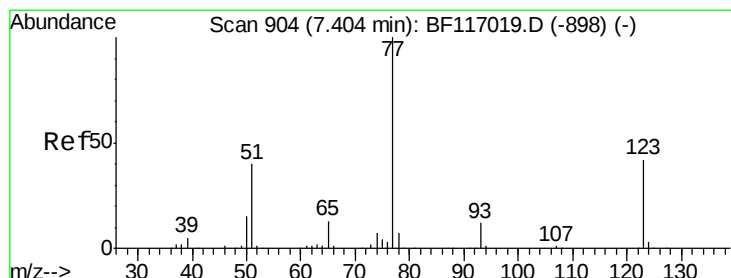
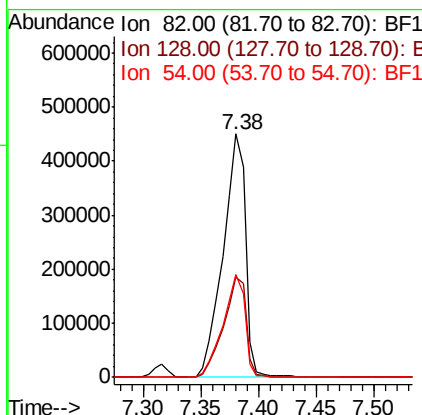
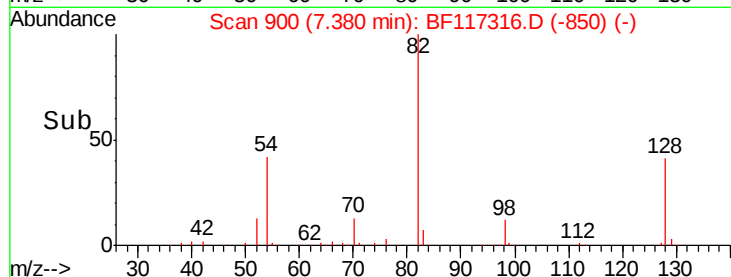
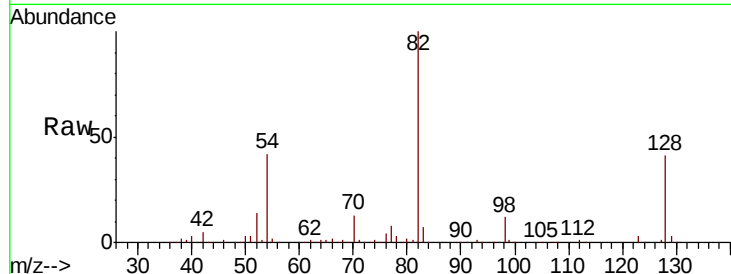
#23
Nitrobenzene-d5
Concen: 82.801 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	42.2	33.3	49.9

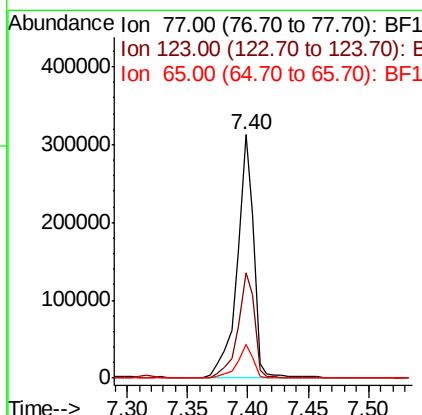
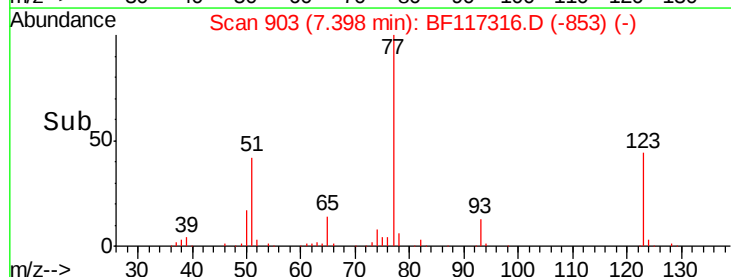
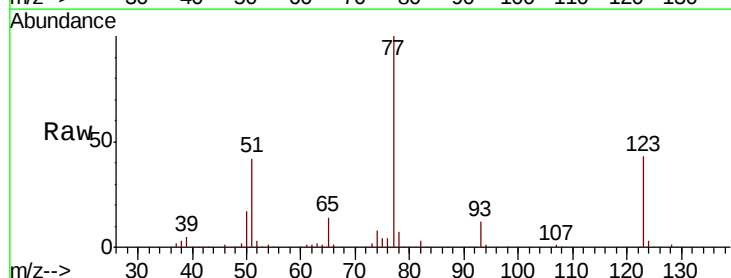
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#24
Nitrobenzene
Concen: 40.497 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	33.5	50.3
65	13.7	10.5	15.7





#25

Isophorone

Concen: 41.667 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

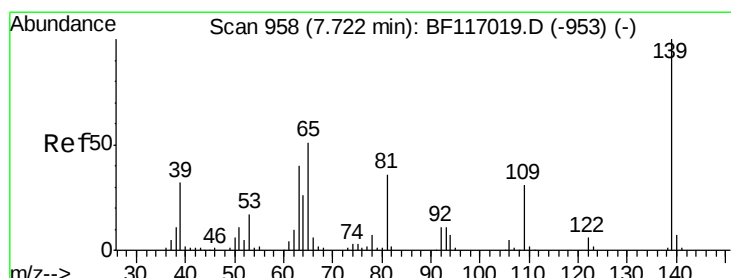
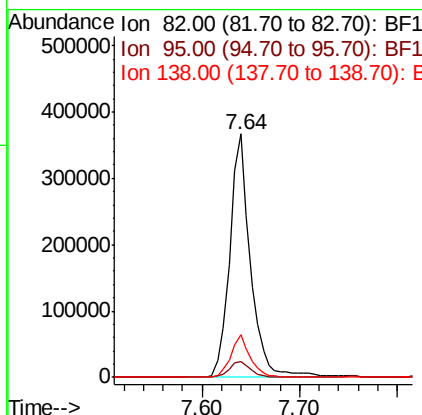
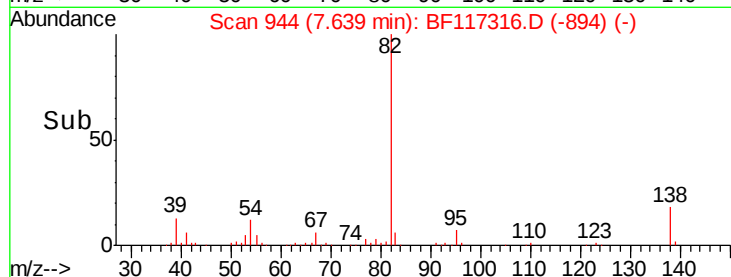
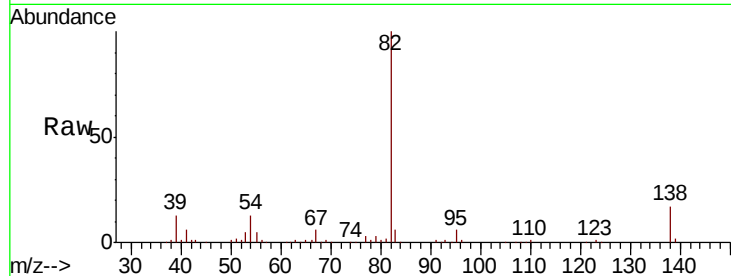
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	540842
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.8	8.6
138	17.5	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.461 ng

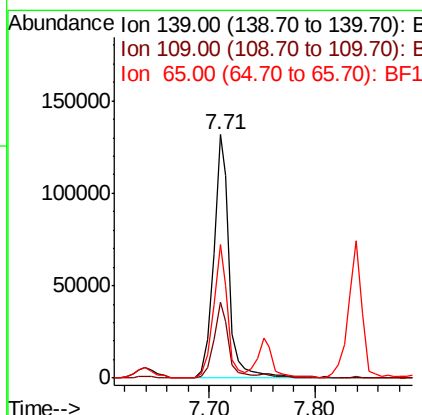
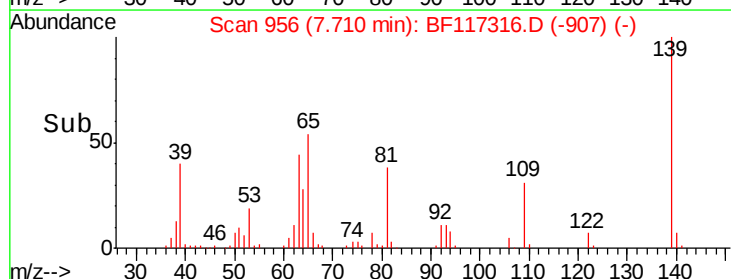
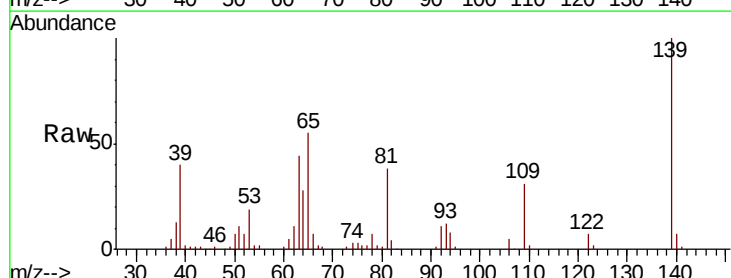
RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:	139	Resp:	138258
Ion Ratio		Lower	Upper
139	100		
109	31.0	24.6	36.8
65	54.9	40.9	61.3





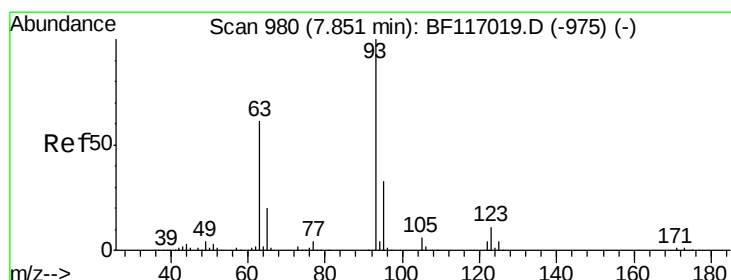
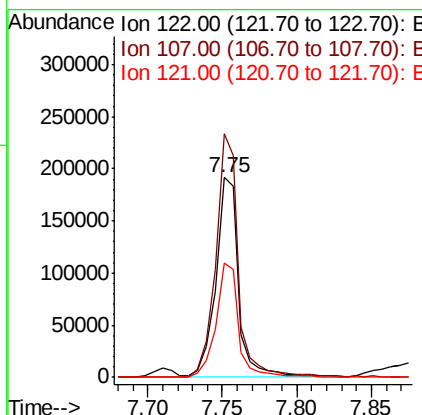
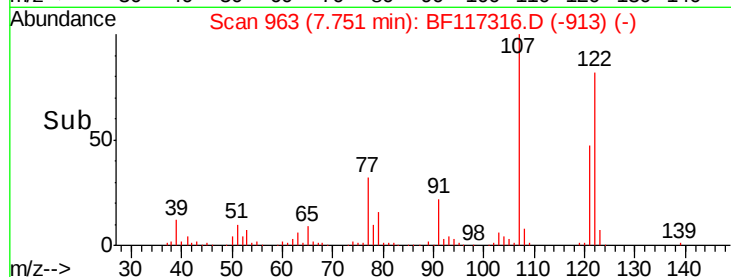
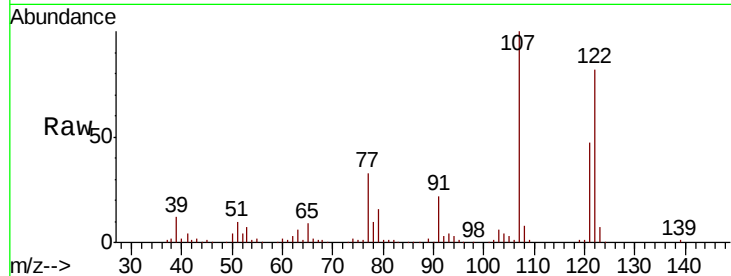
#27
2,4-Dimethylphenol
Concen: 41.029 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	98.9	148.3
121	57.4	45.3	67.9

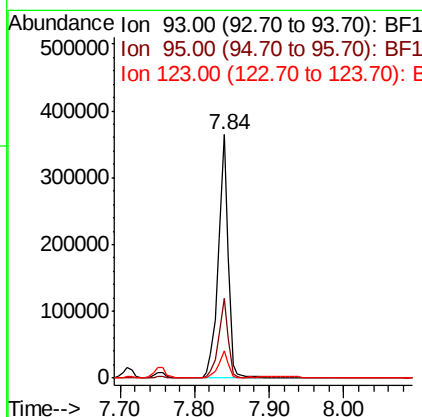
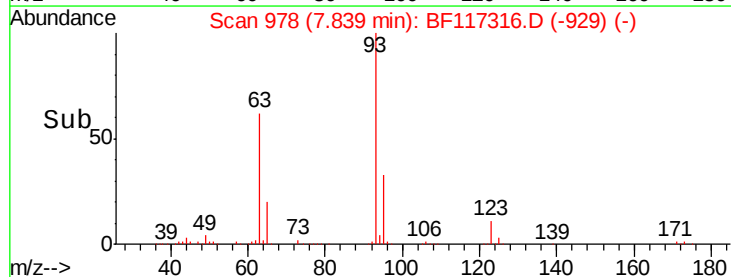
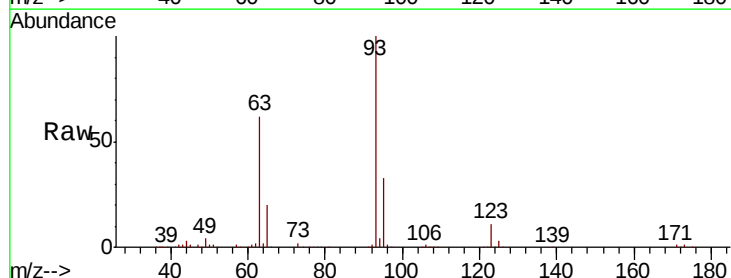
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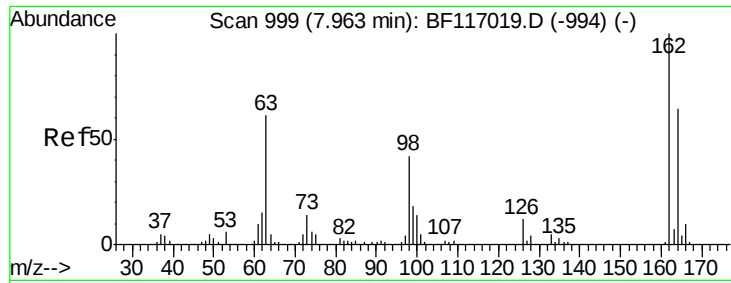
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.575 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.1	9.0	13.6





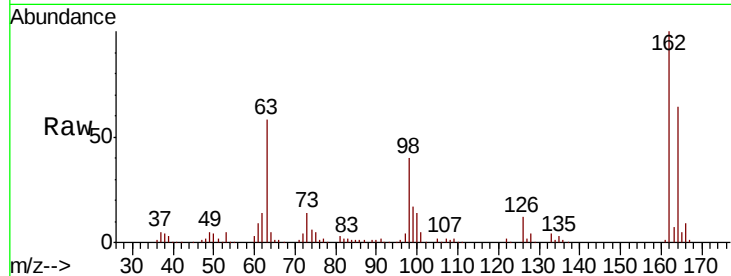
#29
 2,4-Dichlorophenol
 Concen: 41.687 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	215399		
164	64.0	43.8	83.8	
98	40.5	22.1	62.1	

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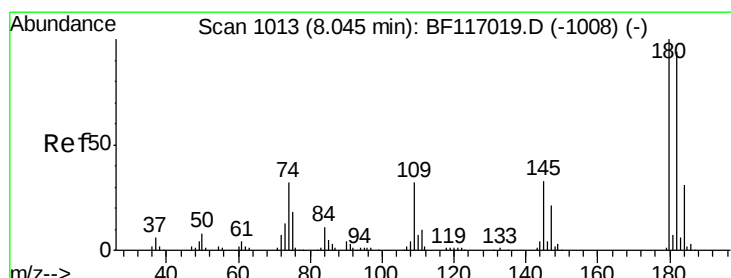
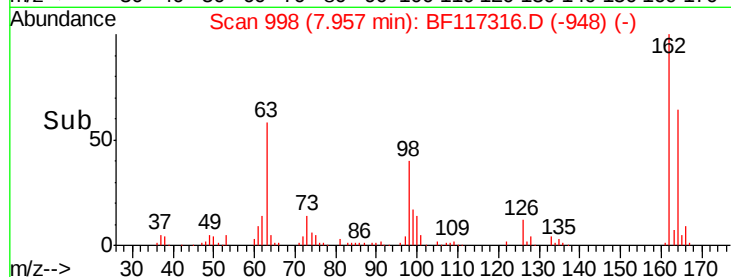
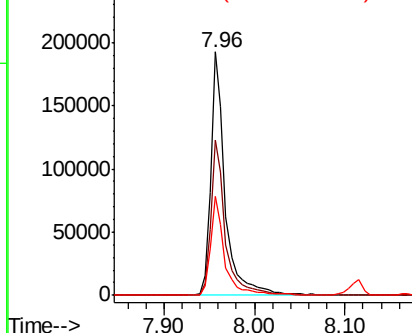


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.253 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

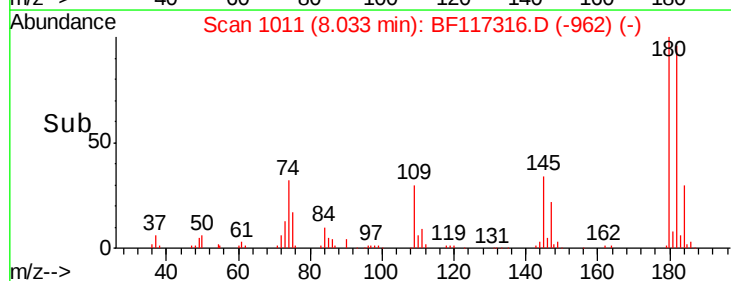
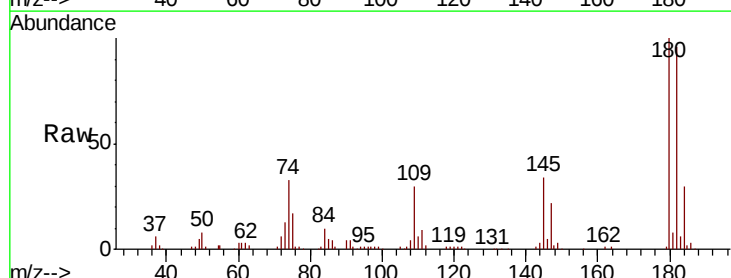
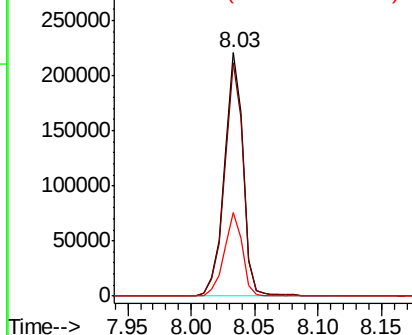
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224708		
182	95.7	75.4	113.0	
145	34.4	26.7	40.1	

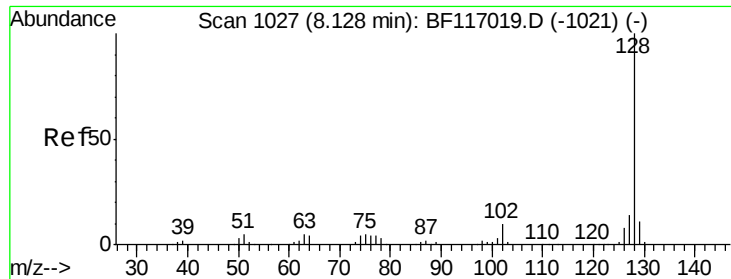
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





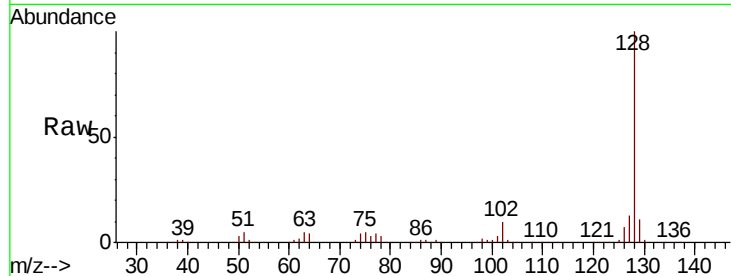
#31
Naphthalene
Concen: 40.981 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.8	10.8	16.2

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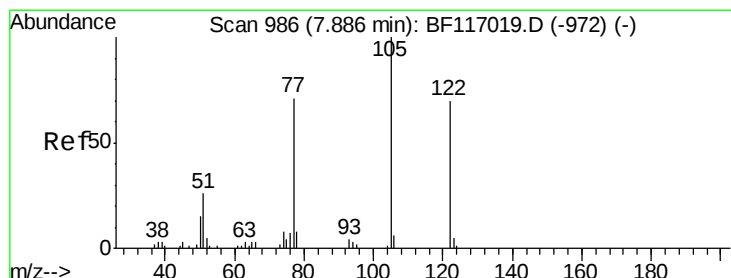
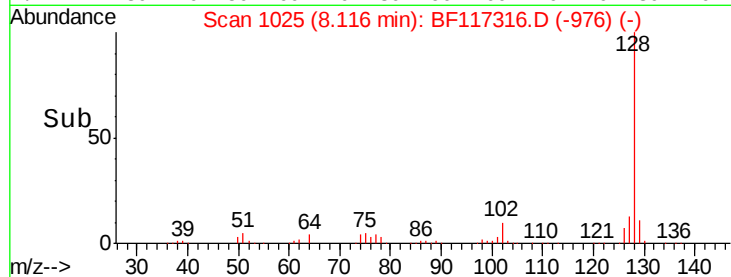
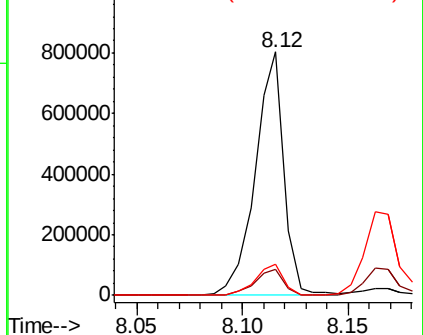


Abundance

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: 37.044 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

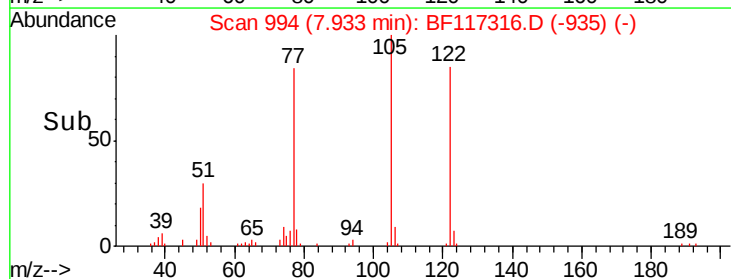
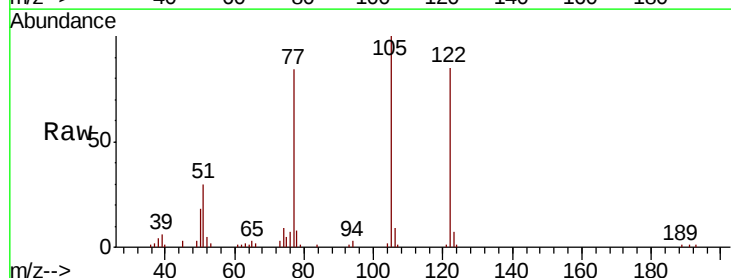
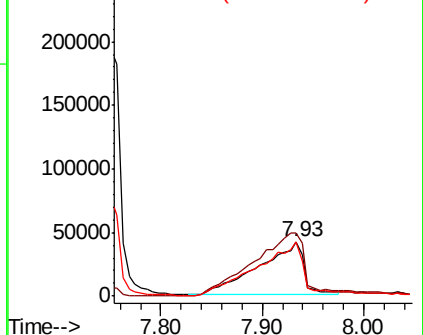
Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	114.8	154.8
77	98.8	78.7	118.7

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





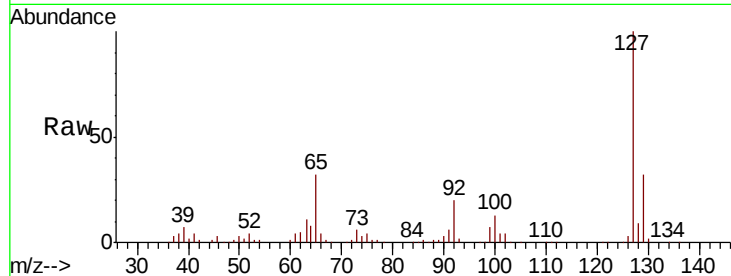
#33
4-Chloroaniline
Concen: 40.471 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.2	
65	31.9	23.5	35.3	
92	20.4	15.9	23.9	

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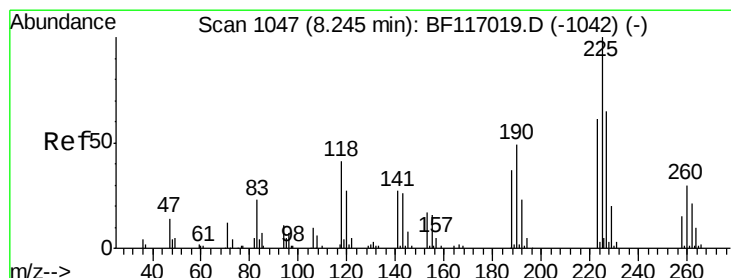
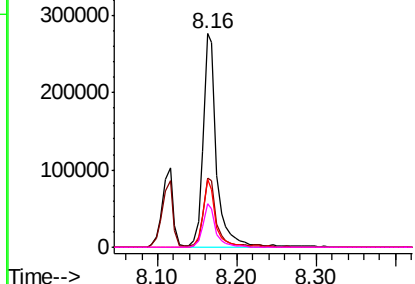
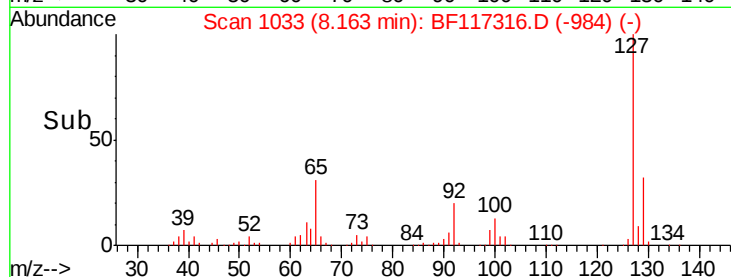
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

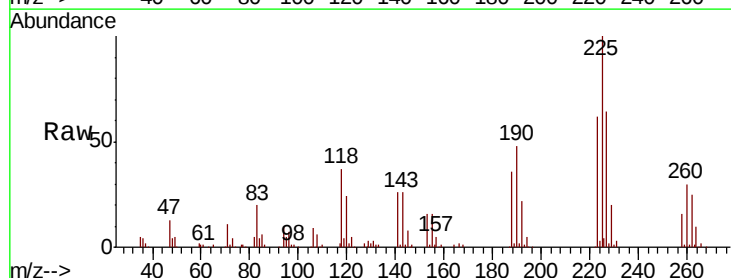
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.631 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.1	73.7	
227	63.9	52.2	78.2	

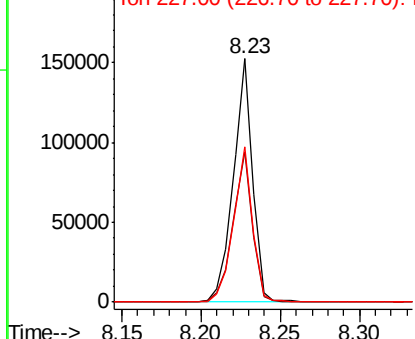
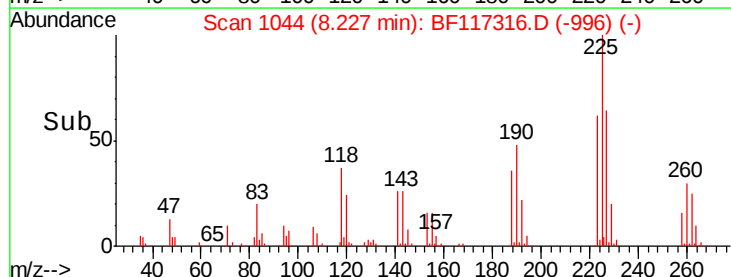


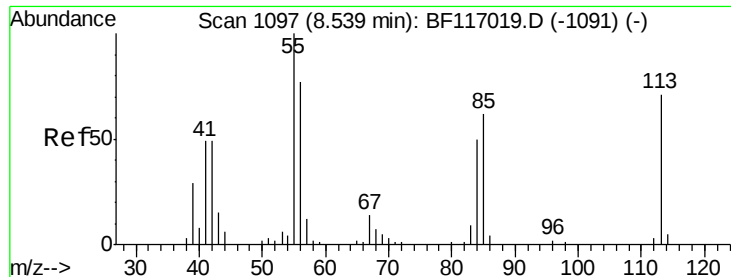
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





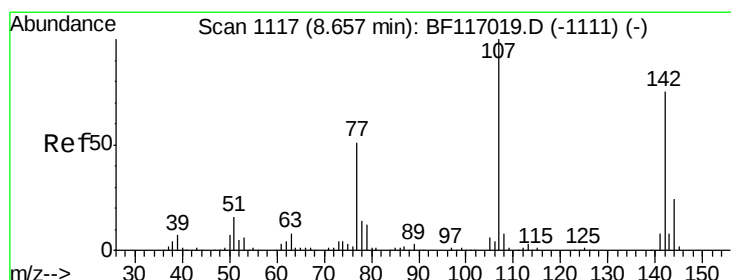
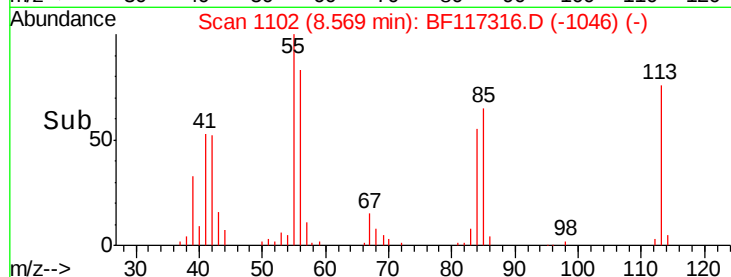
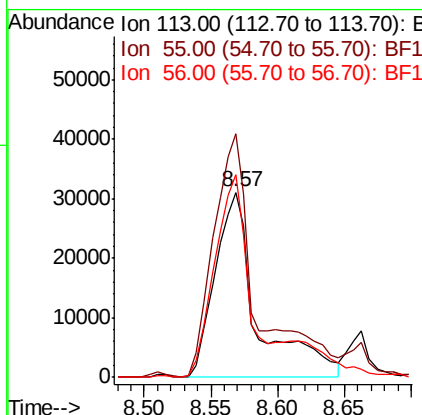
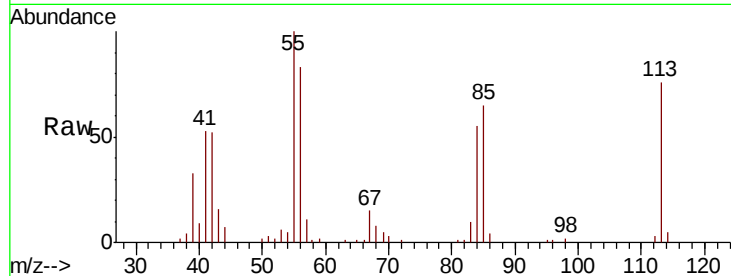
#35
Caprolactam
Concen: 39.644 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.03 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	131.5	120.6	160.6		
56	109.5	88.8	128.8		

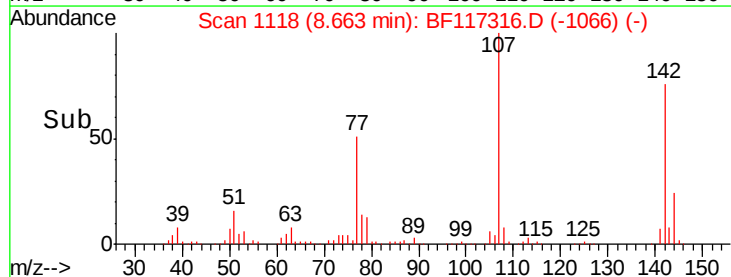
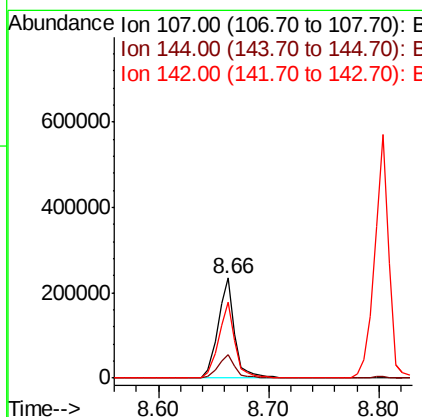
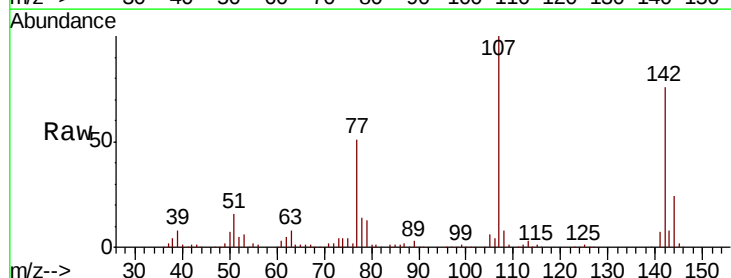
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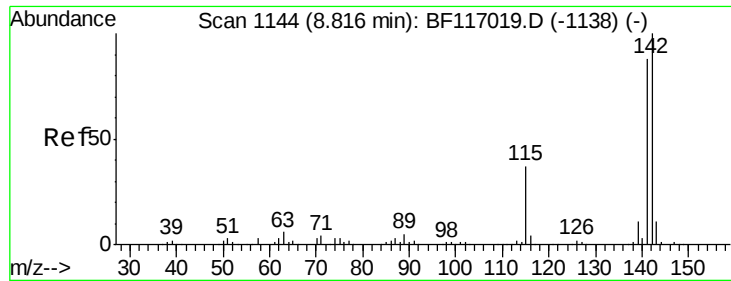
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#36
4-Chloro-3-methylphenol
Concen: 40.804 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.1	19.2	28.8		
142	76.0	59.6	89.4		





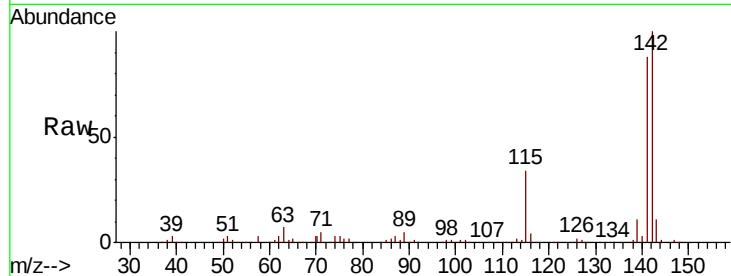
#37
2-Methylnaphthalene
Concen: 41.244 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	34.4	29.4	44.0

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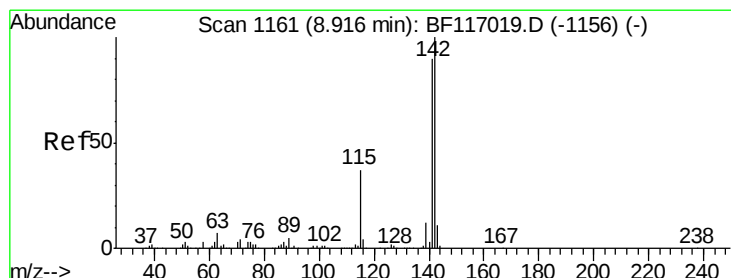
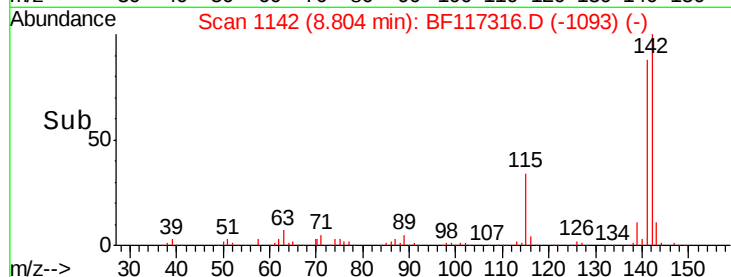
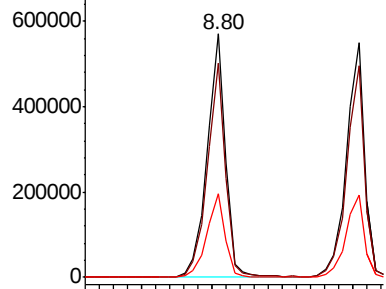


Abundance

Ion 142.00 (141.70 to 142.70): E

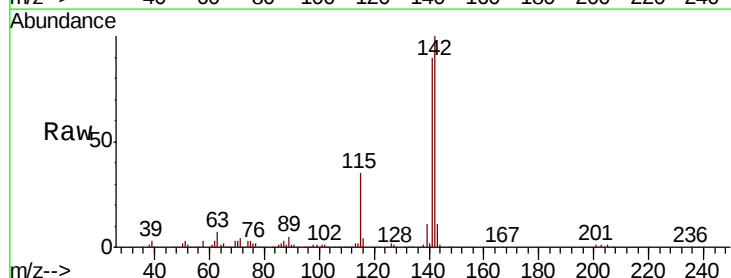
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.715 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.7	3.2	4.8

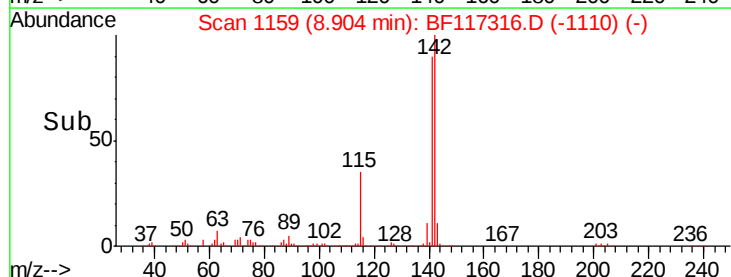
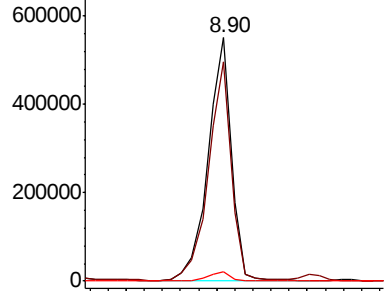


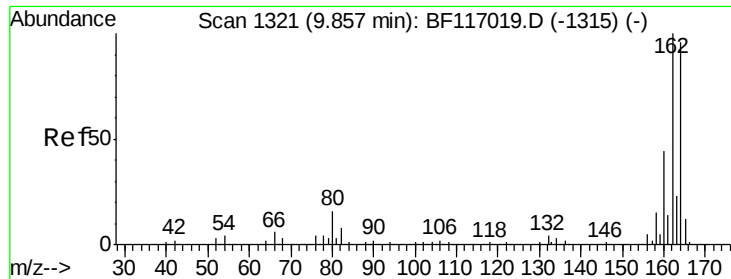
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

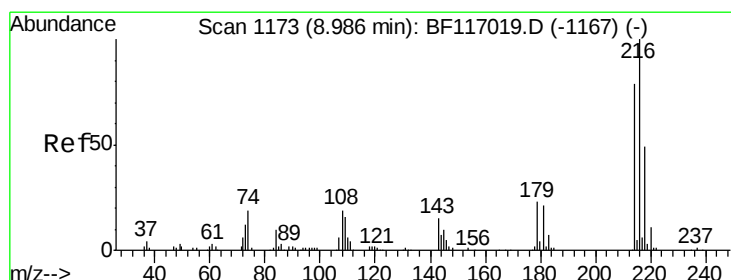
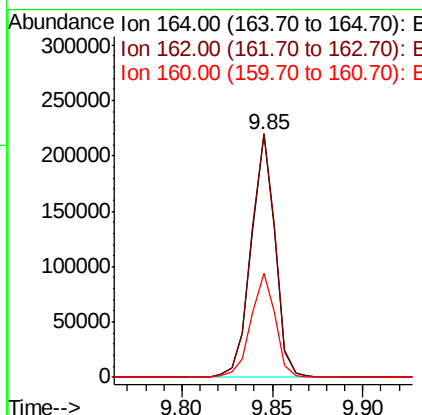
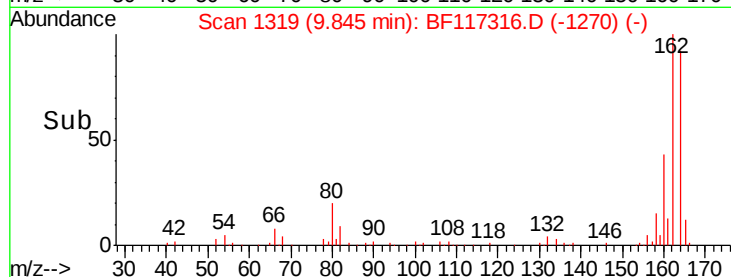
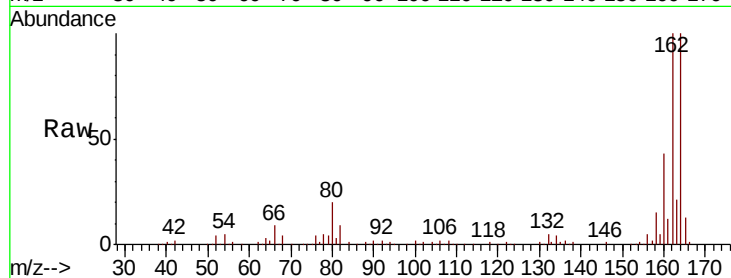
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	201211
Ion Ratio	Lower	Upper	
164	100		
162	99.9	83.4	125.2
160	43.0	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.585 ng

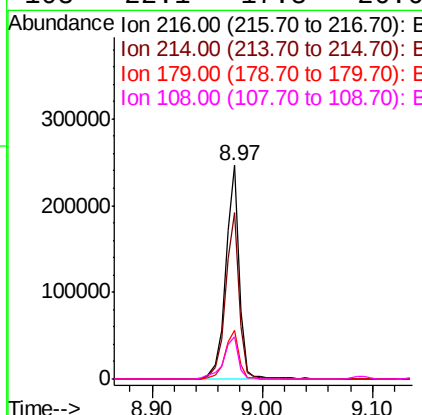
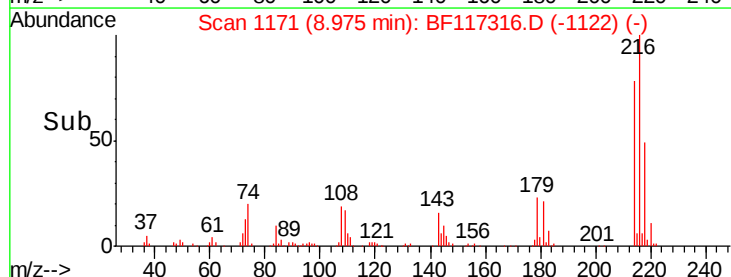
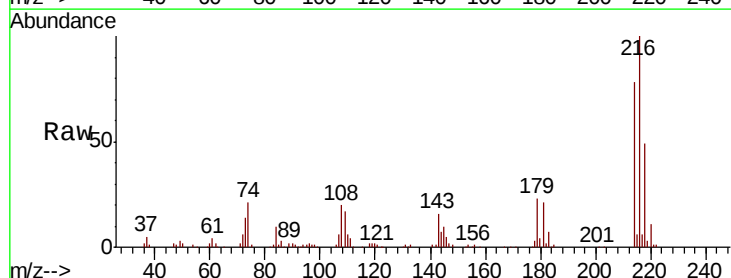
RT: 8.97 min Scan# 1171

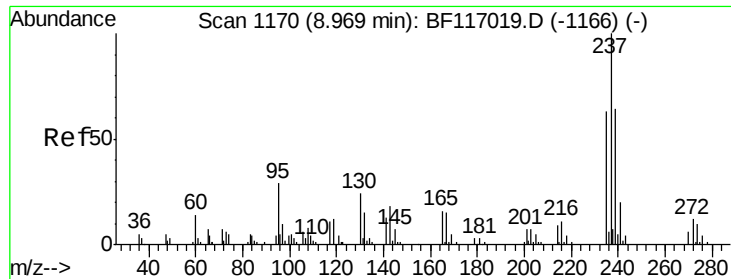
Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:	216	Resp:	210870
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.6	95.4
179	23.4	18.3	27.5
108	22.1	17.8	26.6





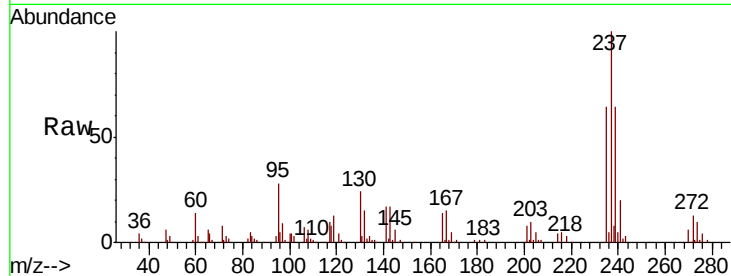
#41
Hexachlorocyclopentadiene
Concen: 40.303 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

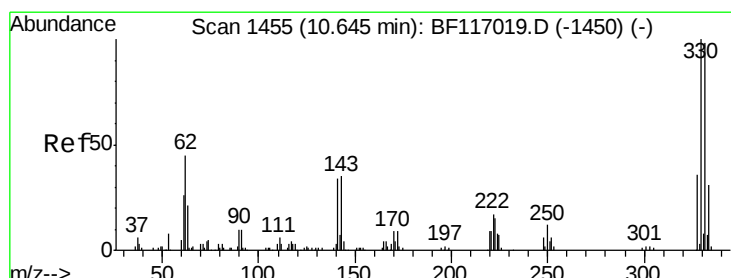
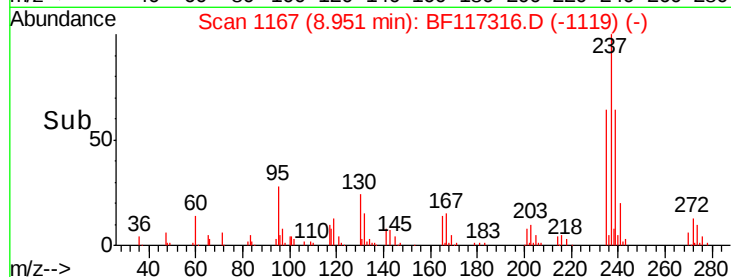
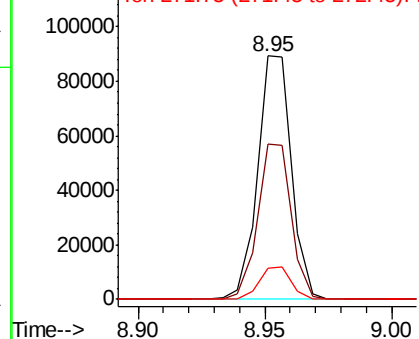
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	43.2	83.2
272	12.8	0.0	31.9

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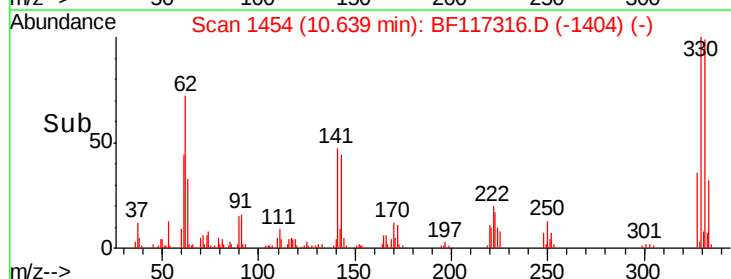
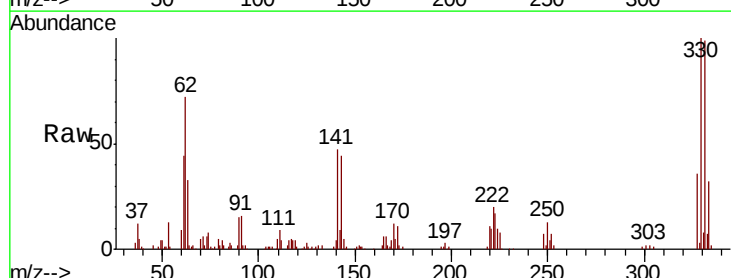
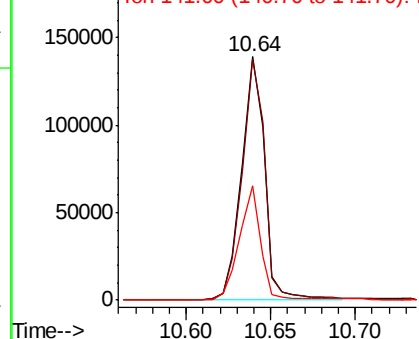
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 78.936 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.2	78.0	117.0
141	43.8	35.8	53.6

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





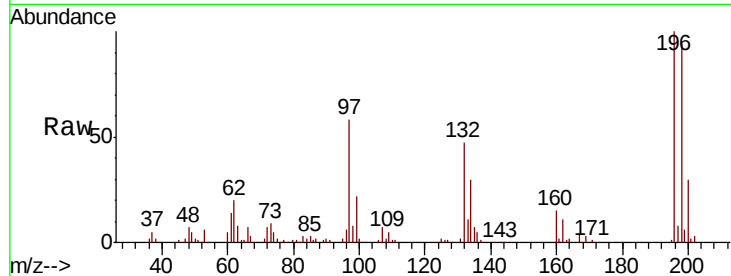
#43
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

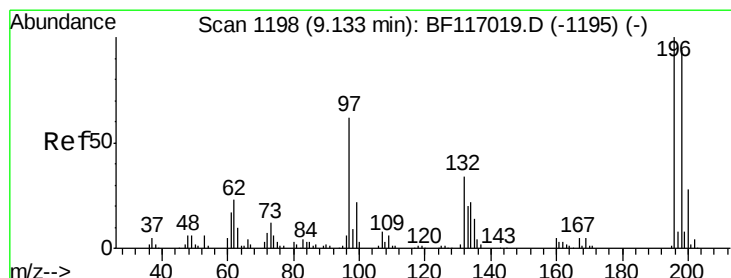
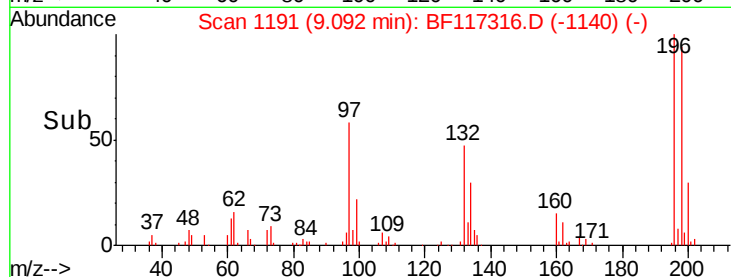
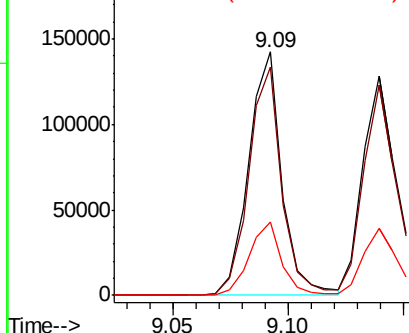
Tot Ion:	196	Resp:	143181
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.7	113.5
200	30.0	23.3	34.9

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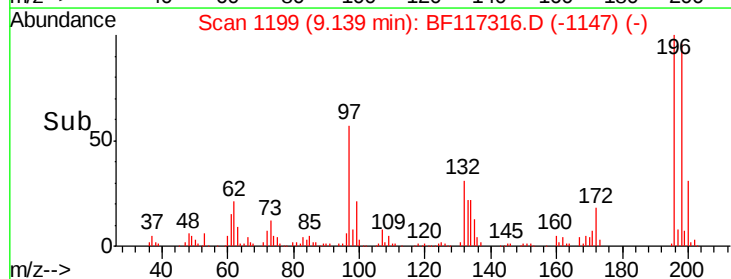
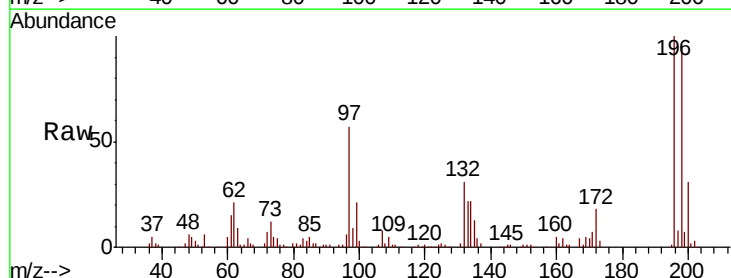
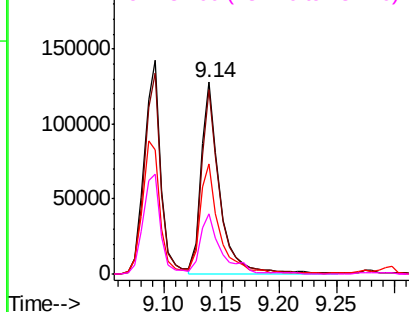
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

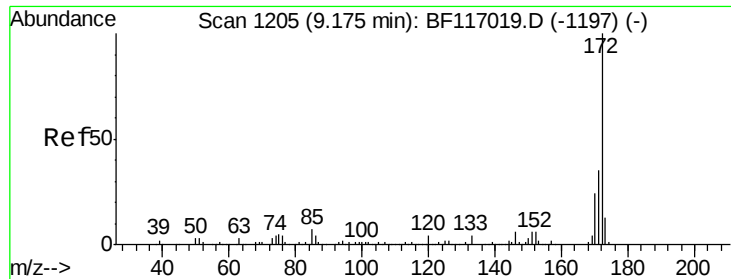


#44
 2,4,5-Trichlorophenol
 Concen: 38.712 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion:	196	Resp:	145838
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.6	112.0
97	57.1	49.5	74.3
132	31.1	27.4	41.2

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





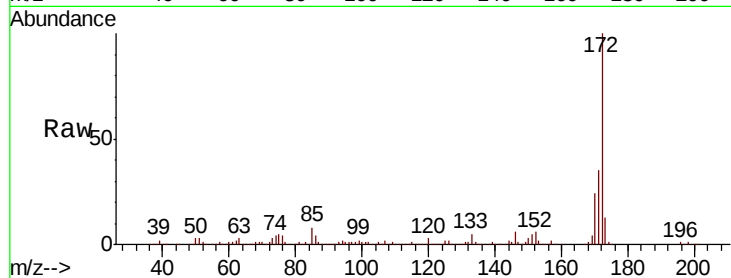
#45
2-Fluorobiphenyl
Concen: 81.970 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.9	18.9	28.3

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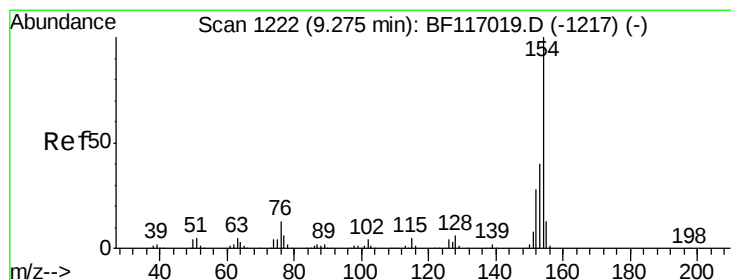
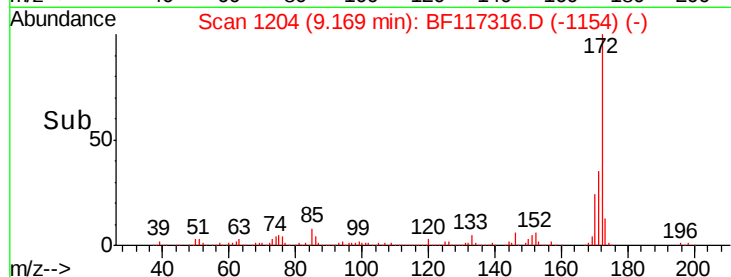
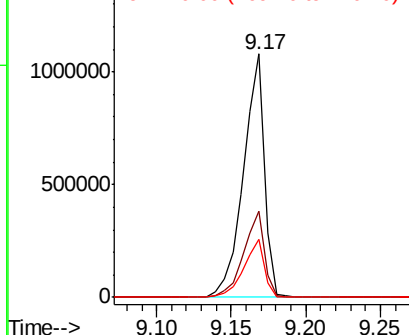


Abundance

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: 40.427 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

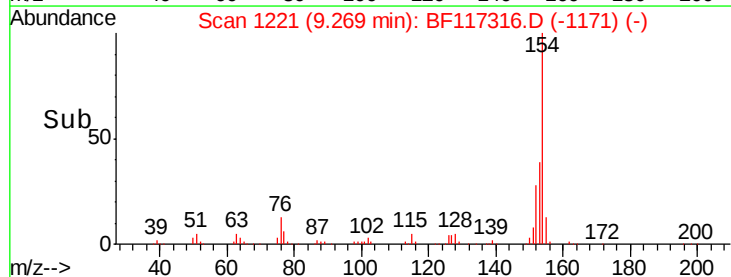
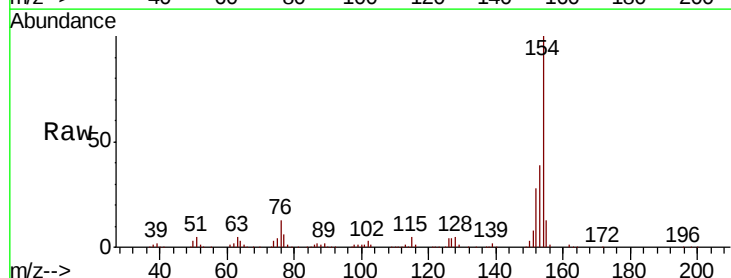
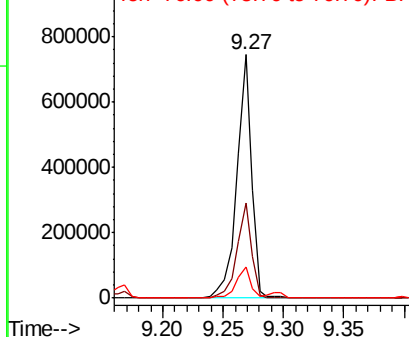
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	13.0	0.0	32.7

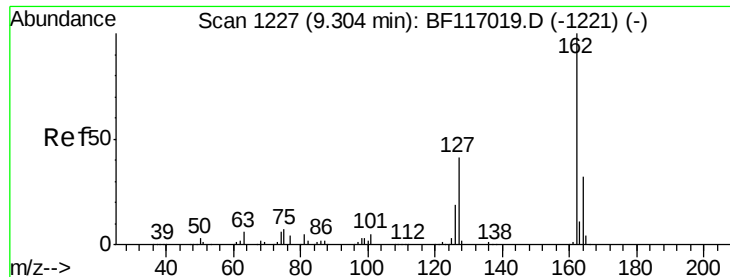
Abundance

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





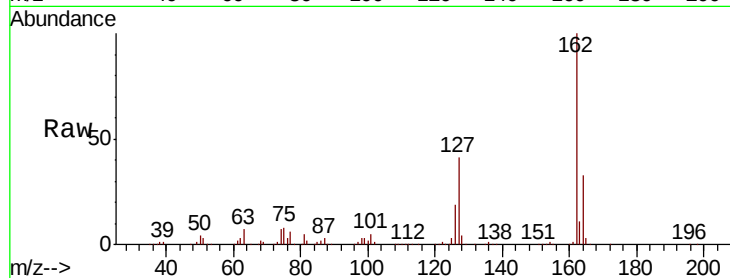
#47
2-Chloronaphthalene
Concen: 40.332 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	34.1	51.1	
164	32.8	25.9	38.9	

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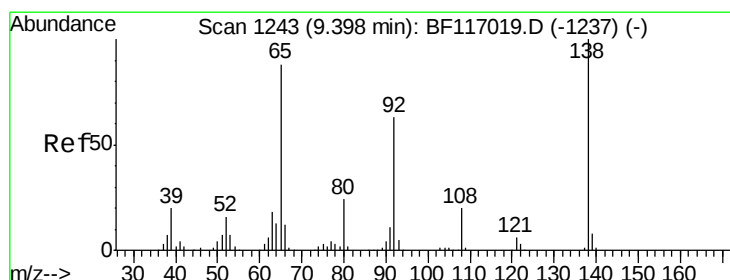
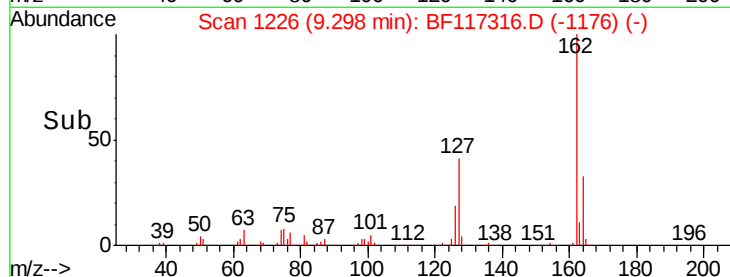
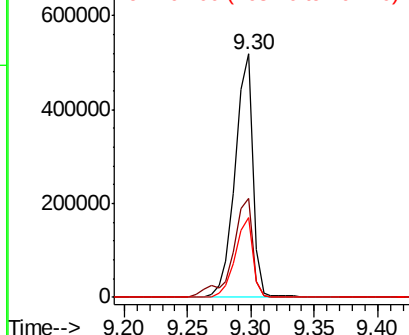


Abundance

Ion 162.00 (161.70 to 162.70): E

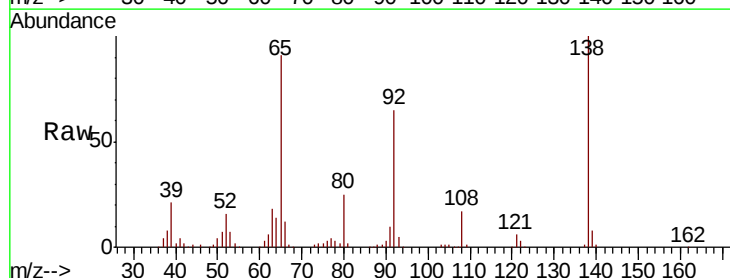
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.188 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.0	57.5	86.3	
138	109.7	90.6	136.0	

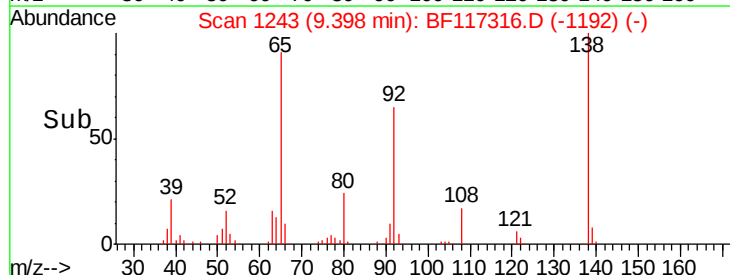
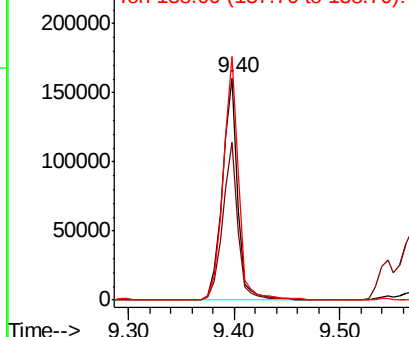


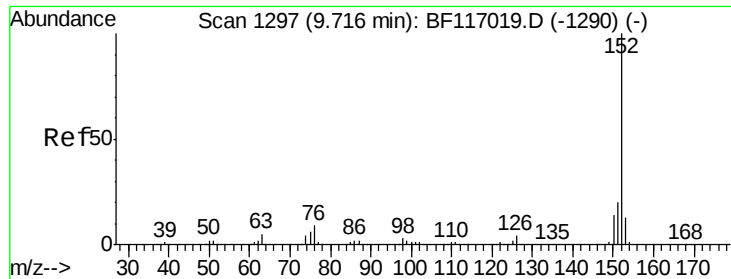
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





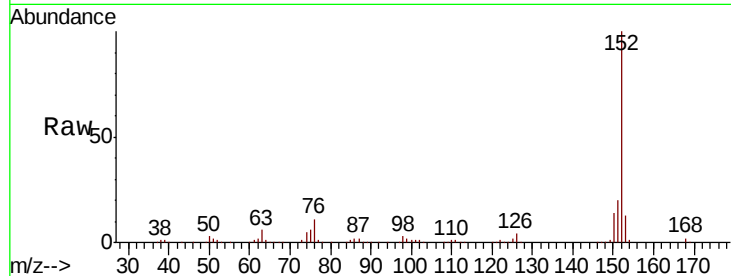
#49
Acenaphthylene
Concen: 39.008 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.0	10.2	15.4

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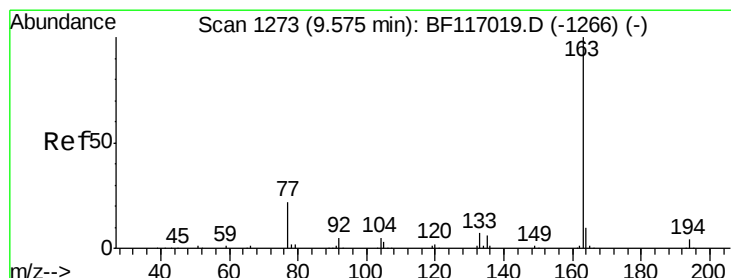
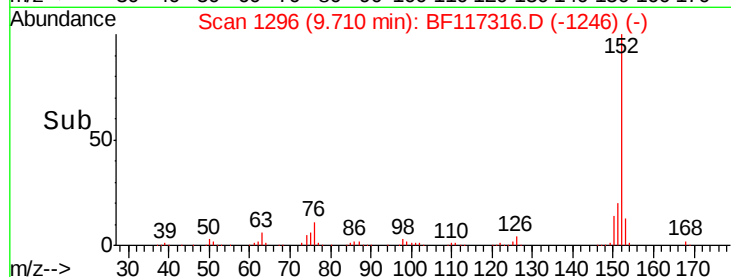
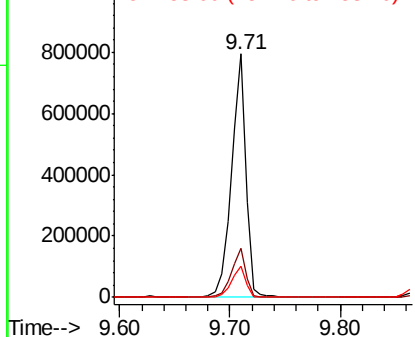


Abundance

Ion 152.00 (151.70 to 152.70): E

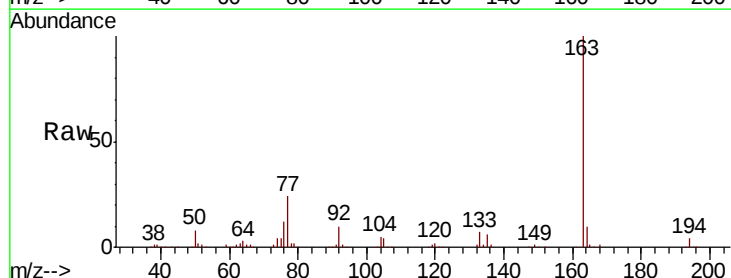
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.614 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.2	12.4

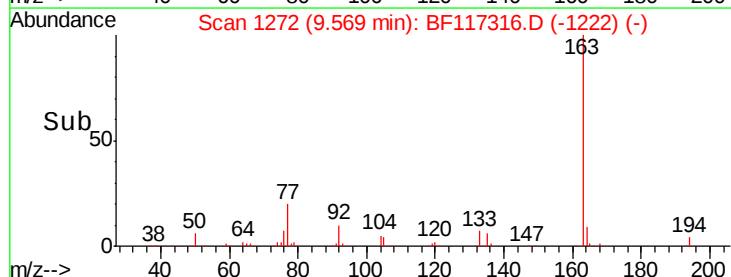
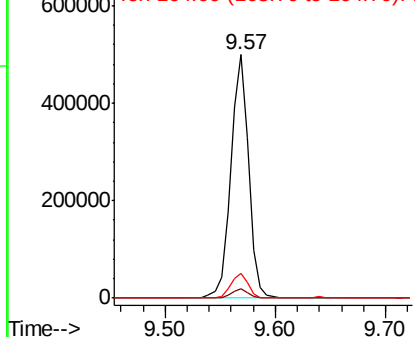


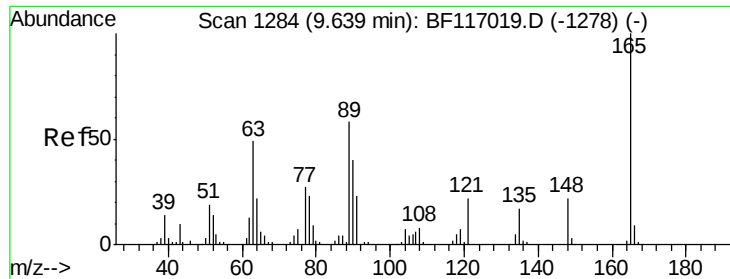
Abundance

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





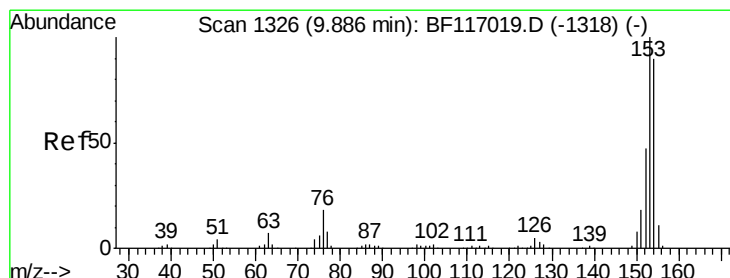
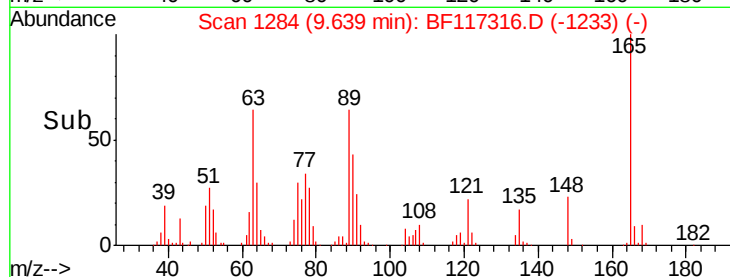
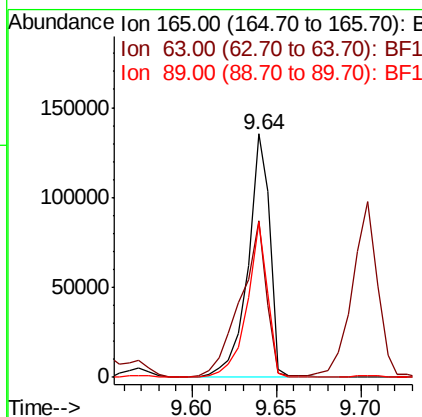
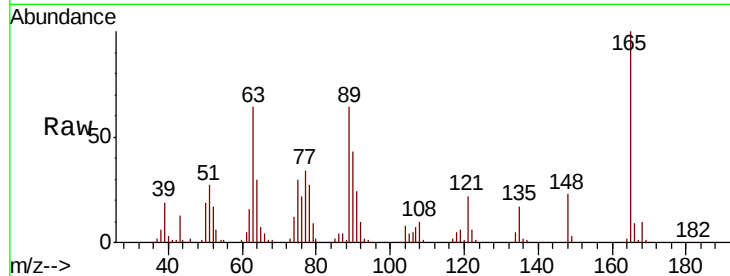
#51
2,6-Dinitrotoluene
Concen: 42.522 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.3	41.8	62.8#	
89	63.9	46.5	69.7	

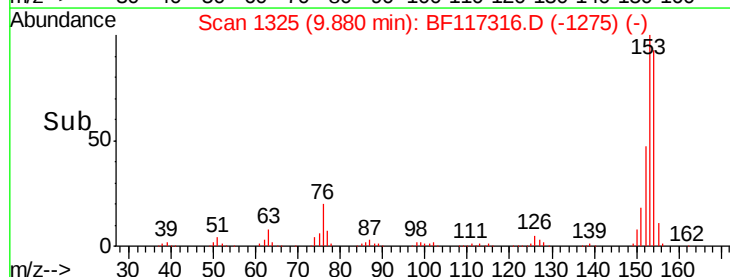
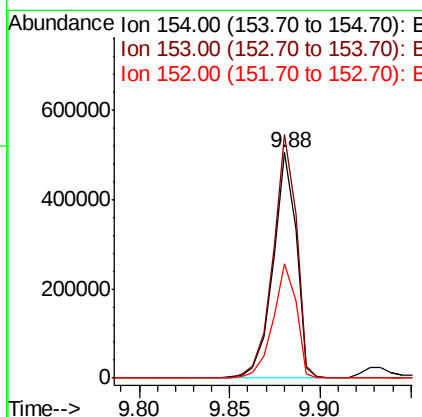
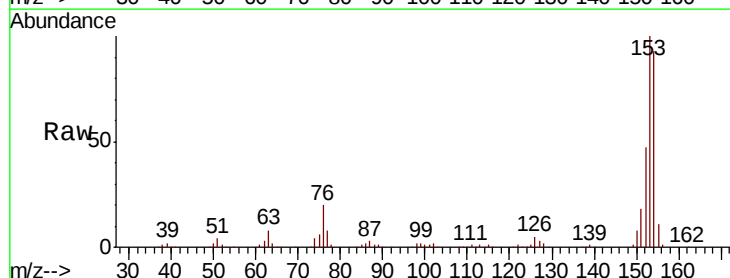
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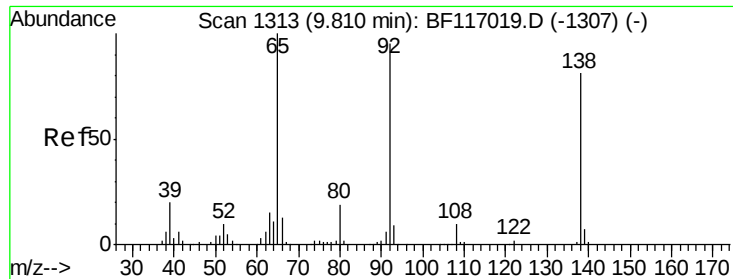
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#52
Acenaphthene
Concen: 40.563 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	107.9	89.0	133.6	
152	50.9	41.9	62.9	





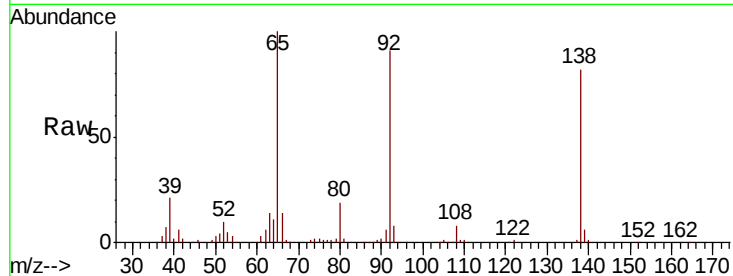
#53
3-Nitroaniline
Concen: 40.469 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

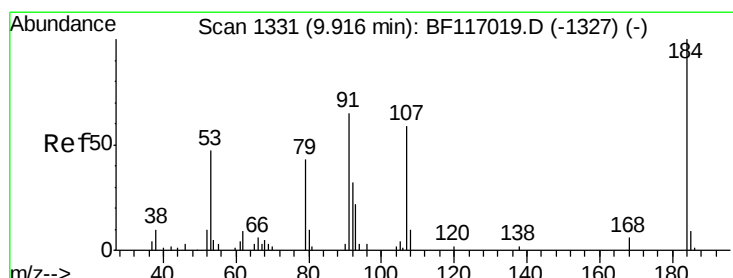
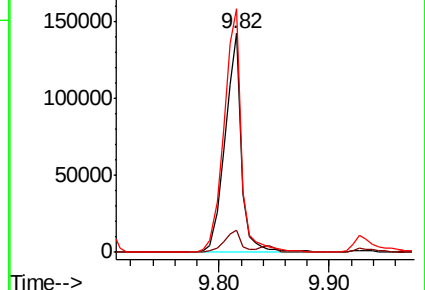
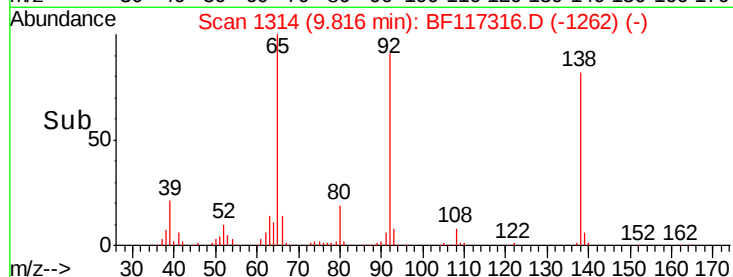
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.5	14.3
92	111.3	94.1	141.1

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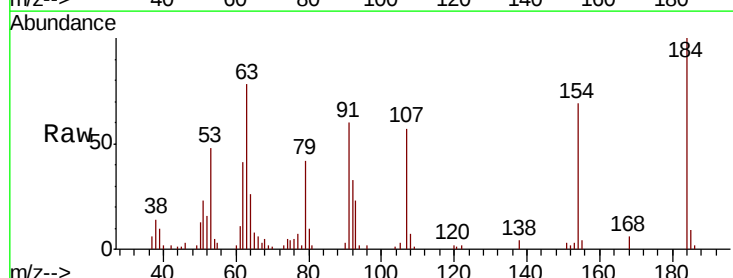


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

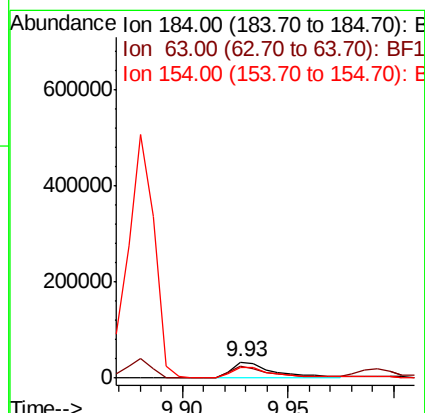
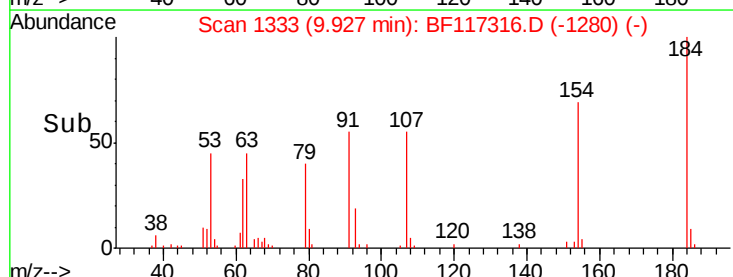


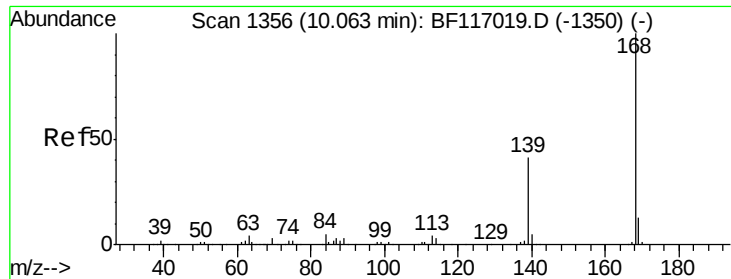
#54
2,4-Dinitrophenol
Concen: 42.953 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.7	63.8	95.6
154	68.8	60.4	90.6



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





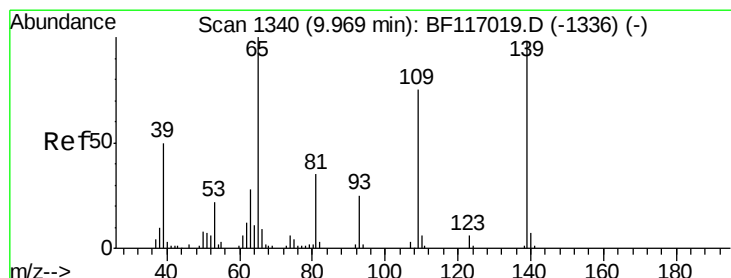
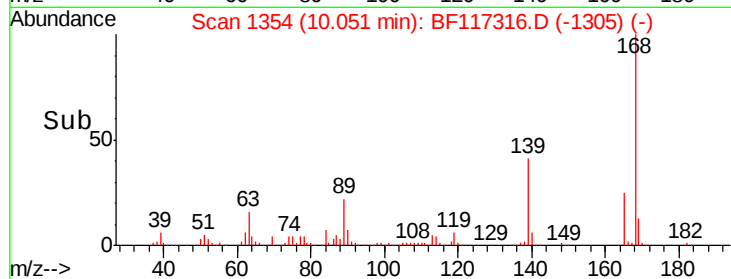
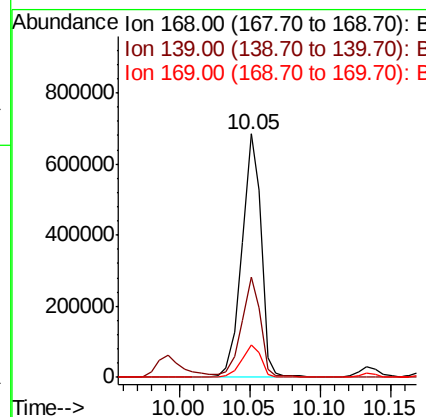
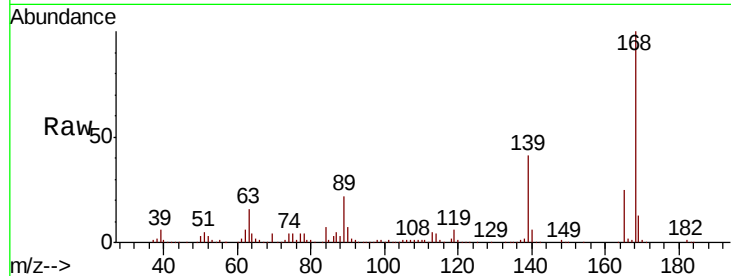
#55
Dibenzofuran
Concen: 39.800 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.8	49.2
169	13.2	10.5	15.7

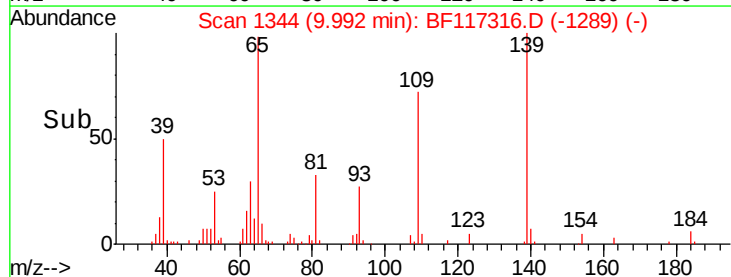
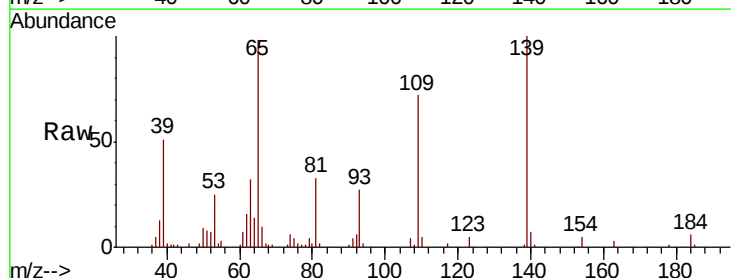
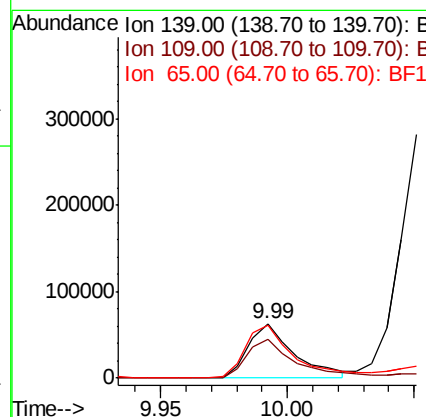
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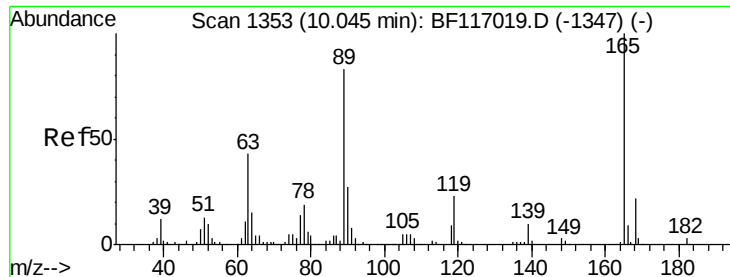
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#56
4-Nitrophenol
Concen: 33.670 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	56.4	96.4
65	98.2	82.5	122.5





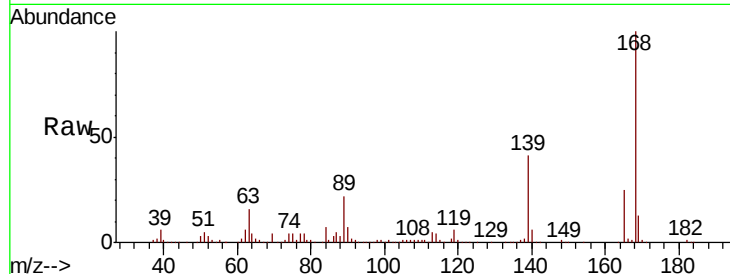
#57
2,4-Dinitrotoluene
Concen: 42.337 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	159461		
63	65.9	35.0	52.4	#
89	89.7	66.1	99.1	
182	2.4	2.0	3.0	

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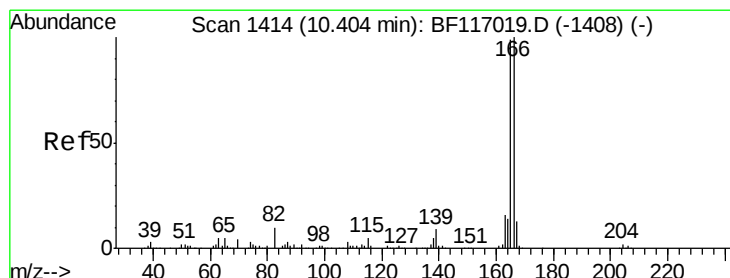
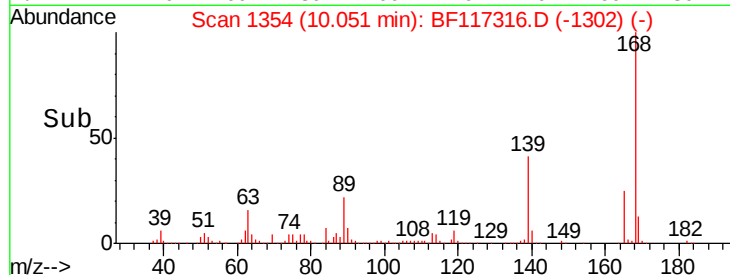
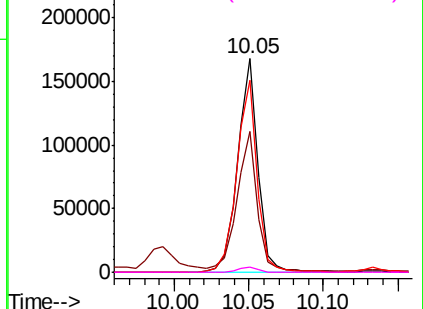
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.091 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

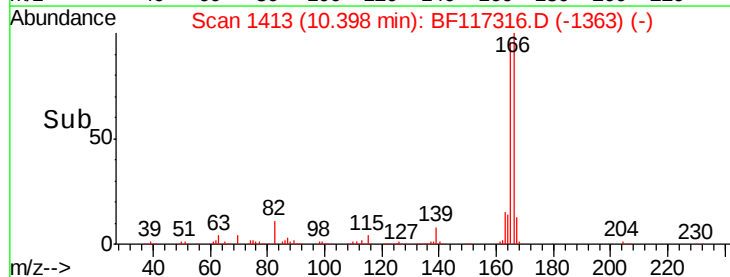
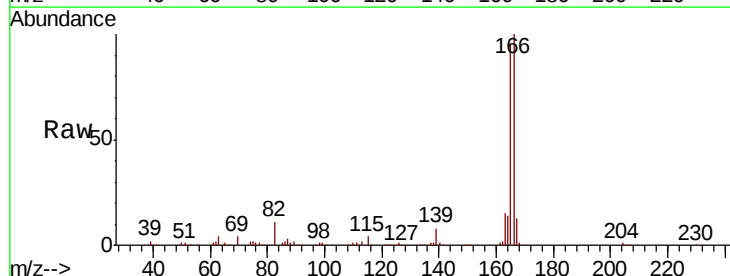
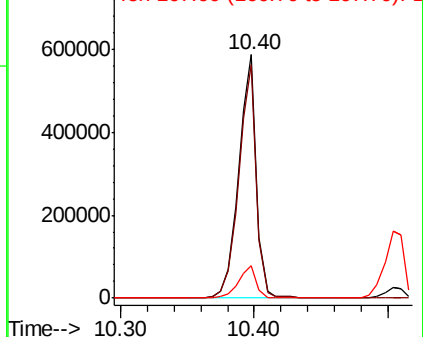
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	540202		
165	95.8	78.9	118.3	
167	13.4	10.6	15.8	

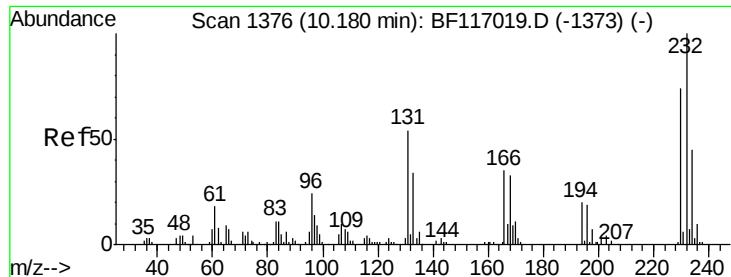
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.576 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 111210
Ion Ratio Lower Upper

232 100

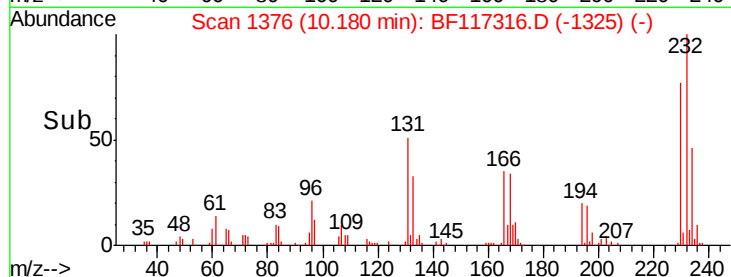
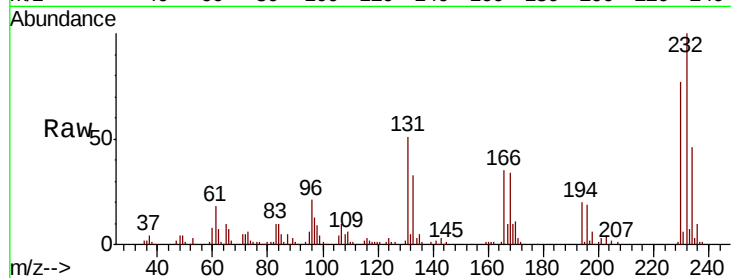
131 55.9 45.3 67.9

130 2.4 1.8 2.8

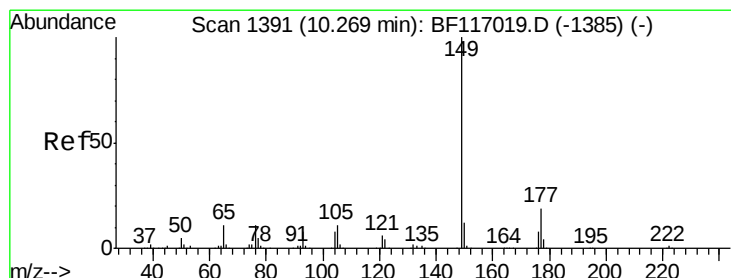
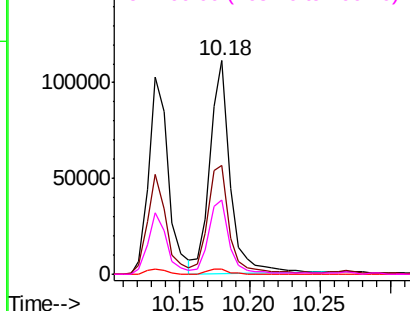
166 35.0 29.4 44.2

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.293 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF117316.D

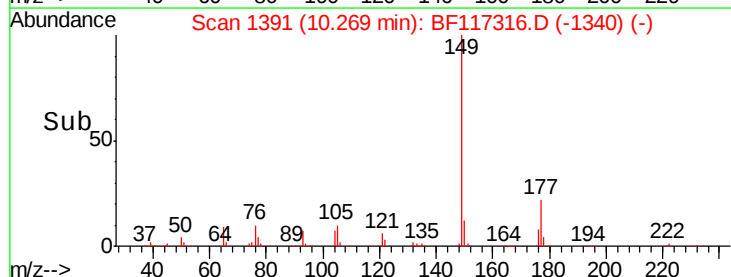
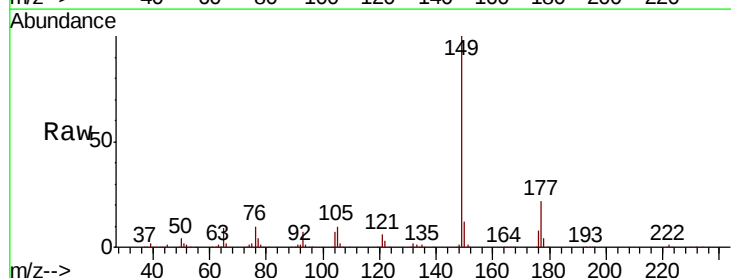
Acq: 3 Oct 2019 13:54

Tgt Ion:149 Resp: 564760
Ion Ratio Lower Upper

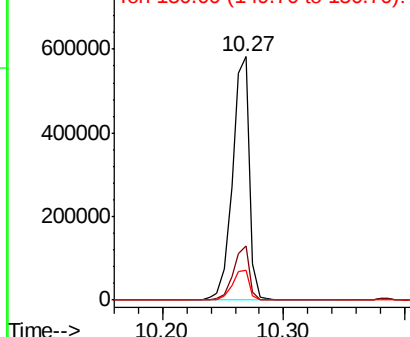
149 100

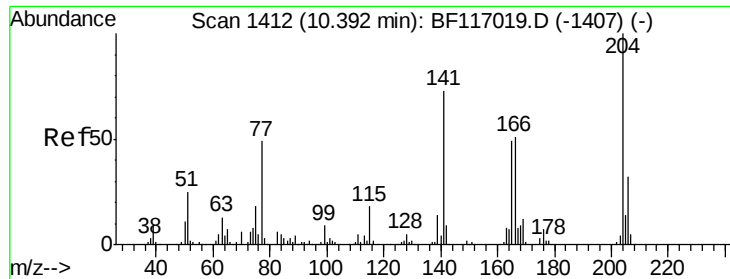
177 22.0 15.2 22.8

150 12.3 9.9 14.9



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





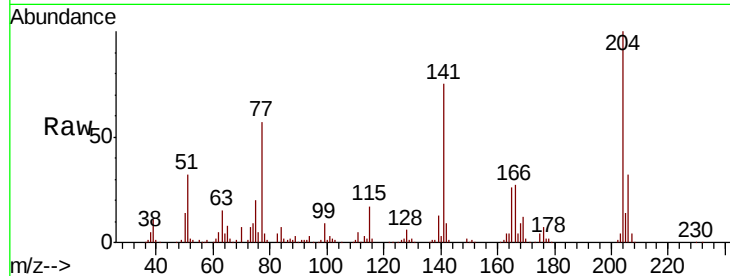
#61
4-Chlorophenyl-phenylether
Concen: 42.206 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	74.5	58.2	87.2

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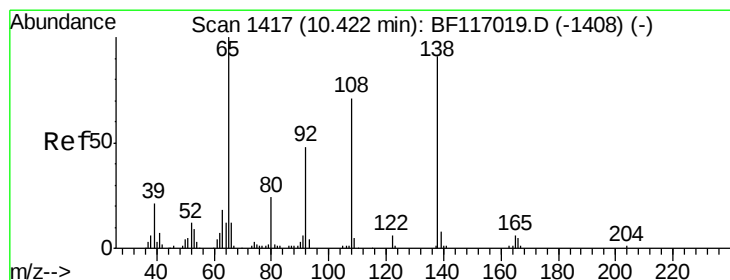
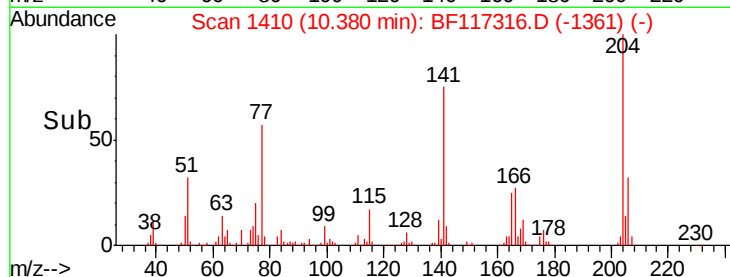
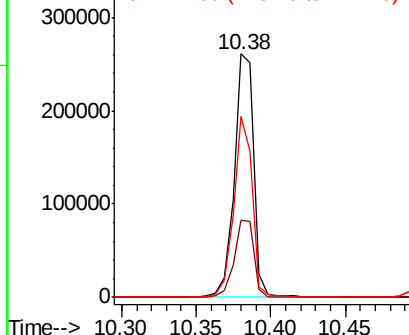


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.240 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

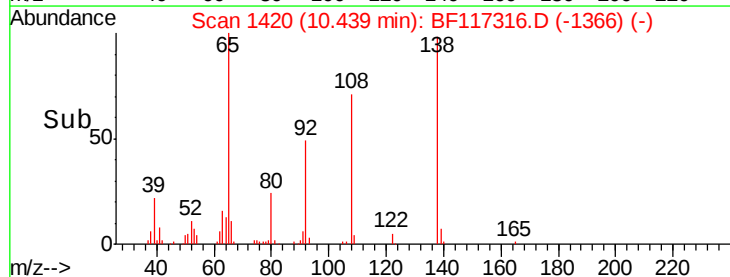
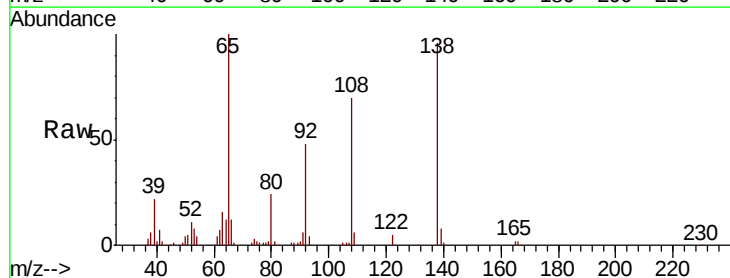
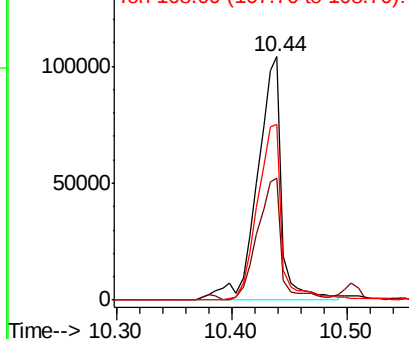
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	32.9	72.9
108	72.4	58.3	98.3

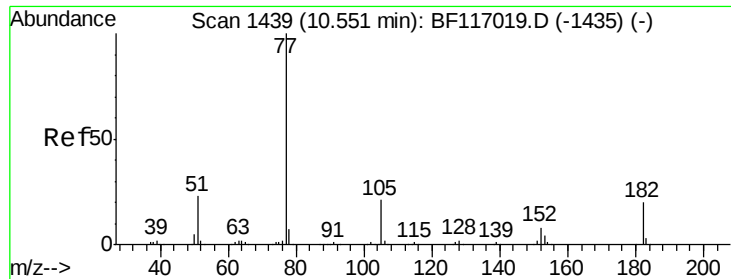
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





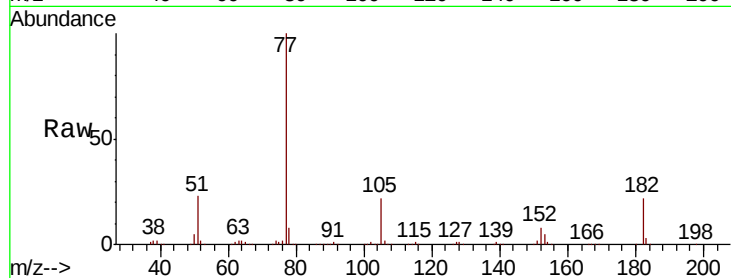
#63
Azobenzene
Concen: 40.588 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

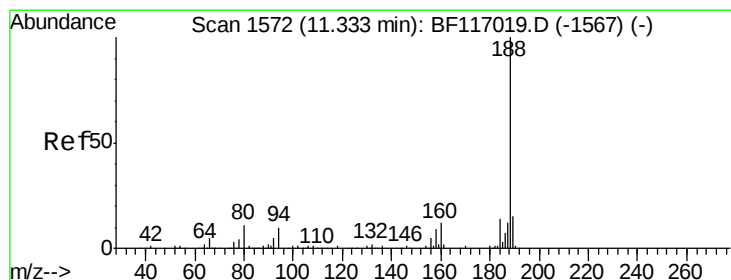
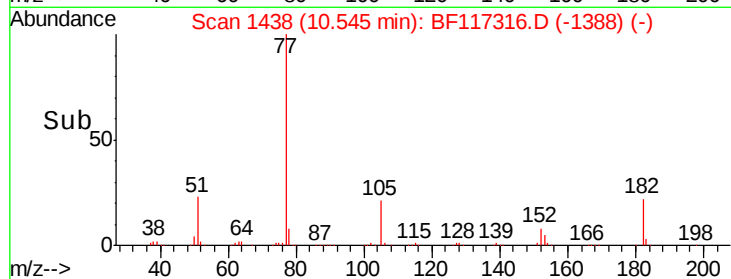
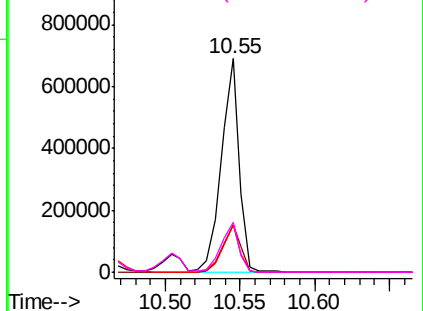
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		581033		
182	22.3	0.4	40.4		
105	22.0	0.9	40.9		
51	23.5	2.8	42.8		

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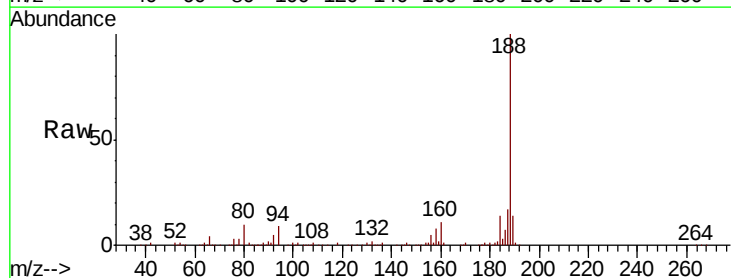


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

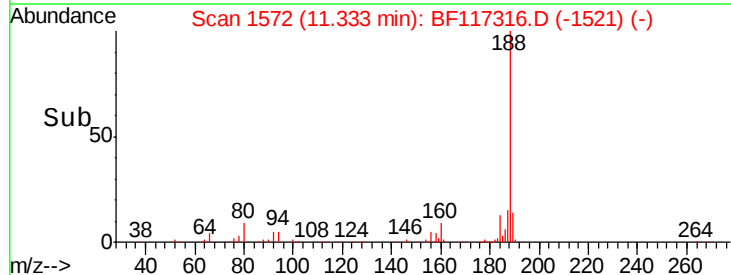
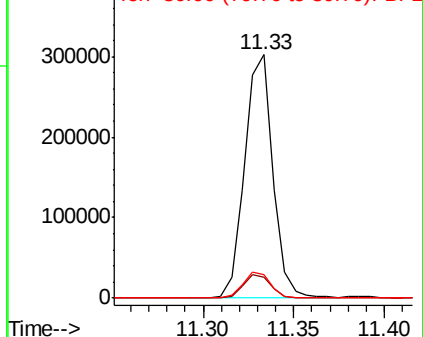


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		327036		
94	8.6	8.2	12.2		
80	9.7	9.0	13.6		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.316 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 72075

Ion Ratio Lower Upper

198 100

51 45.7 18.7 58.7

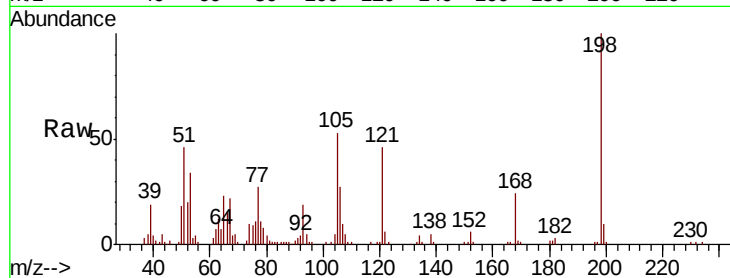
105 52.6 30.2 70.2

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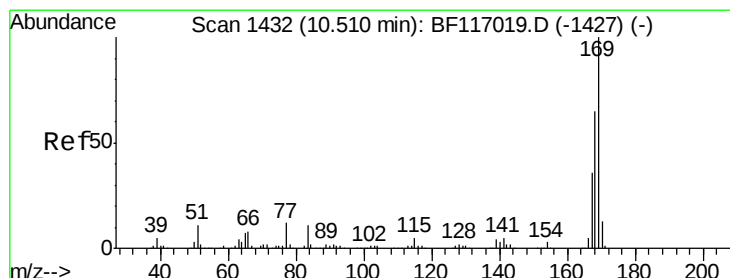
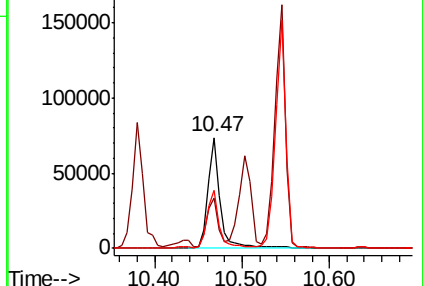
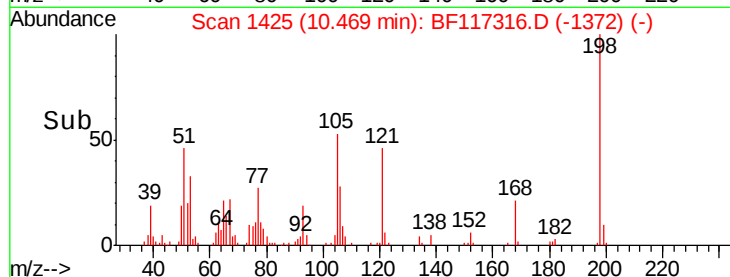
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.913 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

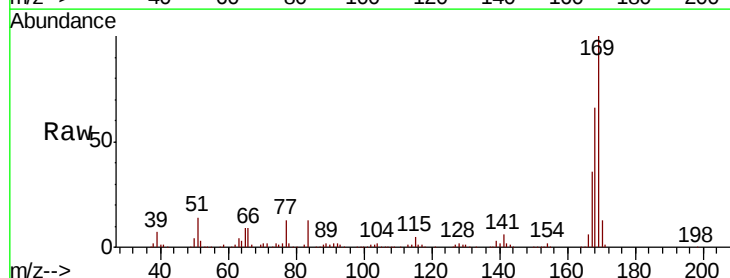
Tgt Ion:169 Resp: 462089

Ion Ratio Lower Upper

169 100

168 66.1 52.2 78.2

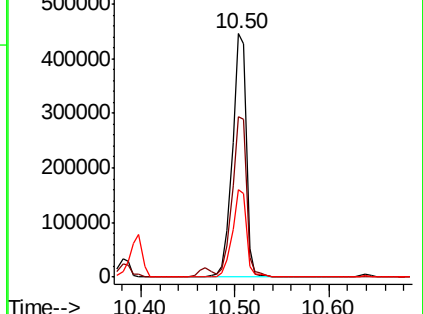
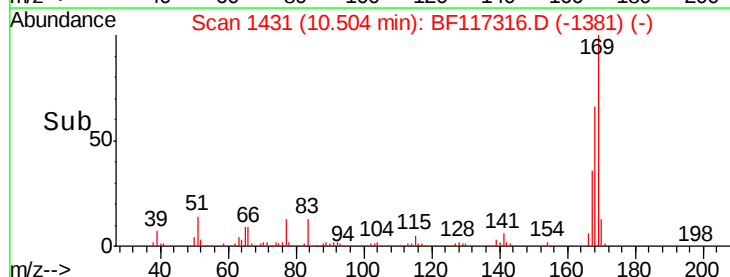
167 36.2 28.8 43.2

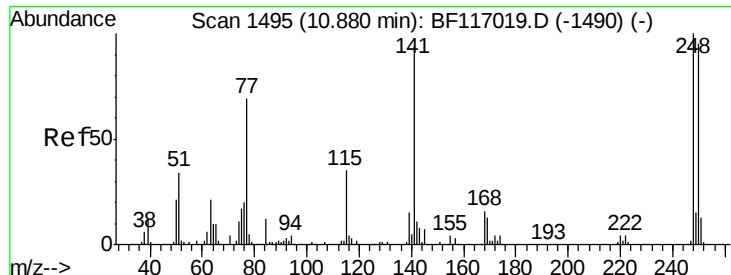


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





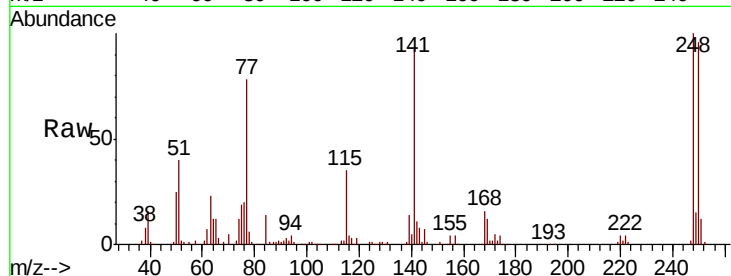
#67
4-Bromophenyl-phenylether
Concen: 41.551 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.2	114.4
141	92.7	75.0	112.4

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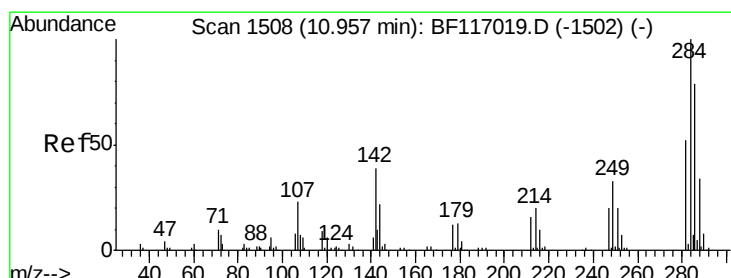
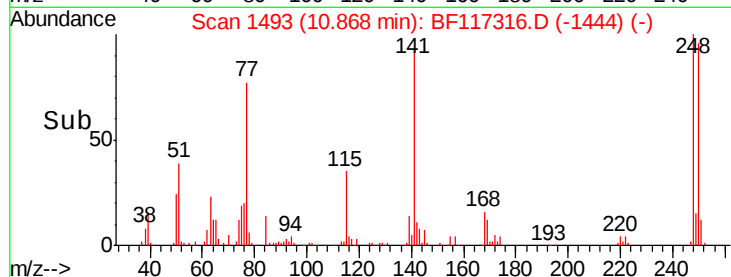
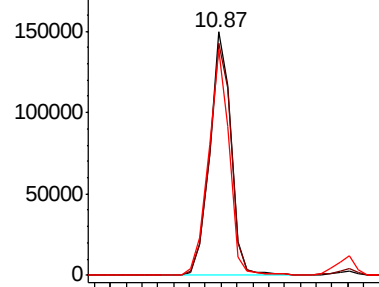


Abundance

Ion 248.00 (247.70 to 248.70): E

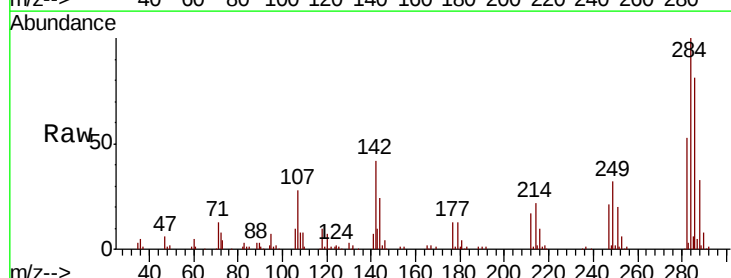
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.697 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.2	31.4	47.2
249	31.7	26.5	39.7

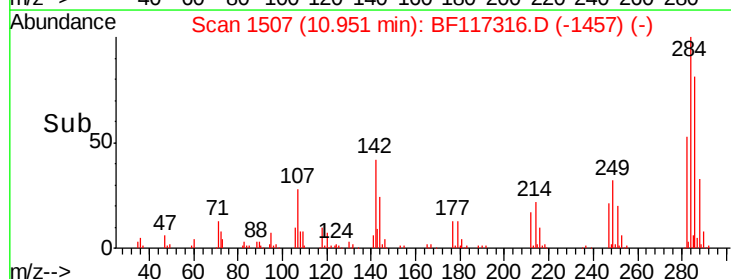
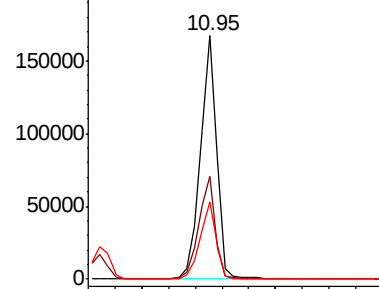


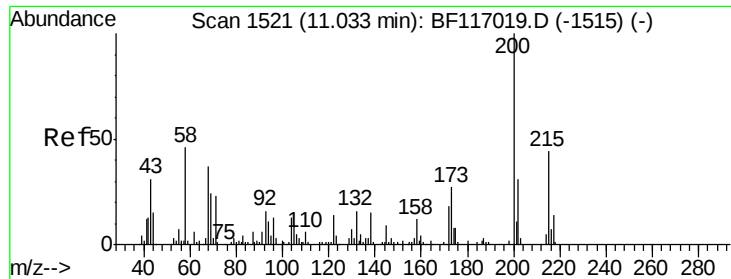
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





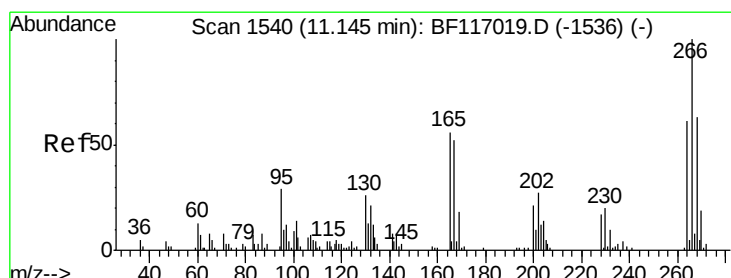
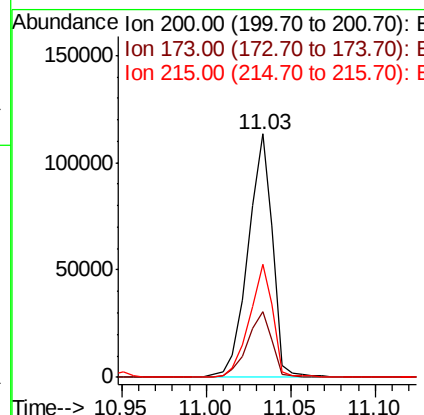
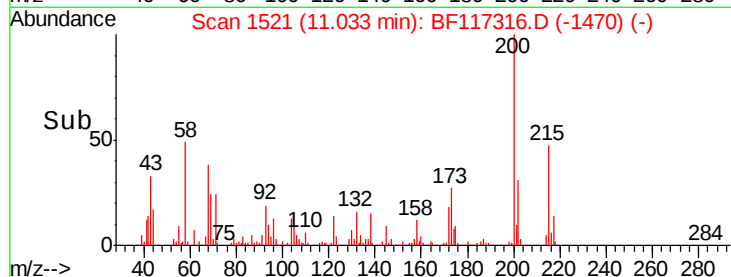
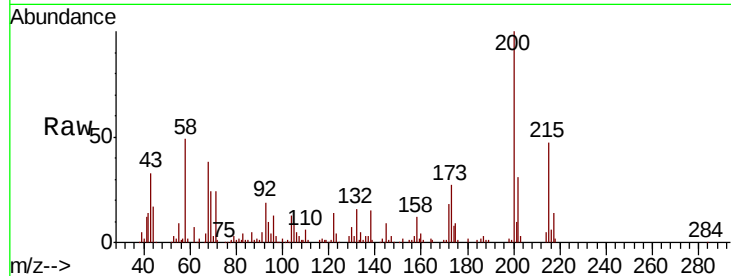
#69
Atrazine
Concen: 39.398 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	46.5	23.8	63.8

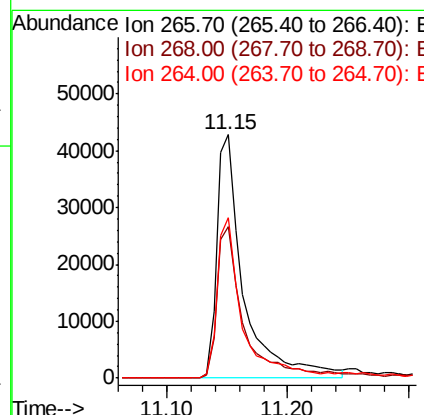
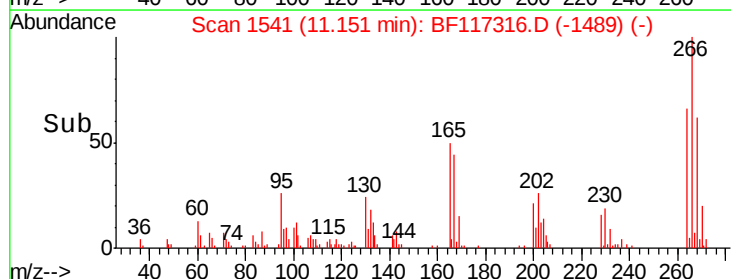
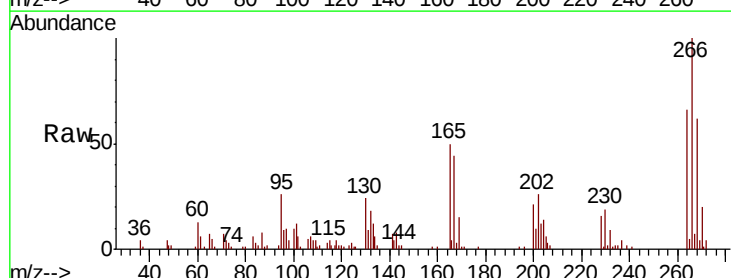
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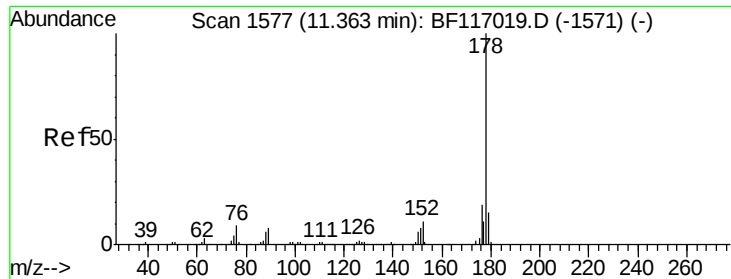
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#70
Pentachlorophenol
Concen: 38.040 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.5	75.7
264	66.1	48.8	73.2





#71

Phenanthrene

Concen: 40.133 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Instrument :

BNA_F

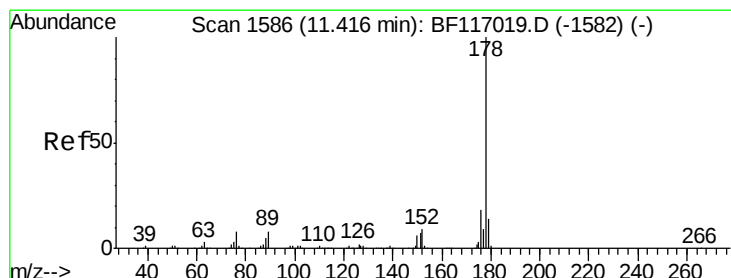
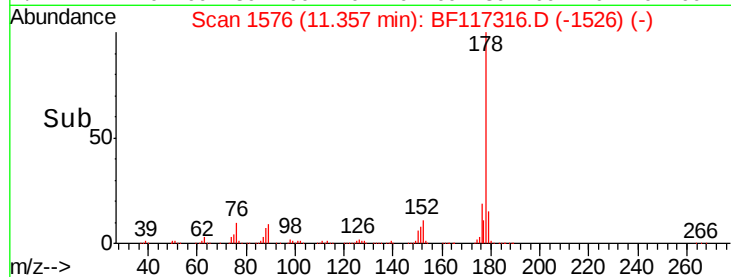
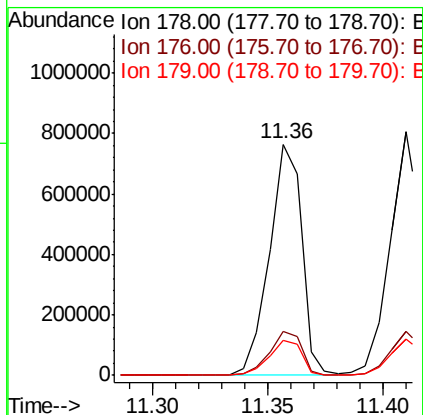
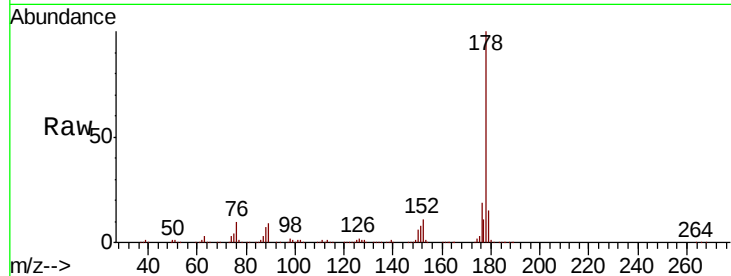
ClientSampled :

SSTDCCC040

Tot Ion:178	Resp:	745482
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.4 23.2
179	15.4	12.4 18.6

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#72

Anthracene

Concen: 40.277 ng

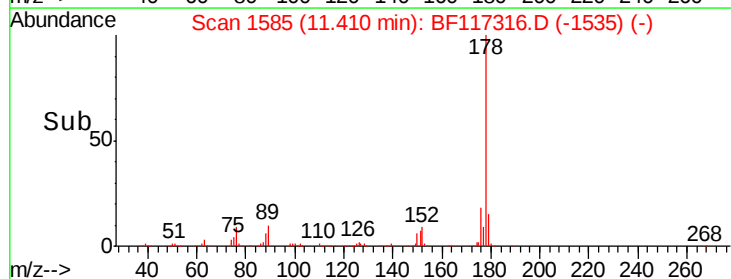
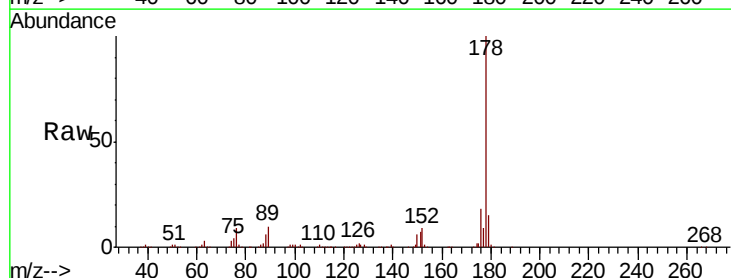
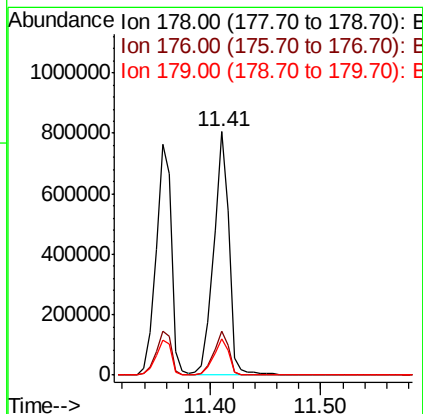
RT: 11.41 min Scan# 1585

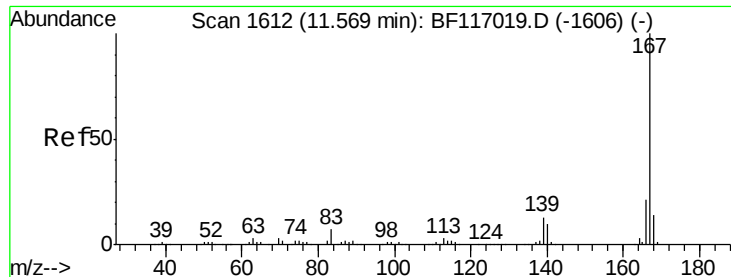
Delta R.T. -0.01 min

Lab File: BF117316.D

Acq: 3 Oct 2019 13:54

Tgt Ion:178	Resp:	763824
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.6 21.8
179	15.1	11.6 17.4





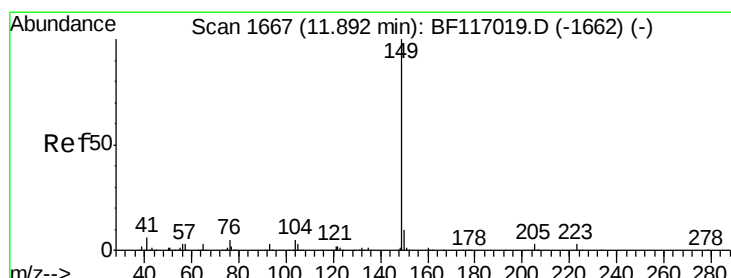
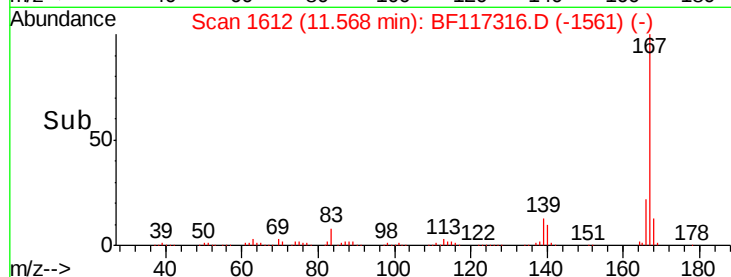
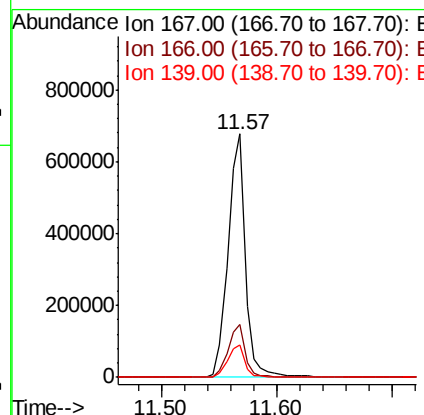
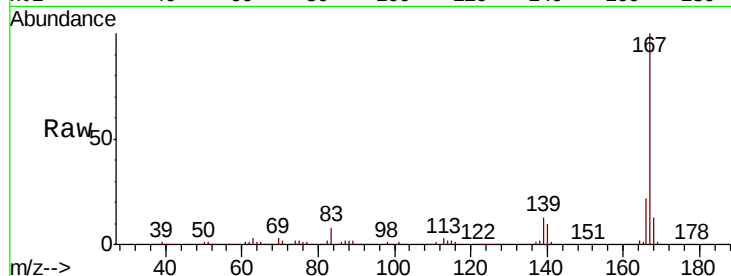
#73
 Carbazole
 Concen: 39.299 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.2	10.6	16.0

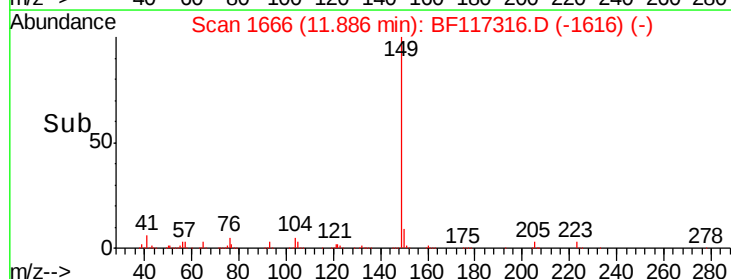
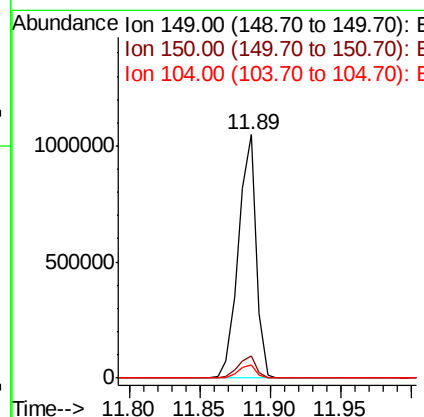
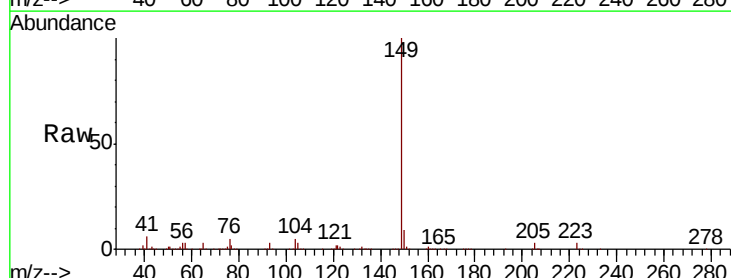
Manual Integrations
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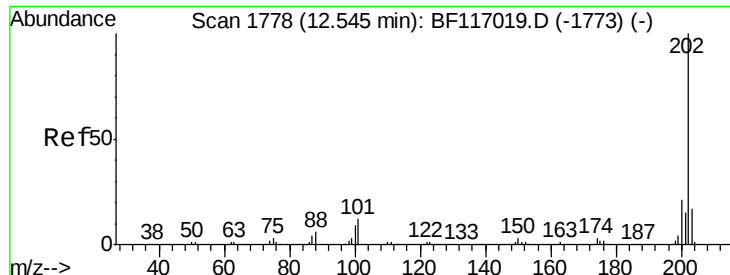
mohammad
 10/7/2019 8:25:41 AM



#74
 Di-n-butylphthalate
 Concen: 42.867 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.2	4.2	6.4





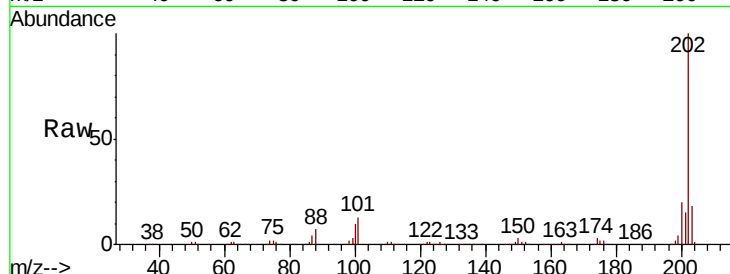
#75
 Fluoranthene
 Concen: 38.665 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	32.3
203	18.0	0.0	37.1

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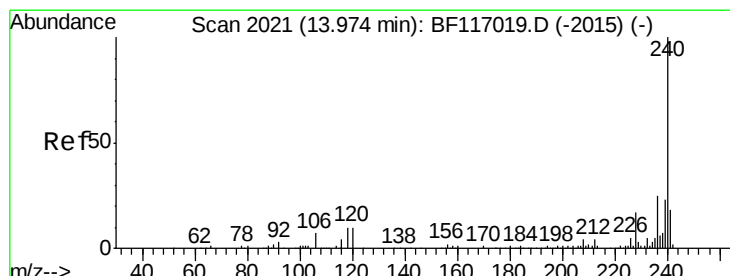
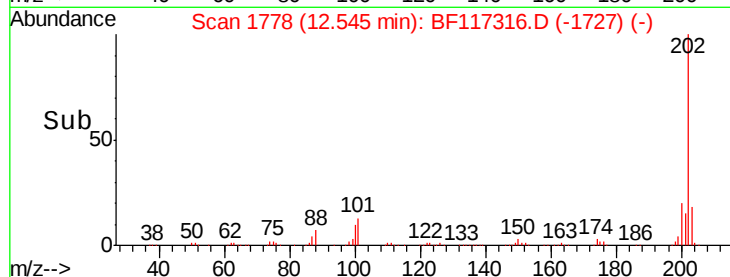
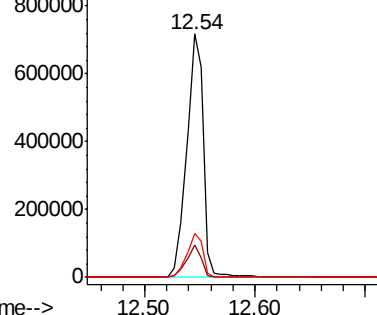


Abundance

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: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

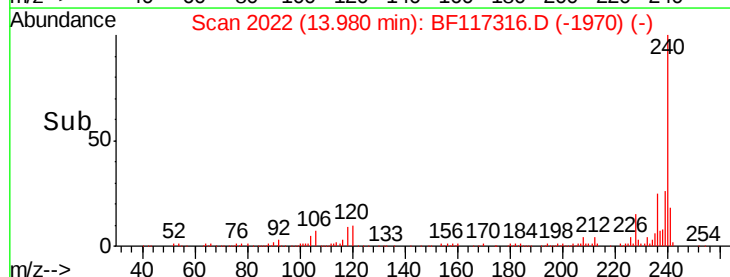
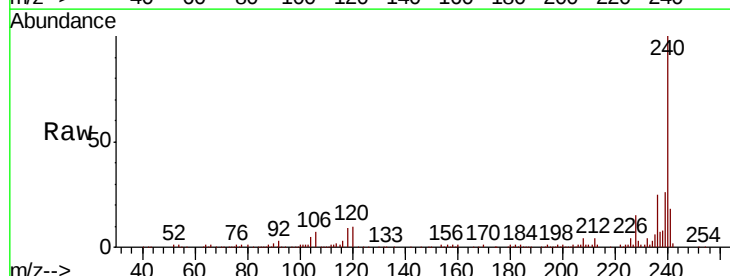
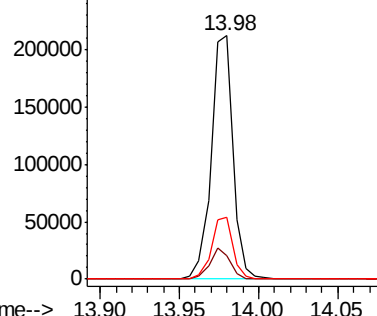
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	8.3	12.5
236	25.2	20.3	30.5

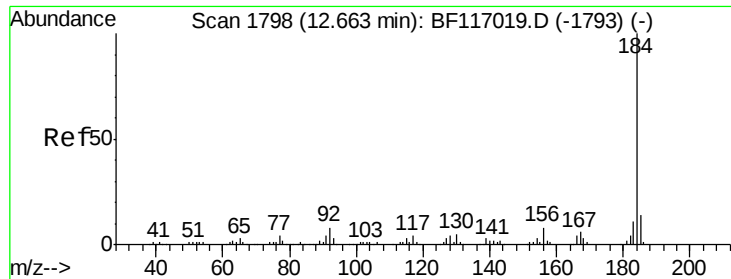
Abundance

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





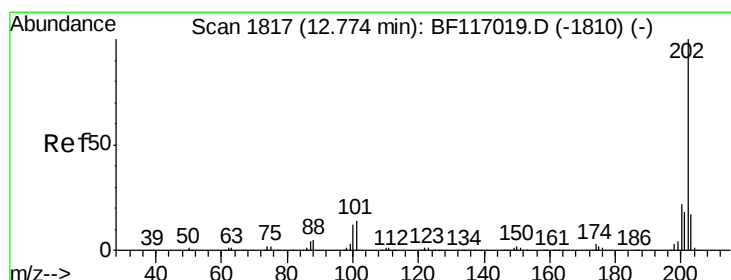
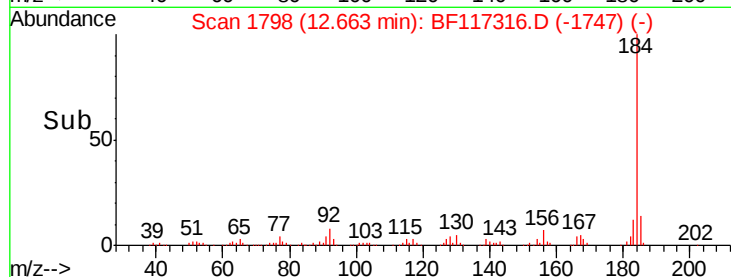
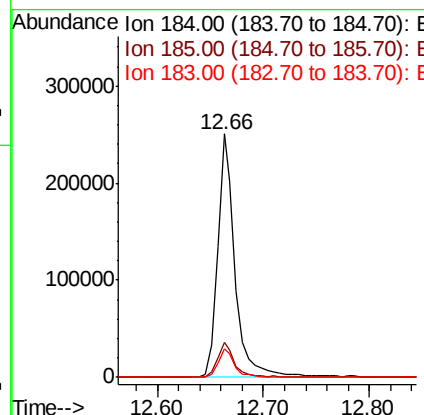
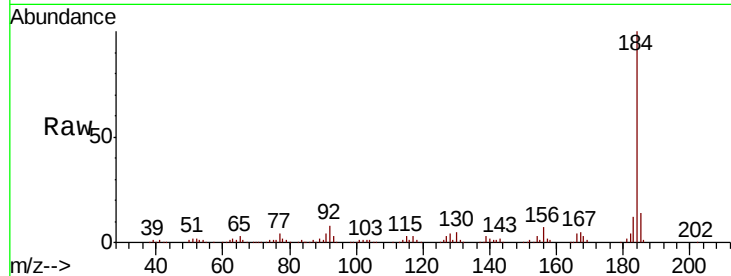
#77
Benzidine
Concen: 44.695 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.7	9.0	13.4

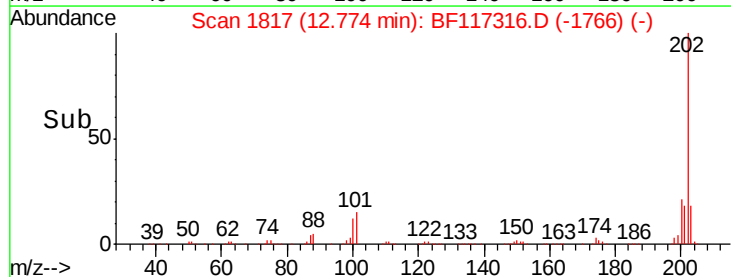
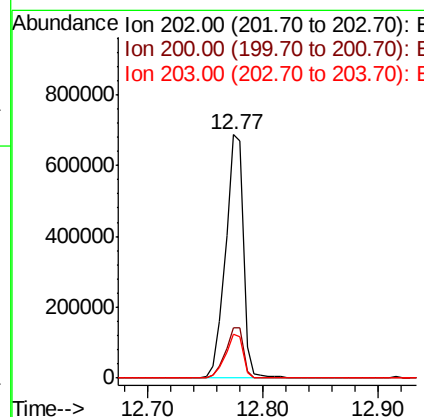
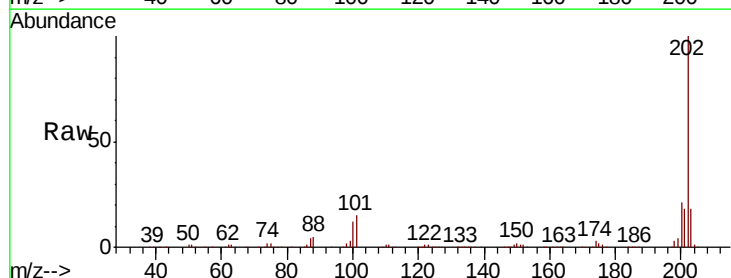
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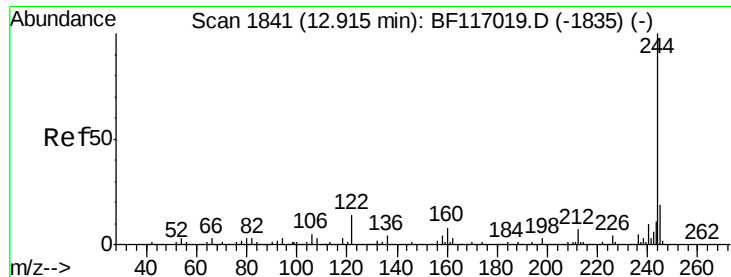
mohammad
10/7/2019 8:25:41 AM



#78
Pyrene
Concen: 43.154 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.9	14.0	21.0





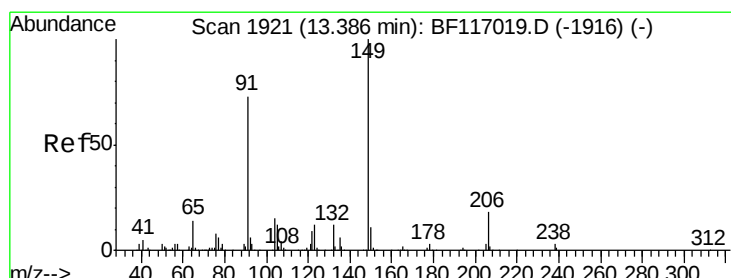
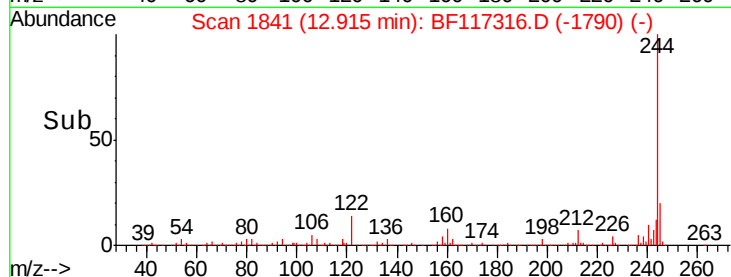
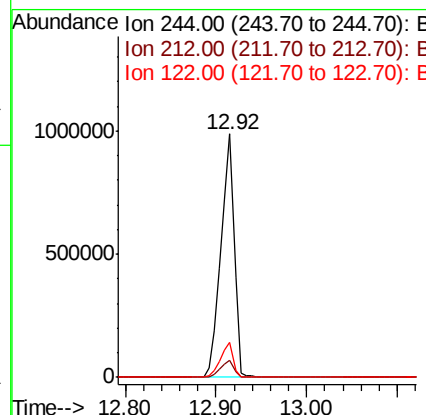
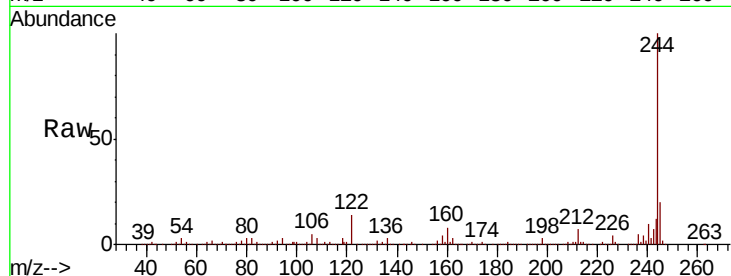
#79
 Terphenyl-d14
 Concen: 92.159 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	11.3	16.9

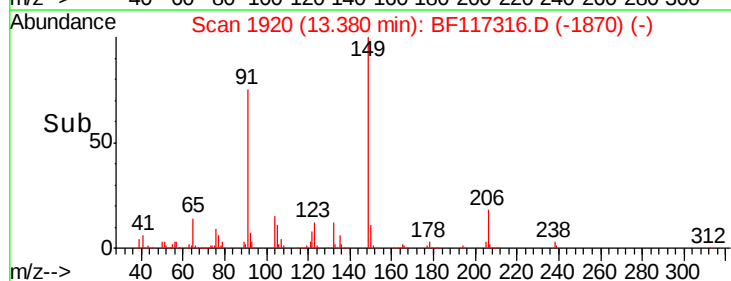
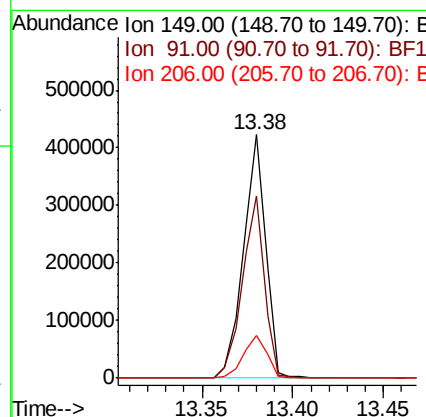
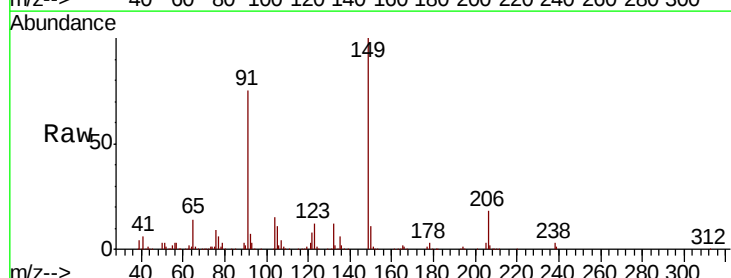
Manual Integrations
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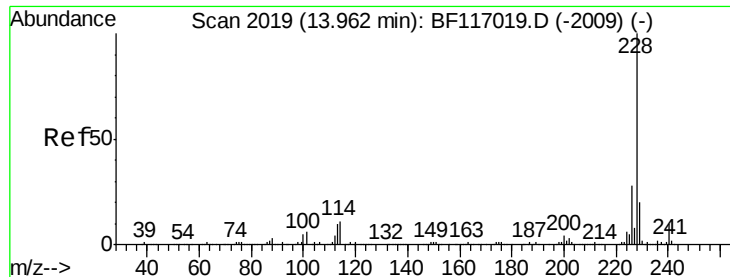
mohammad
 10/7/2019 8:25:41 AM



#80
 Butylbenzylphthalate
 Concen: 44.762 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	58.8	88.2
206	17.7	14.1	21.1





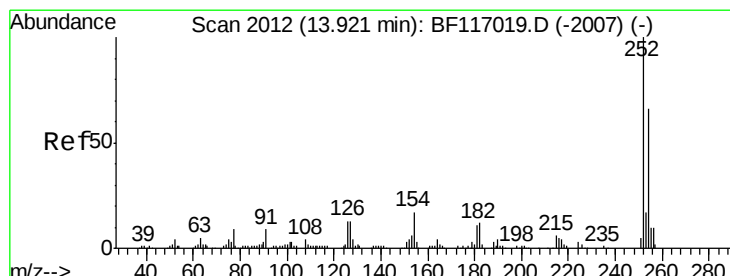
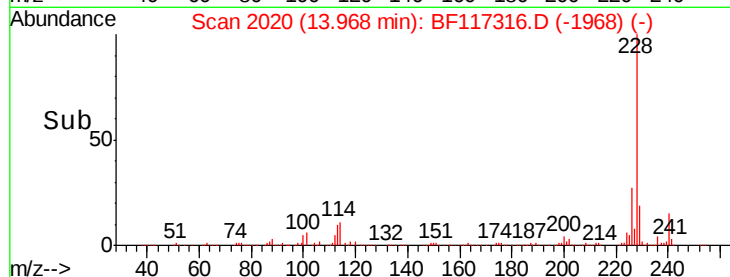
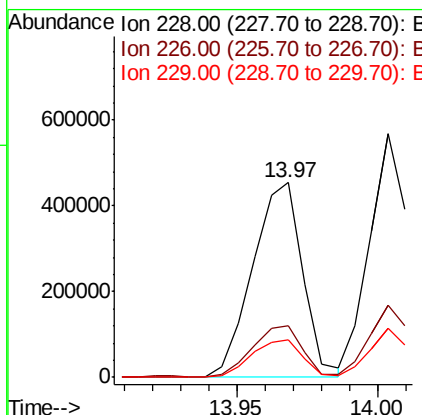
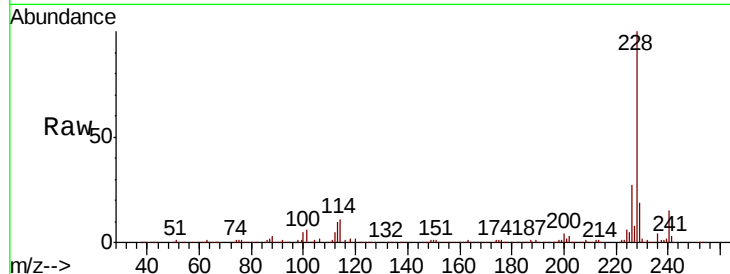
#81
Benzo(a)anthracene
Concen: 41.001 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.3	33.5
229	19.4	15.9	23.9

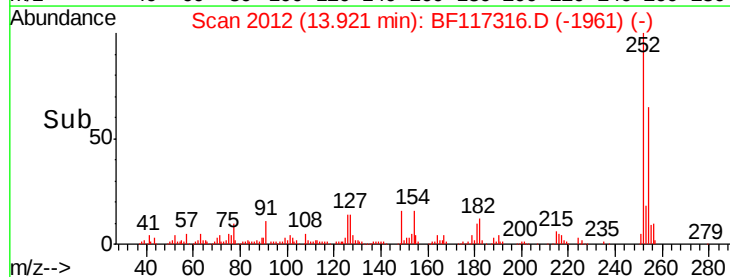
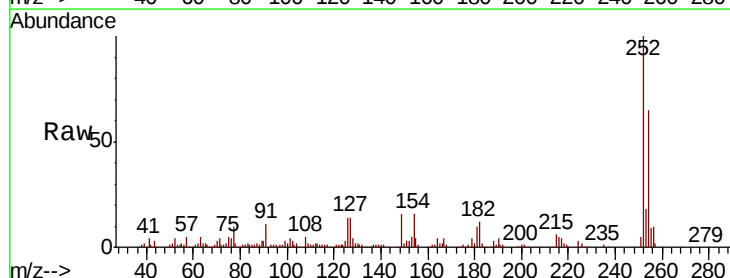
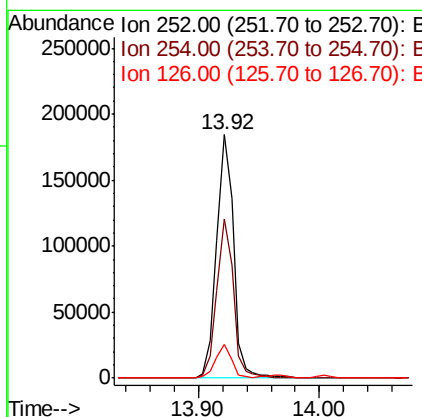
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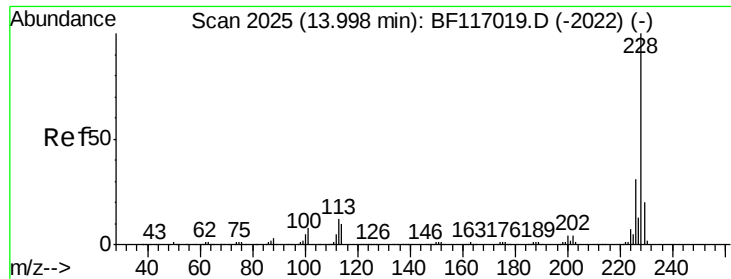
mohammad
10/7/2019 8:25:41 AM



#82
3,3'-Dichlorobenzidine
Concen: 40.786 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	79.0
126	14.0	10.4	15.6





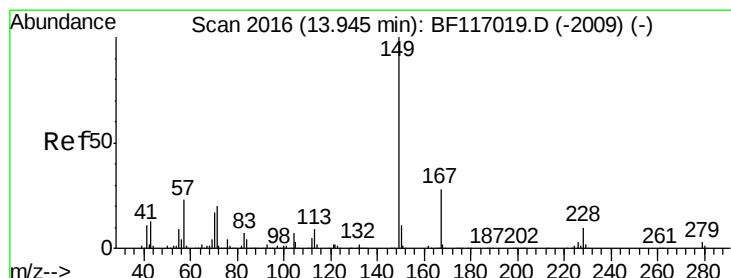
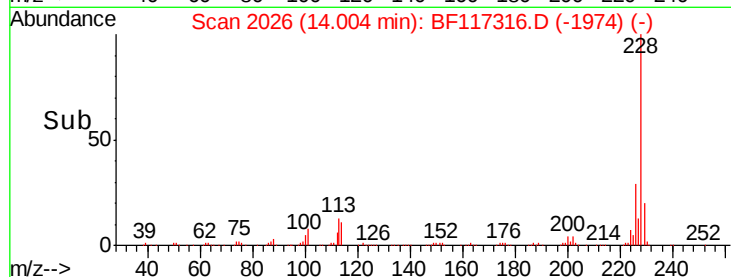
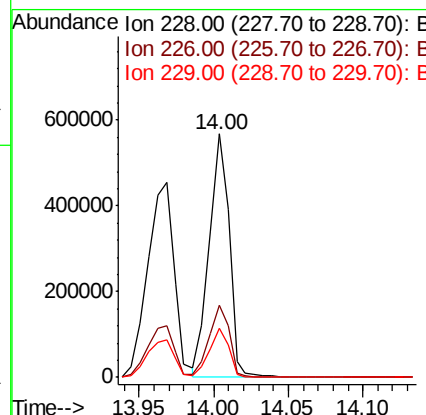
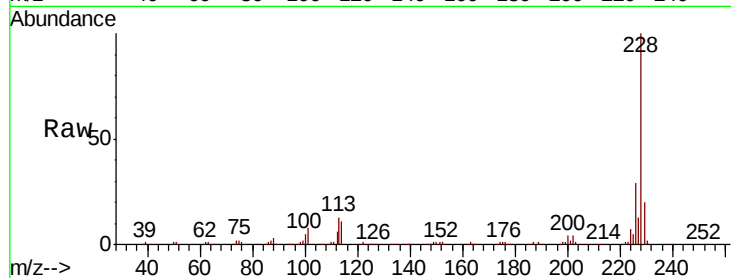
#83
 Chrysene
 Concen: 39.509 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	20.0	15.8	23.8

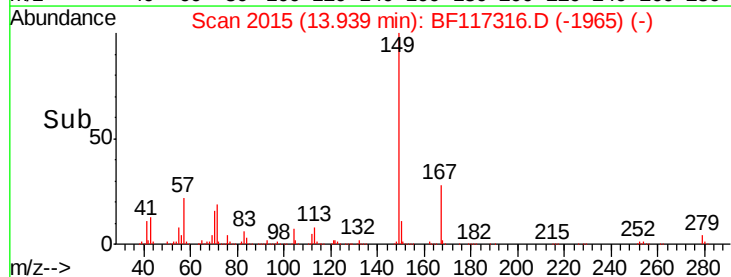
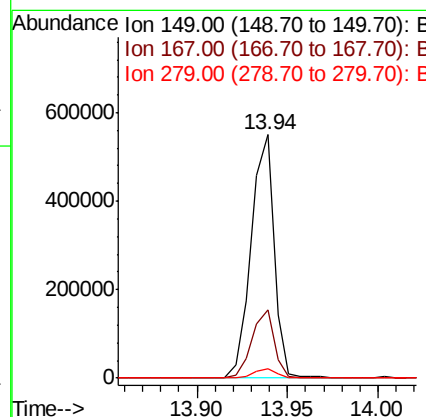
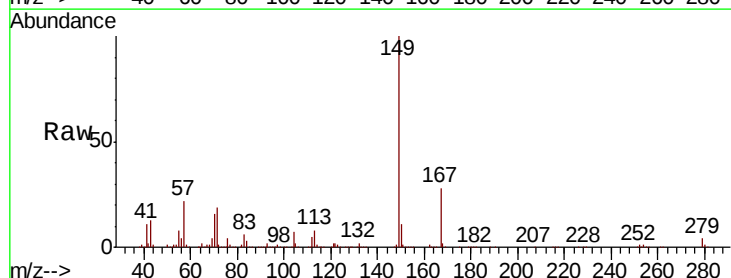
Manual Integrations
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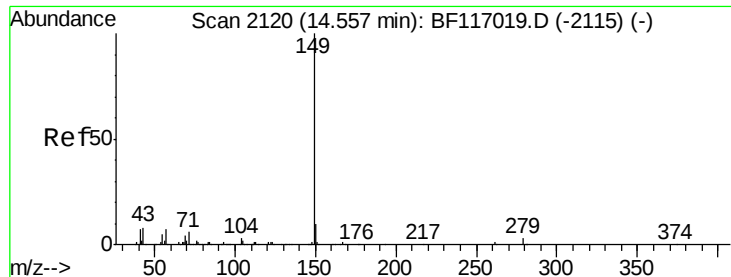
mohammad
 10/7/2019 8:25:41 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.723 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	4.0	2.8	4.2





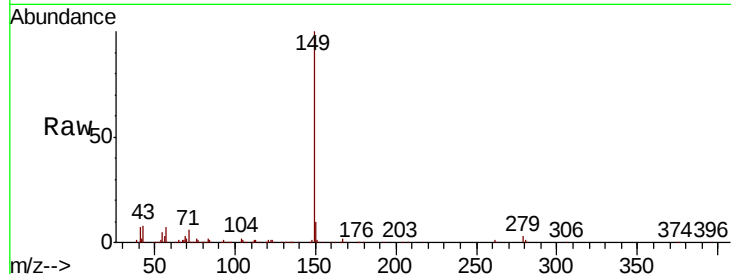
#85
Di-n-octyl phthalate
Concen: 43.618 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	6.2	9.4

Manual Integrations
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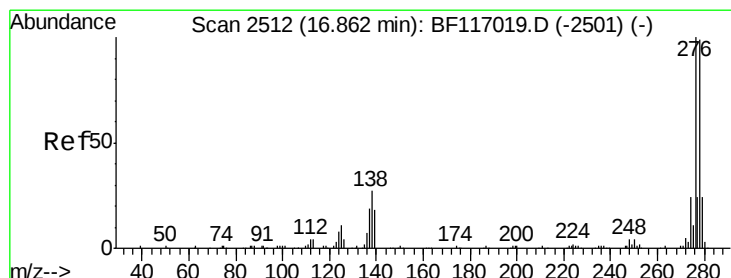
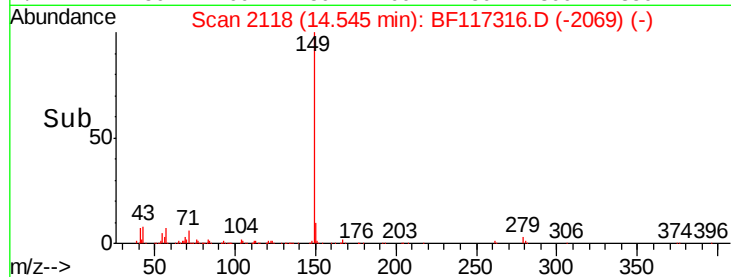
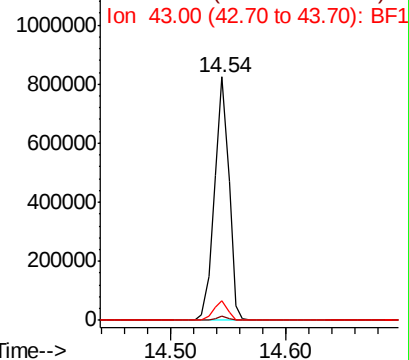


Abundance

Ion 149.00 (148.70 to 149.70): E

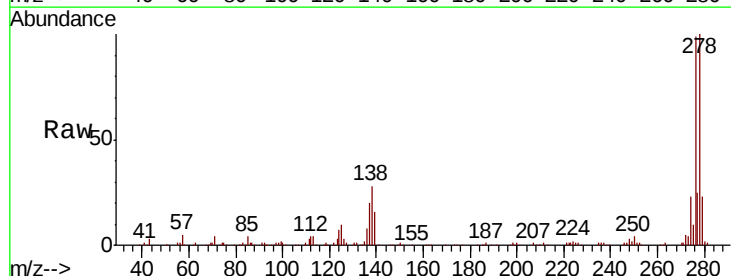
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.017 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.04 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.7	31.1
277	24.9	19.8	29.8

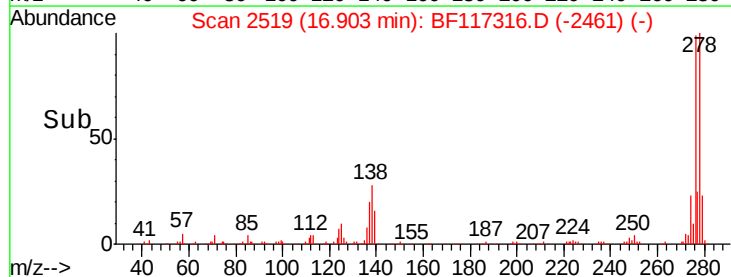
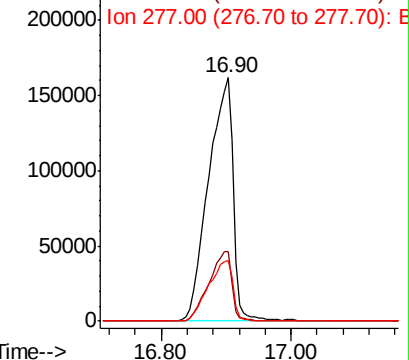


Abundance

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





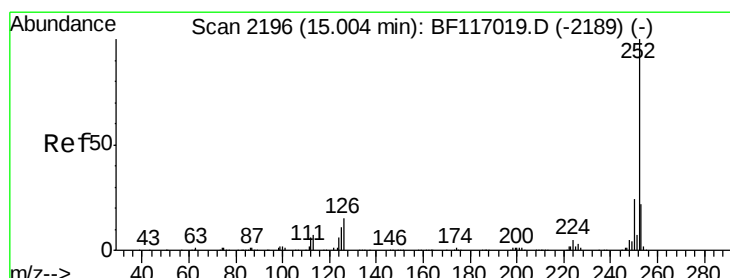
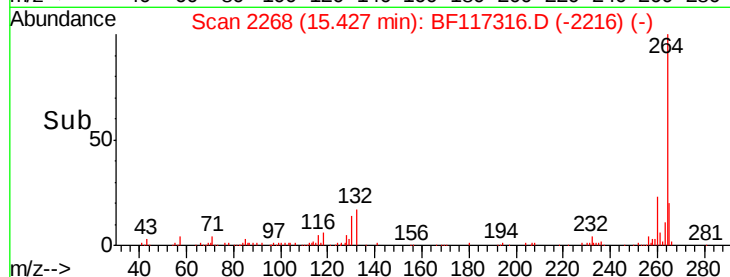
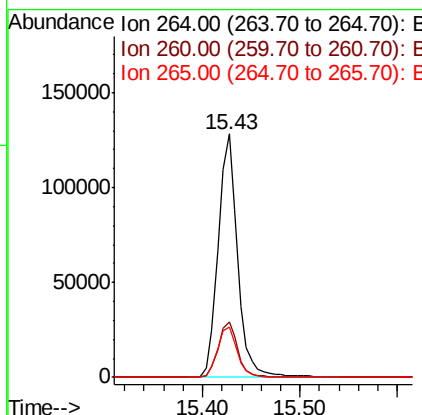
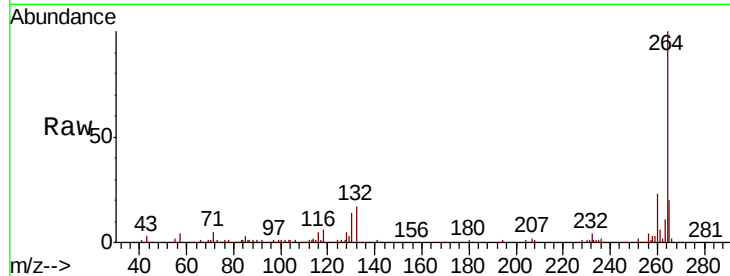
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	17.6	26.4	
265	20.4	16.6	24.8	

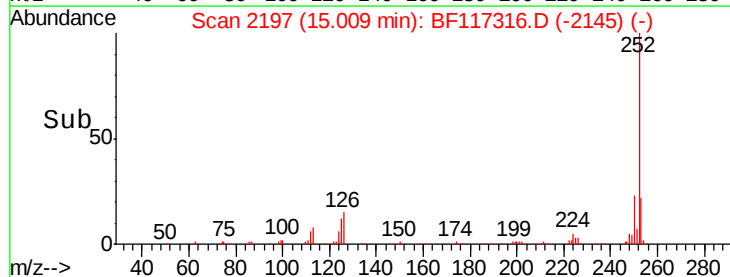
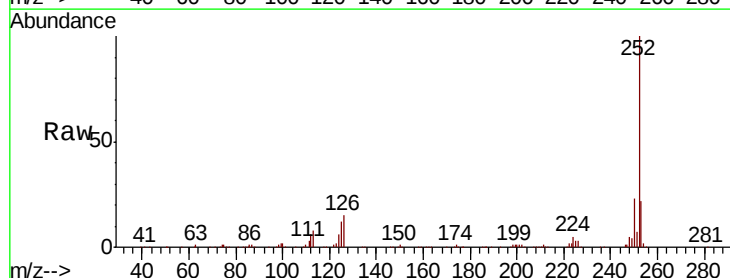
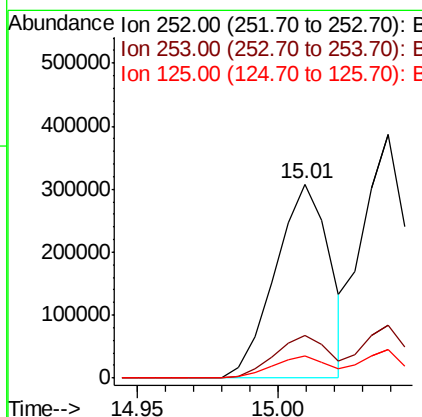
Manual Integrations
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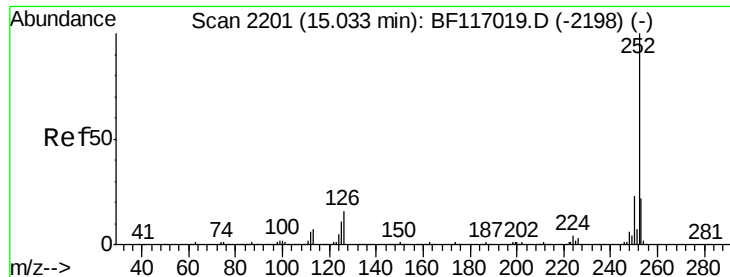
mohammad
 10/7/2019 8:25:41 AM



#88
 Benzo(b)fluoranthene
 Concen: 38.656 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF117316.D
 Acq: 3 Oct 2019 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	17.6	26.4	
125	11.7	8.6	12.8	





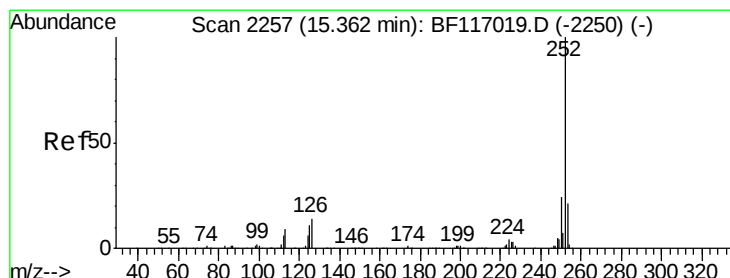
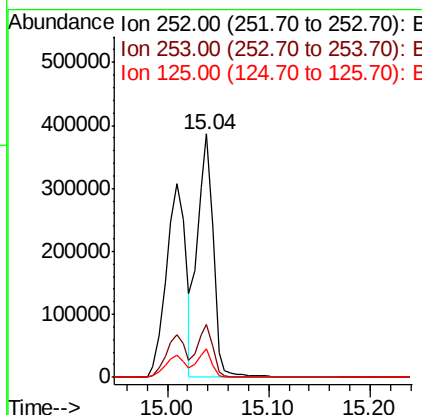
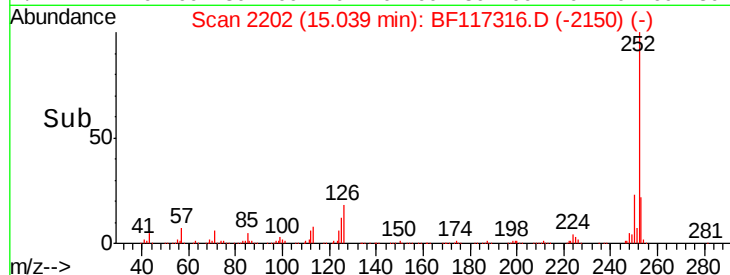
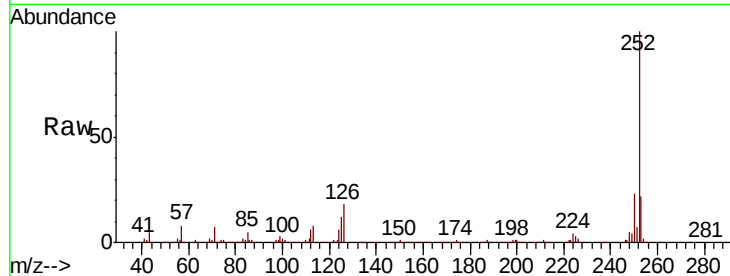
#89
Benzo(k)fluoranthene
Concen: 41.086 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.8	8.8	13.2

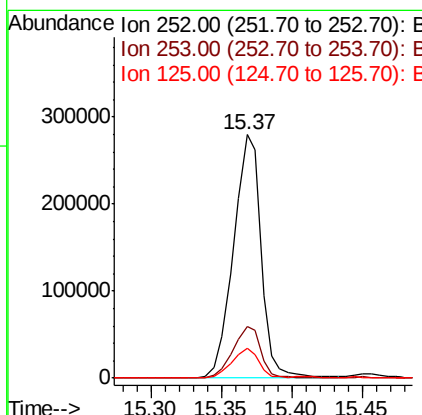
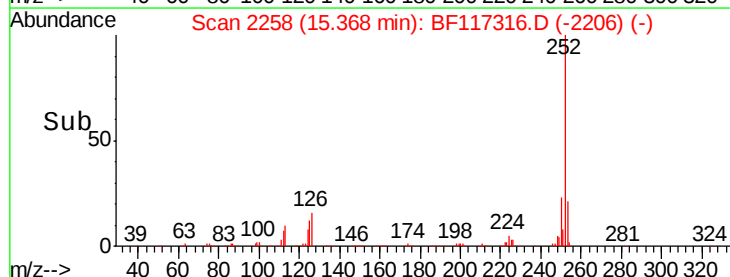
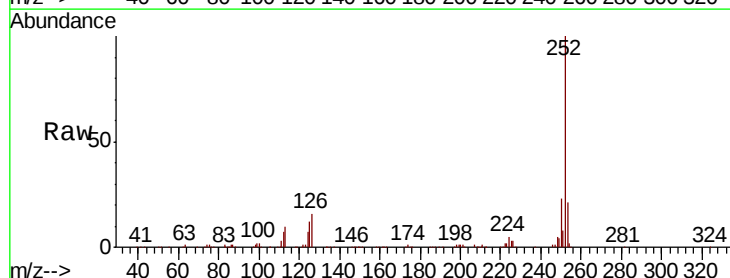
Manual Integrations
APPROVED

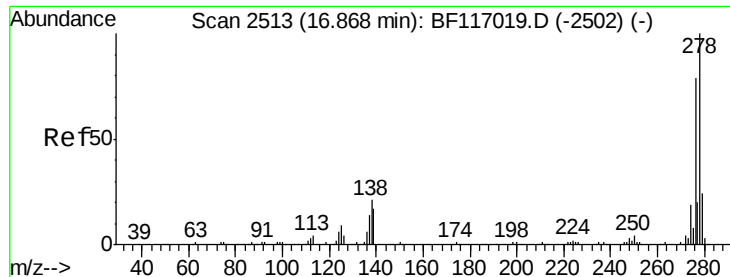
mohammad
10/7/2019 8:25:41 AM



#90
Benzo(a)pyrene
Concen: 40.738 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	25.0
125	12.2	8.9	13.3





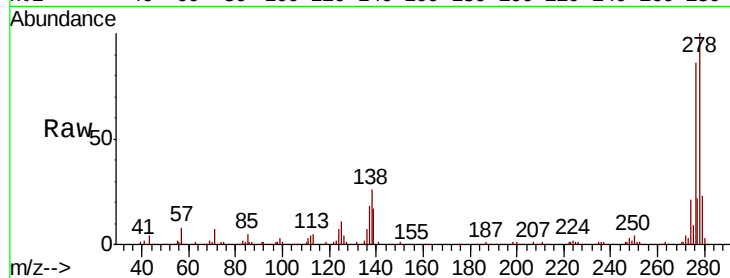
#91
Dibenzo(a,h)anthracene
Concen: 47.303 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

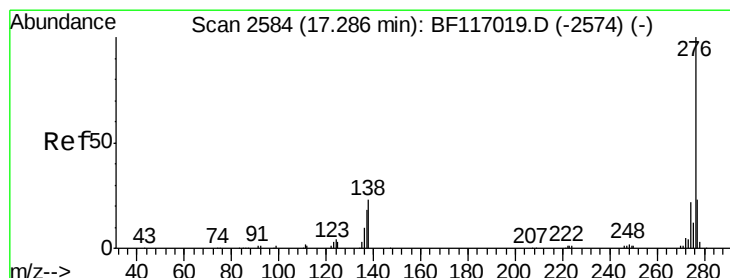
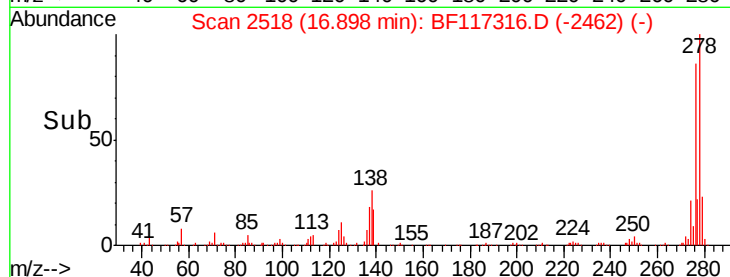
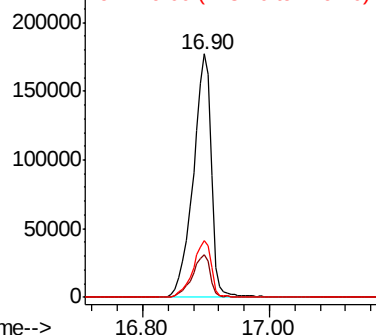
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.5	20.3
279	23.1	18.8	28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.007 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117316.D
Acq: 3 Oct 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	23.5	18.0	27.0

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

