

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115719.D
 Acq On : 23 Jul 2019 15:10
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:34:49 AM

Quant Time: Jul 24 11:01:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148241	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	627758	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	326399	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	629551	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	459708	20.00	ng	-0.01
87) Perylene-d12	15.51	264	441267	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	718348	79.26	ng	-0.01
7) Phenol-d6	6.50	99	910923	79.21	ng	-0.01
23) Nitrobenzene-d5	7.43	82	839920	77.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	286691	75.25	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1484581	79.61	ng	-0.02
79) Terphenyl-d14	12.98	244	1756246	70.49	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.64	88	174490	38.598 ng	98
3) Pyridine	3.40	79	476507	38.851 ng	97
4) n-Nitrosodimethylamine	3.35	42	181414m	40.772 ng	
6) Aniline	6.53	93	631749	39.476 ng	100
8) 2-Chlorophenol	6.66	128	411774	39.519 ng	96
9) Benzaldehyde	6.42	77	283136	39.400 ng	99
10) Phenol	6.52	94	535408	40.107 ng	84
11) bis(2-Chloroethyl)ether	6.60	93	398161	39.175 ng	98
12) 1,3-Dichlorobenzene	6.82	146	459481	39.221 ng	98
13) 1,4-Dichlorobenzene	6.89	146	459217	39.287 ng	97
14) 1,2-Dichlorobenzene	7.05	146	432234	40.452 ng	97
15) Benzyl Alcohol	7.01	79	346159	37.946 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	552891	41.320 ng	98
17) 2-Methylphenol	7.13	107	358163	39.887 ng	98
18) Hexachloroethane	7.39	117	171654	39.565 ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	289896	38.653 ng	98
20) 3+4-Methylphenols	7.27	107	417095	39.105 ng	96
22) Acetophenone	7.28	105	547666	38.617 ng	# 98
24) Nitrobenzene	7.45	77	460692	39.563 ng	95
25) Isophorone	7.69	82	826116	38.240 ng	99
26) 2-Nitrophenol	7.77	139	230970	38.536 ng	96
27) 2,4-Dimethylphenol	7.80	122	322951	36.012 ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	518465	39.120 ng	100
29) 2,4-Dichlorophenol	8.02	162	363543	38.979 ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	400236	37.964 ng	98
31) Naphthalene	8.18	128	1202760	39.561 ng	97
32) Benzoic acid	7.93	122	269167m	36.573 ng	
33) 4-Chloroaniline	8.22	127	520523	38.653 ng	99
34) Hexachlorobutadiene	8.30	225	236242	39.076 ng	99
35) Caprolactam	8.59	113	115229	39.982 ng	92
36) 4-Chloro-3-methylphenol	8.70	107	377873	39.058 ng	99
37) 2-Methylnaphthalene	8.87	142	801944	39.793 ng	98
38) 1-Methylnaphthalene	8.97	142	761157	39.764 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	365002	37.135 ng	98

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 Sample : SSTDC040
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Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
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 7/24/2019 11:34:49 AM

Quant Time: Jul 24 11:01:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	250824	44.735	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	252443	35.121	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	270685	36.772	nq	97
46) 1,1'-Biphenyl	9.33	154	975274	38.220	nq	98
47) 2-Chloronaphthalene	9.36	162	800254	37.664	nq	97
48) 2-Nitroaniline	9.45	65	254951	38.768	nq	100
49) Acenaphthylene	9.77	152	1216949	38.654	nq	97
50) Dimethylphthalate	9.63	163	941295	38.331	nq	98
51) 2,6-Dinitrotoluene	9.69	165	209023	37.454	nq	98
52) Acenaphthene	9.95	154	791550	38.943	nq	100
53) 3-Nitroaniline	9.86	138	243788	38.226	nq	97
54) 2,4-Dinitrophenol	9.97	184	102240	35.682	nq	94
55) Dibenzofuran	10.12	168	1089791	37.754	nq	99
56) 4-Nitrophenol	10.02	139	176293	36.251	nq	99
57) 2,4-Dinitrotoluene	10.10	165	285700	39.515	nq	97
58) Fluorene	10.46	166	819571	39.717	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	233602	37.962	nq	97
60) Diethylphthalate	10.33	149	922648	40.099	nq	98
61) 4-Chlorophenyl-phenylether	10.45	204	425730	37.203	nq	99
62) 4-Nitroaniline	10.47	138	244310	39.937	nq	95
63) Azobenzene	10.61	77	914932	40.995	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	139264	36.207	nq	99
66) n-Nitrosodiphenylamine	10.57	169	749759	38.286	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	271494	37.738	nq	100
68) Hexachlorobenzene	11.02	284	306965	37.363	nq	96
69) Atrazine	11.09	200	220070	34.256	nq	100
70) Pentachlorophenol	11.20	266	170586	33.947	nq	97
71) Phenanthrene	11.42	178	1266559	39.249	nq	98
72) Anthracene	11.47	178	1290151	38.685	nq	100
73) Carbazole	11.63	167	1166454	39.885	nq	99
74) Di-n-butylphthalate	11.96	149	1454045	40.364	nq	100
75) Fluoranthene	12.61	202	1345225	39.448	nq	98
77) Benzidine	12.73	184	710111	43.605	nq	99
78) Pyrene	12.84	202	1363700	35.013	nq	98
80) Butylbenzylphthalate	13.45	149	614590	37.016	nq	98
81) Benzo(a)anthracene	14.03	228	1178952	38.928	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	426182	39.584	nq	99
83) Chrysene	14.07	228	1144126	37.632	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	847693	41.218	nq	# 98
85) Di-n-octyl phthalate	14.63	149	1323214	40.437	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	951278	36.829	nq	100
88) Benzo(b)fluoranthene	15.08	252	1064345	37.458	nq	100
89) Benzo(k)fluoranthene	15.12	252	943717	37.253	nq	98
90) Benzo(a)pyrene	15.45	252	916961	37.547	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	799199	37.277	nq	99
92) Benzo(g,h,i)perylene	17.44	276	763510	35.708	nq	100

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



#1

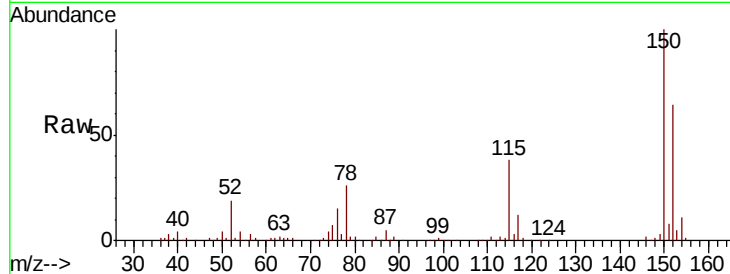
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.7	194.5
115	60.0	48.2	72.4

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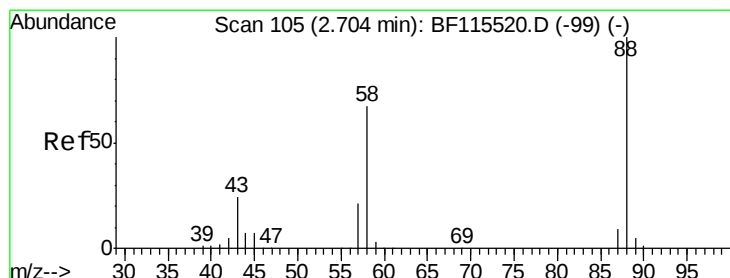
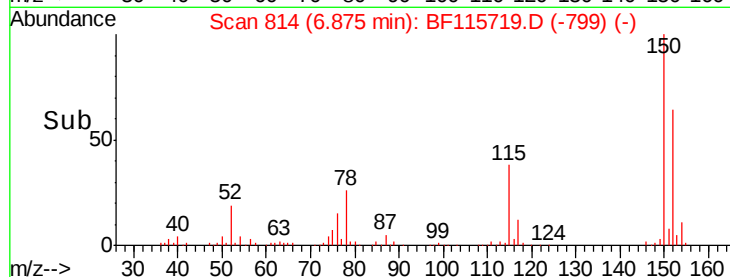
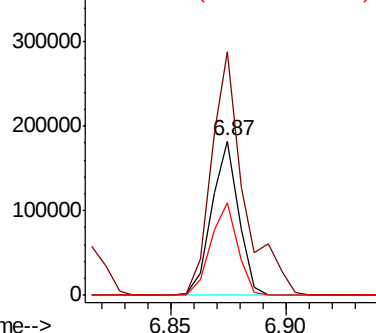


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

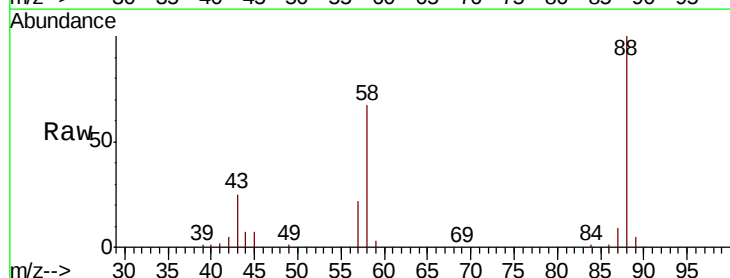
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.598 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.06 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	52.6	79.0
43	25.5	19.1	28.7

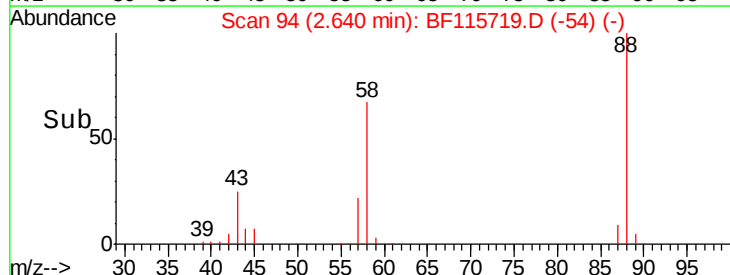
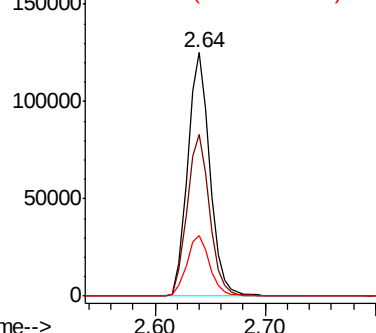


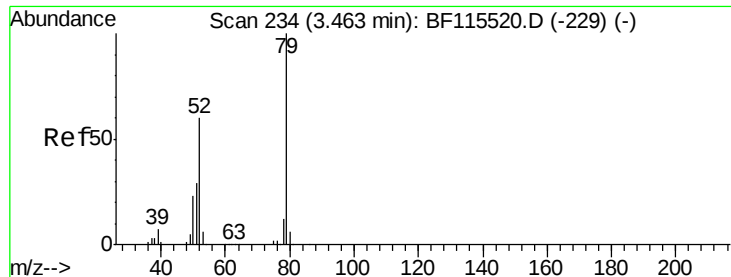
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





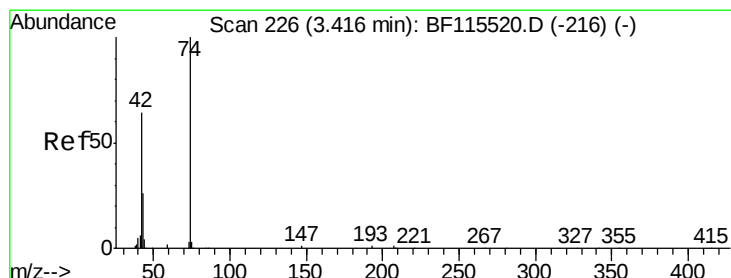
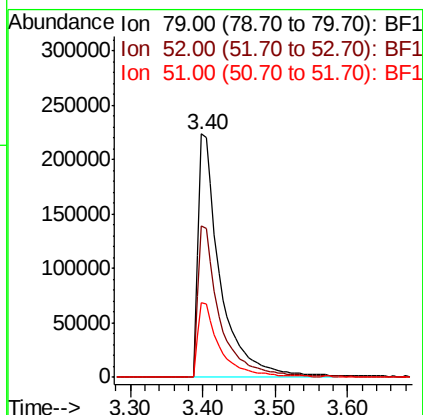
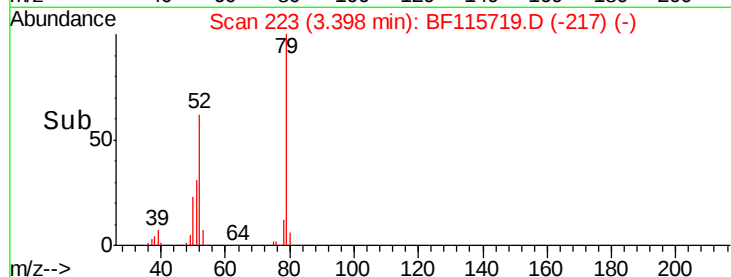
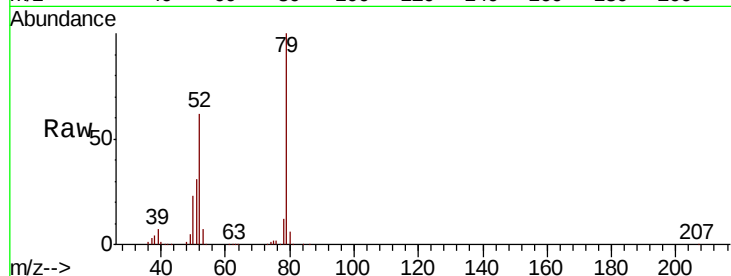
#3
 Pvrindine
 Concen: 38.851 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.06 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	47.8	71.6
51	30.9	23.8	35.8

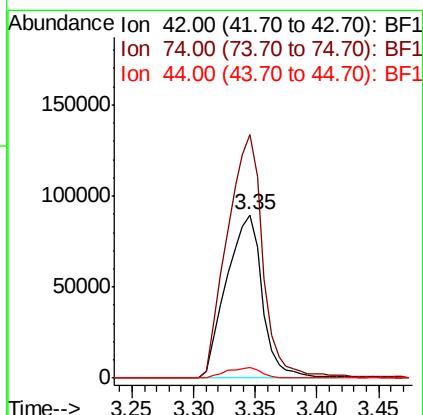
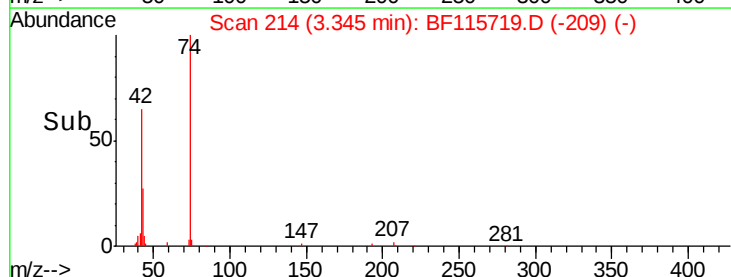
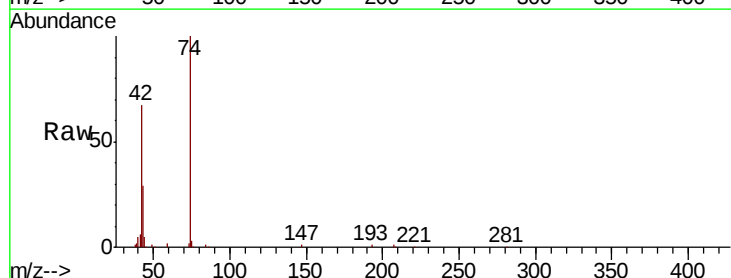
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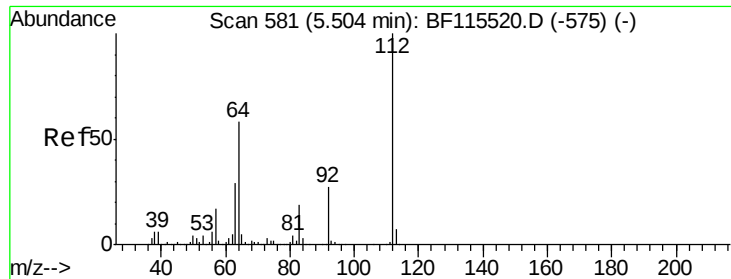
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#4
 n-Nitrosodimethylamine
 Concen: 40.772 ng m
 RT: 3.35 min Scan# 214
 Delta R.T. -0.07 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.1	127.5	191.3
44	6.7	5.0	7.6





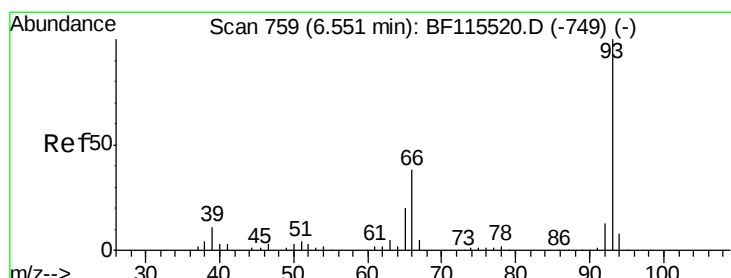
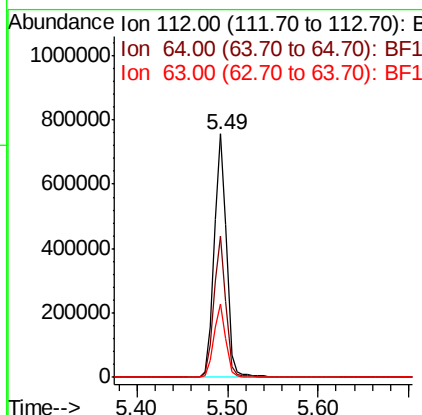
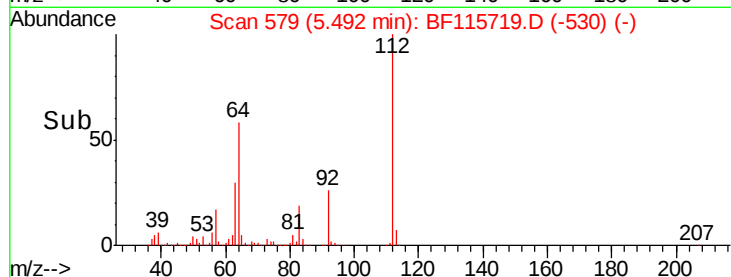
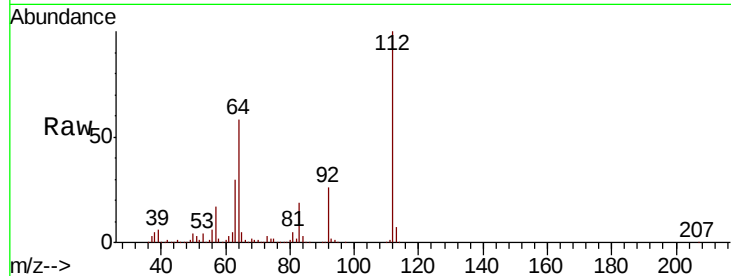
#5
2-Fluorophenol
Concen: 79.263 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	718348		
64	58.1		46.8	70.2
63	30.0		24.1	36.1

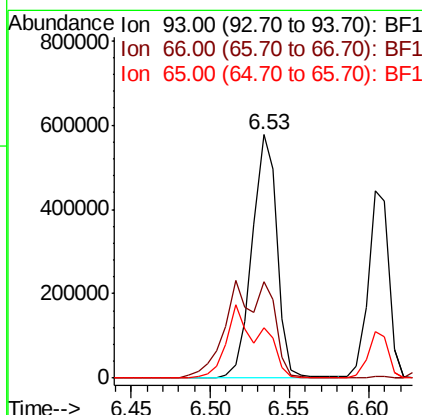
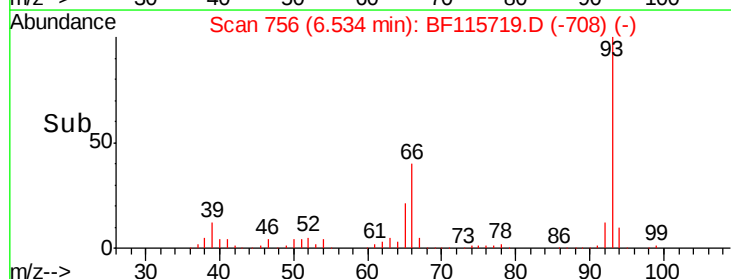
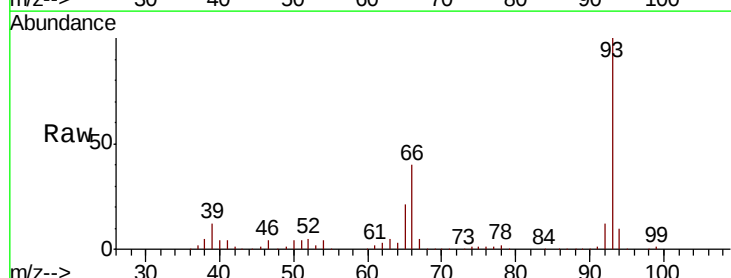
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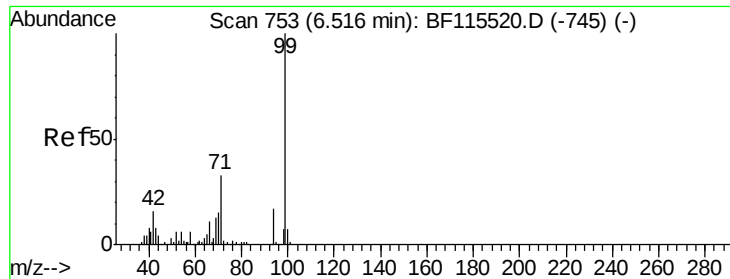
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#6
Aniline
Concen: 39.476 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	631749		
66	39.6		31.7	47.5
65	20.6		16.2	24.2





#7

Phenol-d6

Concen: 79.213 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

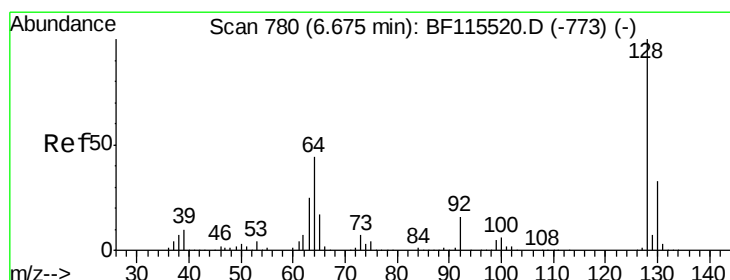
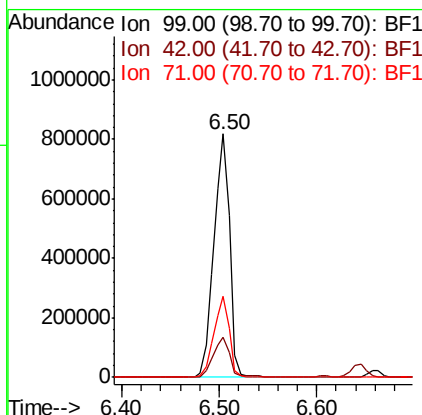
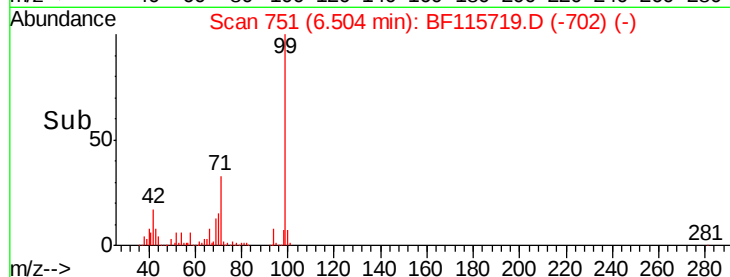
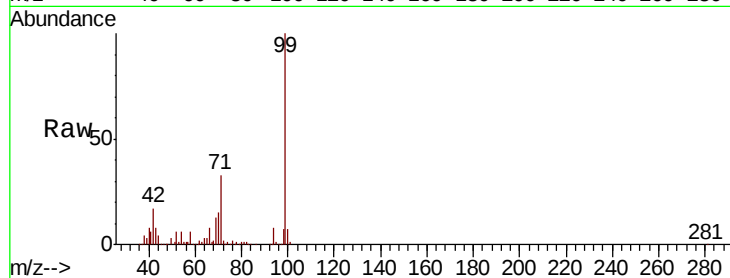
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	910923
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	33.3	28.5	42.7

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#8

2-Chlorophenol

Concen: 39.519 ng

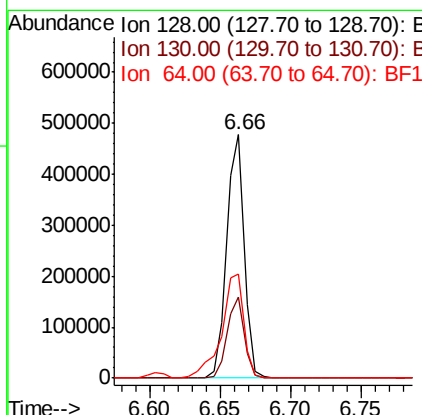
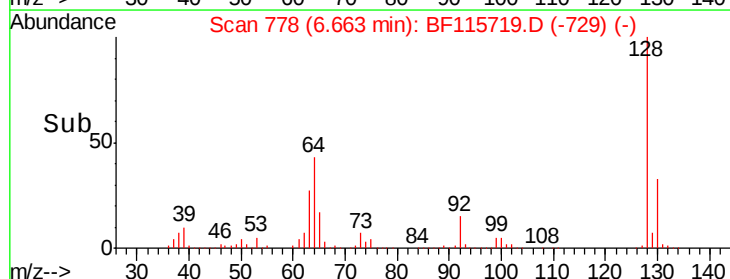
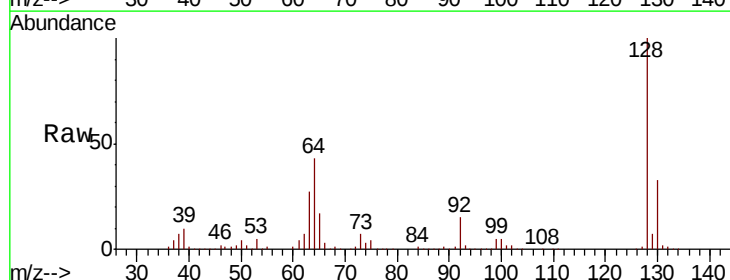
RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	128	Resp:	411774
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.8	52.8
64	43.0	26.8	66.8





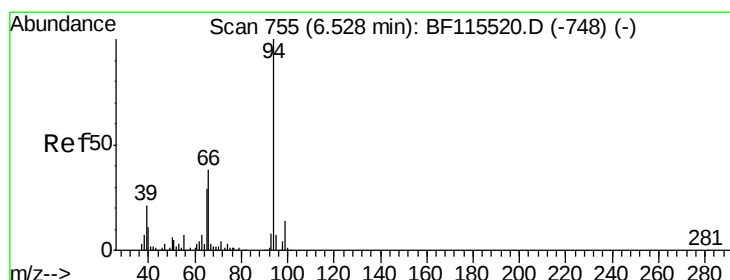
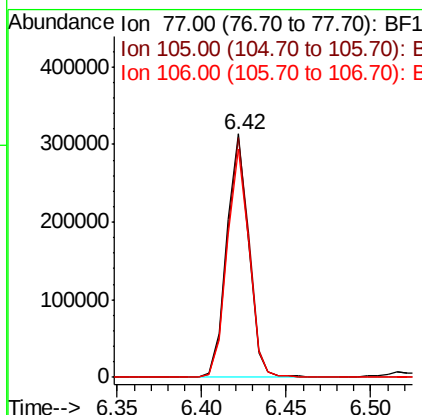
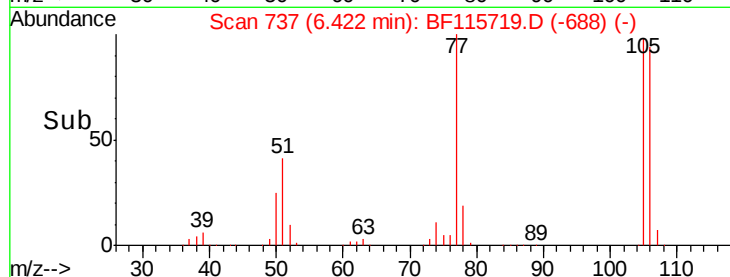
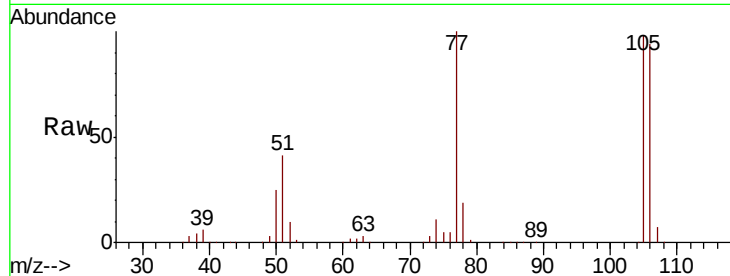
#9
Benzaldehyde
Concen: 39.400 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.5	78.8	118.8		
106	94.0	75.6	115.6		

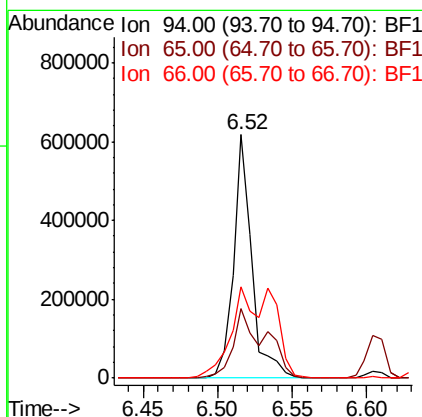
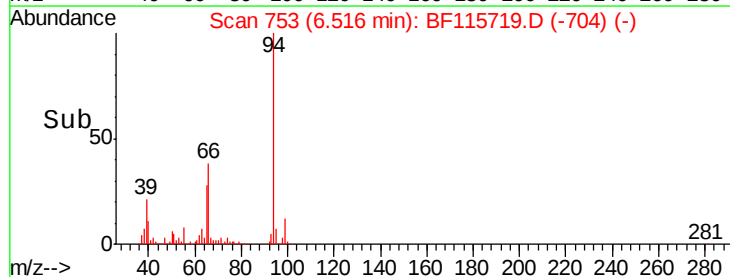
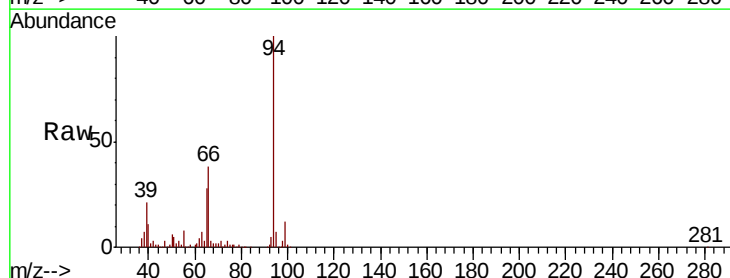
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#10
Phenol
Concen: 40.107 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.3	14.5	54.5		
66	37.5	31.3	71.3		





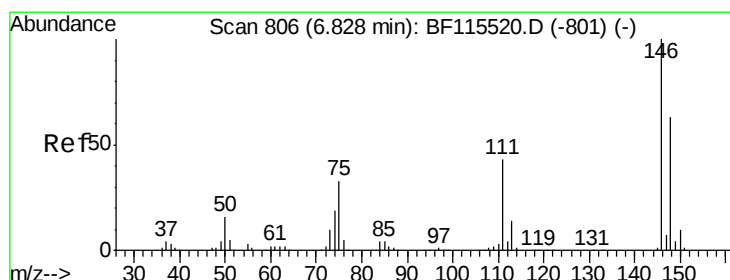
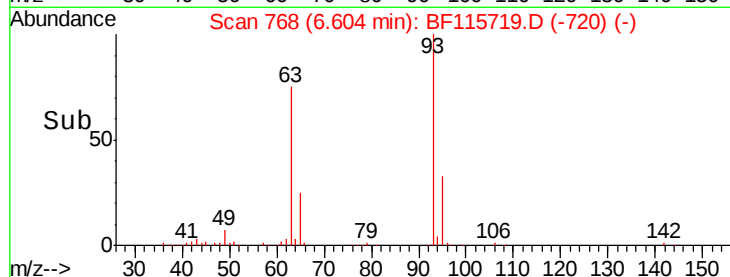
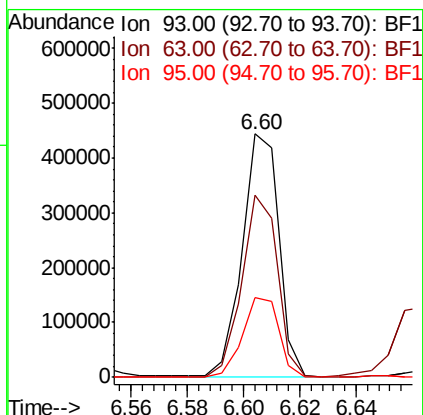
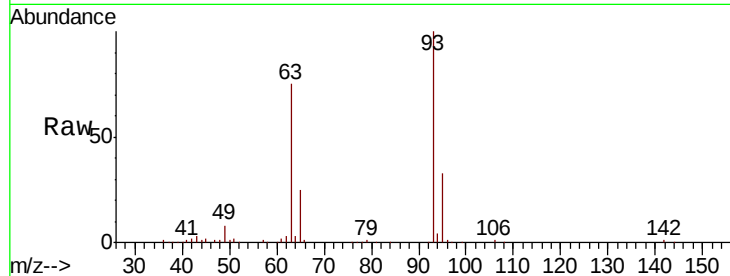
#11
bis(2-Chloroethyl)ether
Concen: 39.175 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	398161
Ion Ratio	Lower	Upper	
93	100		
63	75.0	52.2	92.2
95	32.7	12.9	52.9

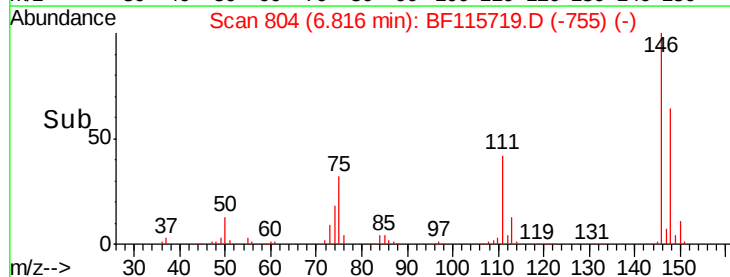
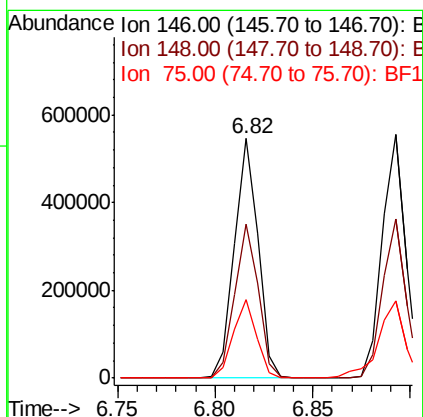
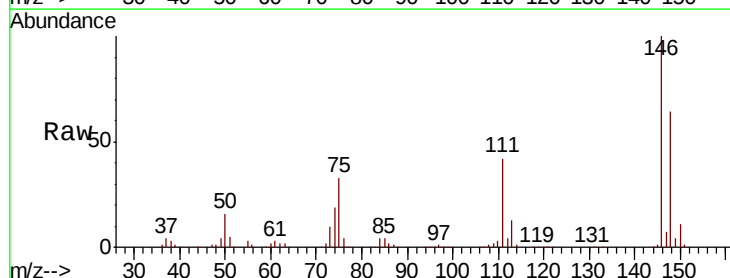
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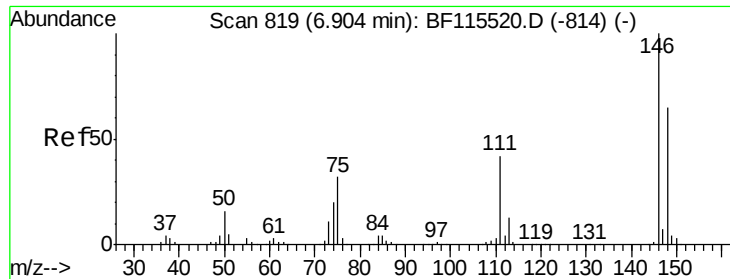
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.221 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion:	146	Resp:	459481
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.1	78.1
75	32.6	24.9	37.3





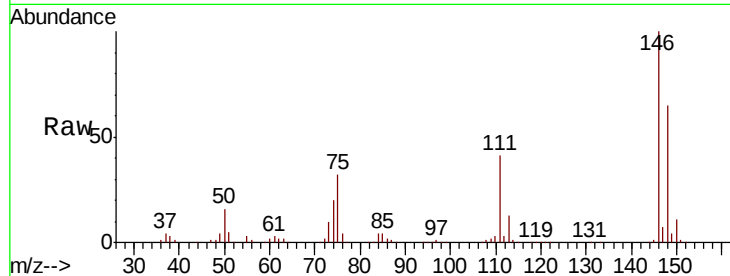
#13
 1,4-Dichlorobenzene
 Concen: 39.287 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
111	40.6	35.5	53.3

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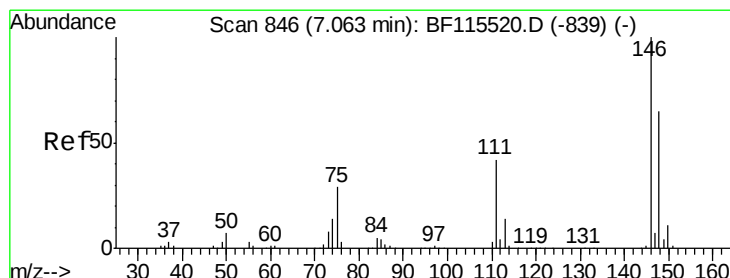
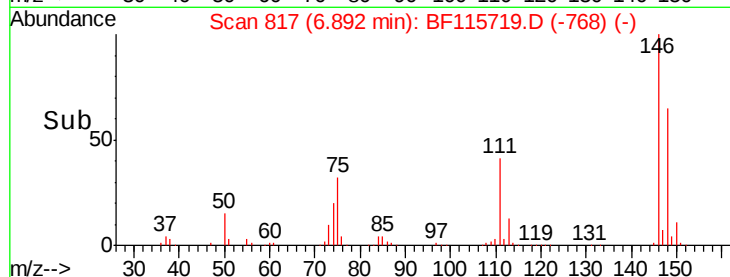
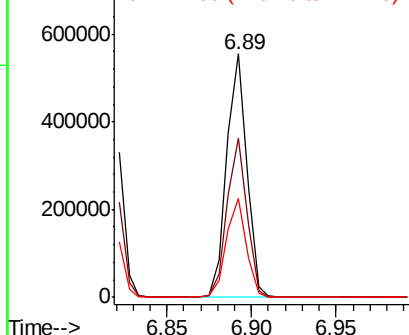


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.452 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

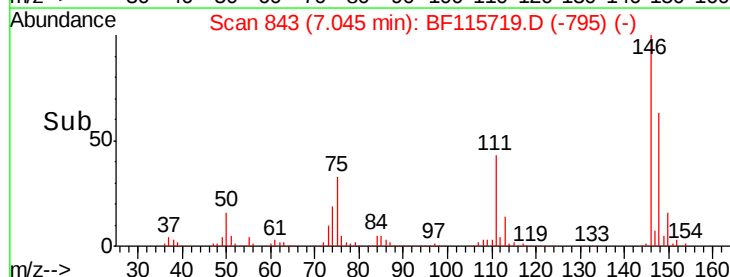
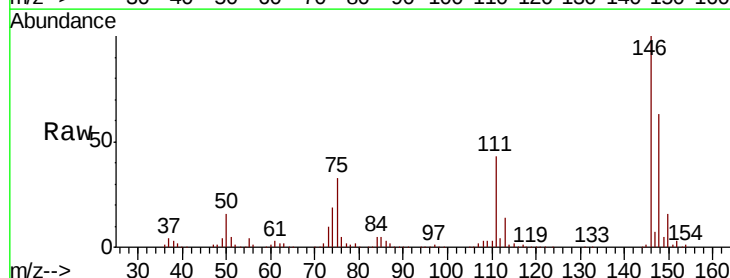
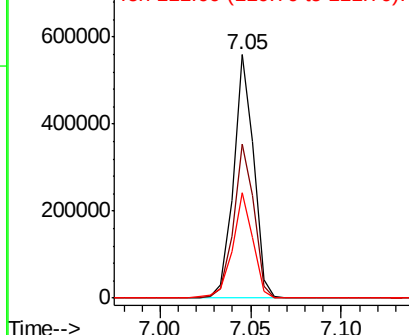
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	43.3	37.6	56.4

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.946 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

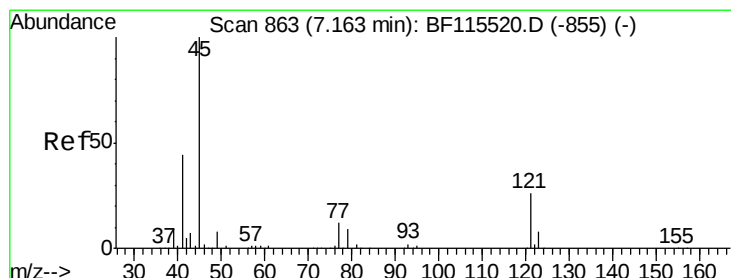
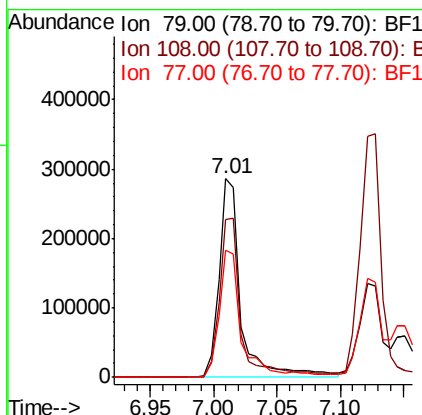
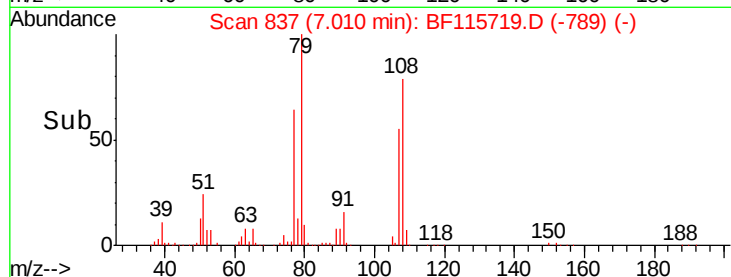
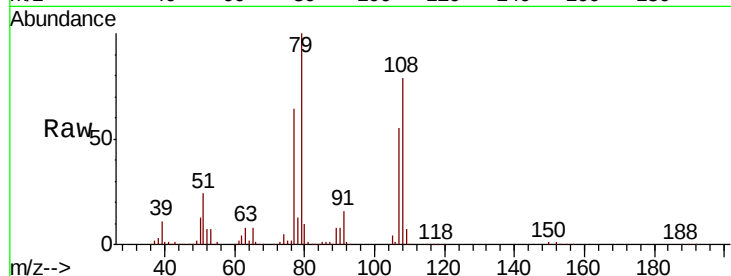
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	346159
Ion	Ratio	Lower	Upper
79	100		
108	79.4	64.2	96.4
77	64.2	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.320 ng

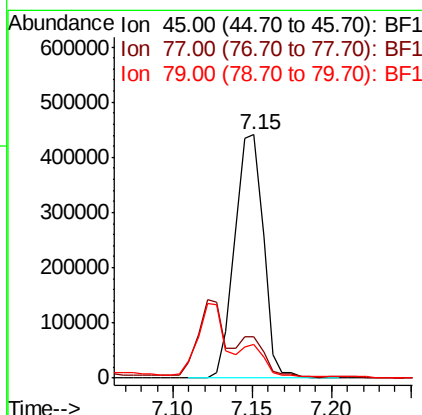
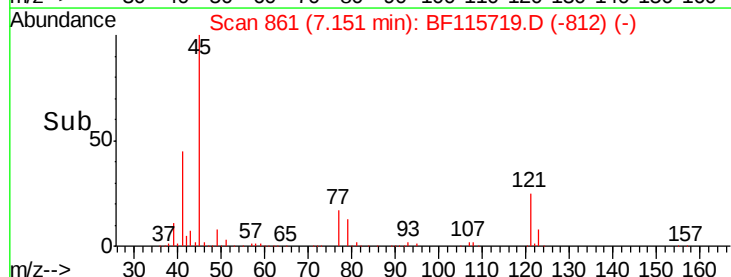
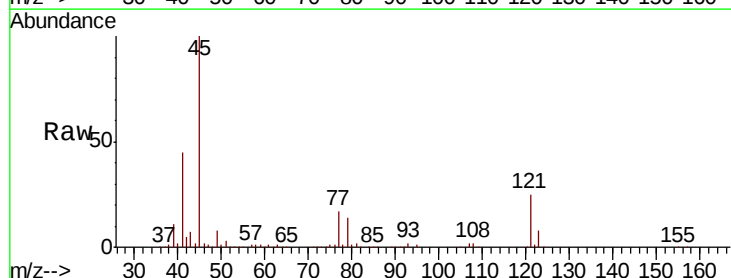
RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	45	Resp:	552891
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	38.1
79	13.7	0.0	34.1





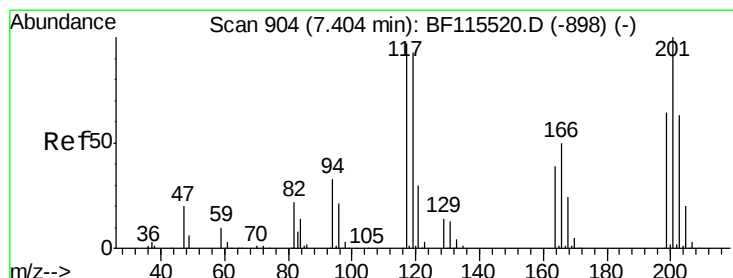
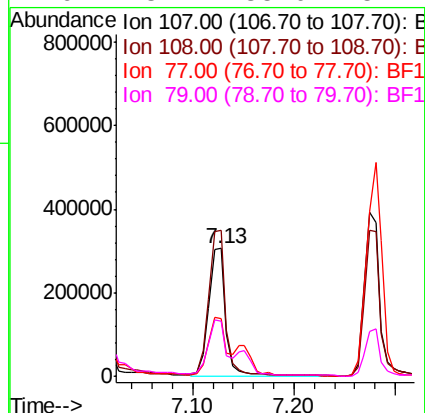
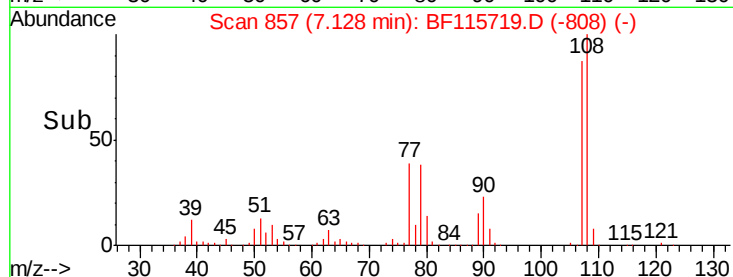
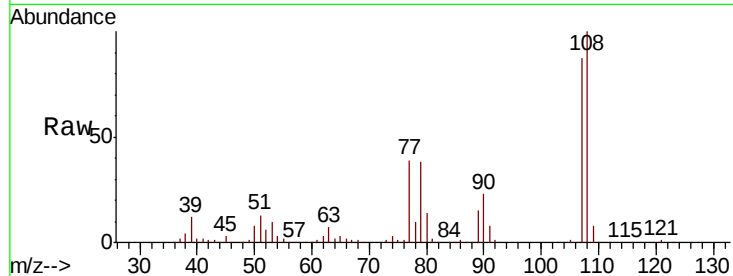
#17
2-Methylphenol
Concen: 39.887 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	89.4	134.2	
77	44.8	35.7	53.5	
79	43.1	35.0	52.4	

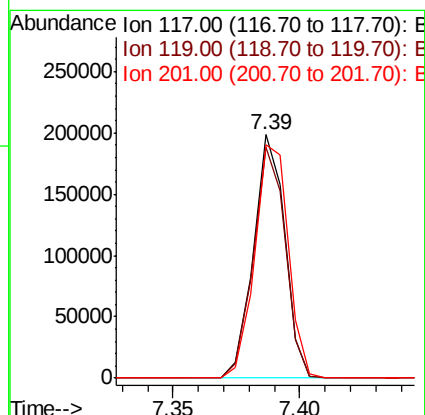
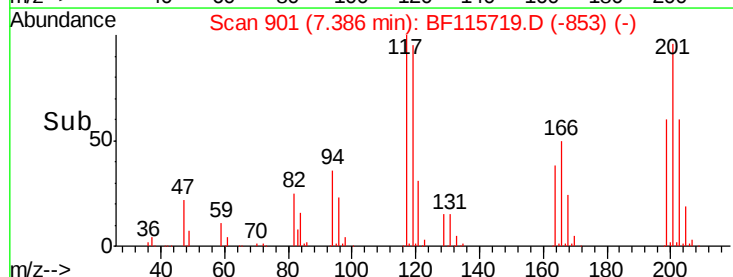
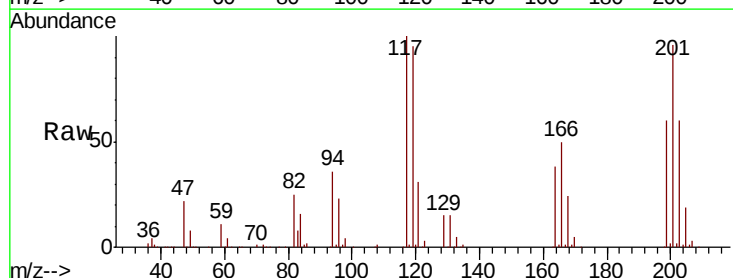
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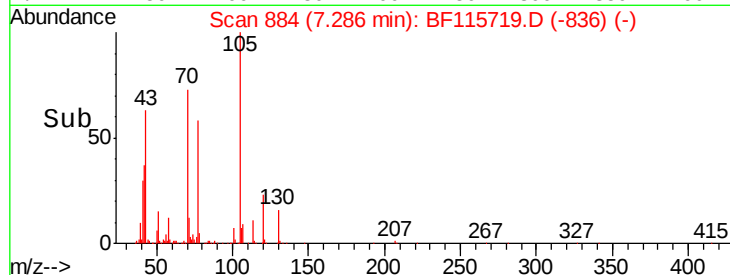
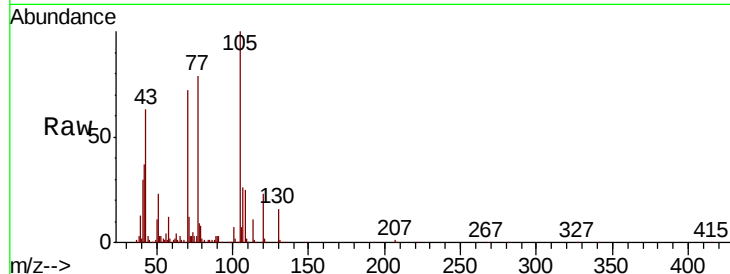
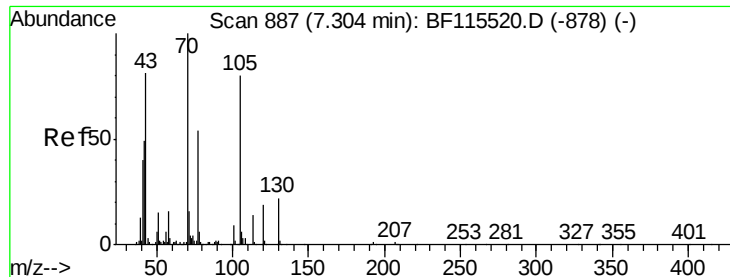
mohammad
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#18
Hexachloroethane
Concen: 39.565 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.7	116.5	
201	95.6	86.0	129.0	





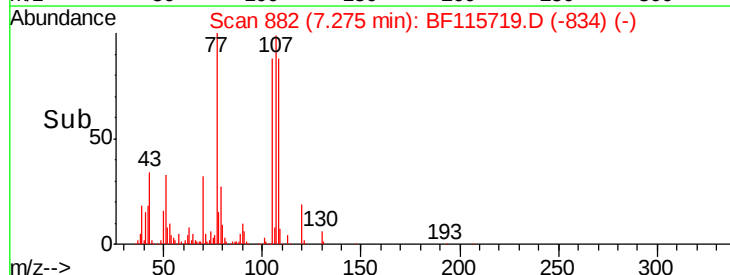
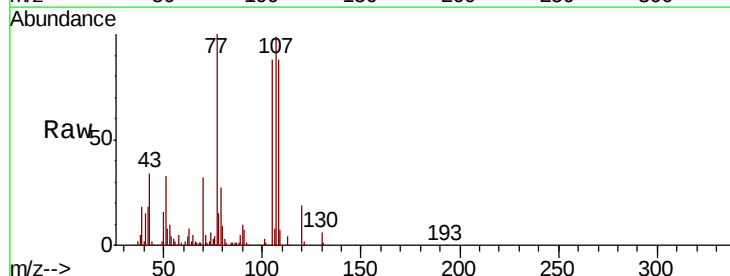
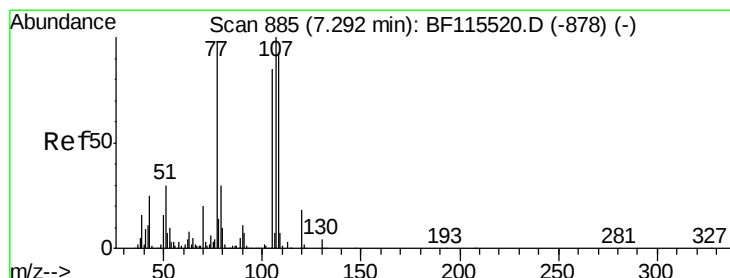
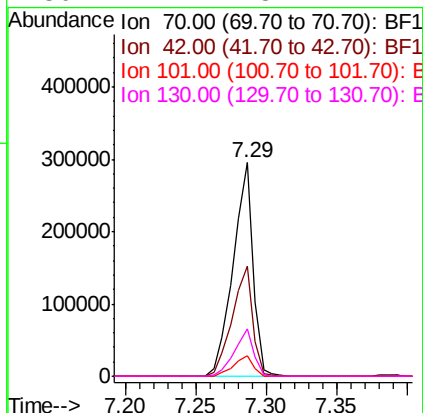
#19
n-Nitroso-di-n-propylamine
Concen: 38.653 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.5	39.6	59.4	
101	9.9	8.1	12.1	
130	22.4	18.2	27.2	

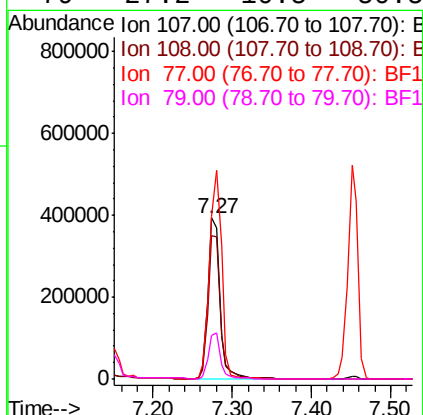
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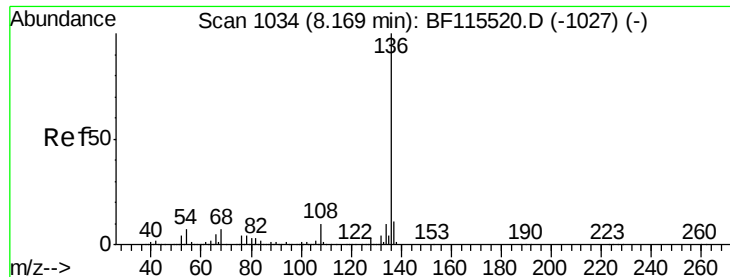
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#20
3+4-Methylphenols
Concen: 39.105 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	72.9	112.9	
77	100.9	77.6	117.6	
79	27.2	10.5	50.5	





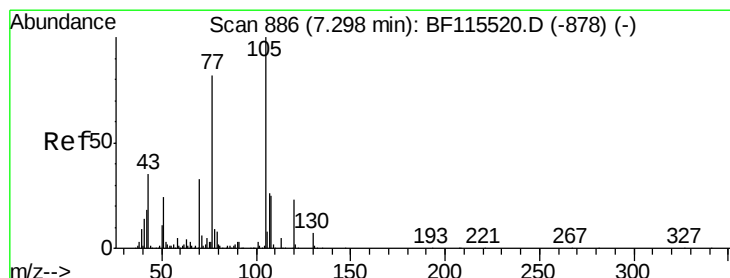
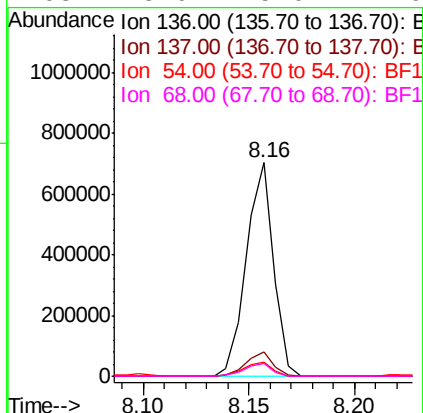
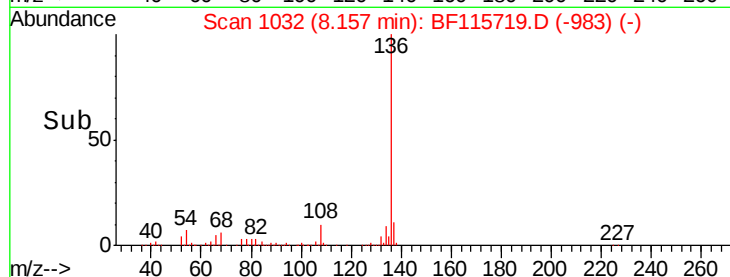
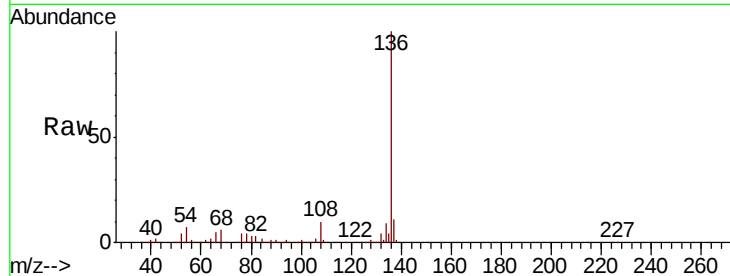
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	627758		
137	11.2		9.0	13.4
54	6.6		5.6	8.4
68	5.9		5.0	7.6

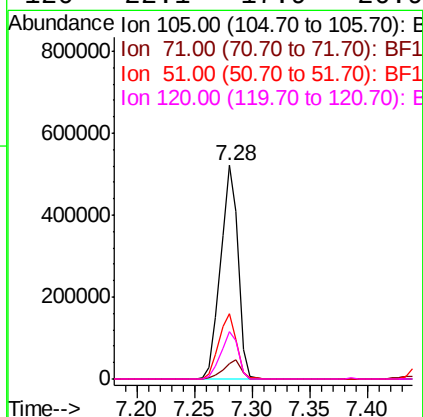
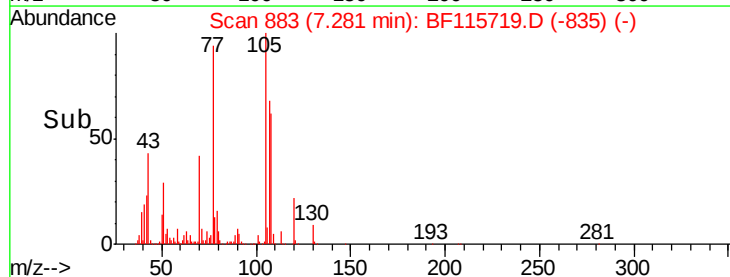
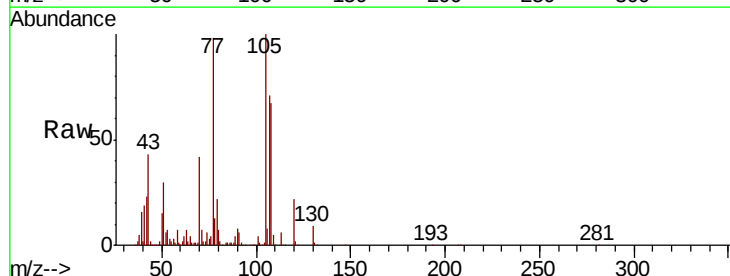
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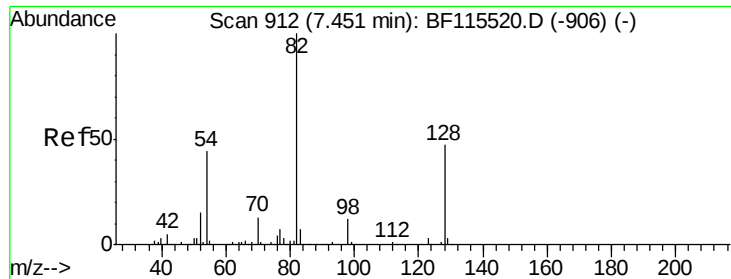
mohammad
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#22
Acetophenone
Concen: 38.617 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547666		
71	7.1		3.5	5.3#
51	30.3		25.6	38.4
120	22.1		17.9	26.9





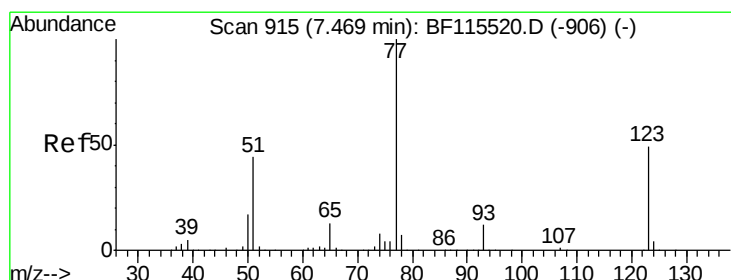
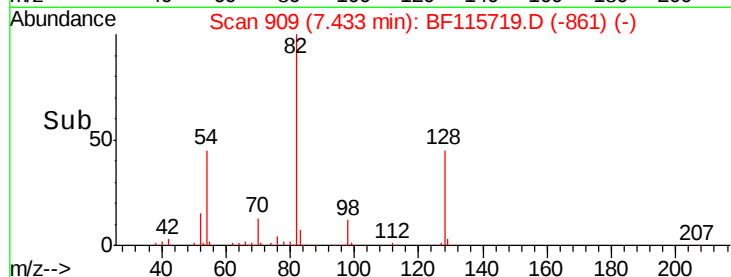
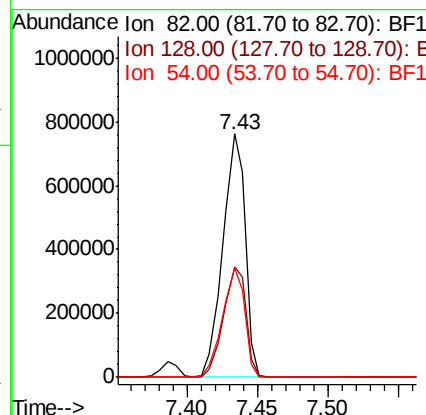
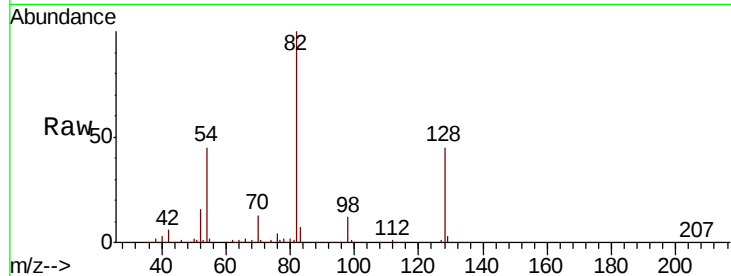
#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	44.7	35.6	53.4

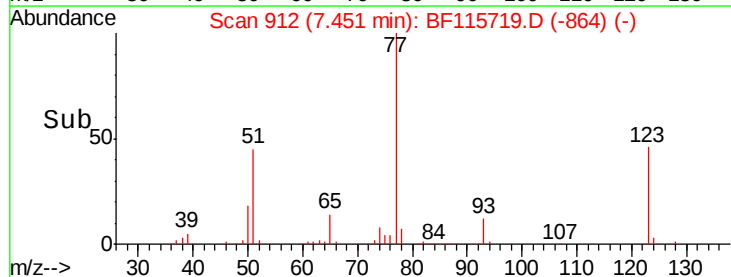
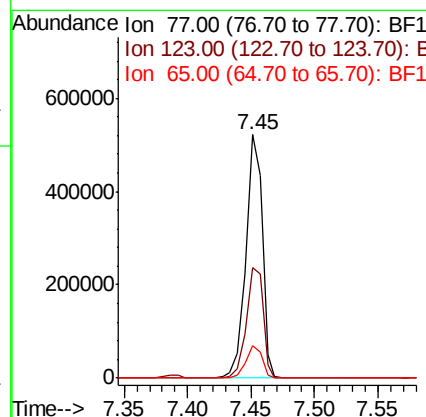
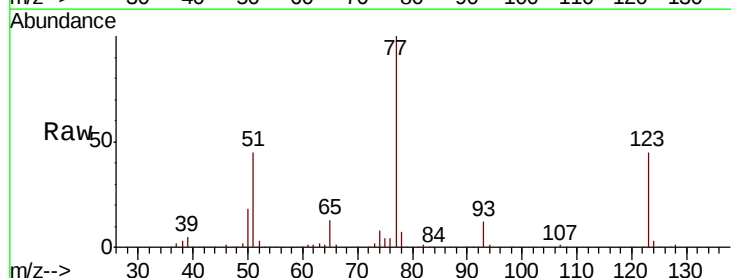
Manual Integrations
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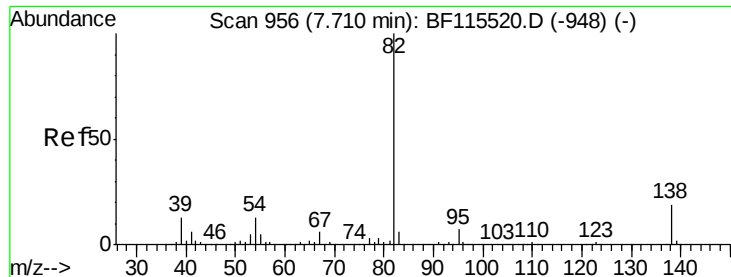
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#24
Nitrobenzene
Concen: 39.563 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	40.0	60.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 38.240 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

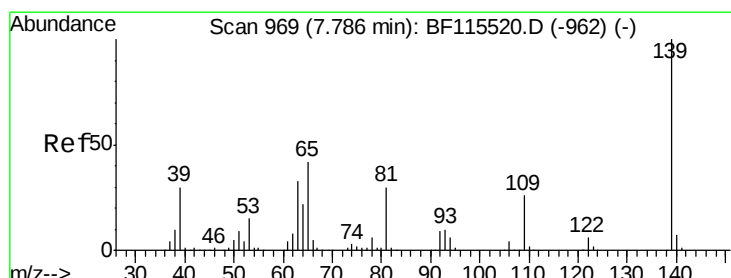
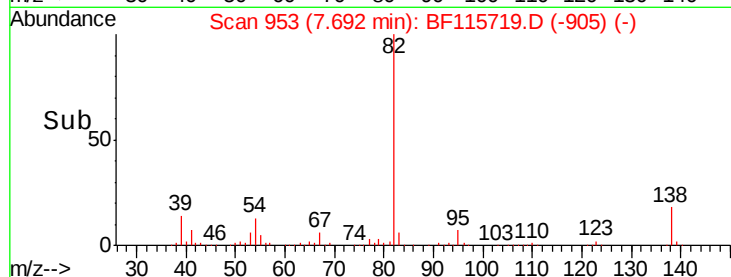
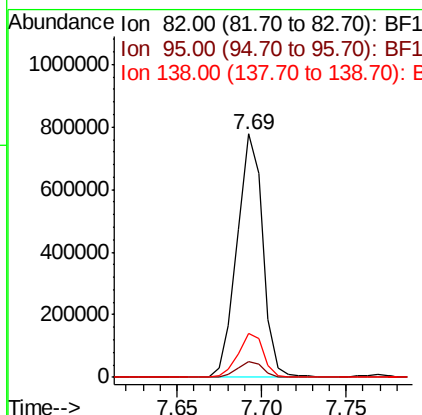
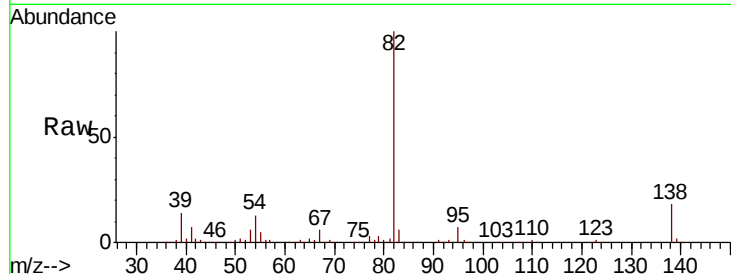
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	826116
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	17.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.536 ng

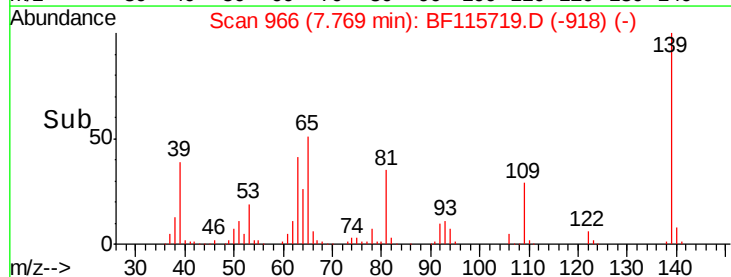
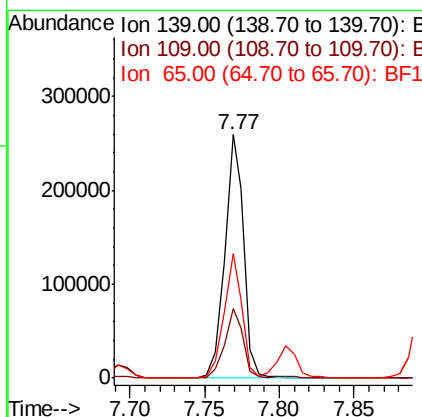
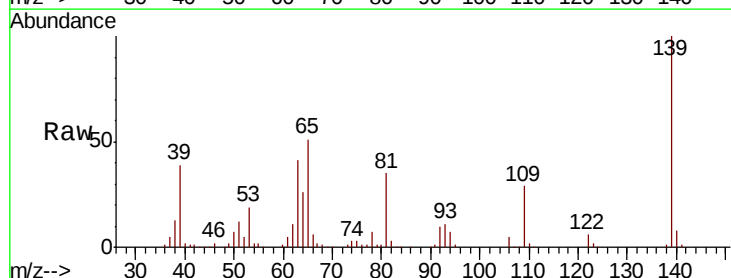
RT: 7.77 min Scan# 966

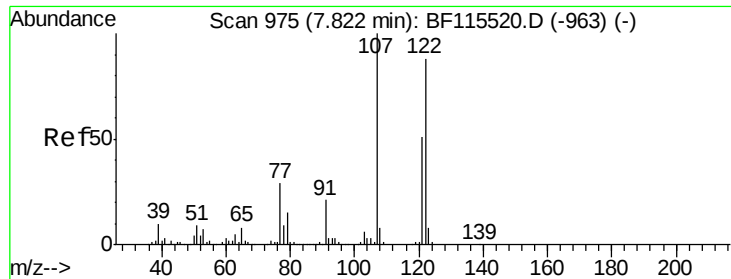
Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	139	Resp:	230970
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.3	34.9
65	51.1	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 36.012 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

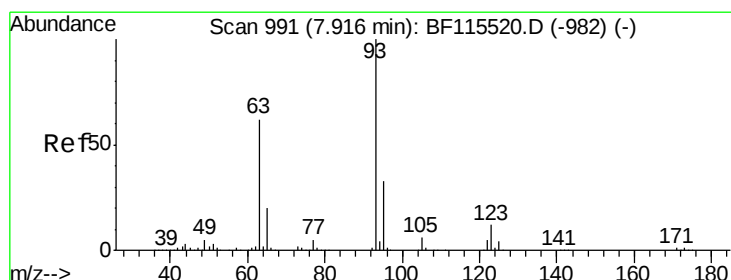
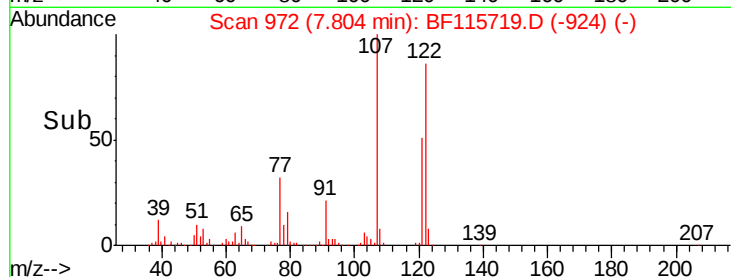
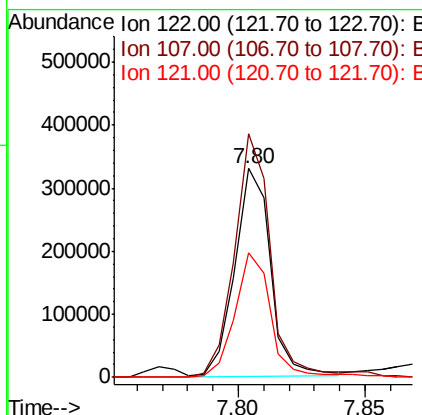
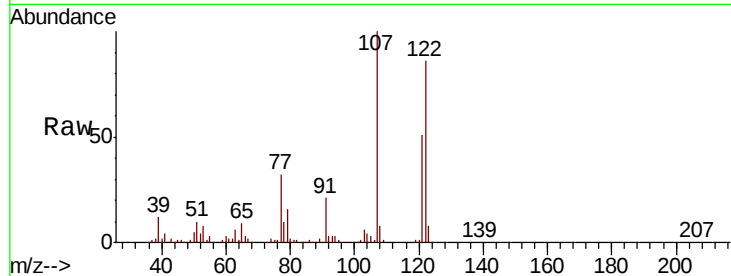
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	322951
Ion Ratio	Lower	Upper	
122	100		
107	116.7	92.9	139.3
121	59.6	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 39.120 ng

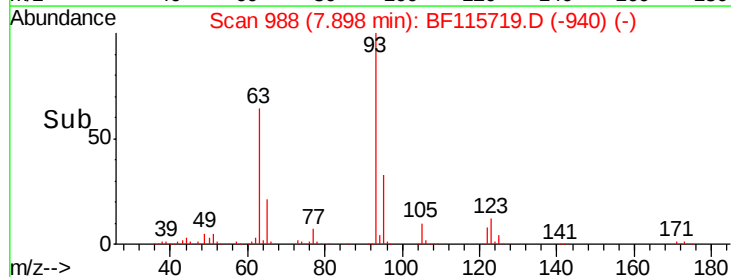
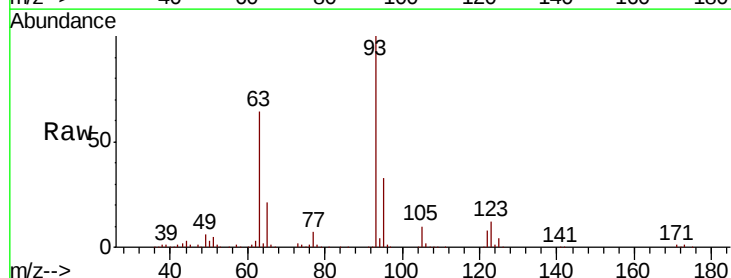
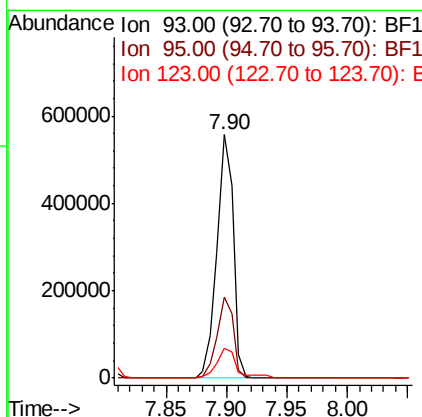
RT: 7.90 min Scan# 988

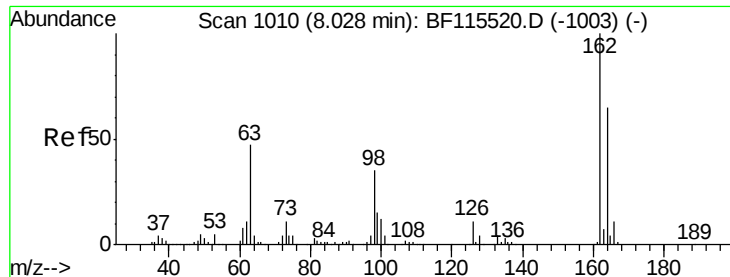
Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	93	Resp:	518465
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.0	40.4
123	12.3	9.9	14.9





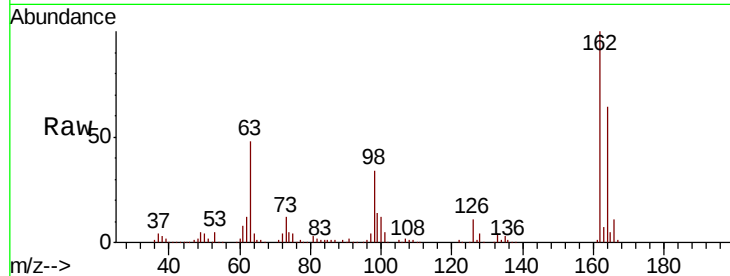
#29
2,4-Dichlorophenol
Concen: 38.979 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

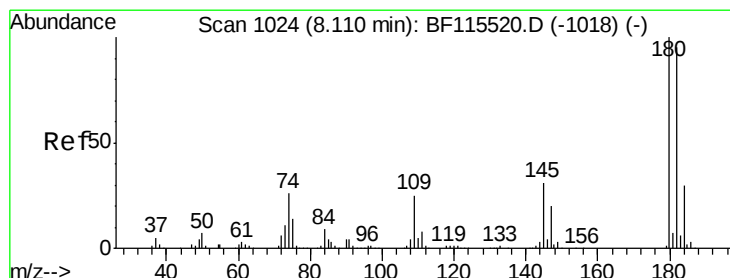
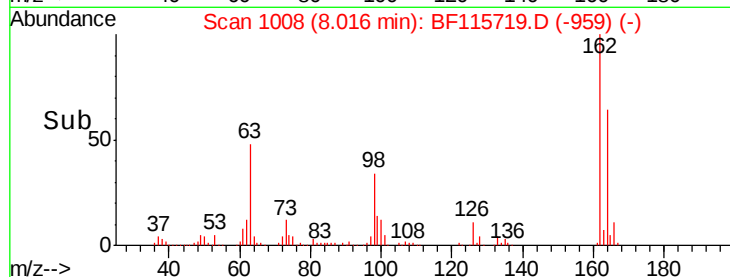
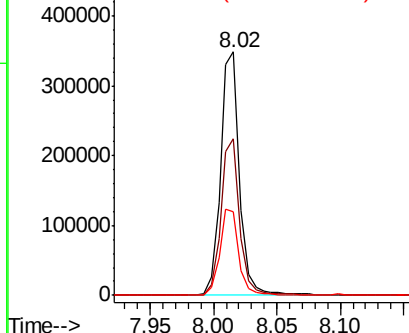
Tot Ion	Ratio	Resp	Lower	Upper
162	100	363543		
164	64.3	44.9	84.9	
98	34.1	17.7	57.7	

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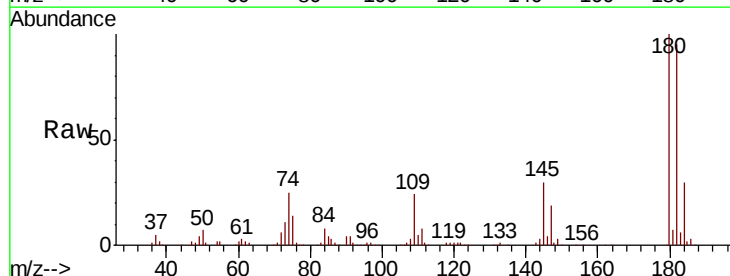


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

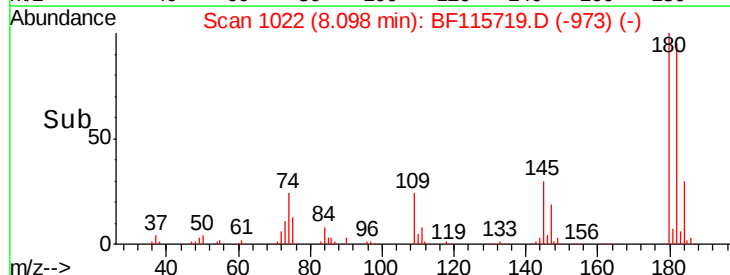
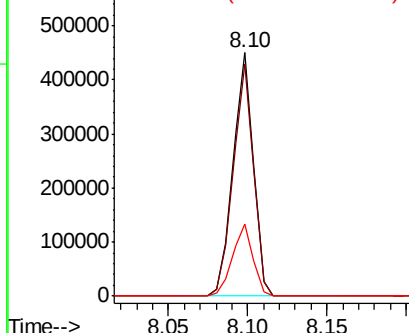


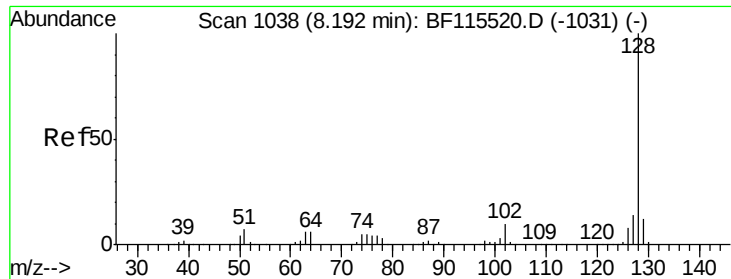
#30
1,2,4-Trichlorobenzene
Concen: 37.964 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400236		
182	95.3	75.0	112.6	
145	29.7	25.1	37.7	



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





#31

Naphthalene

Concen: 39.561 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1202760

Ion Ratio Lower Upper

128 100

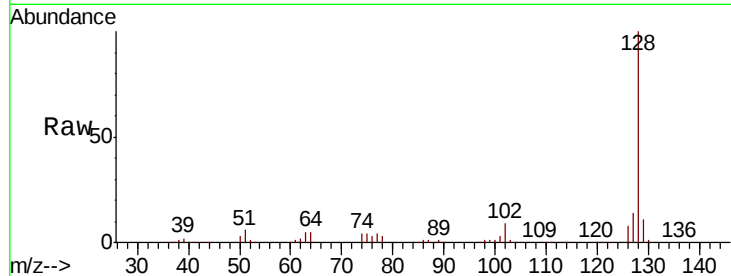
129 11.0 9.9 14.9

127 13.7 12.1 18.1

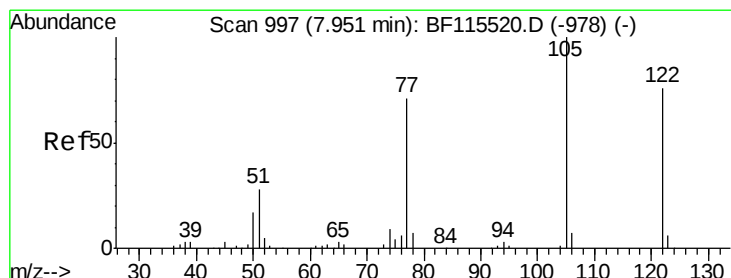
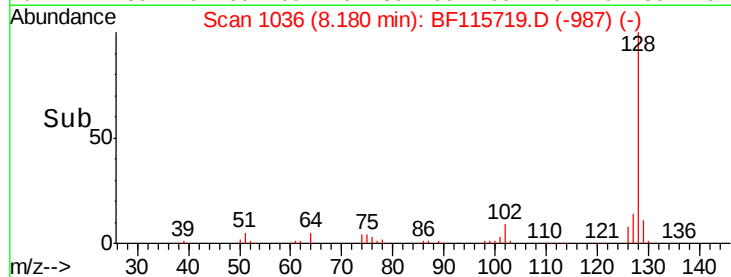
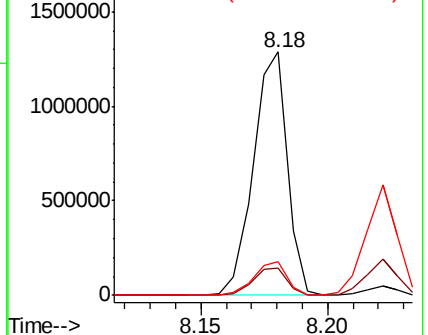
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.573 ng m

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

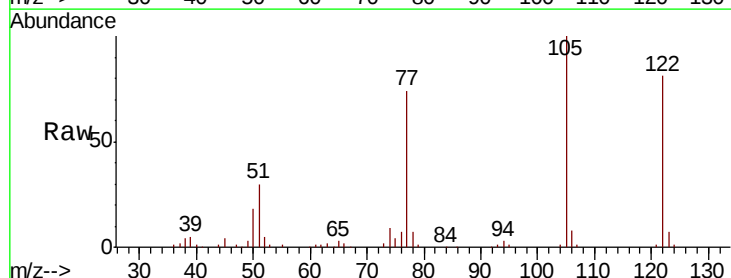
Tgt Ion:122 Resp: 269167

Ion Ratio Lower Upper

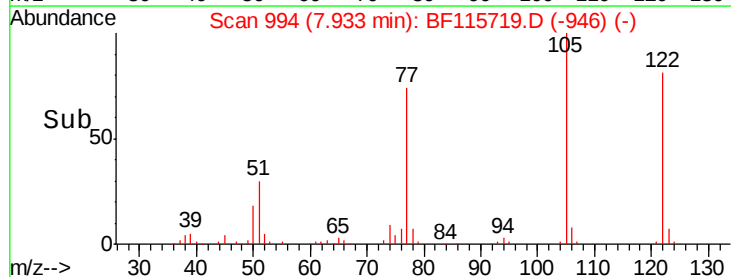
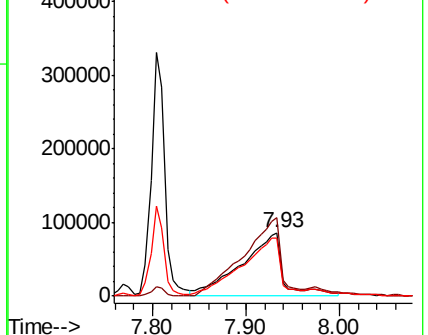
122 100

105 122.8 102.5 142.5

77 90.8 70.2 110.2



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





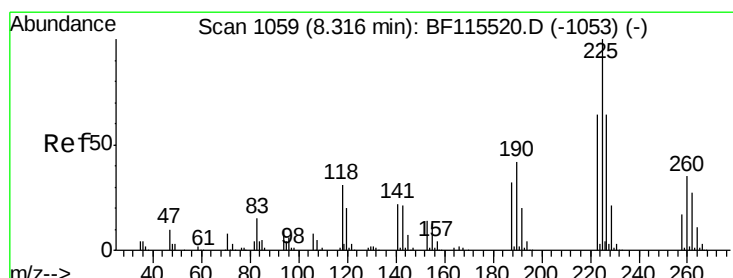
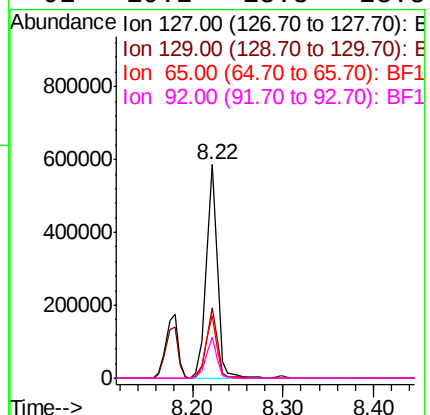
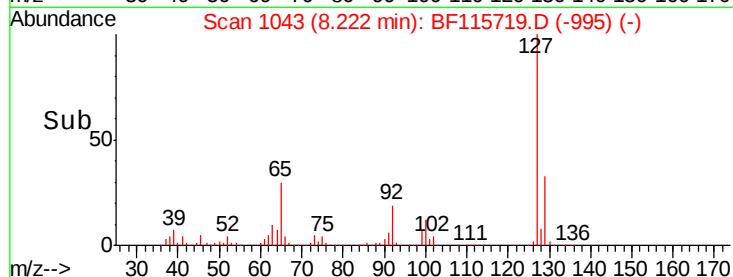
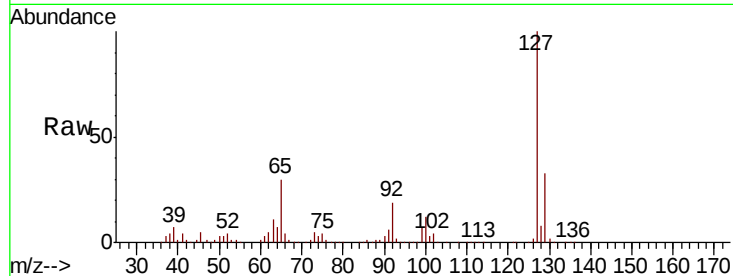
#33
4-Chloroaniline
Concen: 38.653 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	39.8		
65	29.7	23.7	35.5		
92	19.2	15.8	23.8		

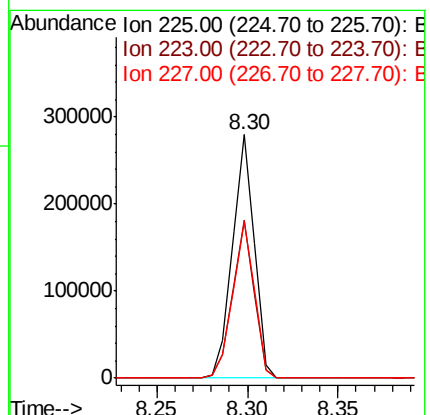
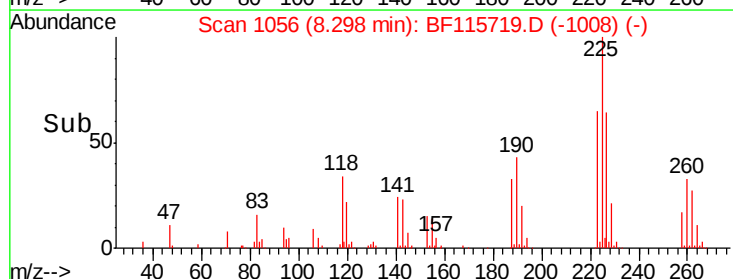
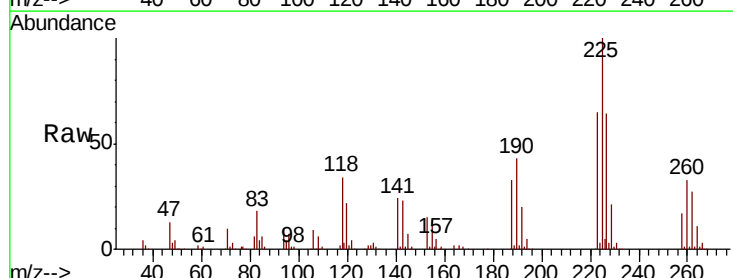
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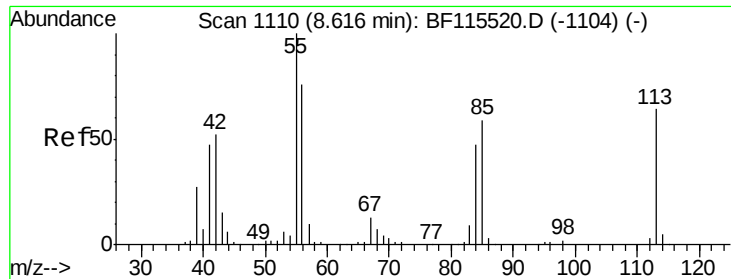
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#34
Hexachlorobutadiene
Concen: 39.076 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	50.9	76.3		
227	64.2	50.7	76.1		





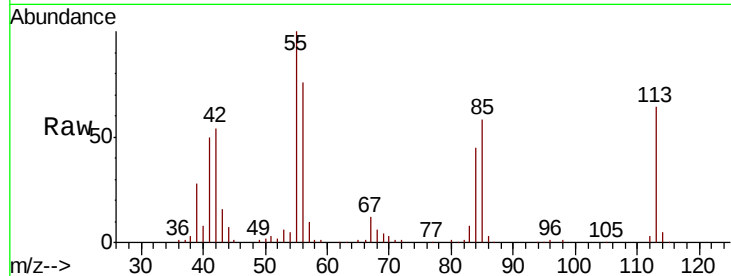
#35
Caprolactam
Concen: 39.982 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.0	126.9	166.9
56	119.0	90.3	130.3

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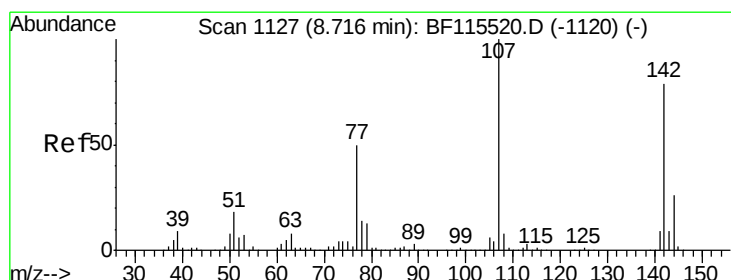
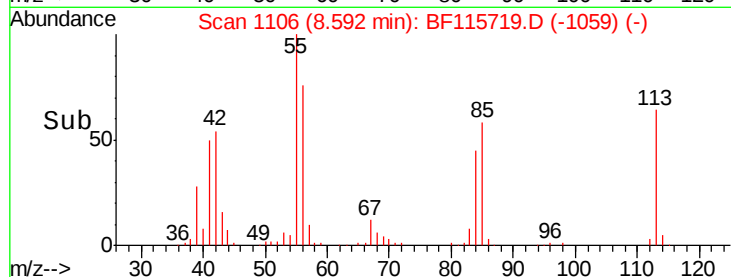
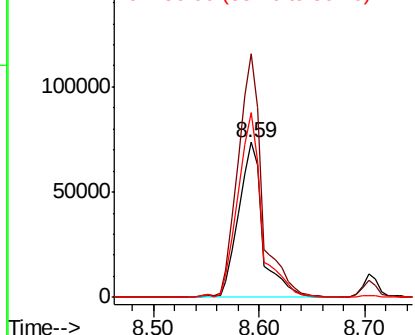


Abundance

Ion 113.00 (112.70 to 113.70): E

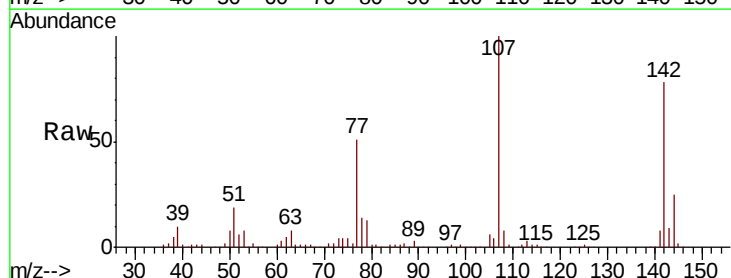
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.058 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.6	30.8
142	77.7	63.1	94.7

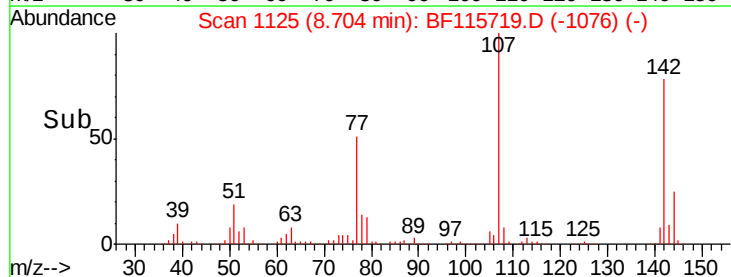
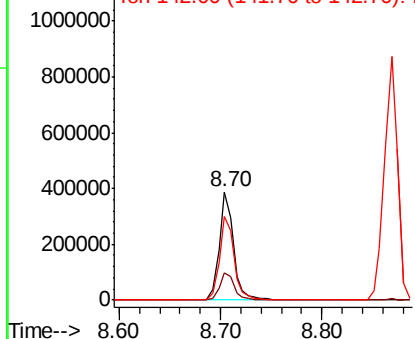


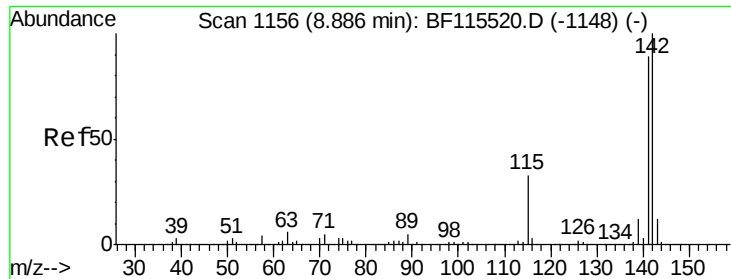
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





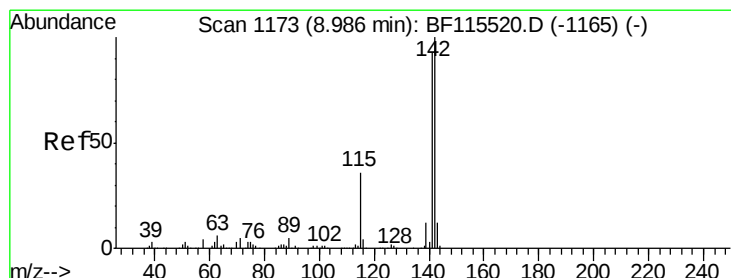
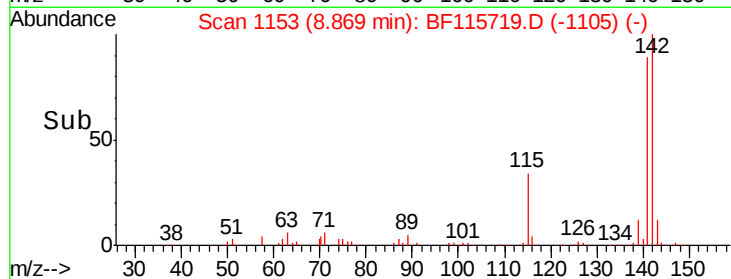
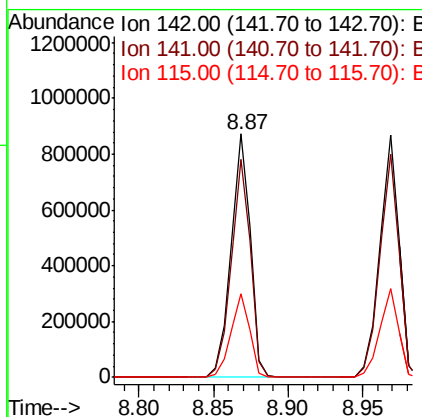
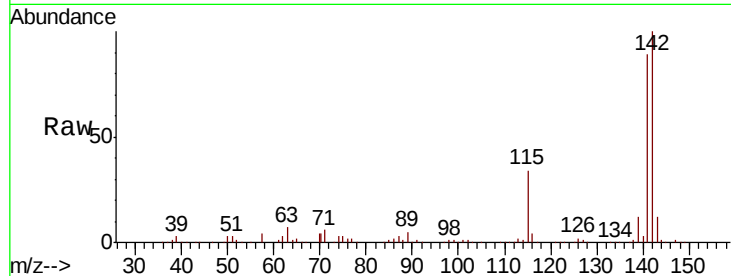
#37
 2-Methylnaphthalene
 Concen: 39.793 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	34.4	29.9	44.9

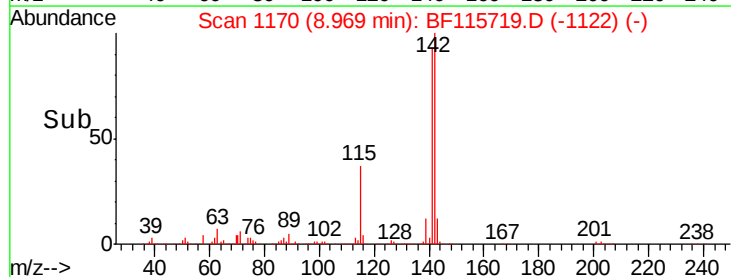
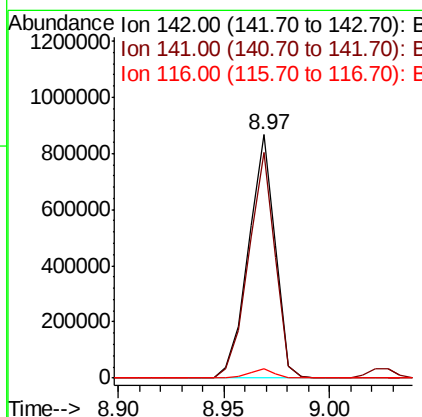
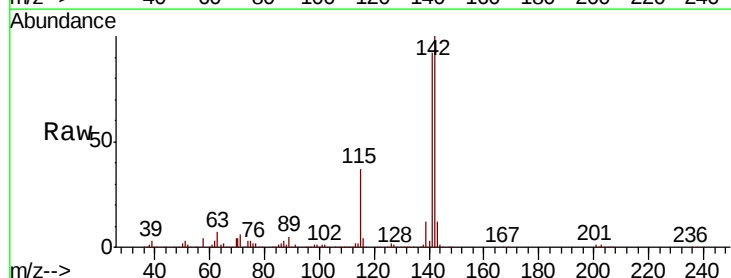
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#38
 1-Methylnaphthalene
 Concen: 39.764 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.3	112.9
116	3.8	3.3	4.9





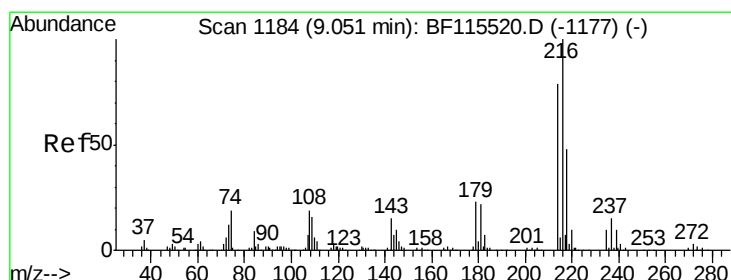
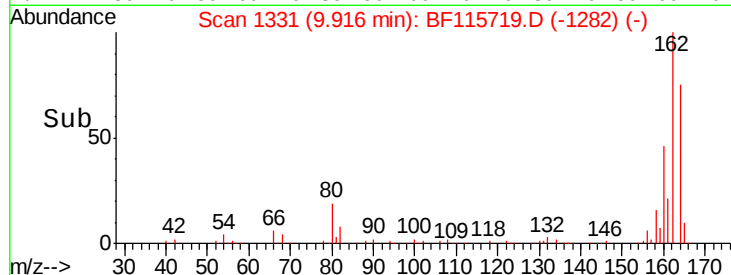
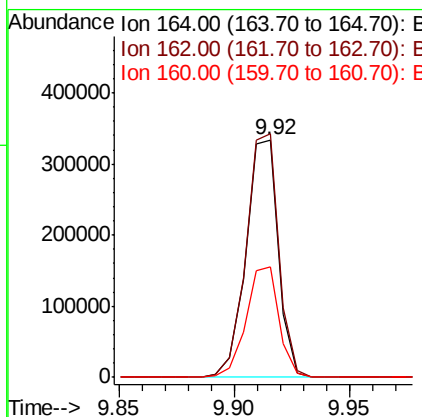
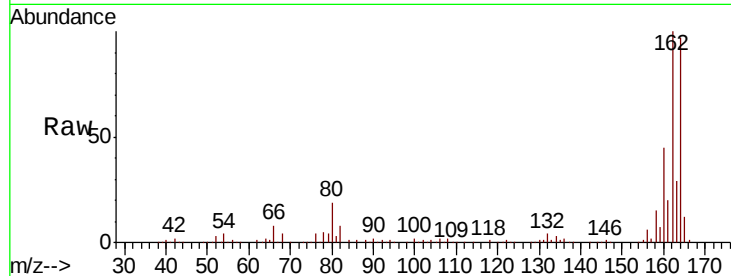
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.9	124.3
160	46.6	36.8	55.2

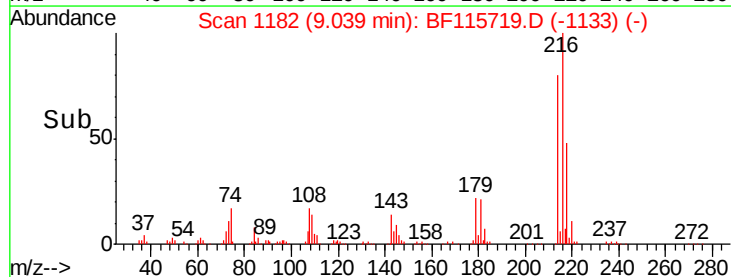
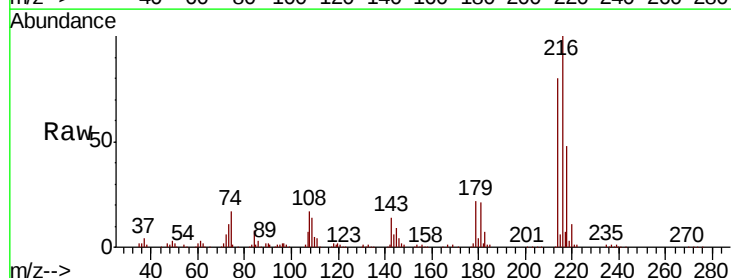
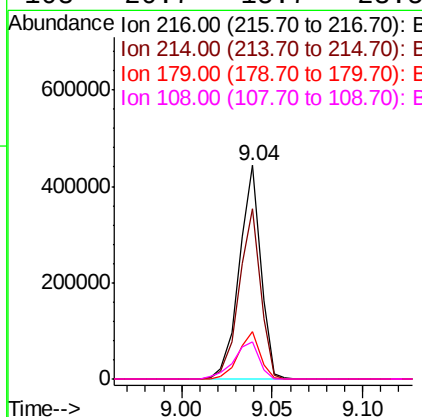
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.135 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	65.1	97.7
179	22.3	18.3	27.5
108	20.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 44.735 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

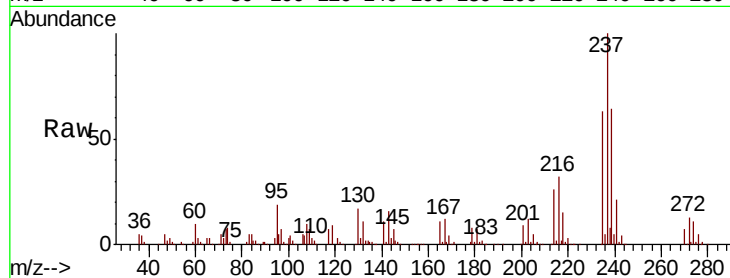
ClientSampleId :

SSTDCCC040

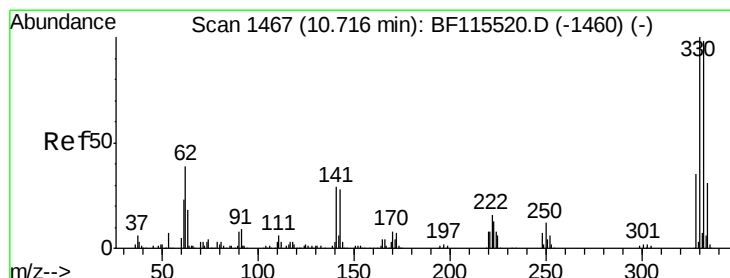
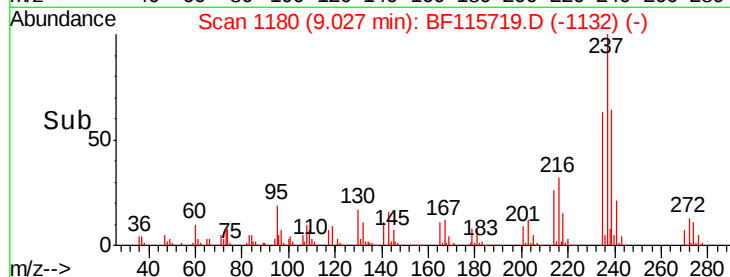
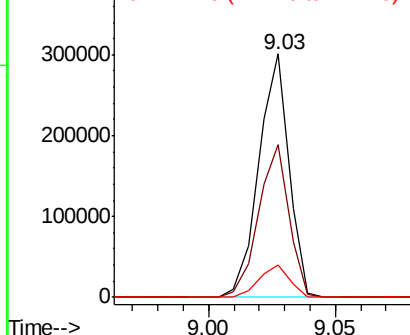
Tot Ion:	237	Resp:	250824
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.6	83.6
272	13.3	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 75.250 ng

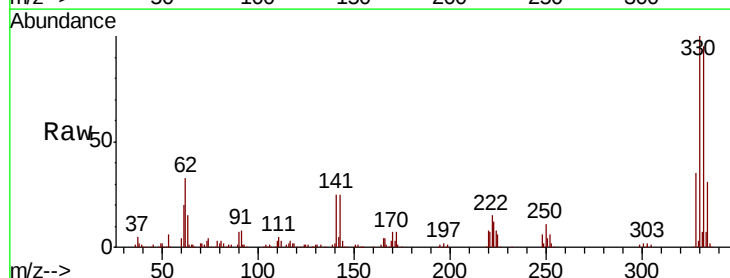
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

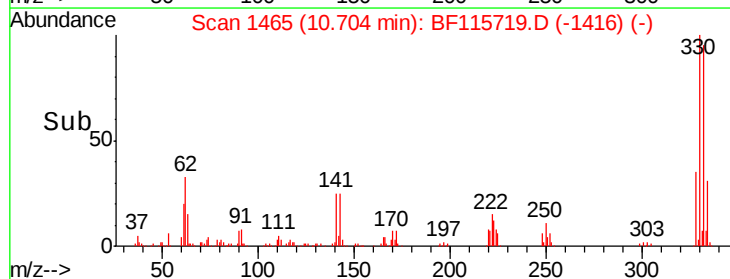
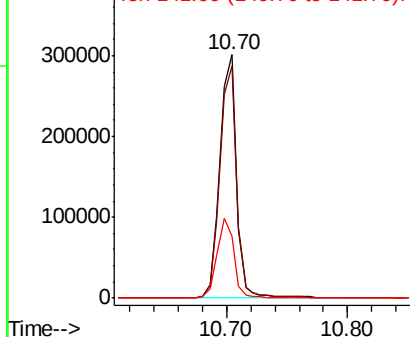
Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	330	Resp:	286691
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	32.7	22.4	33.6



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





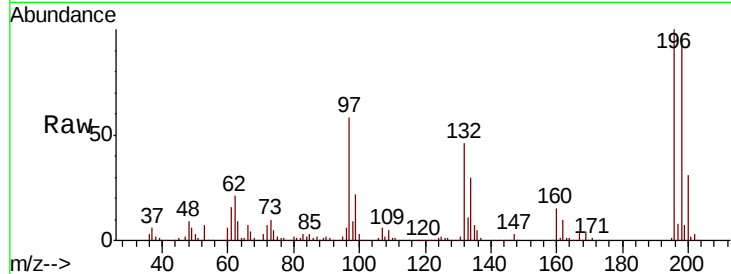
#43
 2,4,6-Trichlorophenol
 Concen: 35.121 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252443		
198	97.4	80.6	121.0	
200	31.1	25.8	38.6	

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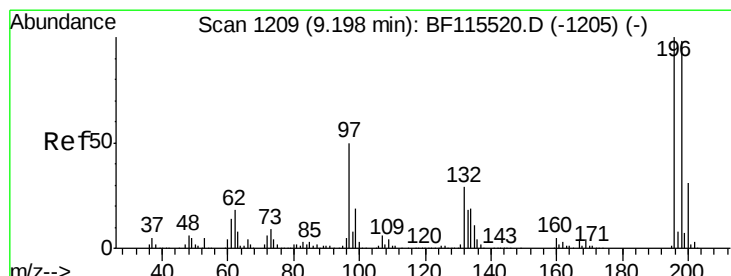
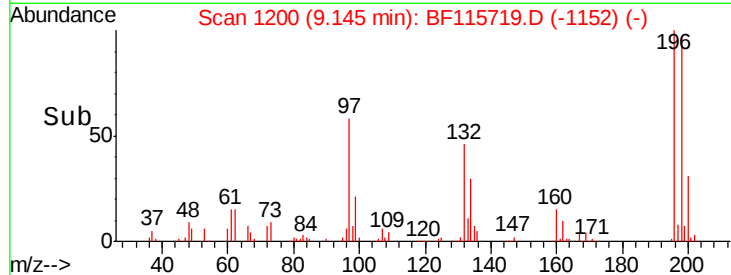
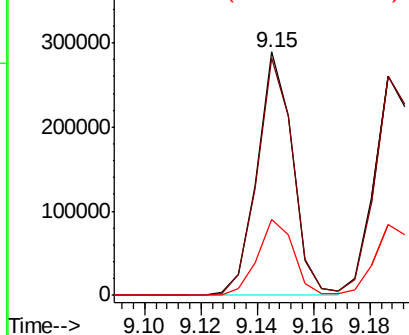


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.772 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270685		
198	100.1	79.6	119.4	
97	52.0	37.8	56.6	
132	30.7	22.8	34.2	

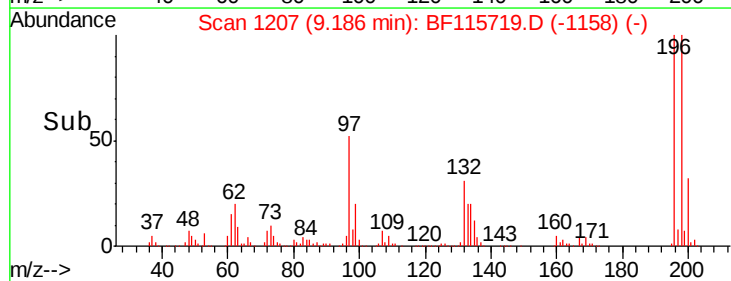
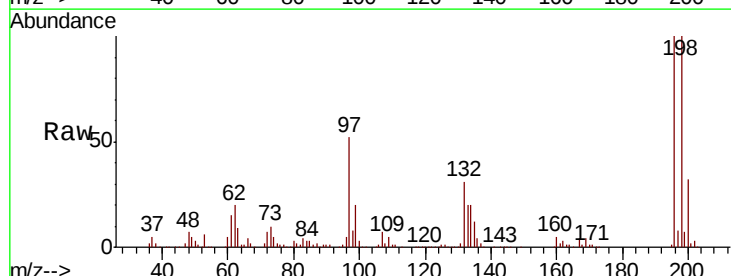
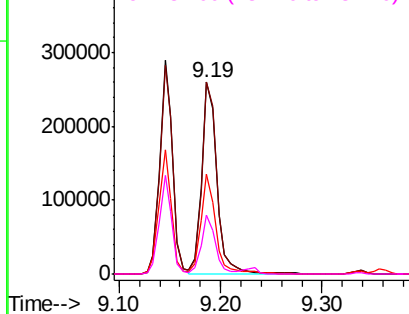
Abundance

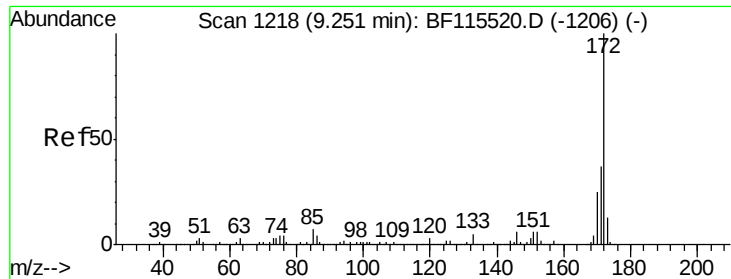
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





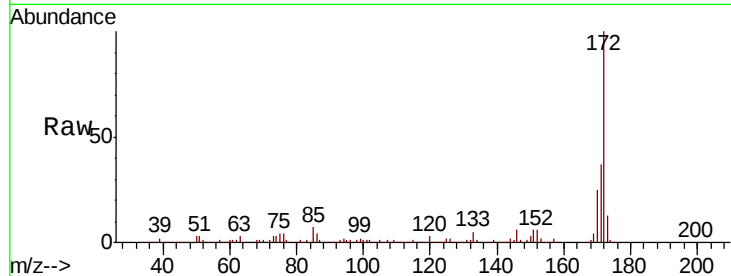
#45
2-Fluorobiphenyl
Concen: 79.609 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	30.6	46.0	
170	25.0	20.5	30.7	

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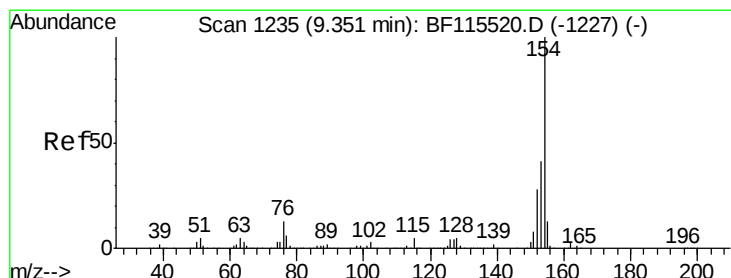
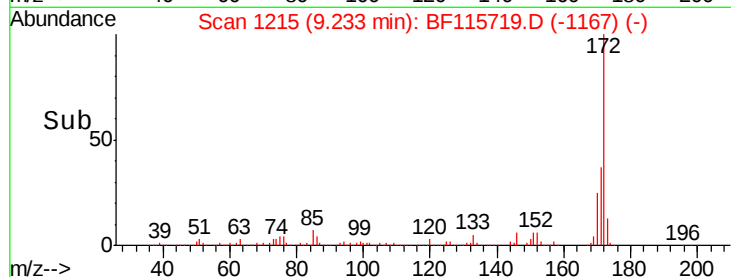
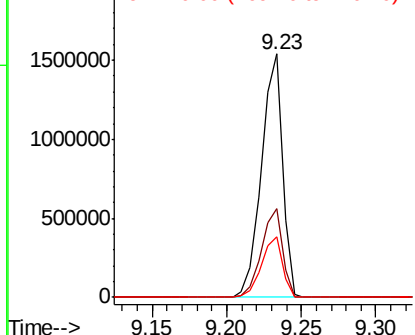


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.220 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

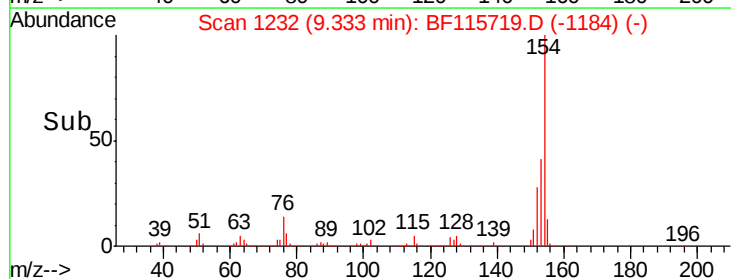
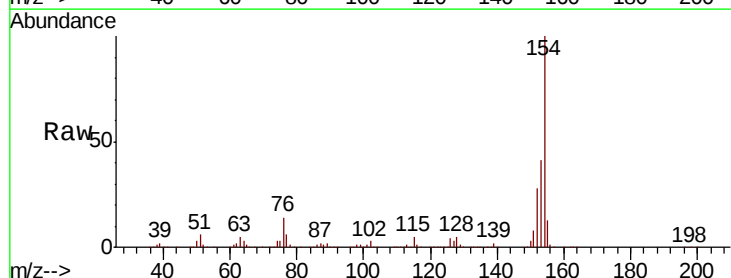
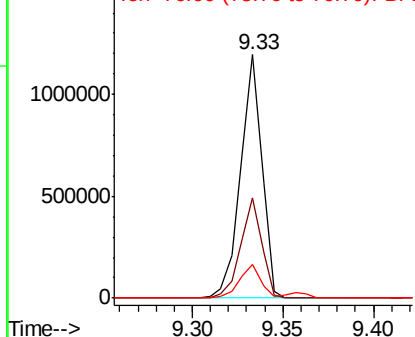
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.3	22.6	62.6	
76	13.9	0.0	33.4	

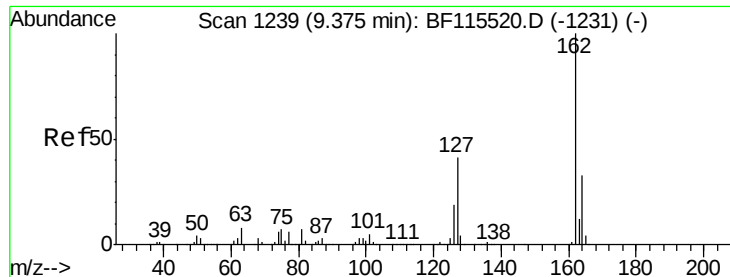
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





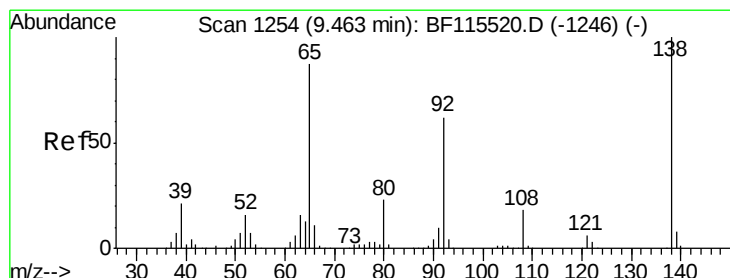
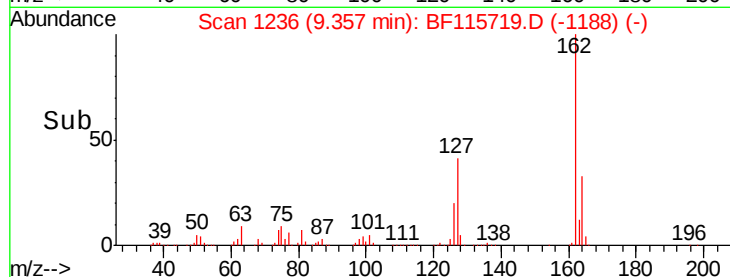
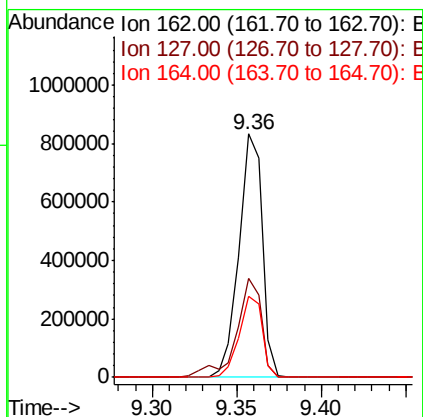
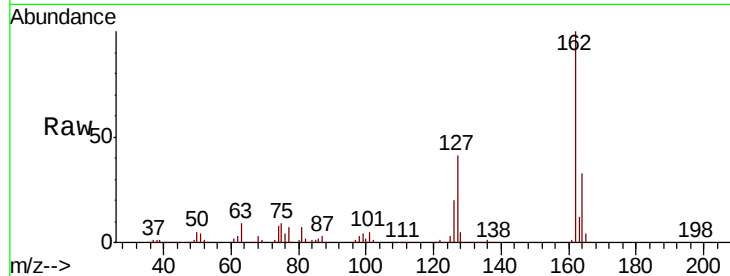
#47
2-Chloronaphthalene
Concen: 37.664 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.1	51.1
164	33.3	27.4	41.2

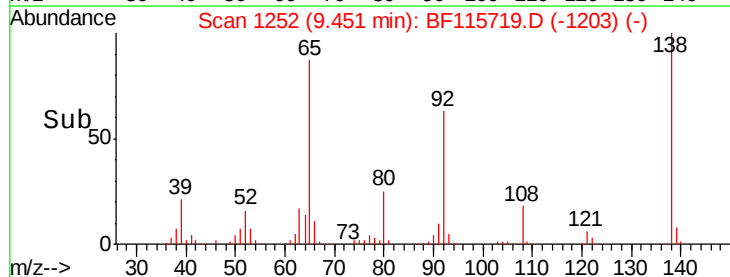
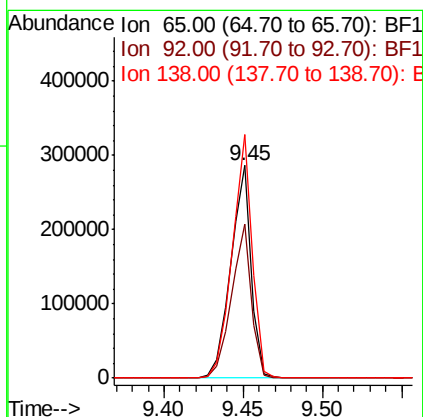
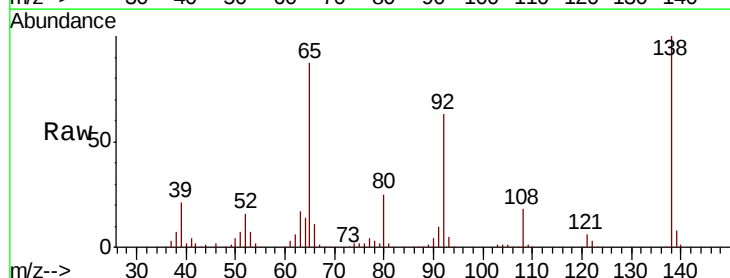
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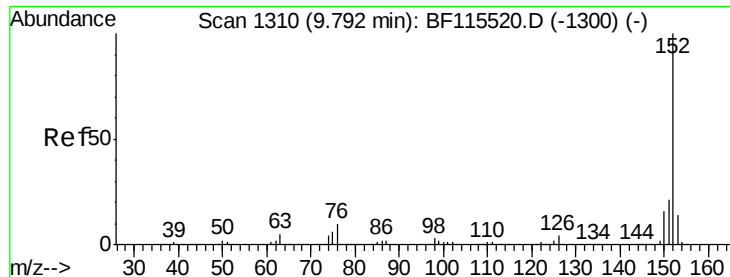
mohammad
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#48
2-Nitroaniline
Concen: 38.768 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.8	86.6
138	114.5	91.2	136.8





#49

Acenaphthylene

Concen: 38.654 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1216949

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

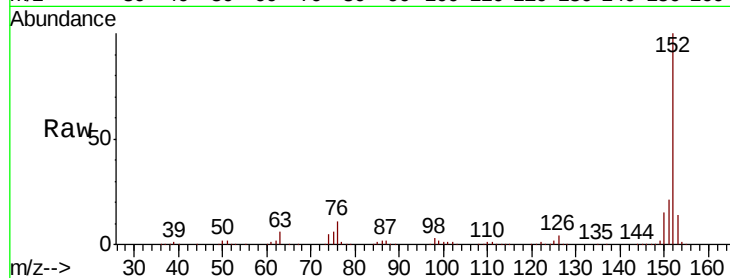
153 14.0 12.0 18.0

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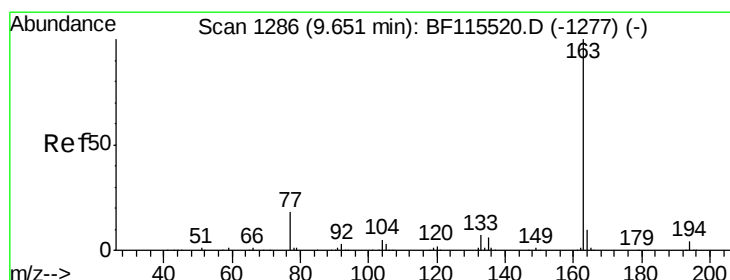
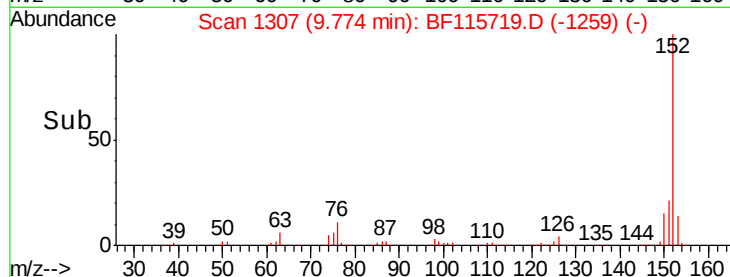
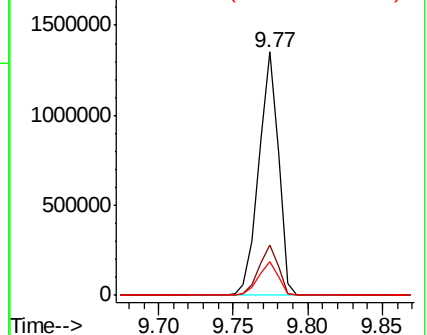
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.331 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

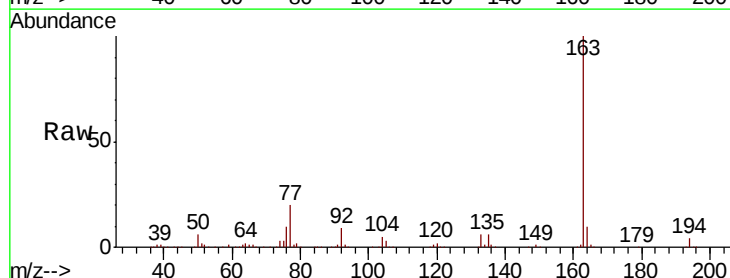
Tgt Ion:163 Resp: 941295

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

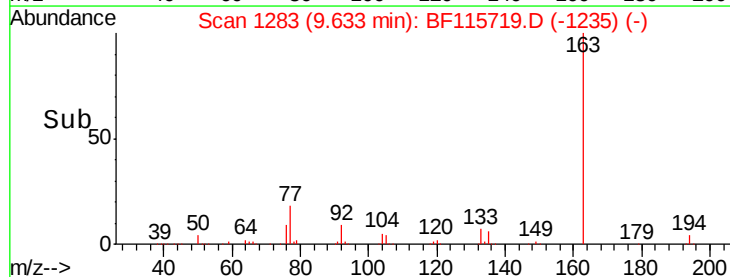
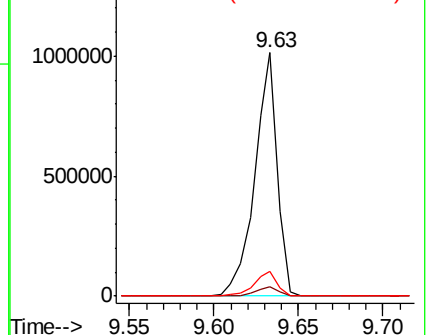
164 10.2 8.7 13.1

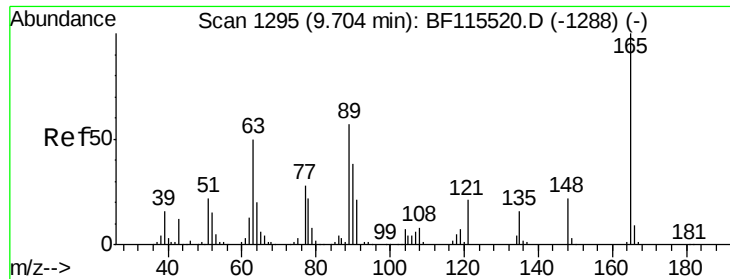


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





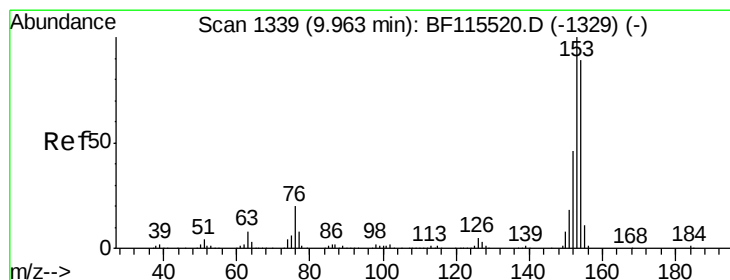
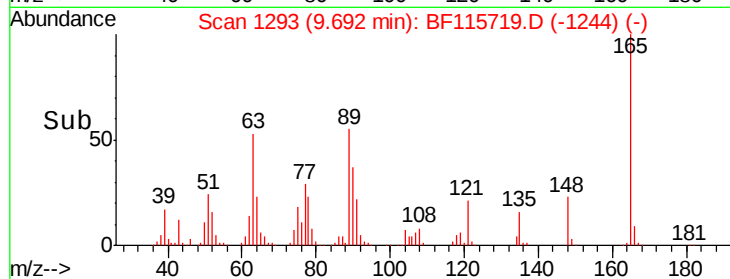
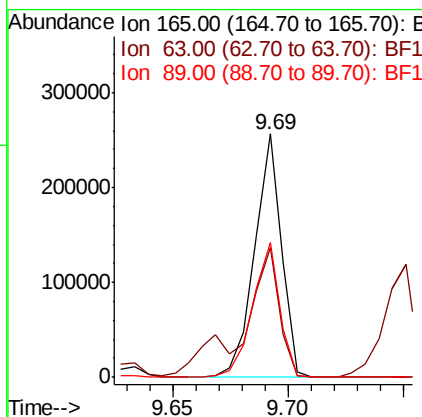
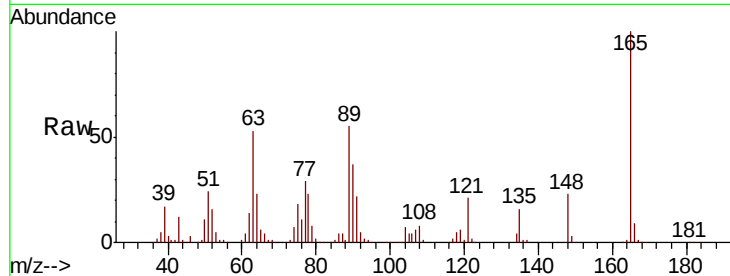
#51
 2,6-Dinitrotoluene
 Concen: 37.454 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209023		
63	53.4		40.6	61.0
89	55.4		43.9	65.9

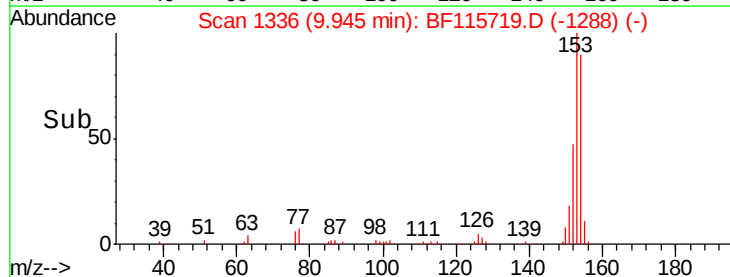
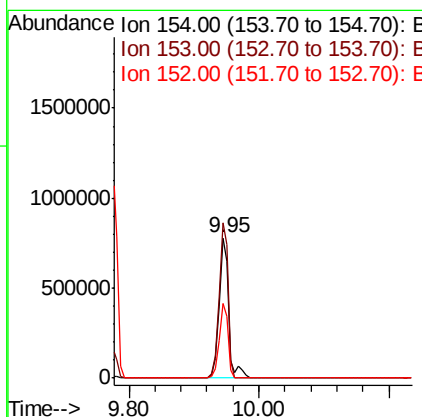
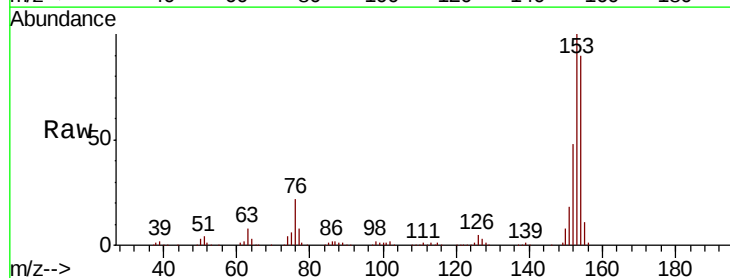
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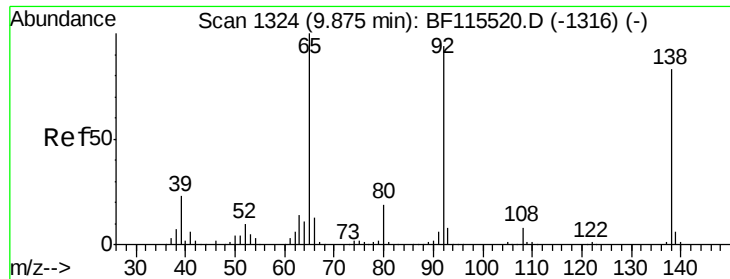
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#52
 Acenaphthene
 Concen: 38.943 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	791550		
153	110.8		88.6	133.0
152	52.9		42.3	63.5





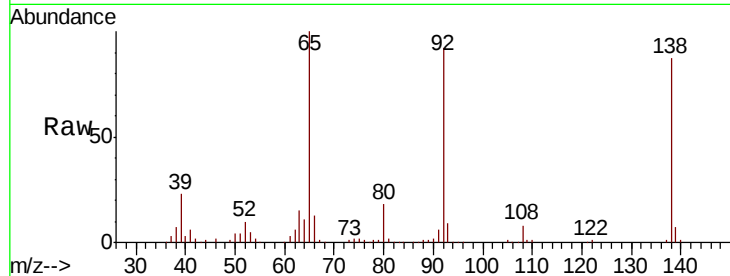
#53
3-Nitroaniline
Concen: 38.226 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

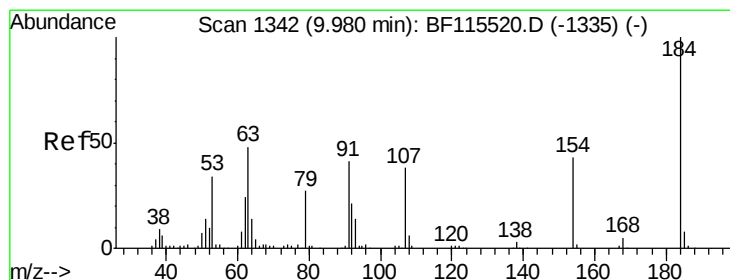
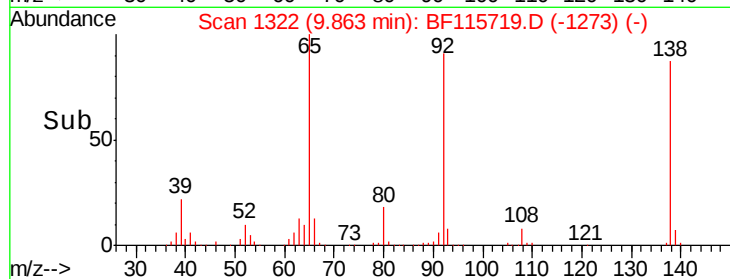
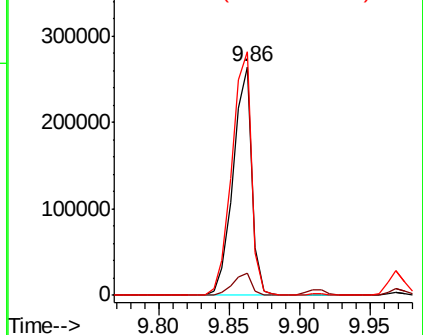
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.4	12.6
92	106.6	88.0	132.0

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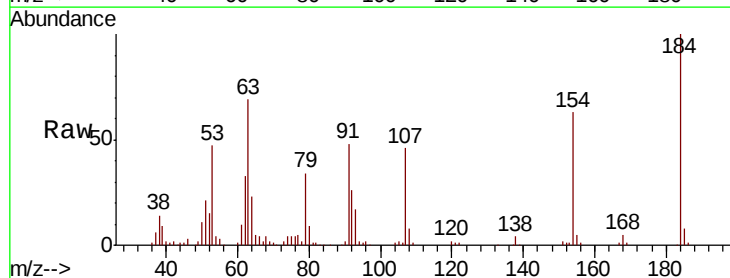


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

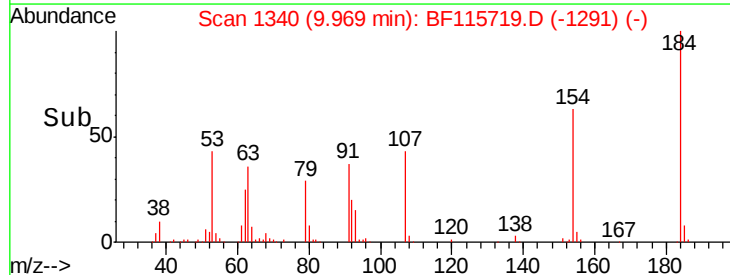
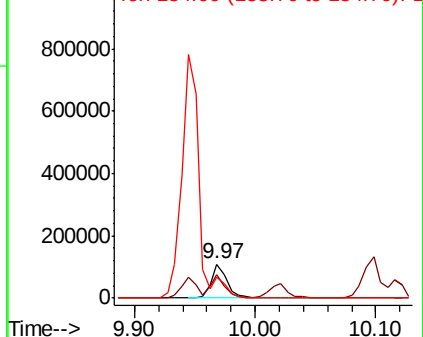


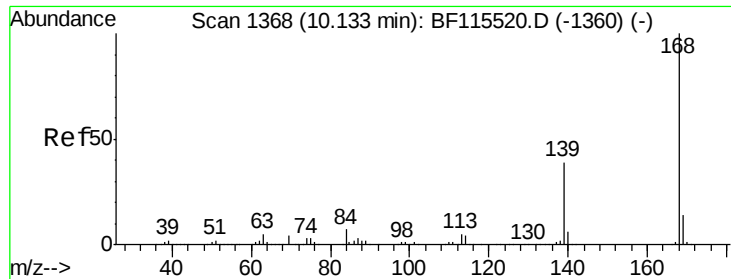
#54
2,4-Dinitrophenol
Concen: 35.682 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	48.7	73.1
154	62.7	48.6	73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





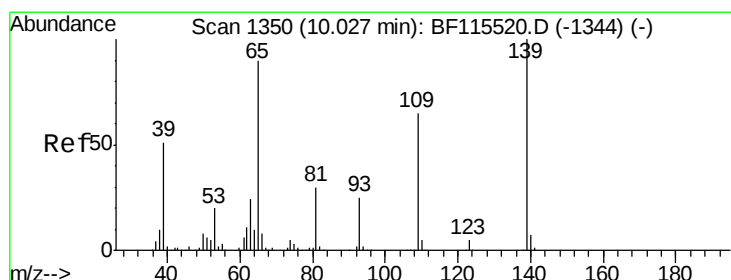
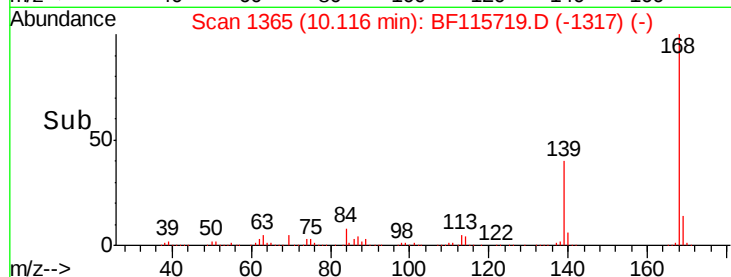
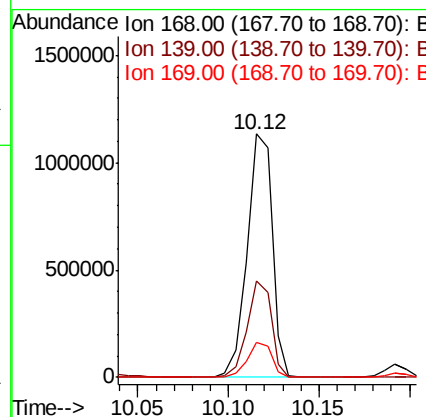
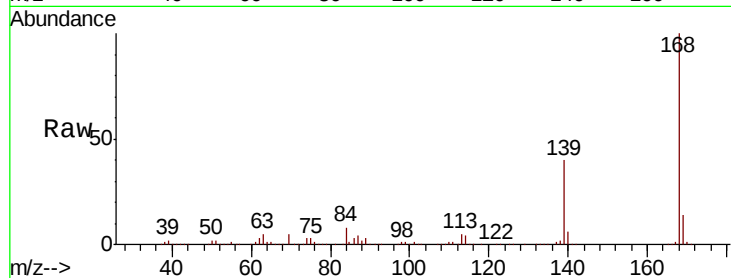
#55
Dibenzenofuran
Concen: 37.754 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.1	46.7
169	14.2	11.1	16.7

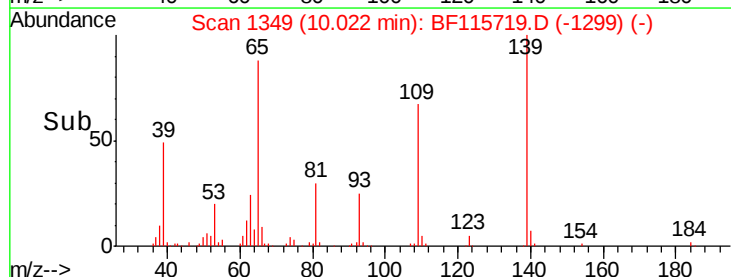
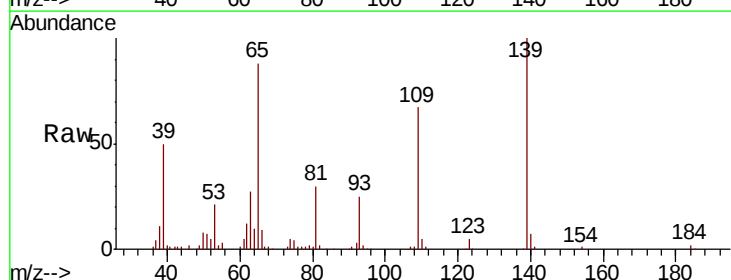
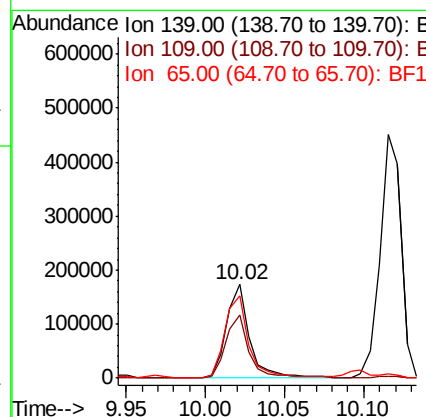
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#56
4-Nitrophenol
Concen: 36.251 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	46.4	86.4
65	88.0	68.9	108.9





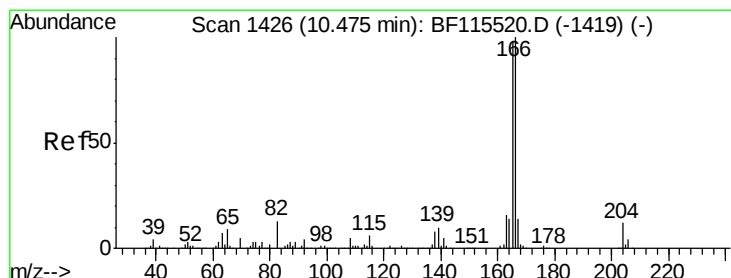
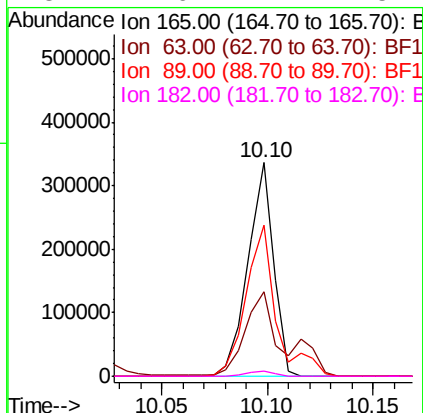
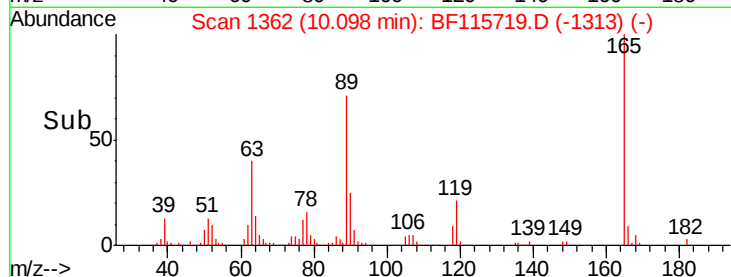
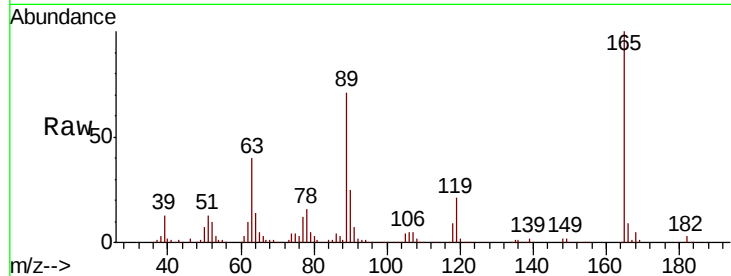
#57
2,4-Dinitrotoluene
Concen: 39.515 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	34.9	52.3
89	70.6	57.5	86.3
182	2.6	2.2	3.4

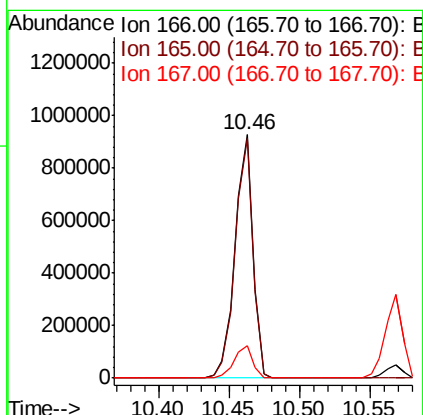
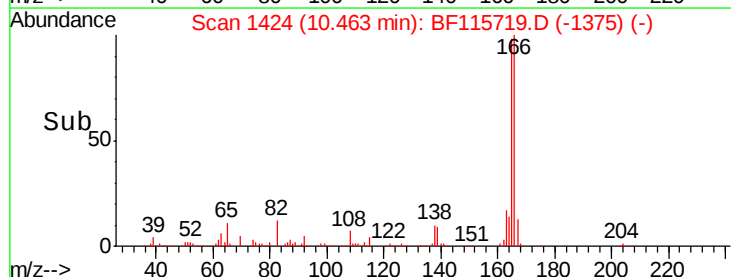
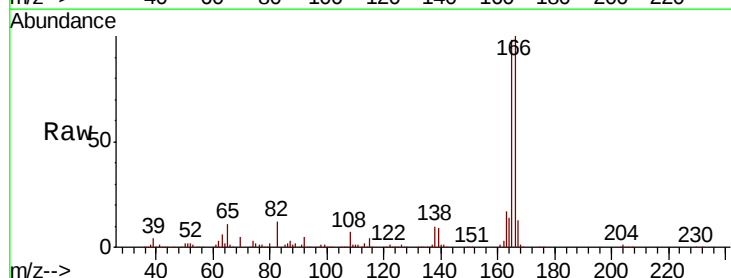
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#58
Fluorene
Concen: 39.717 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.6
167	13.5	11.2	16.8





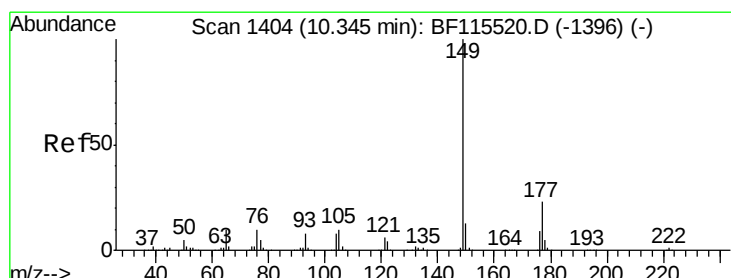
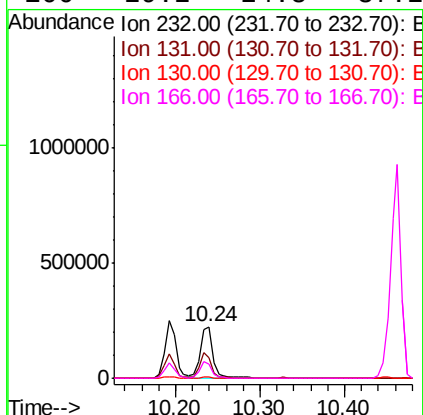
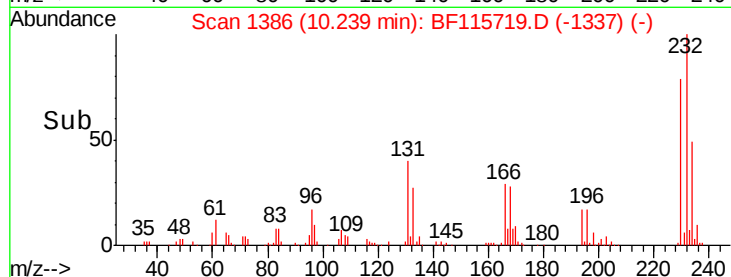
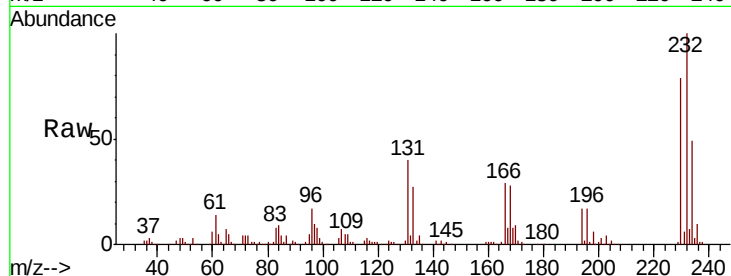
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.962 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	233602		
131	46.3		35.9	53.9
130	2.3		1.8	2.6
166	29.2		24.8	37.2

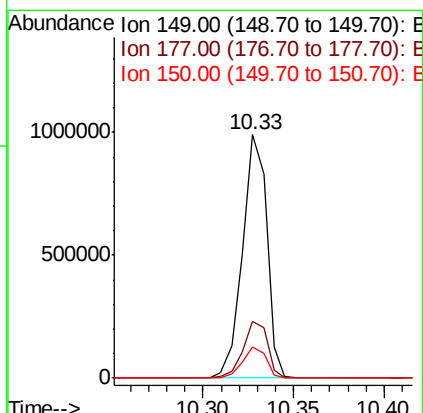
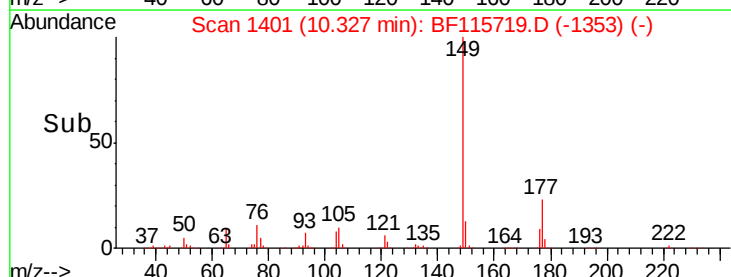
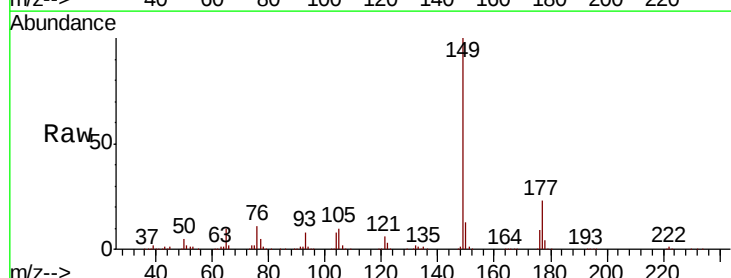
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#60
Diethylphthalate
Concen: 40.099 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	922648		
177	23.1		19.5	29.3
150	12.7		10.4	15.6





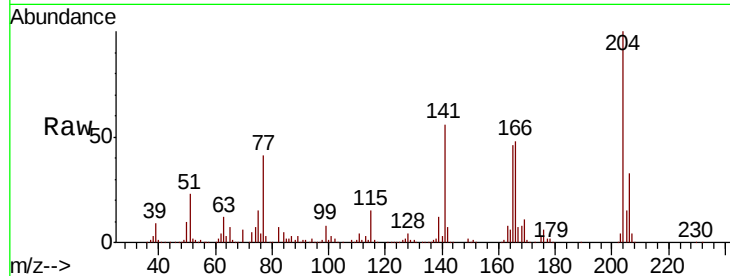
#61
 4-Chlorophenyl-phenylether
 Concen: 37.203 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

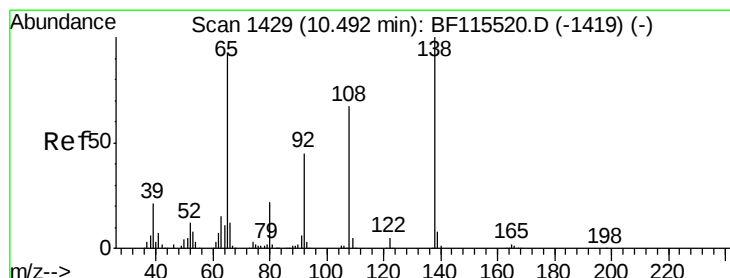
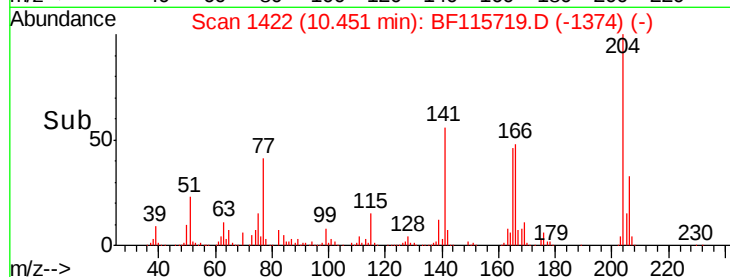
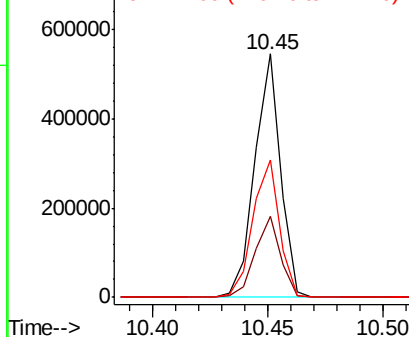
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	56.4	44.2	66.2

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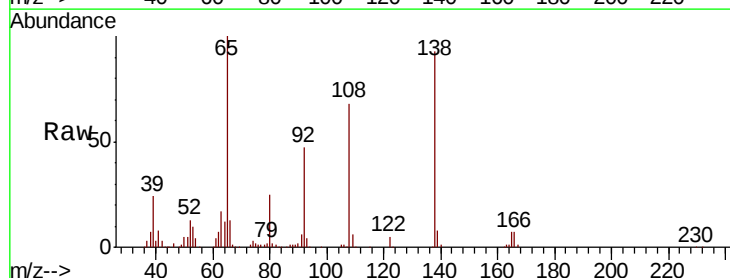


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

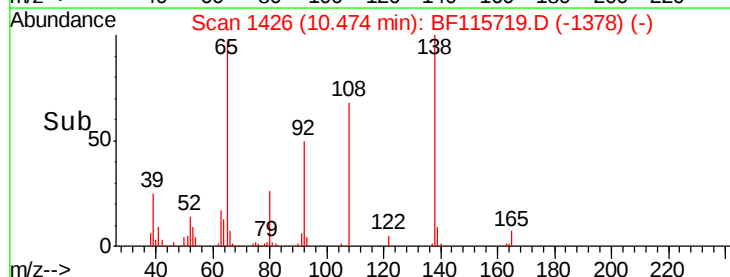
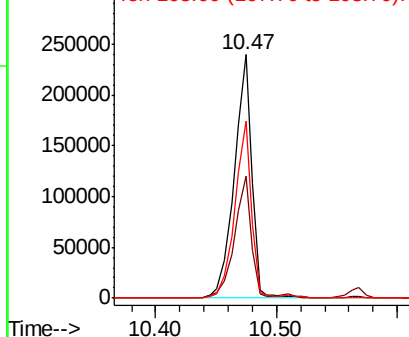


#62
 4-Nitroaniline
 Concen: 39.937 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	27.1	67.1
108	72.6	48.0	88.0



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





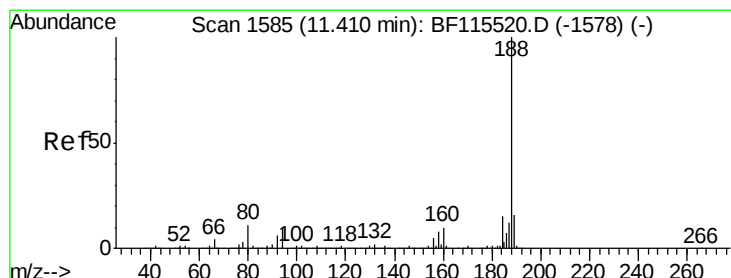
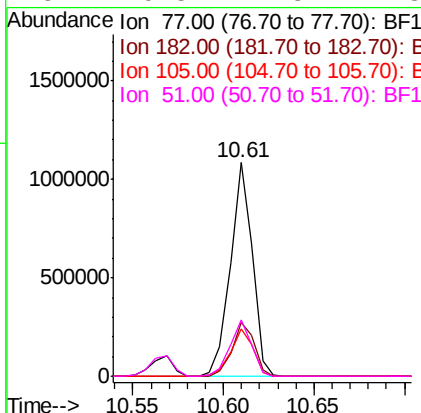
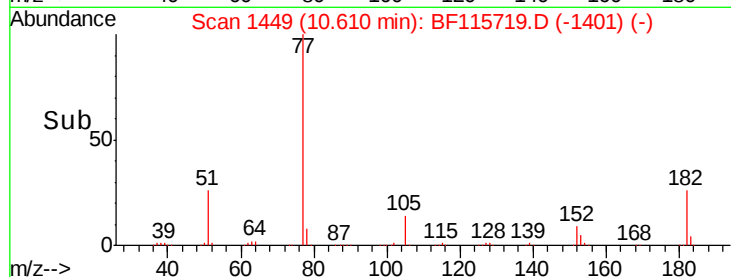
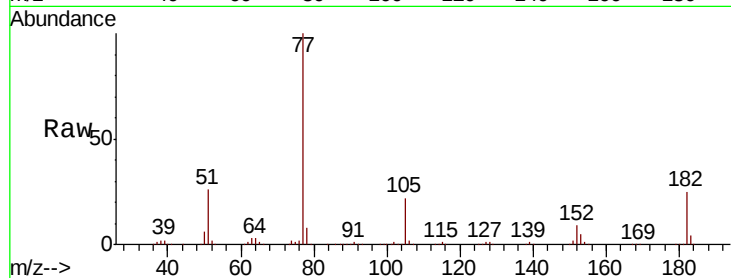
#63
Azobenzene
Concen: 40.995 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.9	46.9
105	22.4	3.9	43.9
51	26.5	7.3	47.3

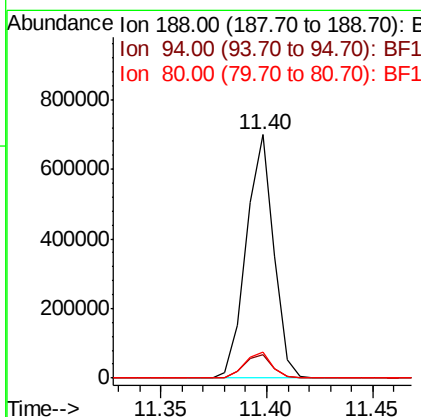
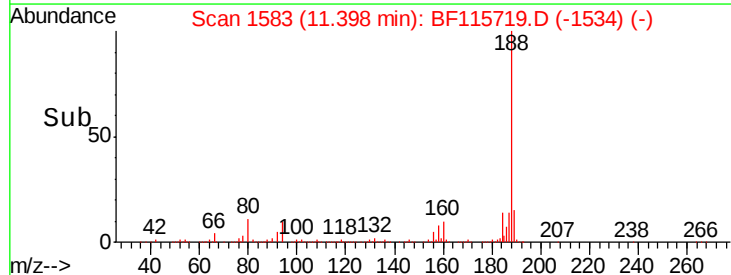
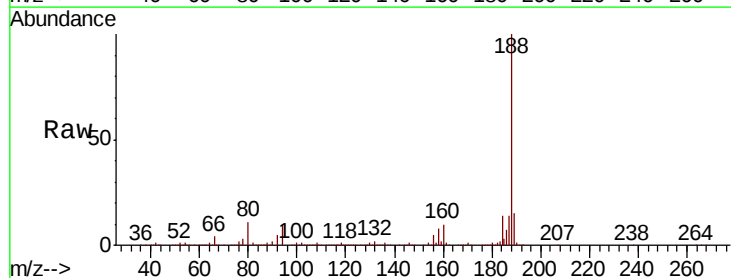
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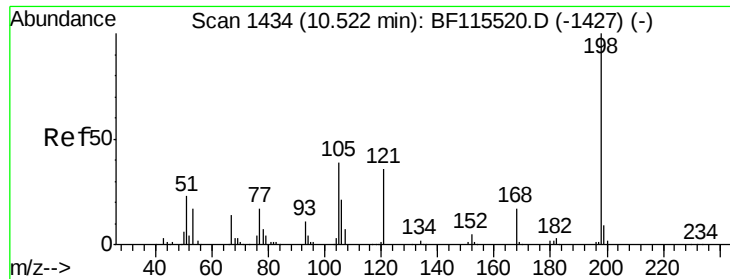
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.5	8.6	13.0





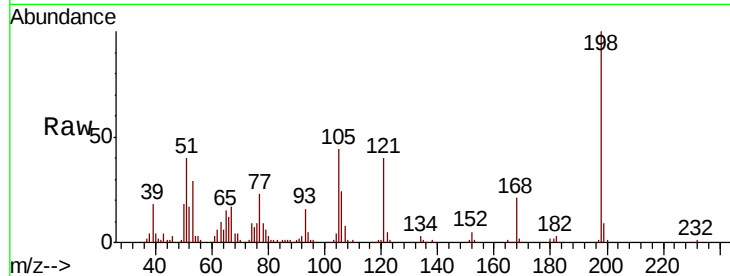
#65
4,6-Dinitro-2-methylphenol
Concen: 36.207 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	139264		
51	40.4	19.1	59.1	
105	43.6	23.6	63.6	

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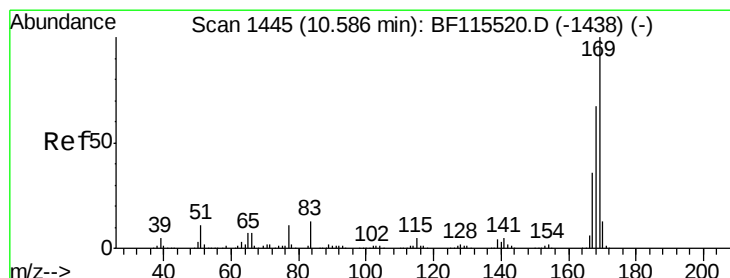
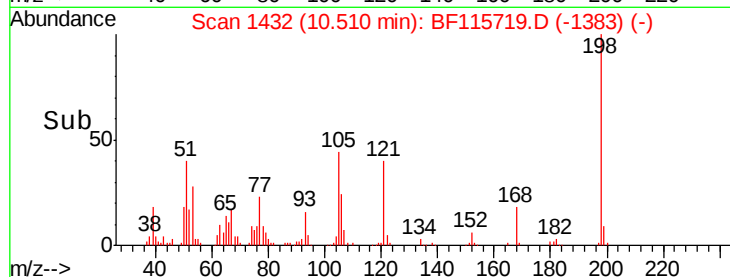
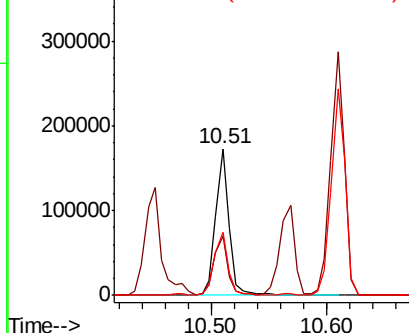


Abundance

Ion 198.00 (197.70 to 198.70): E

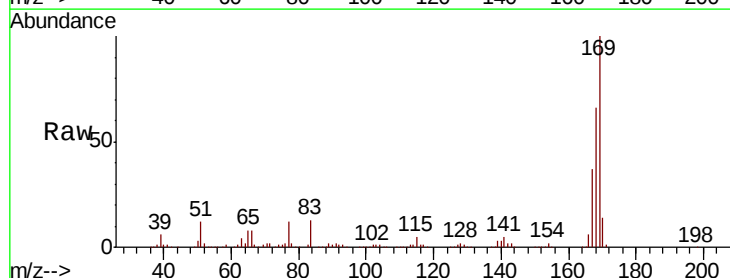
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.286 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	749759		
168	66.3	54.3	81.5	
167	36.6	30.2	45.2	

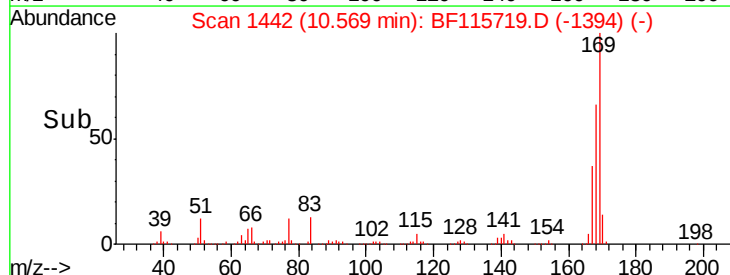
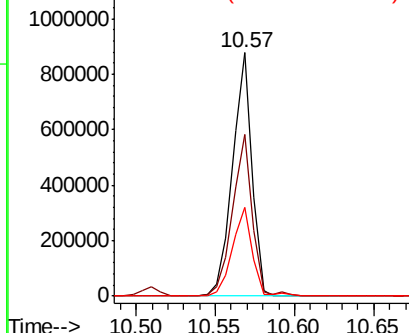


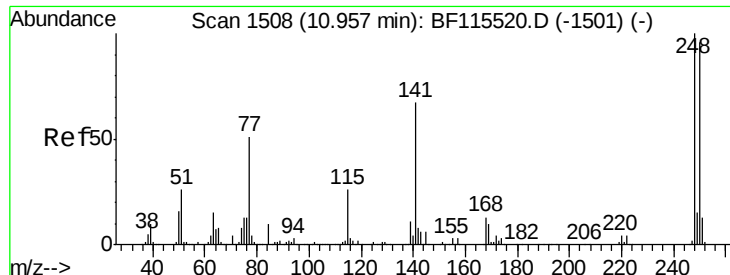
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





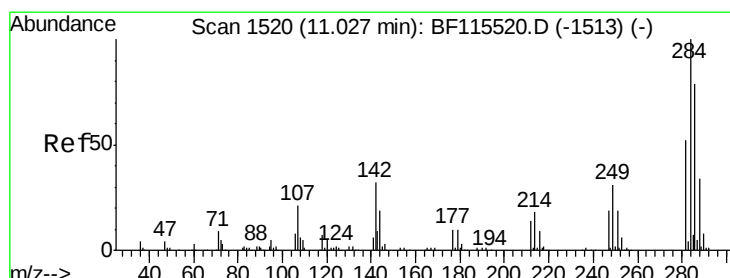
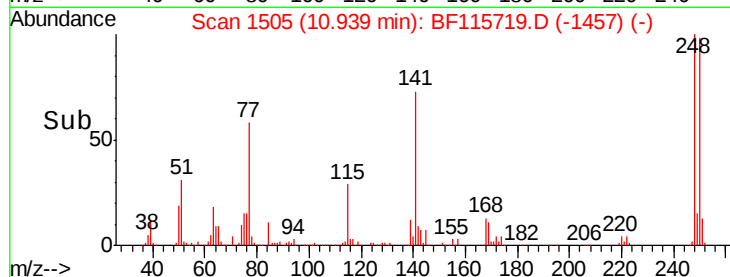
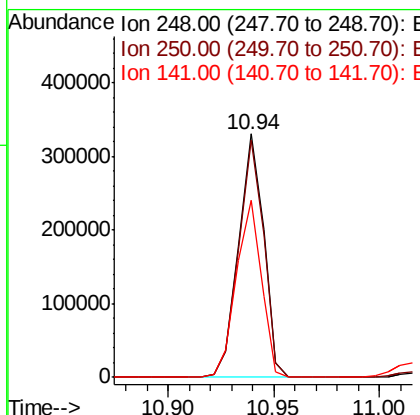
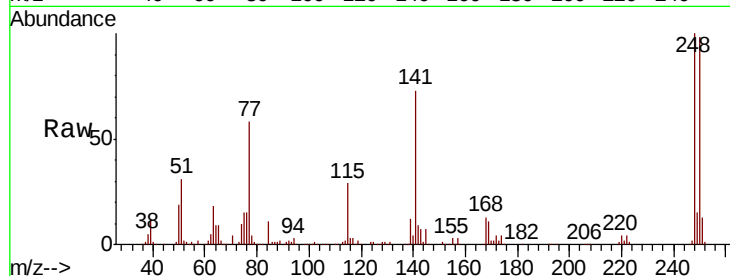
#67
4-Bromophenyl-phenylether
Concen: 37.738 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.0	117.0
141	72.6	57.7	86.5

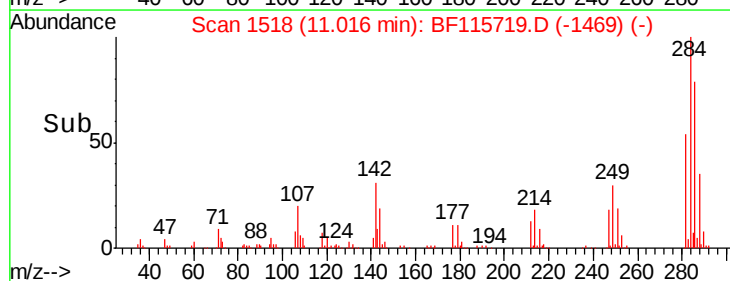
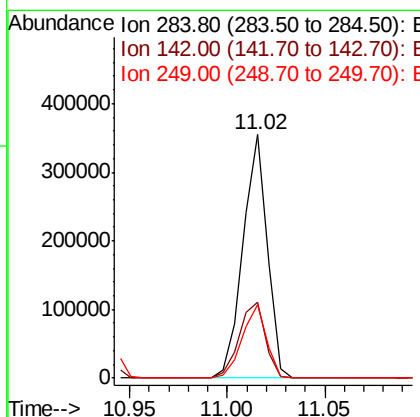
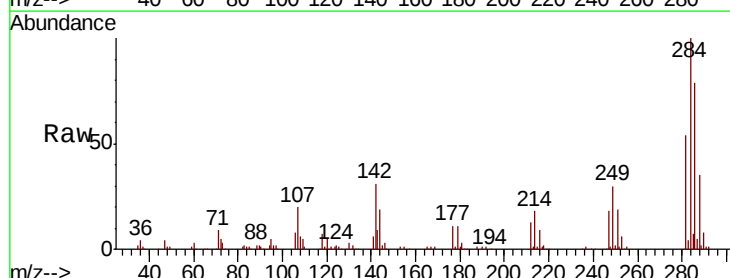
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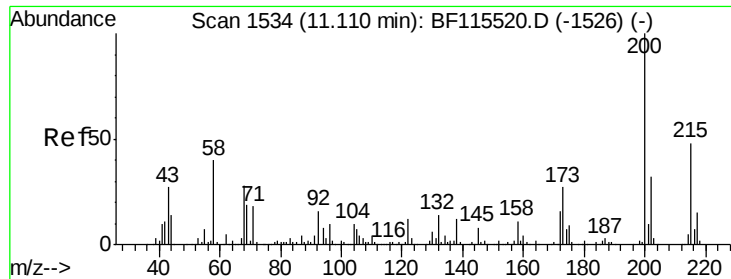
mohammad
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#68
Hexachlorobenzene
Concen: 37.363 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	22.2	33.2
249	30.4	23.4	35.2





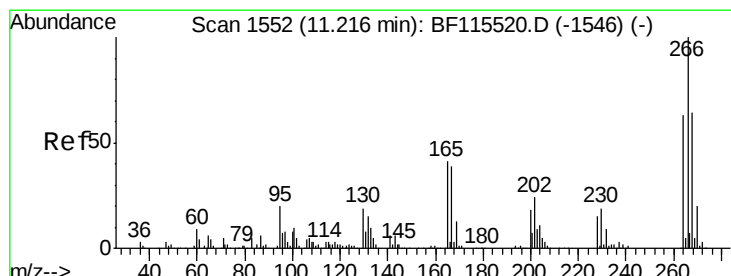
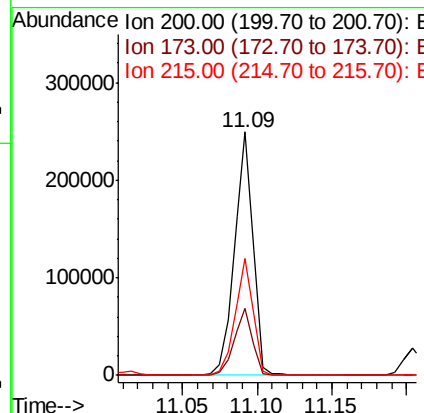
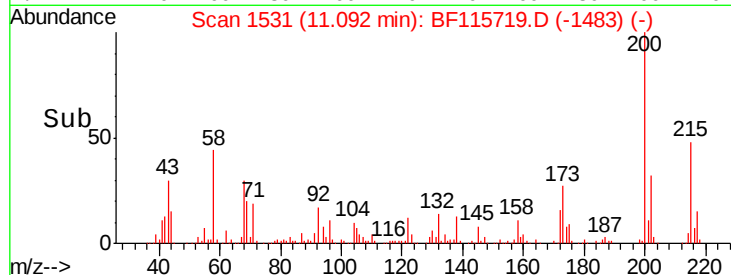
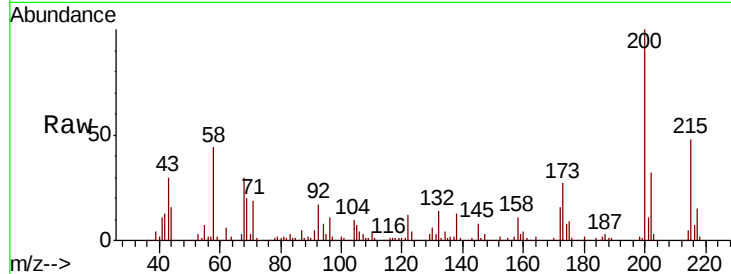
#69
Atrazine
Concen: 34.256 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	220070		
173	27.4	6.9	46.9	
215	47.9	27.9	67.9	

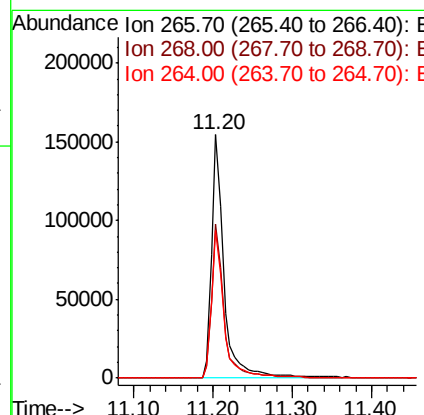
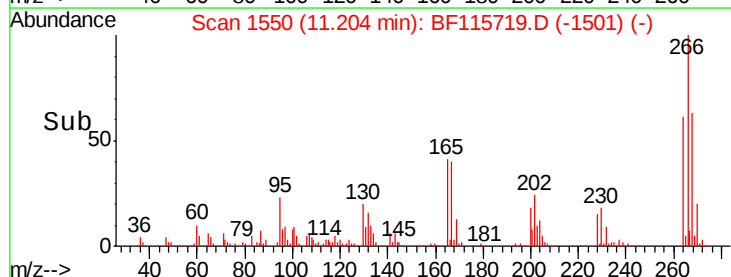
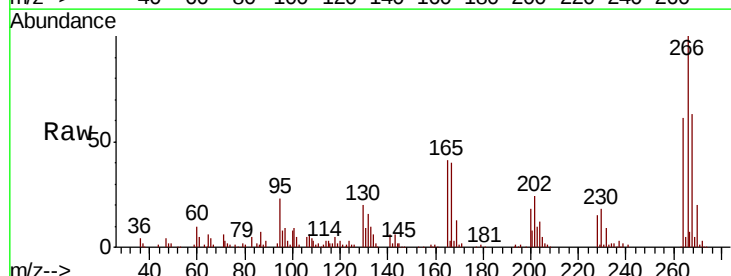
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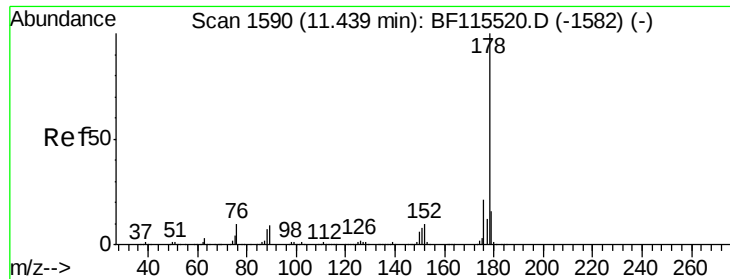
mohammad
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#70
Pentachlorophenol
Concen: 33.947 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	170586		
268	63.1	51.6	77.4	
264	60.6	50.6	76.0	





#71

Phenanthrene

Concen: 39.249 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1266559

Ion Ratio Lower Upper

178 100

176 20.4 17.2 25.8

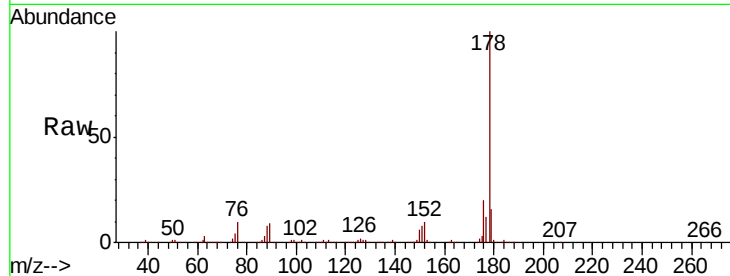
179 16.1 13.5 20.3

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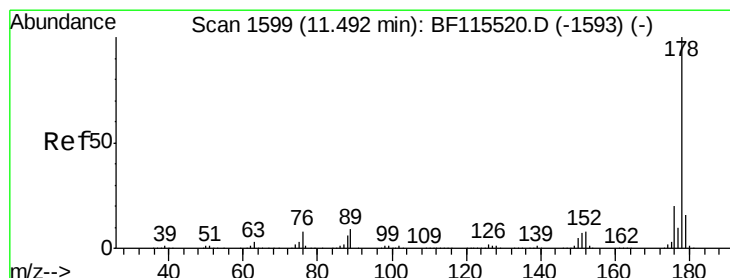
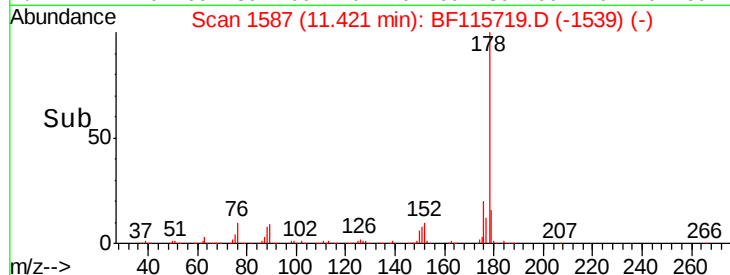
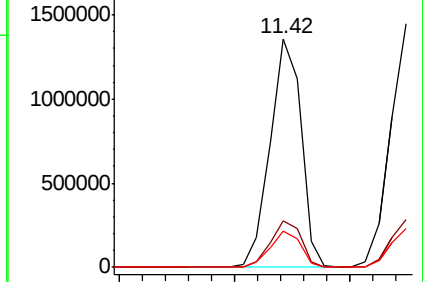
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.685 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:178 Resp: 1290151

Ion Ratio Lower Upper

178 100

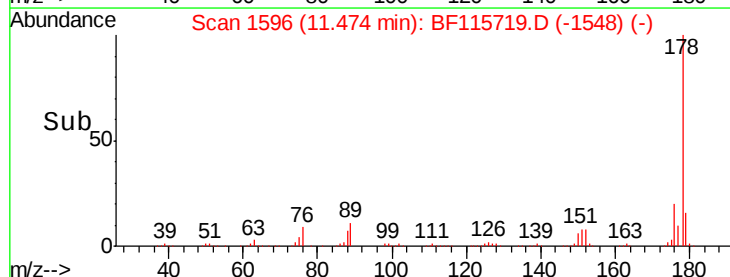
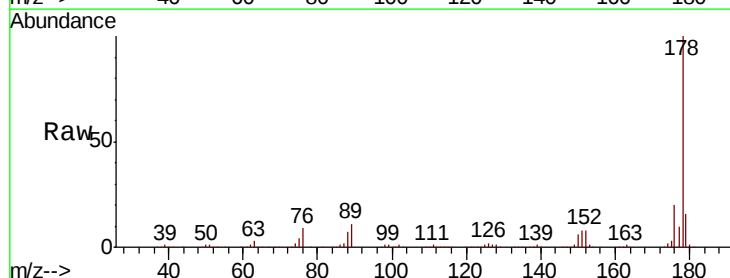
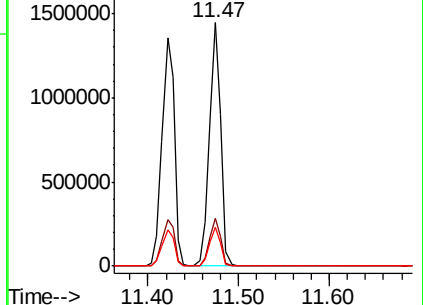
176 19.9 15.9 23.9

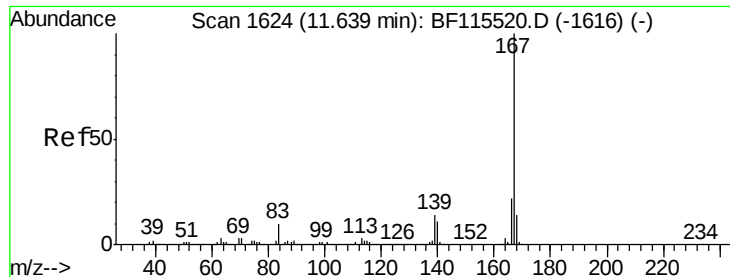
179 16.0 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





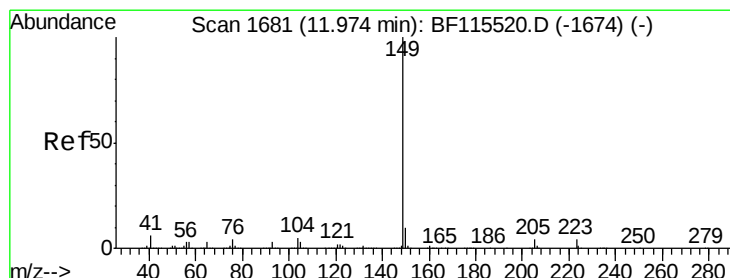
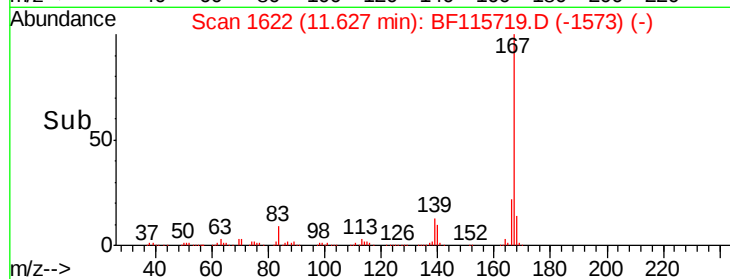
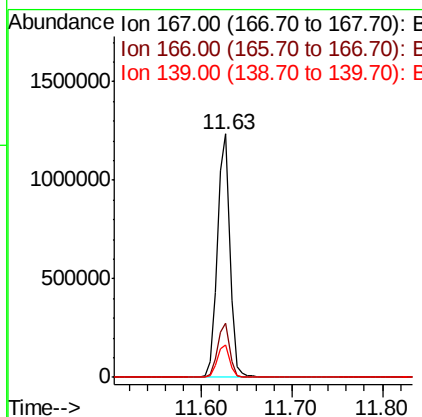
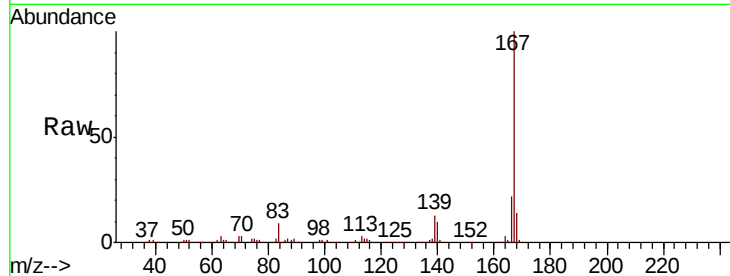
#73
 Carbazole
 Concen: 39.885 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.3	11.3	16.9

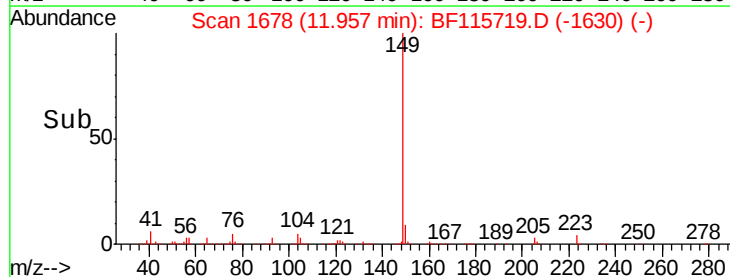
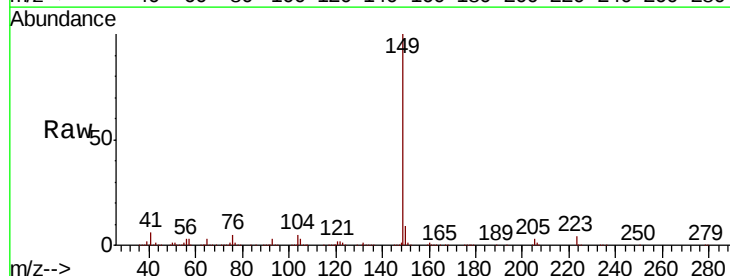
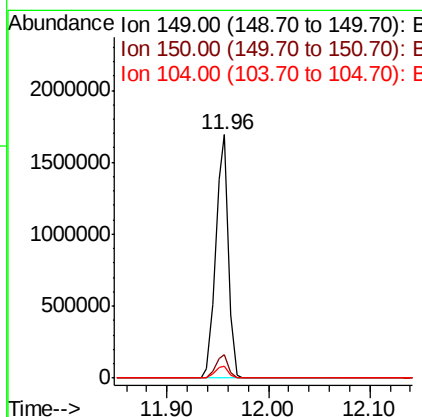
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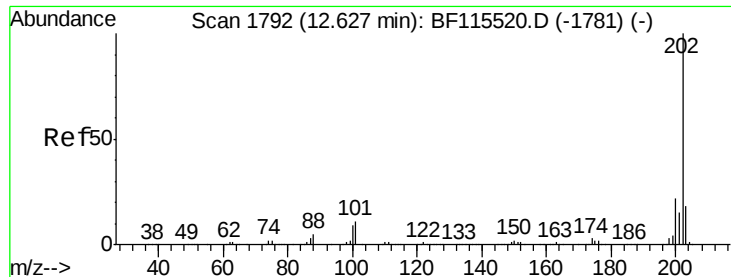
mohammad
 7/24/2019 11:34:49 AM



#74
 Di-n-butylphthalate
 Concen: 40.364 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.1	3.8	5.8





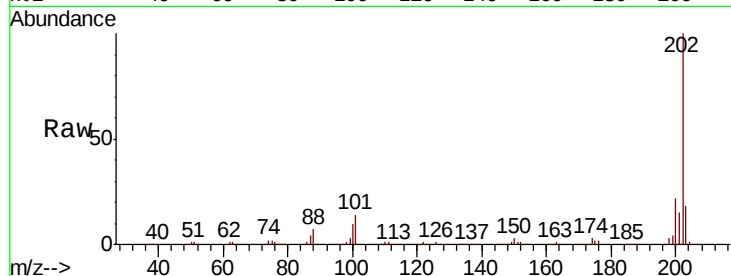
#75
Fluoranthene
Concen: 39.448 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

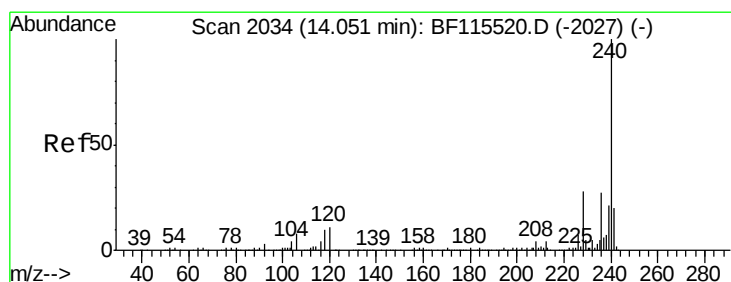
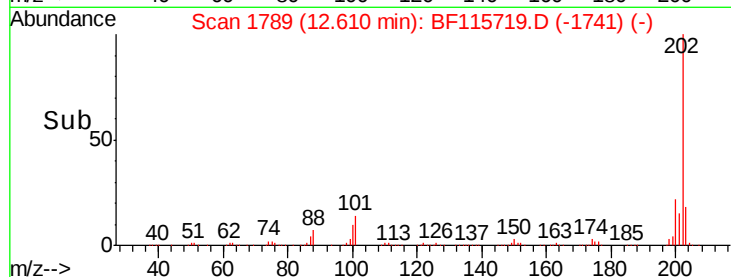
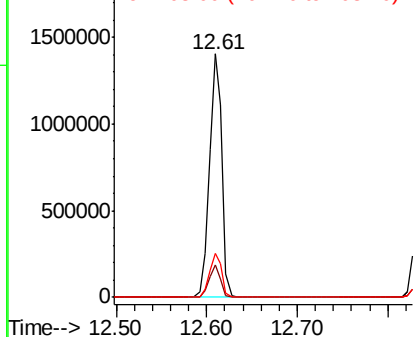
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.4
203	18.1	0.0	38.1

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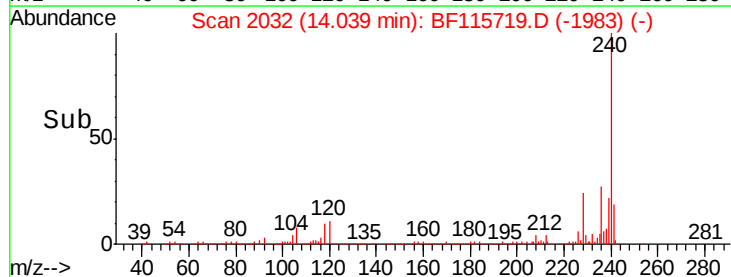
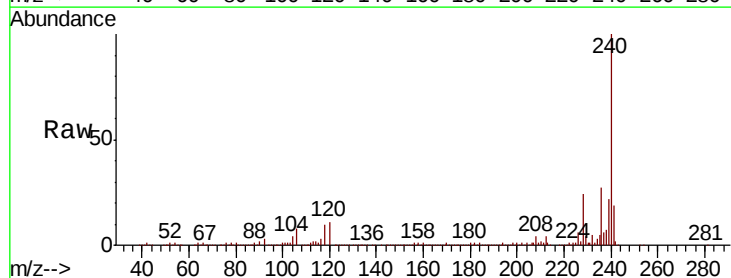
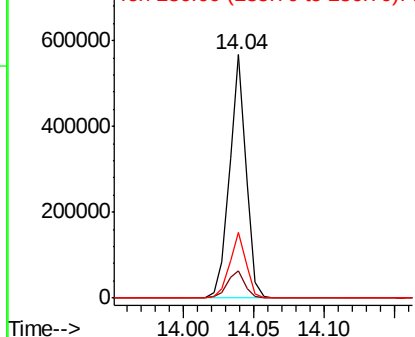
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	13.0
236	27.2	21.3	31.9

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





#77

Benzidine

Concen: 43.605 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

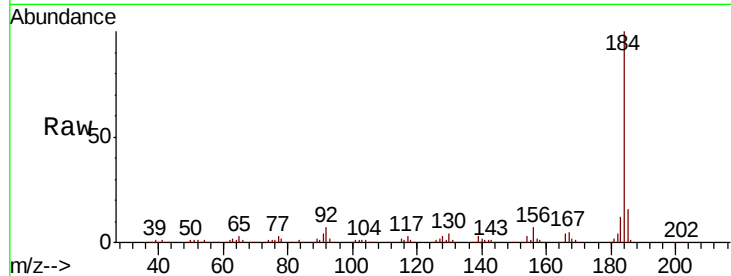
ClientSampleId :

SSTDCCC040

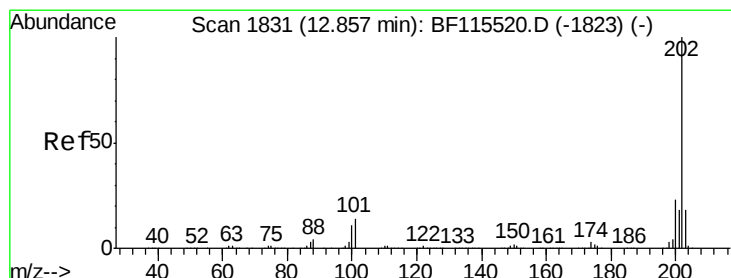
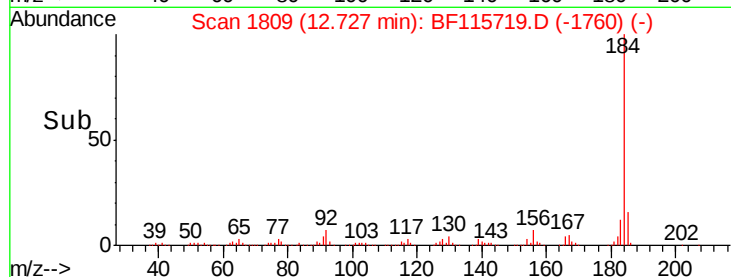
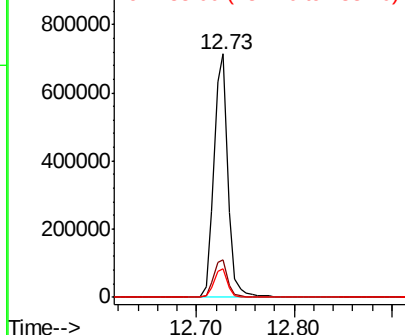
Tot Ion:	184	Resp:	710111
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.0	18.0
183	11.5	9.3	13.9

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



#78

Pyrene

Concen: 35.013 ng

RT: 12.84 min Scan# 1828

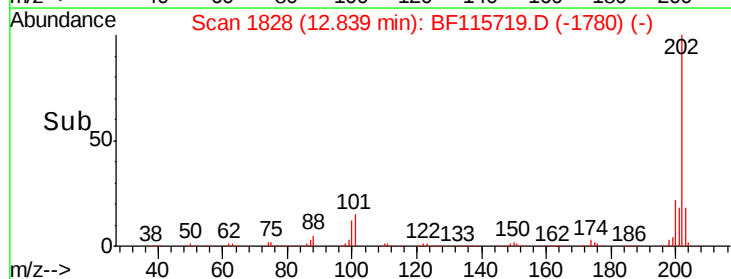
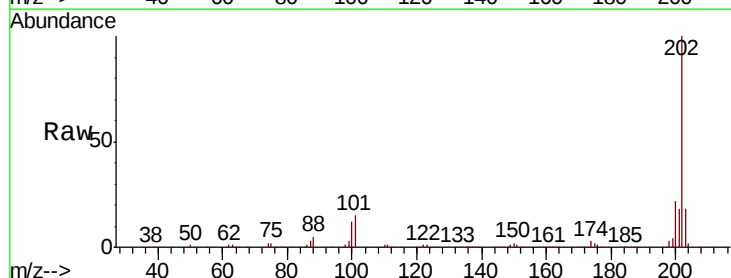
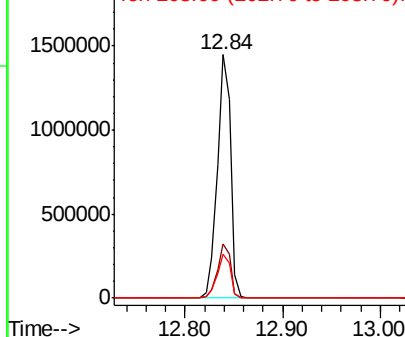
Delta R.T. -0.02 min

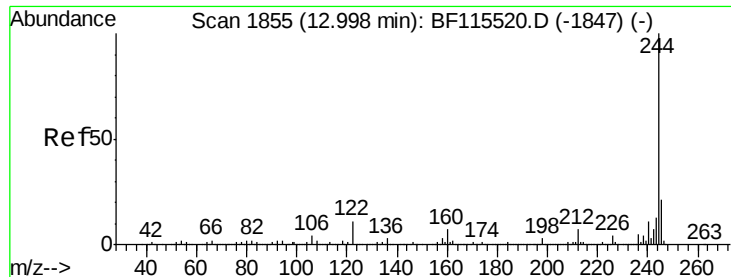
Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	202	Resp:	1363700
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.7	28.1
203	17.9	15.2	22.8

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





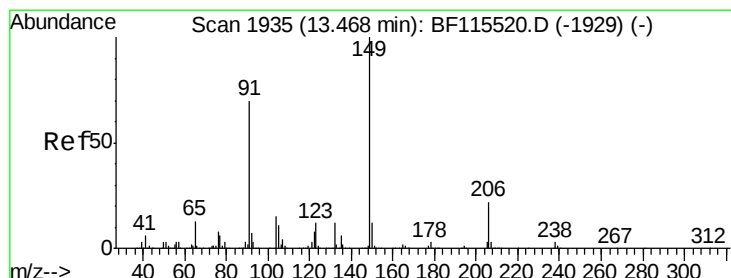
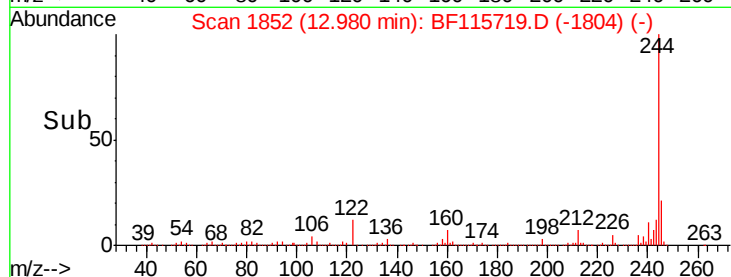
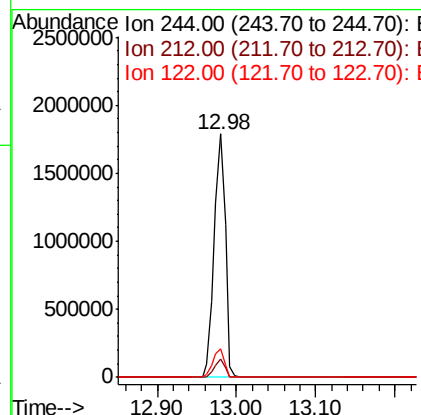
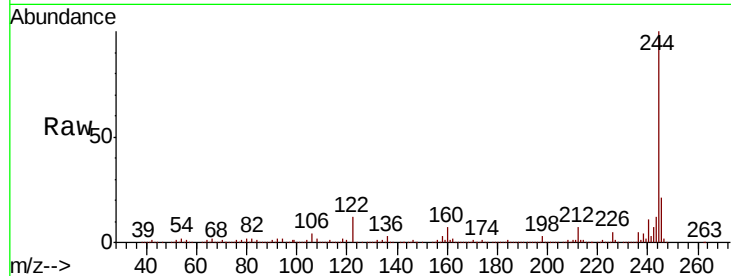
#79
 Terphenyl-d14
 Concen: 70.492 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1756246
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.8 8.6 12.8

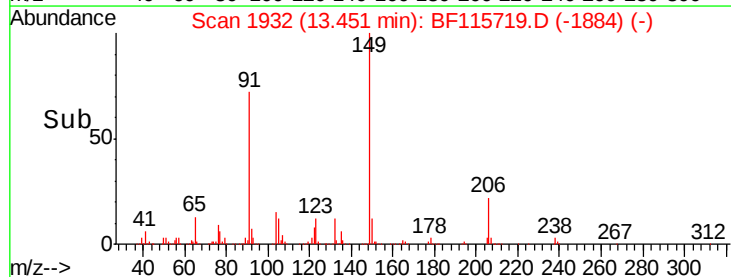
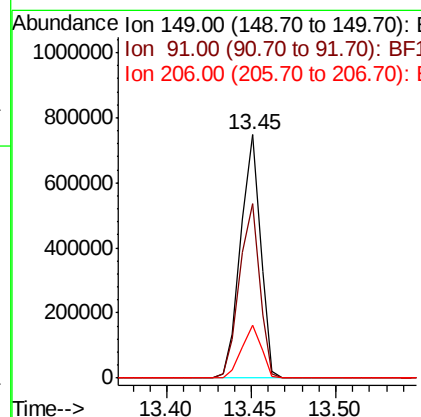
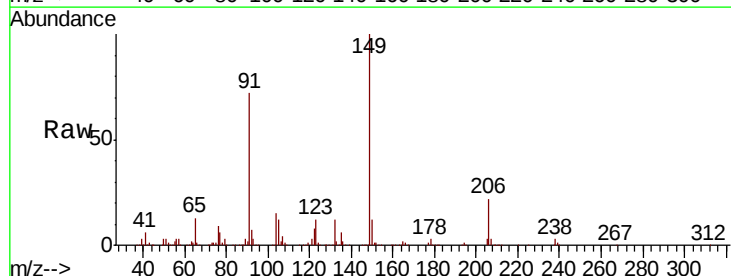
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#80
 Butylbenzylphthalate
 Concen: 37.016 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115719.D
 Acq: 23 Jul 2019 15:10

Tgt Ion:149 Resp: 614590
 Ion Ratio Lower Upper
 149 100
 91 71.7 55.8 83.8
 206 21.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 38.928 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1178952

Ion Ratio Lower Upper

228 100

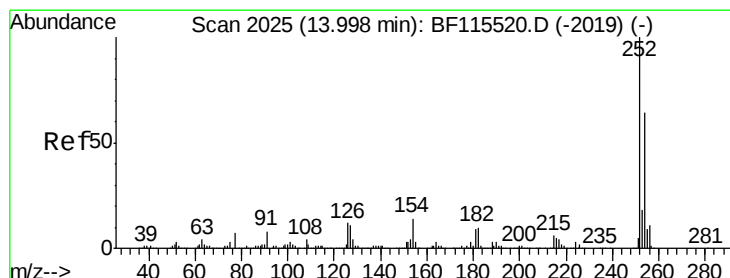
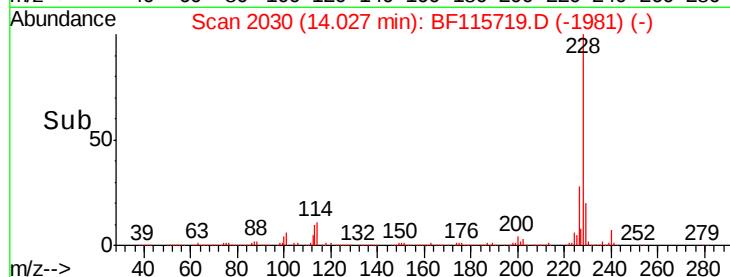
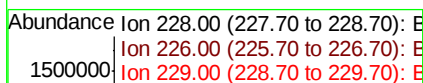
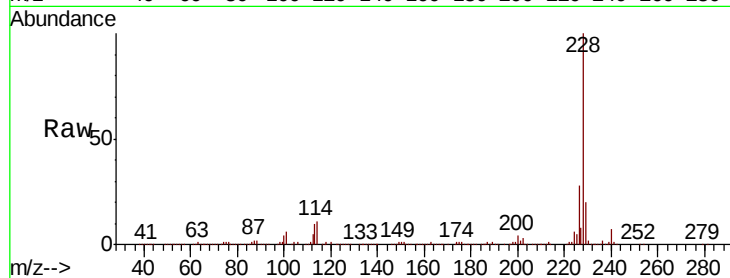
226 28.1 23.4 35.0

229 20.3 17.2 25.8

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#82

3,3'-Dichlorobenzidine

Concen: 39.584 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

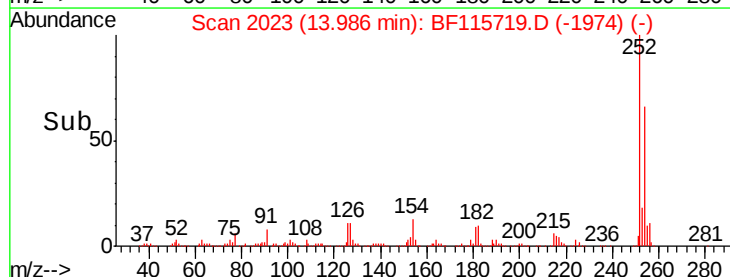
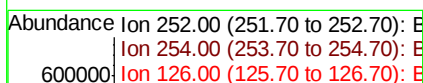
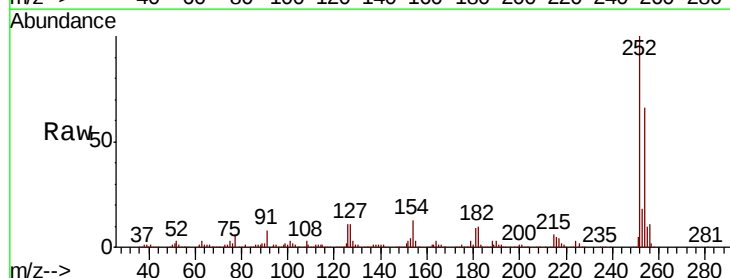
Tgt Ion:252 Resp: 426182

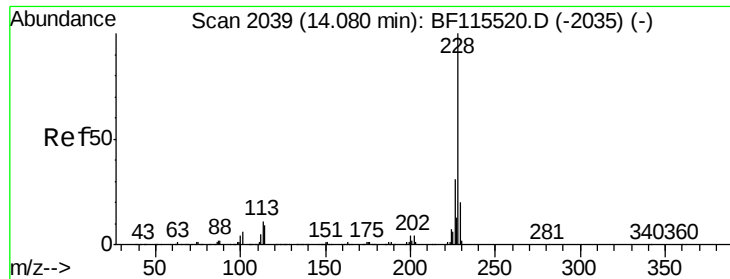
Ion Ratio Lower Upper

252 100

254 65.8 52.9 79.3

126 11.1 9.9 14.9





#83

Chrysene

Concen: 37.632 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1144126

Ion Ratio Lower Upper

228 100

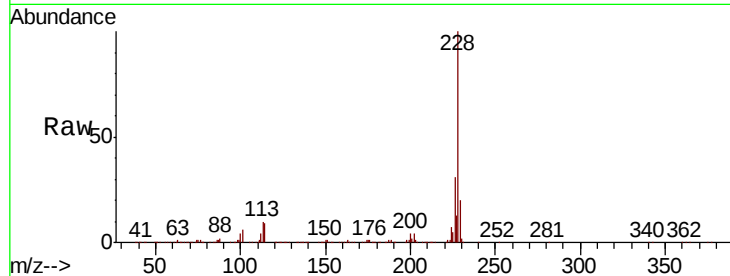
226 30.8 25.7 38.5

229 20.0 16.6 25.0

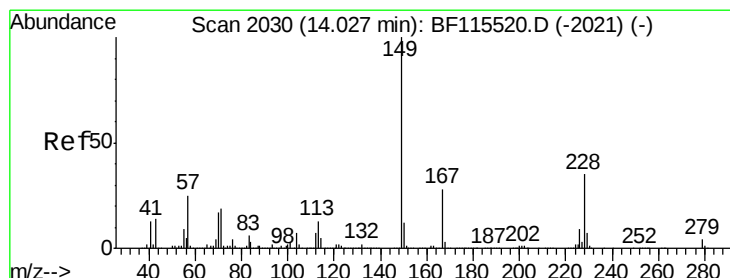
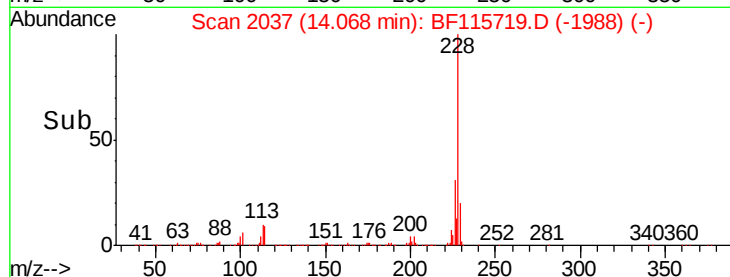
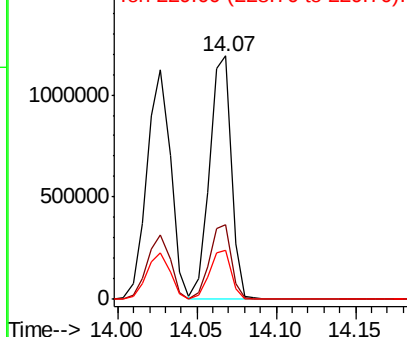
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.218 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

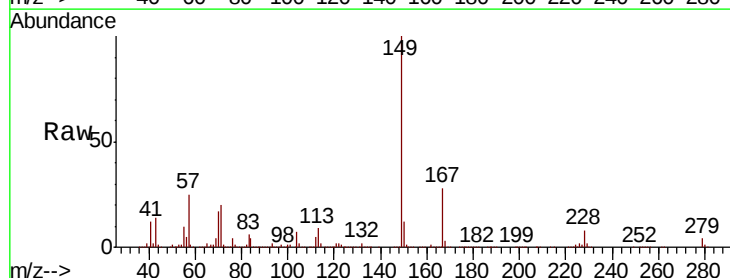
Tgt Ion:149 Resp: 847693

Ion Ratio Lower Upper

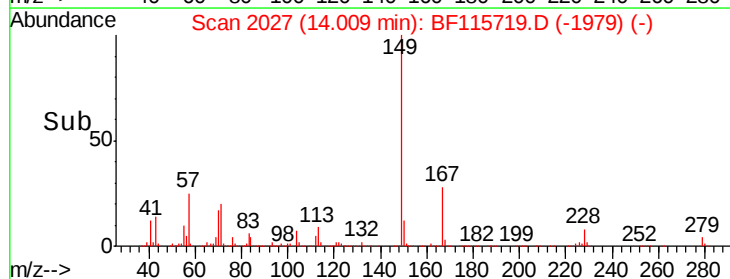
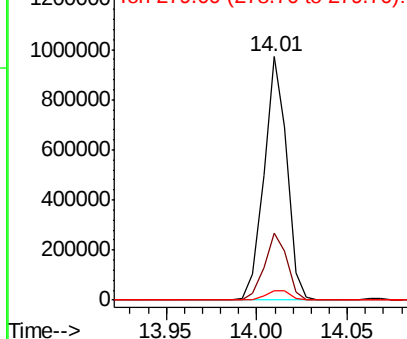
149 100

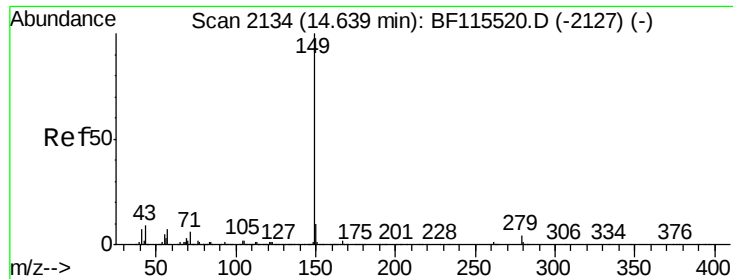
167 27.8 23.0 34.4

279 4.0 4.2 6.2#



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





#85

Di-n-octyl phthalate

Concen: 40.437 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Instrument :

BNA_F

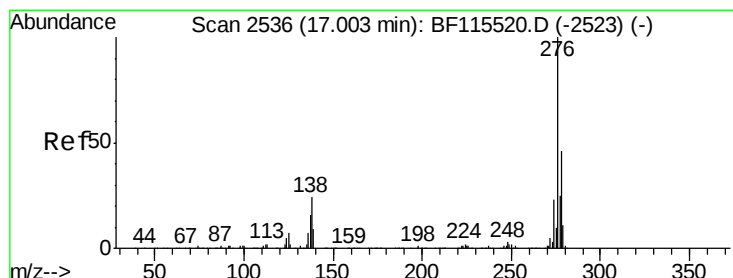
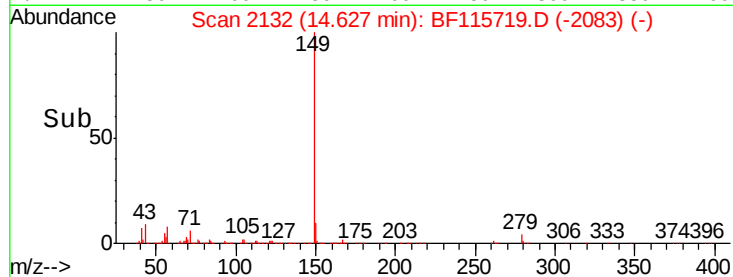
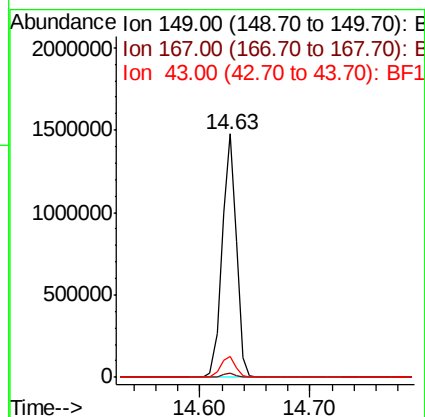
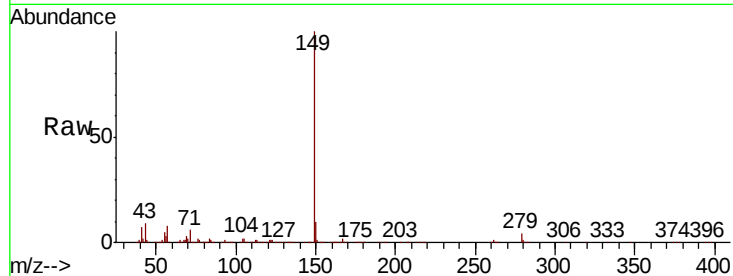
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1323214
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.2	7.2	10.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.829 ng

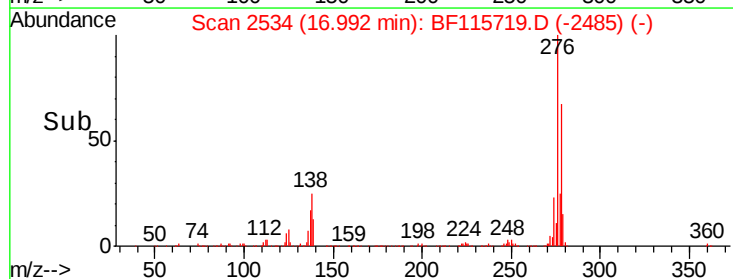
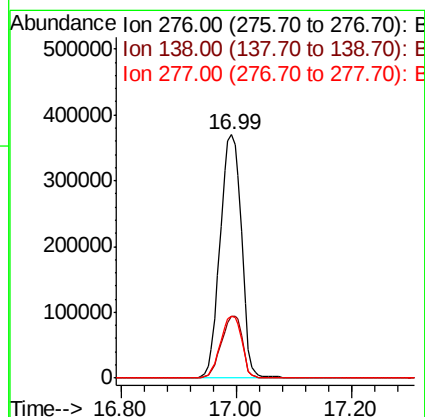
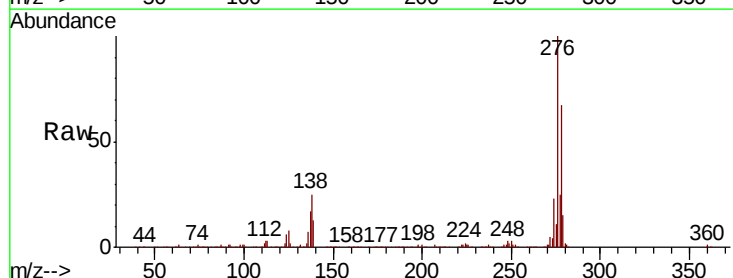
RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115719.D

Acq: 23 Jul 2019 15:10

Tgt Ion:	276	Resp:	951278
Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.2
277	25.5	20.4	30.6





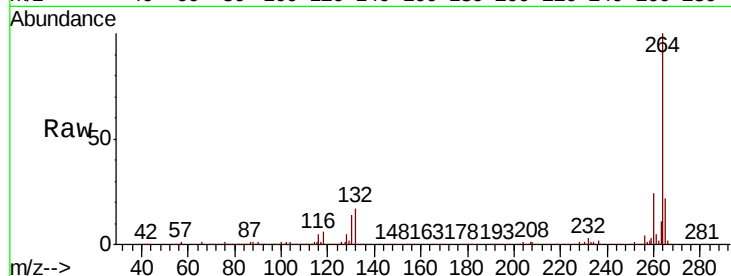
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.6	17.7	26.5

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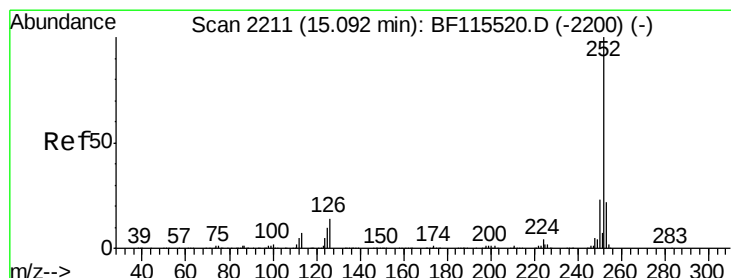
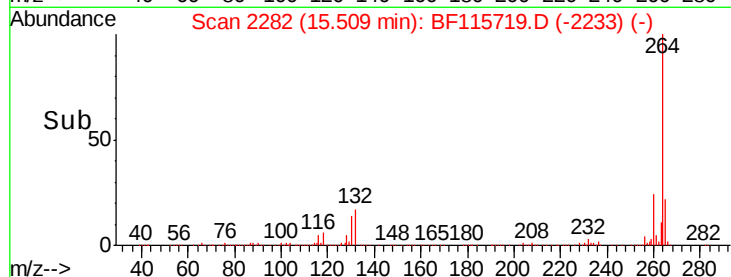
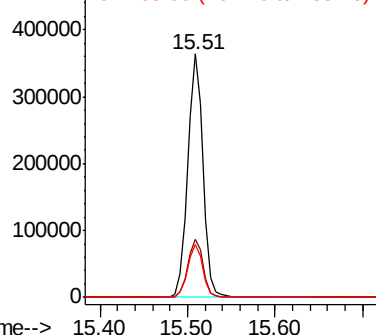


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.458 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

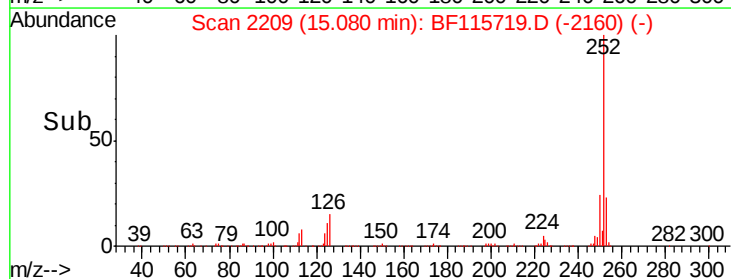
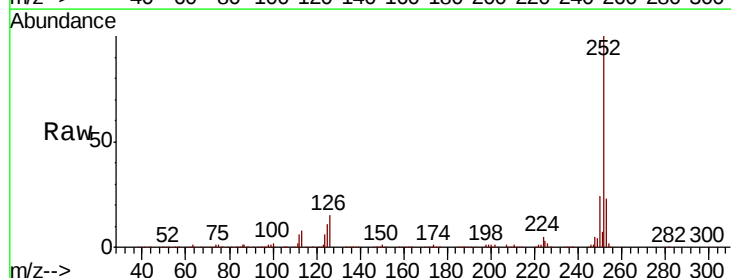
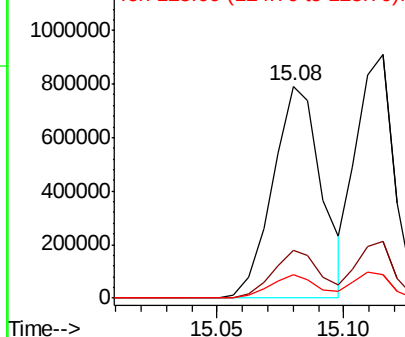
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.2	9.0	13.4

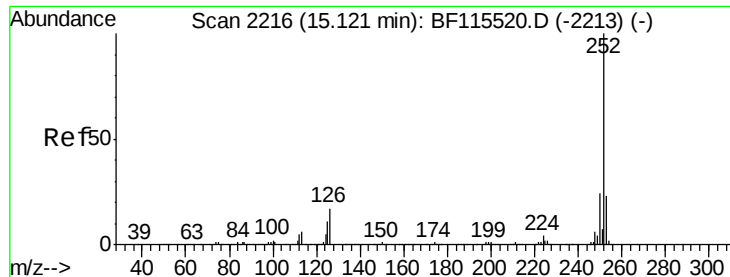
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





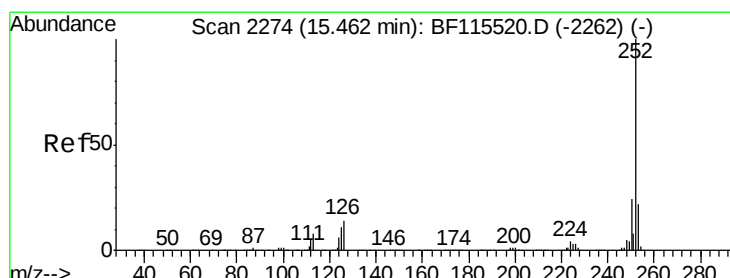
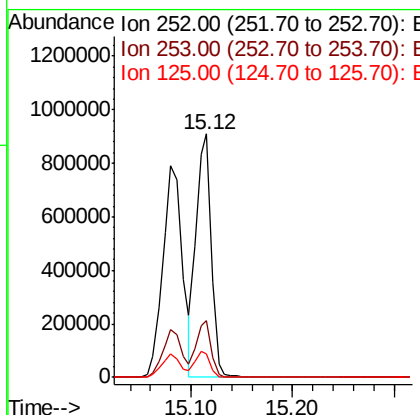
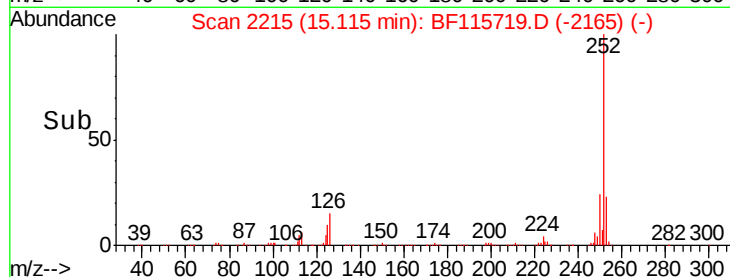
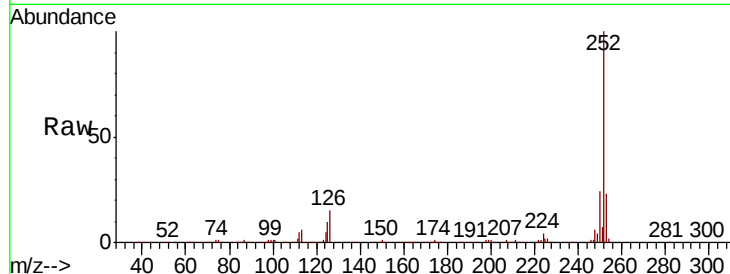
#89
Benzo(k)fluoranthene
Concen: 37.253 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	9.9	9.0	13.6

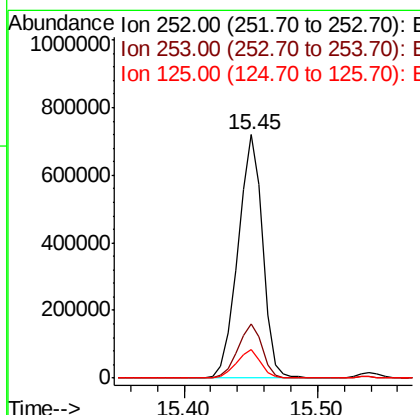
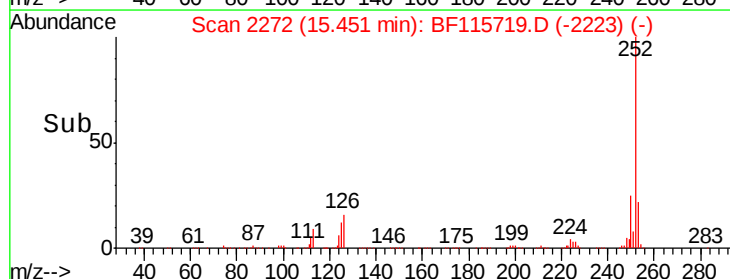
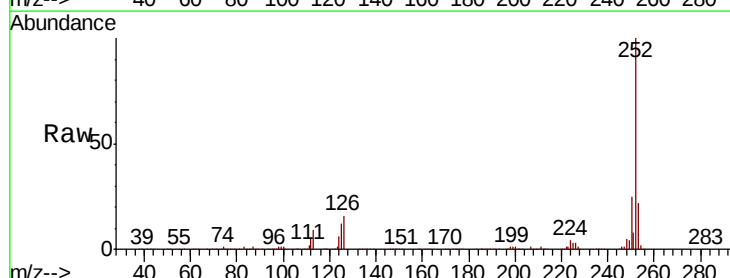
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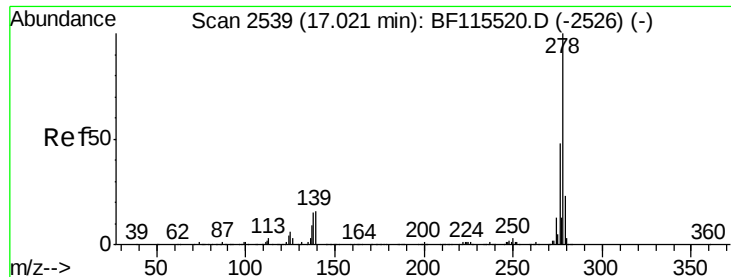
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#90
Benzo(a)pyrene
Concen: 37.547 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	9.1	13.7





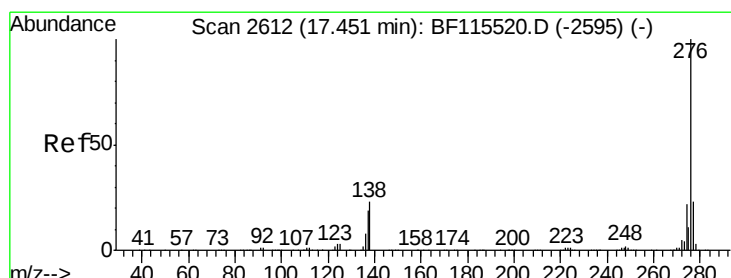
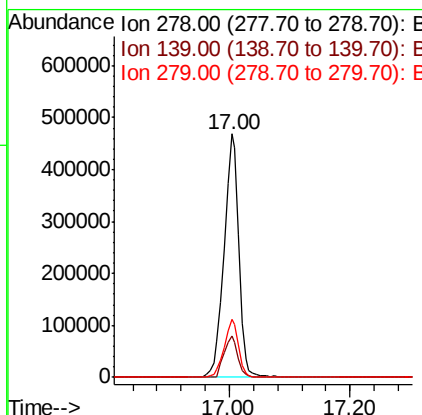
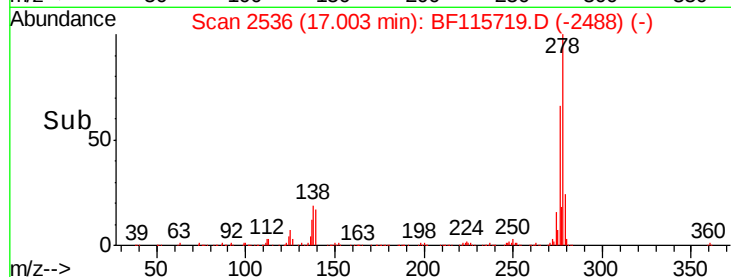
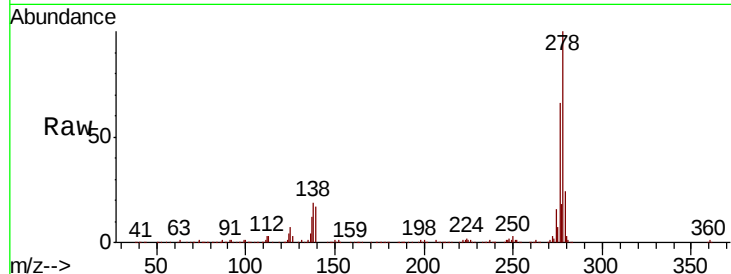
#91
Dibenzo(a,h)anthracene
Concen: 37.277 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.1	19.7
279	23.7	19.6	29.4

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#92
Benzo(g,h,i)perylene
Concen: 35.708 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115719.D
Acq: 23 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.6	17.2	25.8

