

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115723.D
 Acq On : 23 Jul 2019 17:02
 Operator : HP/JU
 Sample : PB121645BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:34:57 AM

Quant Time: Jul 24 05:28:25 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	181984	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	761817	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	387008	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	719822	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	495498	20.00	ng	-0.01
87) Perylene-d12	15.51	264	345841	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1241876	111.62	ng	0.00
7) Phenol-d6	6.51	99	1615420	114.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	1024989	78.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	480854	106.45	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1876840	84.88	ng	-0.02
79) Terphenyl-d14	12.98	244	1955556	72.82	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.74	88	202277	36.448	ng	97
3) Pyridine	3.49	79	444977	29.553	ng	97
4) n-Nitrosodimethylamine	3.43	42	213804	39.142	ng	94
6) Aniline	6.53	93	480049	24.435	ng	97
8) 2-Chlorophenol	6.66	128	501260	39.187	ng	99
9) Benzaldehyde	6.42	77	184095	20.868	ng	97
10) Phenol	6.52	94	628280	38.337	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	487158	39.044	ng	100
12) 1,3-Dichlorobenzene	6.82	146	517490	35.983	ng	99
13) 1,4-Dichlorobenzene	6.89	146	527778	36.781	ng	97
14) 1,2-Dichlorobenzene	7.05	146	492725	37.563	ng	97
15) Benzyl Alcohol	7.02	79	420800	37.575	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	669321	40.746	ng	100
17) 2-Methylphenol	7.13	107	456695	41.429	ng	98
18) Hexachloroethane	7.39	117	195467	36.700	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	354841	38.540	ng	96
20) 3+4-Methylphenols	7.28	107	520676	39.765	ng	91
22) Acetophenone	7.28	105	693102	40.272	ng	# 99
24) Nitrobenzene	7.45	77	564866	39.973	ng	94
25) Isophorone	7.69	82	1042211	39.754	ng	98
26) 2-Nitrophenol	7.77	139	292528	40.218	ng	97
27) 2,4-Dimethylphenol	7.81	122	476525	43.786	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	639226	39.745	ng	99
29) 2,4-Dichlorophenol	8.02	162	459321	40.582	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	486668	38.039	ng	97
31) Naphthalene	8.17	128	1486986	40.303	ng	97
32) Benzoic acid	7.95	122	338253	37.872	ng	98
33) 4-Chloroaniline	8.22	127	407789	24.953	ng	98
34) Hexachlorobutadiene	8.30	225	275630	37.568	ng	99
35) Caprolactam	8.59	113	138659m	39.645	ng	
36) 4-Chloro-3-methylphenol	8.71	107	476608	40.595	ng	98
37) 2-Methylnaphthalene	8.87	142	1011773	41.370	ng	98
38) 1-Methylnaphthalene	8.97	142	950693	40.926	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	462217	39.661	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	314864	47.362	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	319569	37.497	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	337119	38.625	nq	99
46) 1,1'-Biphenyl	9.33	154	1228176	40.593	nq	99
47) 2-Chloronaphthalene	9.36	162	968436	38.441	nq	98
48) 2-Nitroaniline	9.45	65	296311	38.001	nq	99
49) Acenaphthylene	9.77	152	1447110	38.766	nq	98
50) Dimethylphthalate	9.63	163	1126412	38.685	nq	99
51) 2,6-Dinitrotoluene	9.69	165	256514	38.765	nq	95
52) Acenaphthene	9.95	154	884796	36.713	nq	100
53) 3-Nitroaniline	9.86	138	199839	26.428	nq	96
54) 2,4-Dinitrophenol	9.97	184	262307	77.210	nq	99
55) Dibenzofuran	10.12	168	1311289	38.313	nq	99
56) 4-Nitrophenol	10.03	139	403871	70.041	nq	95
57) 2,4-Dinitrotoluene	10.10	165	339015	39.545	nq	97
58) Fluorene	10.46	166	972815	39.760	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	290529	39.819	nq	98
60) Diethylphthalate	10.33	149	1082518	39.679	nq	98
61) 4-Chlorophenyl-phenylether	10.45	204	504930	37.214	nq	98
62) 4-Nitroaniline	10.48	138	252510	34.813	nq	98
63) Azobenzene	10.61	77	1087474	41.095	nq	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	172787	39.289	nq	91
66) n-Nitrosodiphenylamine	10.57	169	903521	40.352	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	316826	38.516	nq	99
68) Hexachlorobenzene	11.02	284	352848	37.561	nq	96
69) Atrazine	11.09	200	239228	32.568	nq	98
70) Pentachlorophenol	11.21	266	392470	68.309	nq	99
71) Phenanthrene	11.42	178	1451692	39.344	nq	98
72) Anthracene	11.47	178	1472091	38.605	nq	100
73) Carbazole	11.63	167	1318172	39.420	nq	99
74) Di-n-butylphthalate	11.96	149	1638697	39.785	nq	99
75) Fluoranthene	12.61	202	1509191	38.706	nq	98
77) Benzidine	12.72	184	275924	15.719	nq	100
78) Pyrene	12.84	202	1533757	36.535	nq	99
80) Butylbenzylphthalate	13.45	149	698752	39.045	nq	98
81) Benzo(a)anthracene	14.03	228	1258012	38.538	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	388860	33.509	nq	96
83) Chrysene	14.06	228	1249972	38.144	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	958630	43.245	nq	99
85) Di-n-octyl phthalate	14.63	149	1524104	43.212	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1056834	37.960	nq	99
88) Benzo(b)fluoranthene	15.08	252	1200165	53.893	nq	100
89) Benzo(k)fluoranthene	15.11	252	1002448	50.490	nq	99
90) Benzo(a)pyrene	15.45	252	1008283	52.679	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	892486	53.114	nq	98
92) Benzo(g,h,i)perylene	17.44	276	896075	53.471	nq	99

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

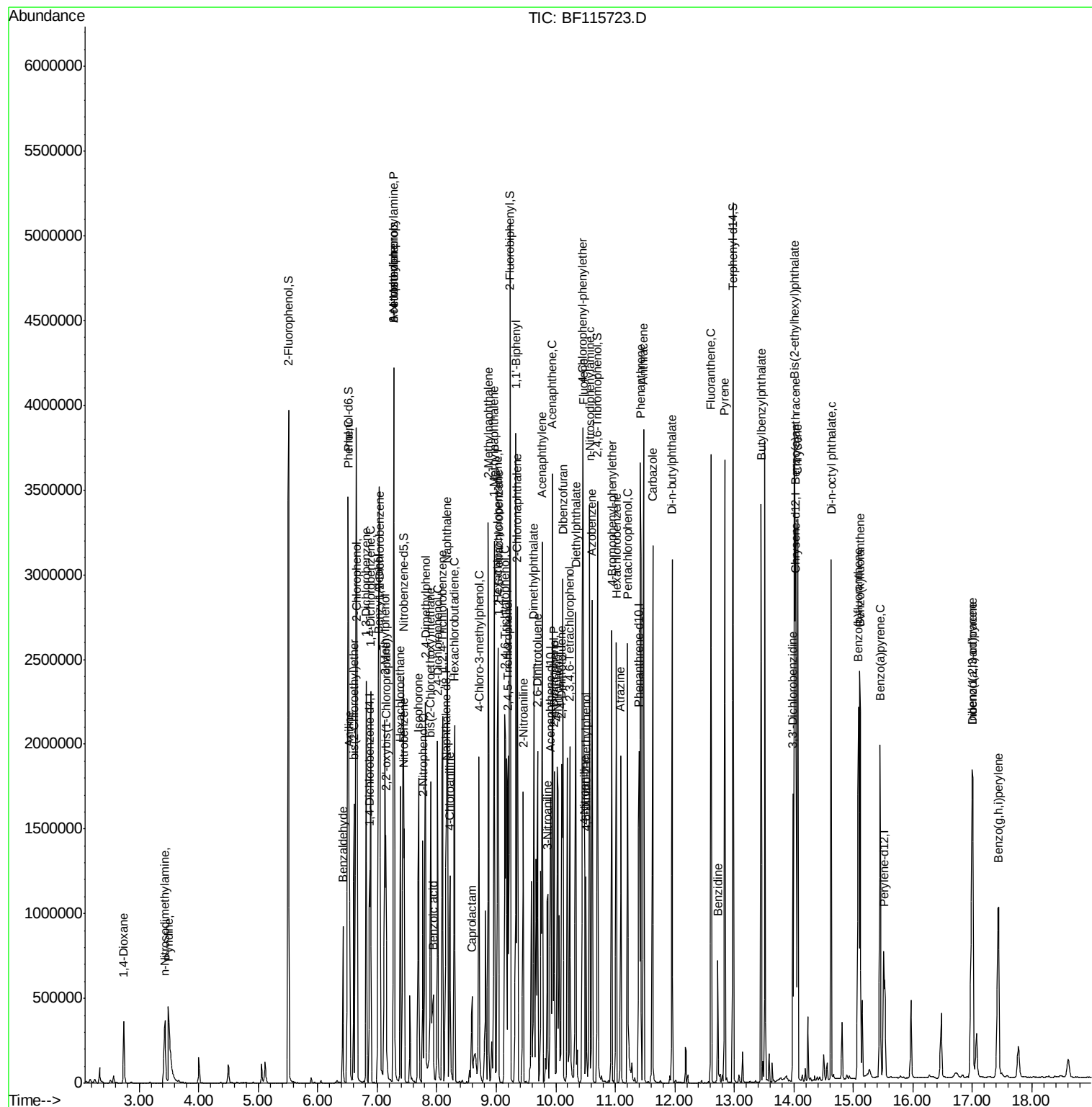
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
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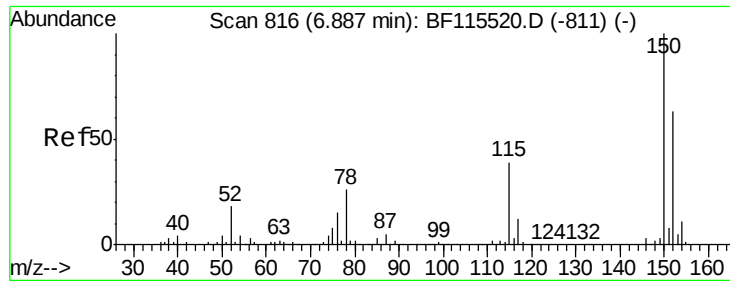
Instrument :
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#1

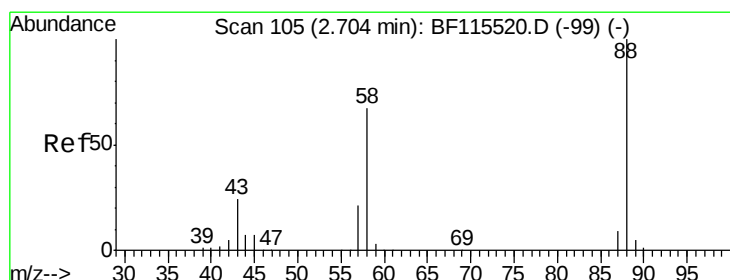
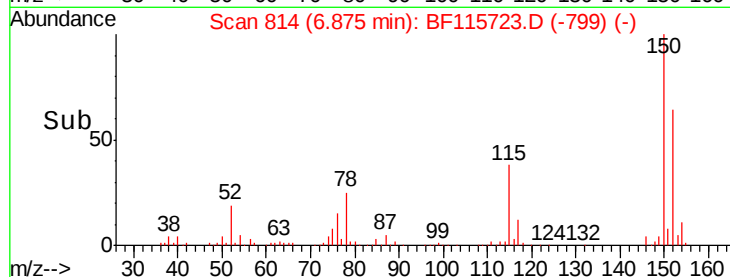
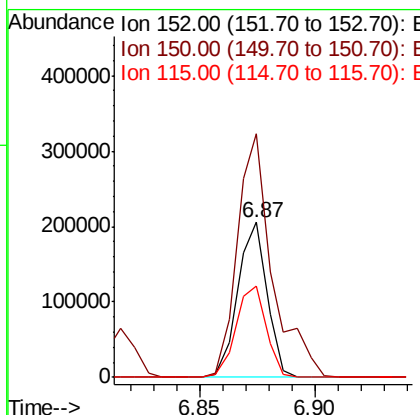
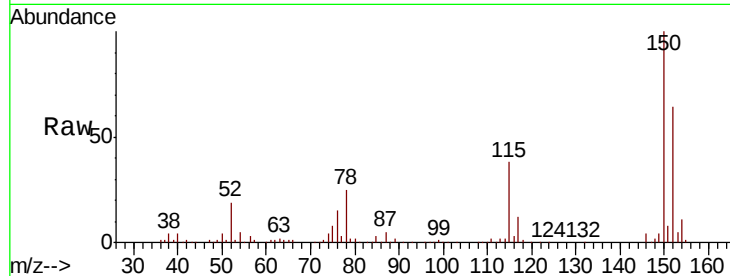
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	129.7	194.5
115	58.9	48.2	72.4

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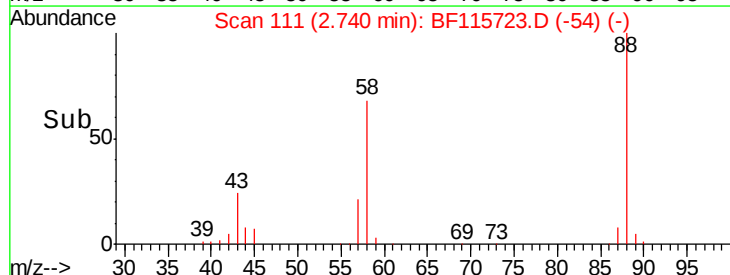
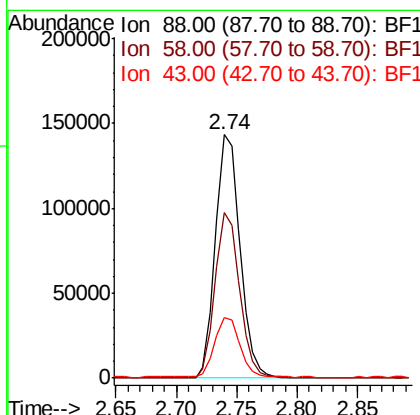
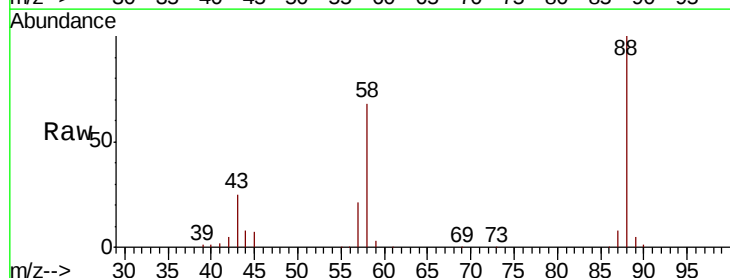
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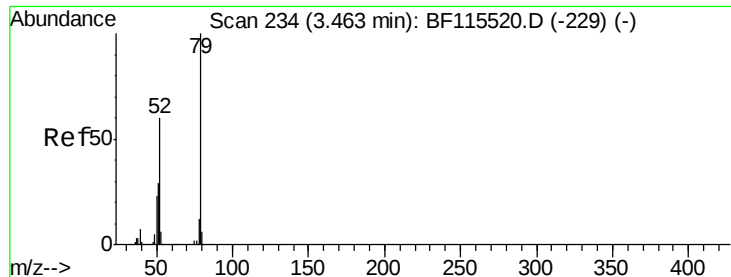


#2

1,4-Dioxane
Concen: 36.448 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.04 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	52.6	79.0
43	25.6	19.1	28.7





#3

Pvridine

Concen: 29.553 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.03 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

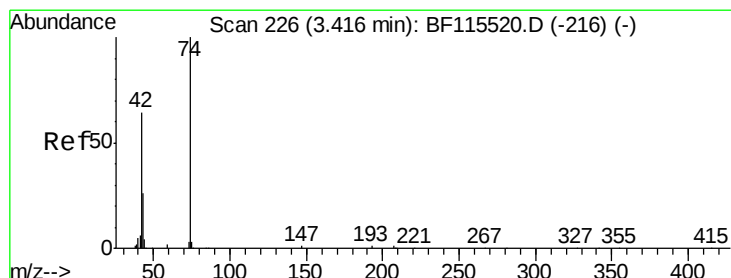
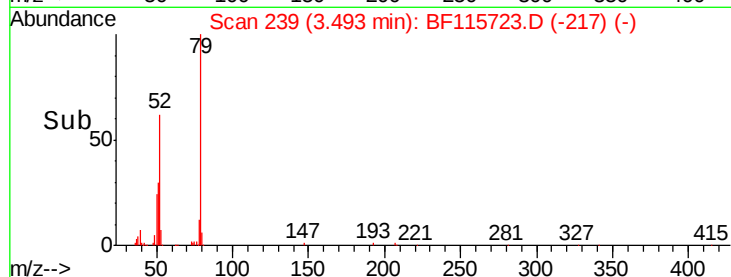
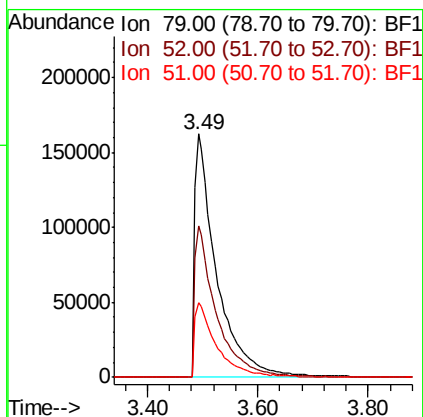
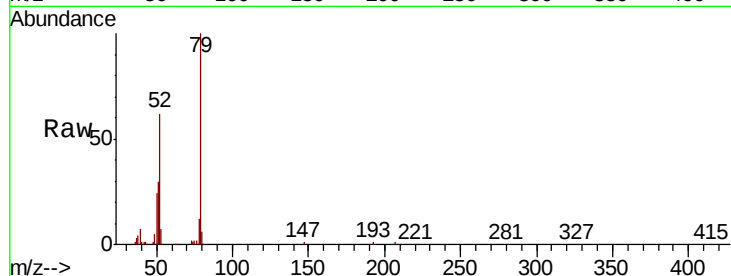
ClientSampleId :

PB121645BSD

Tot Ion:	79	Resp:	444977
Ion Ratio	Lower	Upper	
79	100		
52	62.3	47.8	71.6
51	30.4	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 39.142 ng

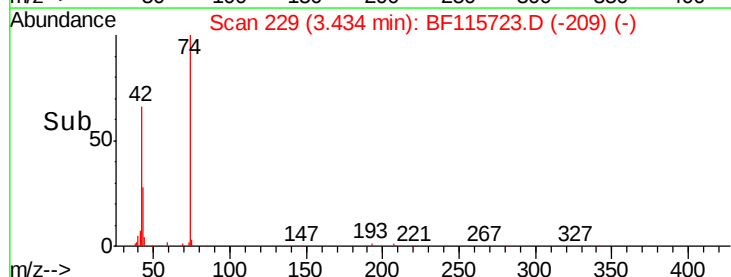
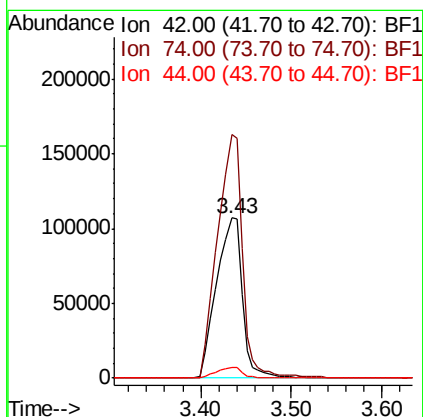
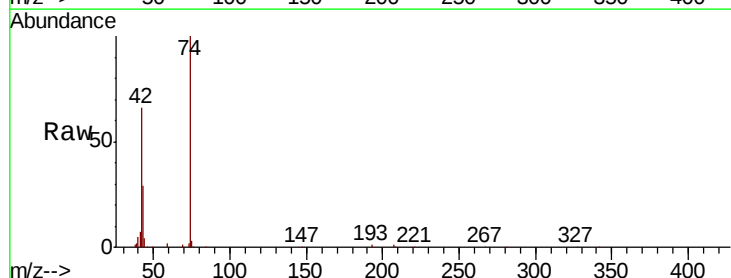
RT: 3.43 min Scan# 229

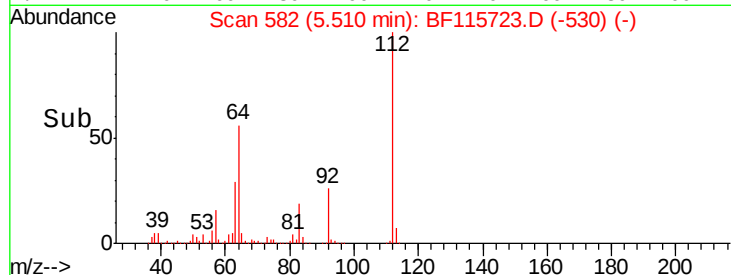
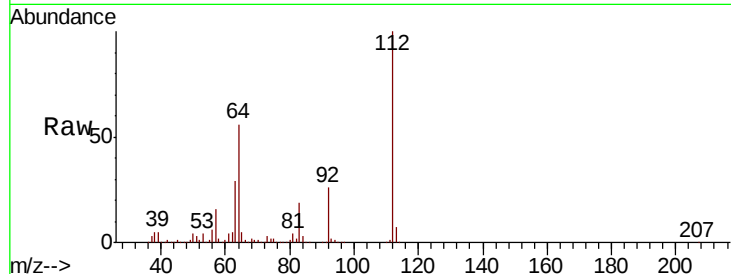
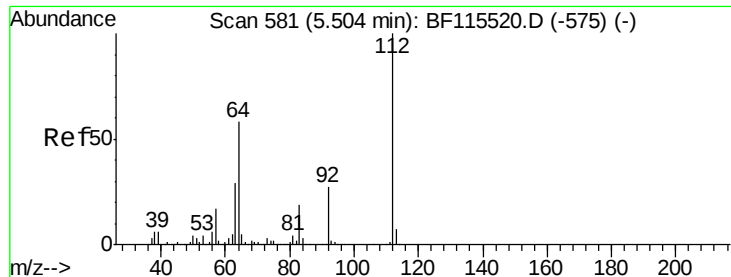
Delta R.T. 0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Tgt Ion:	42	Resp:	213804
Ion Ratio	Lower	Upper	
42	100		
74	151.9	127.5	191.3
44	6.7	5.0	7.6





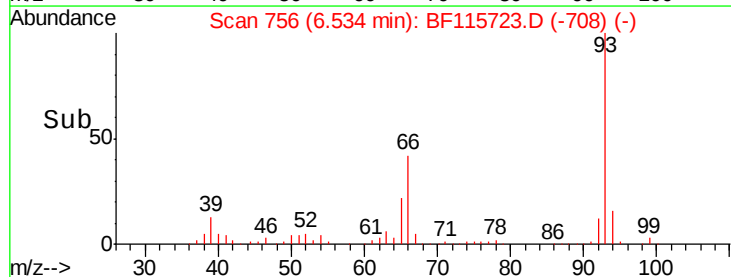
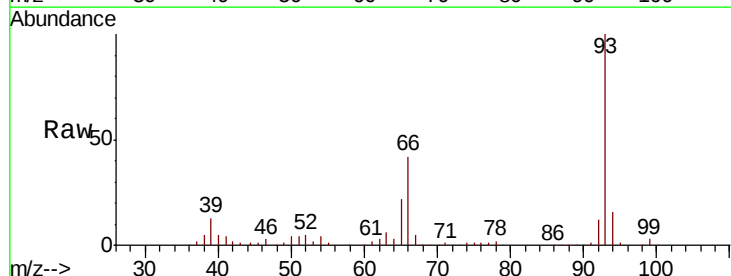
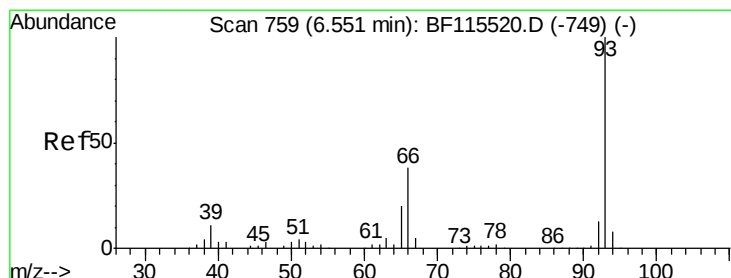
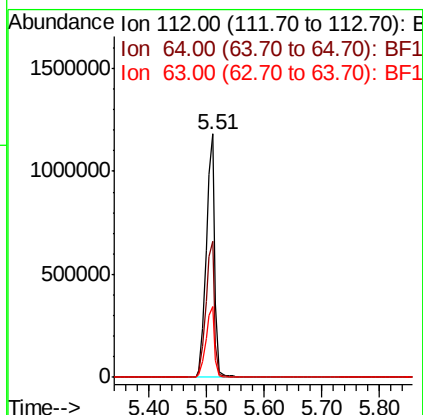
#5
2-Fluorophenol
Concen: 111.622 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tot Ion: 112 Resp: 1241876
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 28.9 24.1 36.1

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

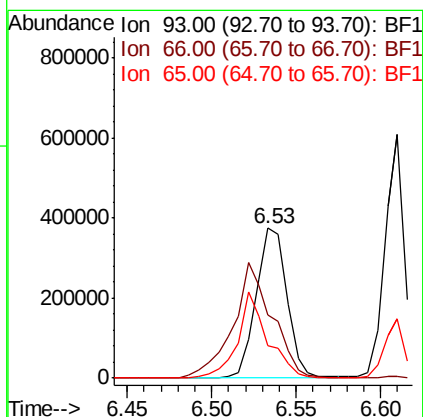
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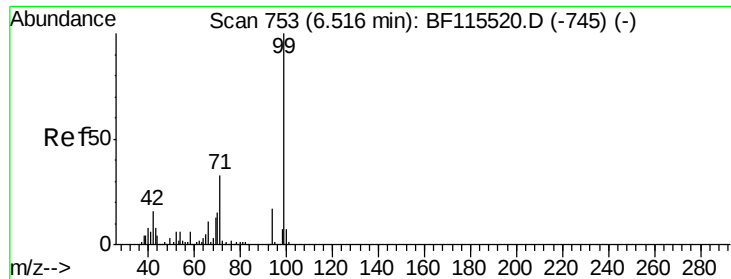
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#6
Aniline
Concen: 24.435 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion: 93 Resp: 480049
Ion Ratio Lower Upper
93 100
66 41.7 31.7 47.5
65 21.8 16.2 24.2





#7

Phenol-d6

Concen: 114.429 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB121645BSD

Tot Ion: 99 Resp: 1615420

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

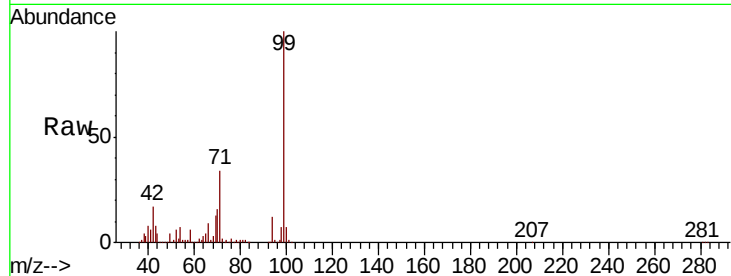
71 34.2 28.5 42.7

Manual Integrations

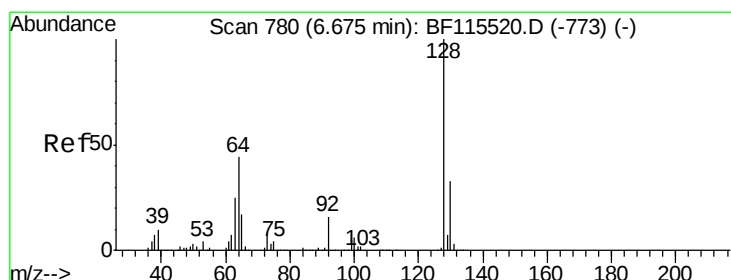
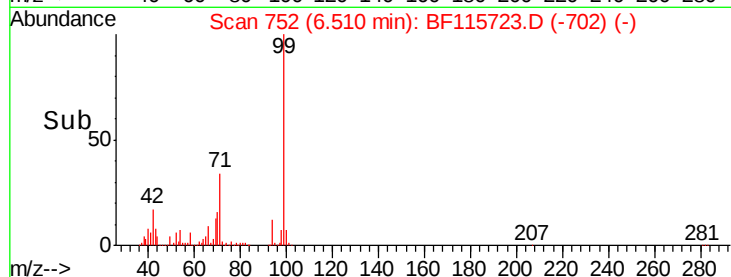
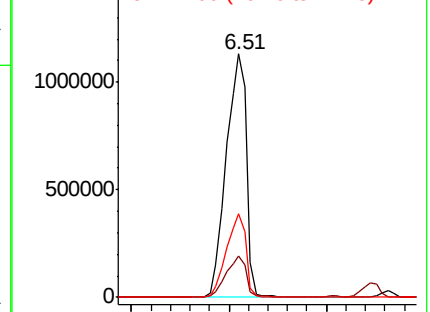
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.187 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

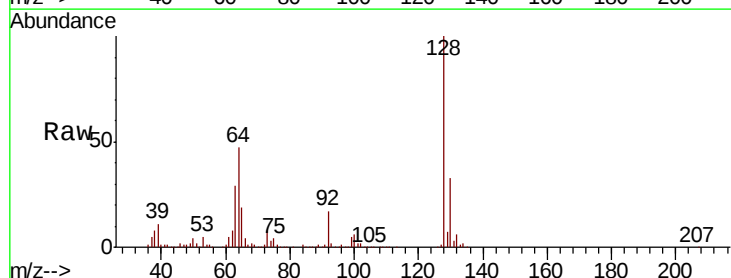
Tgt Ion: 128 Resp: 501260

Ion Ratio Lower Upper

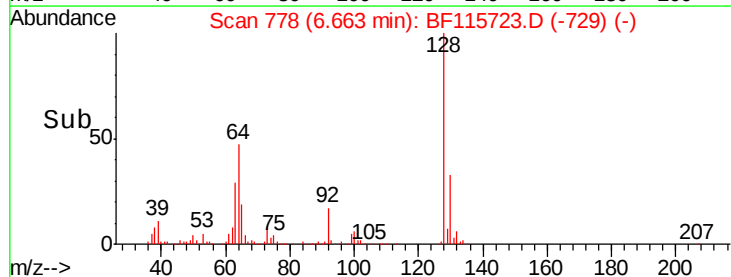
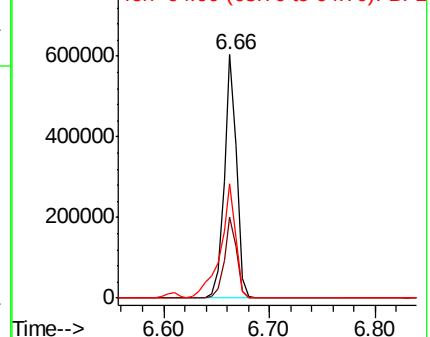
128 100

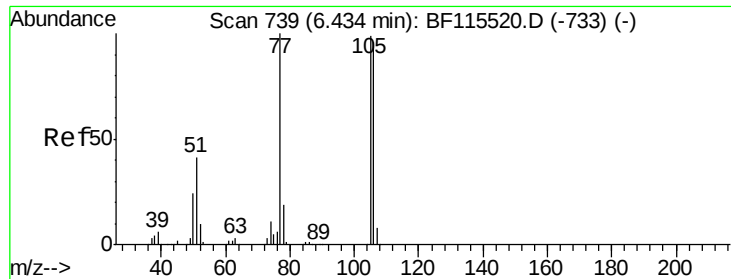
130 33.5 12.8 52.8

64 46.9 26.8 66.8



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





#9

Benzaldehyde

Concen: 20.868 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

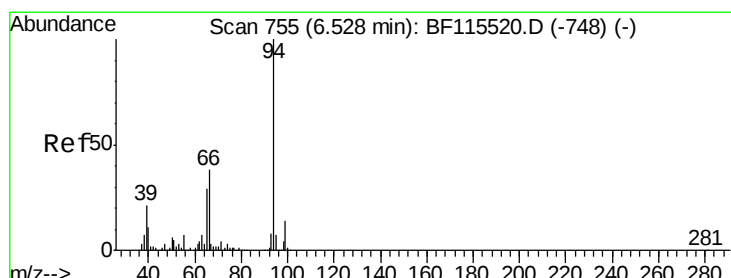
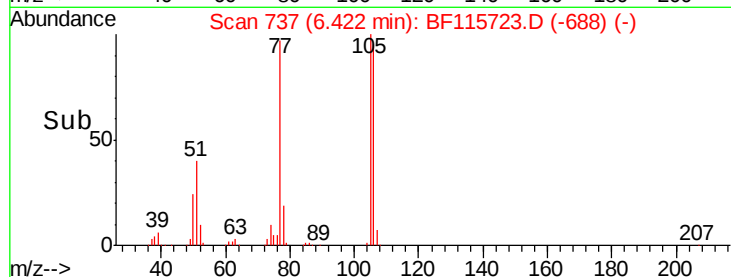
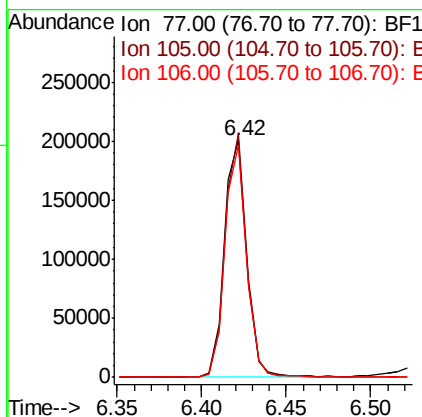
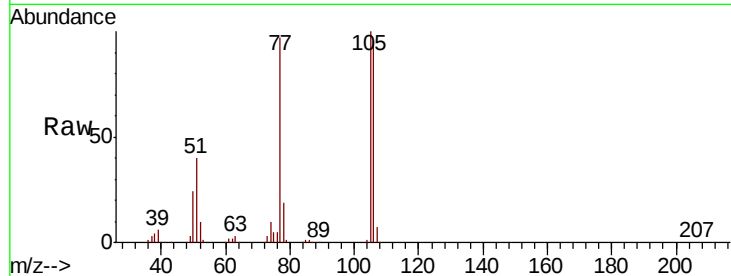
ClientSampleId :

PB121645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.7	78.8	118.8		
106	97.8	75.6	115.6		

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#10

Phenol

Concen: 38.337 ng

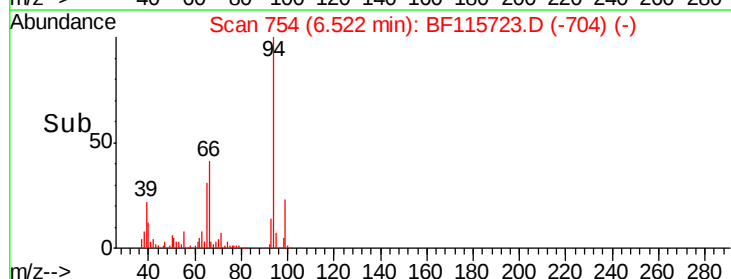
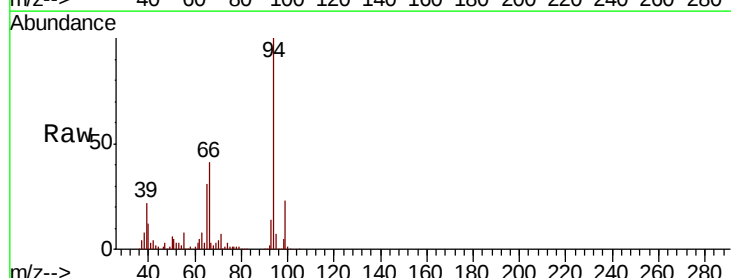
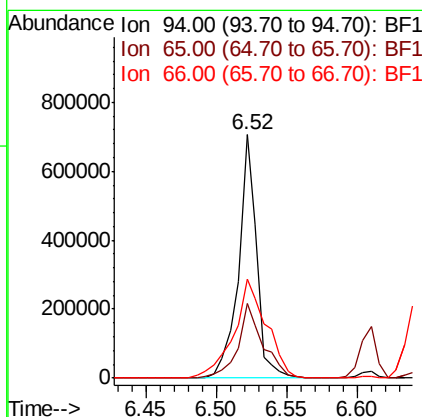
RT: 6.52 min Scan# 754

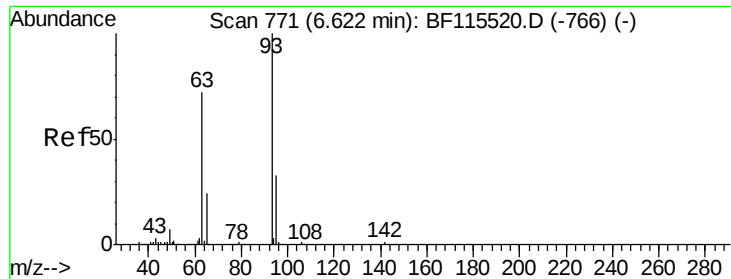
Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	14.5	54.5		
66	40.7	31.3	71.3		





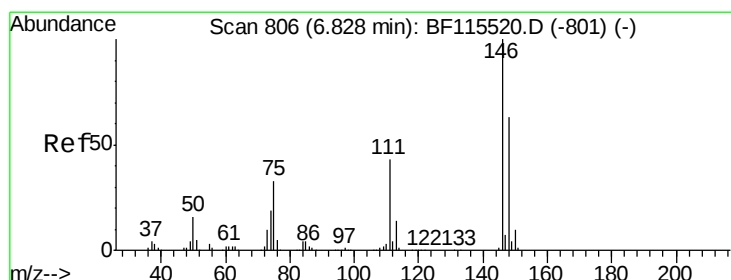
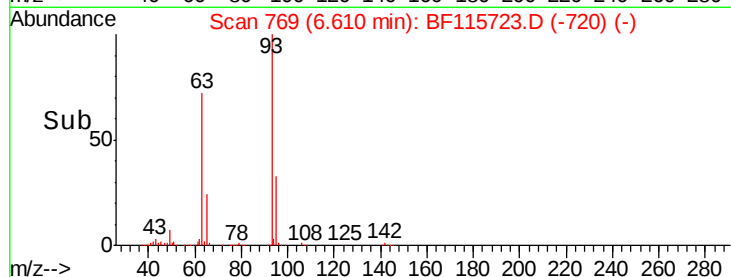
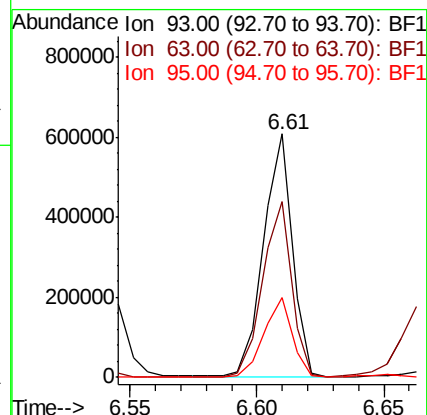
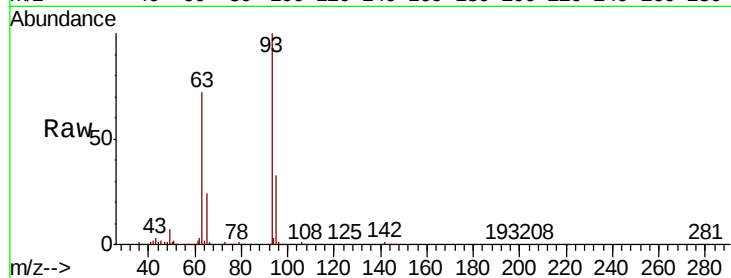
#11
bis(2-Chloroethyl)ether
Concen: 39.044 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.2	92.2
95	33.0	12.9	52.9

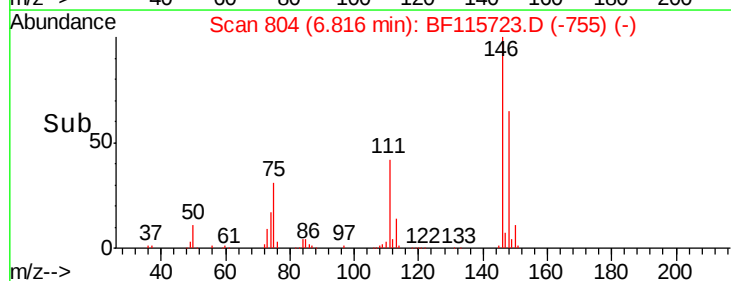
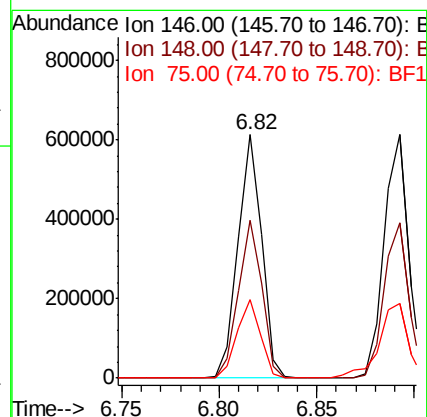
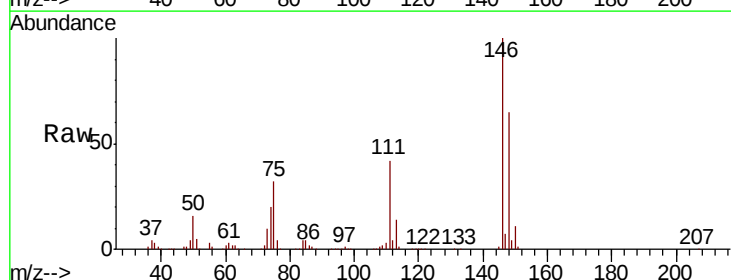
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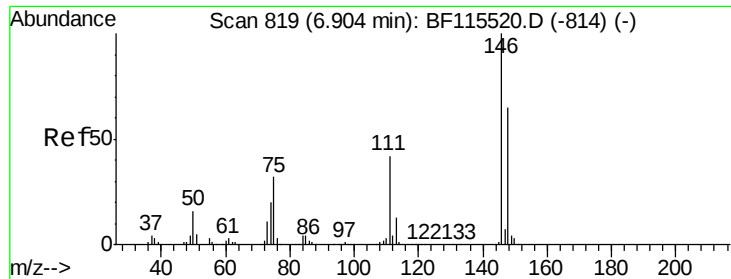
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.983 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	32.4	24.9	37.3





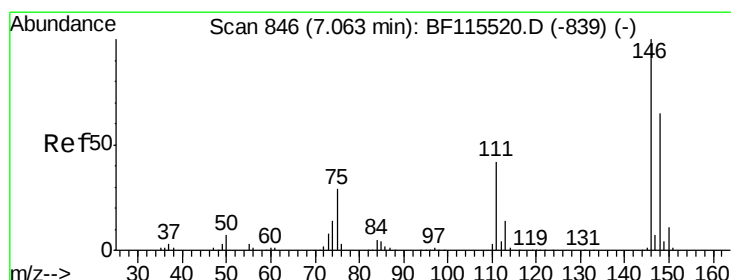
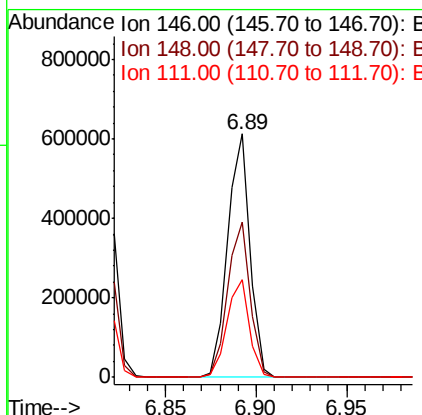
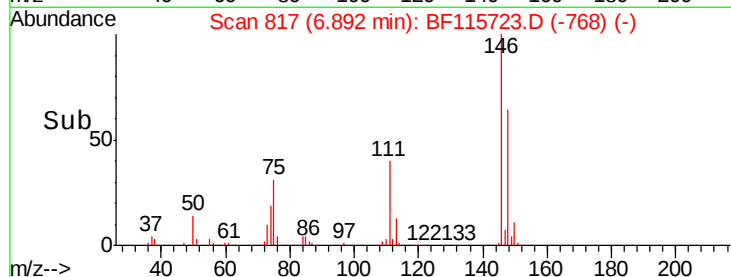
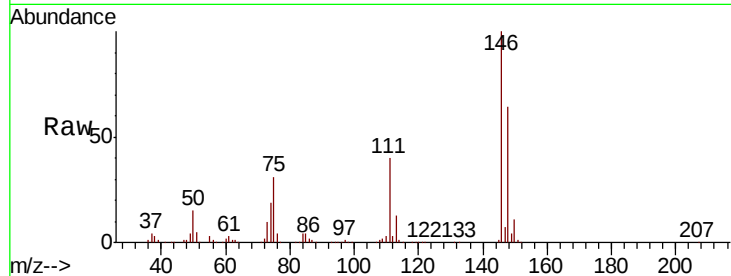
#13
1,4-Dichlorobenzene
Concen: 36.781 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	39.9	35.5	53.3

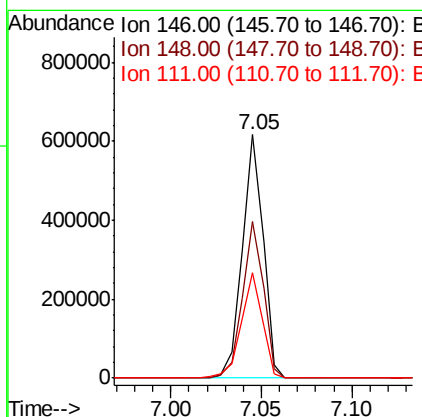
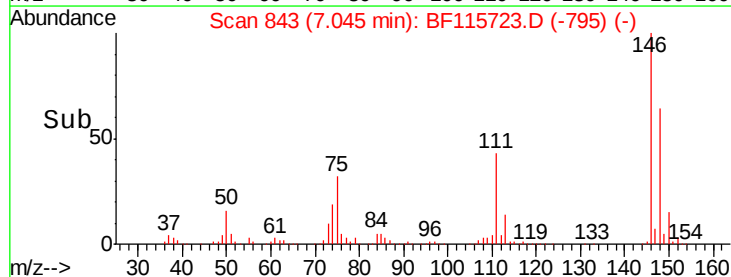
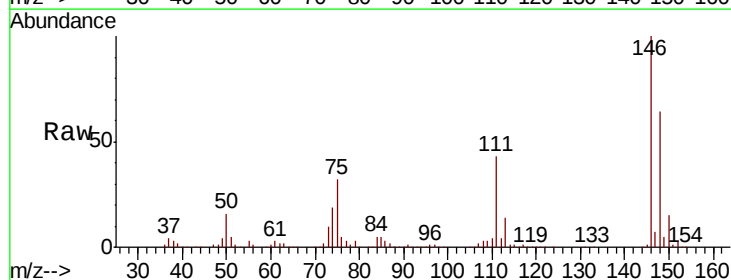
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#14
1,2-Dichlorobenzene
Concen: 37.563 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.1	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.575 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

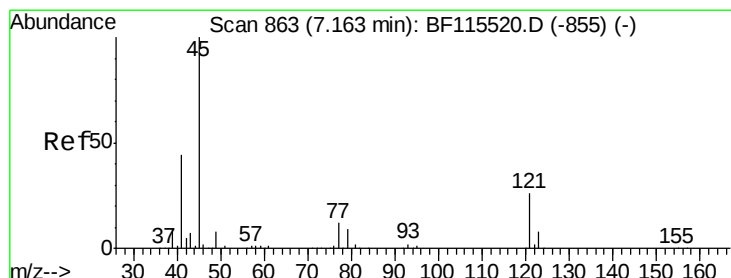
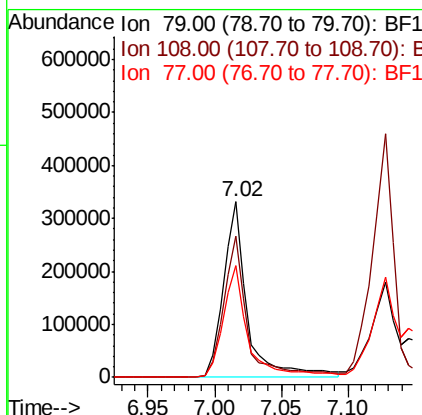
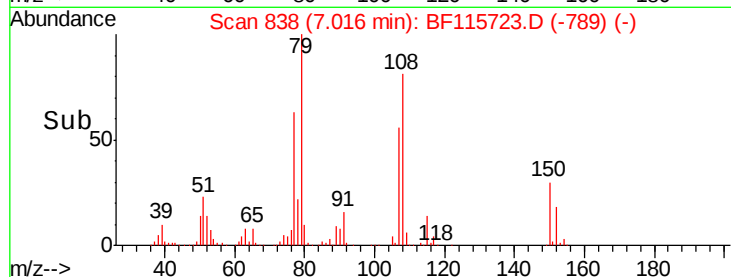
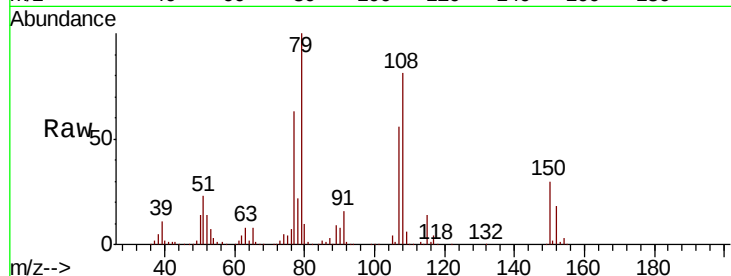
ClientSampleId :

PB121645BSD

Tot Ion:	79	Resp:	420800
Ion Ratio	Lower	Upper	
79	100		
108	80.7	64.2	96.4
77	63.4	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.746 ng

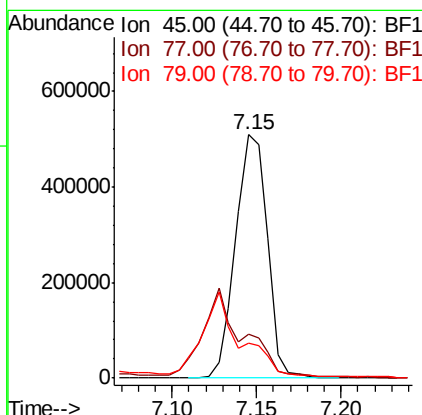
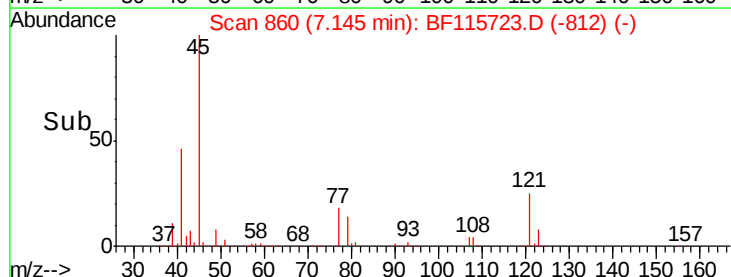
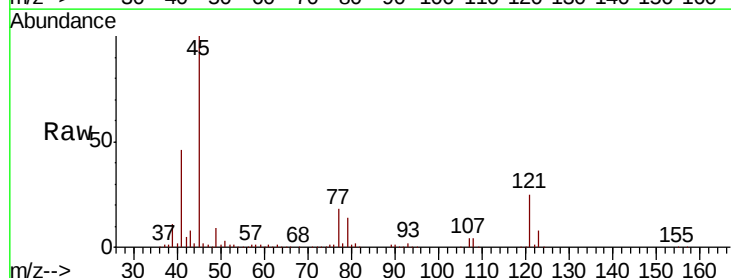
RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Tgt Ion:	45	Resp:	669321
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	38.1
79	14.2	0.0	34.1





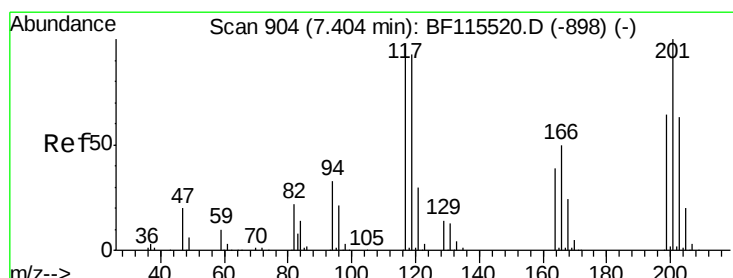
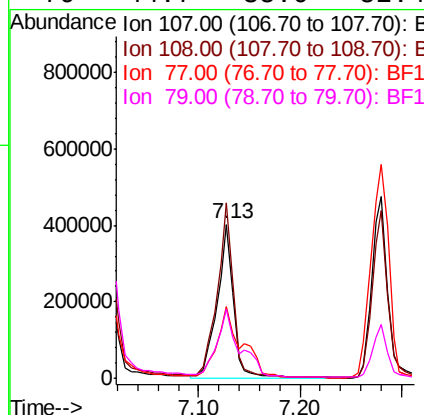
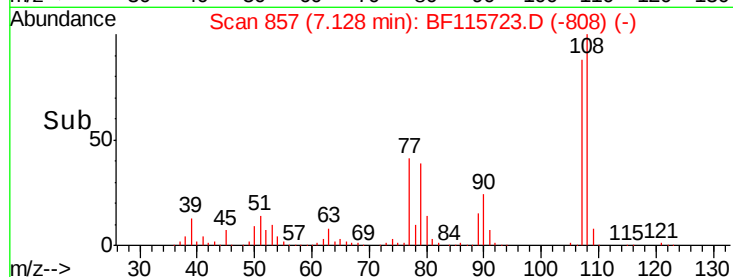
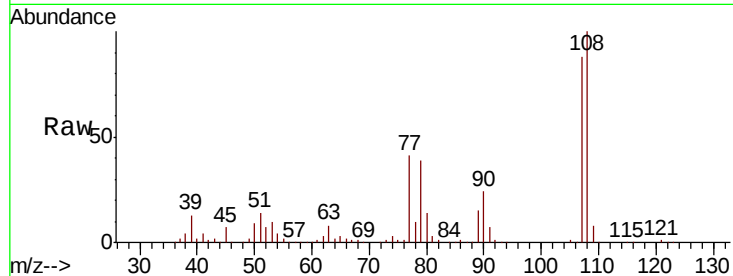
#17
2-Methylphenol
Concen: 41.429 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		456695		
108	114.1	89.4	134.2		
77	47.0	35.7	53.5		
79	44.7	35.0	52.4		

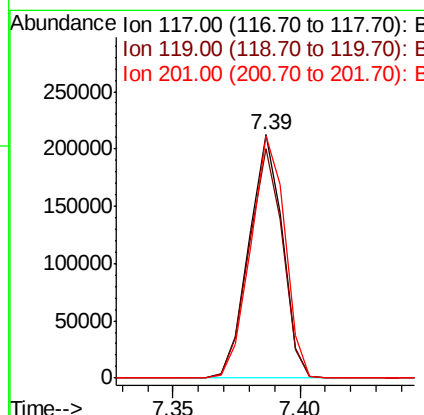
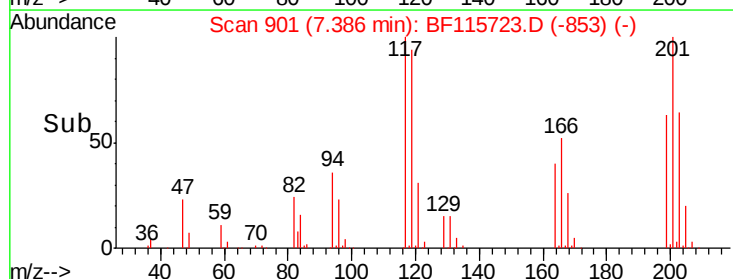
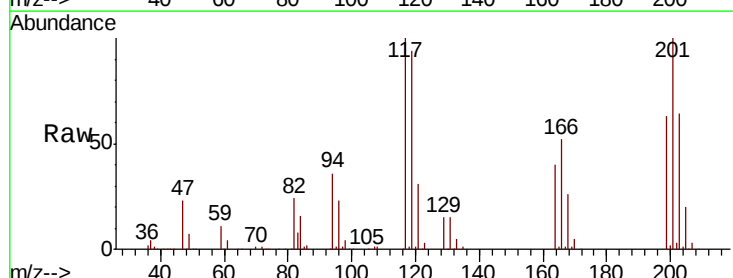
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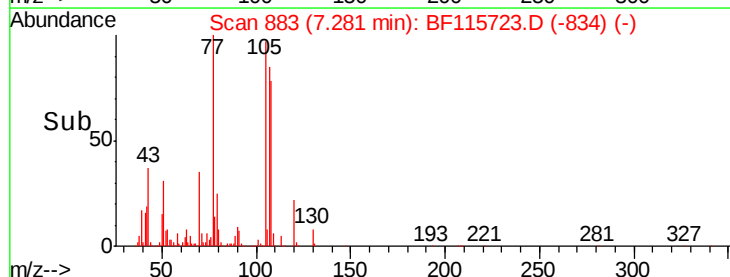
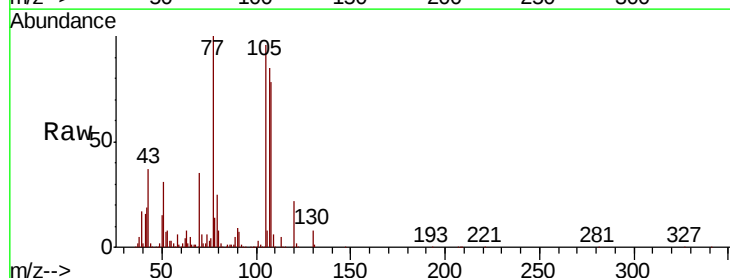
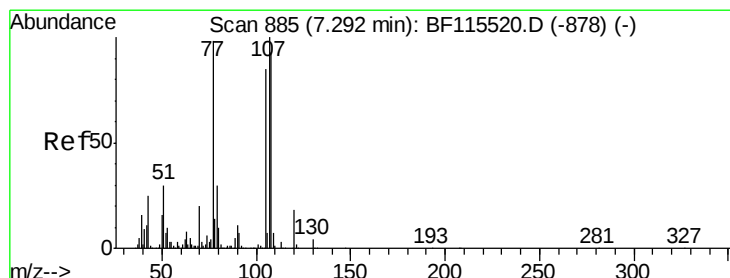
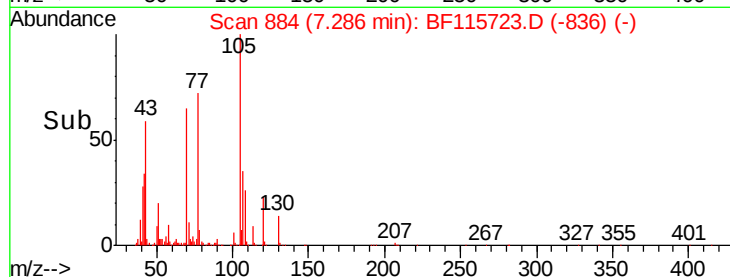
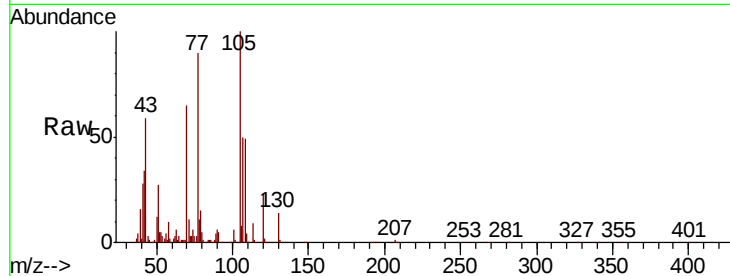
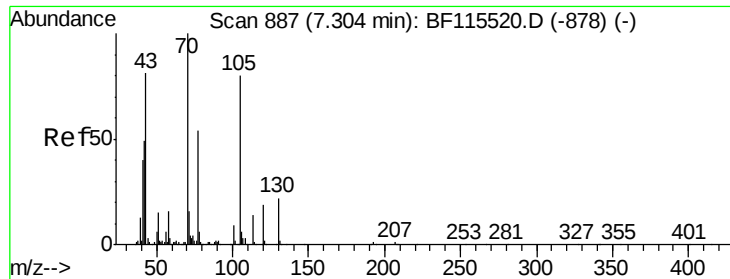
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#18
Hexachloroethane
Concen: 36.700 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

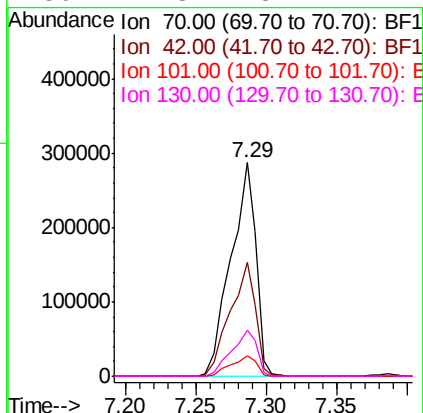
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		195467		
119	94.2	77.7	116.5		
201	99.8	86.0	129.0		





#19
n-Nitroso-di-n-propylamine
Concen: 38.540 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	39.6	59.4	
101	9.7	8.1	12.1	
130	21.3	18.2	27.2	



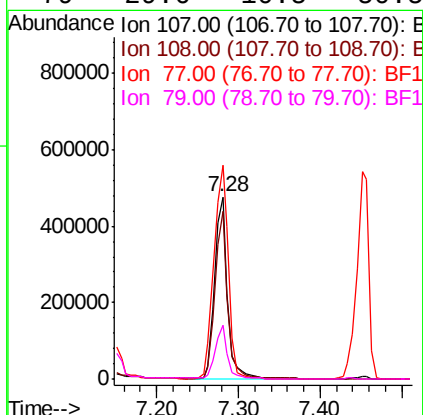
Instrument :
BNA_F
ClientSampleId :
PB121645BSD

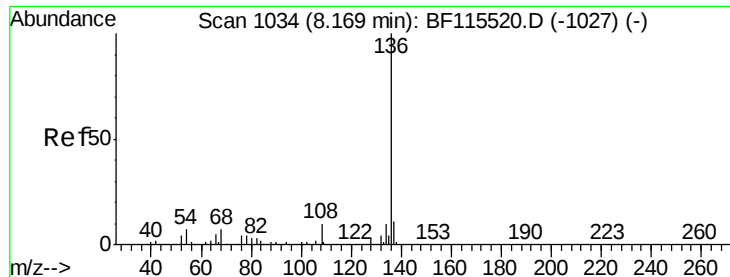
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#20
3+4-Methylphenols
Concen: 39.765 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	72.9	112.9	
77	117.3	77.6	117.6	
79	29.6	10.5	50.5	





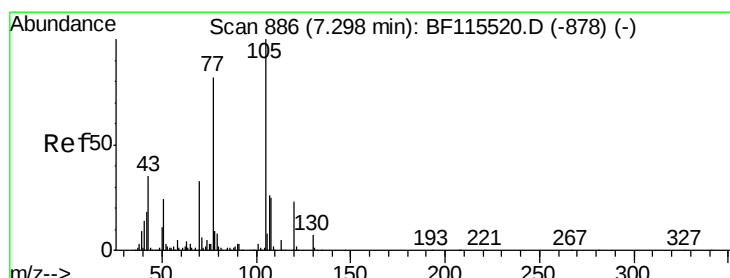
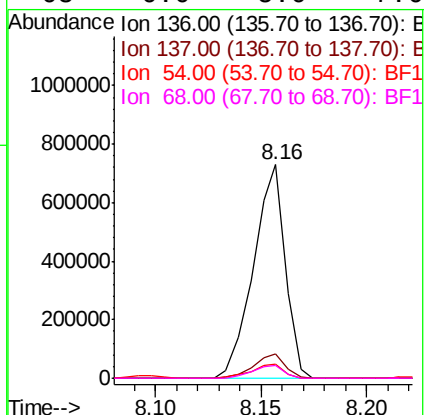
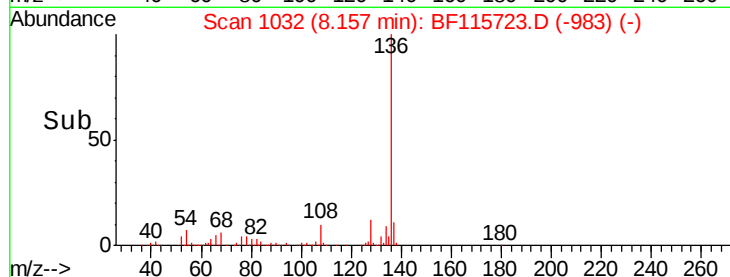
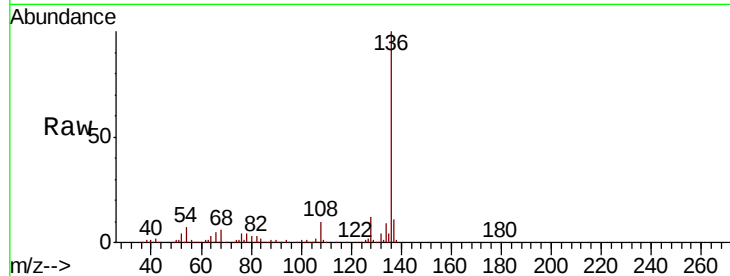
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		761817		
137	11.2	9.0	13.4		
54	6.6	5.6	8.4		
68	6.0	5.0	7.6		

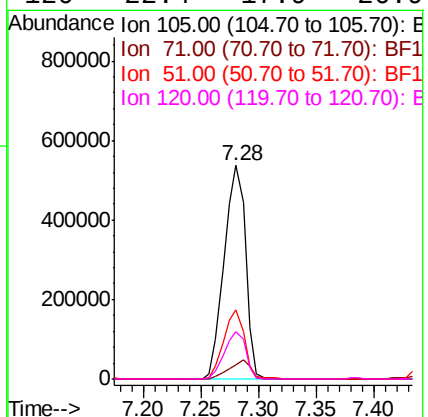
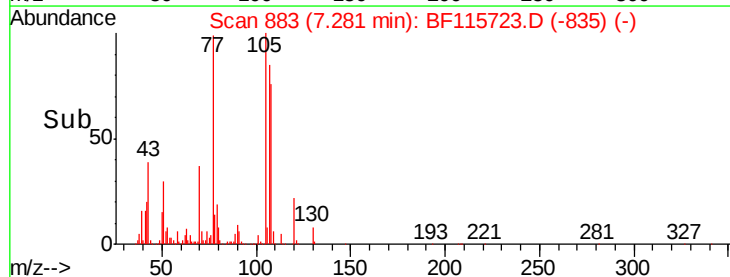
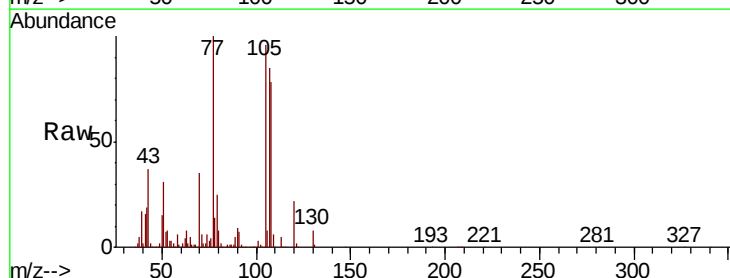
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#22
Acetophenone
Concen: 40.272 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		693102		
71	6.3	3.5	5.3#		
51	32.4	25.6	38.4		
120	22.4	17.9	26.9		





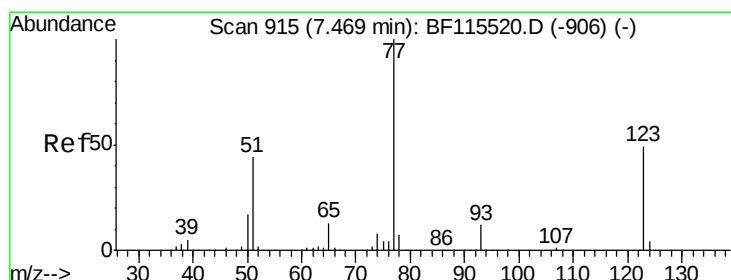
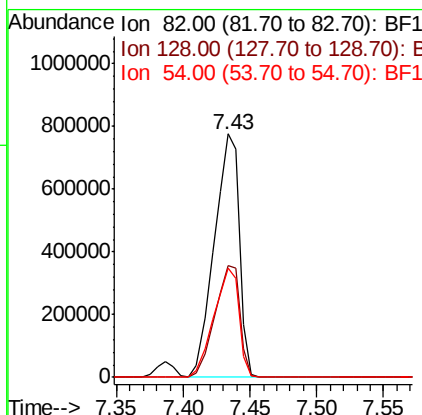
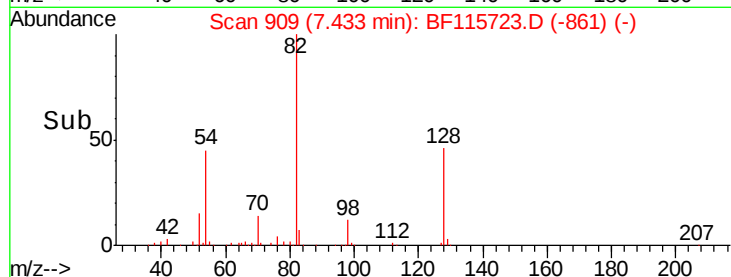
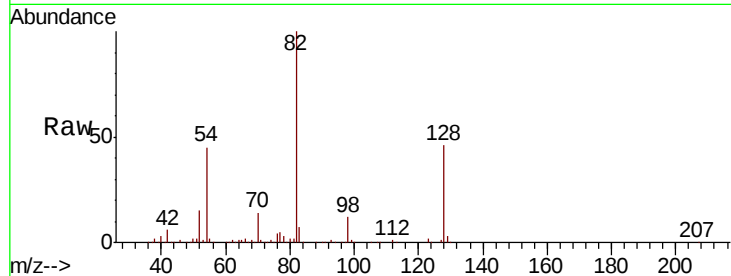
#23
Nitrobenzene-d5
Concen: 78.234 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion: 82 Resp: 1024989
Ion Ratio Lower Upper
82 100
128 45.9 38.6 57.8
54 45.0 35.6 53.4

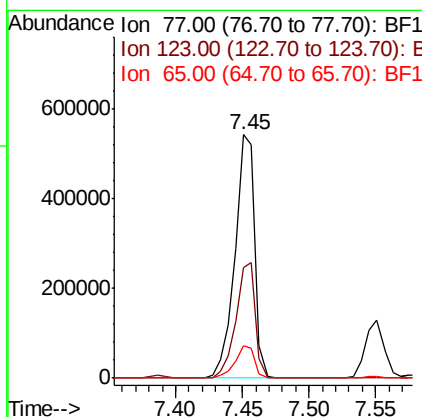
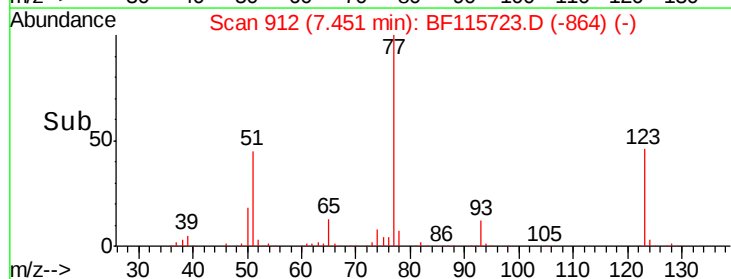
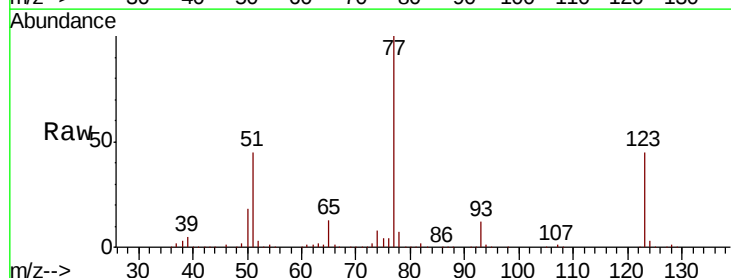
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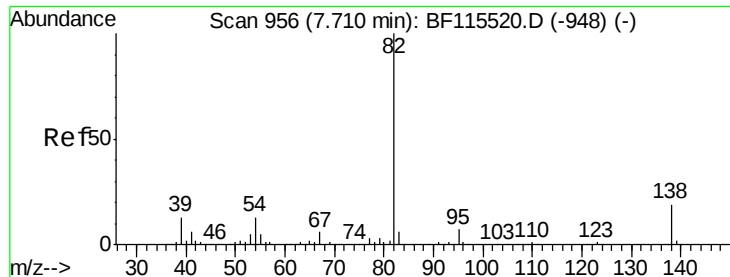
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#24
Nitrobenzene
Concen: 39.973 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion: 77 Resp: 564866
Ion Ratio Lower Upper
77 100
123 45.2 40.0 60.0
65 13.3 11.0 16.4





#25

Isophorone

Concen: 39.754 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB121645BSD

Tot Ion: 82 Resp: 1042211

Ion Ratio Lower Upper

82 100

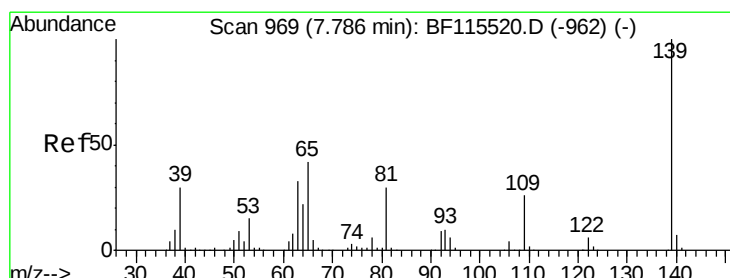
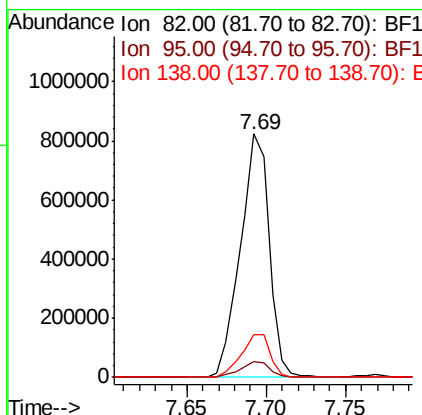
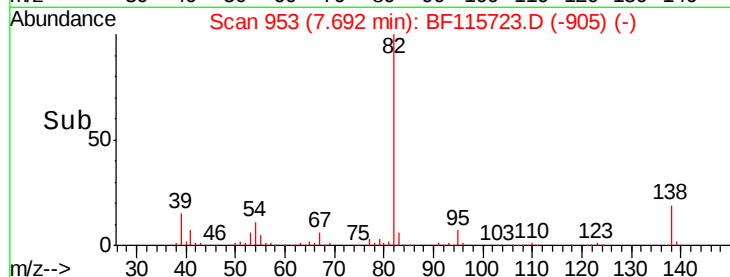
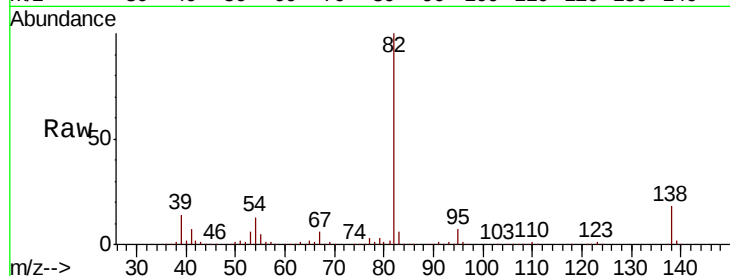
95 6.7 5.5 8.3

138 17.7 14.9 22.3

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#26

2-Nitrophenol

Concen: 40.218 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

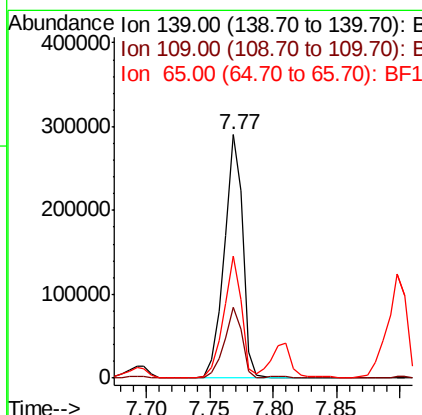
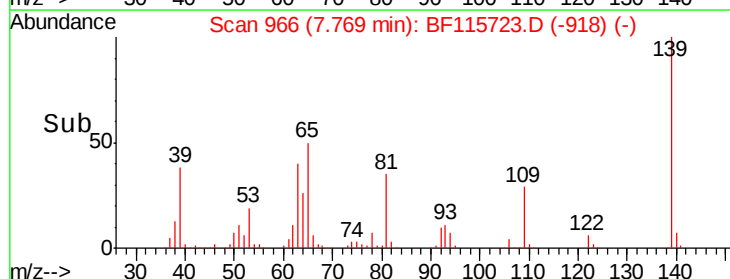
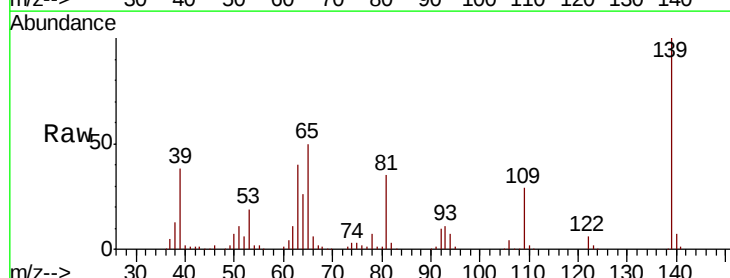
Tgt Ion: 139 Resp: 292528

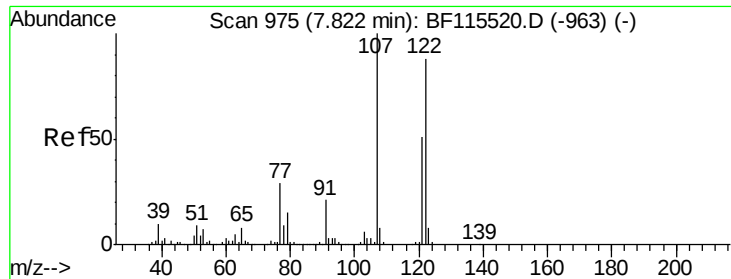
Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 50.1 37.9 56.9





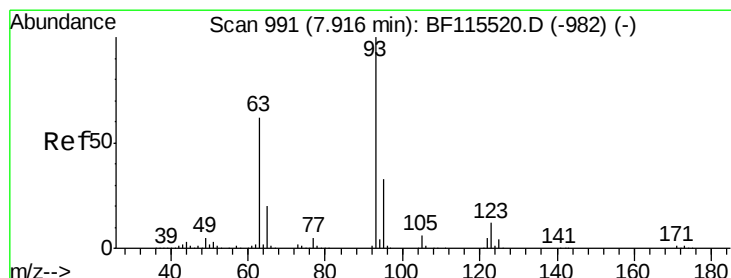
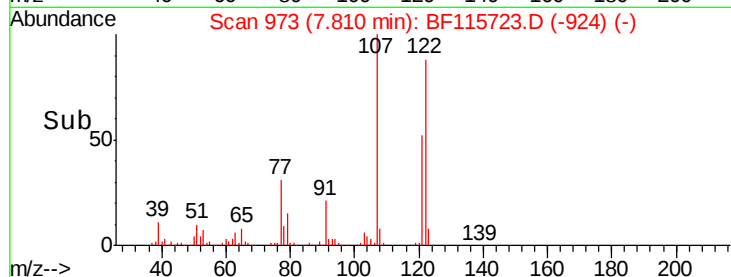
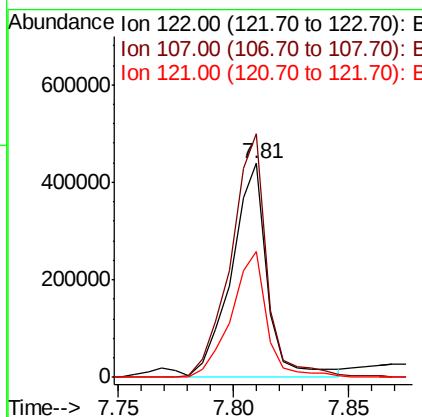
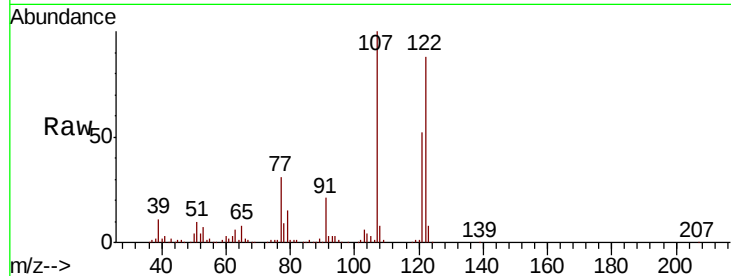
#27
 2,4-Dimethylphenol
 Concen: 43.786 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	92.9	139.3
121	59.1	46.9	70.3

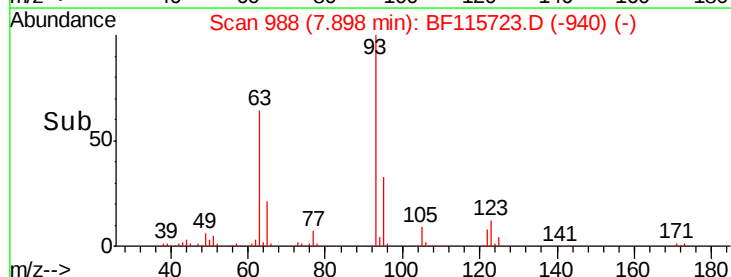
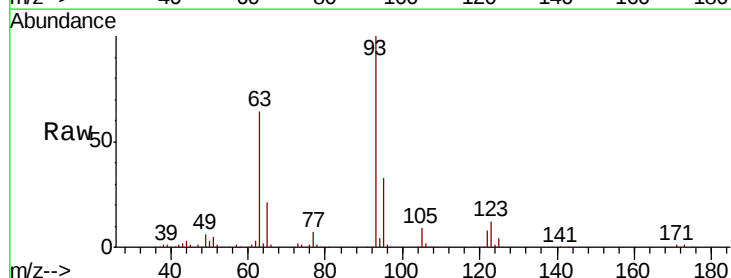
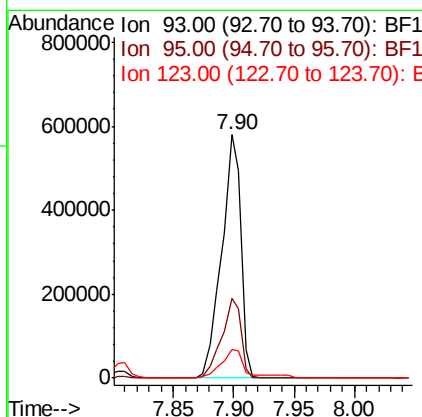
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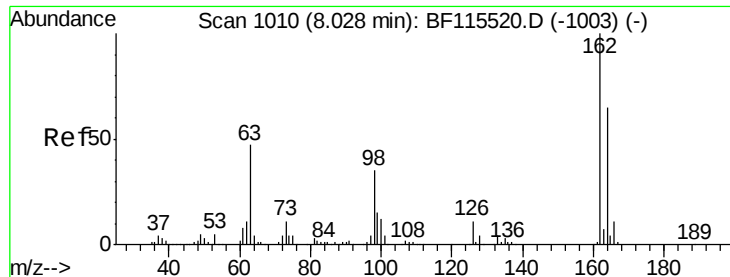
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.745 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	12.0	9.9	14.9





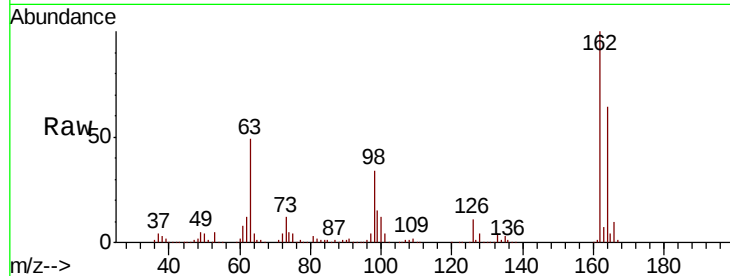
#29
 2,4-Dichlorophenol
 Concen: 40.582 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

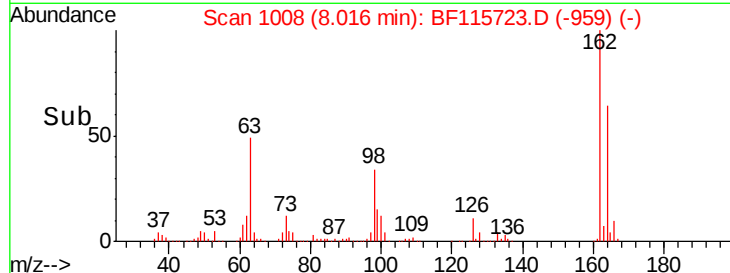
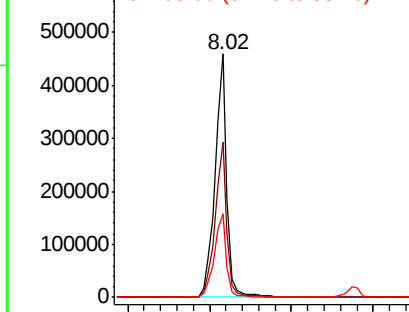
Tot Ion	Ratio	Resp	Lower	Upper
162	100	459321		
164	63.8	44.9	84.9	
98	34.3	17.7	57.7	

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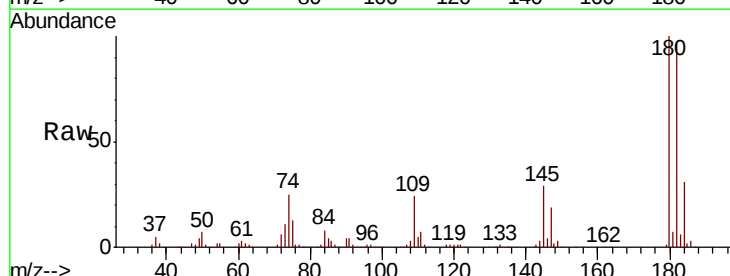
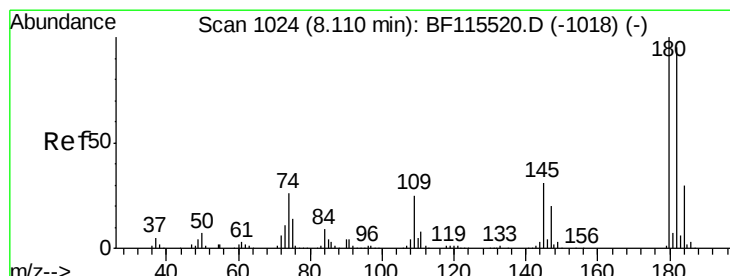
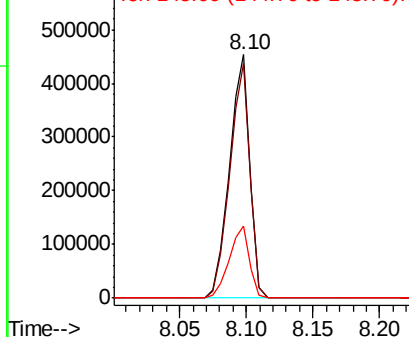
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

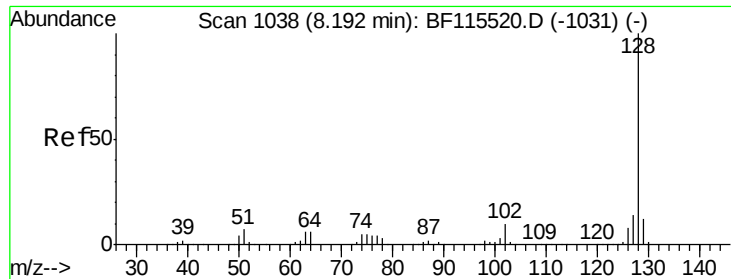


#30
 1,2,4-Trichlorobenzene
 Concen: 38.039 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	486668		
182	96.5	75.0	112.6	
145	29.4	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





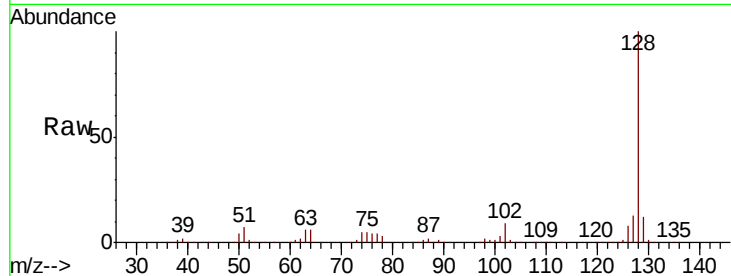
#31
Naphthalene
Concen: 40.303 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

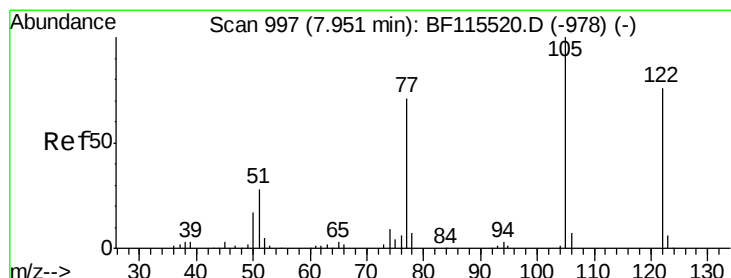
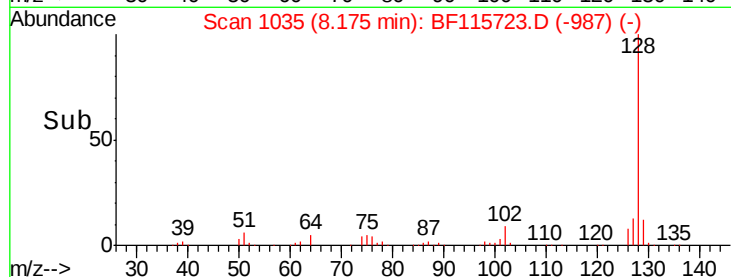
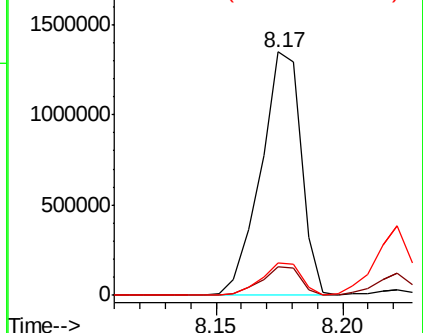
Tot Ion:128 Resp: 1486986
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.4 12.1 18.1

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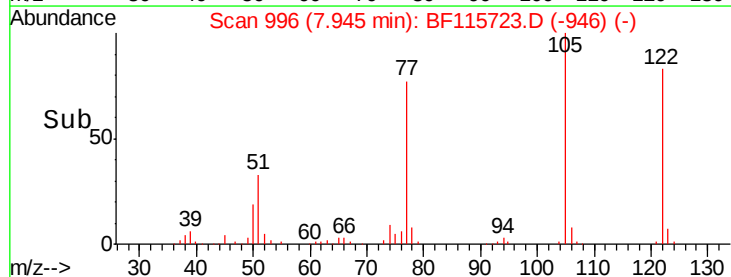
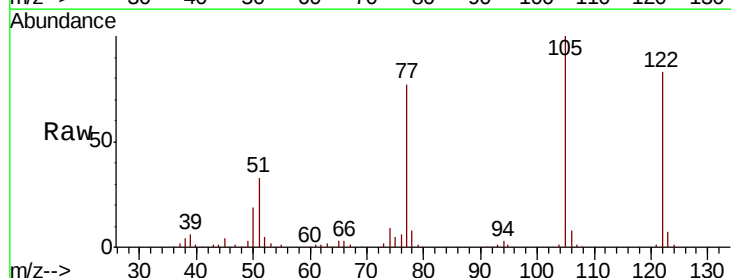
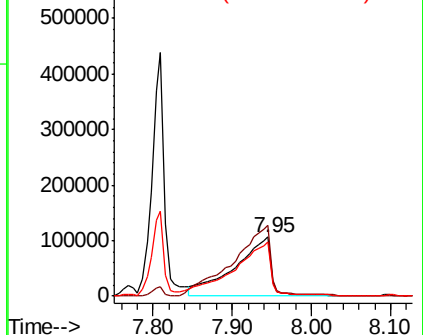
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.872 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion:122 Resp: 338253
Ion Ratio Lower Upper
122 100
105 120.3 102.5 142.5
77 93.0 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





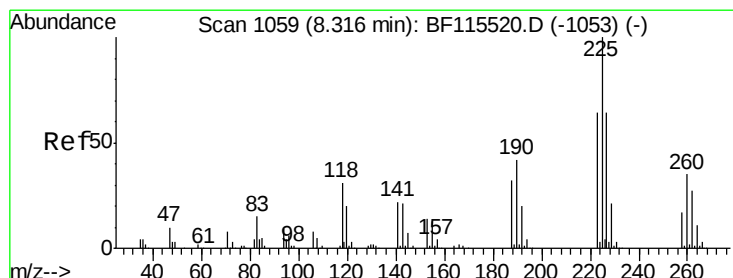
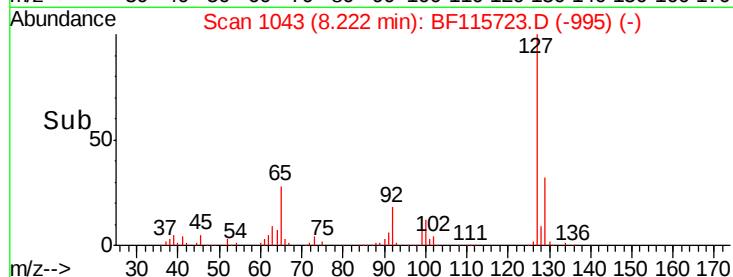
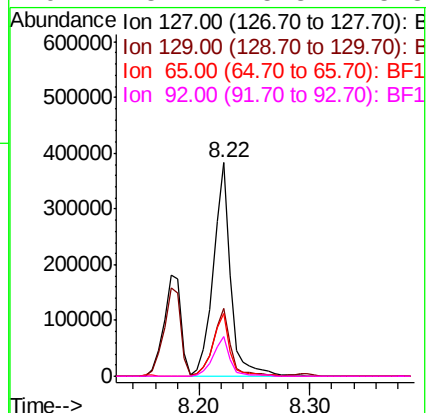
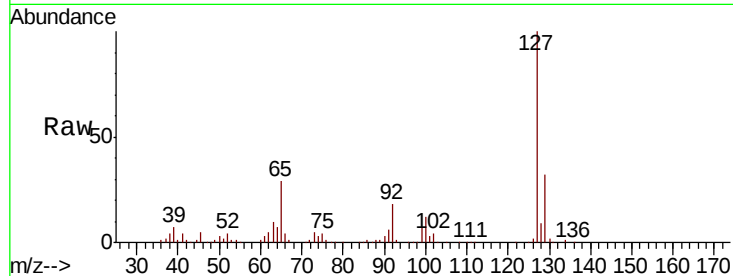
#33
 4-Chloroaniline
 Concen: 24.953 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.6	39.8		
65	29.1	23.7	35.5		
92	18.4	15.8	23.8		

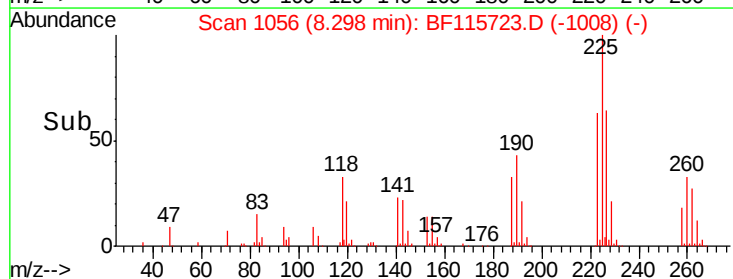
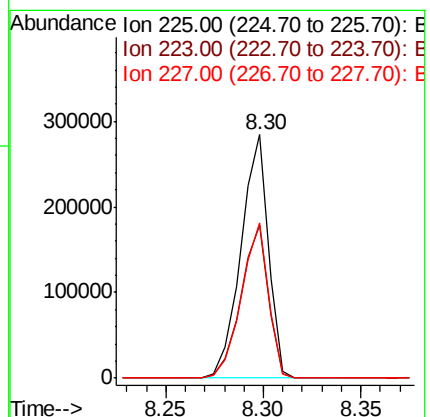
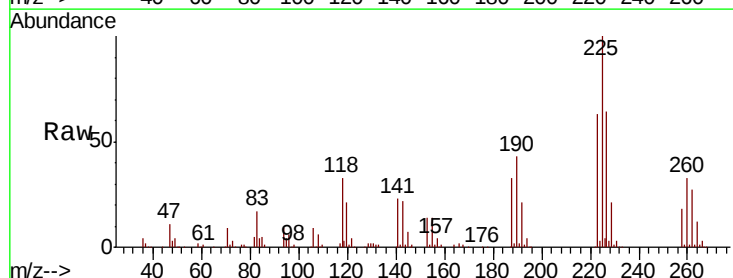
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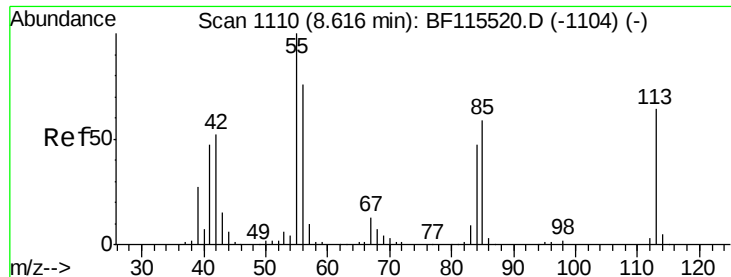
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#34
 Hexachlorobutadiene
 Concen: 37.568 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.9	76.3		
227	63.7	50.7	76.1		





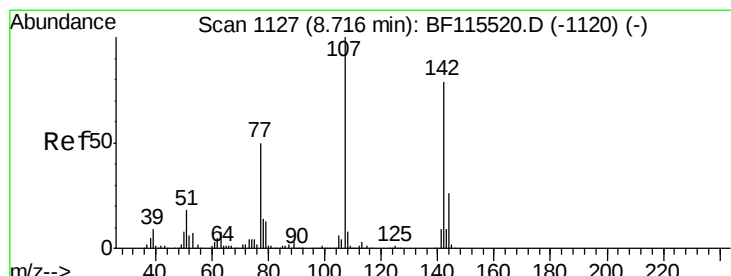
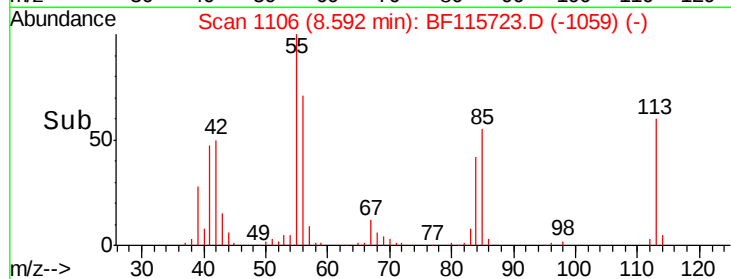
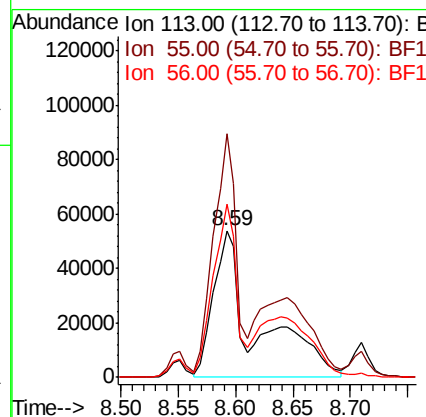
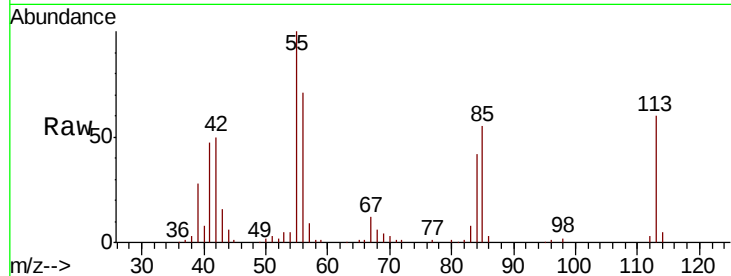
#35
Caprolactam
Concen: 39.645 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.0	126.9	166.9
56	118.2	90.3	130.3

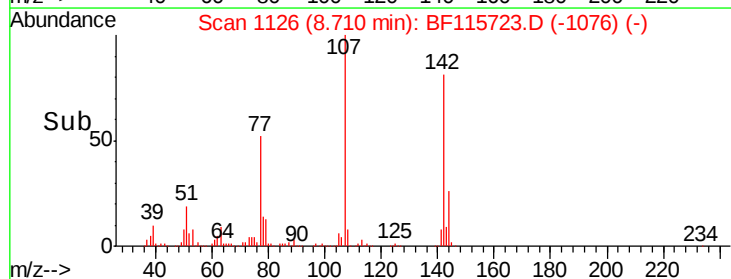
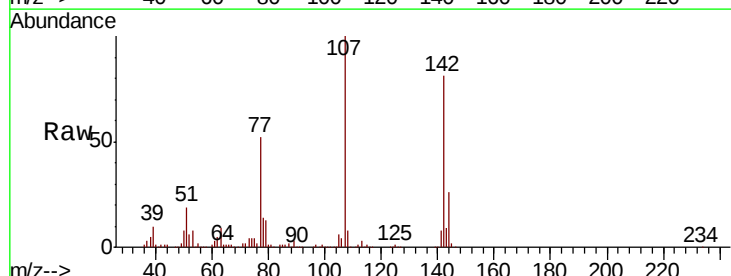
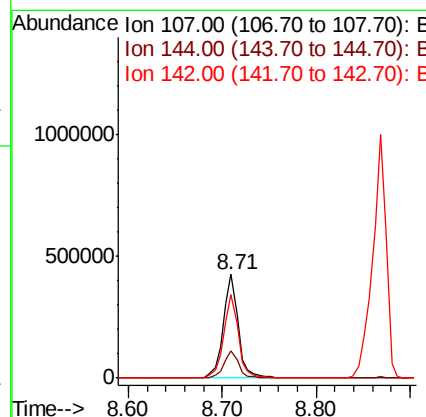
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#36
4-Chloro-3-methylphenol
Concen: 40.595 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	30.8
142	80.7	63.1	94.7





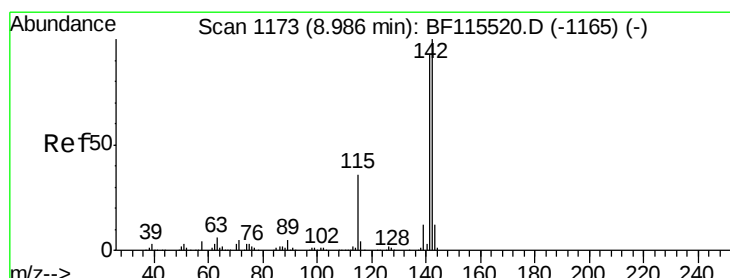
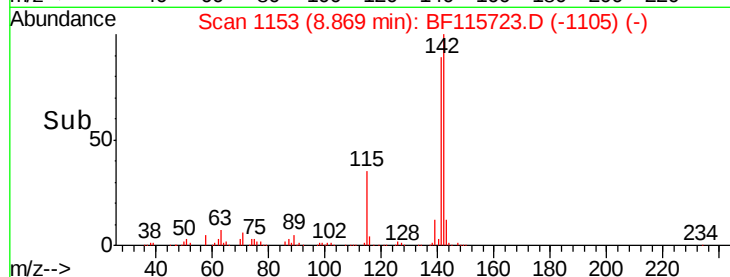
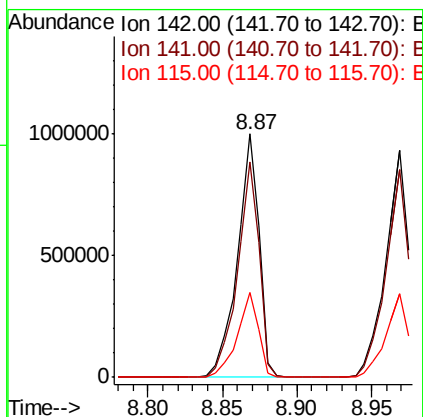
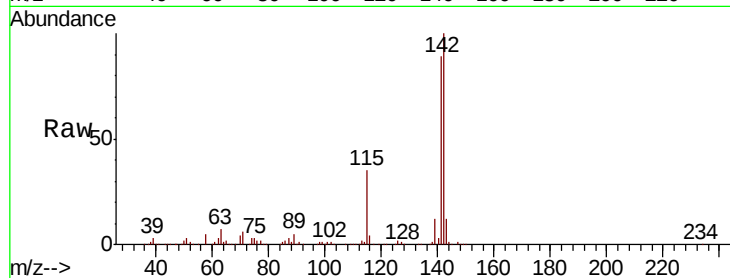
#37
2-Methylnaphthalene
Concen: 41.370 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.0	108.0
115	34.8	29.9	44.9

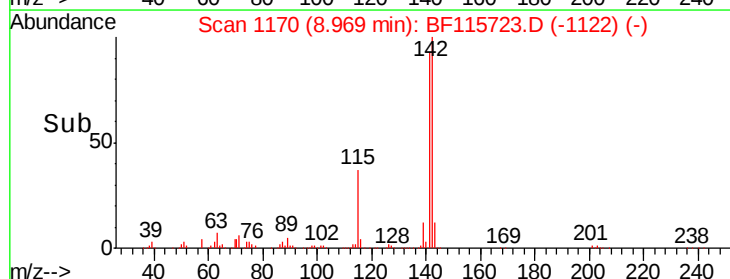
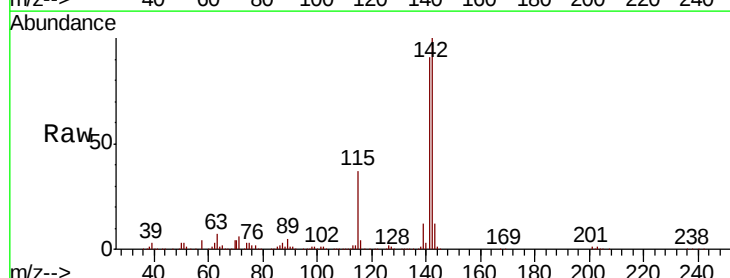
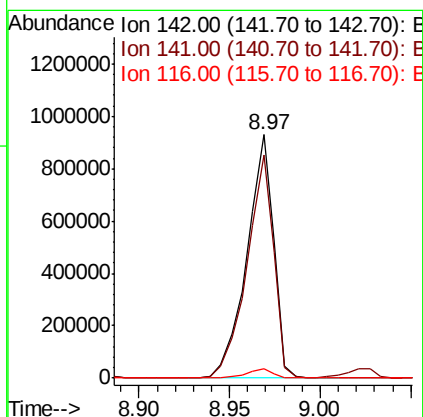
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#38
1-Methylnaphthalene
Concen: 40.926 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.3	112.9
116	3.7	3.3	4.9





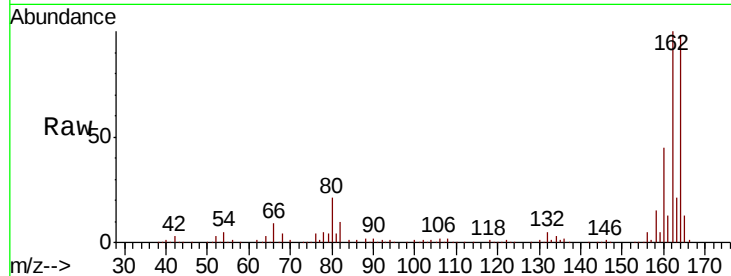
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.9	124.3
160	45.8	36.8	55.2

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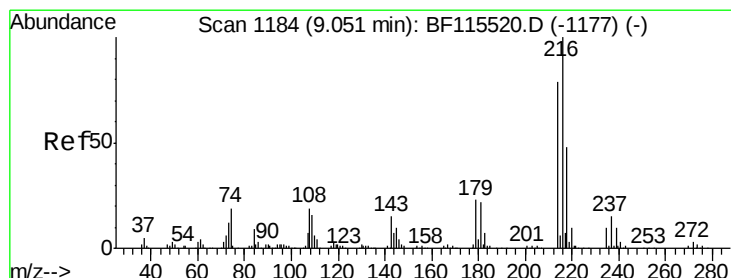
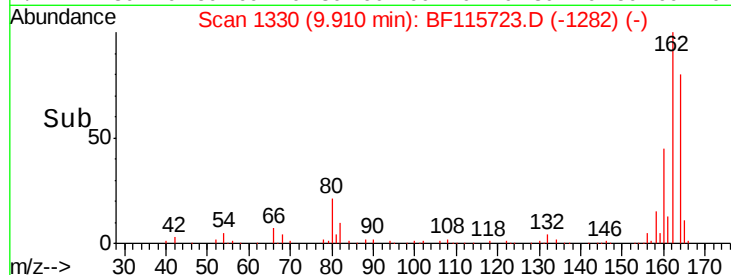
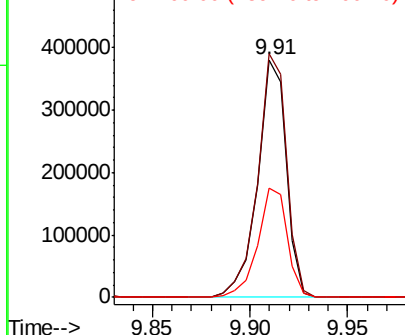


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.661 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	65.1	97.7
179	22.2	18.3	27.5
108	20.5	15.7	23.5

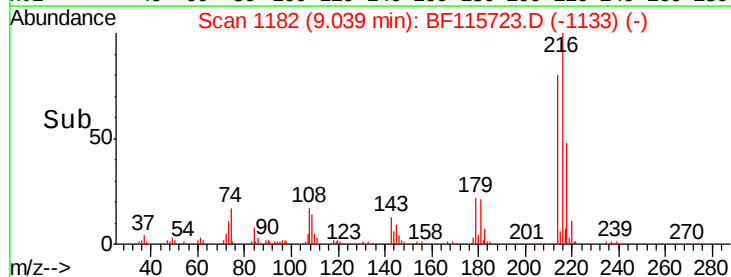
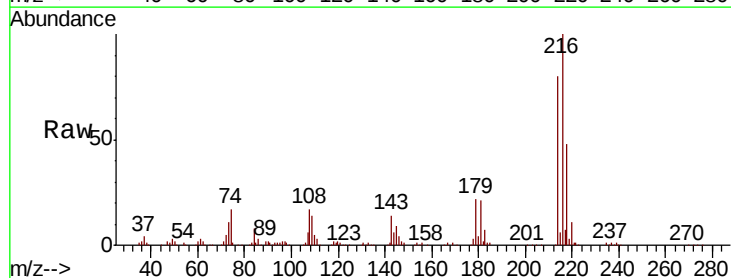
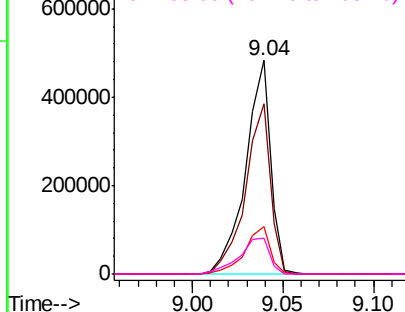
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.362 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

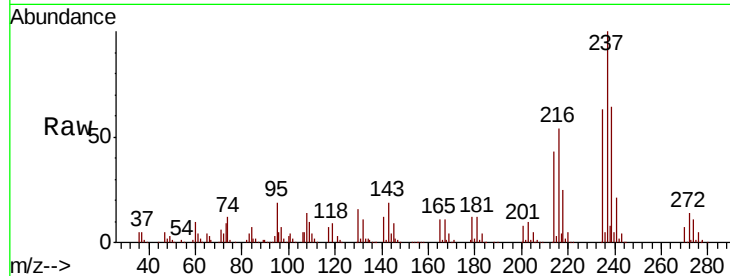
ClientSampleId :

PB121645BSD

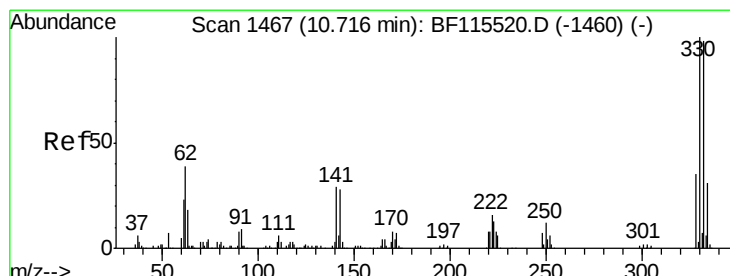
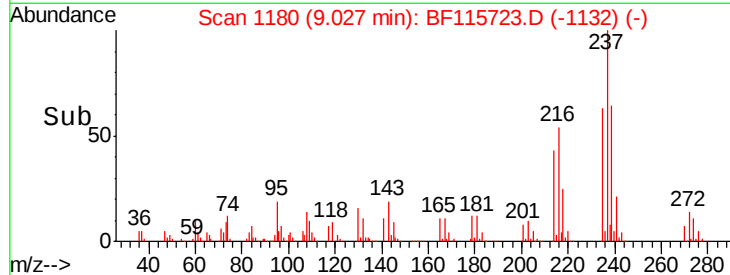
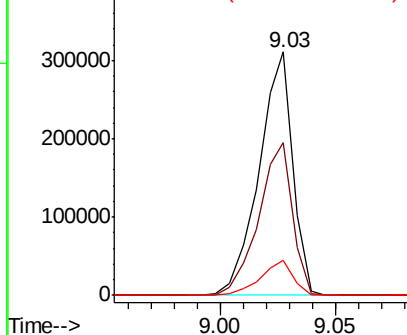
Tot Ion:	237	Resp:	314864
Ion Ratio		Lower	Upper
237	100		
235	62.9	43.6	83.6
272	14.2	0.0	33.9

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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: 106.447 ng

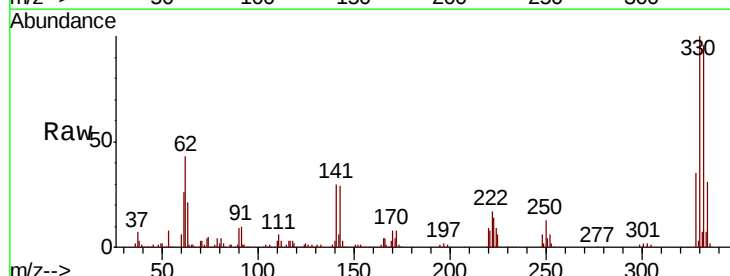
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

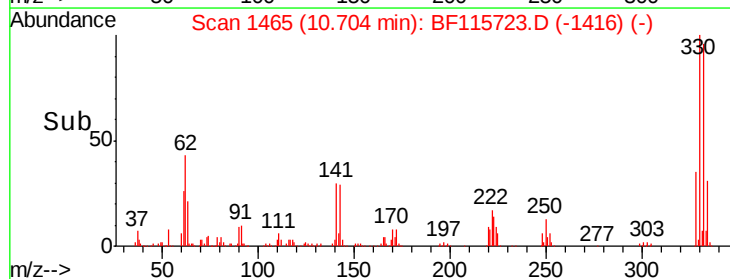
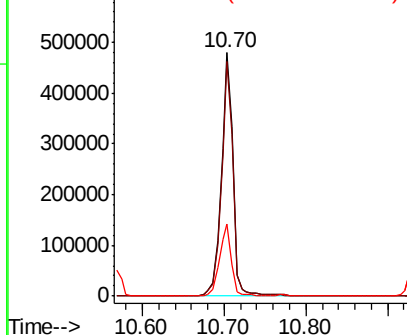
Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Tgt Ion:	330	Resp:	480854
Ion Ratio		Lower	Upper
330	100		
332	95.9	77.4	116.2
141	30.6	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





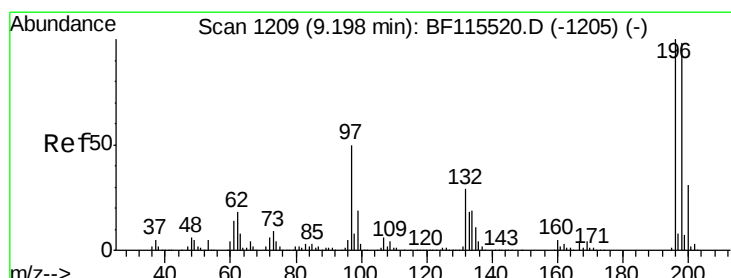
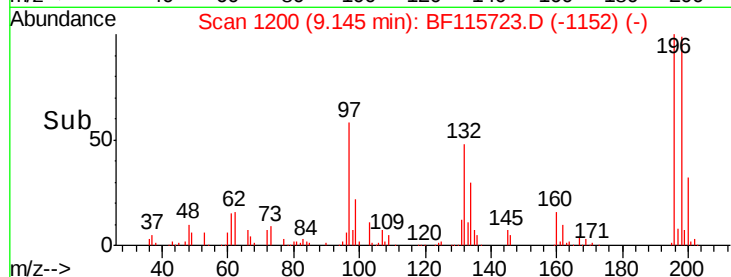
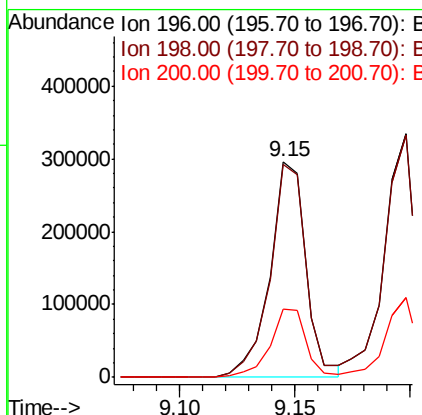
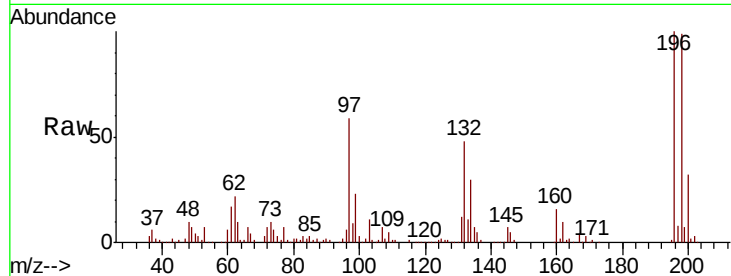
#43
 2,4,6-Trichlorophenol
 Concen: 37.497 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleID :
 PB121645BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319569		
198	98.5	80.6	121.0	
200	31.6	25.8	38.6	

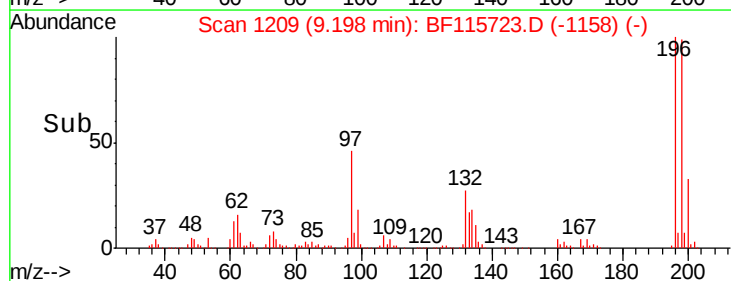
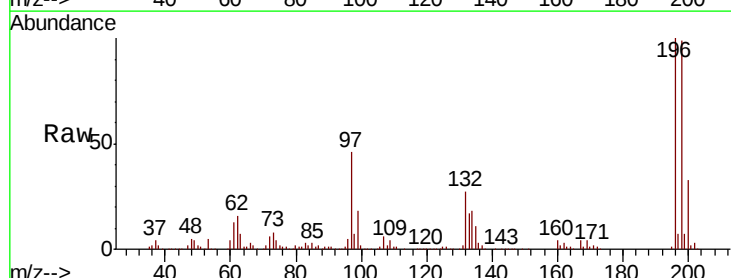
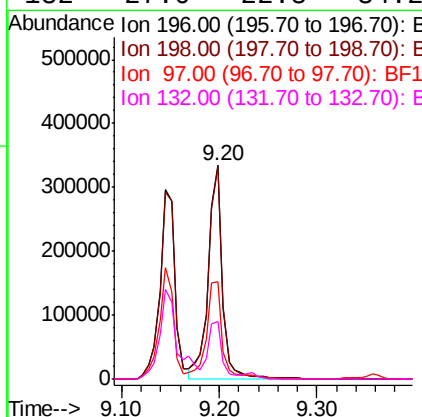
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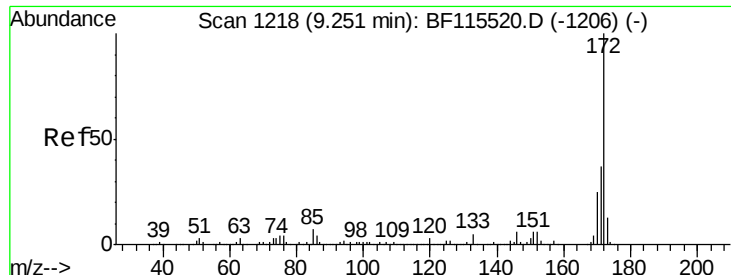
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#44
 2,4,5-Trichlorophenol
 Concen: 38.625 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337119		
198	99.3	79.6	119.4	
97	45.5	37.8	56.6	
132	27.0	22.8	34.2	





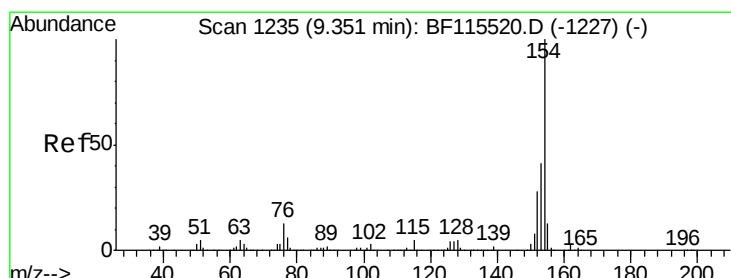
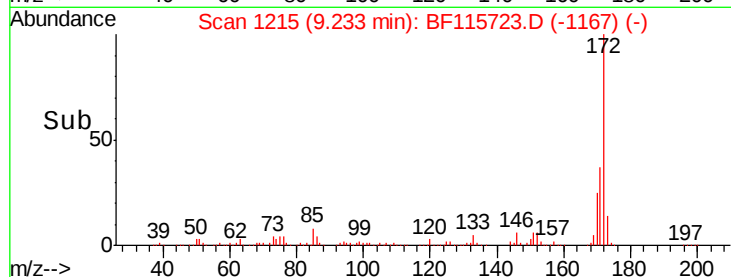
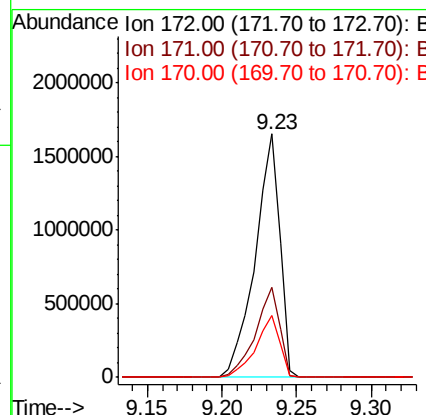
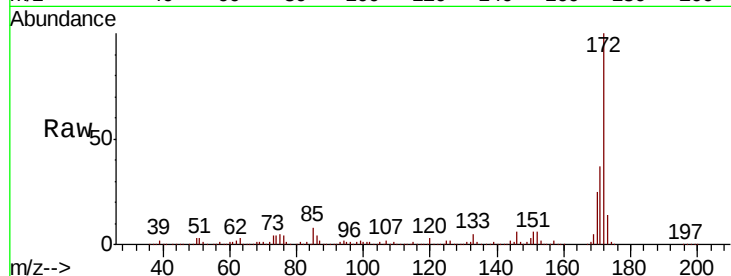
#45
2-Fluorobiphenyl
Concen: 84.882 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7

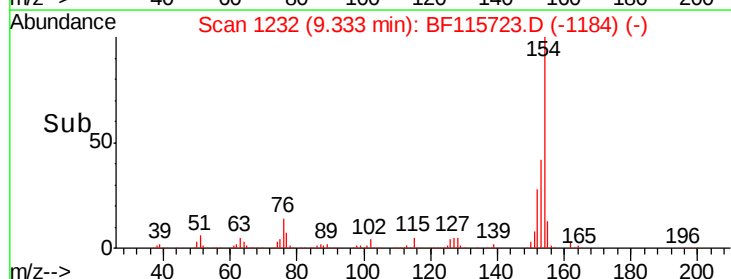
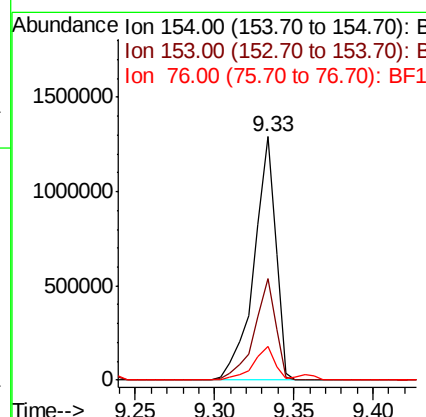
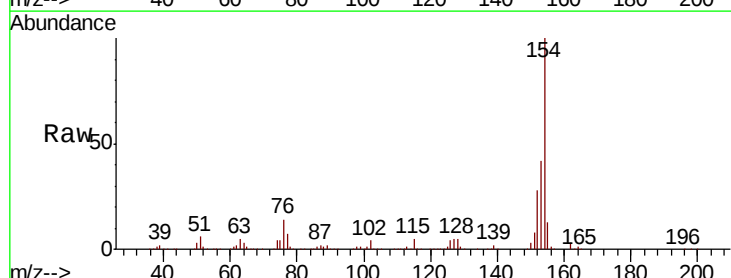
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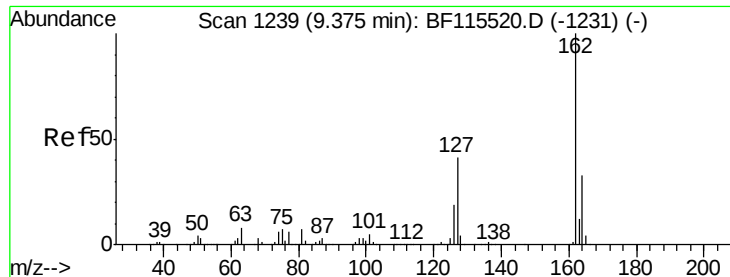
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#46
1,1'-Biphenyl
Concen: 40.593 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.6	62.6
76	14.0	0.0	33.4





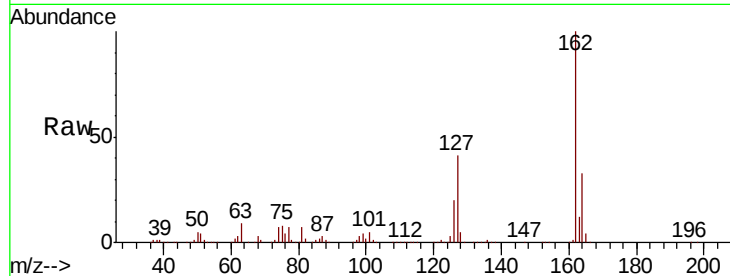
#47
 2-Chloronaphthalene
 Concen: 38.441 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

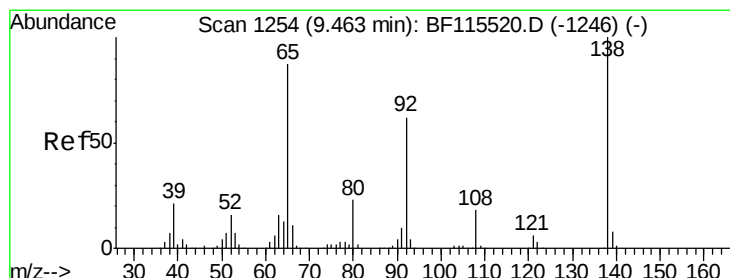
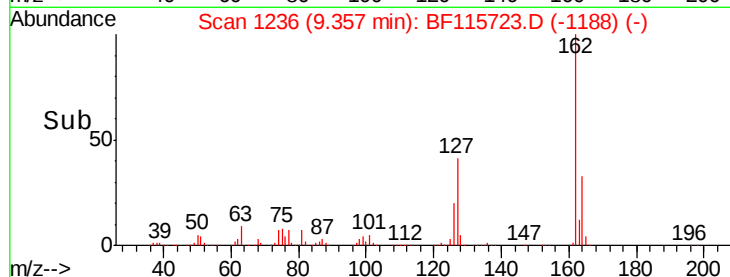
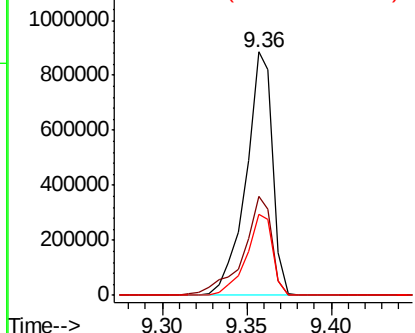
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.7	34.1	51.1
164	33.3	27.4	41.2

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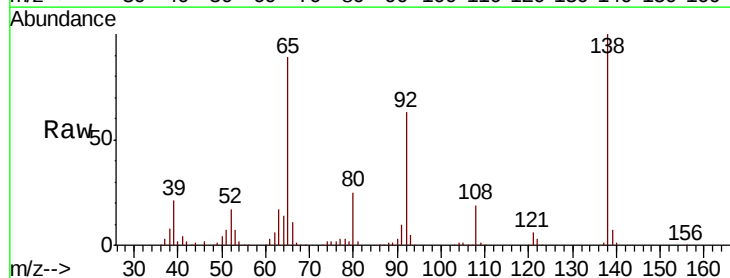


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

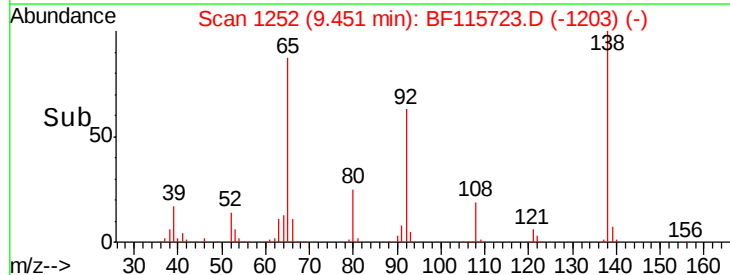
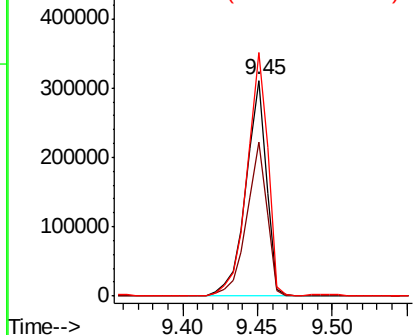


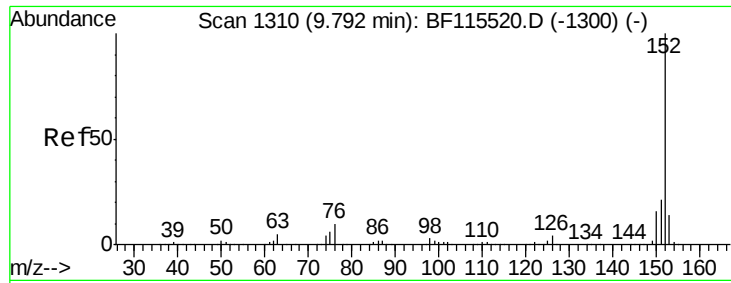
#48
 2-Nitroaniline
 Concen: 38.001 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.4	57.8	86.6
138	113.0	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.766 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

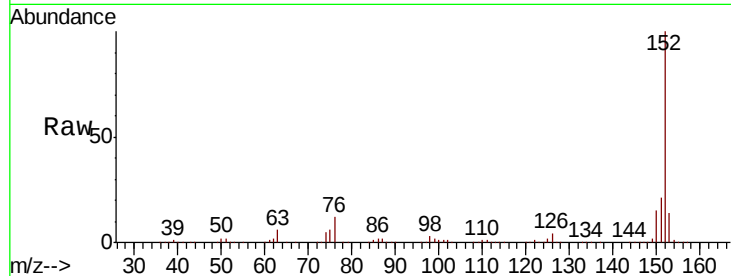
ClientSampleId :

PB121645BSD

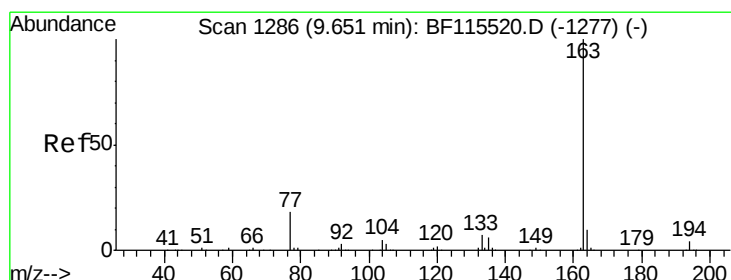
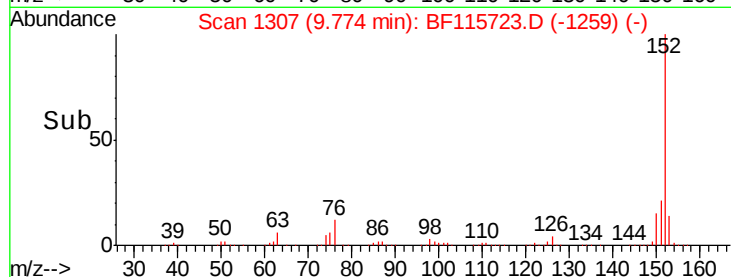
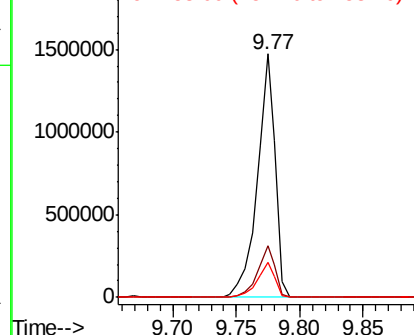
Tot Ion:	152	Resp:	1447110
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.7	26.5
153	14.3	12.0	18.0

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.685 ng

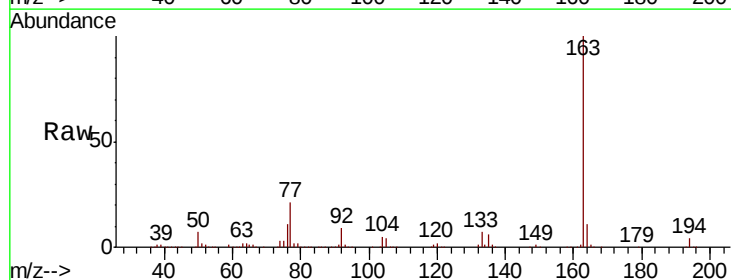
RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

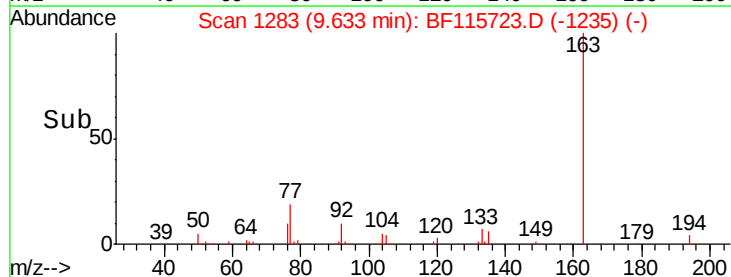
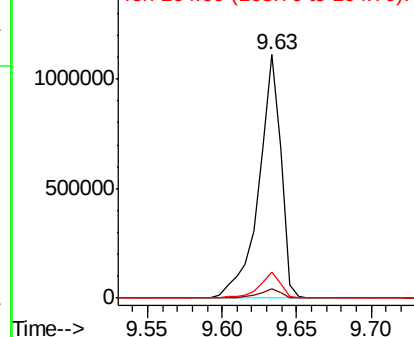
Lab File: BF115723.D

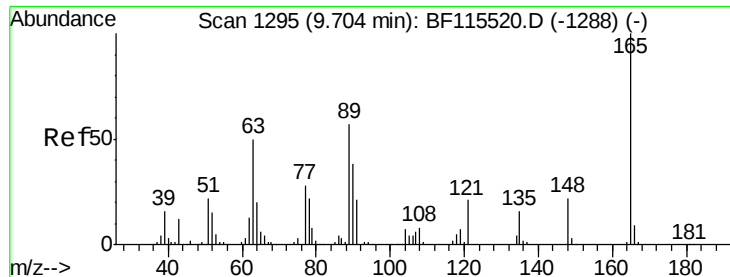
Acq: 23 Jul 2019 17:02

Tgt Ion:	163	Resp:	1126412
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.7	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.765 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

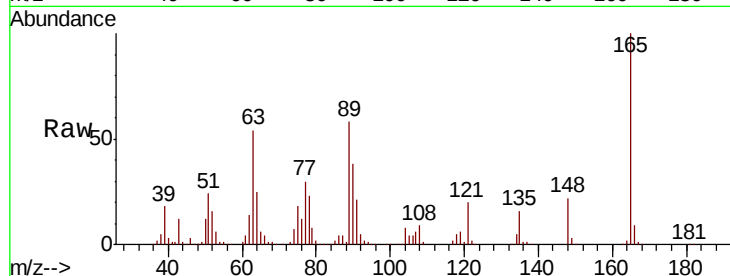
ClientSampleId :

PB121645BSD

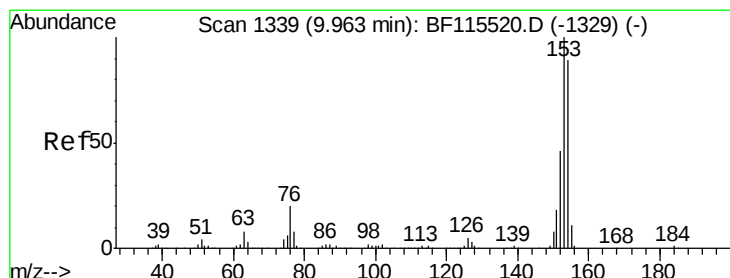
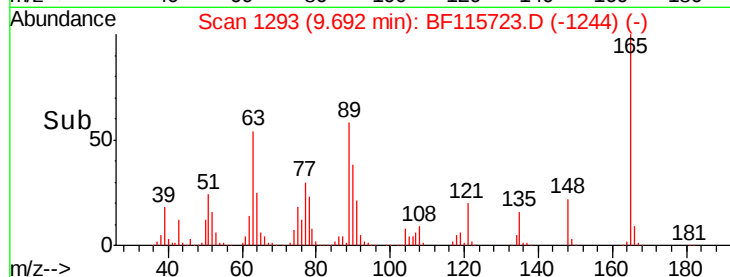
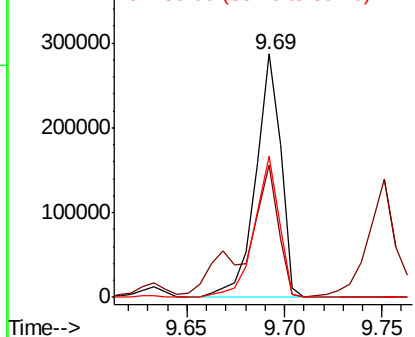
Tot Ion:	165	Resp:	256514
Ion Ratio	Lower	Upper	
165	100		
63	54.3	40.6	61.0
89	57.8	43.9	65.9

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.713 ng

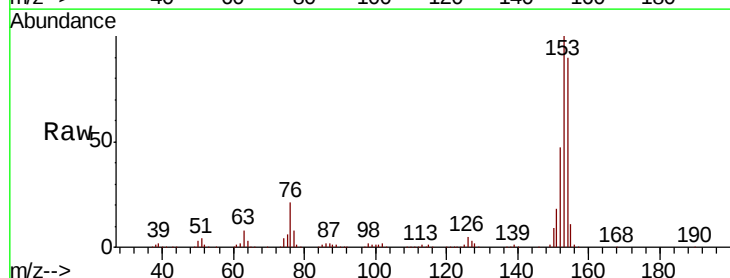
RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

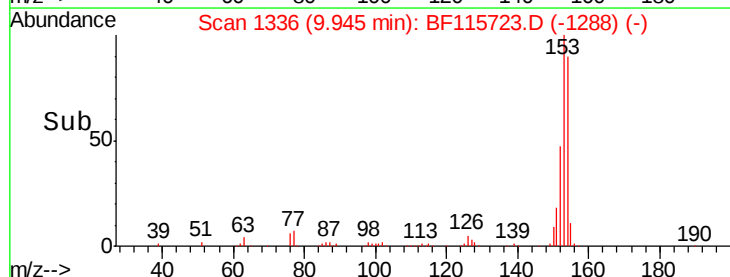
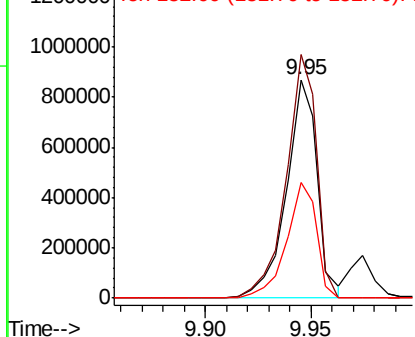
Lab File: BF115723.D

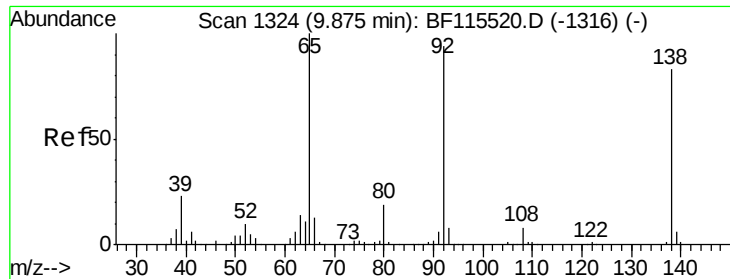
Acq: 23 Jul 2019 17:02

Tgt Ion:	154	Resp:	884796
Ion Ratio	Lower	Upper	
154	100		
153	111.5	88.6	133.0
152	52.9	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





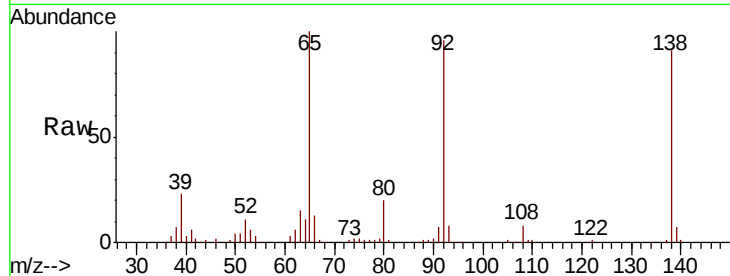
#53
3-Nitroaniline
Concen: 26.428 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	199839		
108	9.1	8.4	12.6	
92	105.6	88.0	132.0	

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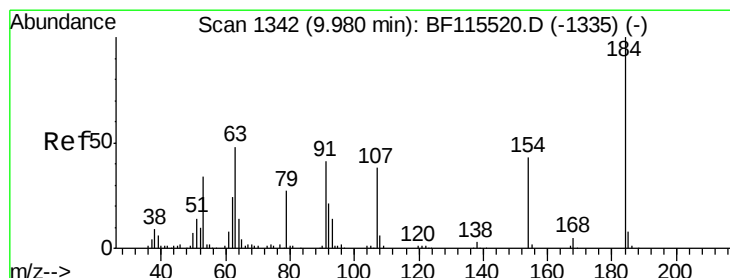
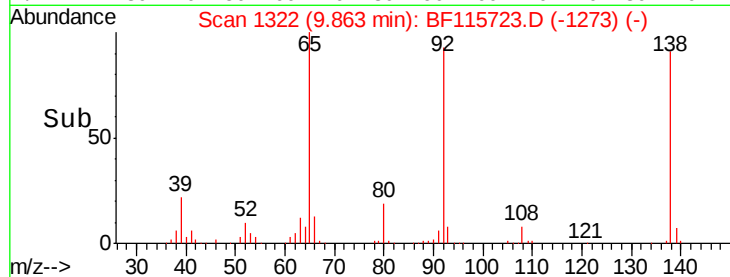
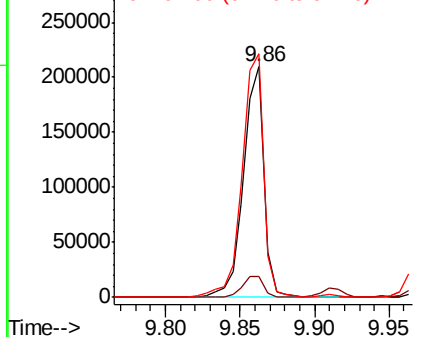


Abundance

Ion 138.00 (137.70 to 138.70): E

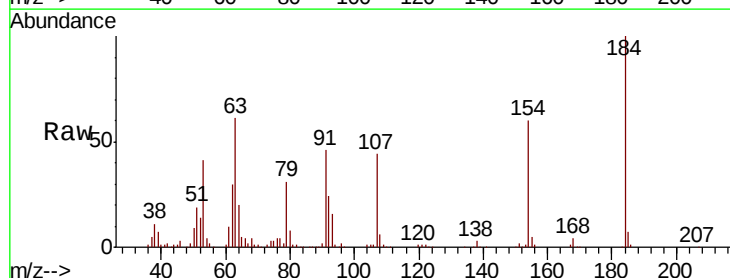
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.210 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	262307		
63	61.3	48.7	73.1	
154	59.8	48.6	73.0	

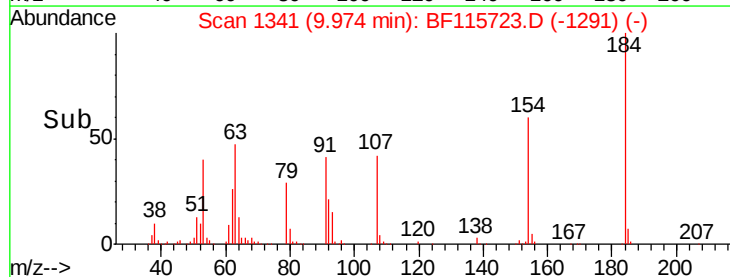
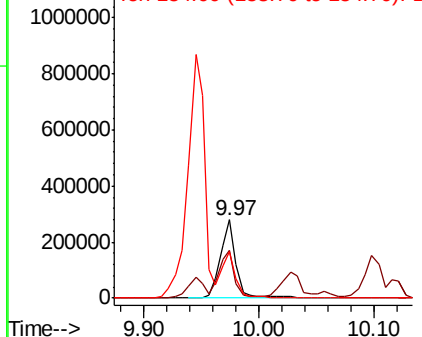


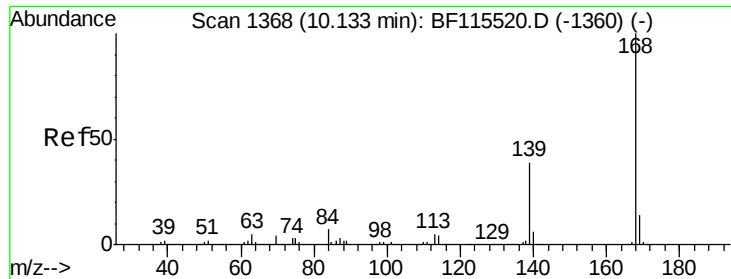
Abundance

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





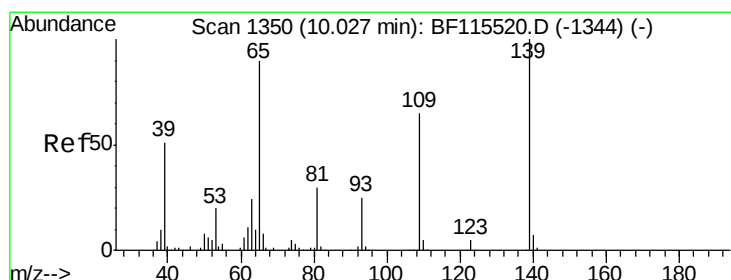
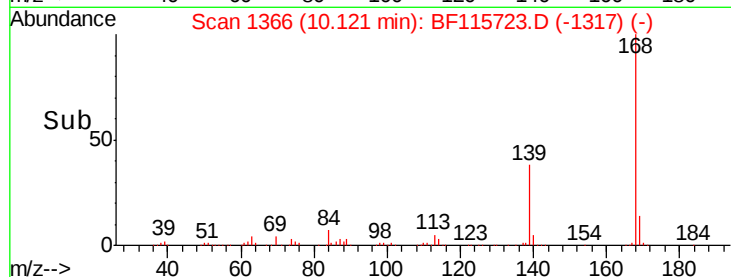
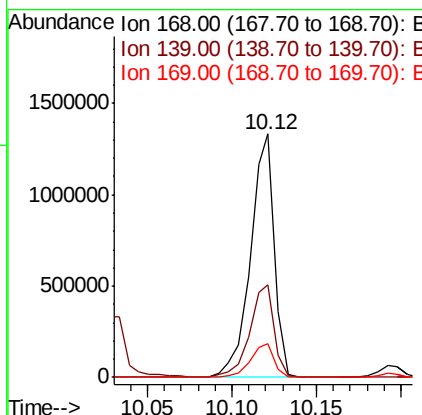
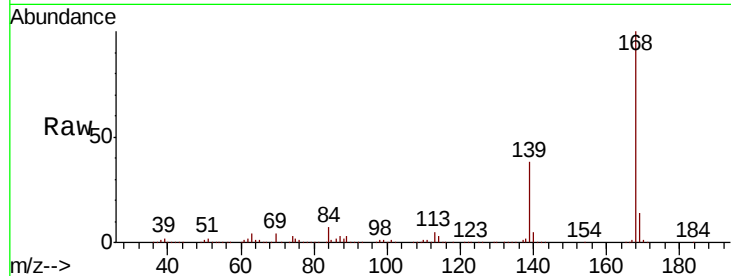
#55
Dibenzenofuran
Concen: 38.313 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.1	46.7
169	13.6	11.1	16.7

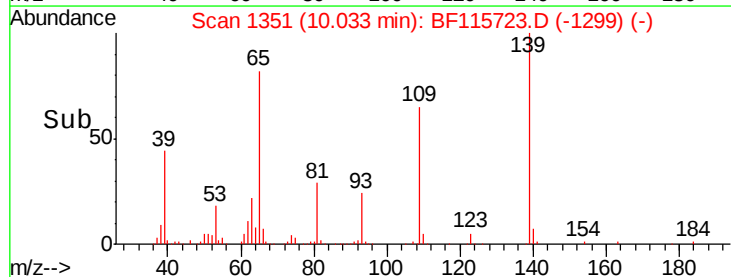
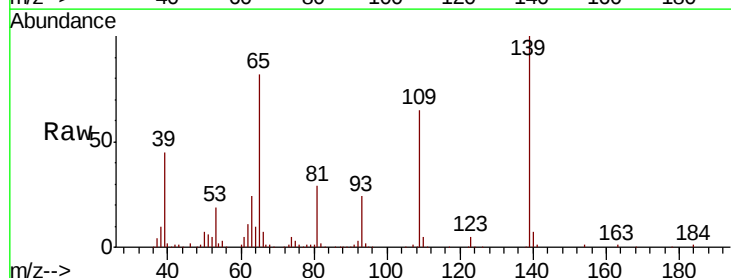
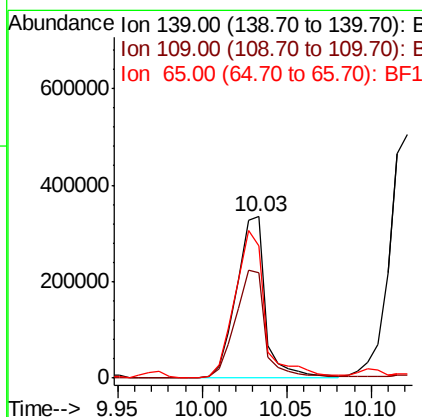
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#56
4-Nitrophenol
Concen: 70.041 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	46.4	86.4
65	81.7	68.9	108.9





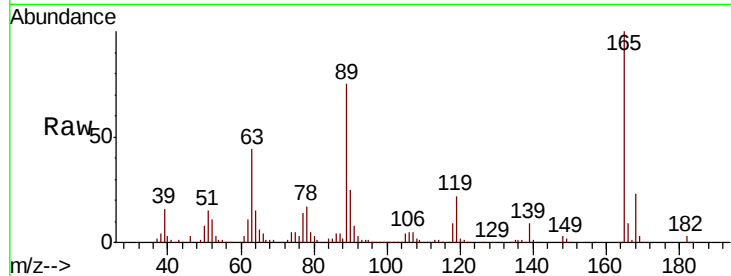
#57
2,4-Dinitrotoluene
Concen: 39.545 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

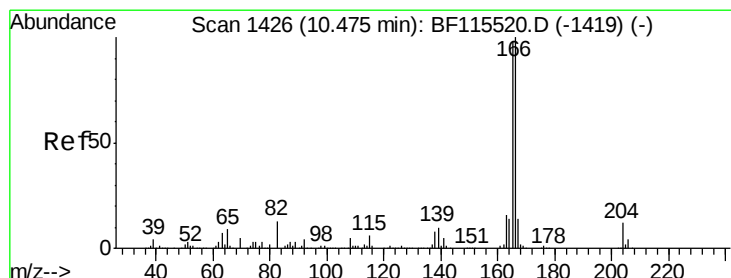
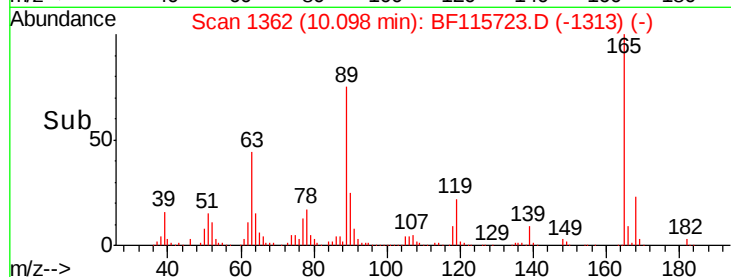
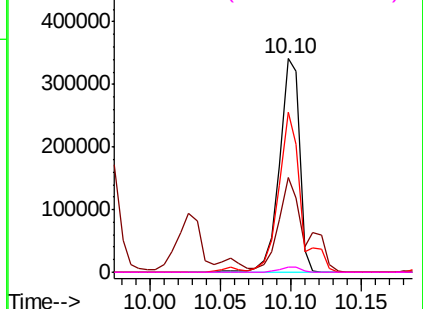
Tot Ion	Ratio	Resp	Lower	Upper
165	100	339015		
63	44.2	34.9	52.3	
89	75.2	57.5	86.3	
182	2.6	2.2	3.4	

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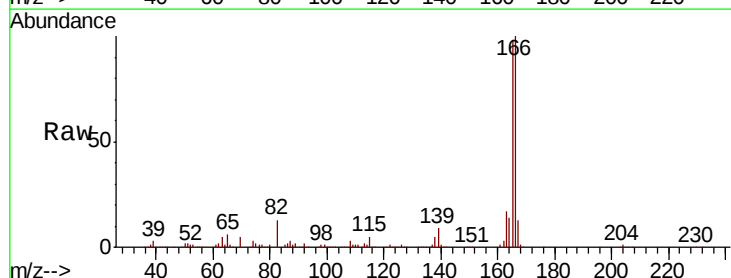


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

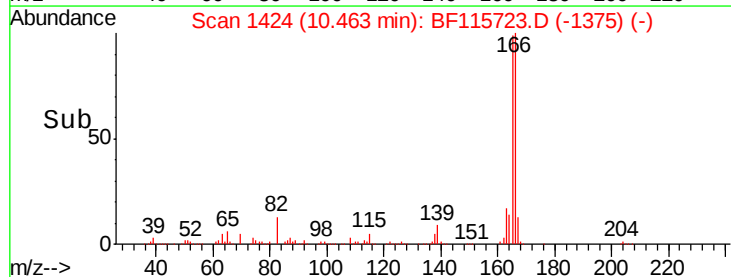
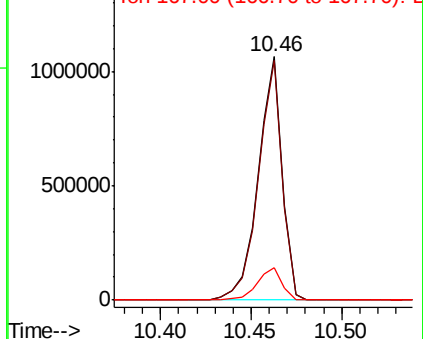


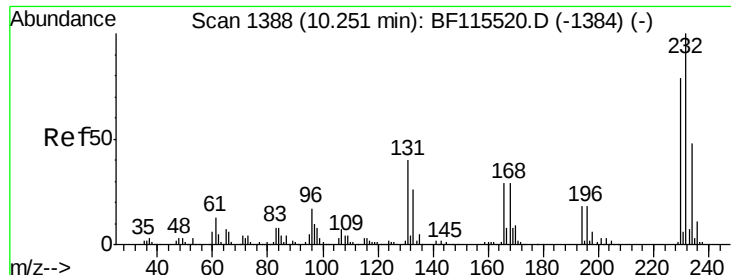
#58
Fluorene
Concen: 39.760 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	972815		
165	98.5	79.8	119.6	
167	13.3	11.2	16.8	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





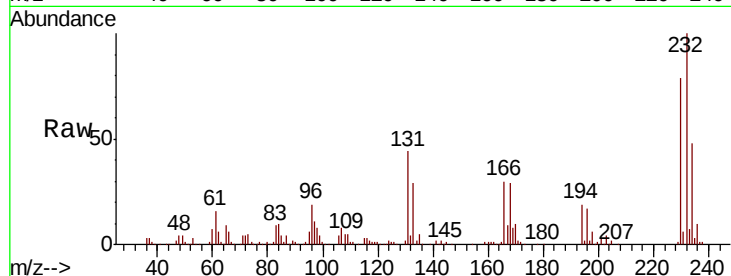
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.819 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	290529		
131	45.9		35.9	53.9
130	2.3		1.8	2.6
166	29.3		24.8	37.2

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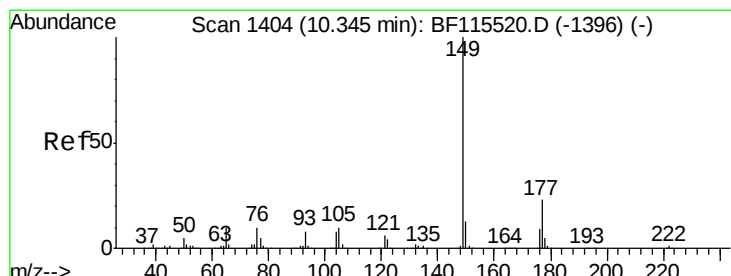
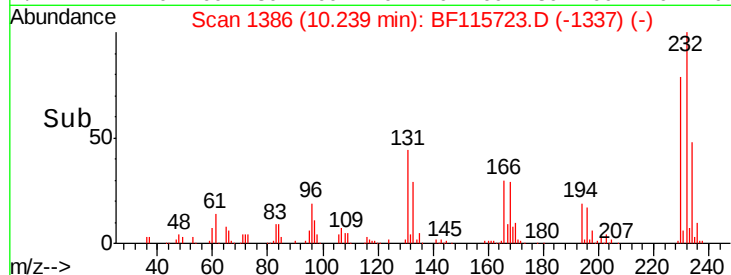
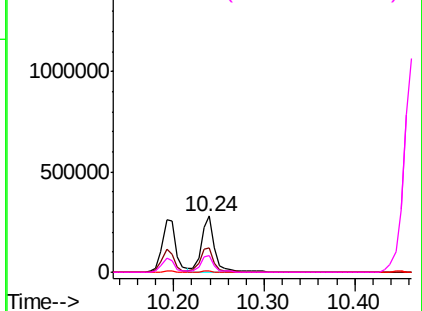
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.679 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

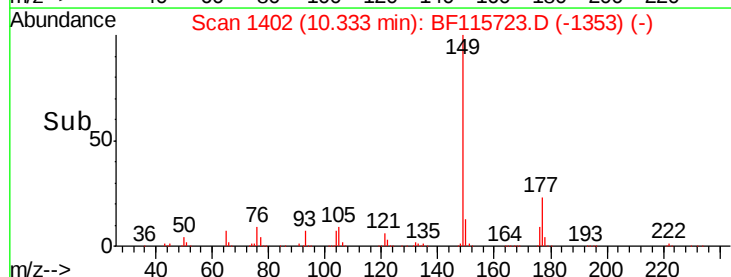
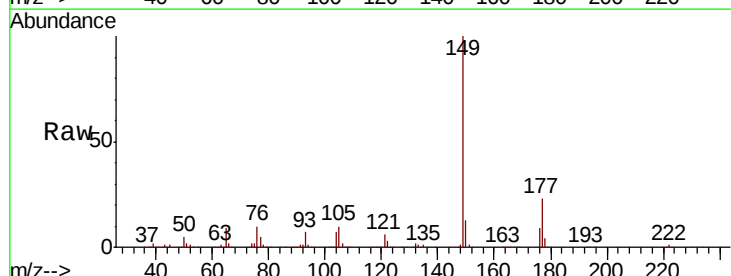
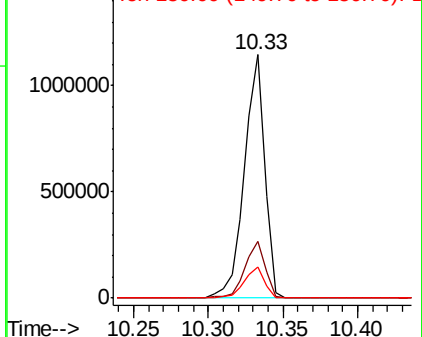
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1082518		
177	23.1		19.5	29.3
150	12.8		10.4	15.6

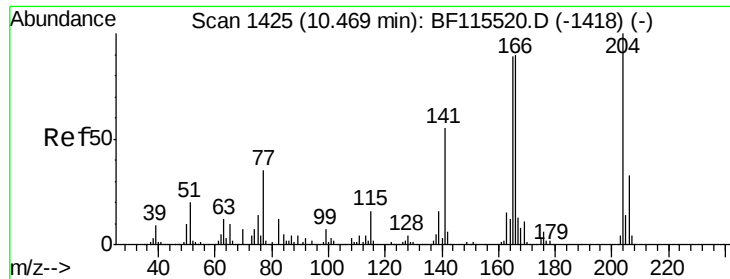
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





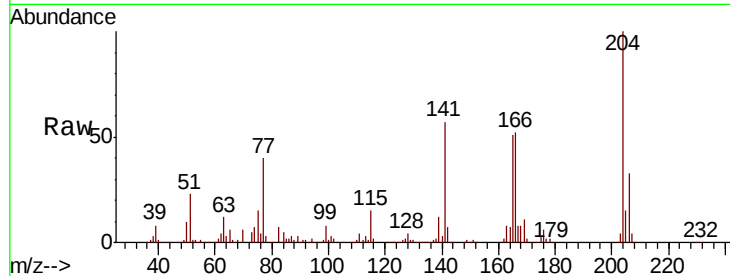
#61
 4-Chlorophenyl-phenylether
 Concen: 37.214 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

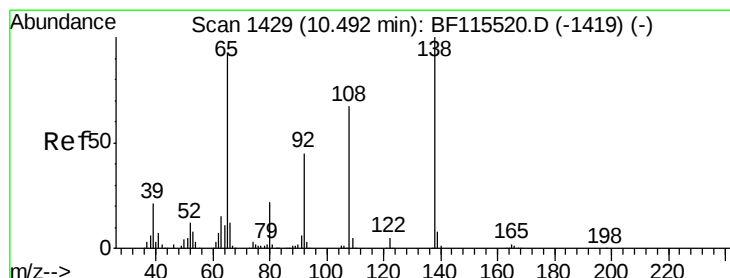
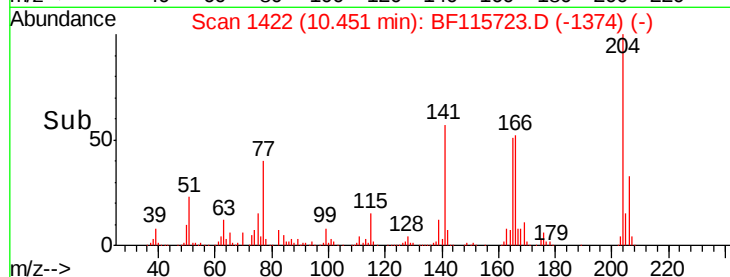
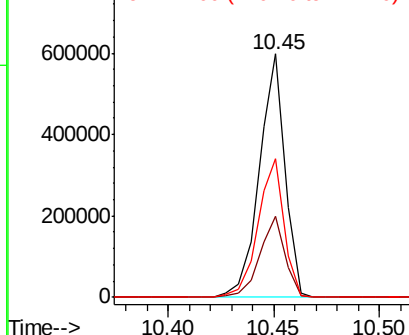
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	57.1	44.2	66.2

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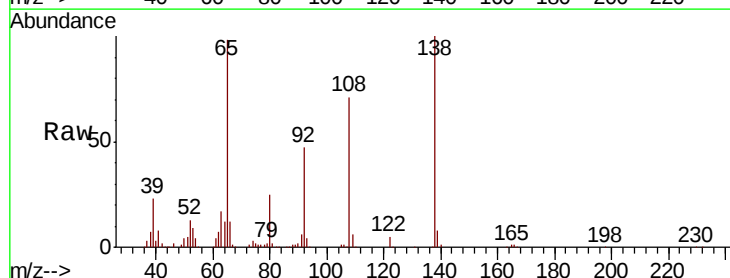


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

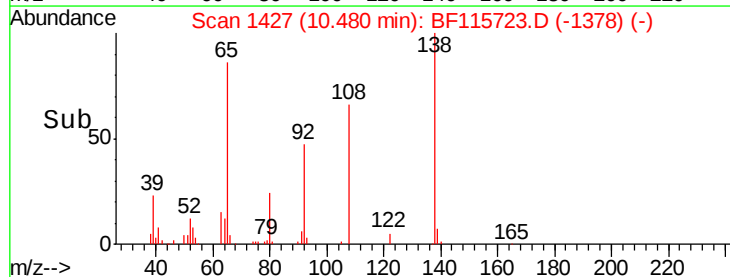
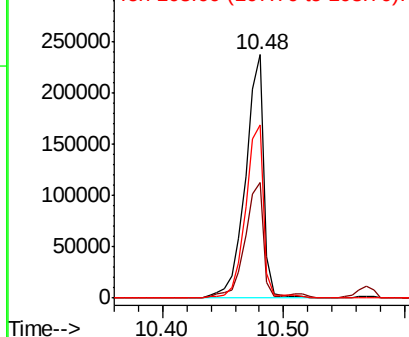


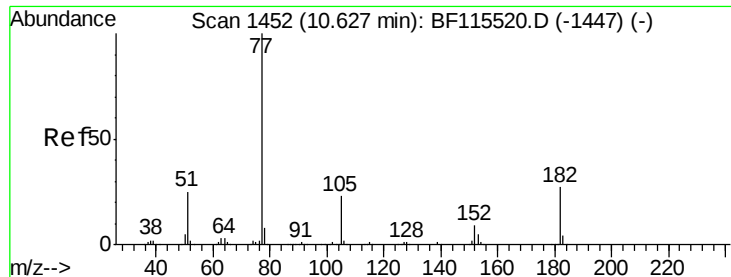
#62
 4-Nitroaniline
 Concen: 34.813 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.1	67.1
108	71.0	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





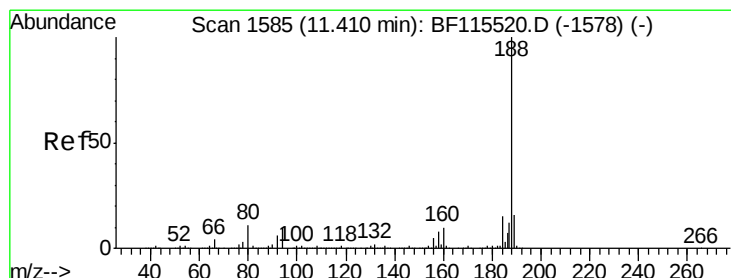
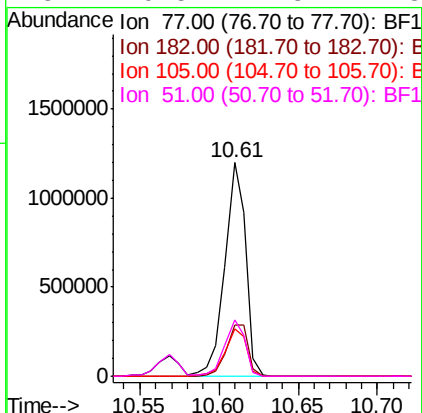
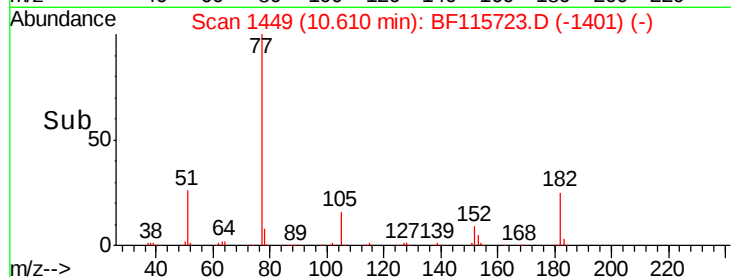
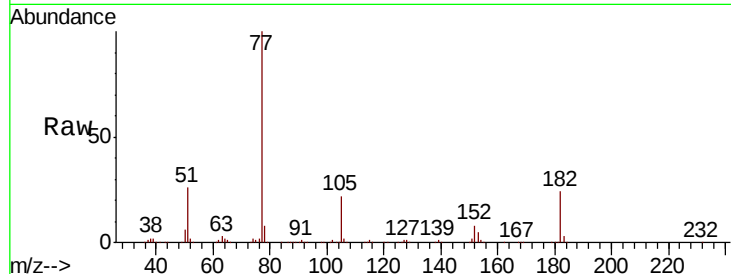
#63
Azobenzene
Concen: 41.095 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.9	6.9	46.9	
105	22.3	3.9	43.9	
51	26.5	7.3	47.3	

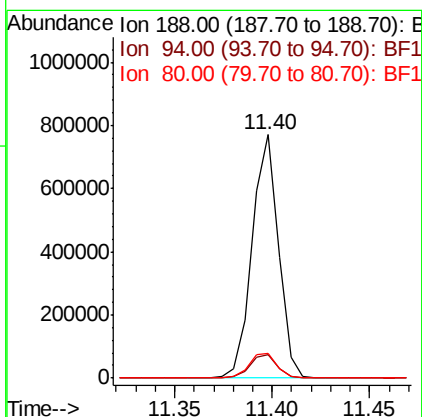
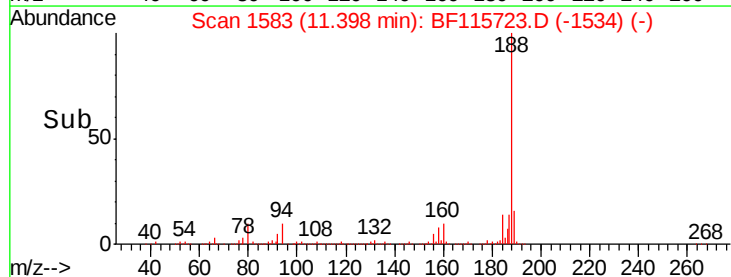
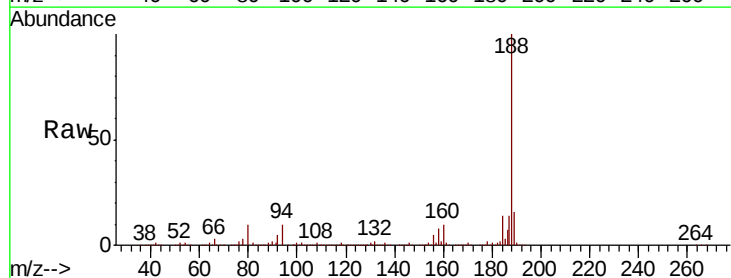
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.8	11.6	
80	10.3	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.289 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

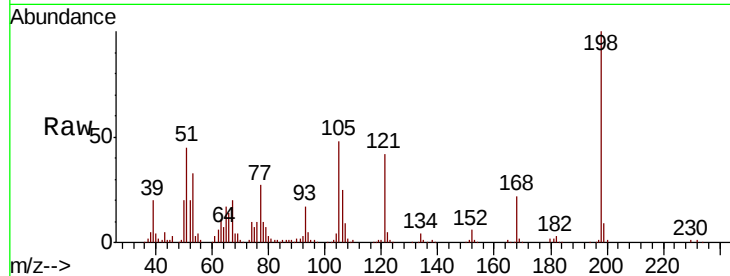
ClientSampleId :

PB121645BSD

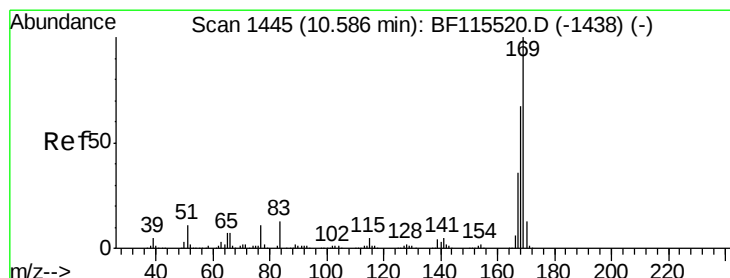
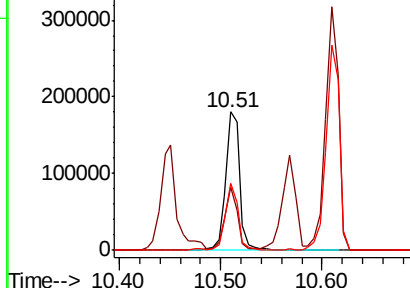
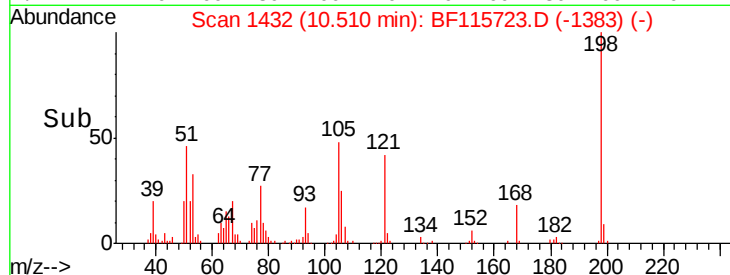
Tot Ion:	198	Resp:	172787
Ion Ratio	Lower	Upper	
198	100		
51	45.5	19.1	59.1
105	48.1	23.6	63.6

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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: 40.352 ng

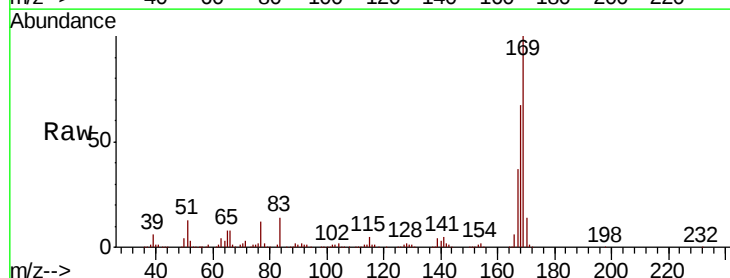
RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

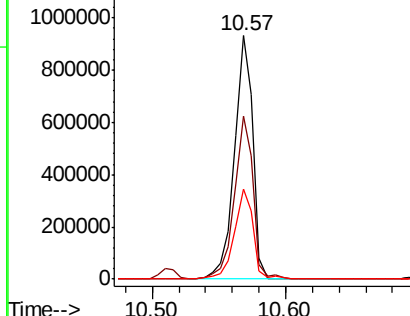
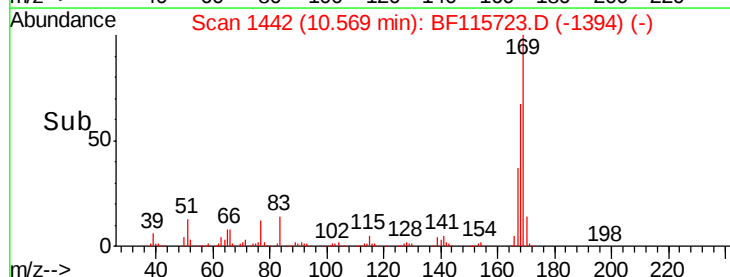
Lab File: BF115723.D

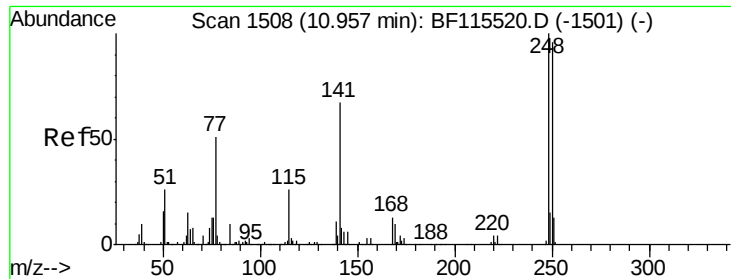
Acq: 23 Jul 2019 17:02

Tgt Ion:	169	Resp:	903521
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.3	81.5
167	37.2	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





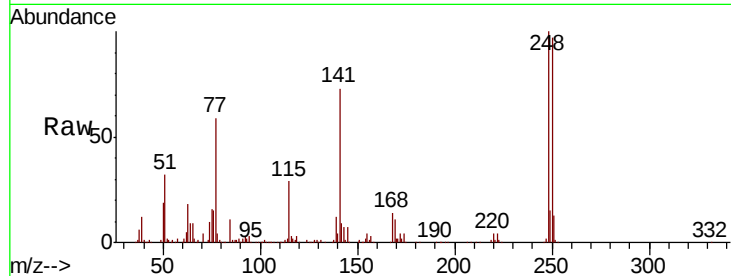
#67
4-Bromophenyl-phenylether
Concen: 38.516 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.0	117.0
141	73.4	57.7	86.5

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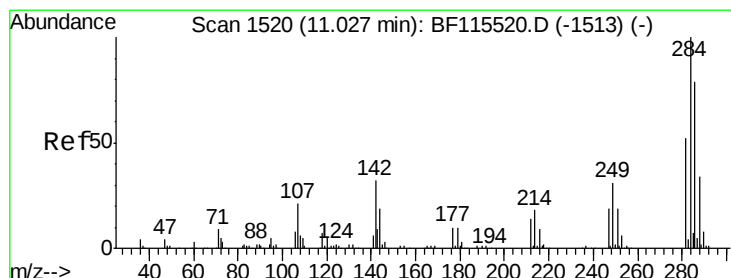
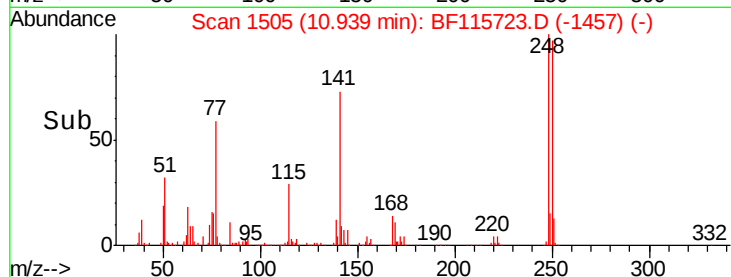
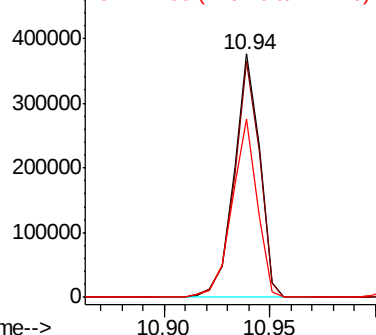


Abundance

Ion 248.00 (247.70 to 248.70): E

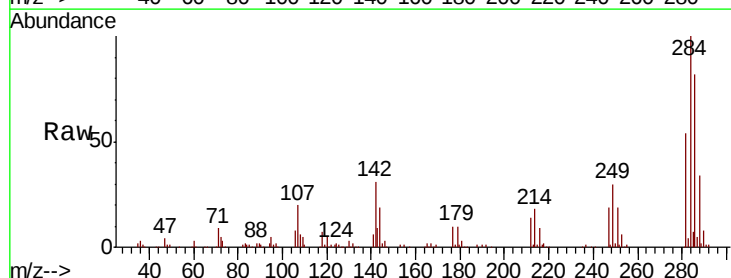
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.561 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	22.2	33.2
249	30.5	23.4	35.2

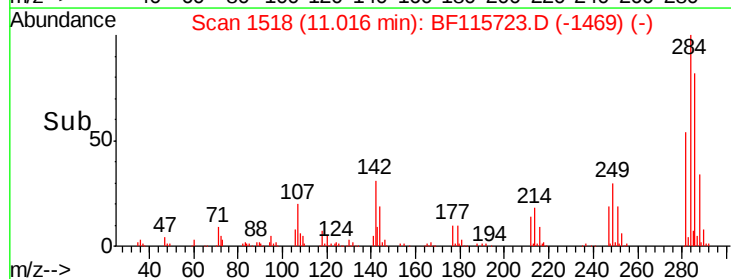
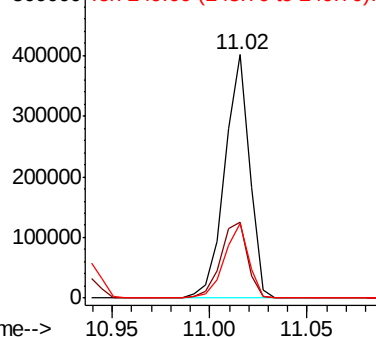


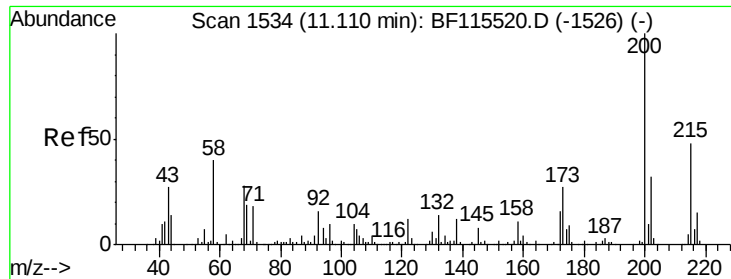
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





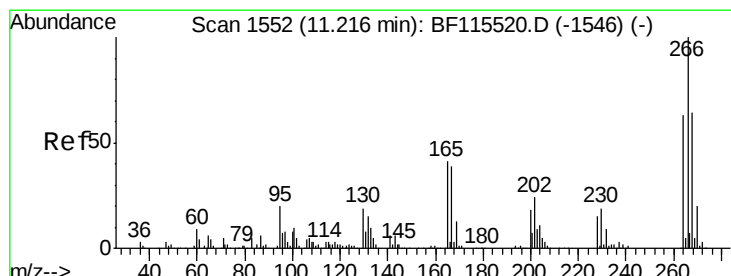
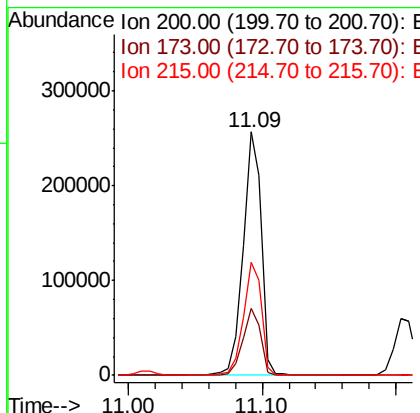
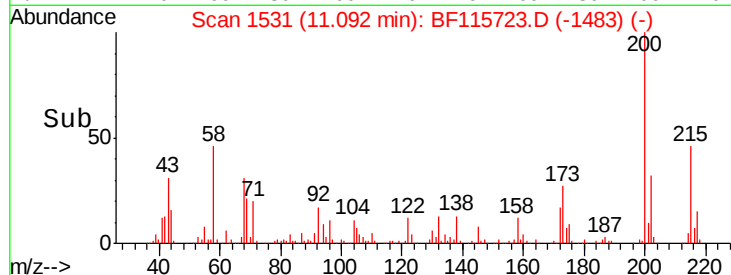
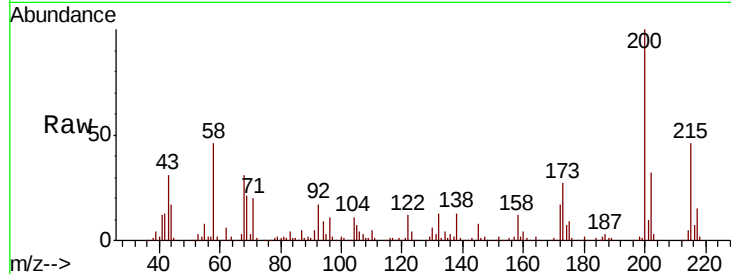
#69
 Atrazine
 Concen: 32.568 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	6.9	46.9
215	46.3	27.9	67.9

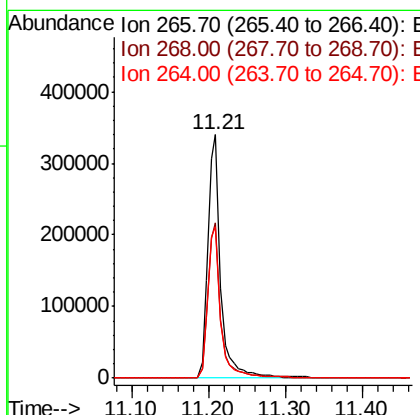
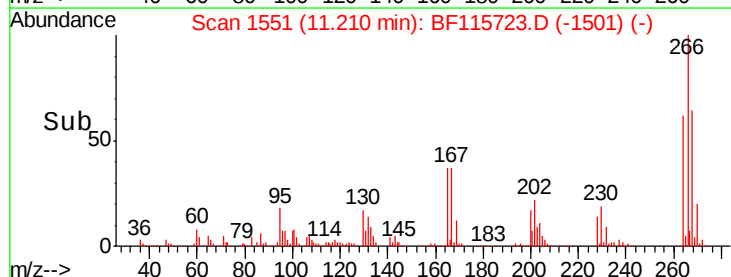
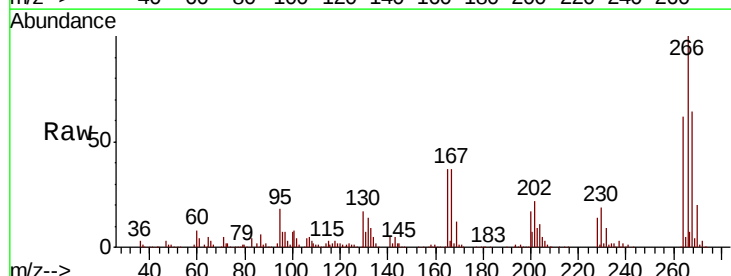
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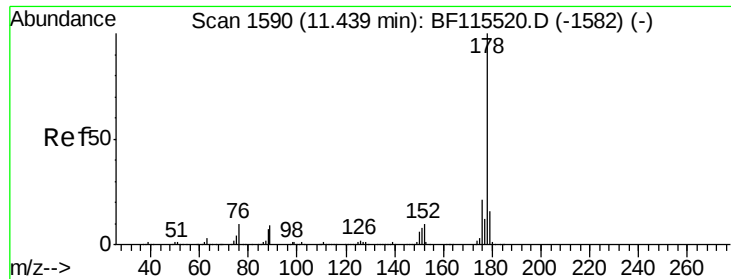
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#70
 Pentachlorophenol
 Concen: 68.309 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	51.6	77.4
264	62.2	50.6	76.0





#71

Phenanthrene

Concen: 39.344 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB121645BSD

Tot Ion:178 Resp: 1451692

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

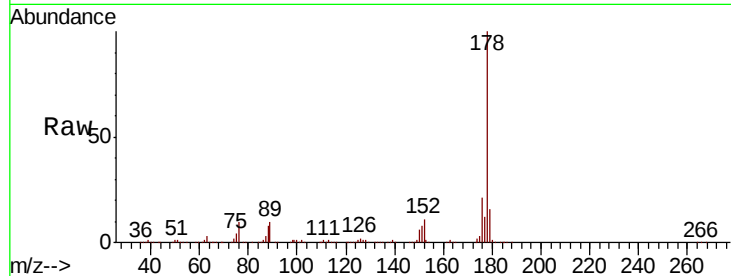
179 16.1 13.5 20.3

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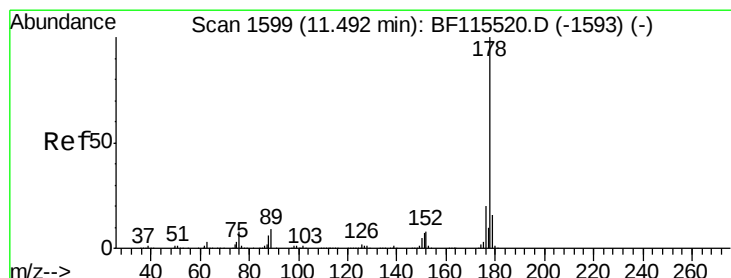
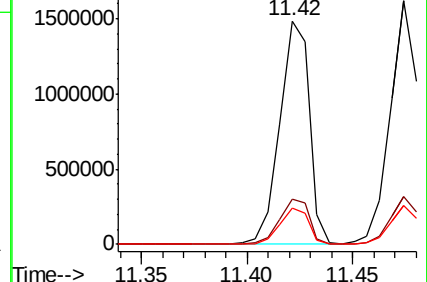
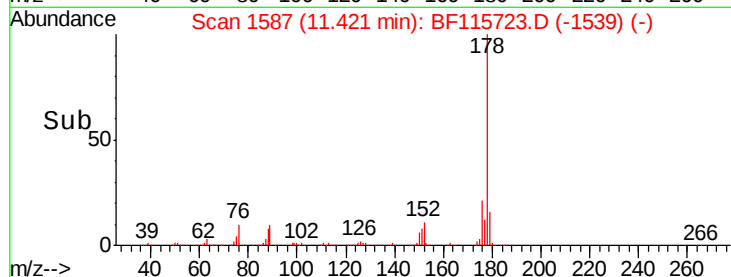
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.605 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

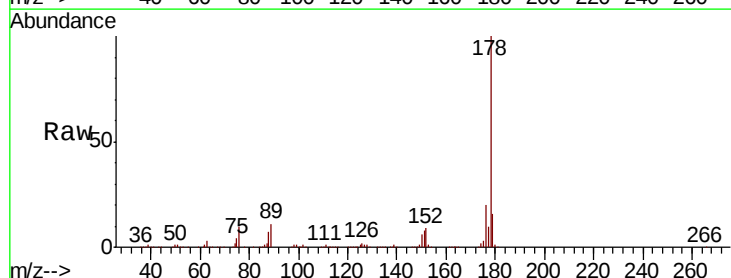
Tgt Ion:178 Resp: 1472091

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

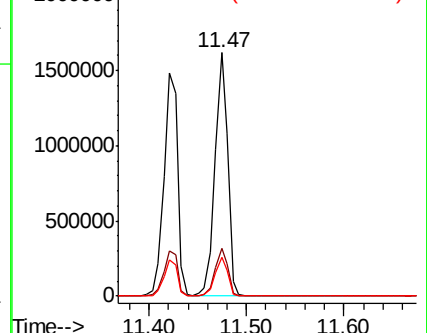
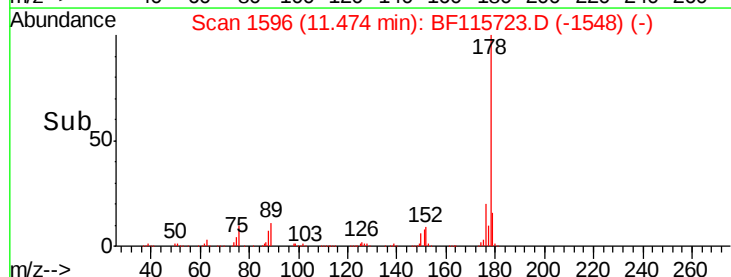
179 16.0 12.7 19.1

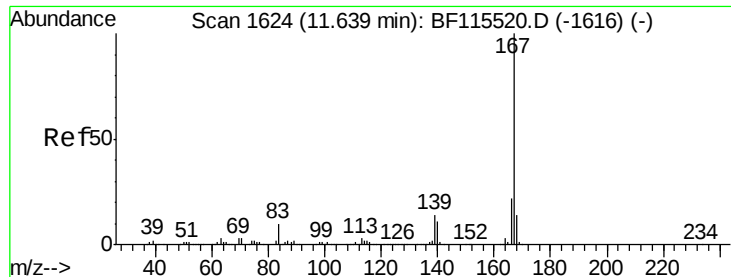


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





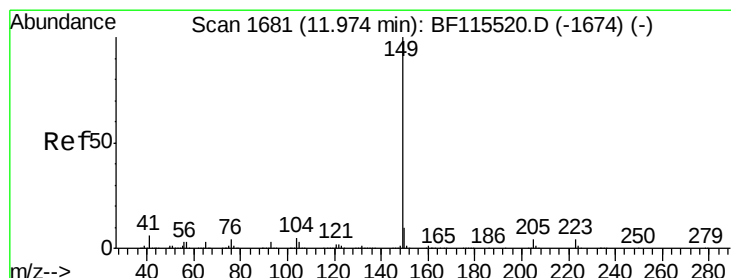
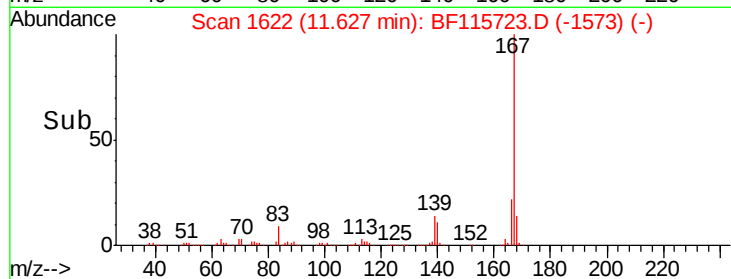
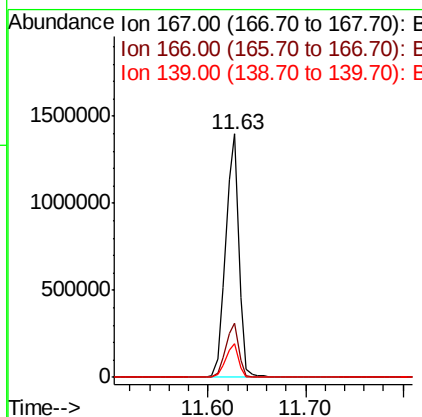
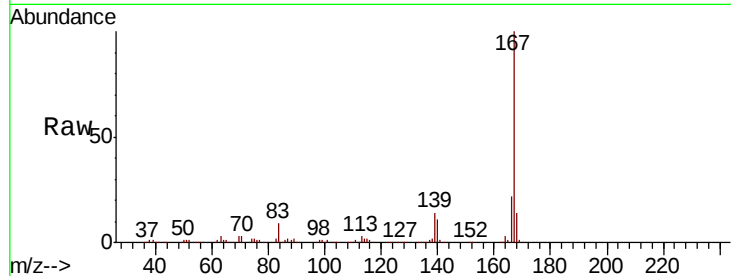
#73
 Carbazole
 Concen: 39.420 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	18.1	27.1	
139	13.6	11.3	16.9	

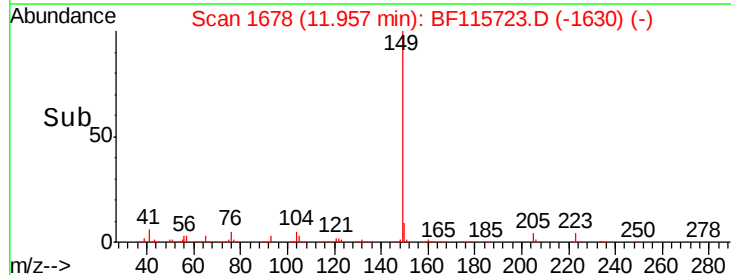
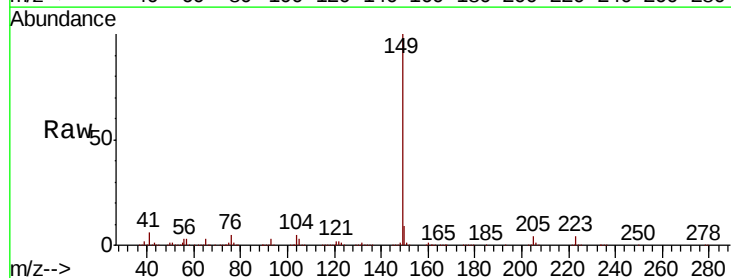
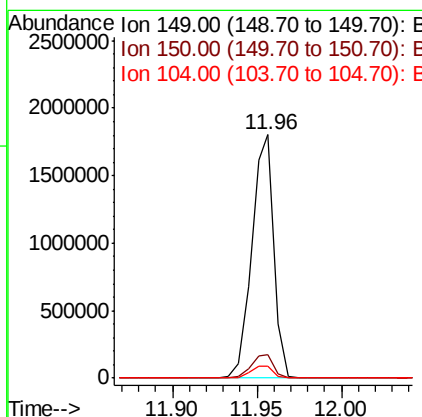
Manual Integrations
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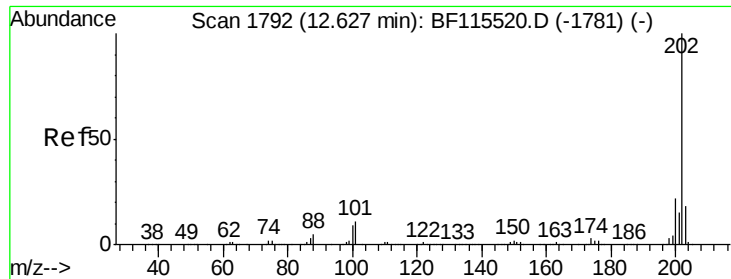
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.785 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	5.1	3.8	5.8	





#75

Fluoranthene

Concen: 38.706 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

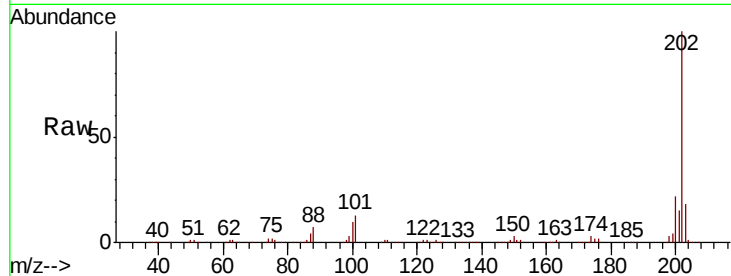
ClientSampleId :

PB121645BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.4
203	18.3	0.0	38.1

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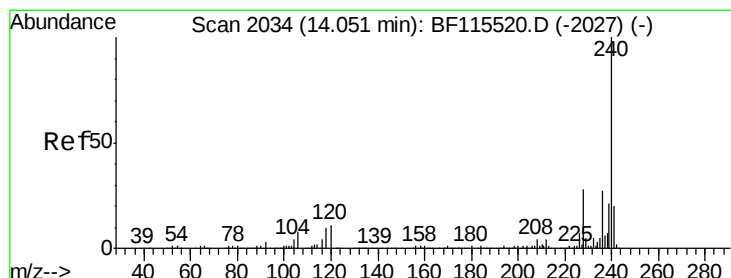
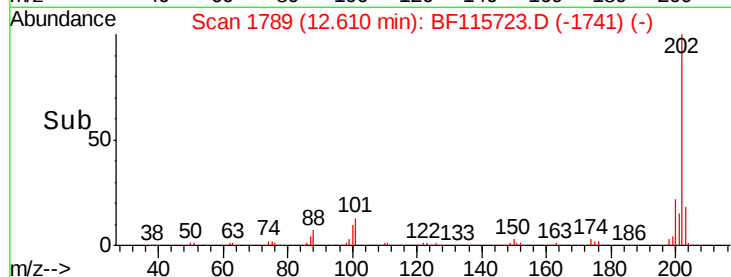
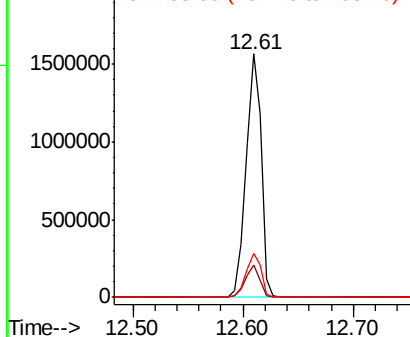


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

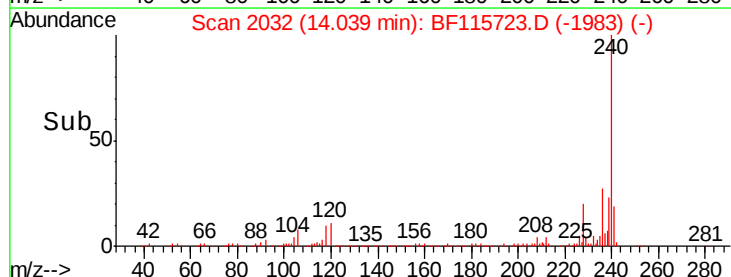
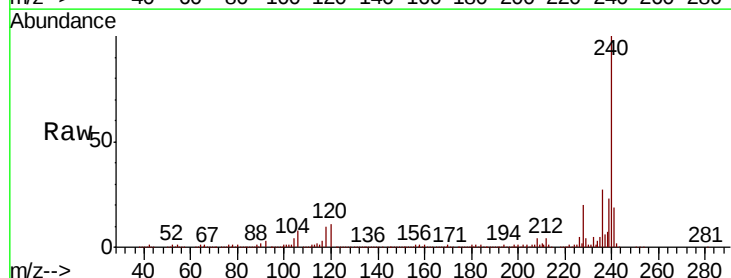
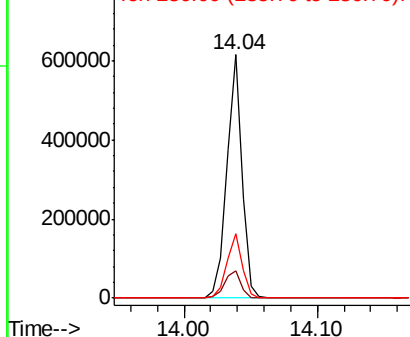
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	26.6	21.3	31.9

Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.719 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

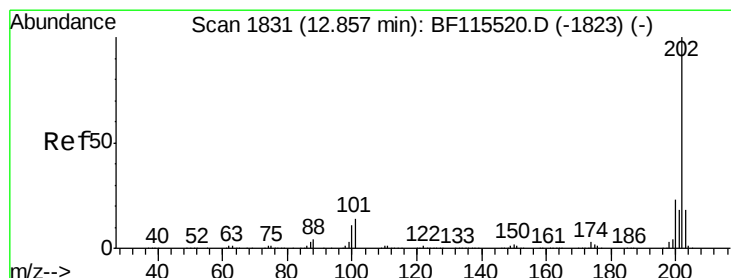
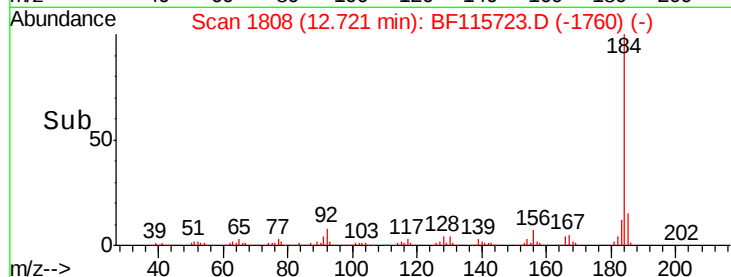
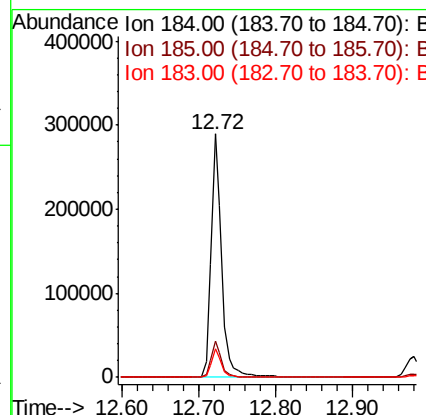
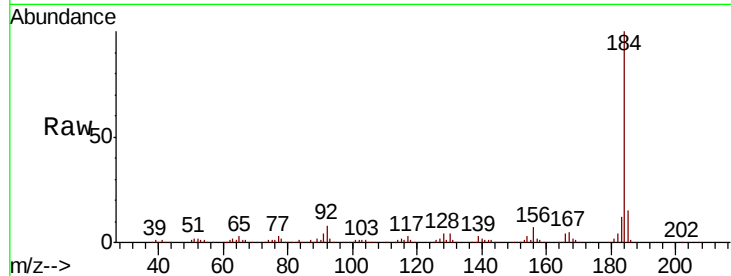
ClientSampleId :

PB121645BSD

Tot Ion:	184	Resp:	275924
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.8	9.3	13.9

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#78

Pyrene

Concen: 36.535 ng

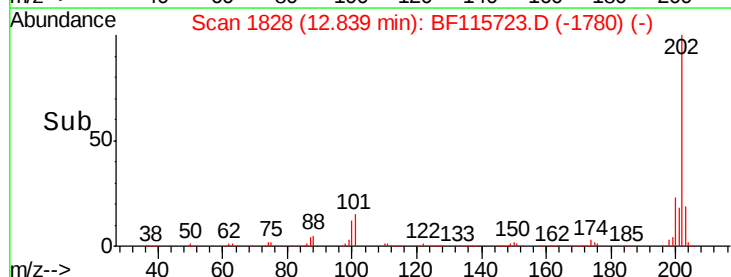
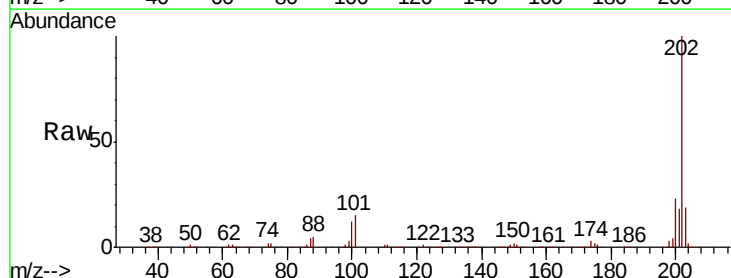
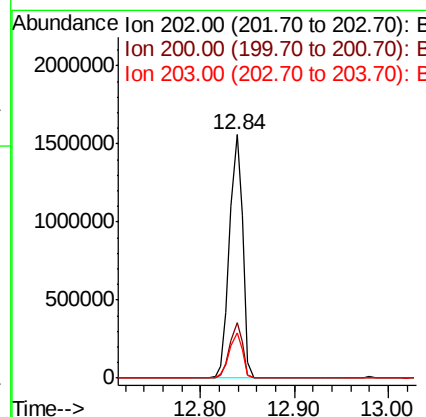
RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Tgt Ion:	202	Resp:	1533757
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.7	28.1
203	18.5	15.2	22.8





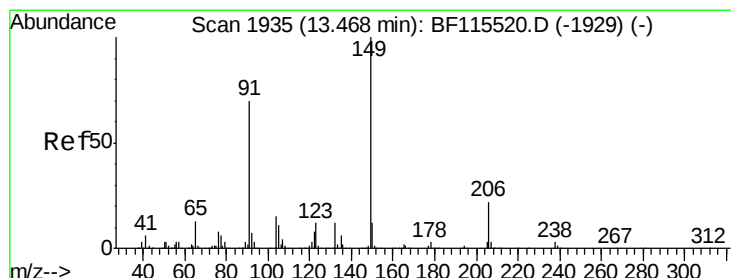
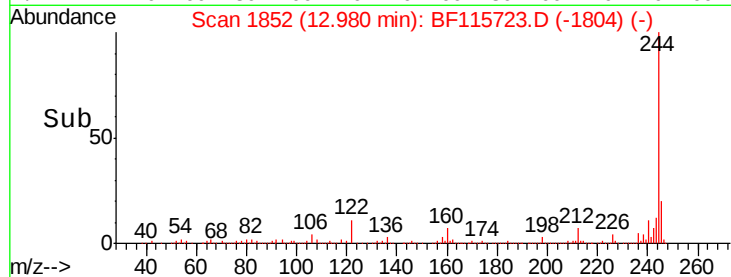
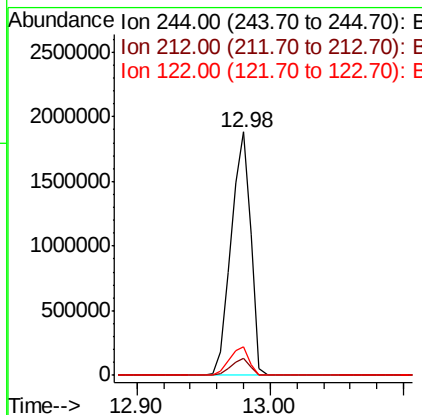
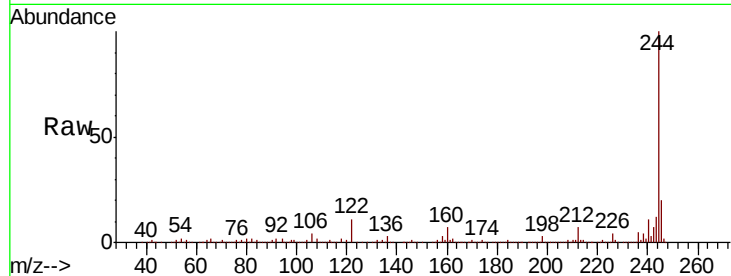
#79
 Terphenyl-d14
 Concen: 72.822 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.5	8.6	12.8

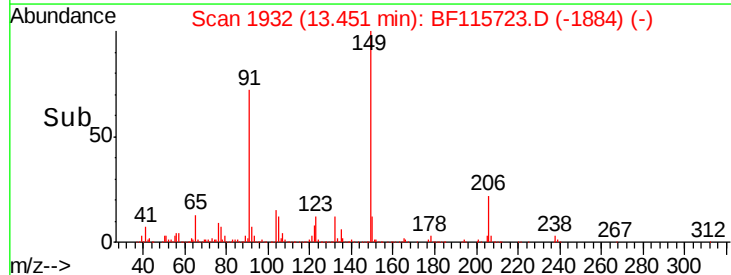
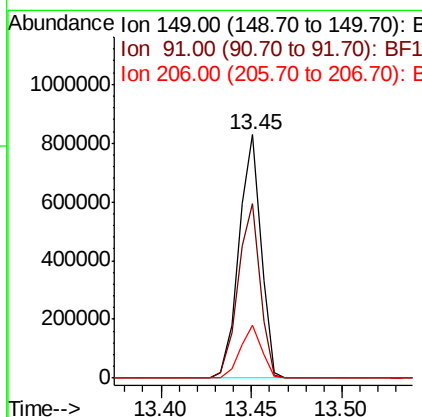
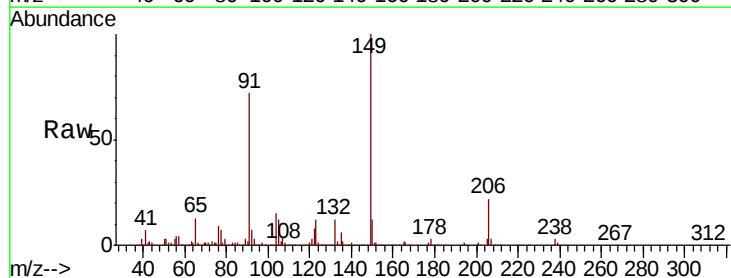
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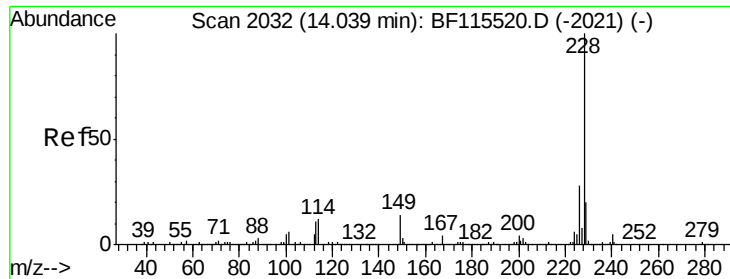
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#80
 Butylbenzylphthalate
 Concen: 39.045 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115723.D
 Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	55.8	83.8
206	21.7	18.2	27.2





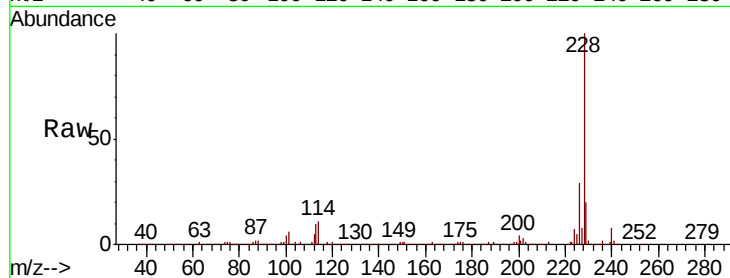
#81
Benzo(a)anthracene
Concen: 38.538 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.3	17.2	25.8

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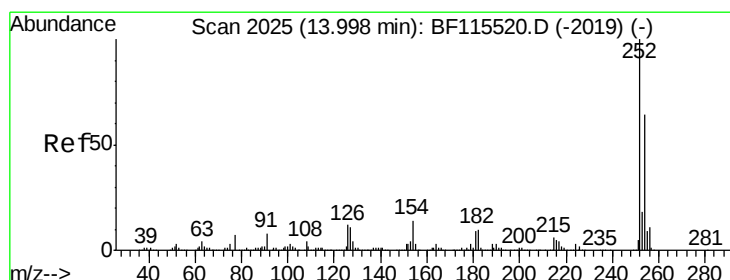
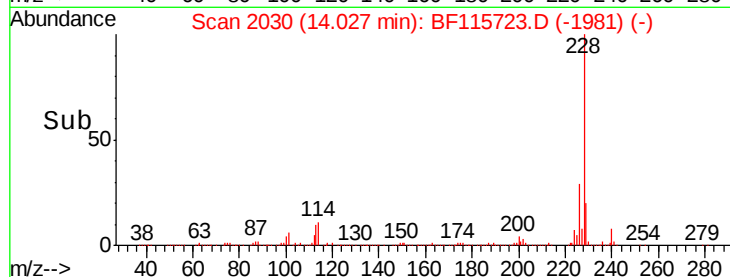
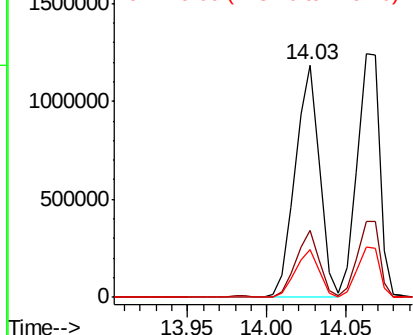


Abundance

Ion 228.00 (227.70 to 228.70): E

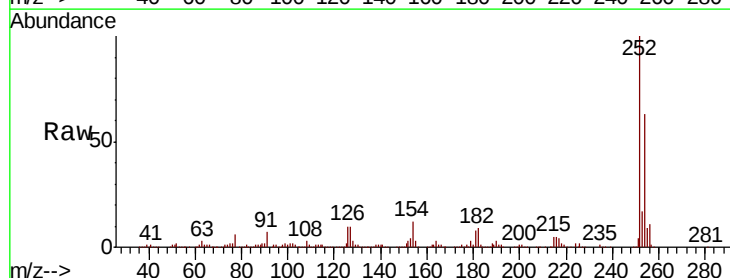
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.509 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.9	79.3
126	10.0	9.9	14.9

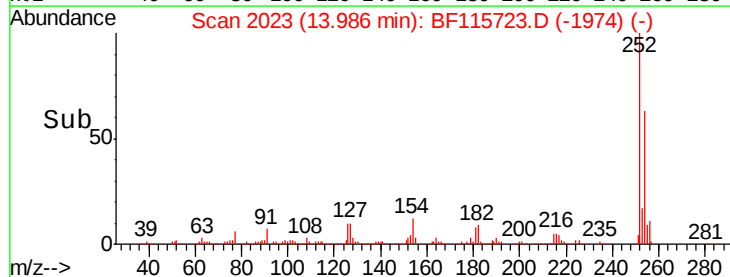
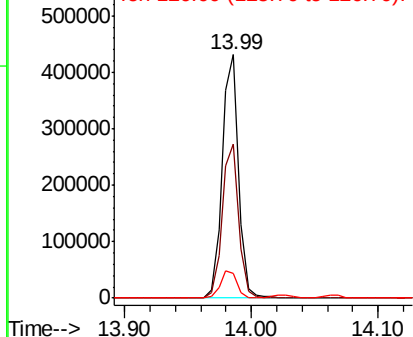


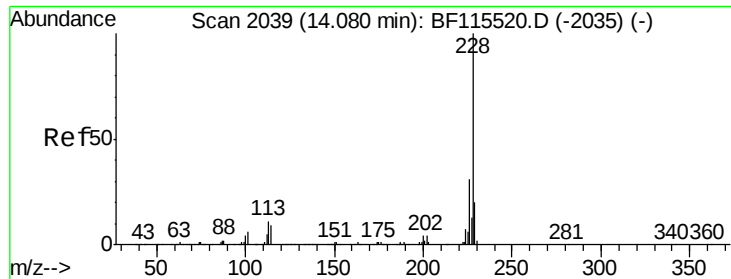
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





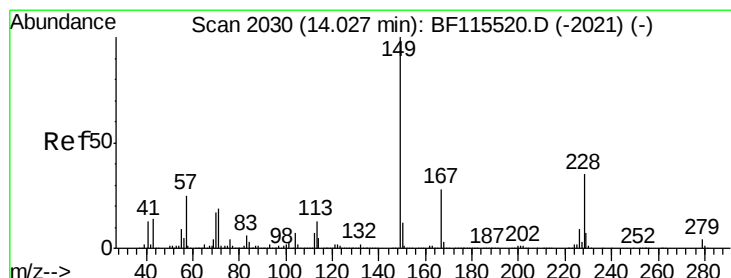
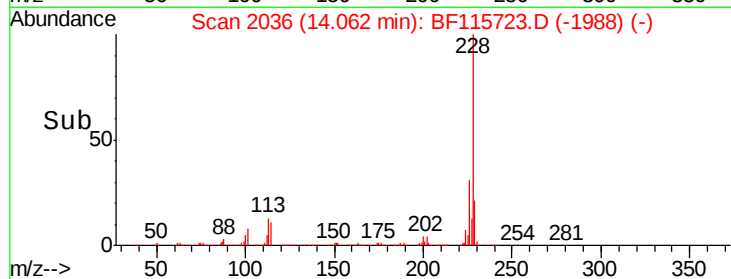
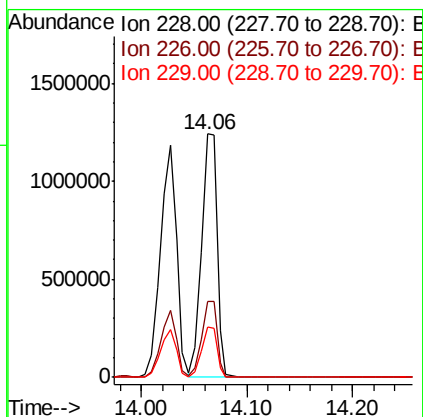
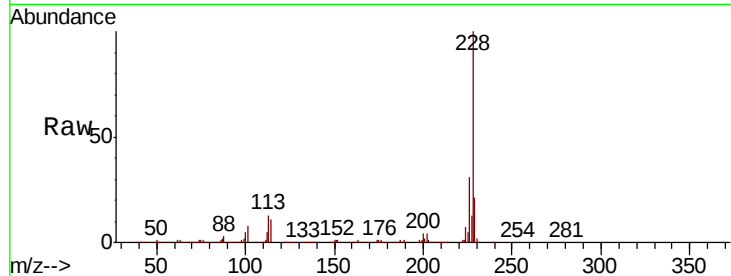
#83
Chrysene
Concen: 38.144 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.8	16.6	25.0

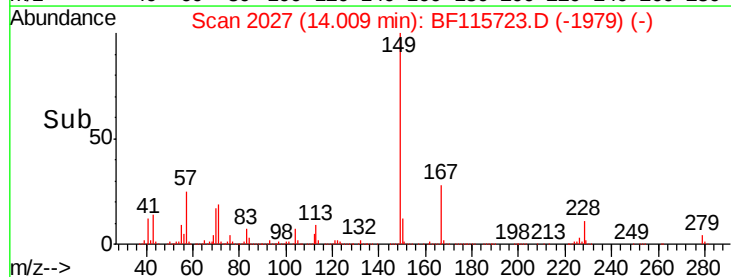
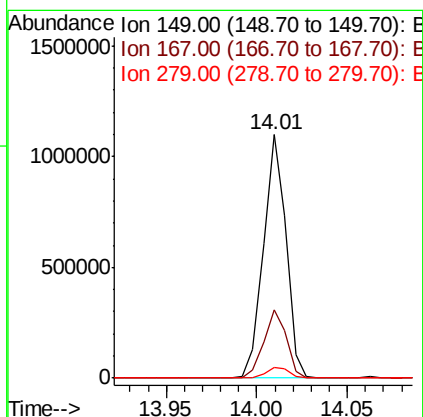
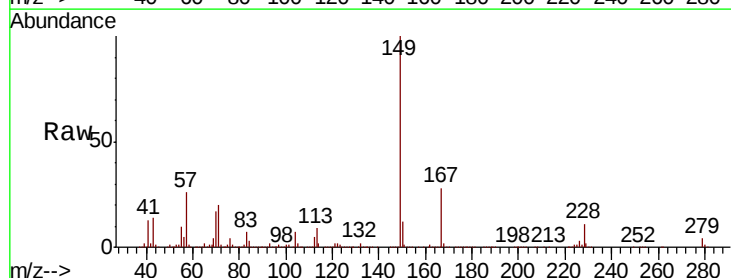
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.245 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	4.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.212 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB121645BSD

Tot Ion:149 Resp: 1524104

Ion Ratio Lower Upper

149 100

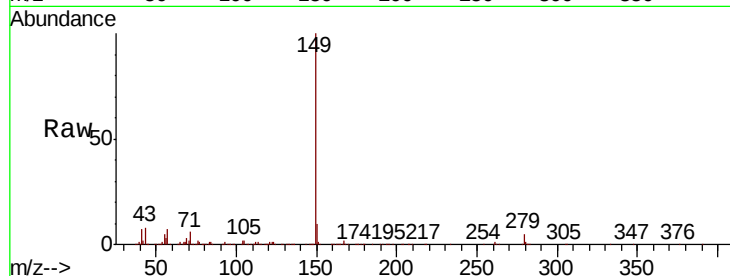
167 1.7 1.4 2.0

43 8.9 7.2 10.8

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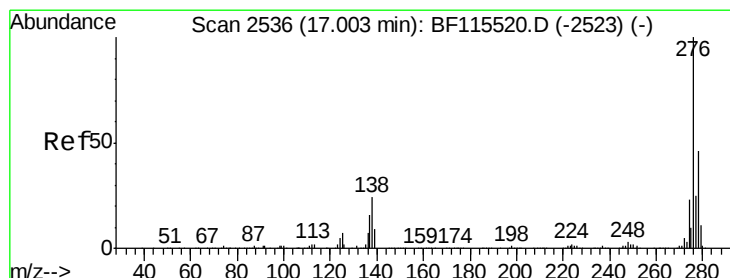
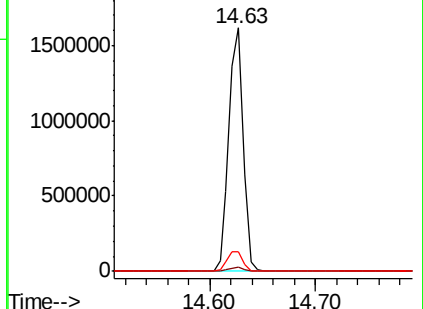
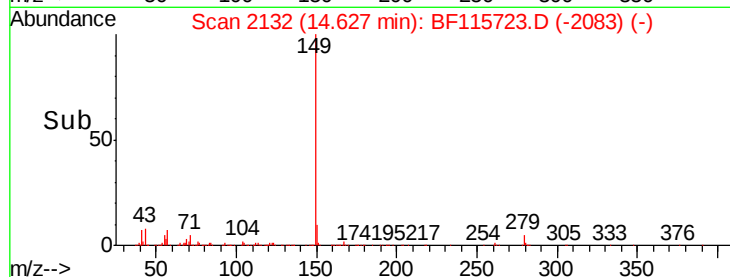
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.960 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115723.D

Acq: 23 Jul 2019 17:02

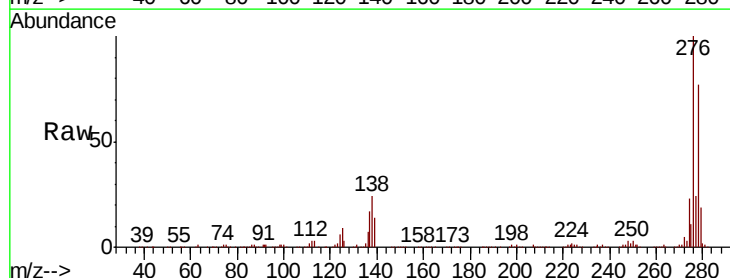
Tgt Ion:276 Resp: 1056834

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

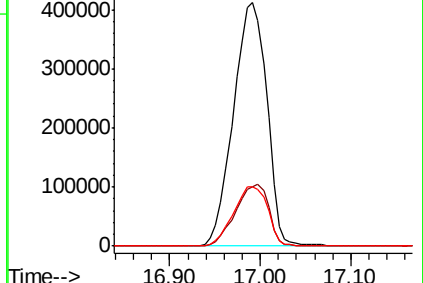
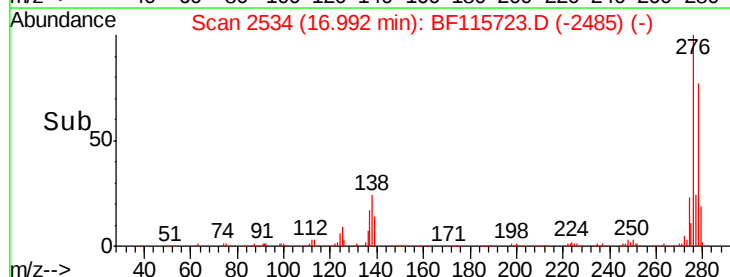
277 25.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





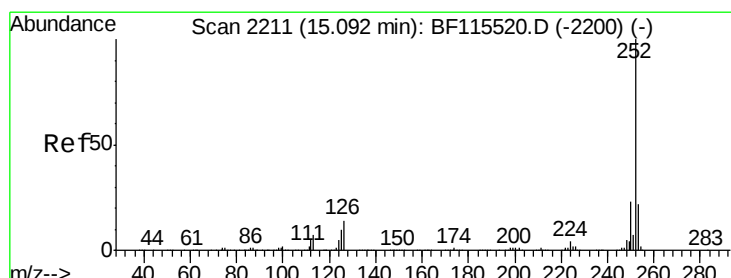
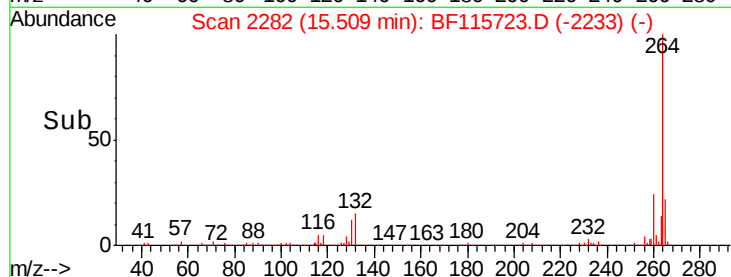
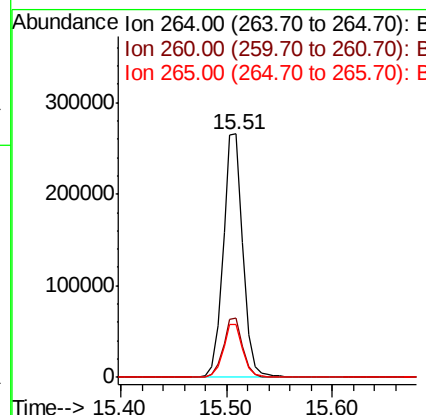
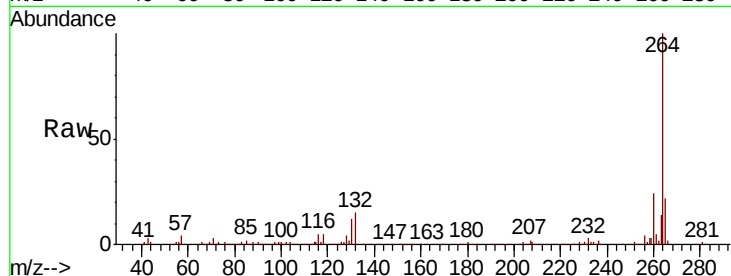
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.7	17.7	26.5

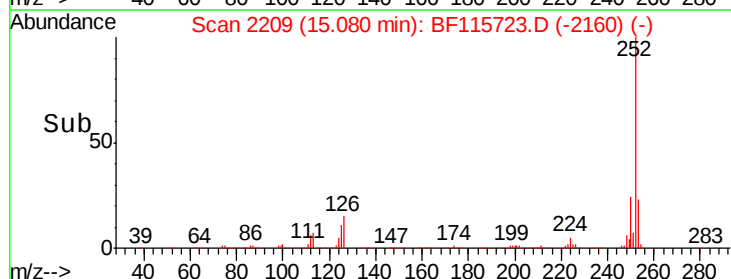
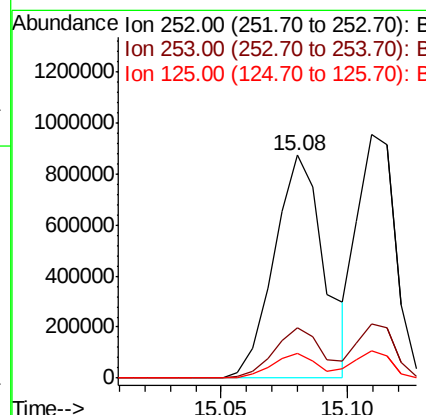
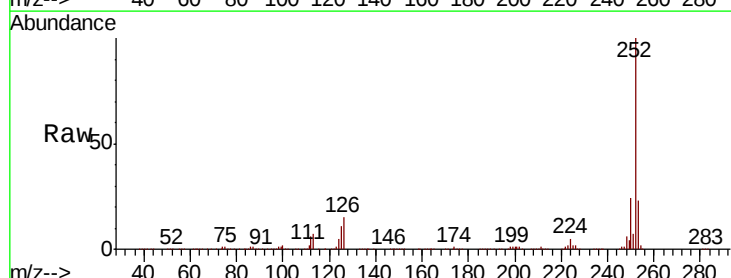
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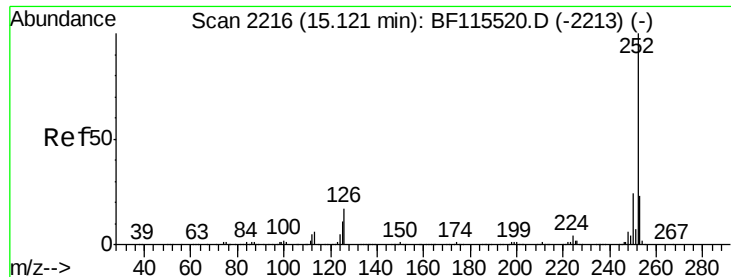
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#88
Benzo(b)fluoranthene
Concen: 53.893 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.0	9.0	13.4





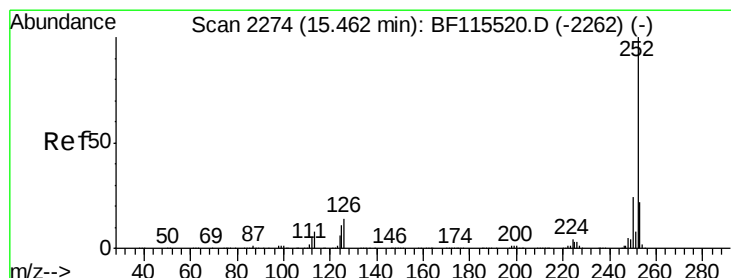
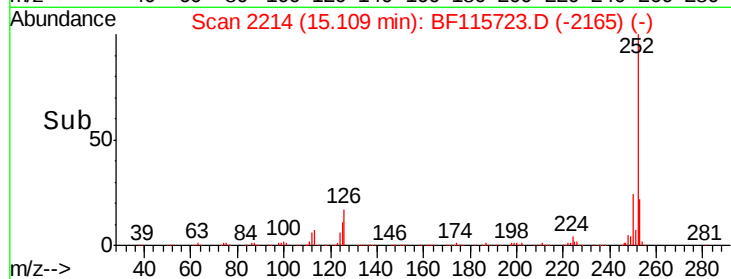
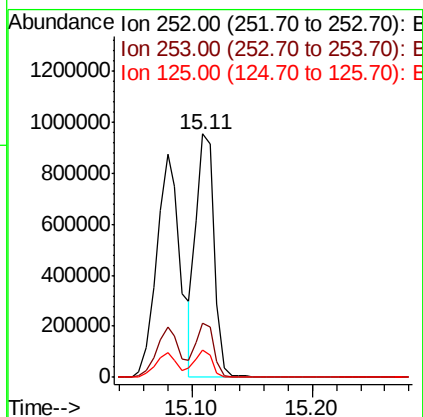
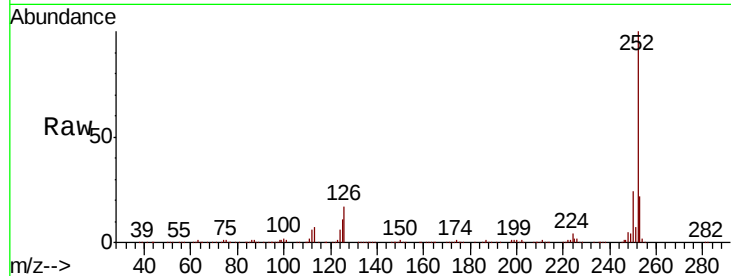
#89
Benzo(k)fluoranthene
Concen: 50.490 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion:252 Resp: 1002448
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 11.4 9.0 13.6

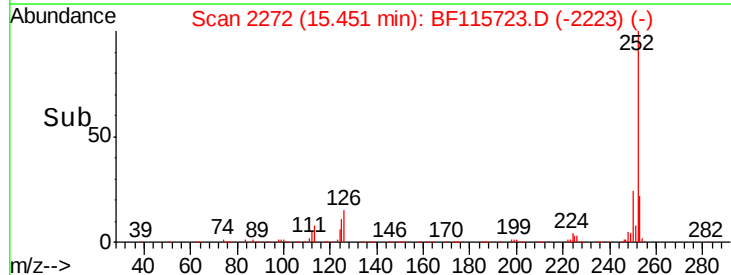
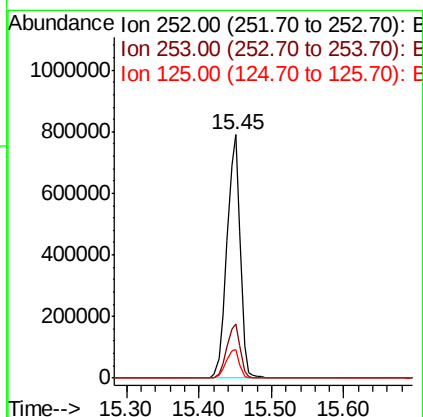
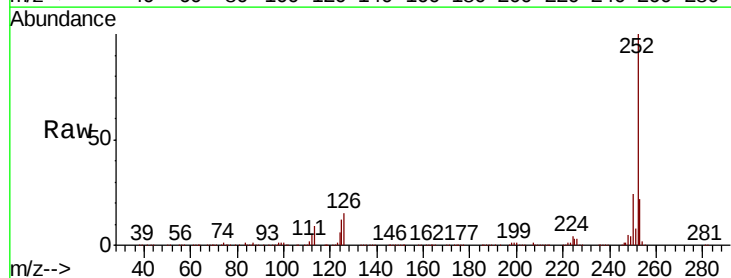
Manual Integrations
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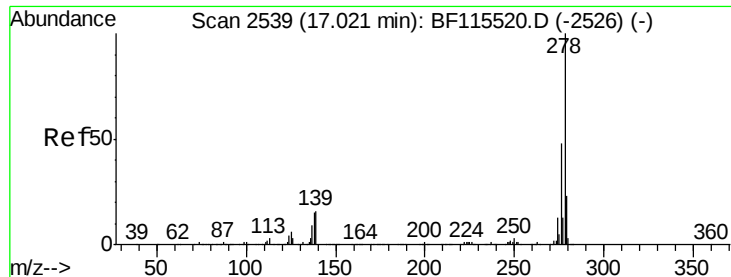
mohammad
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#90
Benzo(a)pyrene
Concen: 52.679 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion:252 Resp: 1008283
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.5 9.1 13.7





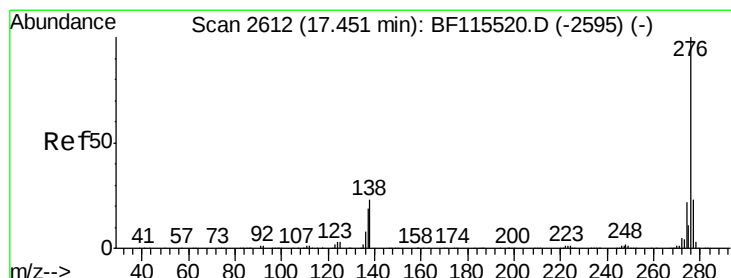
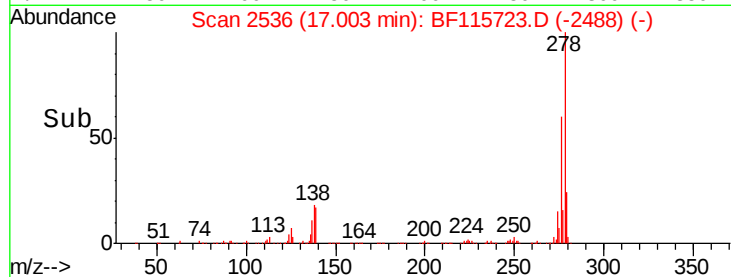
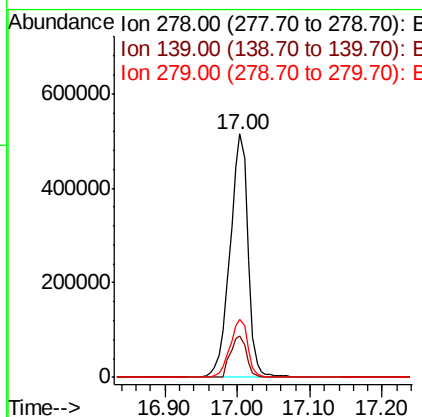
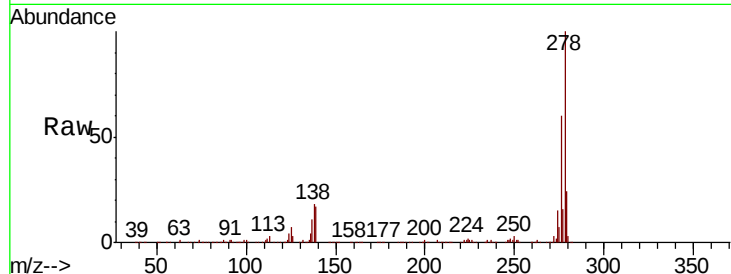
#91
Dibenzo(a,h)anthracene
Concen: 53.114 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB121645BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	23.8	19.6	29.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.471 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115723.D
Acq: 23 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	21.6	17.2	25.8

