

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124578.D
 Acq On : 15 Jul 2021 18:29
 Operator : JU/CG
 Sample : M3013-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Jul 16 02:51:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

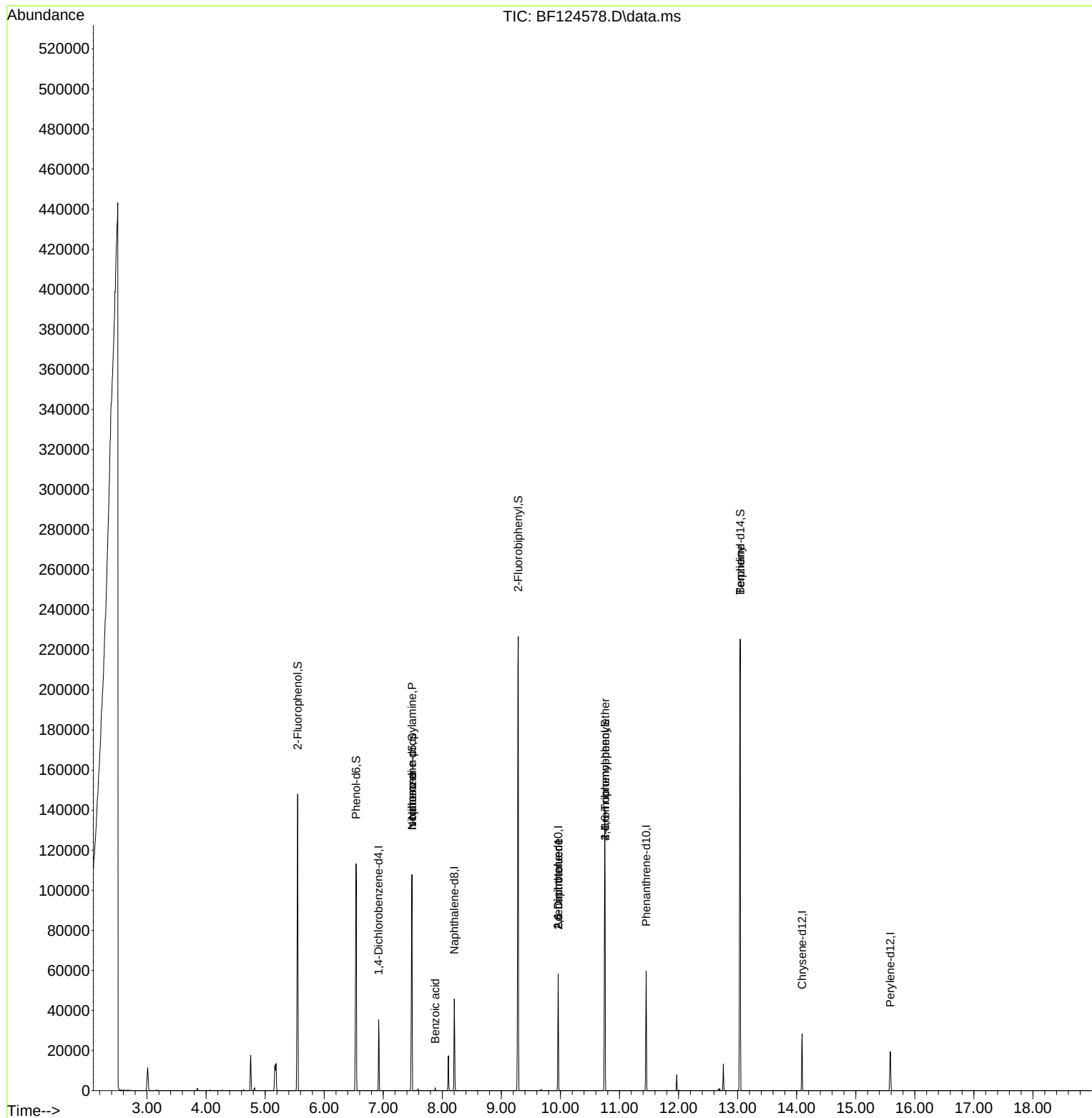
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5390	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	19950	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	11359	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	20549	20.00	ng	0.00
76) Chrysene-d12	14.092	240	11153	20.00	ng	# 0.00
86) Perylene-d12	15.586	264	9929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	39036	125.48	ng	0.01
7) Phenol-d6	6.540	99	40468	106.93	ng	0.00
23) Nitrobenzene-d5	7.487	82	30528	96.60	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	13134	148.58	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	74043	95.05	ng	0.00
79) Terphenyl-d14	13.045	244	78501	118.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	4141	19.46	ng	# 80
25) Isophorone	7.487	82	30527	52.62	ng	# 59
32) Benzoic acid	7.881	122	121	5.79	ng	# 75
51) 2,6-Dinitrotoluene	9.963	165	1416	9.09	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1416	6.64	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1010	4.75	ng	# 1
77) Benzidine	13.045	184	1103	2.65	ng	# 69

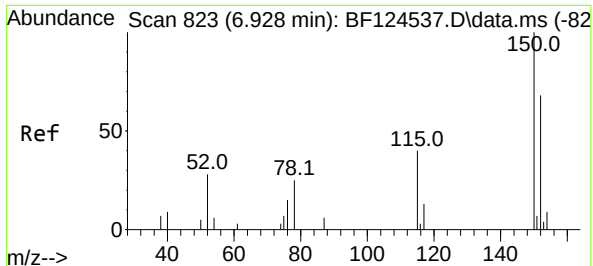
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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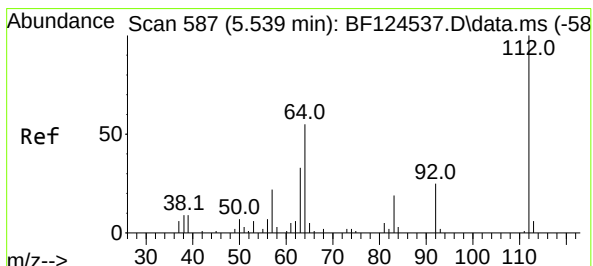
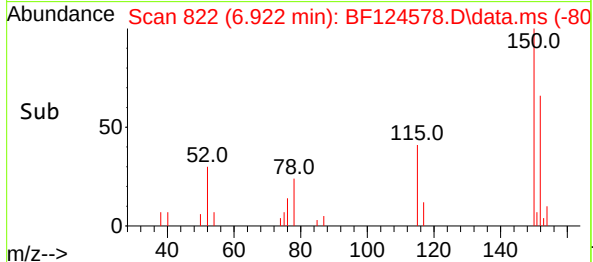
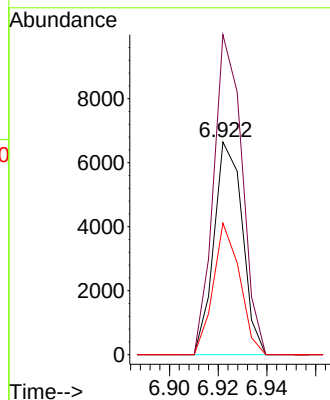
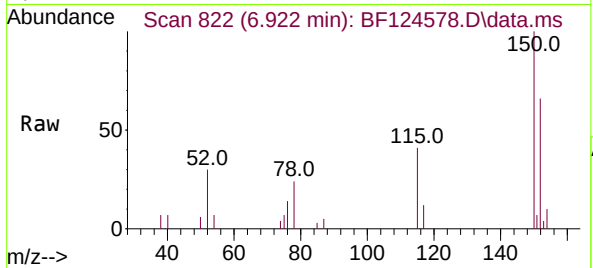




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

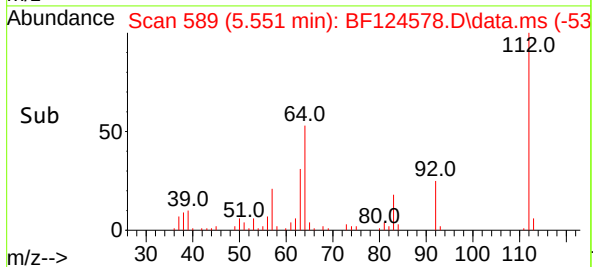
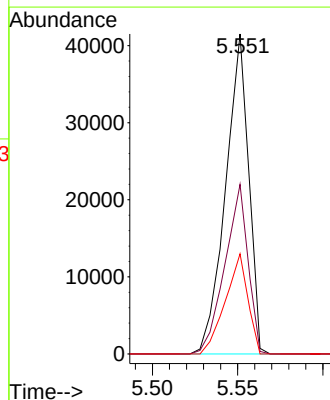
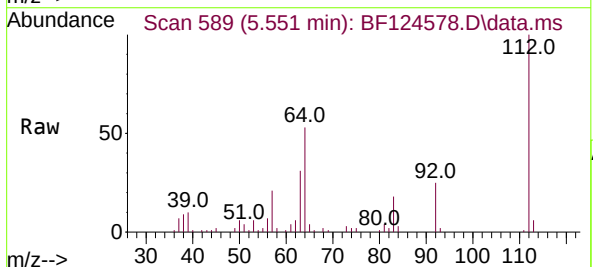
Instrument :
BNA_F
ClientSampleId :
72-11995

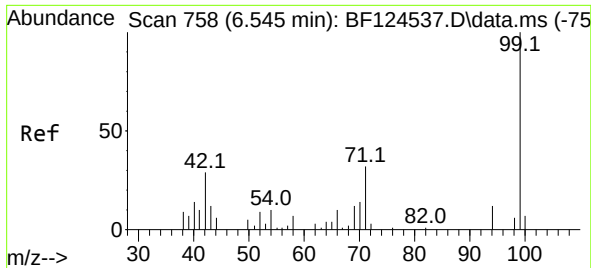
Tgt Ion:152 Resp: 5390
Ion Ratio Lower Upper
152 100
150 150.5 117.6 176.4
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 125.48 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:112 Resp: 39036
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 31.3 26.2 39.2

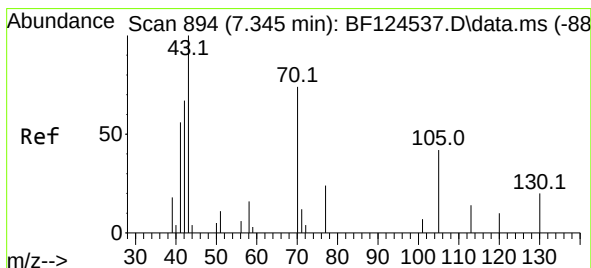
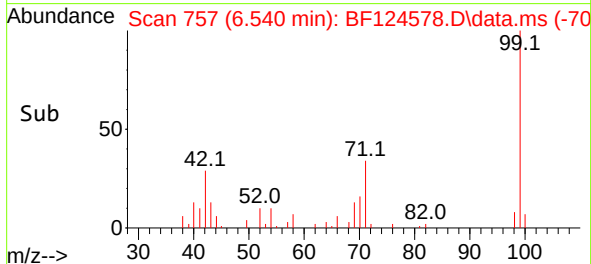
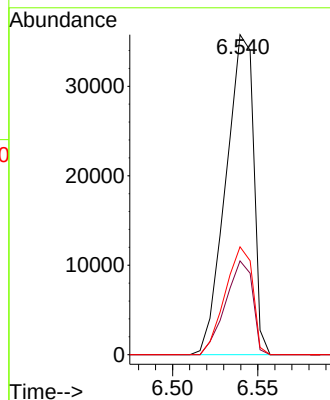
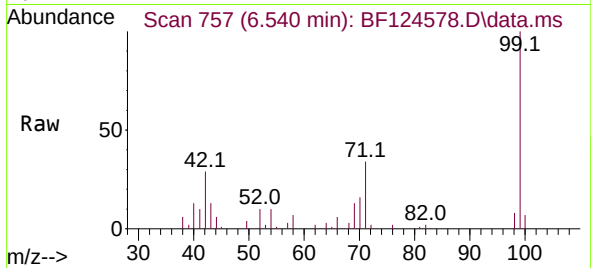




#7
Phenol-d6
Concen: 106.93 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.005 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

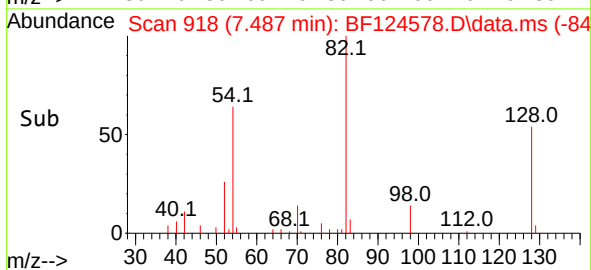
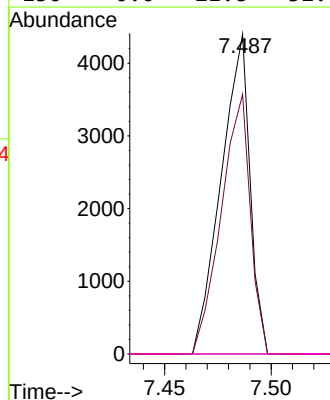
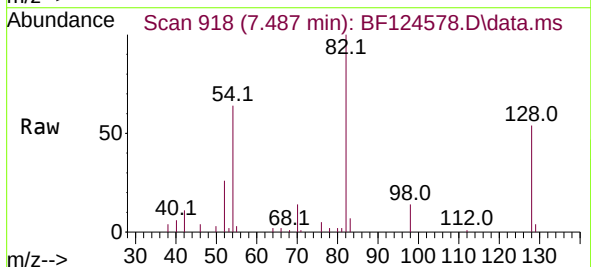
Instrument :
BNA_F
ClientSampleId :
72-11995

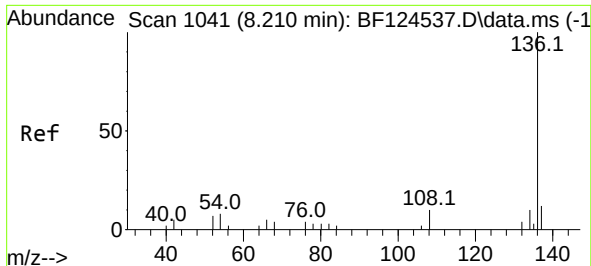
Tgt Ion:	99	Resp:	40468
Ion	Ratio	Lower	Upper
99	100		
42	29.3	23.5	35.3
71	33.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.46 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:	70	Resp:	4141
Ion	Ratio	Lower	Upper
70	100		
42	81.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

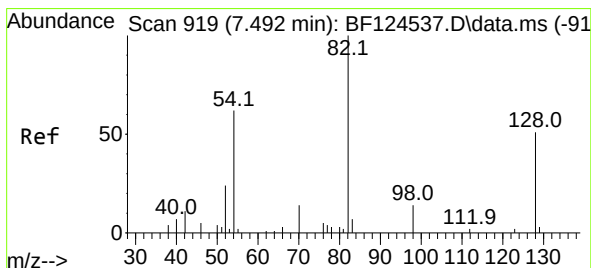
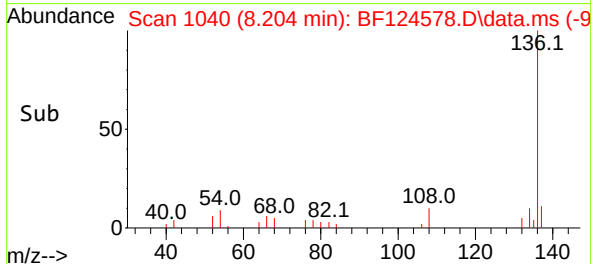
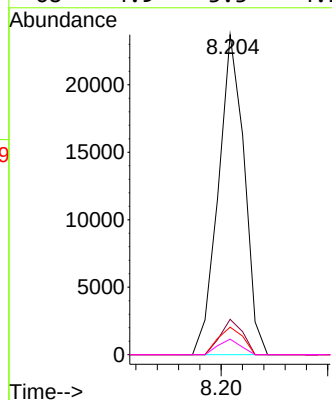
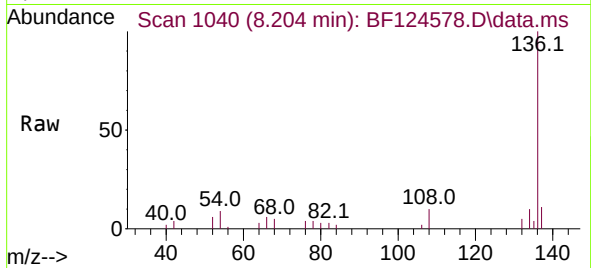




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

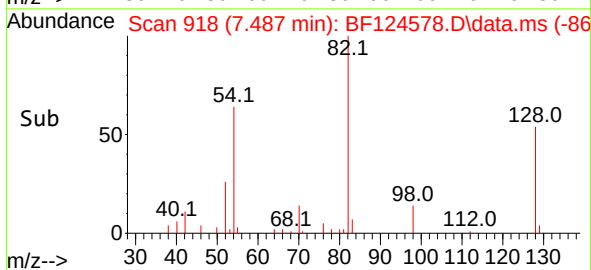
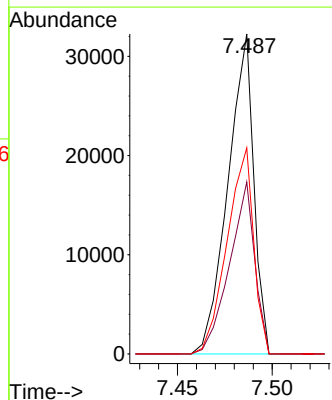
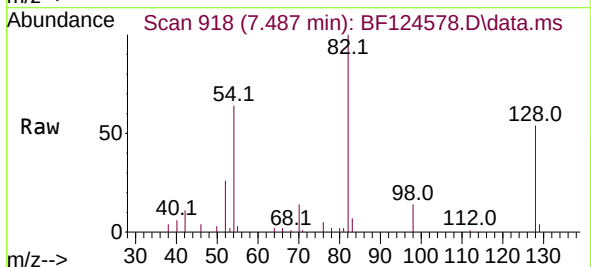
Instrument :
BNA_F
ClientSampled :
72-11995

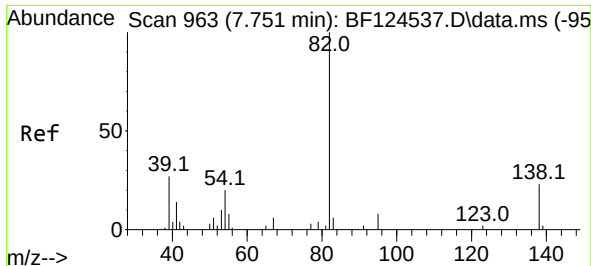
Tgt Ion:	136	Resp:	19950
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.6	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 96.60 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:	82	Resp:	30528
Ion	Ratio	Lower	Upper
82	100		
128	53.7	40.6	60.8
54	64.4	49.6	74.4

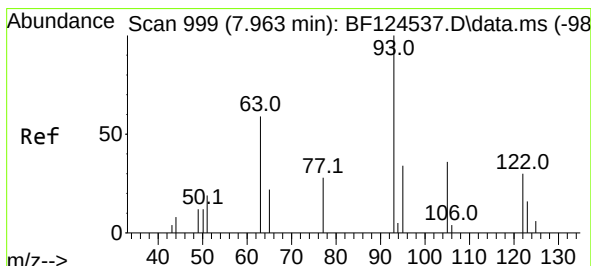
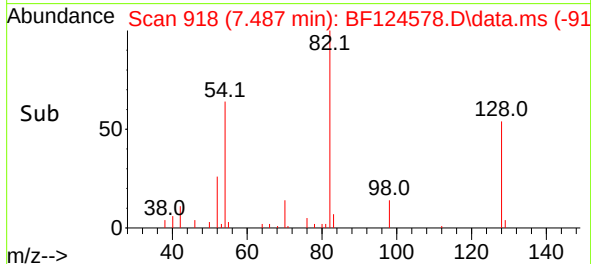
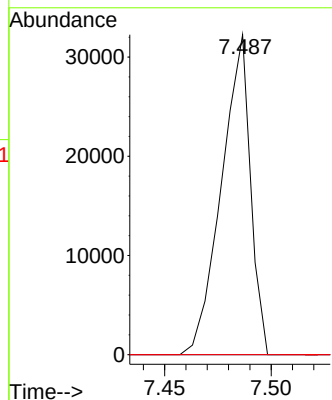
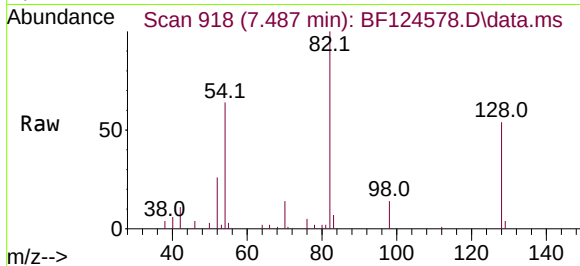




#25
Isophorone
Concen: 52.62 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

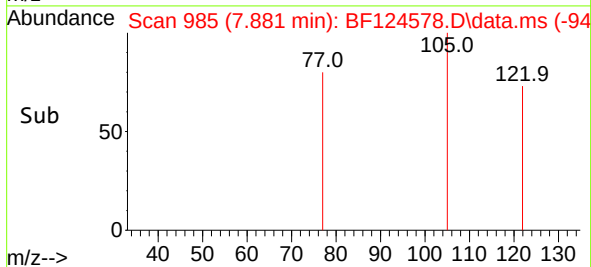
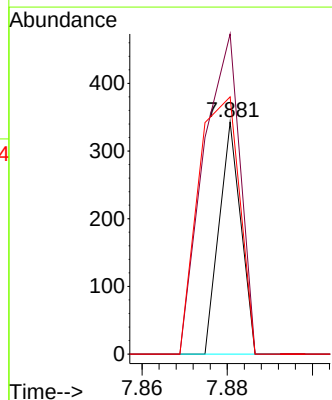
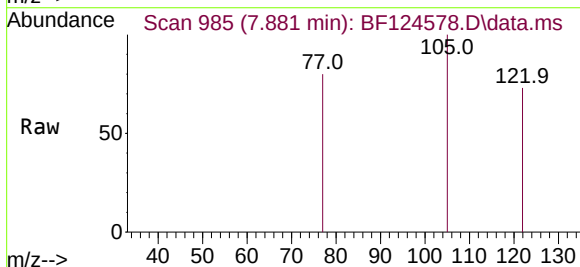
Instrument :
BNA_F
ClientSampleId :
72-11995

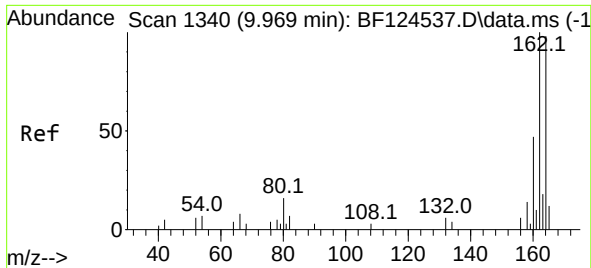
Tgt Ion: 82 Resp: 30527
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 5.79 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.082 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 137.9 97.6 137.6#
77 110.8 59.6 99.6#

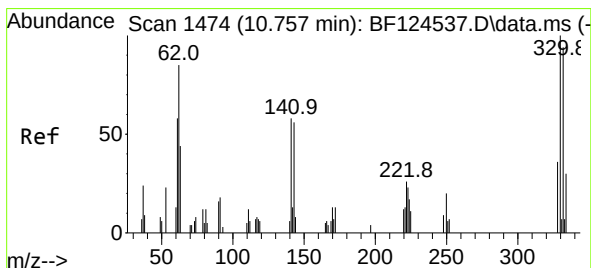
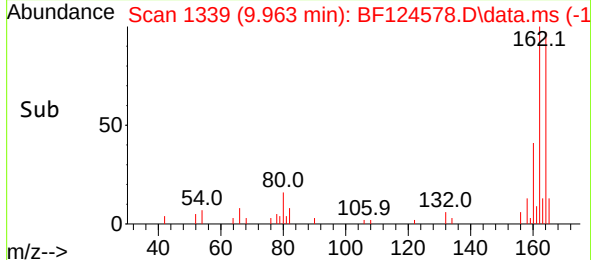
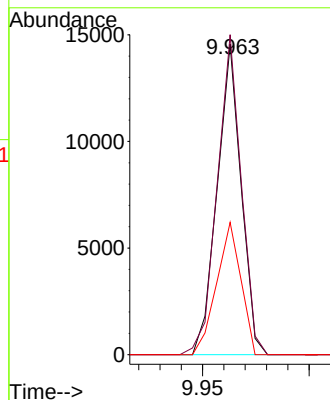
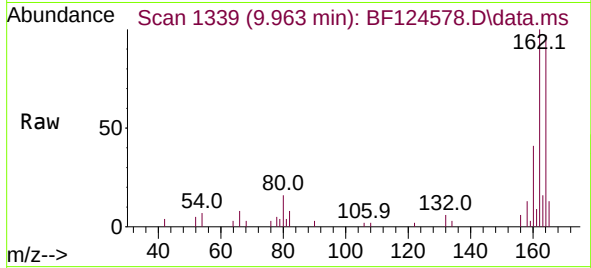




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

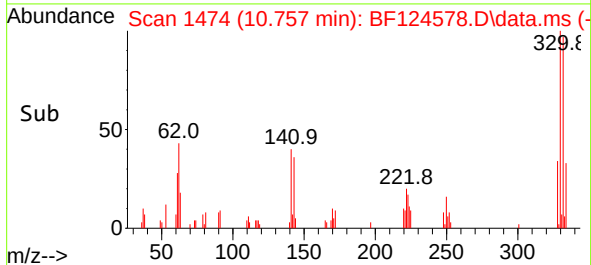
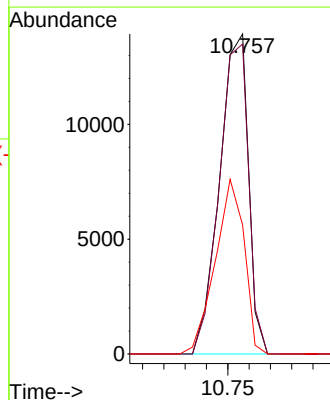
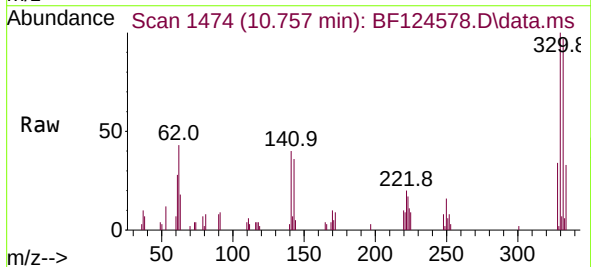
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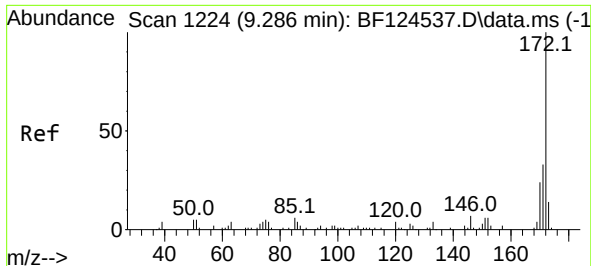
Tgt Ion:164	Resp:	11359
Ion Ratio	Lower	Upper
164	100	
162	103.0	81.3 121.9
160	42.6	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 148.58 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:330	Resp:	13134
Ion Ratio	Lower	Upper
330	100	
332	98.8	76.2 114.4
141	54.7	44.6 66.8

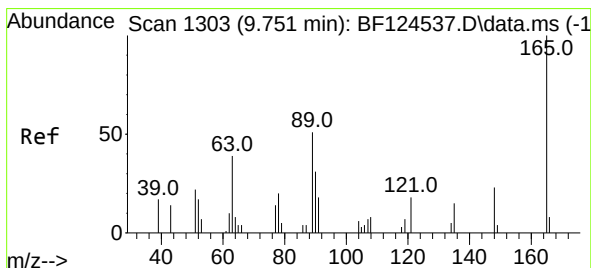
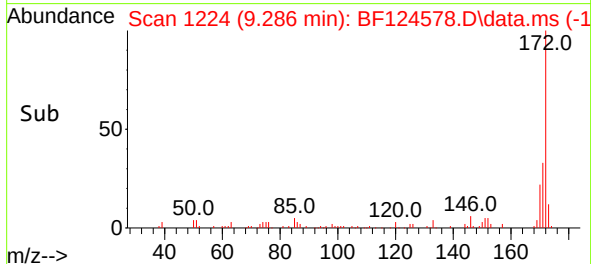
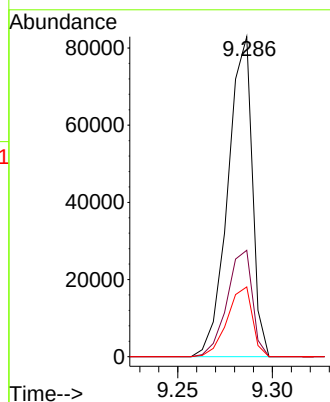
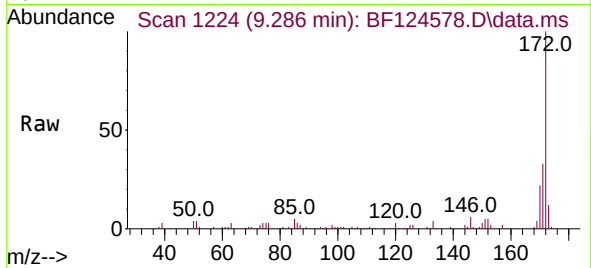




#45
2-Fluorobiphenyl
Concen: 95.05 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

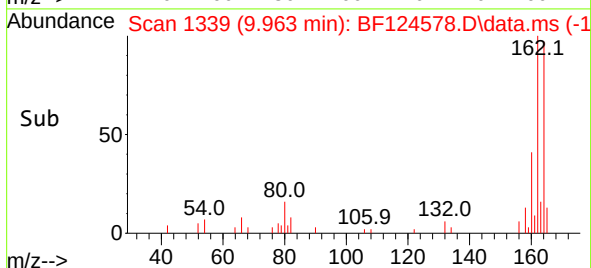
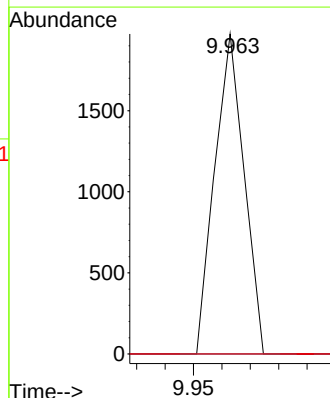
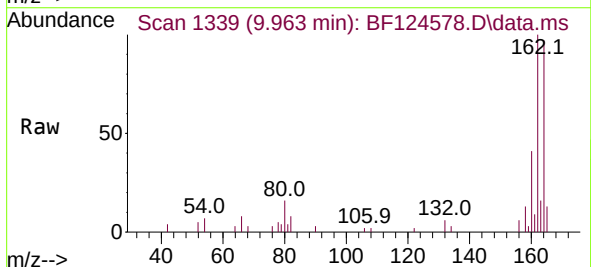
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72-11995

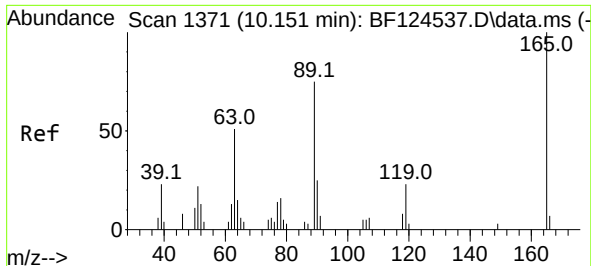
Tgt Ion:172	Resp:	74043
Ion Ratio	Lower	Upper
172	100	
171	33.2	26.5 39.7
170	21.8	18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

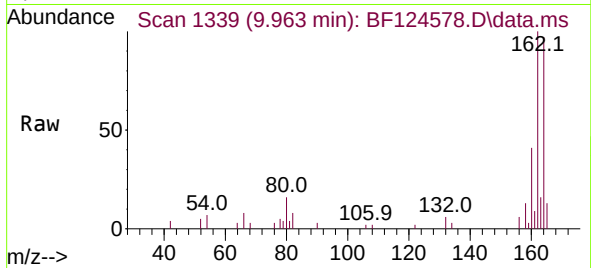
Tgt Ion:165	Resp:	1416
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.6 63.8#
89	0.0	40.6 60.8#



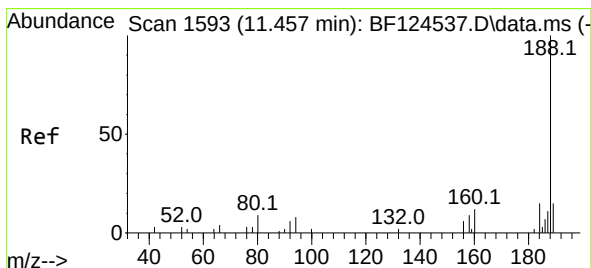
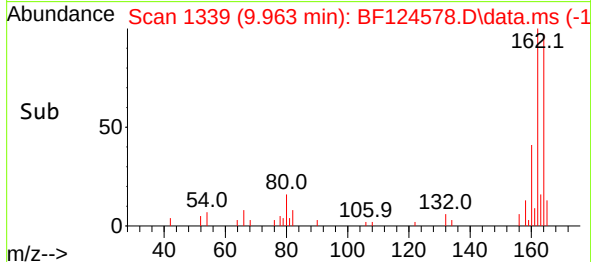
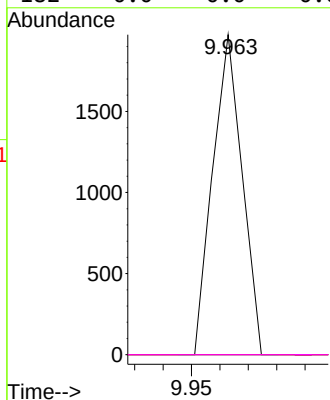


#57
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Instrument :
BNA_F
ClientSampleId :
72-11995

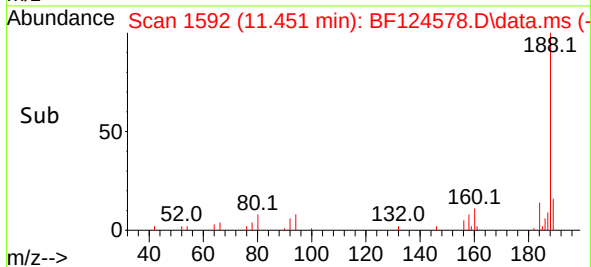
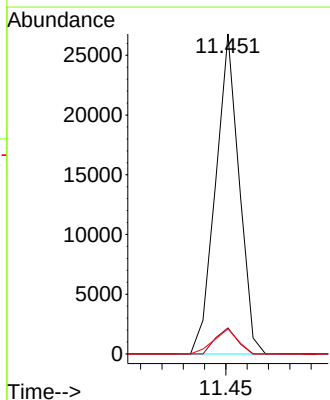
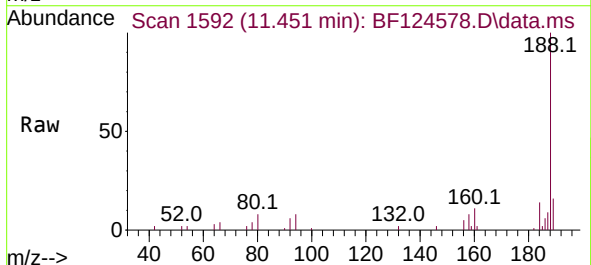


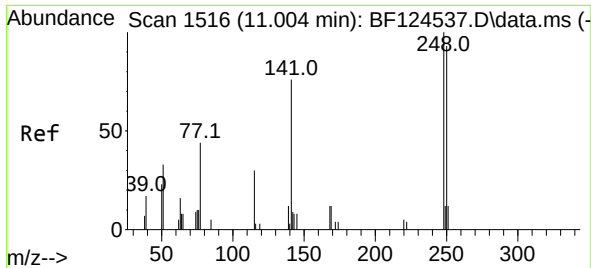
Tgt Ion:165 Resp: 1416
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:188 Resp: 20549
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 7.8 7.5 11.3

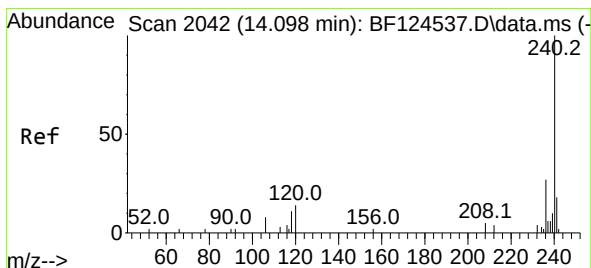
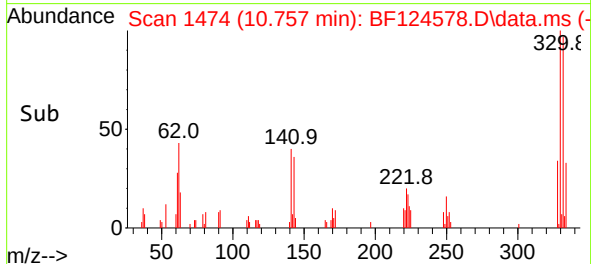
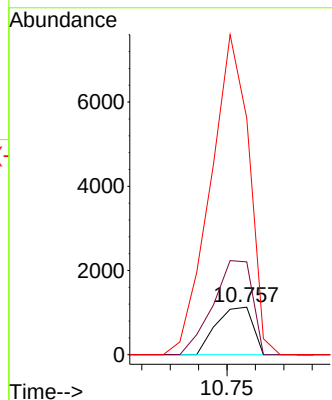
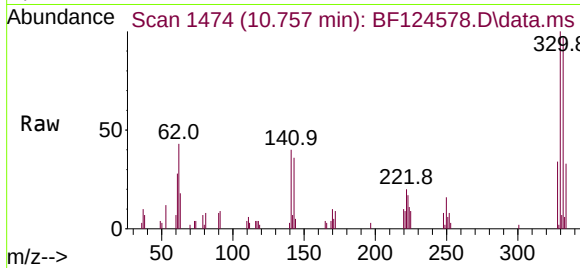




#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

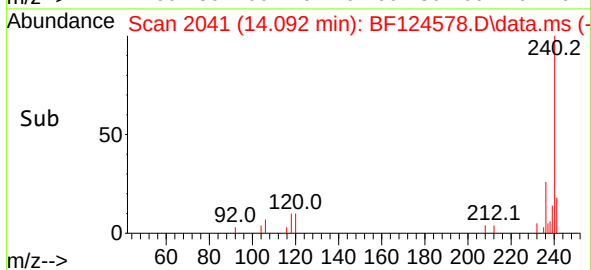
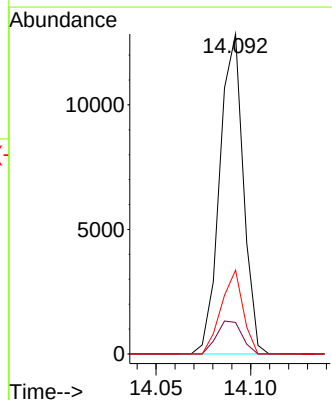
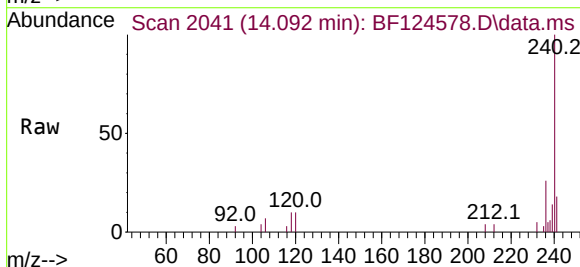
Instrument :
BNA_F
ClientSampled :
72-11995

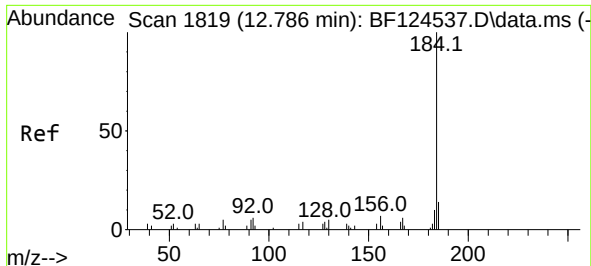
Tgt Ion:248 Resp: 1010
Ion Ratio Lower Upper
248 100
250 195.7 74.2 111.4#
141 498.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:240 Resp: 11153
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 26.2 21.6 32.4

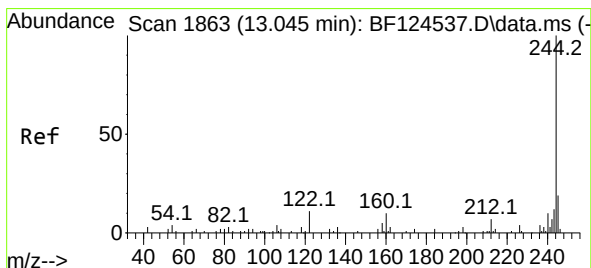
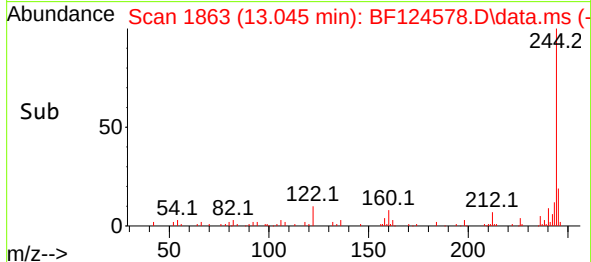
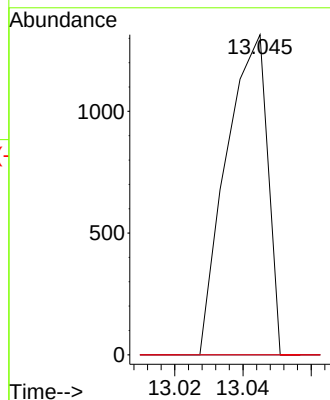
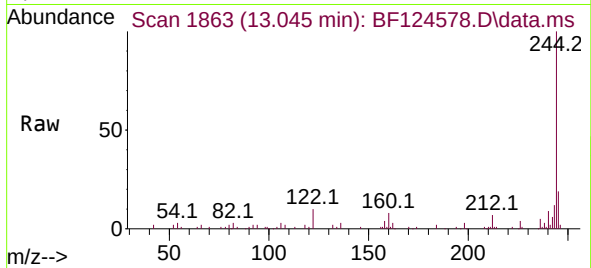




#77
Benzidine
Concen: 2.65 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

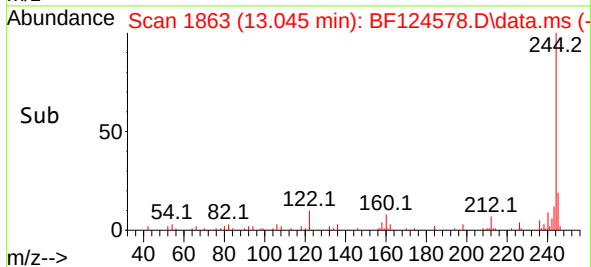
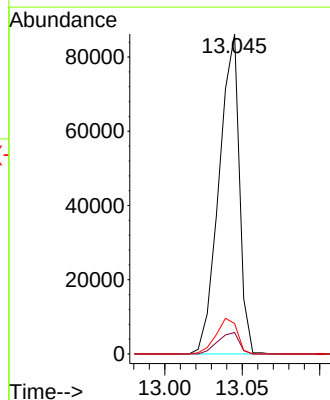
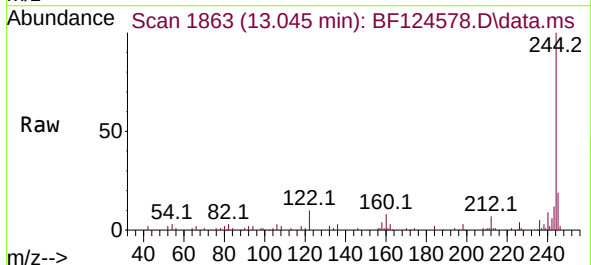
Instrument :
BNA_F
ClientSampleId :
72-11995

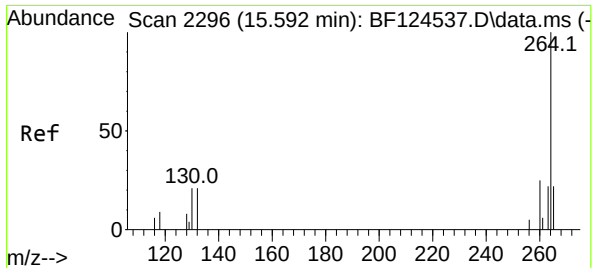
Tgt Ion:184 Resp: 1103
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 118.19 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF124578.D
Acq: 15 Jul 2021 18:29

Tgt Ion:244 Resp: 78501
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124578.D
 Acq: 15 Jul 2021 18:29

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Tgt Ion:	264	Resp:	9929
Ion Ratio	Lower	Upper	
264	100		
260	26.9	19.6	29.4
265	20.5	17.2	25.8

