

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124404.D
 Acq On : 21 Jun 2021 21:09
 Operator : JU/CG
 Sample : M2772-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Jun 22 01:33:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

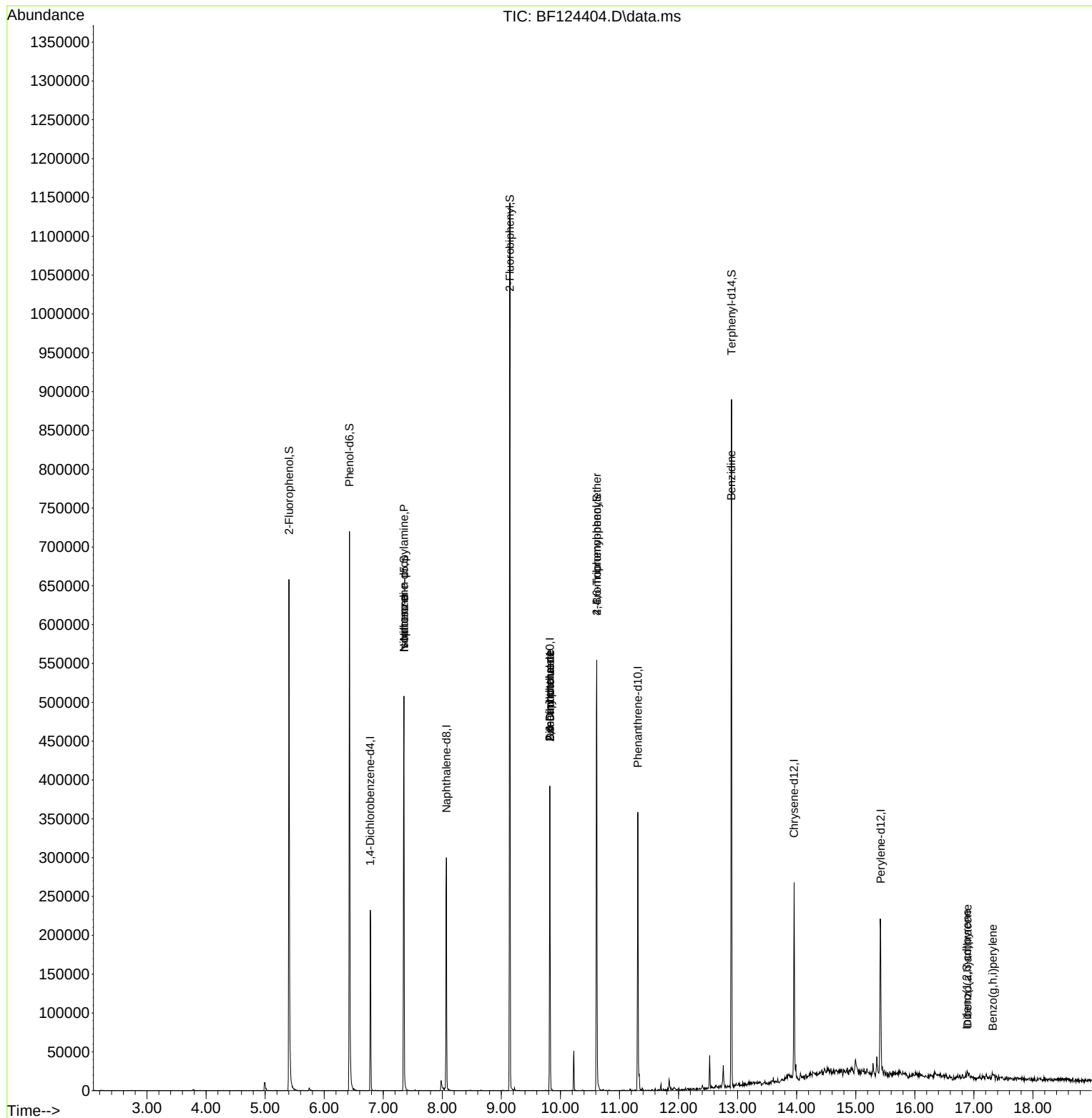
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	30018	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	118406	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	67187	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	114534	20.00	ng	# 0.00
76) Chrysene-d12	13.957	240	72968	20.00	ng	# 0.00
86) Perylene-d12	15.421	264	81689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	152414	76.43	ng	-0.01
7) Phenol-d6	6.428	99	189879	70.84	ng	-0.02
23) Nitrobenzene-d5	7.351	82	147952	49.56	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	59351	62.35	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	290238	54.36	ng	0.00
79) Terphenyl-d14	12.898	244	254415	47.87	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	19556	10.34	ng	# 64
25) Isophorone	7.351	82	147950	27.50	ng	# 69
50) Dimethylphthalate	9.822	163	13095	2.36	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	8666	6.80	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	8666	5.16	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	4347	2.77	ng	# 1
77) Benzidine	12.892	184	3542	5.97	ng	# 84
87) Indeno(1,2,3-cd)pyrene	16.880	276	4426	4.93	ng	# 83
91) Dibenzo(a,h)anthracene	16.892	278	296	4.22	ng	# 25
92) Benzo(g,h,i)perylene	17.321	276	3344	4.34	ng	# 68

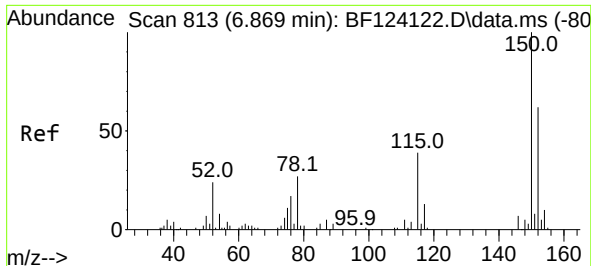
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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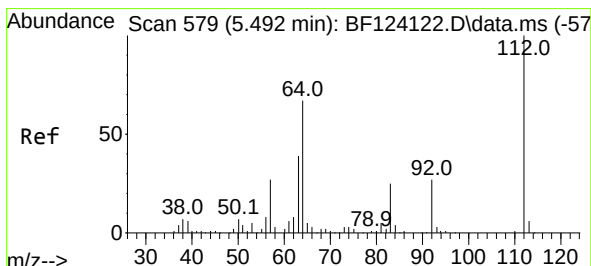
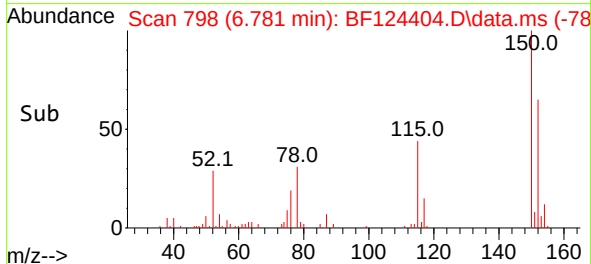
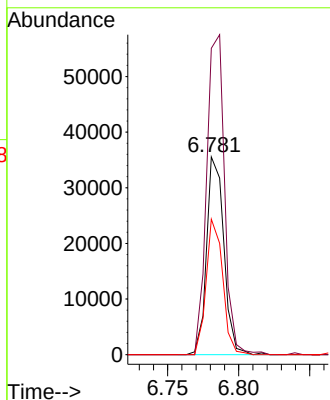
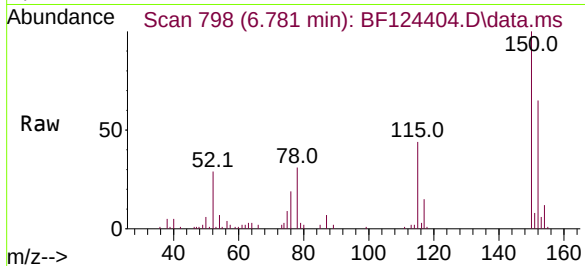




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

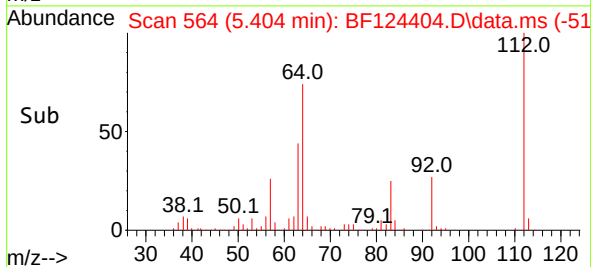
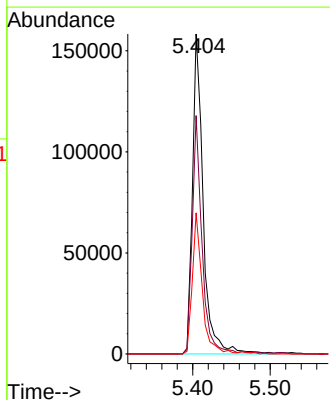
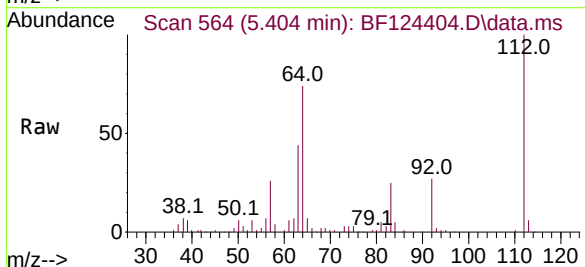
Instrument :
BNA_F
ClientSampled :
SB-1

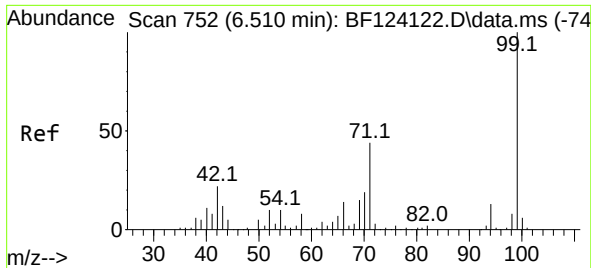
Tgt Ion:152 Resp: 30018
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 68.5 54.3 81.5



#5
2-Fluorophenol
Concen: 76.43 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:112 Resp: 152414
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 44.1 33.0 49.4

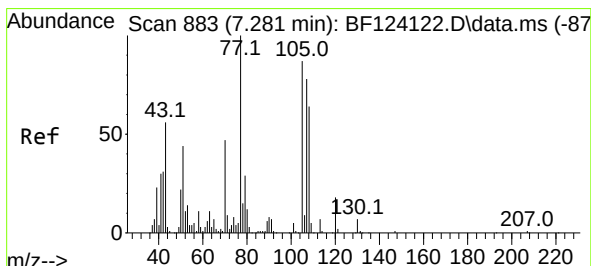
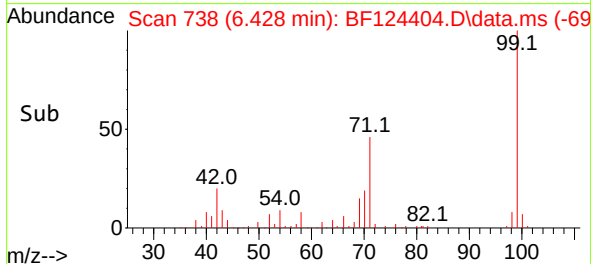
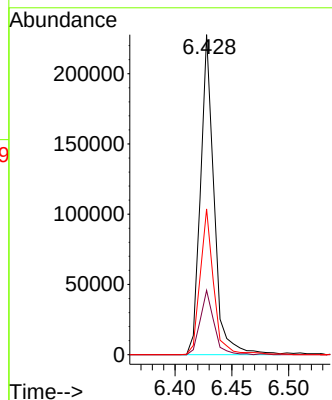
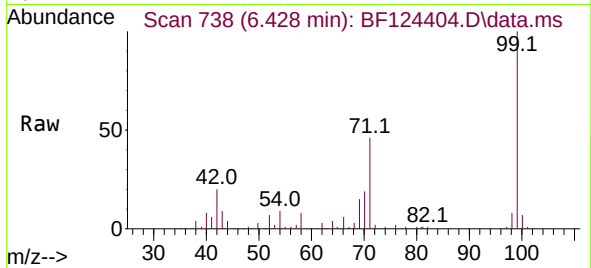




#7
Phenol-d6
Concen: 70.84 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

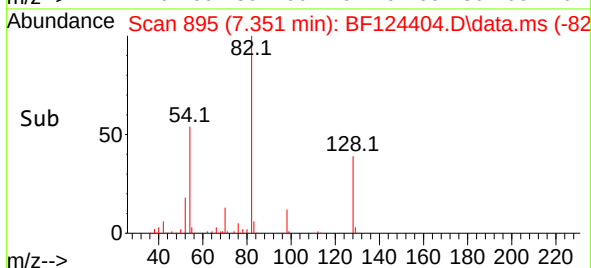
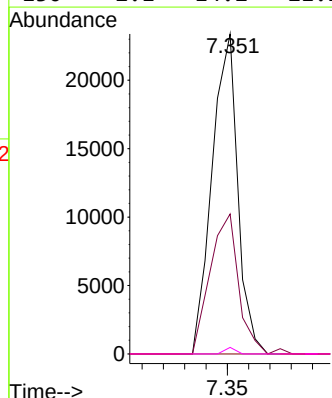
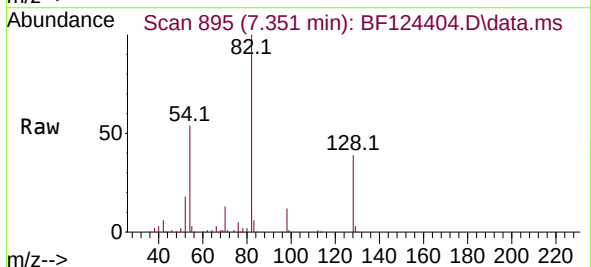
Instrument :
BNA_F
ClientSampled :
SB-1

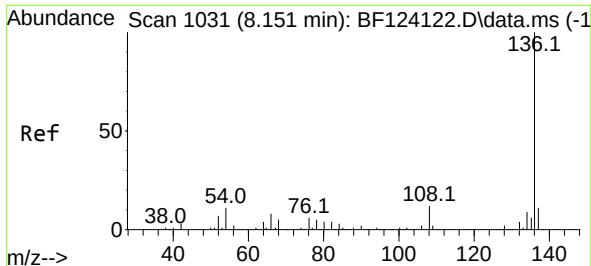
Tgt Ion: 99 Resp: 189879
Ion Ratio Lower Upper
99 100
42 20.1 19.8 29.8
71 45.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.34 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

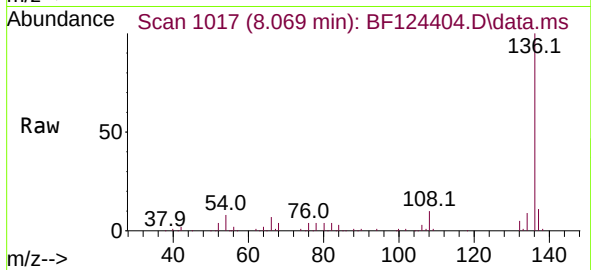
Tgt Ion: 70 Resp: 19556
Ion Ratio Lower Upper
70 100
42 43.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



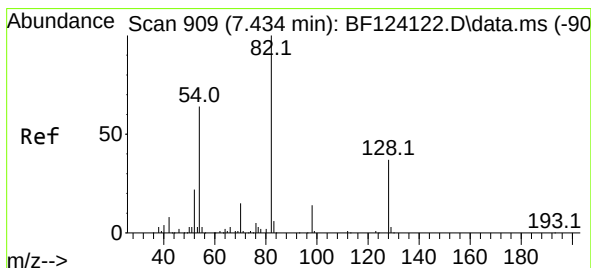
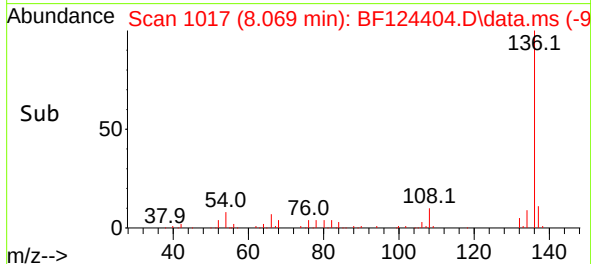
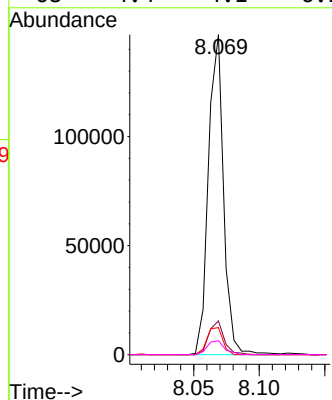


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Instrument :
BNA_F
ClientSampled :
SB-1

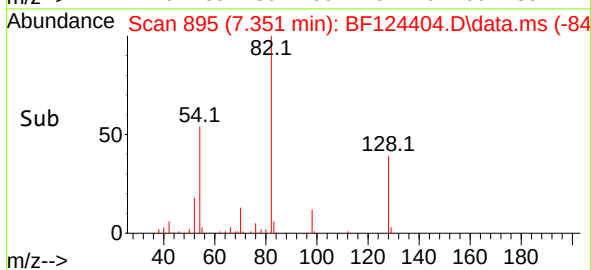
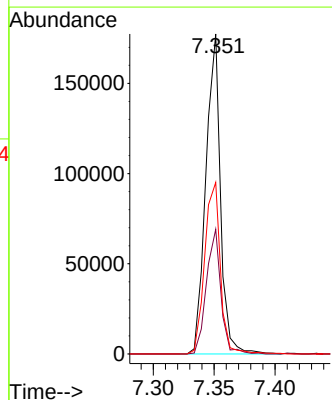
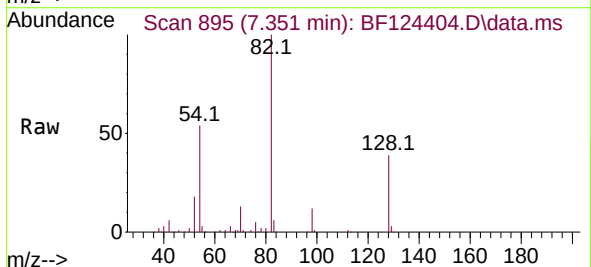


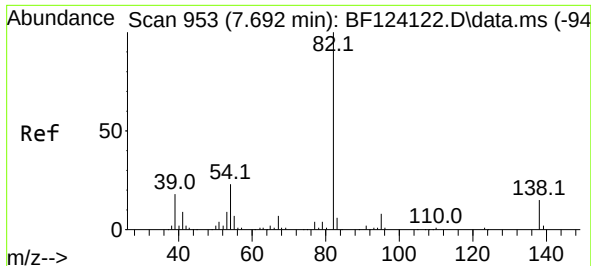
Tgt Ion:136	Resp:	118406
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	8.5	9.8 14.6#
68	4.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 49.56 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion: 82	Resp:	147952
Ion Ratio	Lower	Upper
82	100	
128	38.9	29.4 44.2
54	53.6	54.1 81.1#

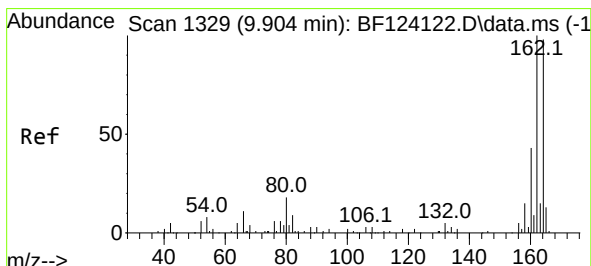
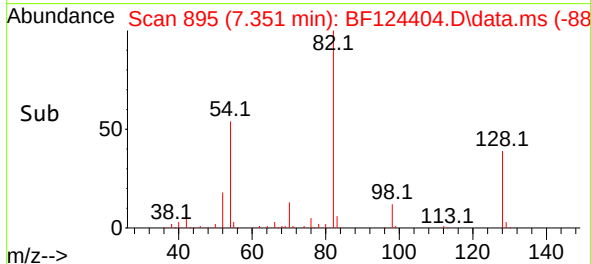
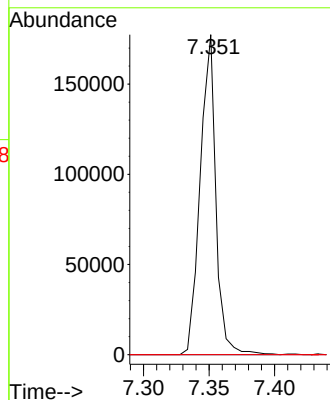
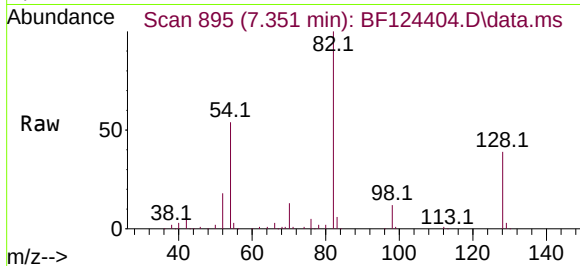




#25
Isophorone
Concen: 27.50 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

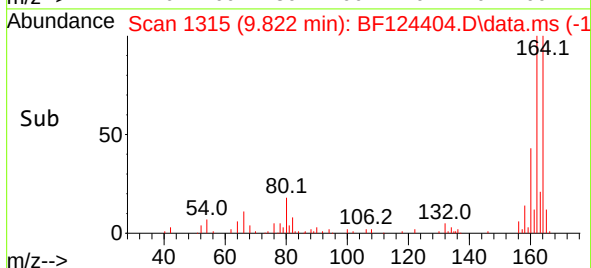
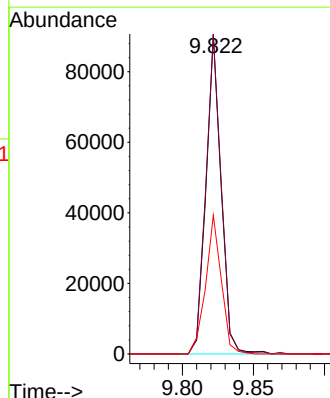
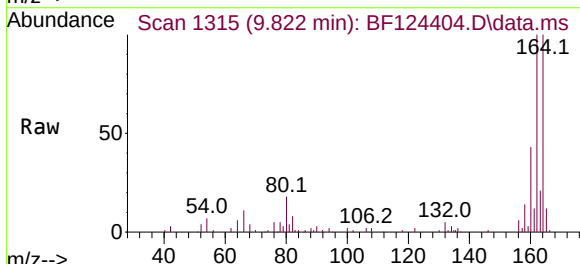
Instrument :
BNA_F
ClientSampled :
SB-1

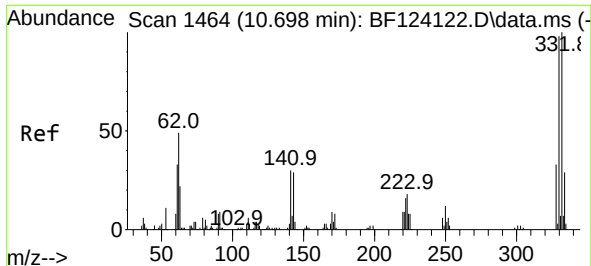
Tgt Ion: 82 Resp: 147950
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion: 164 Resp: 67187
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 43.5 37.3 55.9

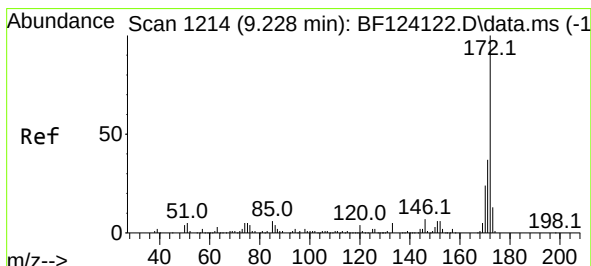
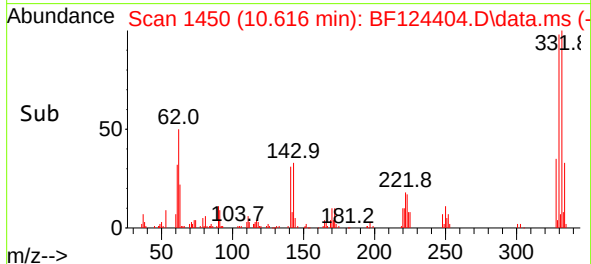
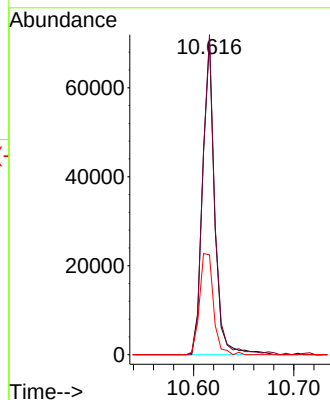
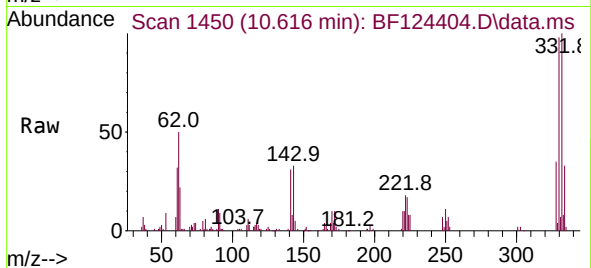




#42
2,4,6-Tribromophenol
Concen: 62.35 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

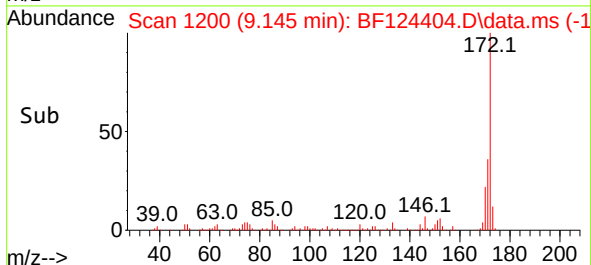
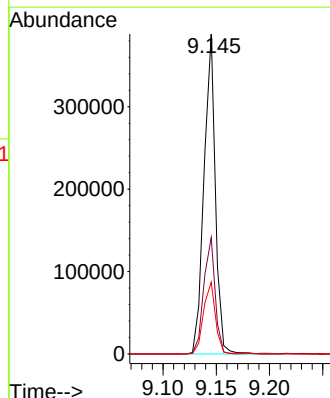
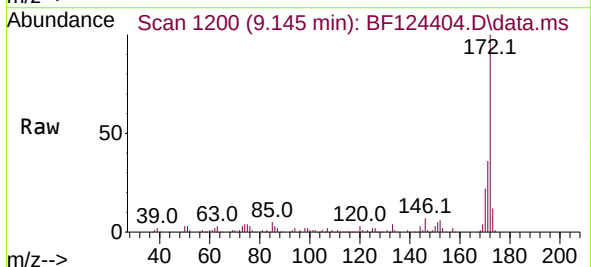
Instrument :
BNA_F
ClientSampled :
SB-1

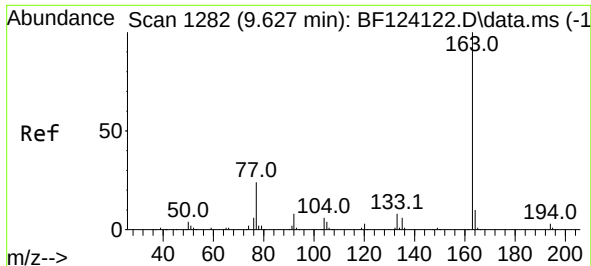
Tgt Ion: 330 Resp: 59351
Ion Ratio Lower Upper
330 100
332 101.3 77.1 115.7
141 37.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.36 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion: 172 Resp: 290238
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.5 19.2 28.8

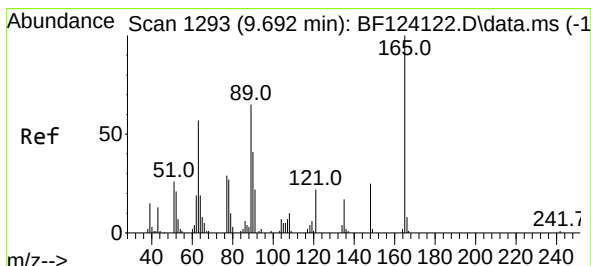
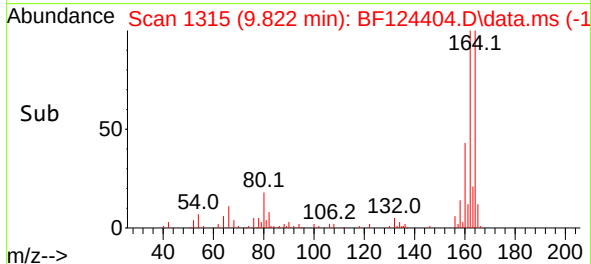
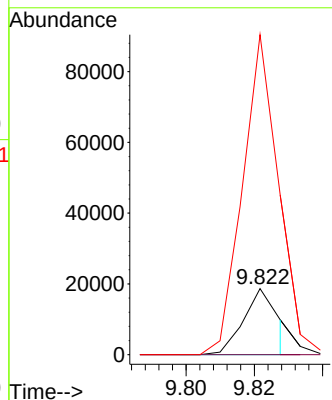
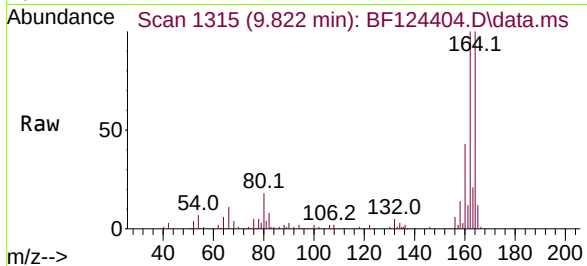




#50
Dimethylphthalate
Concen: 2.36 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

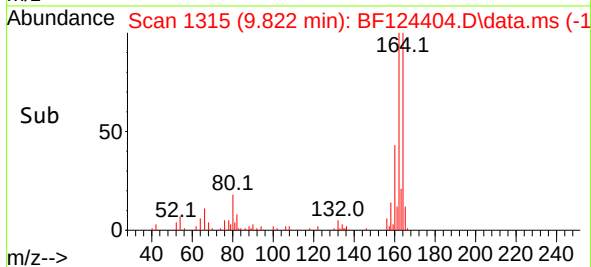
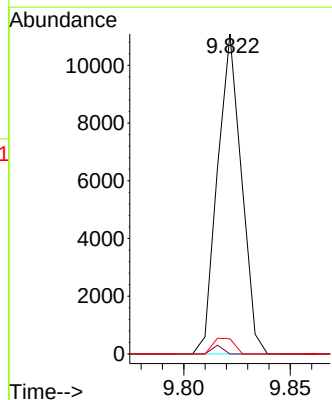
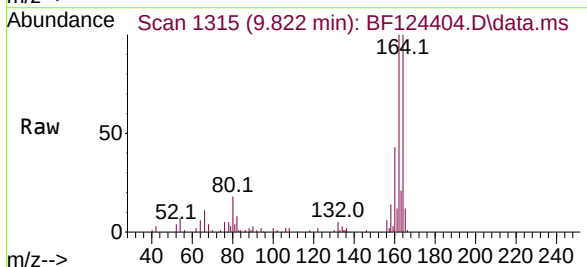
Instrument :
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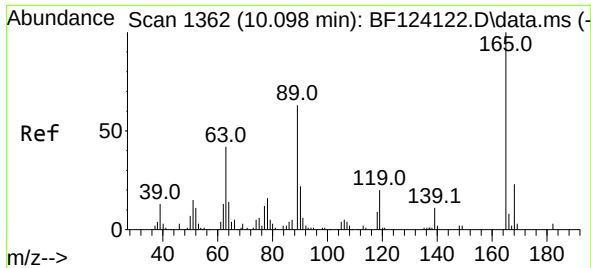
Tgt Ion:163 Resp: 13095
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 484.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.80 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:165 Resp: 8666
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.7 58.8 88.2#

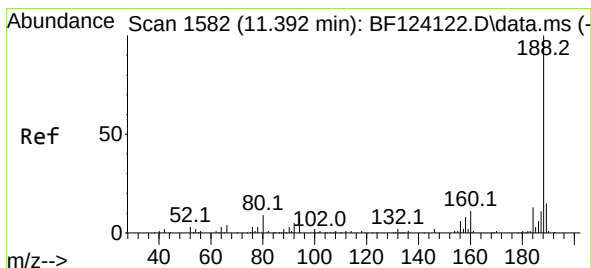
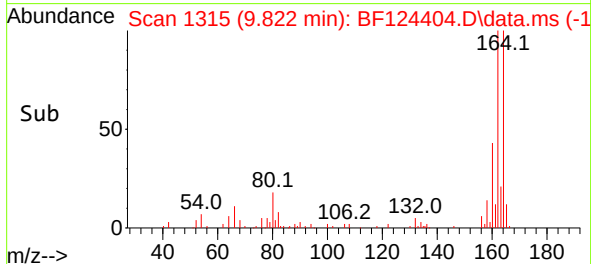
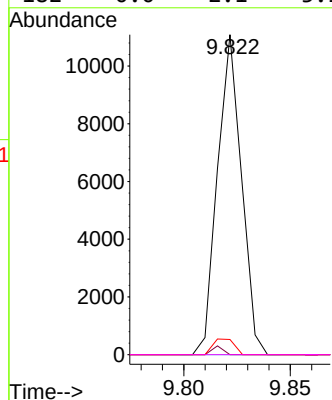
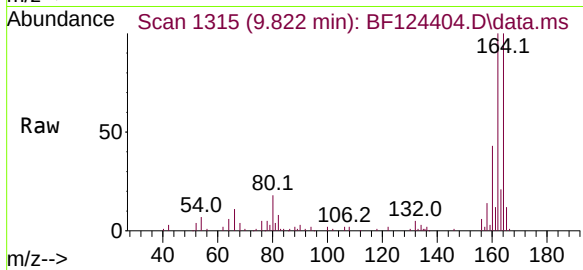




#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

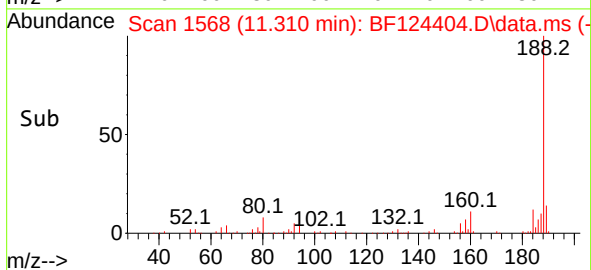
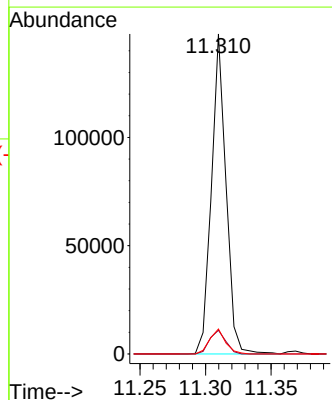
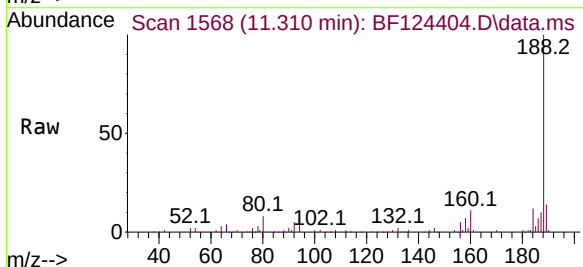
Instrument :
BNA_F
ClientSampled :
SB-1

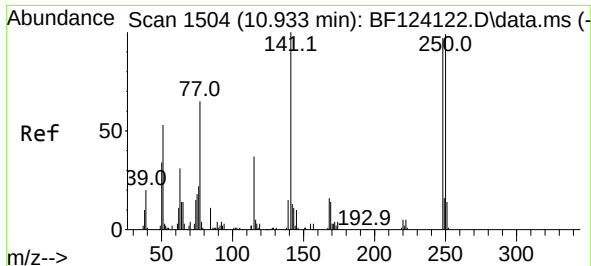
Tgt Ion:165	Resp:	8666
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	4.7	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:188	Resp:	114534
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.9 10.3
80	7.8	8.2 12.2#

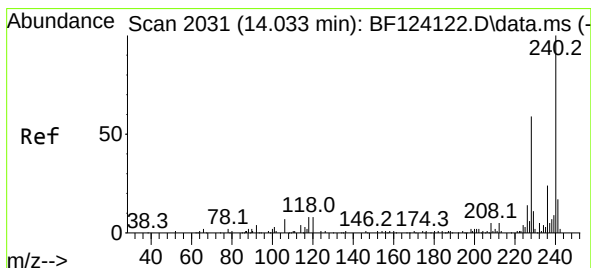
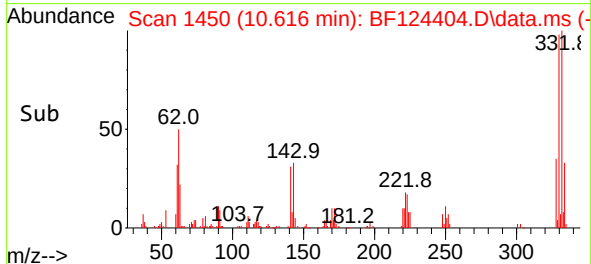
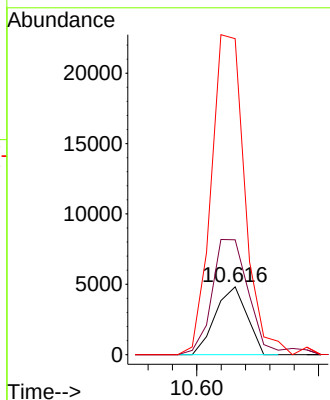
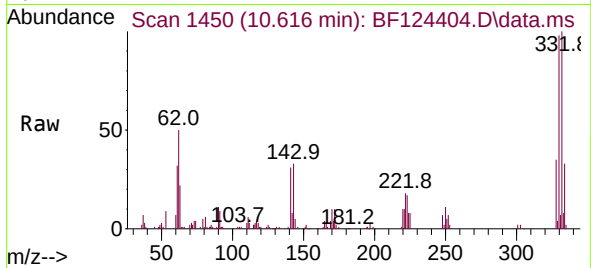




#67
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

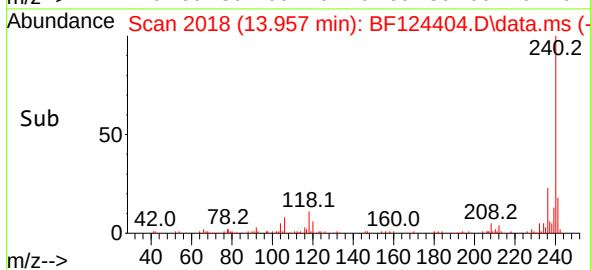
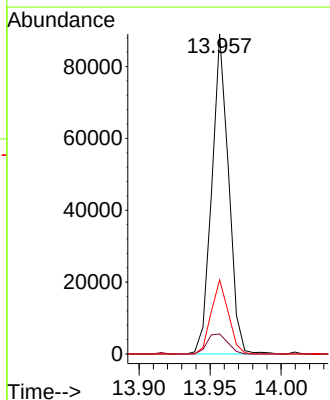
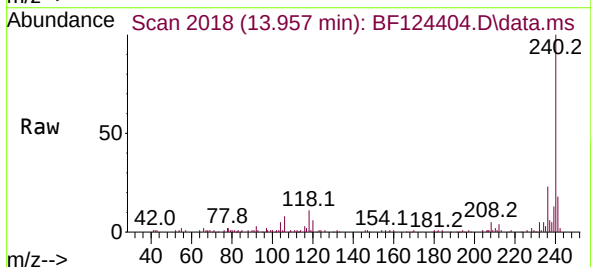
Instrument :
BNA_F
ClientSampled :
SB-1

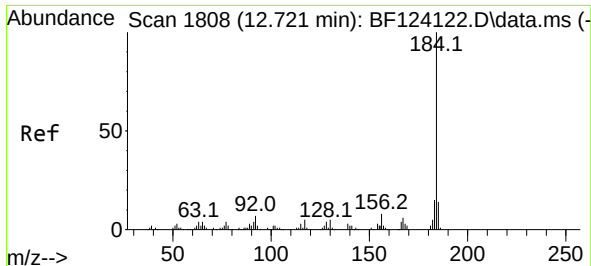
Tgt Ion:248 Resp: 4347
Ion Ratio Lower Upper
248 100
250 169.5 77.4 116.2#
141 465.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:240 Resp: 72968
Ion Ratio Lower Upper
240 100
120 6.2 7.2 10.8#
236 23.1 19.0 28.4

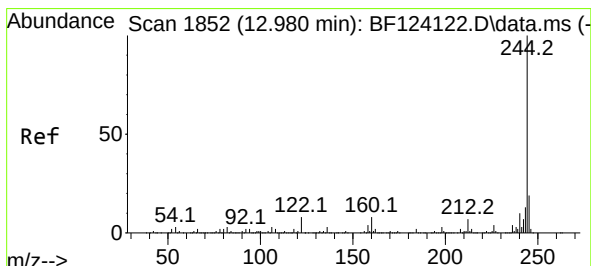
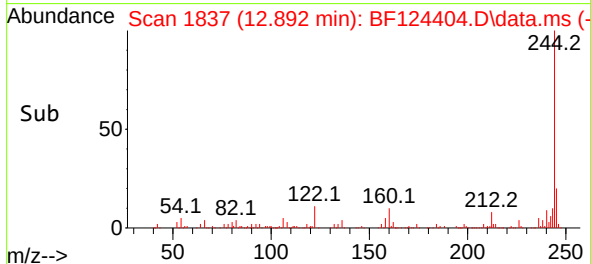
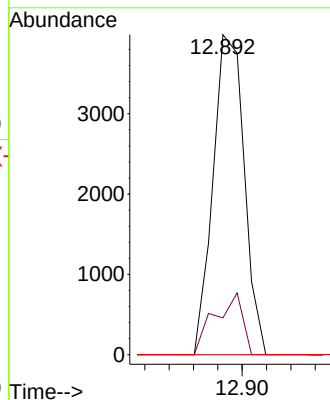
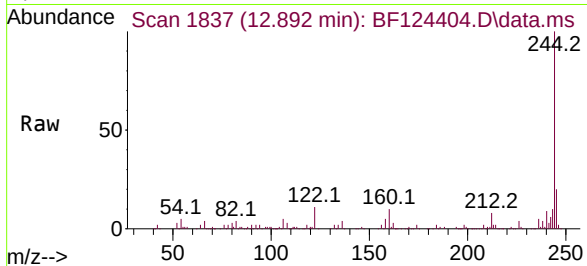




#77
Benzidine
Concen: 5.97 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.194 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

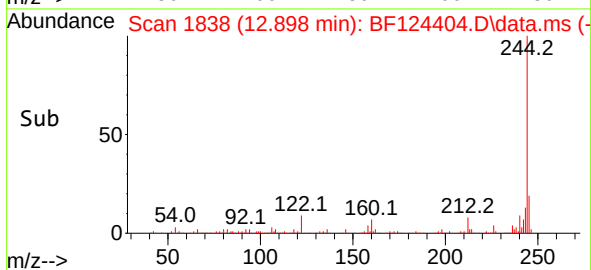
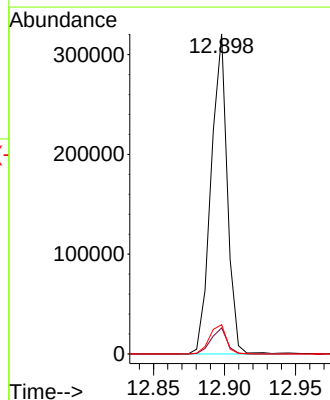
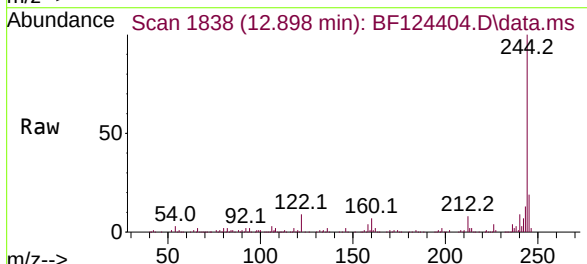
Instrument :
BNA_F
ClientSampled :
SB-1

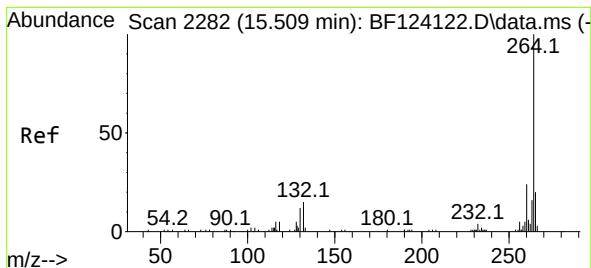
Tgt Ion:184 Resp: 3542
Ion Ratio Lower Upper
184 100
185 11.5 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 47.87 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:244 Resp: 254415
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.2 9.7 14.5#

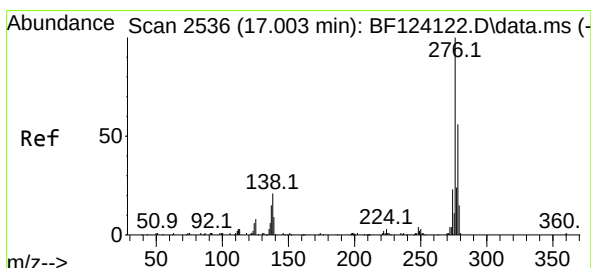
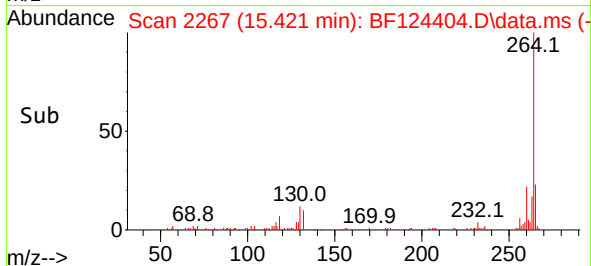
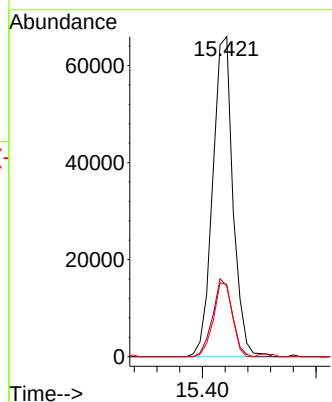
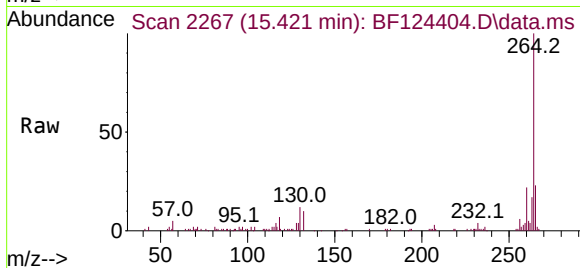




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

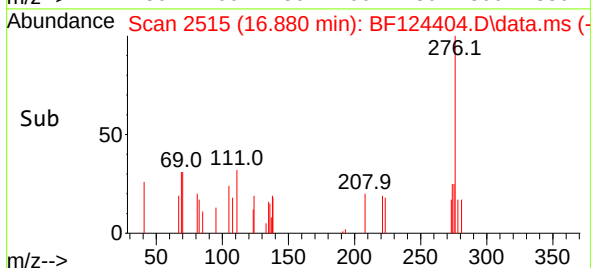
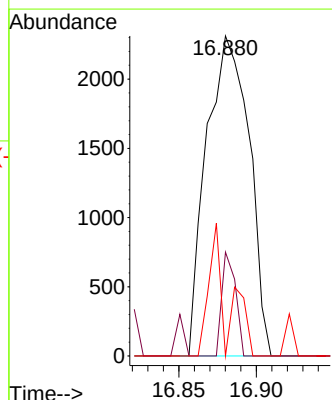
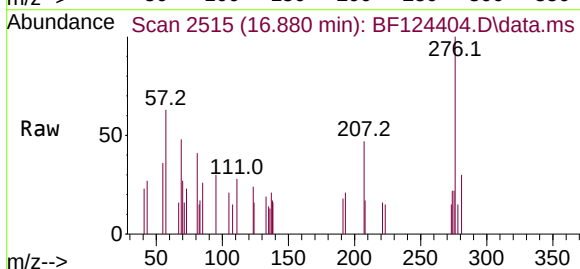
Instrument :
BNA_F
ClientSampled :
SB-1

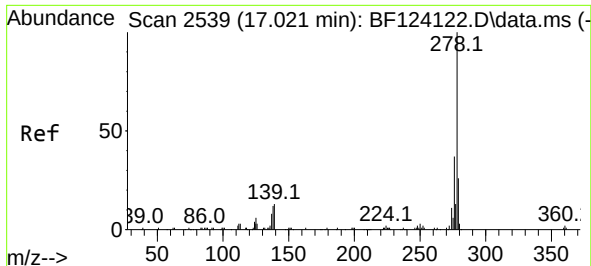
Tgt Ion:264 Resp: 81689
Ion Ratio Lower Upper
264 100
260 22.1 18.7 28.1
265 22.6 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:276 Resp: 4426
Ion Ratio Lower Upper
276 100
138 10.4 16.2 24.2#
277 18.4 20.1 30.1#

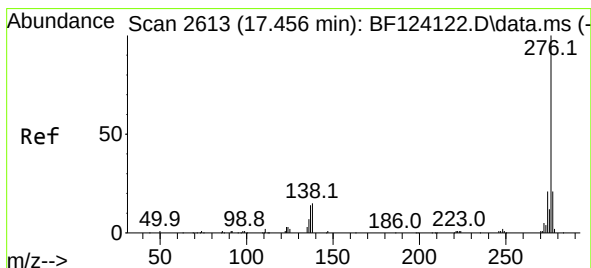
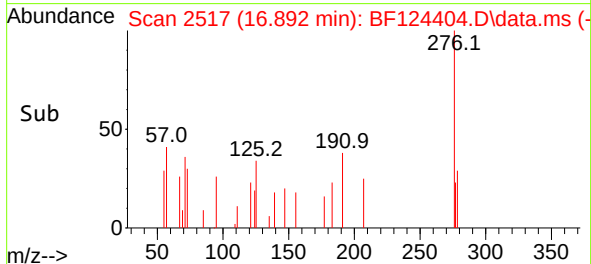
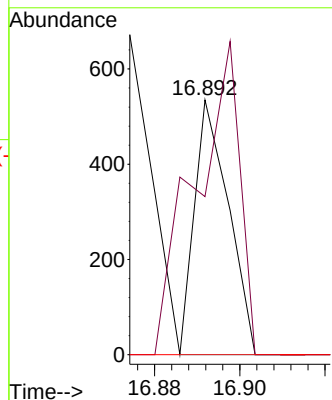
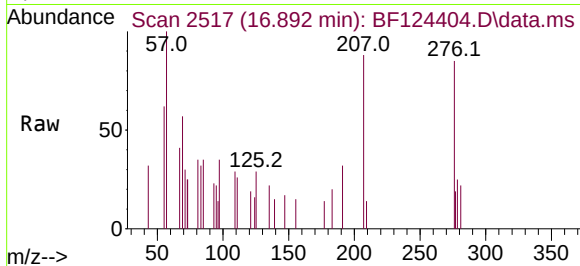




#91
Dibenzo(a,h)anthracene
Concen: 4.22 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Instrument :
BNA_F
ClientSampled :
SB-1

Tgt Ion:278 Resp: 296
Ion Ratio Lower Upper
278 100
139 62.1 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124404.D
Acq: 21 Jun 2021 21:09

Tgt Ion:276 Resp: 3344
Ion Ratio Lower Upper
276 100
277 33.0 18.2 27.2#
138 37.5 13.8 20.6#

