

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124398.D
 Acq On : 21 Jun 2021 17:45
 Operator : JU/CG
 Sample : M2772-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

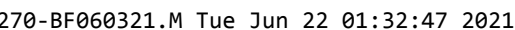
Quant Time: Jun 22 01:32:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

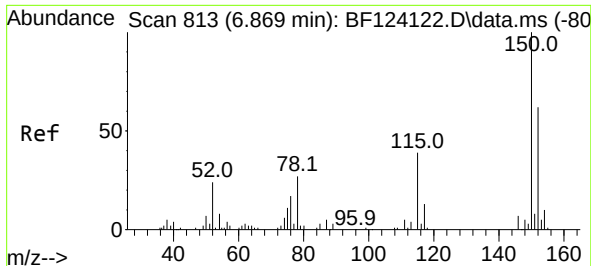
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32428	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	122979	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	71002	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	128233	20.00	ng	0.00
76) Chrysene-d12	13.957	240	73462	20.00	ng	0.00
86) Perylene-d12	15.415	264	77679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	153014	71.03	ng	0.00
7) Phenol-d6	6.428	99	178170	61.53	ng	-0.02
23) Nitrobenzene-d5	7.351	82	142833	46.06	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	62545	62.18	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	265707	47.09	ng	0.00
79) Terphenyl-d14	12.898	244	270500	50.55	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	19890	9.73	ng	# 60
25) Isophorone	7.351	82	142831	25.56	ng	# 69
50) Dimethylphthalate	9.822	163	13474	2.29	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9736	7.23	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	9736	5.48	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	3801	2.16	ng	# 1
75) Fluoranthene	12.527	202	20104	2.39	ng	94
77) Benzidine	12.898	184	4345	6.38	ng	# 94
78) Pyrene	12.757	202	19088	2.71	ng	93
87) Indeno(1,2,3-cd)pyrene	16.886	276	4462	4.96	ng	# 65
91) Dibenzo(a,h)anthracene	16.898	278	901	4.32	ng	# 57
92) Benzo(g,h,i)perylene	17.321	276	3732	4.44	ng	# 74

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

Quant Time: Jun 22 01:32:40 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

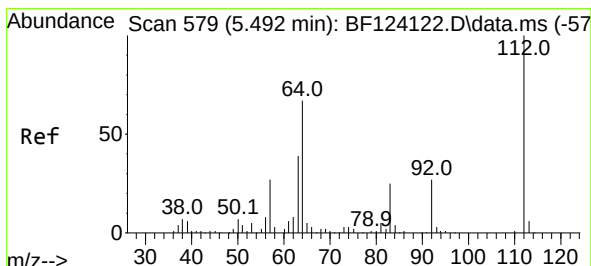
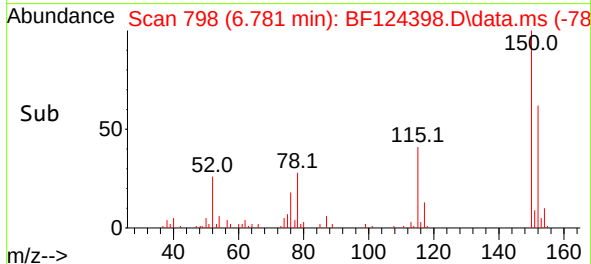
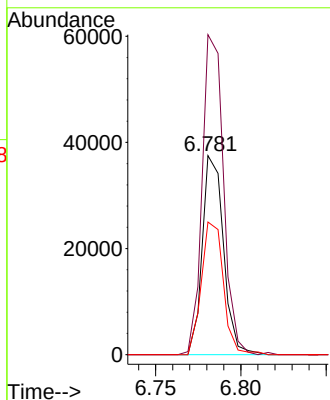
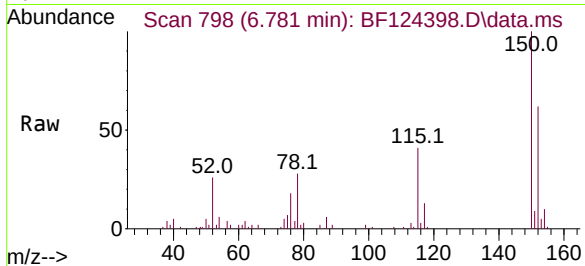




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

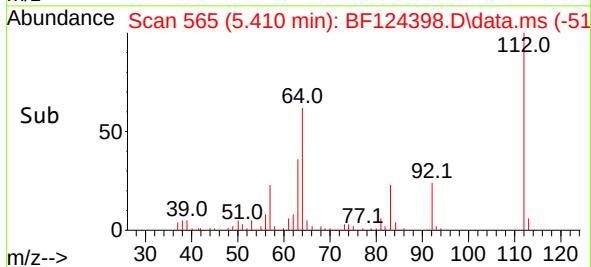
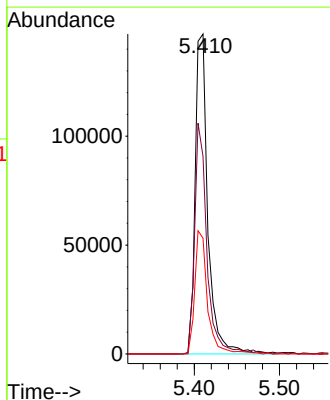
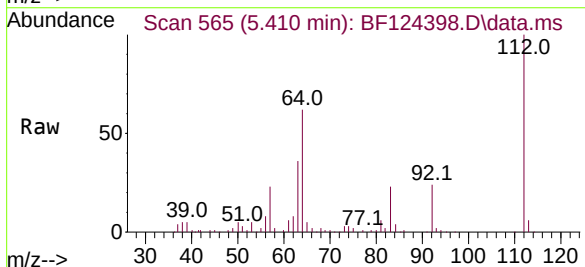
Instrument :
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ClientSampled :
SB-11

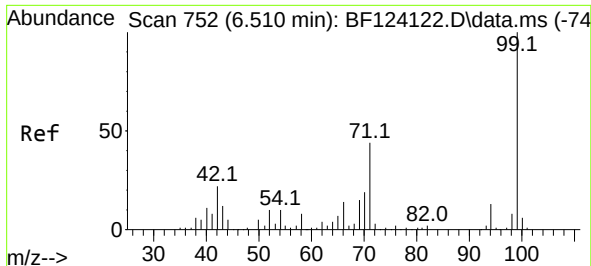
Tgt Ion:152 Resp: 32428
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 66.6 54.3 81.5



#5
2-Fluorophenol
Concen: 71.03 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:112 Resp: 153014
Ion Ratio Lower Upper
112 100
64 61.8 61.4 92.0
63 36.2 33.0 49.4

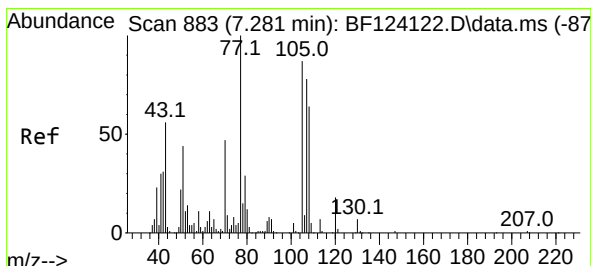
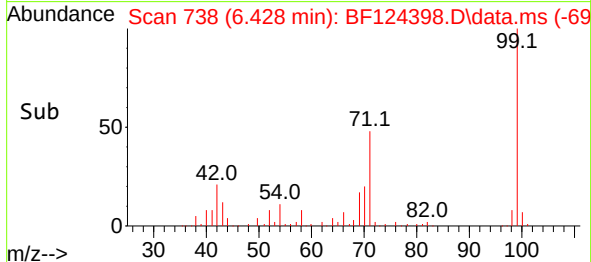
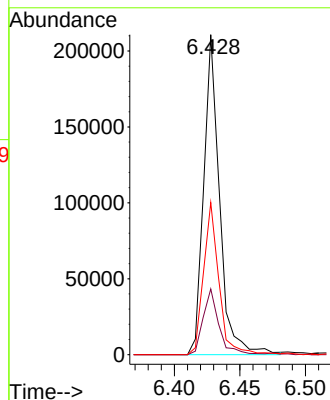
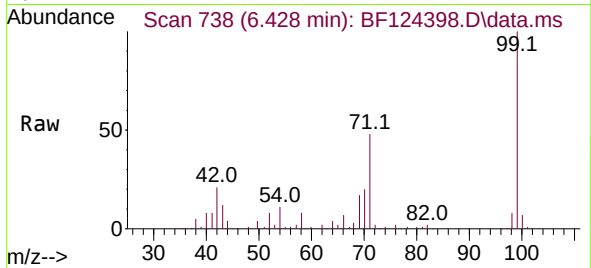




#7
Phenol-d6
Concen: 61.53 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

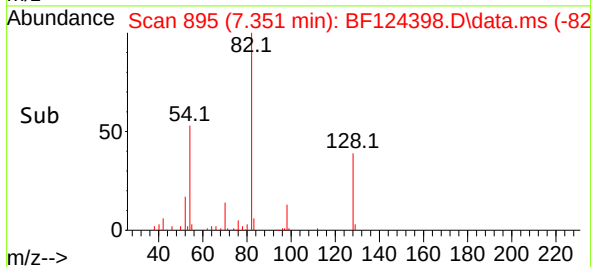
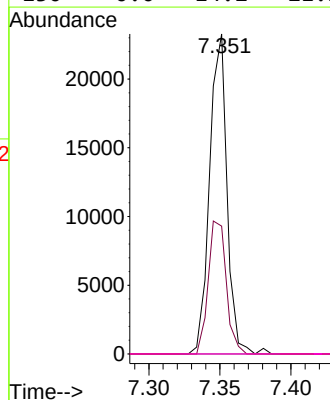
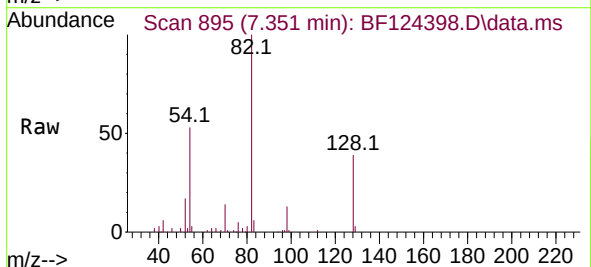
Instrument :
BNA_F
ClientSampled :
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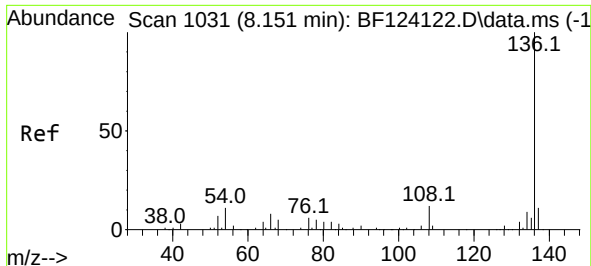
Tgt Ion: 99 Resp: 178170
Ion Ratio Lower Upper
99 100
42 20.6 19.8 29.8
71 47.6 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.73 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

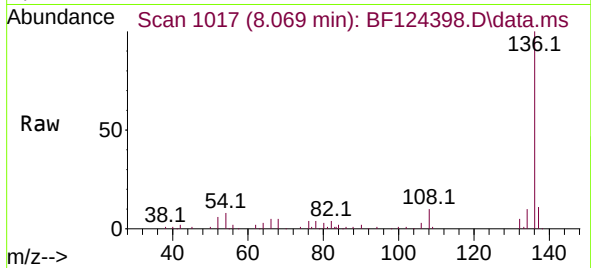
Tgt Ion: 70 Resp: 19890
Ion Ratio Lower Upper
70 100
42 40.0 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



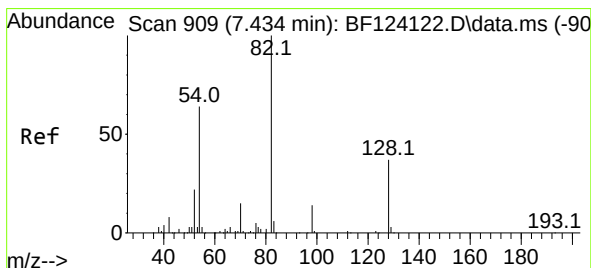
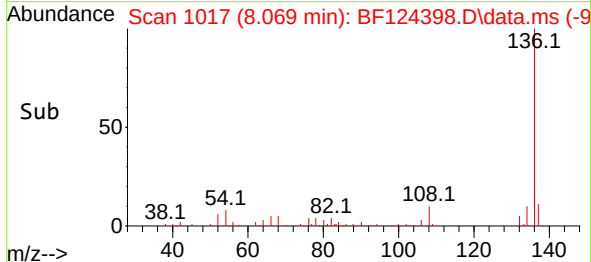
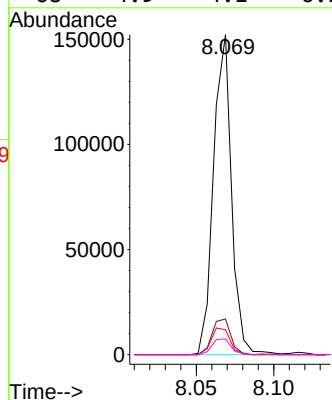


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Instrument :
BNA_F
ClientSampled :
SB-11

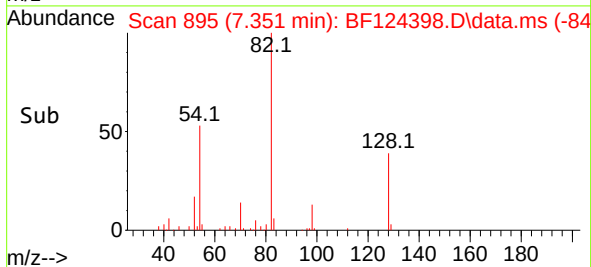
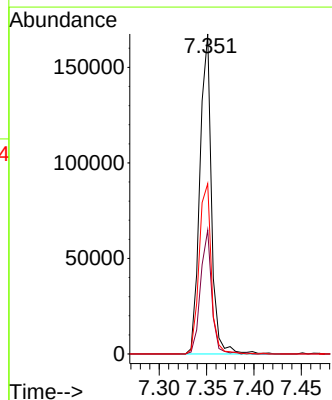
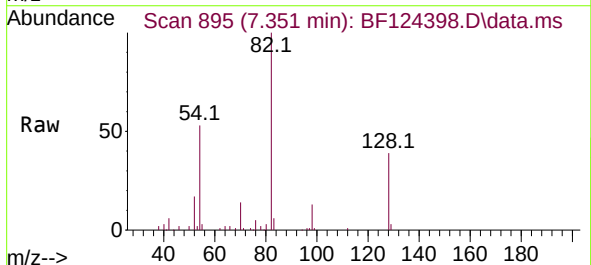


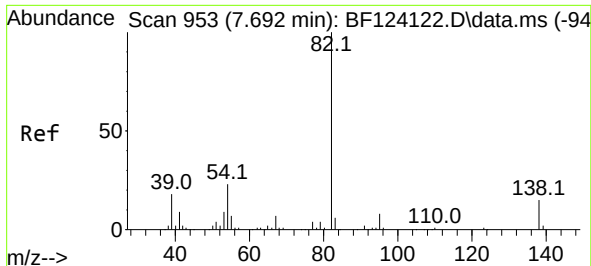
Tgt Ion:136 Resp: 122979
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 9.8 14.6#
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.06 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion: 82 Resp: 142833
Ion Ratio Lower Upper
82 100
128 38.7 29.4 44.2
54 53.2 54.1 81.1#

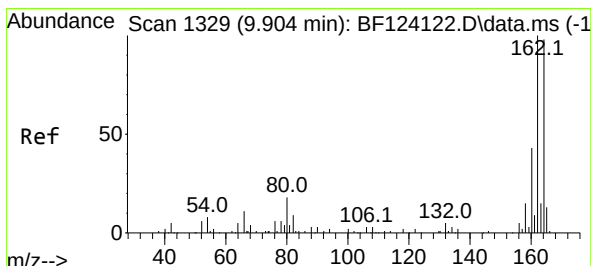
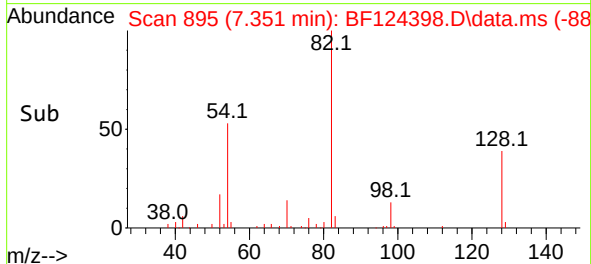
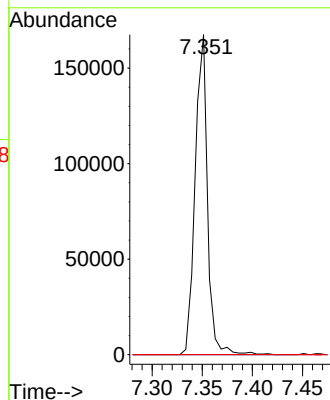
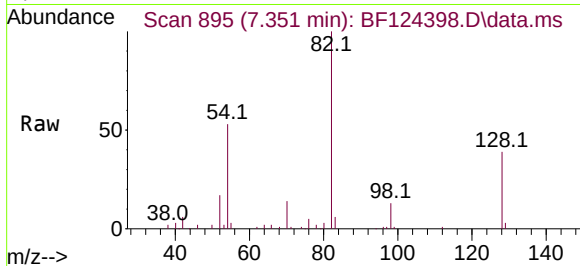




#25
Isophorone
Concen: 25.56 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

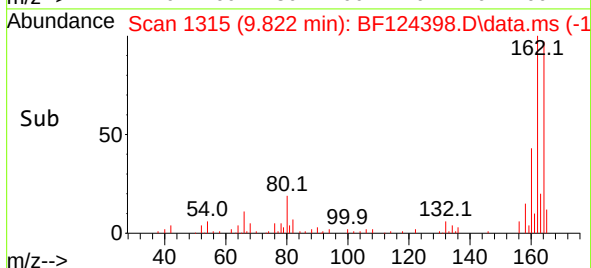
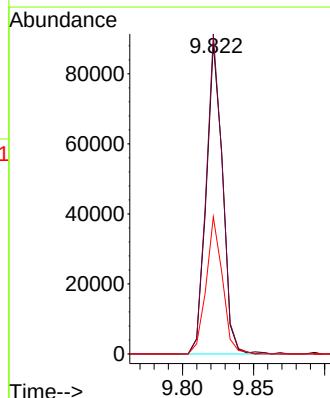
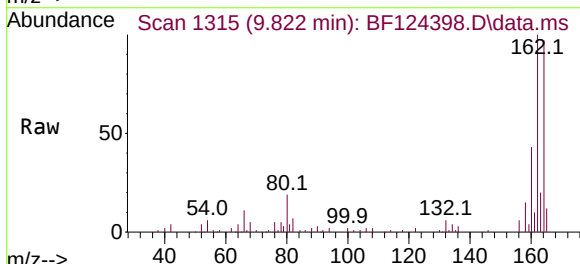
Instrument :
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ClientSampled :
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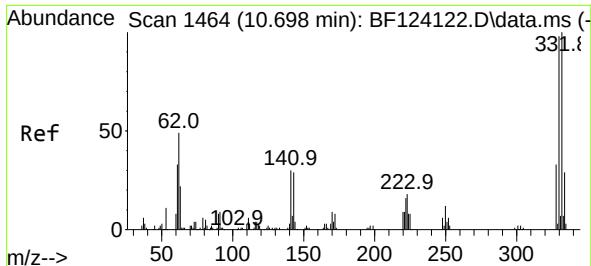
Tgt Ion: 82 Resp: 142831
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion: 164 Resp: 71002
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 44.1 37.3 55.9

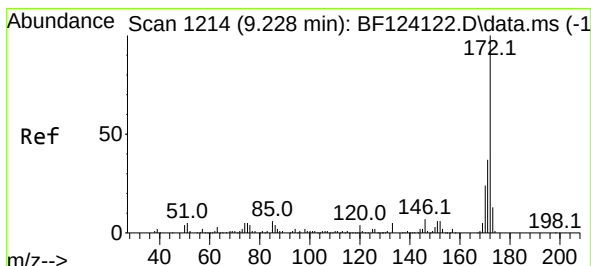
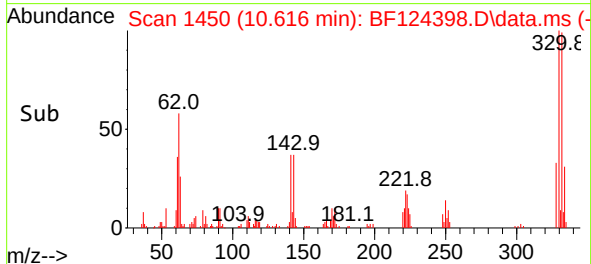
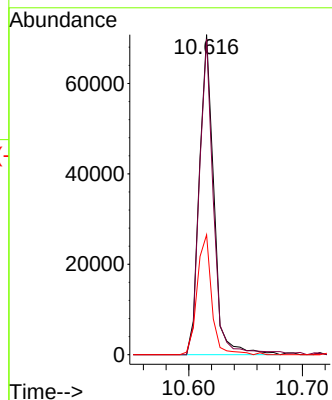
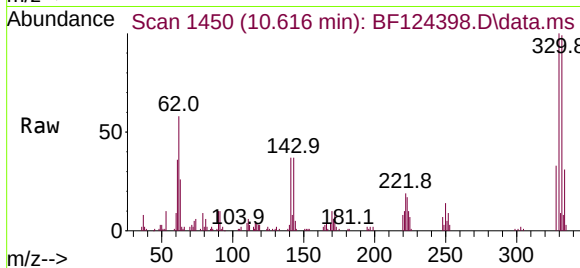




#42
2,4,6-Tribromophenol
Concen: 62.18 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

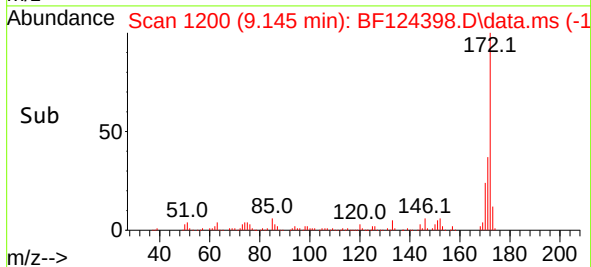
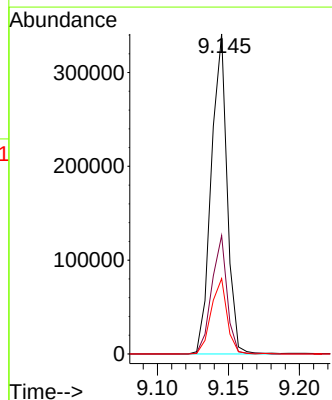
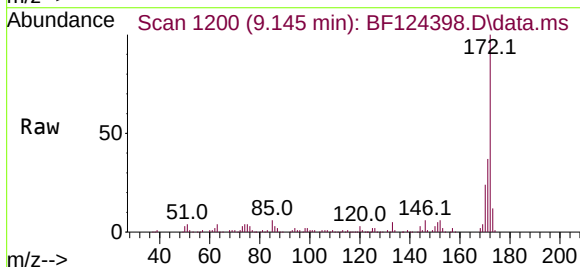
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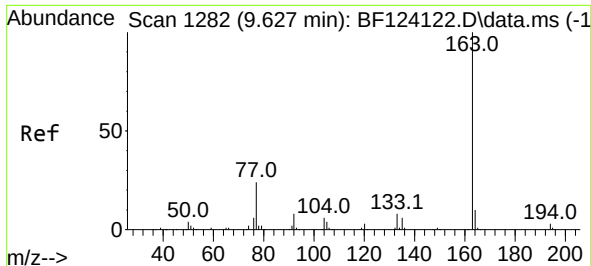
Tgt Ion: 330 Resp: 62545
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.09 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion: 172 Resp: 265707
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.6 19.2 28.8

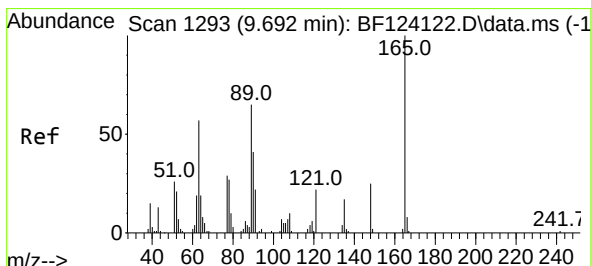
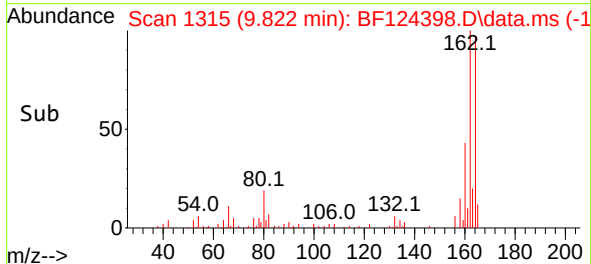
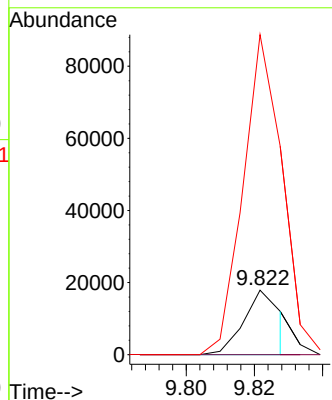
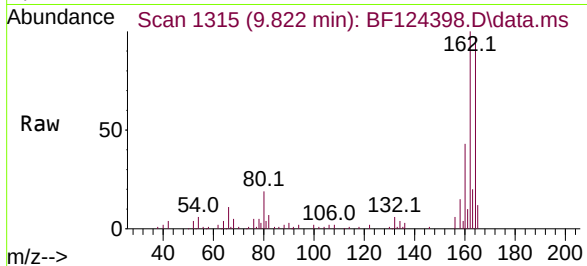




#50
Dimethylphthalate
Concen: 2.29 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

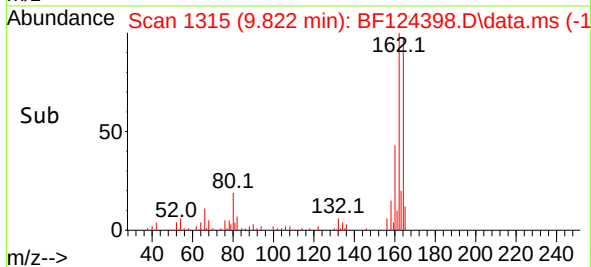
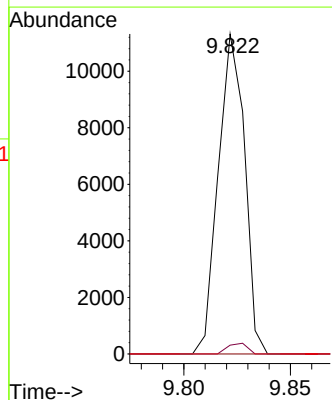
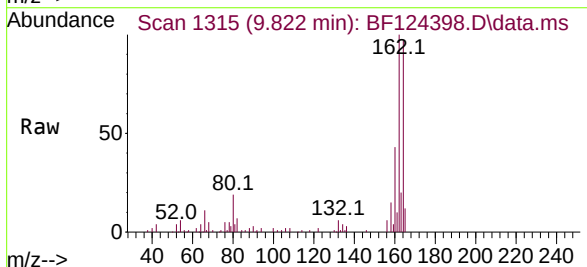
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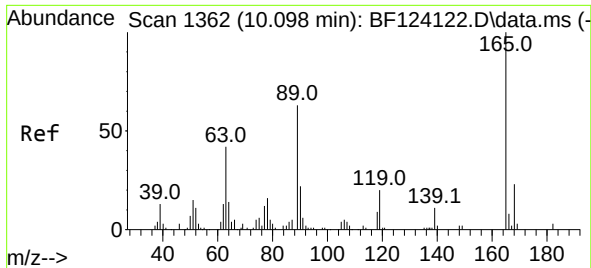
Tgt Ion:163 Resp: 13474
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 496.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.23 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

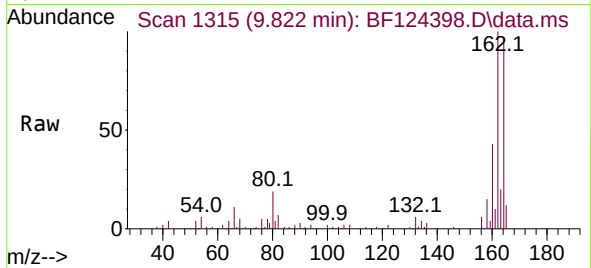
Tgt Ion:165 Resp: 9736
Ion Ratio Lower Upper
165 100
63 2.8 67.7 101.5#
89 0.0 58.8 88.2#



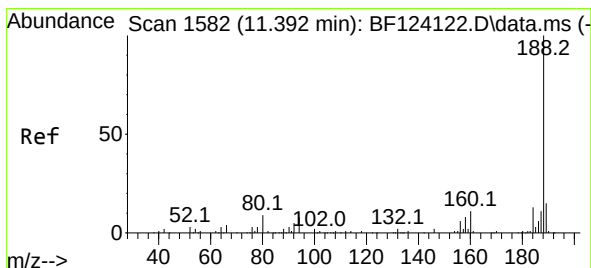
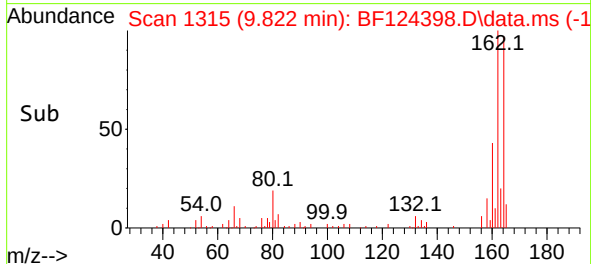
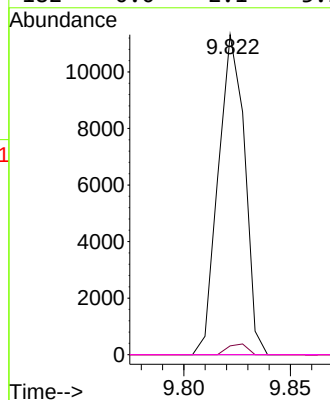


#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Instrument :
BNA_F
ClientSampled :
SB-11

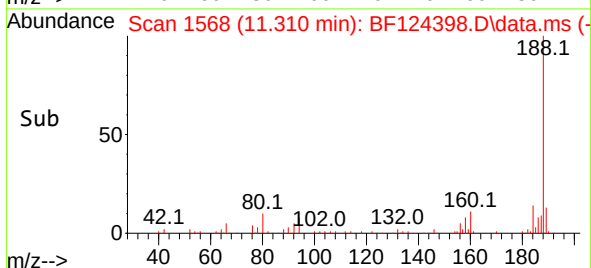
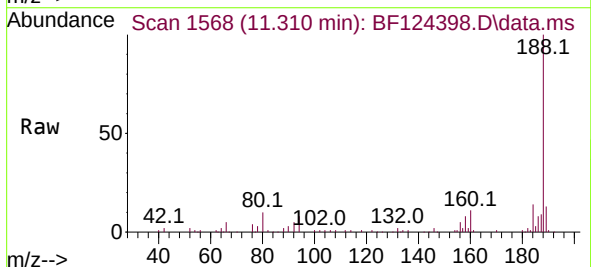
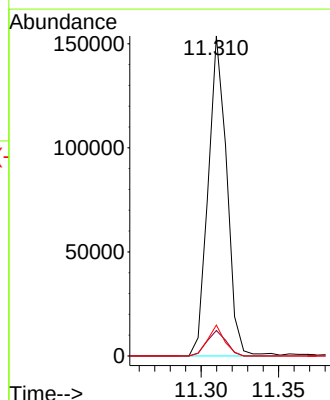


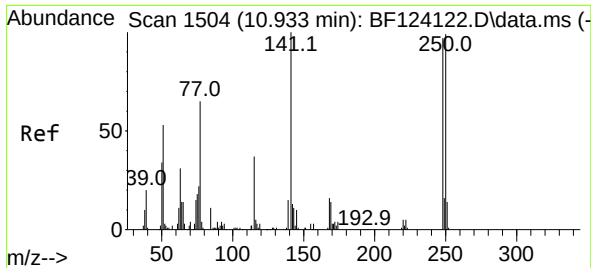
Tgt Ion:165 Resp: 9736
Ion Ratio Lower Upper
165 100
63 2.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:188 Resp: 128233
Ion Ratio Lower Upper
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94 7.9 6.9 10.3
80 9.7 8.2 12.2

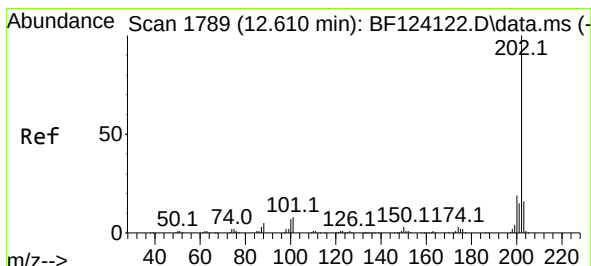
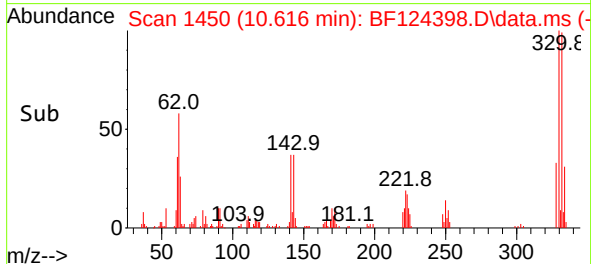
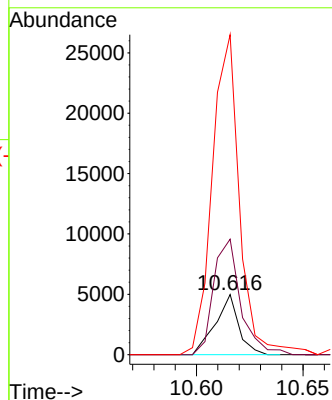
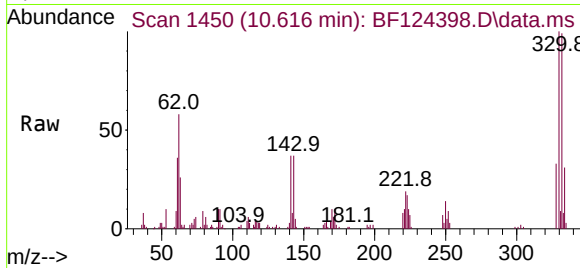




#67
4-Bromophenyl-phenylether
Concen: 2.16 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

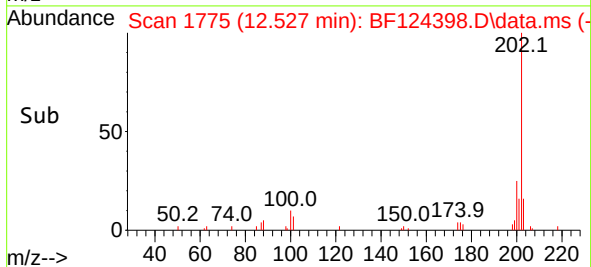
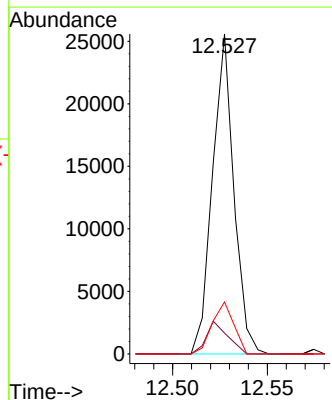
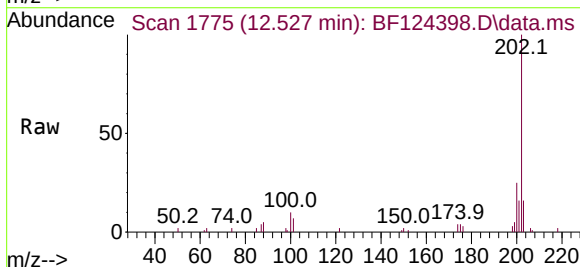
Instrument :
BNA_F
ClientSampled :
SB-11

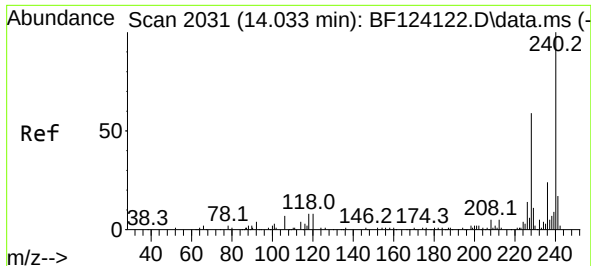
Tgt Ion:248 Resp: 3801
Ion Ratio Lower Upper
248 100
250 192.2 77.4 116.2#
141 532.5 63.7 95.5#



#75
Fluoranthene
Concen: 2.39 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:202 Resp: 20104
Ion Ratio Lower Upper
202 100
101 6.5 0.0 30.9
203 16.2 0.0 37.5

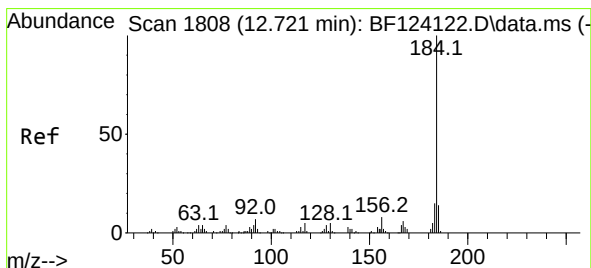
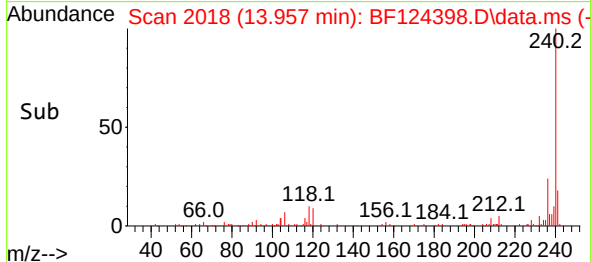
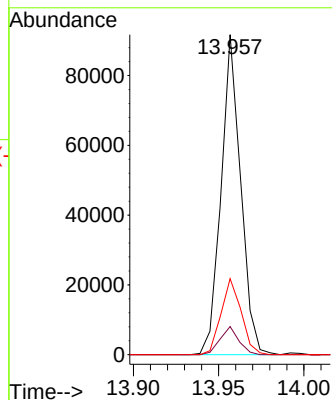
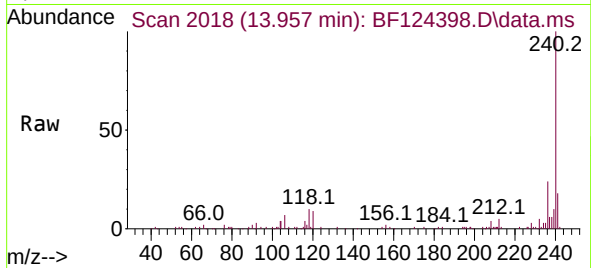




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

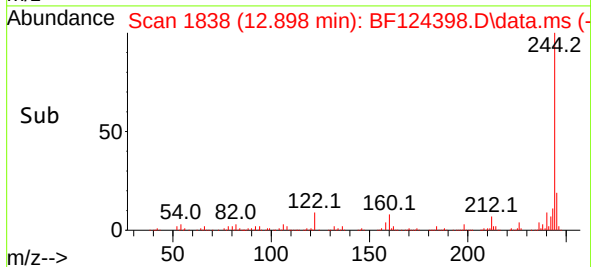
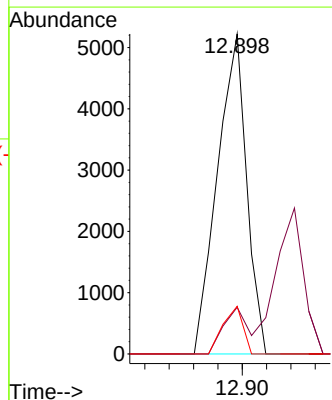
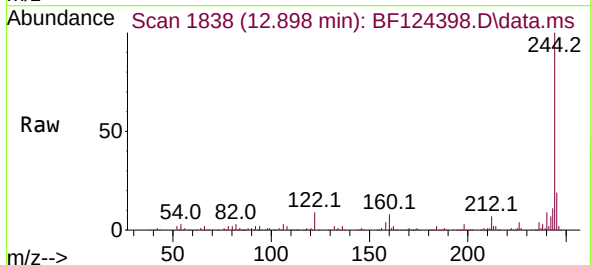
Instrument :
BNA_F
ClientSampled :
SB-11

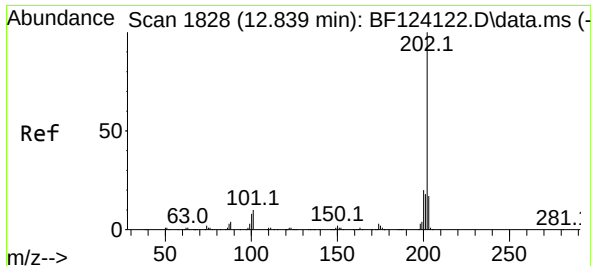
Tgt Ion:240 Resp: 73462
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 6.38 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:184 Resp: 4345
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 14.9 7.8 11.8#

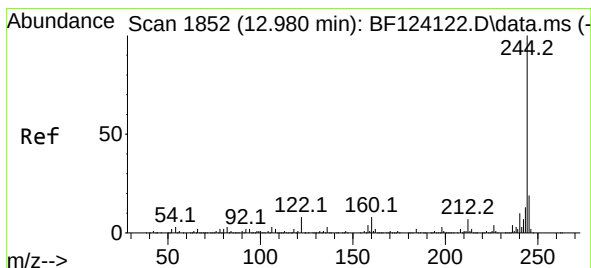
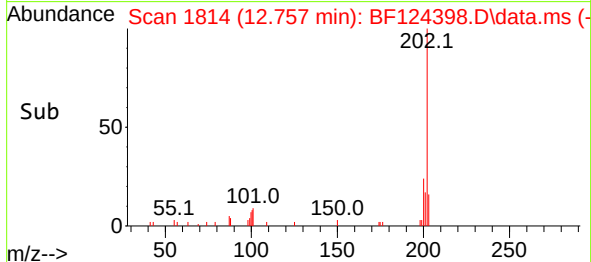
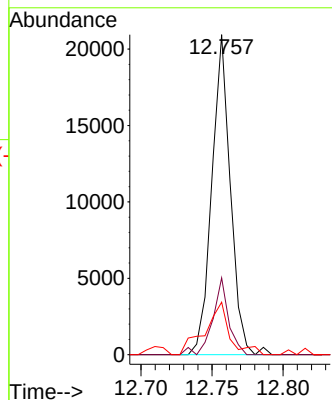
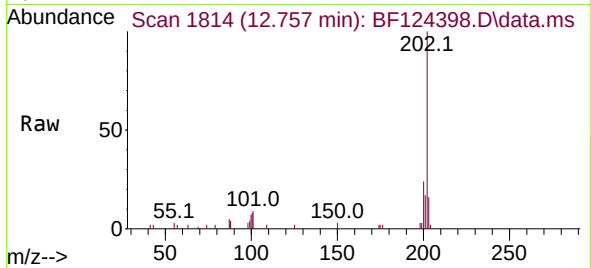




#78
 Pyrene
 Concen: 2.71 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF124398.D
 Acq: 21 Jun 2021 17:45

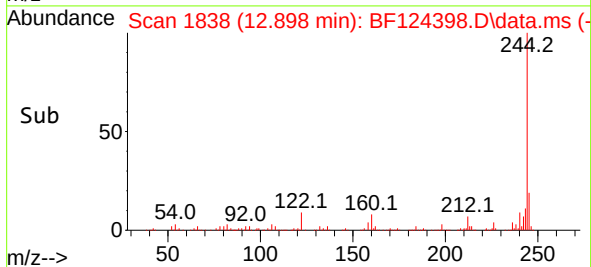
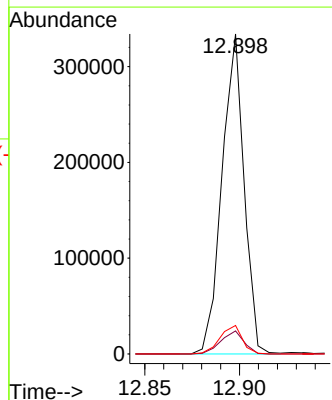
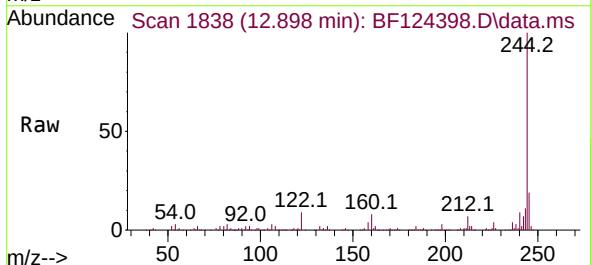
Instrument :
 BNA_F
 ClientSampled :
 SB-11

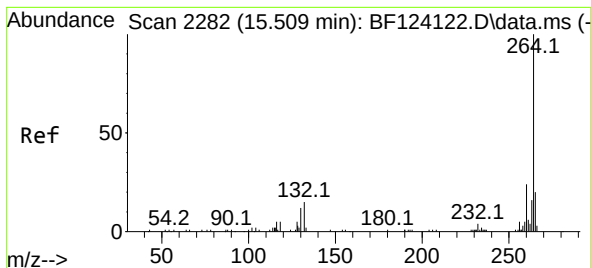
Tgt Ion:202	Resp:	19088
Ion Ratio	Lower	Upper
202	100	
200	24.0	16.1 24.1
203	16.4	14.8 22.2



#79
 Terphenyl-d14
 Concen: 50.55 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124398.D
 Acq: 21 Jun 2021 17:45

Tgt Ion:244	Resp:	270500
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.7 8.5
122	8.9	9.7 14.5#

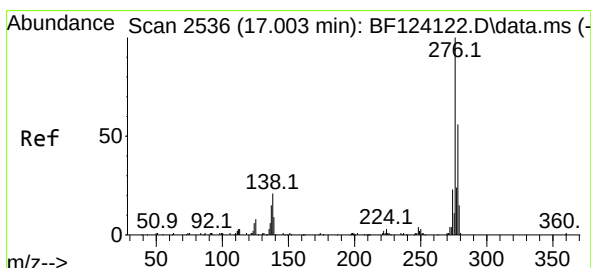
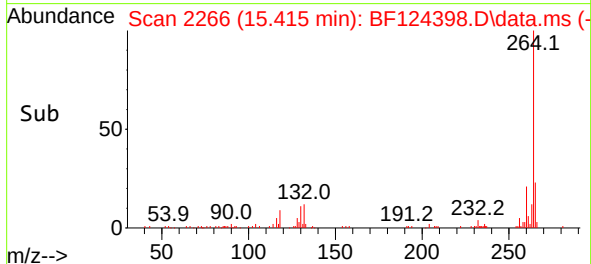
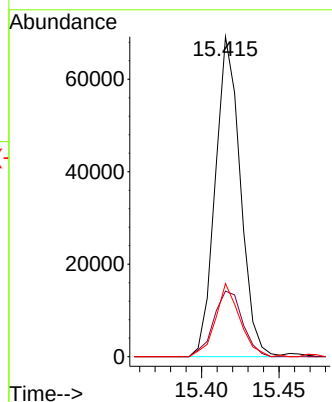
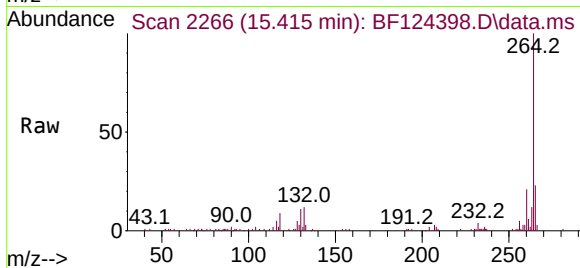




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

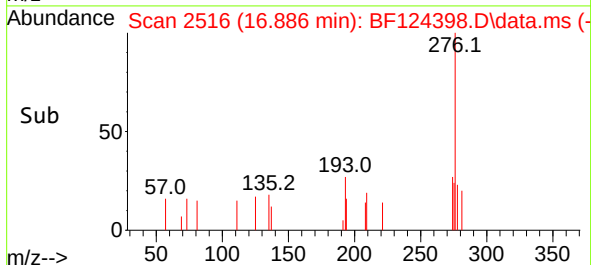
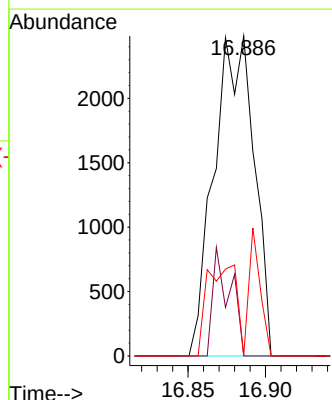
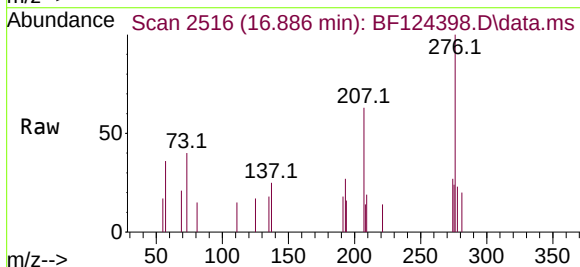
Instrument :
BNA_F
ClientSampled :
SB-11

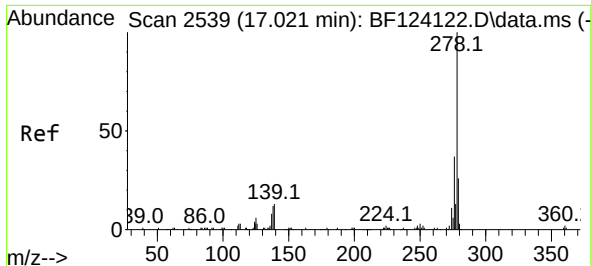
Tgt Ion:264 Resp: 77679
Ion Ratio Lower Upper
264 100
260 20.5 18.7 28.1
265 22.9 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.96 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:276 Resp: 4462
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 11.2 20.1 30.1#

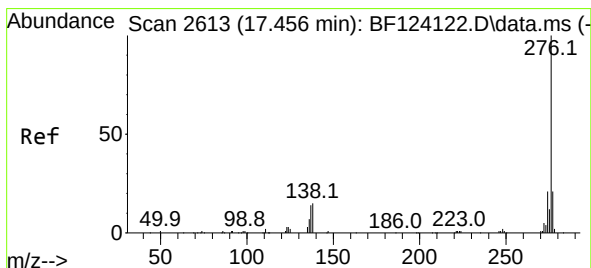
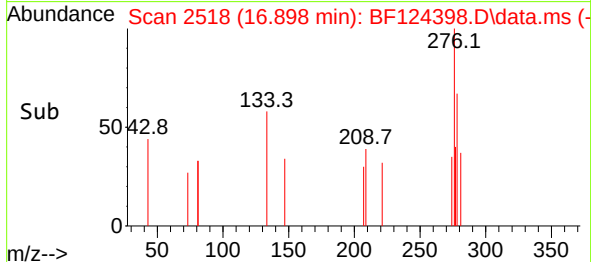
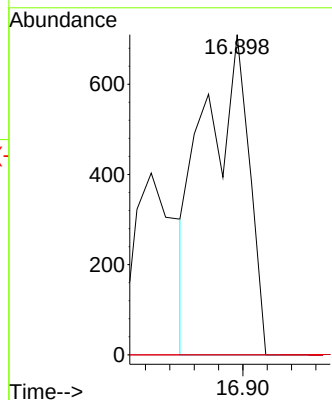
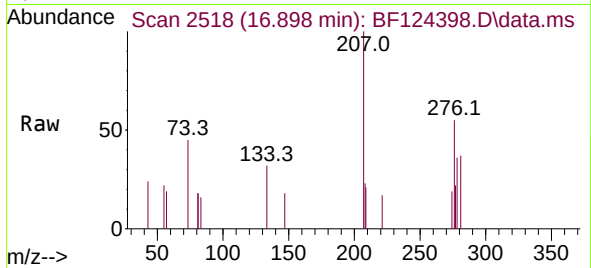




#91
Dibenzo(a,h)anthracene
Concen: 4.32 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Instrument :
BNA_F
ClientSampled :
SB-11

Tgt Ion:278 Resp: 901
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124398.D
Acq: 21 Jun 2021 17:45

Tgt Ion:276 Resp: 3732
Ion Ratio Lower Upper
276 100
277 18.2 18.2 27.2#
138 38.5 13.8 20.6#

