

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124412.D
 Acq On : 22 Jun 2021 15:10
 Operator : JU/CG
 Sample : M2773-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-AOC-2

Quant Time: Jun 22 15:47:05 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)

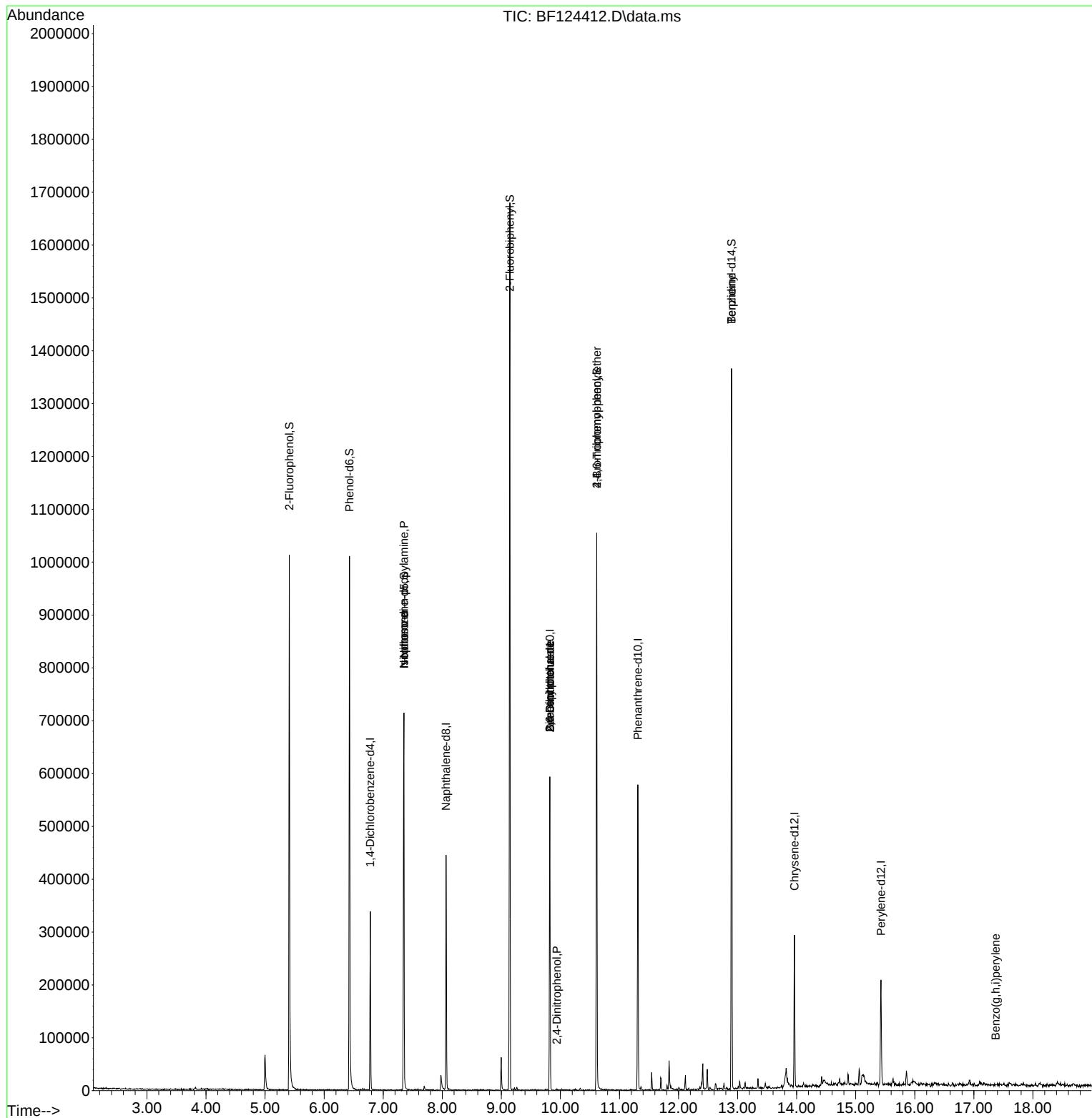
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42178	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	168017	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	104619	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	191927	20.000	ng	0.00
76) Chrysene-d12	13.963	240	90959	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	78134	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	223744	79.855	ng	0.00
7) Phenol-d6	6.428	99	282706	75.065	ng	-0.02
23) Nitrobenzene-d5	7.351	82	221585	52.306	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	107264	72.368	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	460498	55.389	ng	0.00
79) Terphenyl-d14	12.898	244	440665	66.515	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	30896	11.621	ng	# 63
25) Isophorone	7.351	82	221583	29.026	ng	# 69
50) Dimethylphthalate	9.822	163	20685	2.390	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	13970	7.039	ng	# 12
54) 2,4-Dinitrophenol	9.939	184	437	3.923	ng	# 80
57) 2,4-Dinitrotoluene	9.822	165	13970	5.337	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	8044	3.054	ng	# 1
77) Benzidine	12.898	184	7753	7.409	ng	# 88
92) Benzo(g,h,i)perylene	17.368	276	136	3.830	ng	# 56

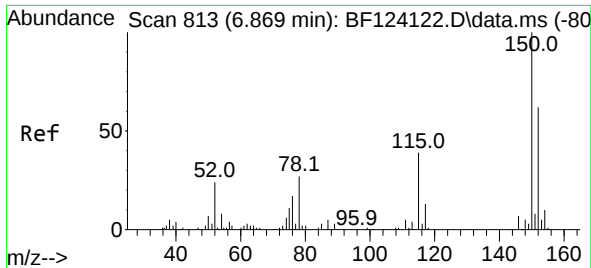
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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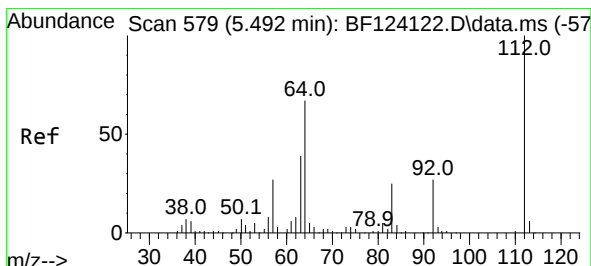
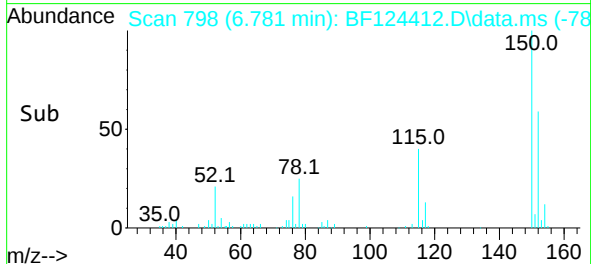
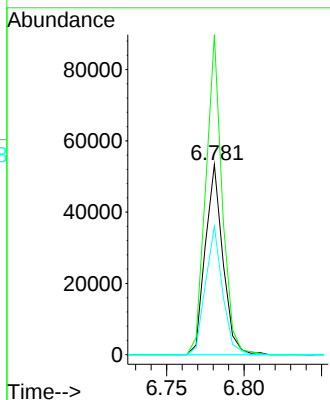
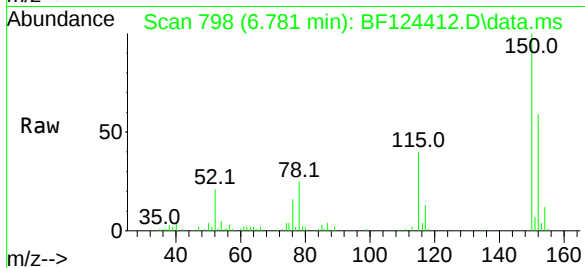




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

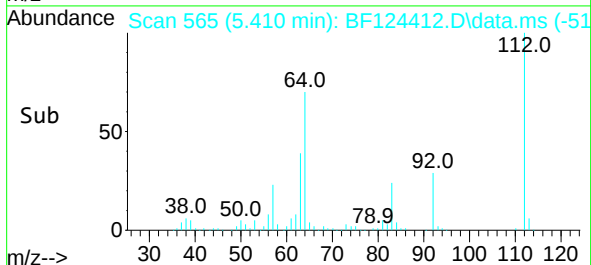
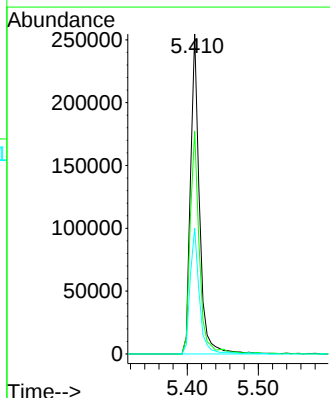
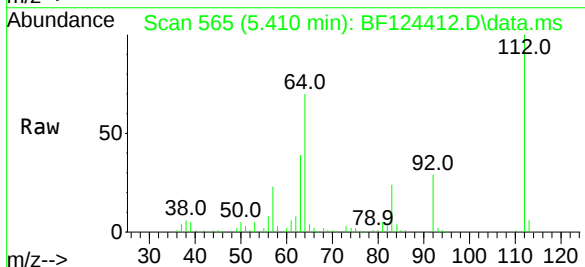
Instrument :
BNA_F
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SB-9-AOC-2

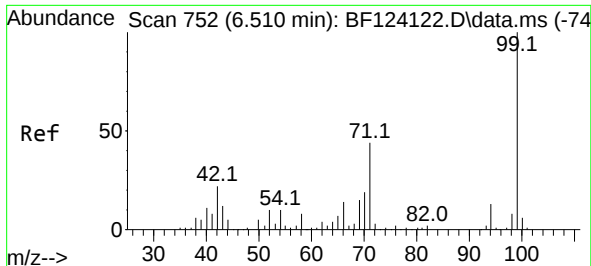
Tgt Ion:152 Resp: 42178
Ion Ratio Lower Upper
152 100
150 168.4 127.0 190.6
115 67.6 54.3 81.5



#5
2-Fluorophenol
Concen: 79.855 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:112 Resp: 223744
Ion Ratio Lower Upper
112 100
64 69.5 61.4 92.0
63 39.4 33.0 49.4

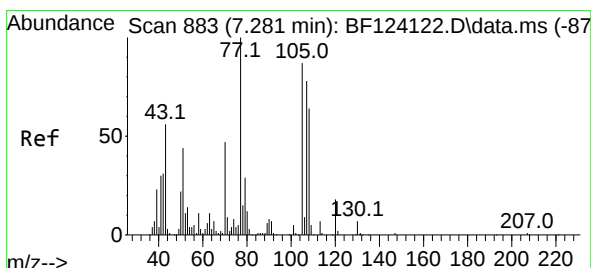
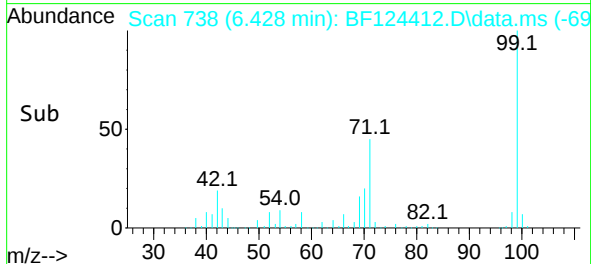
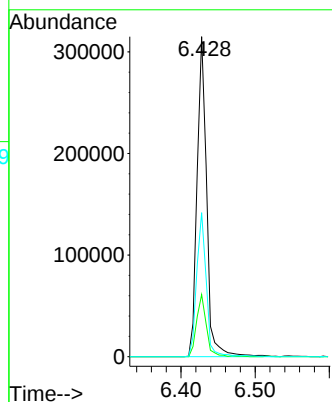
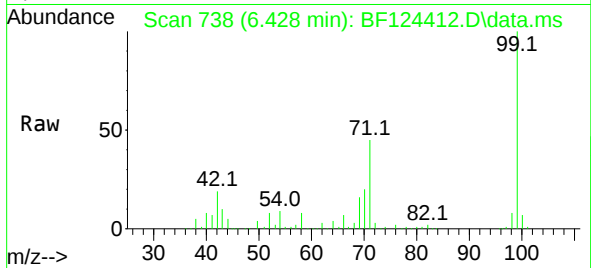




#7
Phenol-d6
Concen: 75.065 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

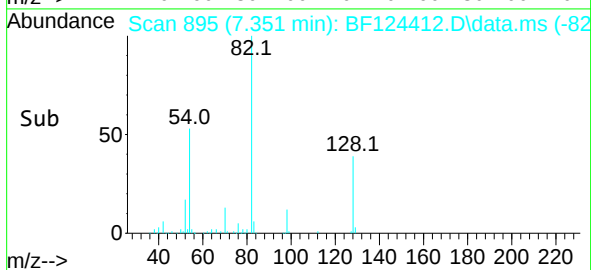
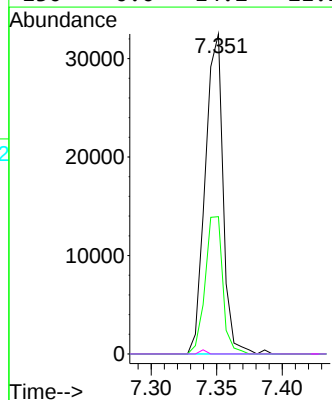
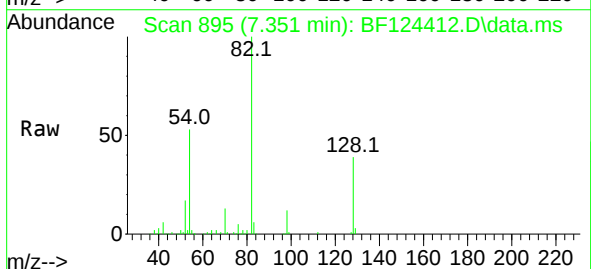
Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

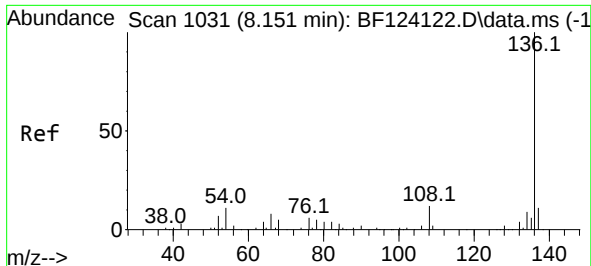
Tgt Ion: 99 Resp: 282706
Ion Ratio Lower Upper
99 100
42 19.4 19.8 29.8#
71 45.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.621 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

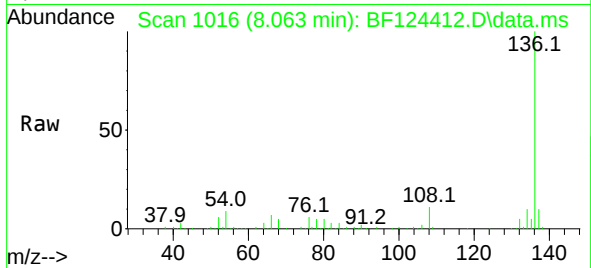
Tgt Ion: 70 Resp: 30896
Ion Ratio Lower Upper
70 100
42 42.9 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



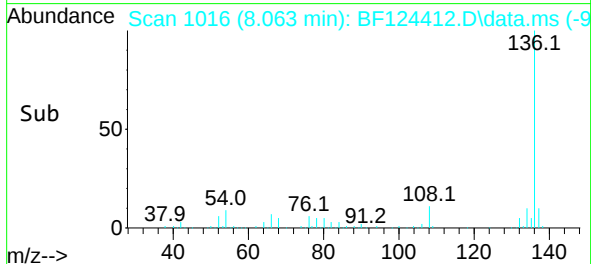
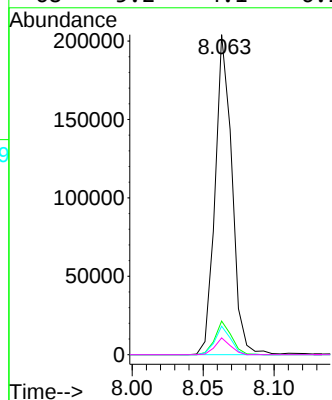


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

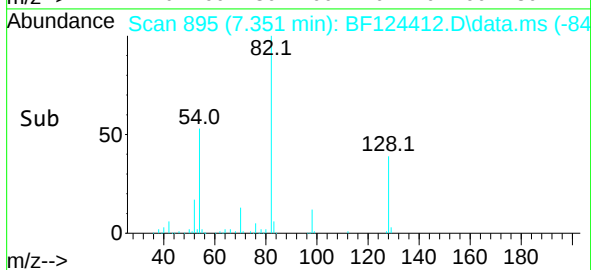
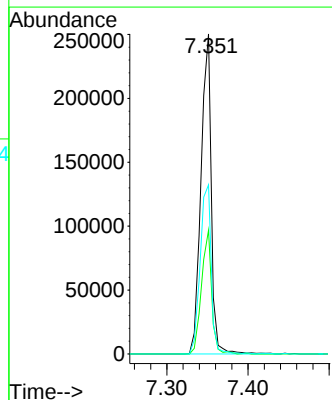
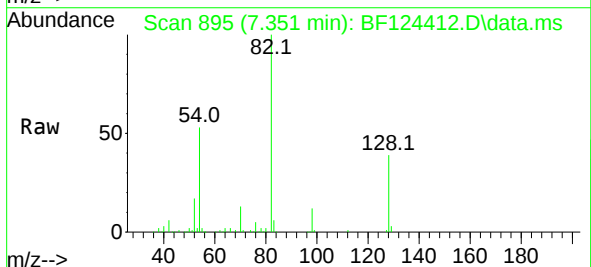


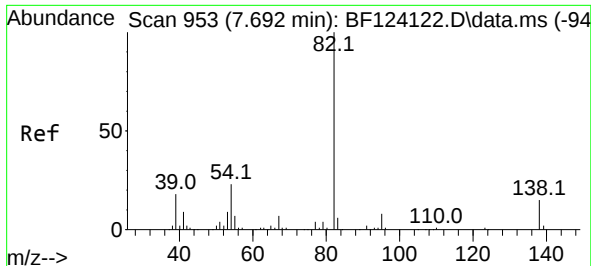
Tgt Ion:136	Resp: 168017
Ion Ratio	Lower Upper
136	100
137	10.5 8.7 13.1
54	8.9 9.8 14.6#
68	5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 52.306 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion: 82	Resp: 221585
Ion Ratio	Lower Upper
82	100
128	38.7 29.4 44.2
54	52.8 54.1 81.1#

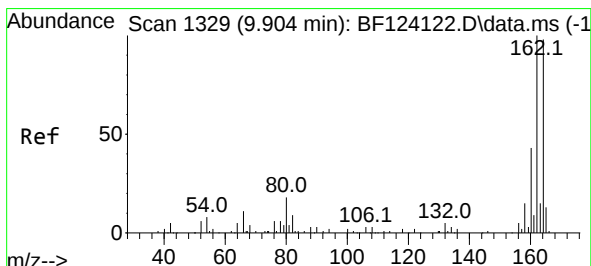
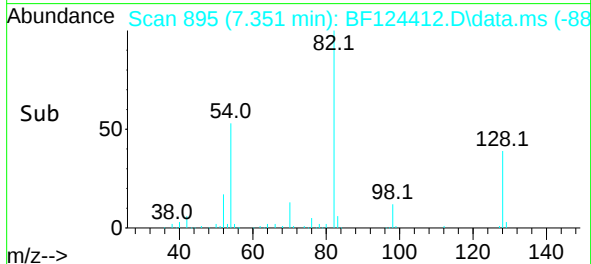
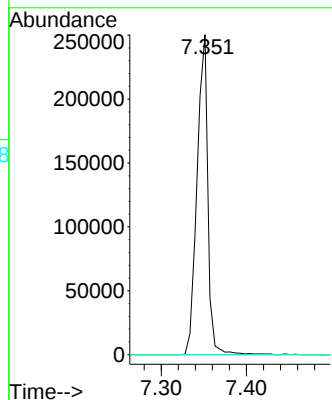
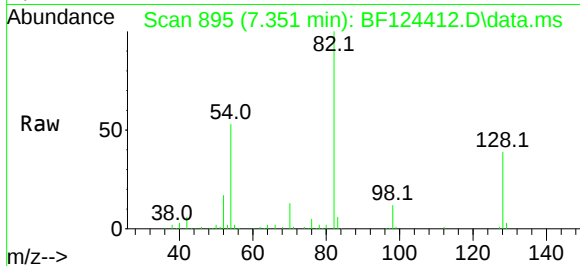




#25
Isophorone
Concen: 29.026 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

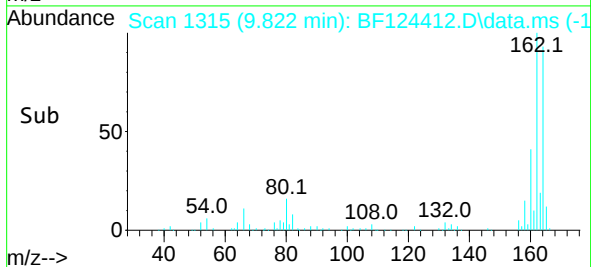
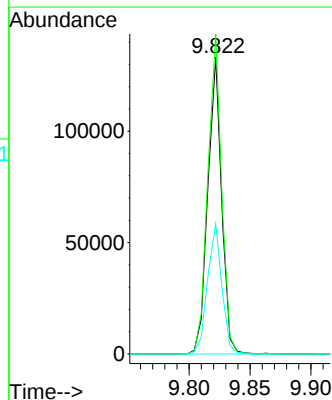
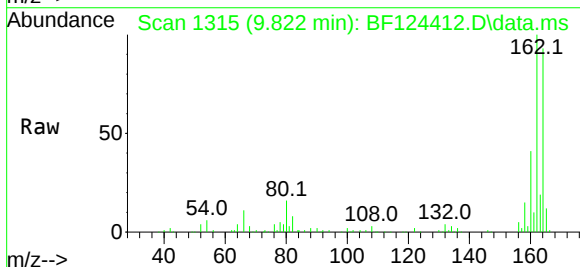
Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

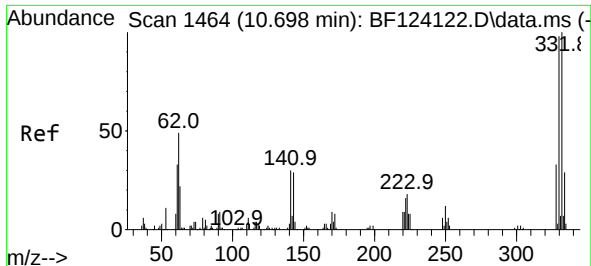
Tgt Ion: 82 Resp: 221583
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

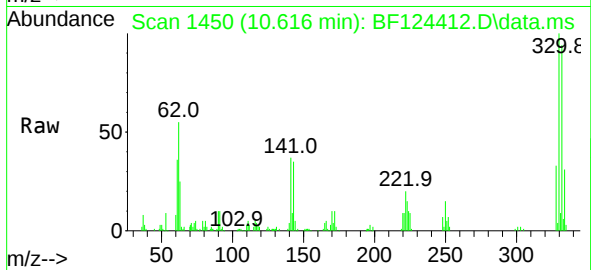
Tgt Ion: 164 Resp: 104619
Ion Ratio Lower Upper
164 100
162 107.8 80.7 121.1
160 43.9 37.3 55.9



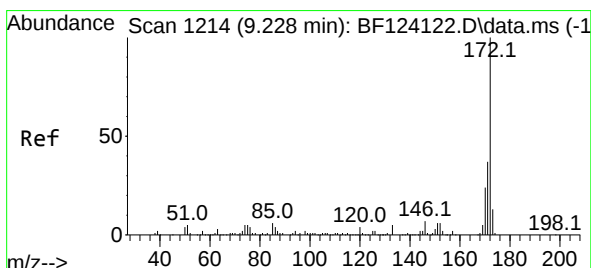
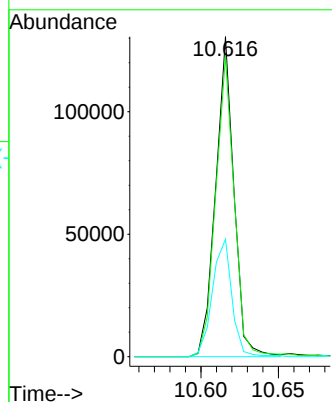
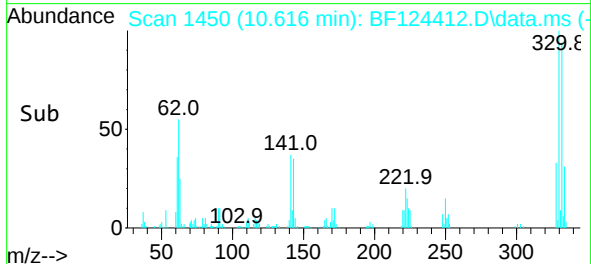


#42
2,4,6-Tribromophenol
Concen: 72.368 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

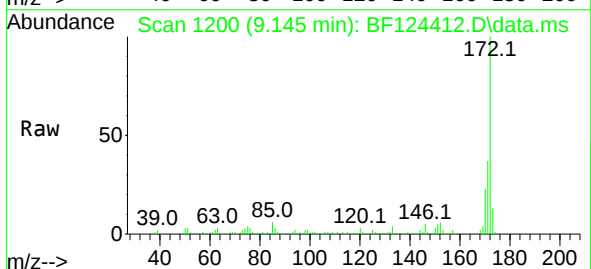
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ClientSampleId :
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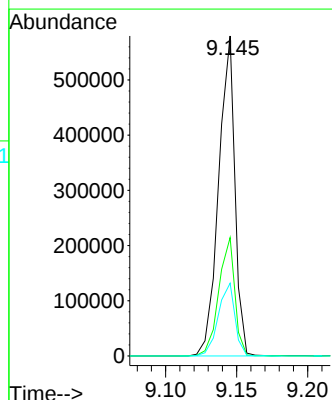
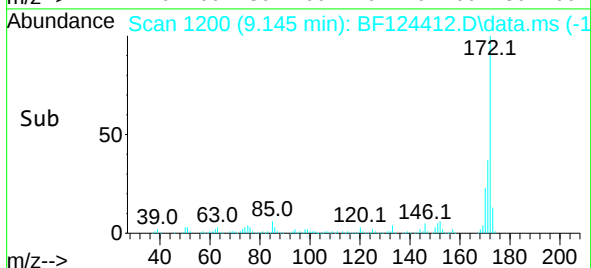
Tgt Ion:330 Resp: 107264
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 39.2 27.9 41.9

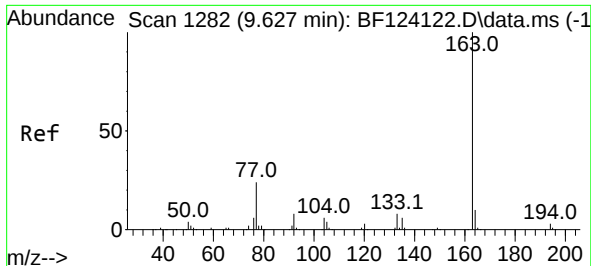


#45
2-Fluorobiphenyl
Concen: 55.389 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10



Tgt Ion:172 Resp: 460498
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 22.7 19.2 28.8

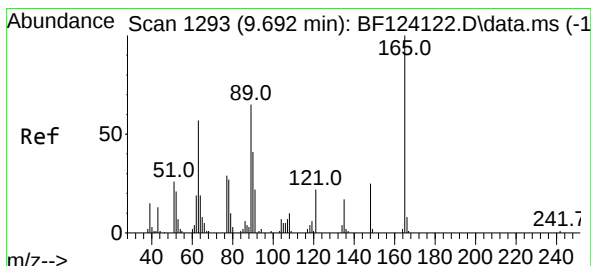
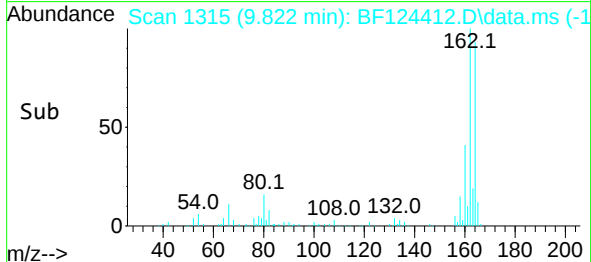
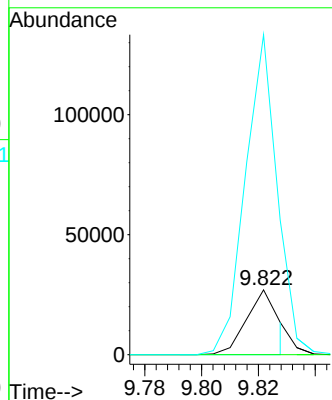
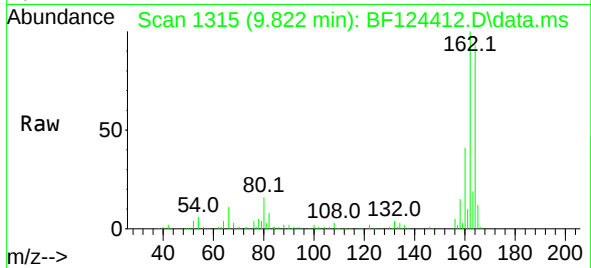




#50
Dimethylphthalate
Concen: 2.390 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

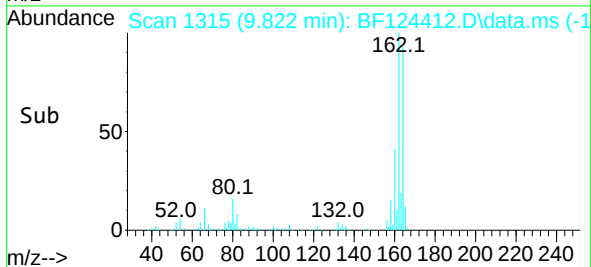
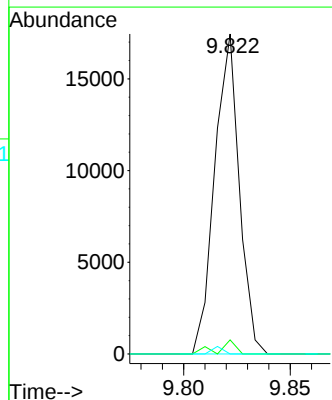
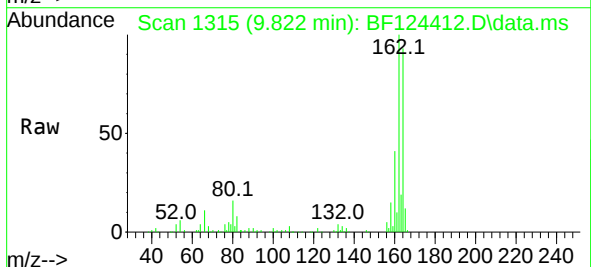
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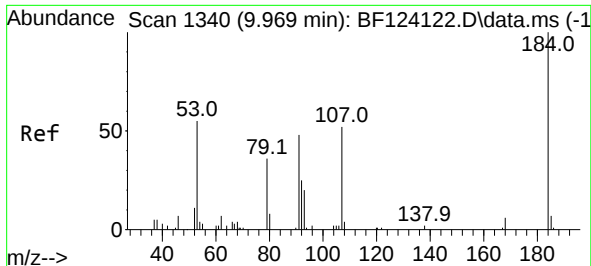
Tgt Ion:163 Resp: 20685
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 494.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.039 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:165 Resp: 13970
Ion Ratio Lower Upper
165 100
63 4.4 67.7 101.5#
89 0.0 58.8 88.2#

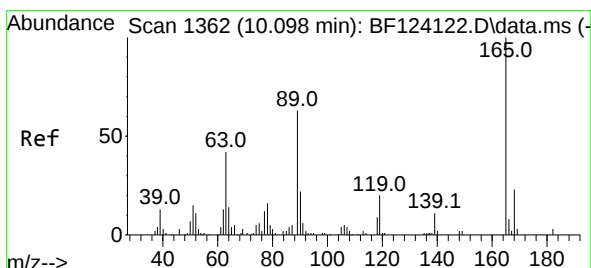
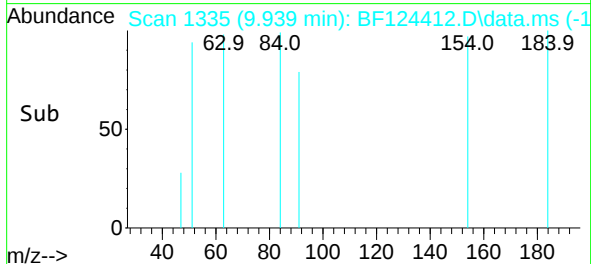
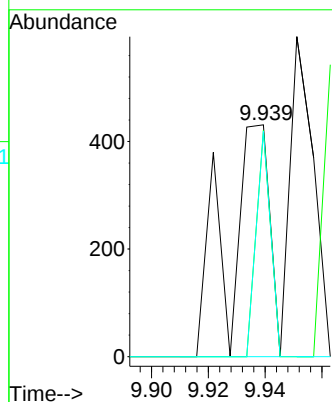
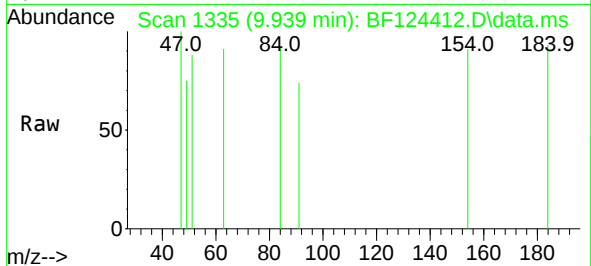




#54
2,4-Dinitrophenol
Concen: 3.923 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.030 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

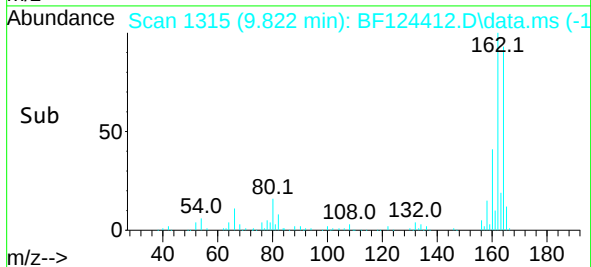
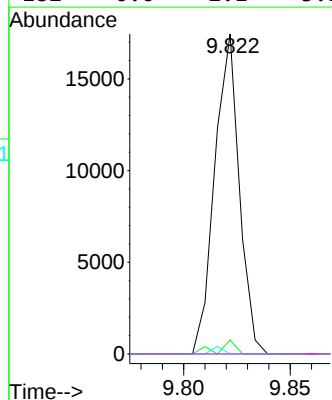
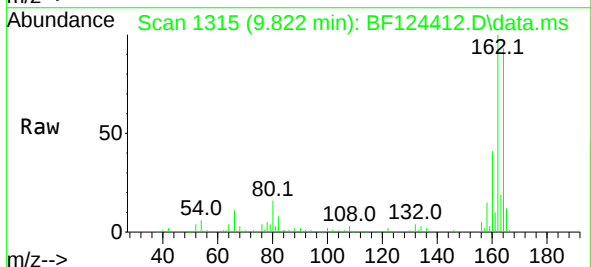
Instrument :
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SB-9-AOC-2

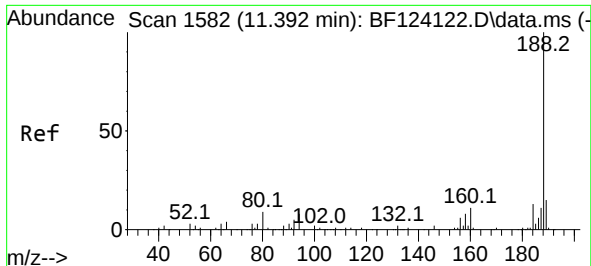
Tgt Ion:184 Resp: 437
Ion Ratio Lower Upper
184 100
63 97.7 73.5 110.3
154 97.2 52.5 78.7#



#57
2,4-Dinitrotoluene
Concen: 5.337 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:165 Resp: 13970
Ion Ratio Lower Upper
165 100
63 4.4 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

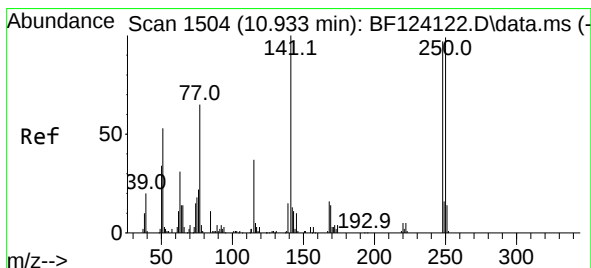
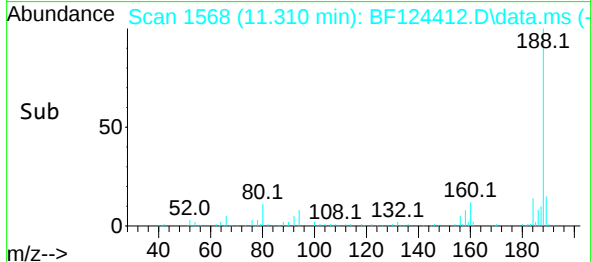
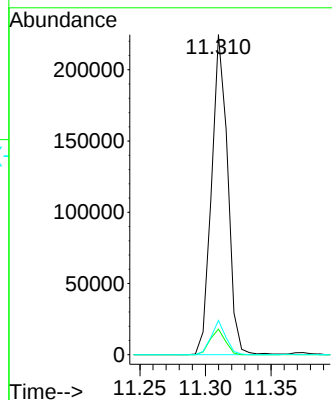
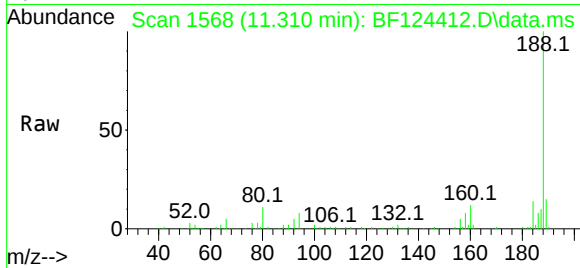




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

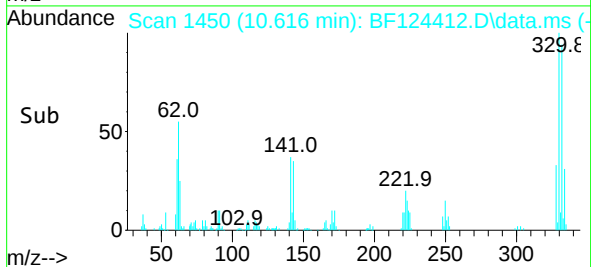
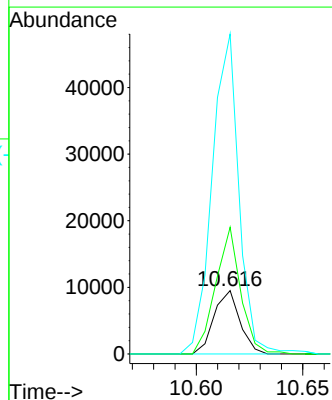
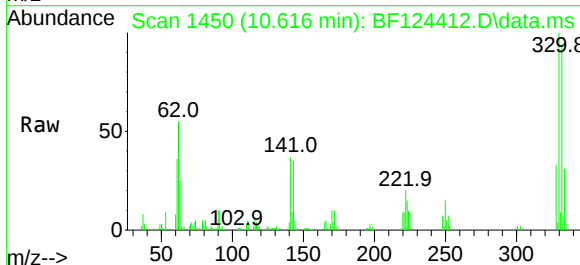
Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

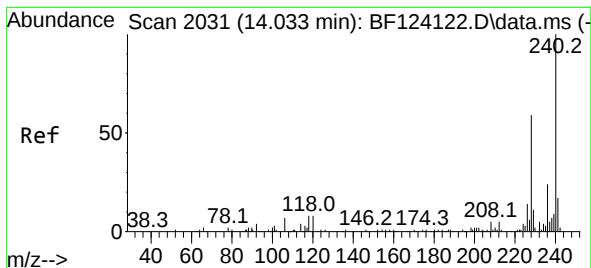
Tgt Ion:188 Resp: 191927
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 10.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.054 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:248 Resp: 8044
Ion Ratio Lower Upper
248 100
250 200.0 77.4 116.2#
141 505.2 63.7 95.5#

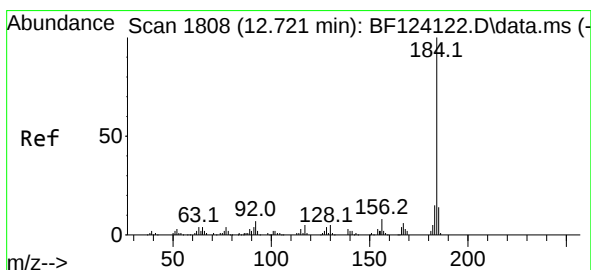
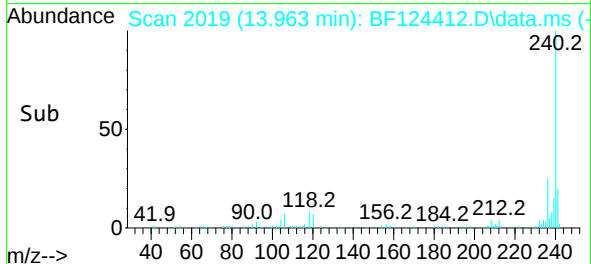
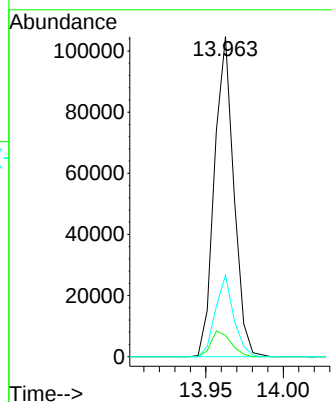
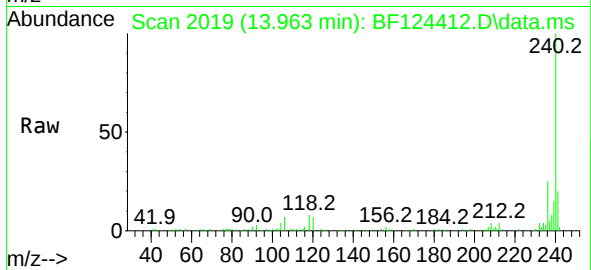




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

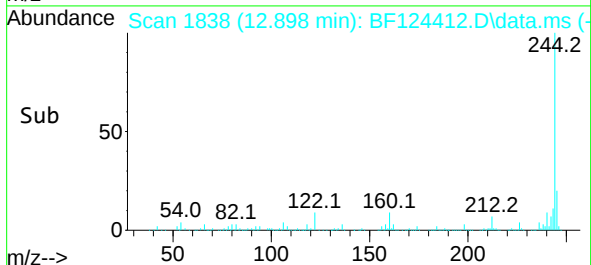
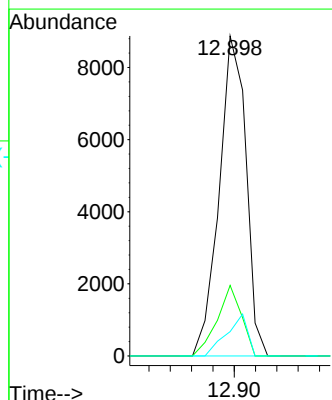
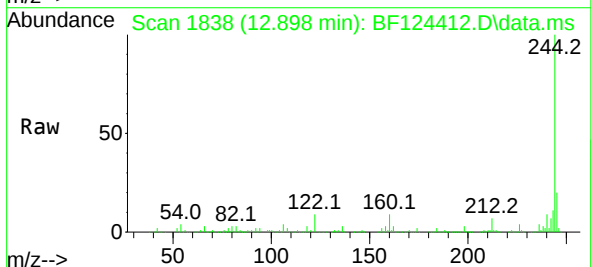
Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

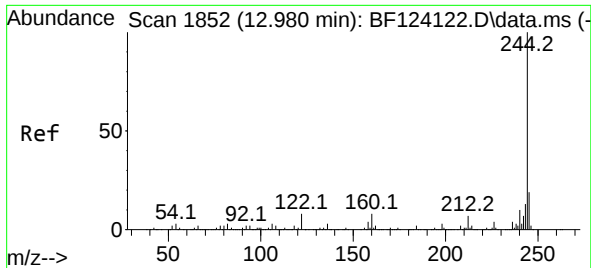
Tgt Ion:240 Resp: 90959
Ion Ratio Lower Upper
240 100
120 6.7 7.2 10.8#
236 25.5 19.0 28.4



#77
Benzidine
Concen: 7.409 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:184 Resp: 7753
Ion Ratio Lower Upper
184 100
185 22.0 12.1 18.1#
183 7.6 7.8 11.8#

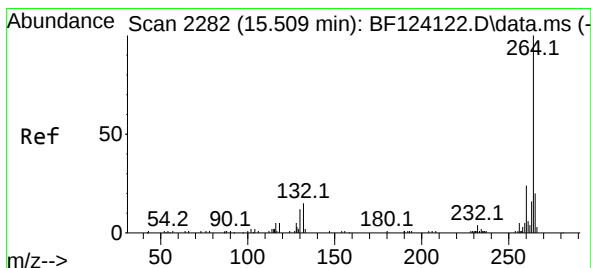
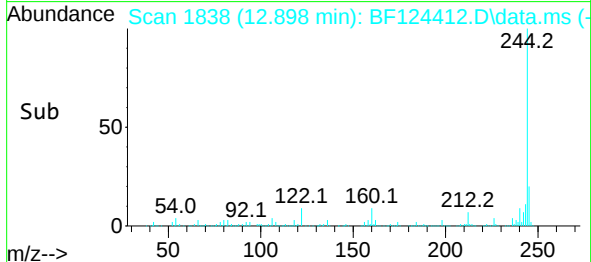
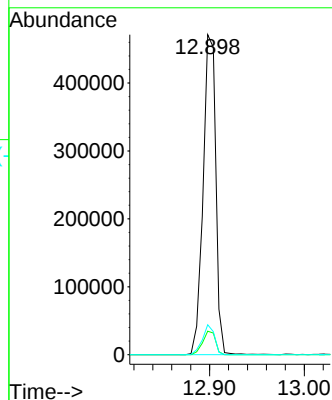
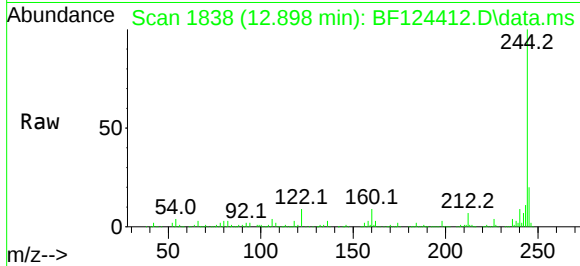




#79
Terphenyl-d14
Concen: 66.515 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

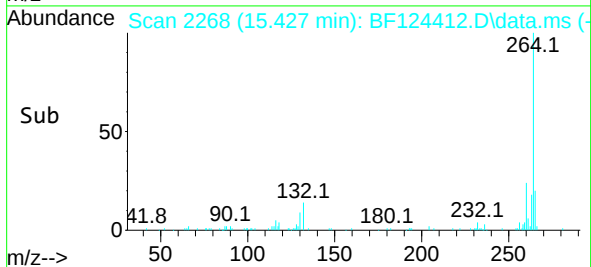
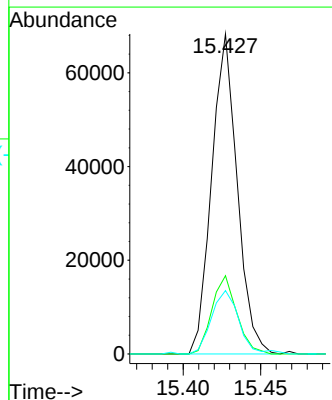
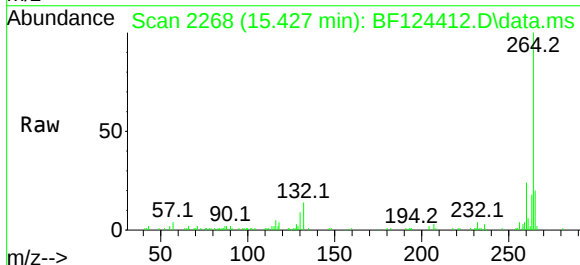
Instrument :
BNA_F
ClientSampleId :
SB-9-AOC-2

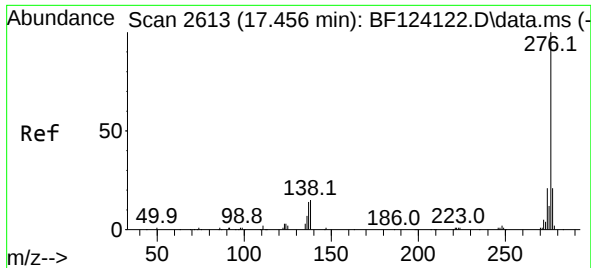
Tgt Ion:244 Resp: 440665
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.4 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124412.D
Acq: 22 Jun 2021 15:10

Tgt Ion:264 Resp: 78134
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 19.8 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.830 ng
 RT: 17.368 min Scan# 2598
 Delta R.T. 0.053 min
 Lab File: BF124412.D
 Acq: 22 Jun 2021 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-AOC-2

Tgt Ion:276 Resp: 136
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

