

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124402.D
 Acq On : 21 Jun 2021 20:02
 Operator : JU/CG
 Sample : M2772-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Jun 22 01:33:28 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)

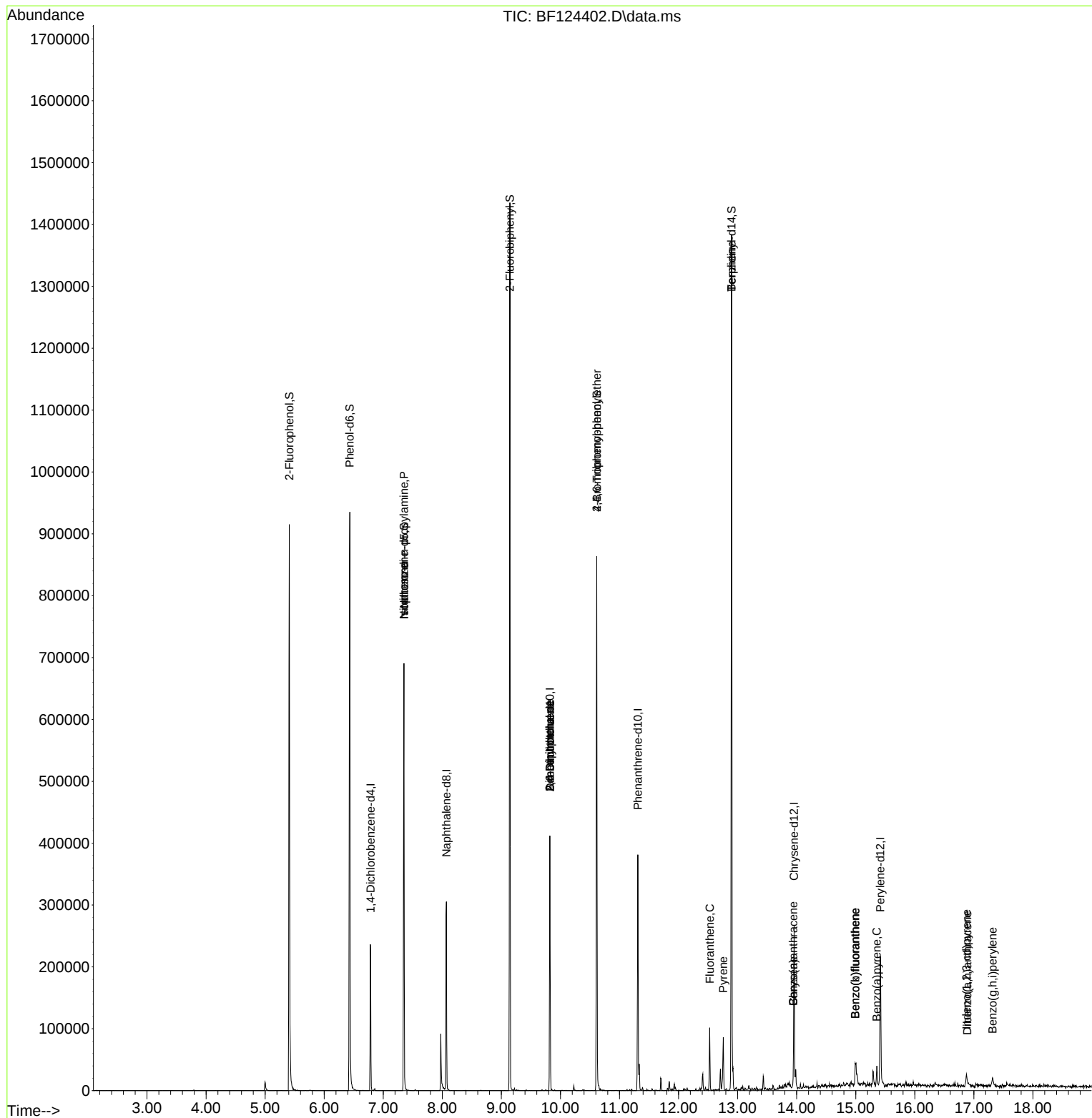
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32639	20.00	ng	# 0.00
21) Naphthalene-d8	8.069	136	124235	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69166	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	123774	20.00	ng	# 0.00
76) Chrysene-d12	13.957	240	74357	20.00	ng	0.00
86) Perylene-d12	15.415	264	84898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	205523	94.79	ng	0.00
7) Phenol-d6	6.434	99	276743	94.96	ng	-0.01
23) Nitrobenzene-d5	7.351	82	188821	60.28	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	87981	89.78	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	352091	64.06	ng	0.00
79) Terphenyl-d14	12.898	244	404142	74.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	27448	13.34	ng	# 64
25) Isophorone	7.351	82	188818	33.45	ng	# 69
50) Dimethylphthalate	9.822	163	11833	2.07	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10121	7.71	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	10121	5.85	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	6677	3.93	ng	# 1
75) Fluoranthene	12.527	202	35486	4.37	ng	97
77) Benzidine	12.898	184	6192	7.33	ng	# 87
78) Pyrene	12.757	202	30914	4.33	ng	97
81) Benzo(a)anthracene	13.945	228	13114	2.42	ng	# 89
83) Chrysene	13.945	228	13114	2.51	ng	92
87) Indeno(1,2,3-cd)pyrene	16.874	276	9892	5.61	ng	95
88) Benzo(b)fluoranthene	14.992	252	26988	4.09	ng	# 91
89) Benzo(k)fluoranthene	14.992	252	26988	4.32	ng	# 92
90) Benzo(a)pyrene	15.357	252	12911	2.25	ng	# 91
91) Dibenzo(a,h)anthracene	16.886	278	2941	4.62	ng	# 57
92) Benzo(g,h,i)perylene	17.315	276	9631	5.30	ng	# 95

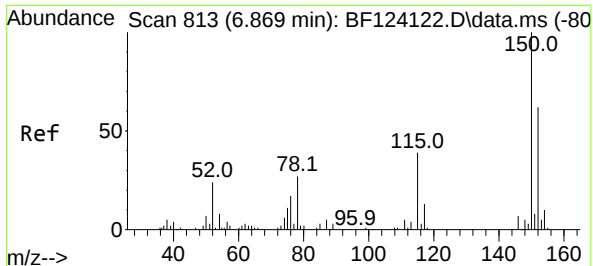
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 15 20:09:26 2021
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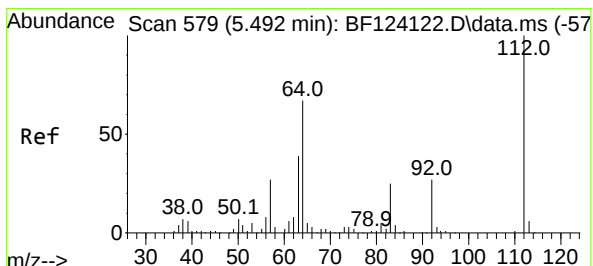
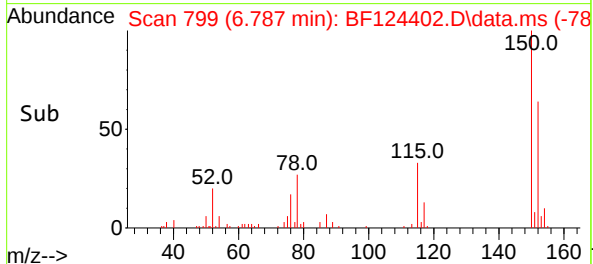
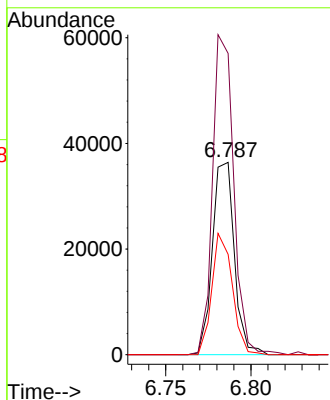
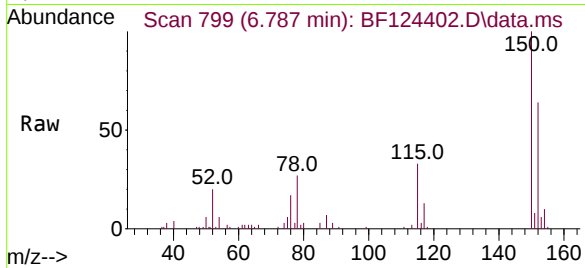




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

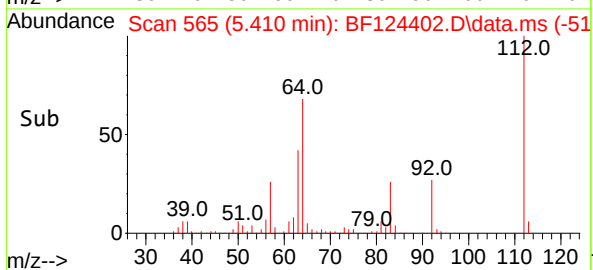
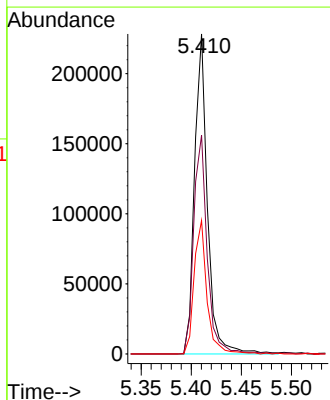
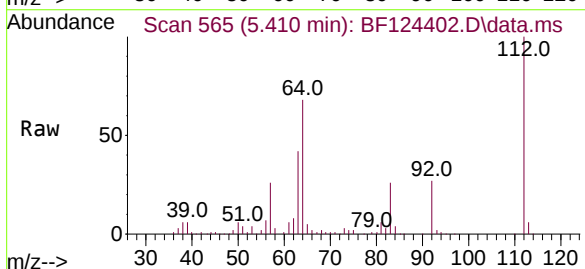
Instrument :
BNA_F
ClientSampled :
SB-2

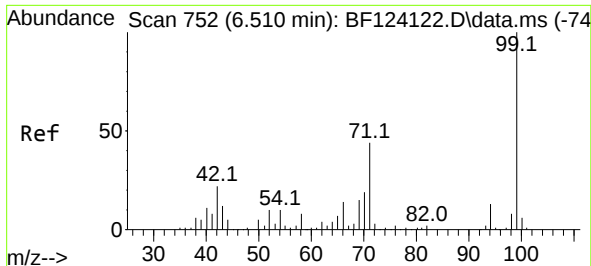
Tgt Ion:152 Resp: 32639
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 52.2 54.3 81.5#



#5
2-Fluorophenol
Concen: 94.79 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:112 Resp: 205523
Ion Ratio Lower Upper
112 100
64 68.4 61.4 92.0
63 41.7 33.0 49.4

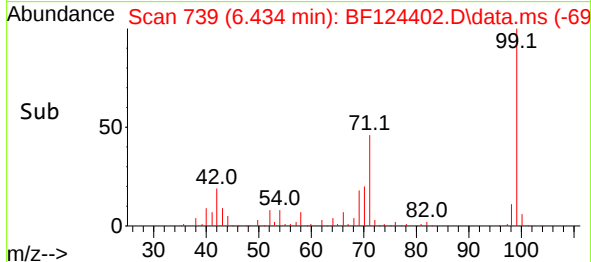
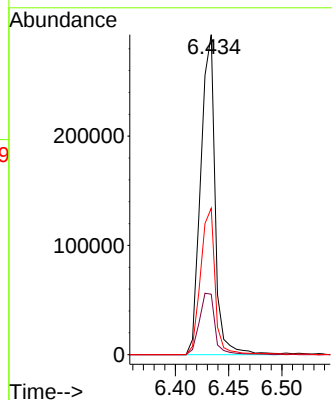
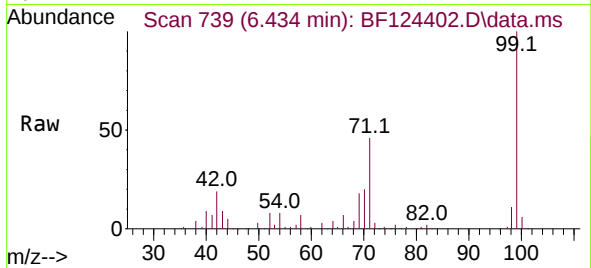




#7
Phenol-d6
Concen: 94.96 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

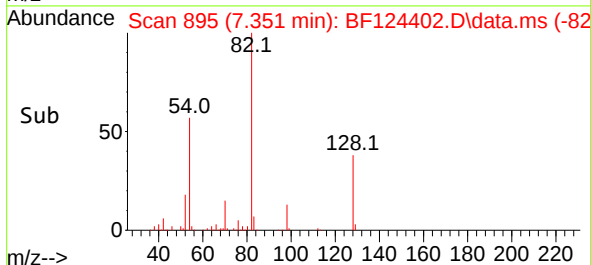
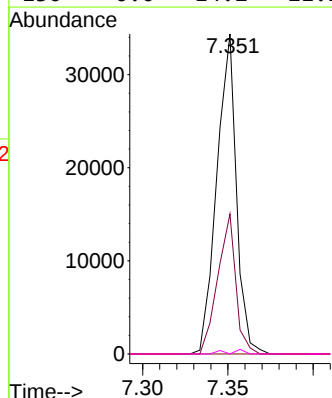
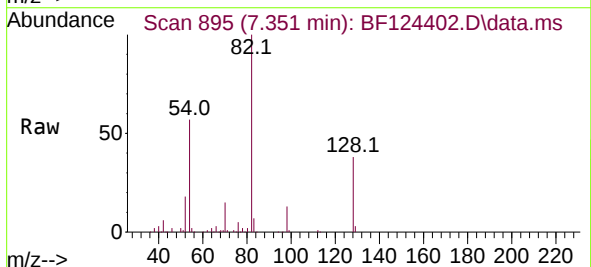
Instrument :
BNA_F
ClientSampled :
SB-2

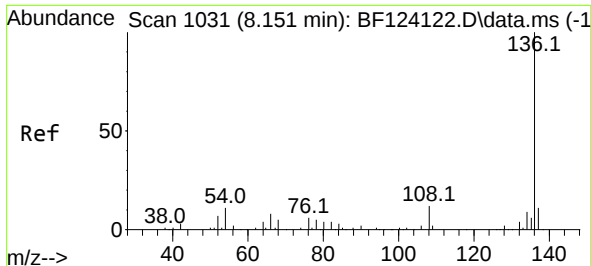
Tgt Ion: 99 Resp: 276743
Ion Ratio Lower Upper
99 100
42 18.9 19.8 29.8#
71 45.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.34 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

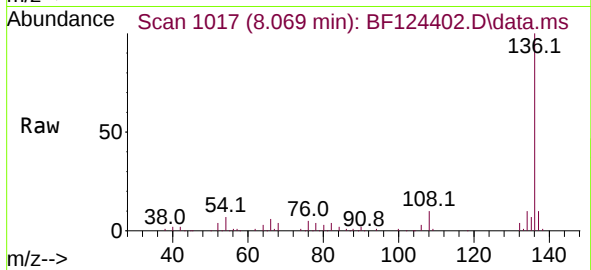
Tgt Ion: 70 Resp: 27448
Ion Ratio Lower Upper
70 100
42 43.8 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#





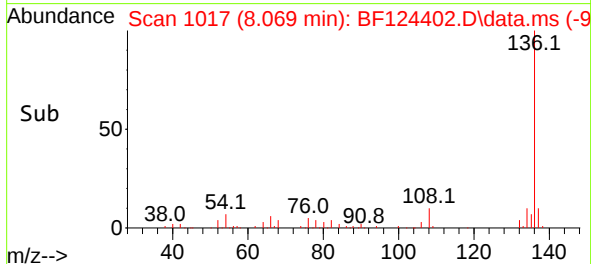
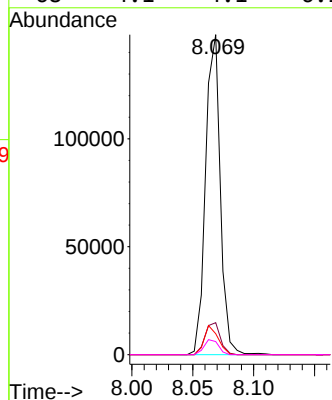
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Instrument :
BNA_F
ClientSampled :
SB-2



Tgt Ion:136 Resp: 124235

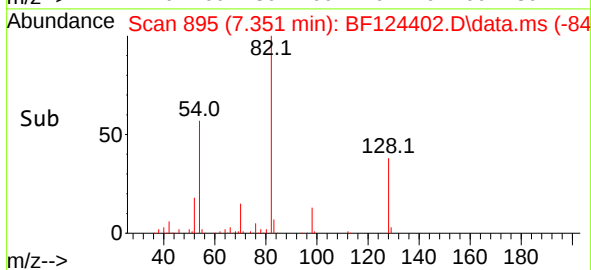
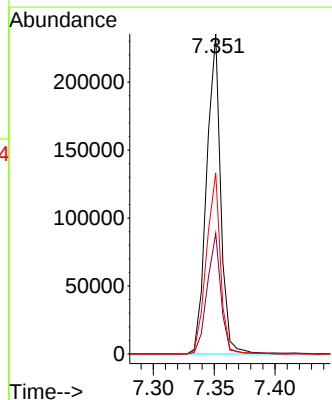
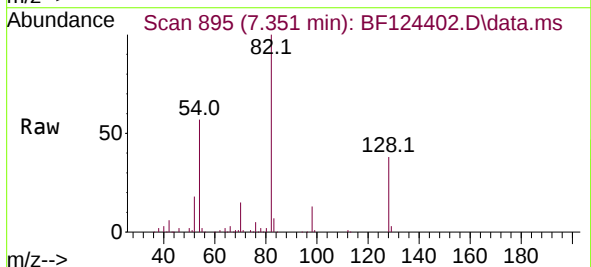
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	6.6	9.8	14.6#
68	4.1	4.1	6.1

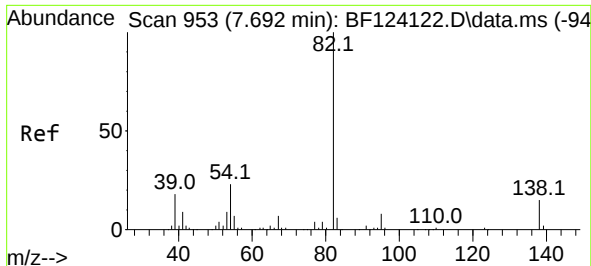


#23
Nitrobenzene-d5
Concen: 60.28 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion: 82 Resp: 188821

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	56.6	54.1	81.1

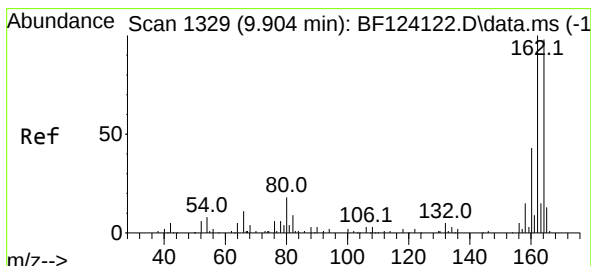
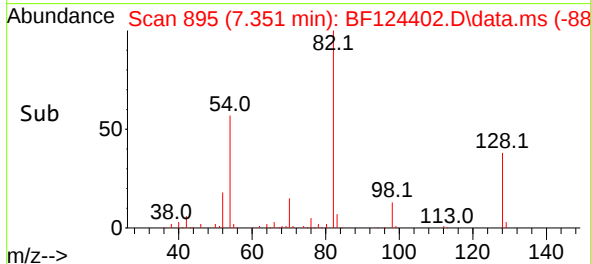
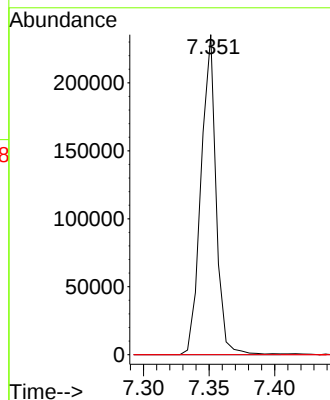
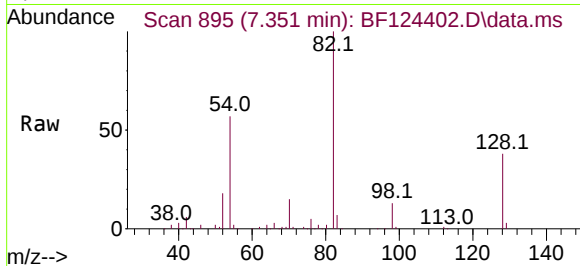




#25
Isophorone
Concen: 33.45 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

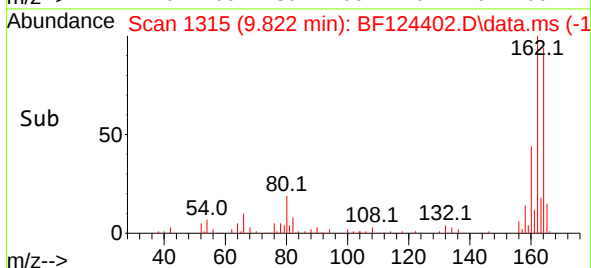
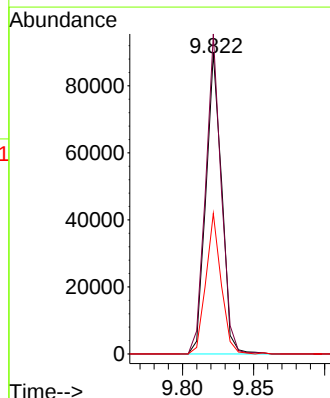
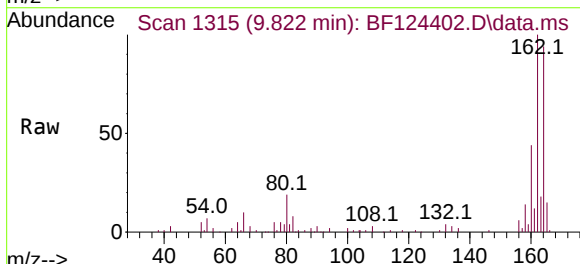
Instrument :
BNA_F
ClientSampled :
SB-2

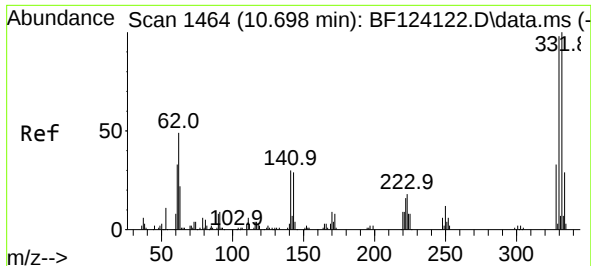
Tgt Ion: 82 Resp: 188818
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion: 164 Resp: 69166
Ion Ratio Lower Upper
164 100
162 106.4 80.7 121.1
160 46.7 37.3 55.9

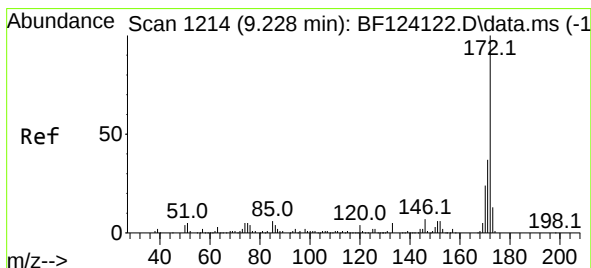
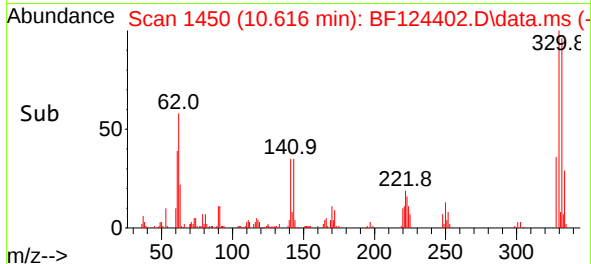
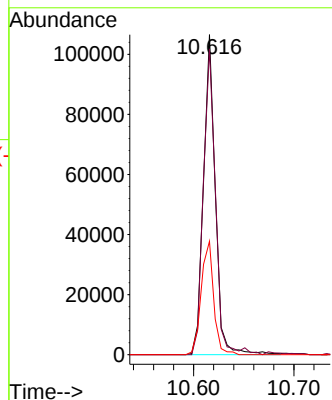
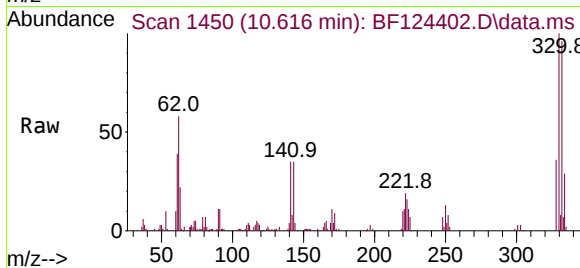




#42
2,4,6-Tribromophenol
Concen: 89.78 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

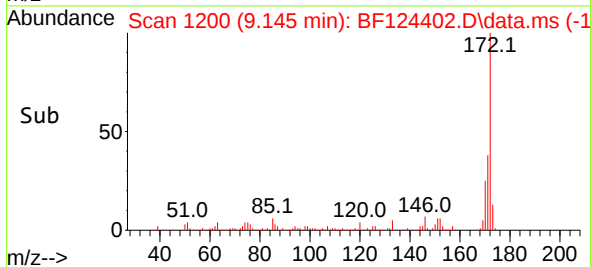
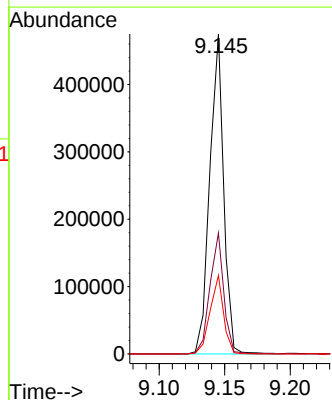
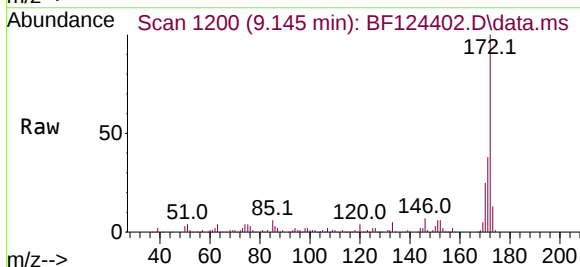
Instrument :
BNA_F
ClientSampled :
SB-2

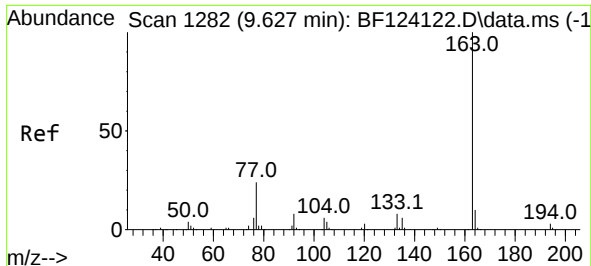
Tgt Ion: 330 Resp: 87981
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 64.06 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion: 172 Resp: 352091
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.5 19.2 28.8

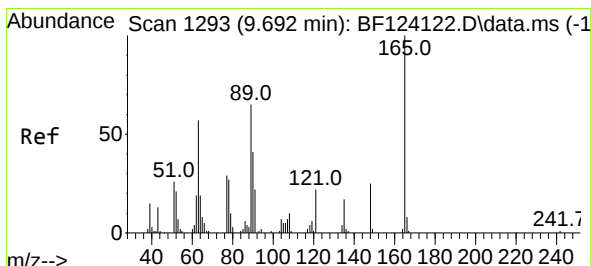
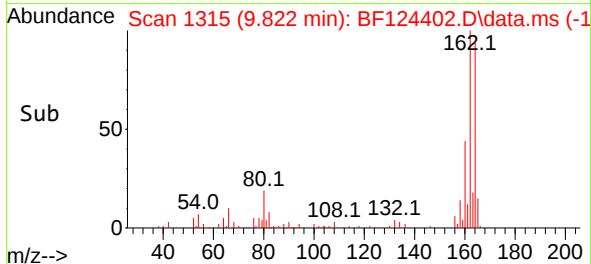
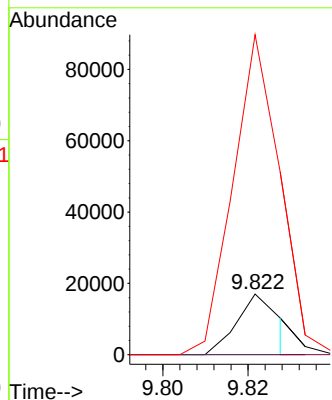
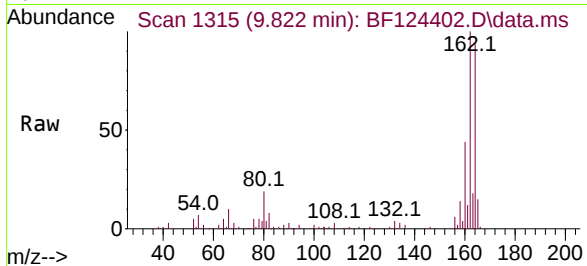




#50
Dimethylphthalate
Concen: 2.07 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

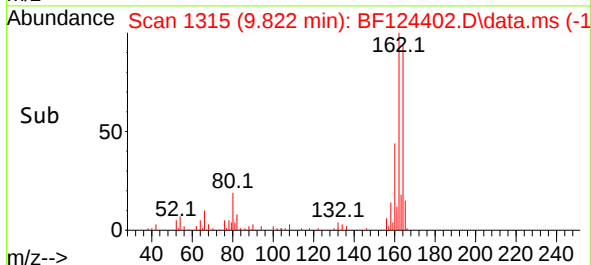
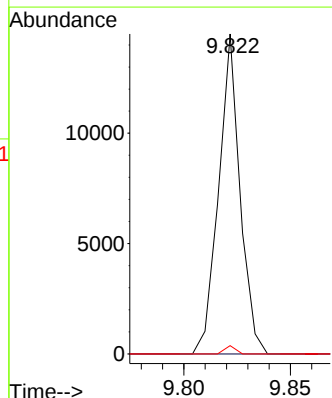
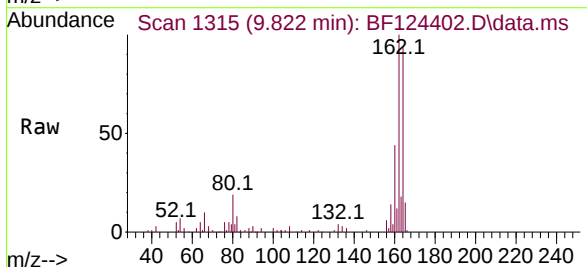
Instrument :
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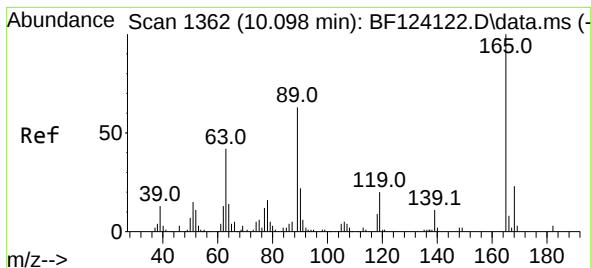
Tgt Ion:163 Resp: 11833
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 527.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

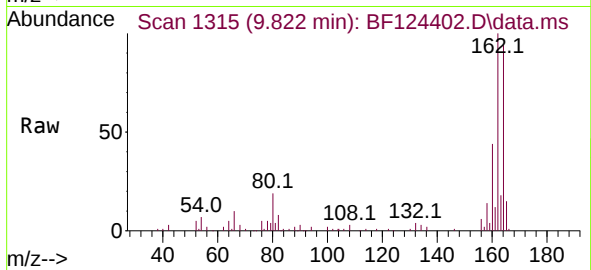
Tgt Ion:165 Resp: 10121
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.6 58.8 88.2#



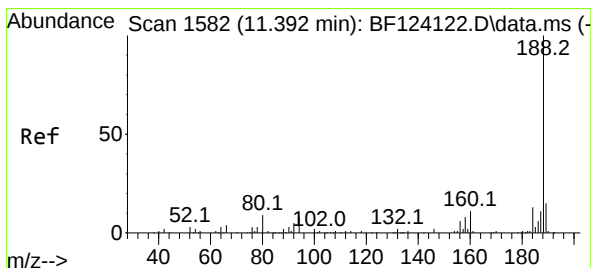
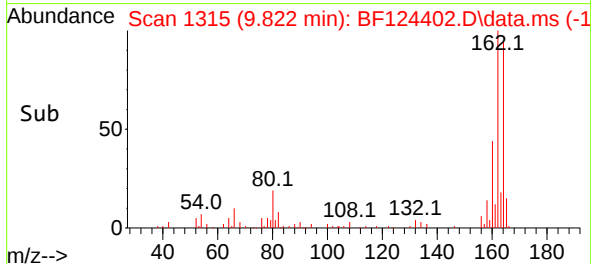
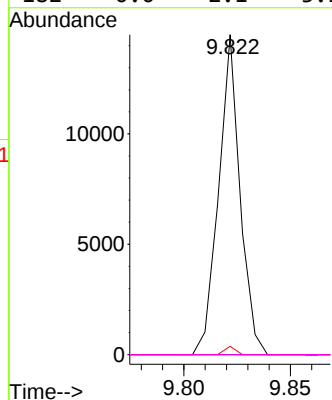


#57
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Instrument :
BNA_F
ClientSampled :
SB-2

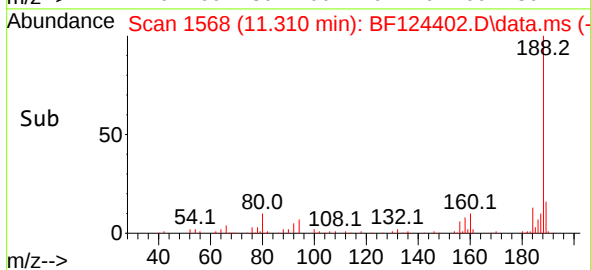
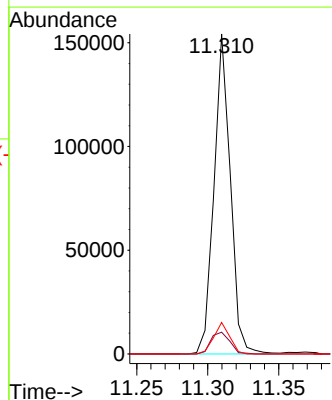
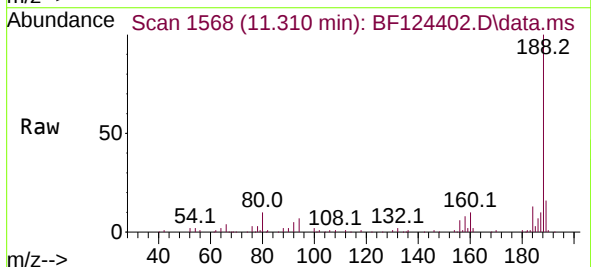


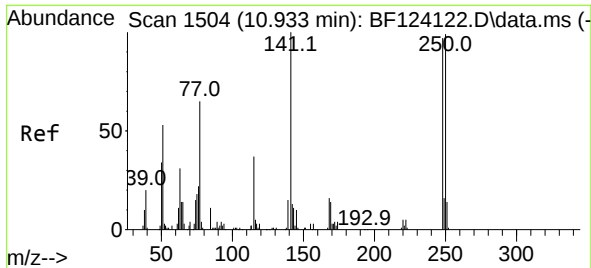
Tgt Ion:165 Resp: 10121
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:188 Resp: 123774
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 9.9 8.2 12.2

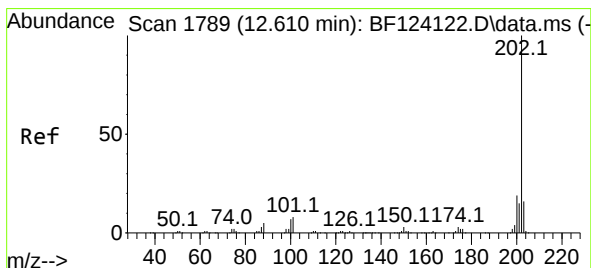
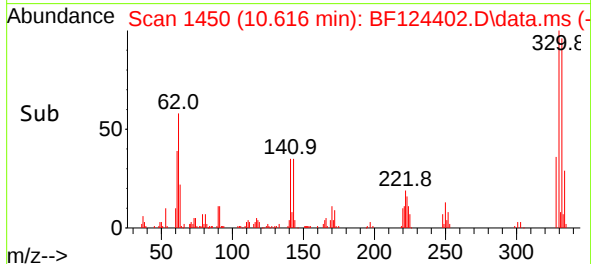
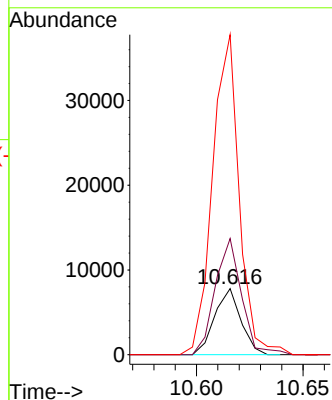
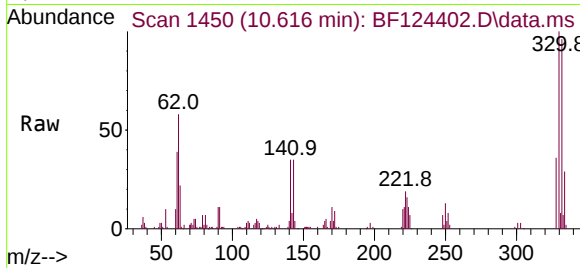




#67
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

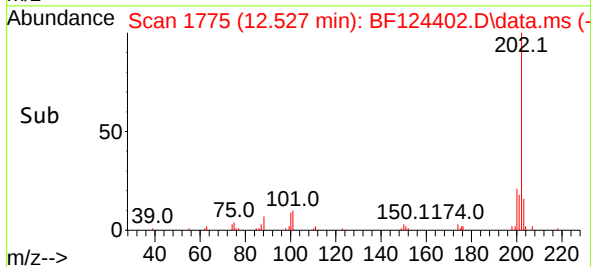
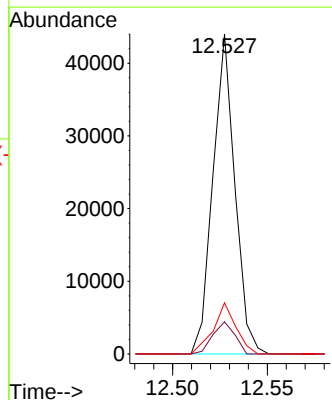
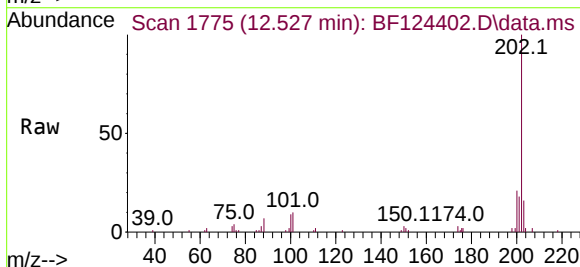
Instrument :
BNA_F
ClientSampled :
SB-2

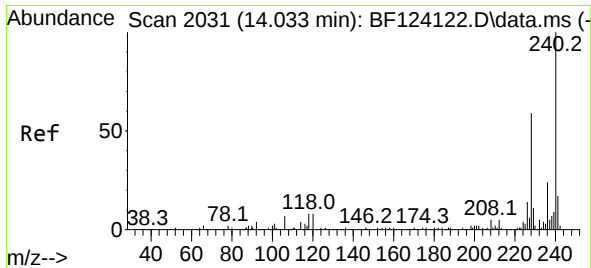
Tgt Ion:248 Resp: 6677
Ion Ratio Lower Upper
248 100
250 175.6 77.4 116.2#
141 484.0 63.7 95.5#



#75
Fluoranthene
Concen: 4.37 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:202 Resp: 35486
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.9
203 16.0 0.0 37.5

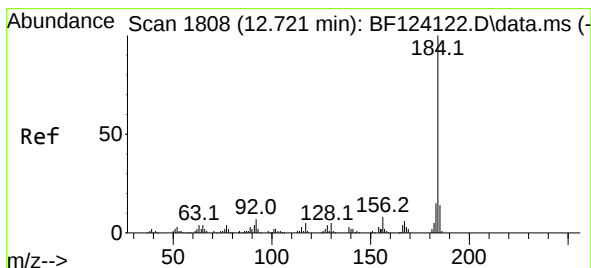
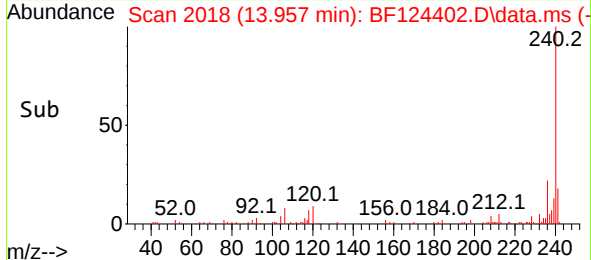
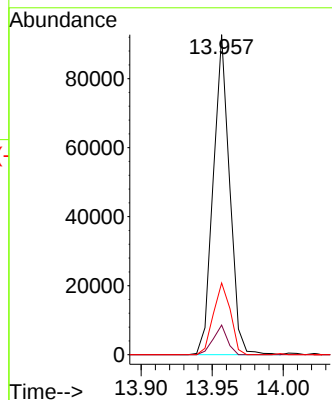
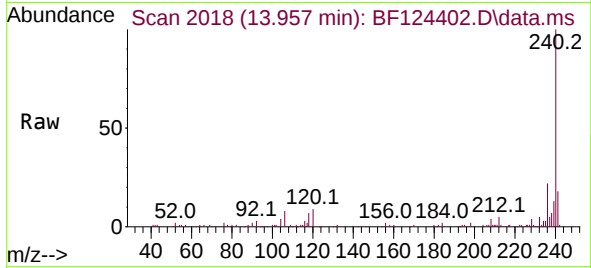




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

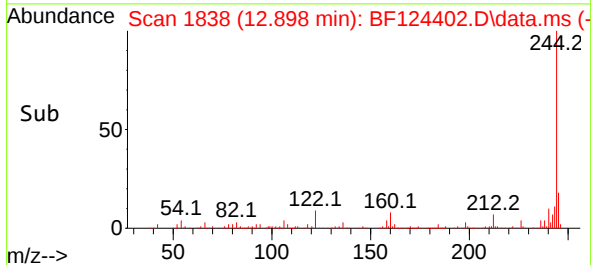
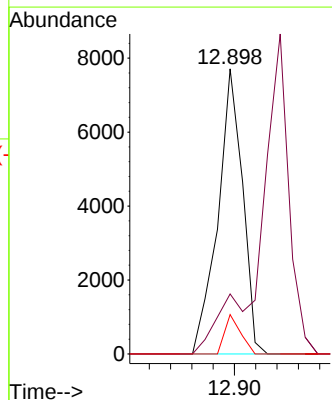
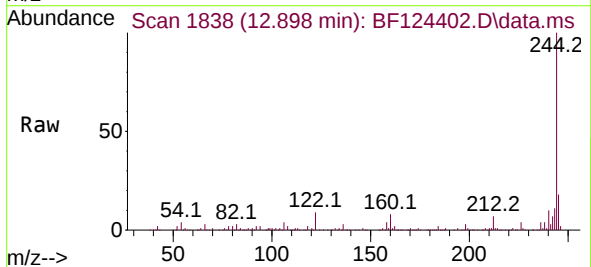
Instrument :
BNA_F
ClientSampled :
SB-2

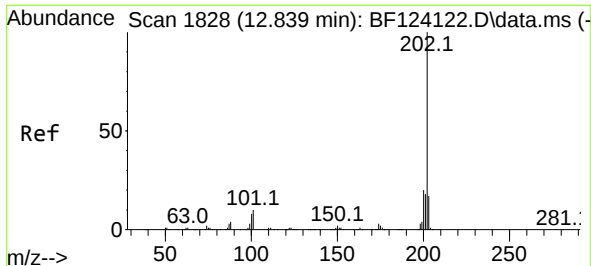
Tgt Ion:240 Resp: 74357
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 22.4 19.0 28.4



#77
Benzidine
Concen: 7.33 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:184 Resp: 6192
Ion Ratio Lower Upper
184 100
185 21.0 12.1 18.1#
183 13.8 7.8 11.8#

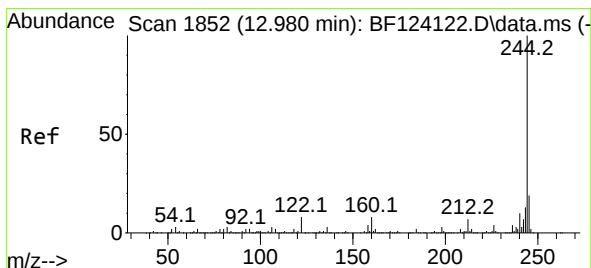
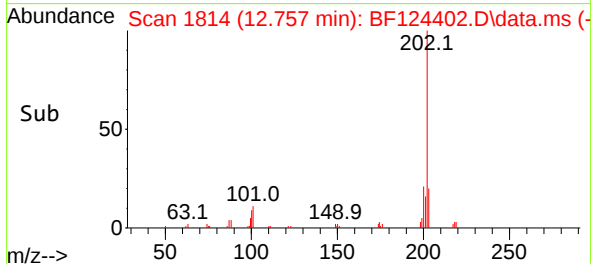
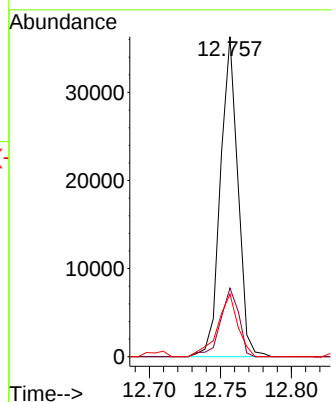
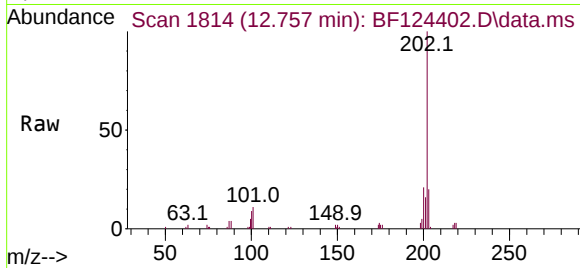




#78
 Pyrene
 Concen: 4.33 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF124402.D
 Acq: 21 Jun 2021 20:02

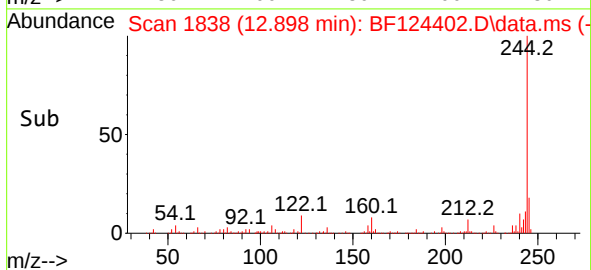
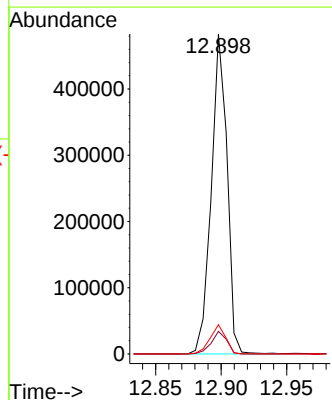
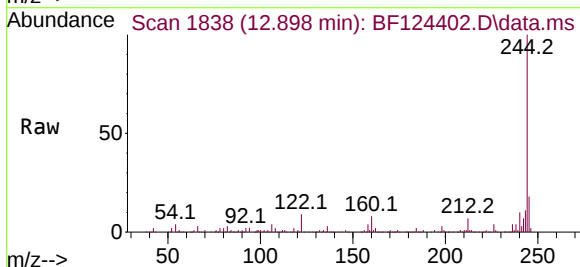
Instrument :
 BNA_F
 ClientSampled :
 SB-2

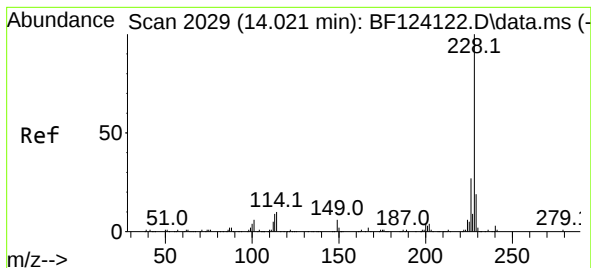
Tgt Ion:202 Resp: 30914
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.1 24.1
 203 19.6 14.8 22.2



#79
 Terphenyl-d14
 Concen: 74.62 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124402.D
 Acq: 21 Jun 2021 20:02

Tgt Ion:244 Resp: 404142
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.1 9.7 14.5#

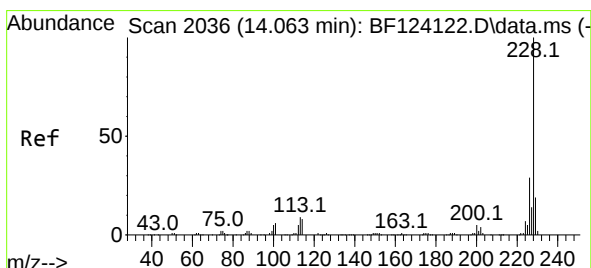
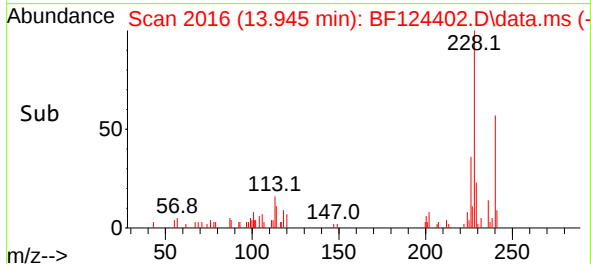
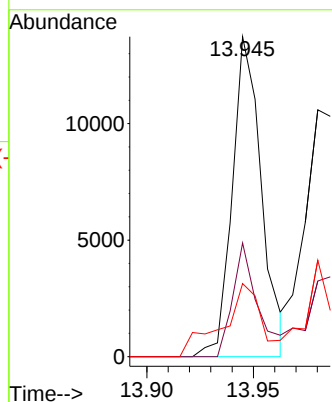
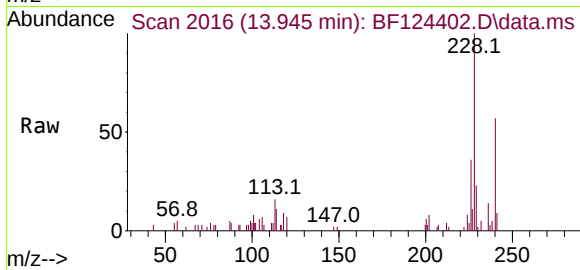




#81
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

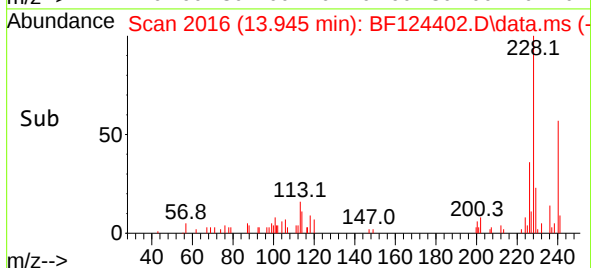
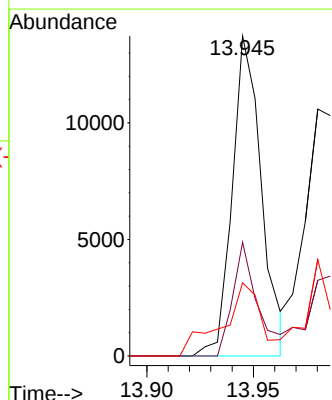
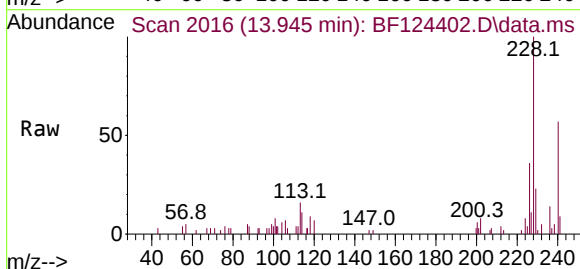
Instrument :
BNA_F
ClientSampled :
SB-2

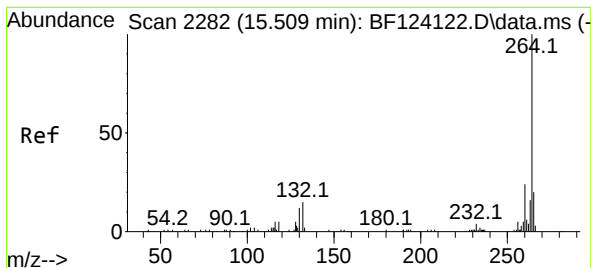
Tgt Ion:228 Resp: 13114
Ion Ratio Lower Upper
228 100
226 35.5 22.4 33.6#
229 22.9 16.0 24.0



#83
Chrysene
Concen: 2.51 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.047 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:228 Resp: 13114
Ion Ratio Lower Upper
228 100
226 35.5 24.3 36.5
229 22.9 16.2 24.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF124402.D

Acq: 21 Jun 2021 20:02

Tgt Ion:264 Resp: 84898

Ion Ratio Lower Upper

264 100

260 21.0 18.7 28.1

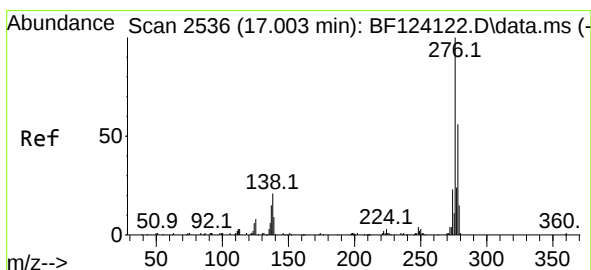
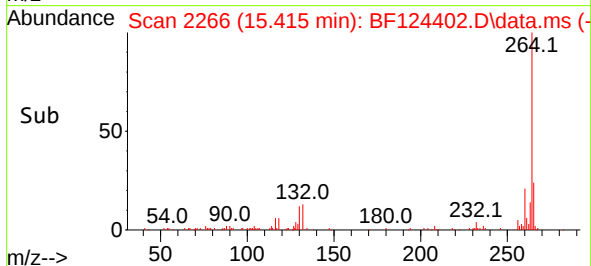
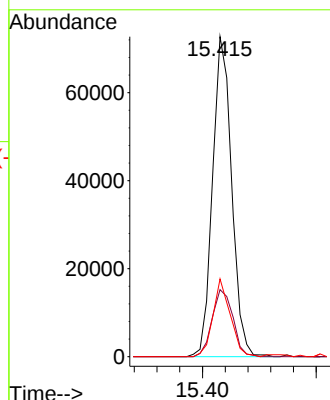
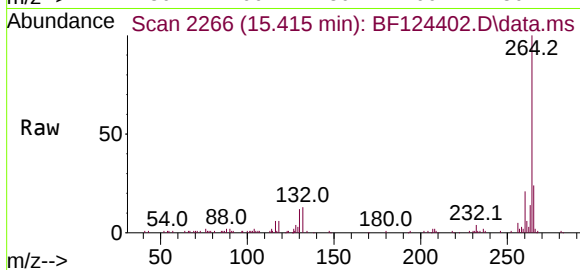
265 24.3 17.8 26.8

Instrument :

BNA_F

ClientSampled :

SB-2



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.61 ng

RT: 16.874 min Scan# 2514

Delta R.T. 0.000 min

Lab File: BF124402.D

Acq: 21 Jun 2021 20:02

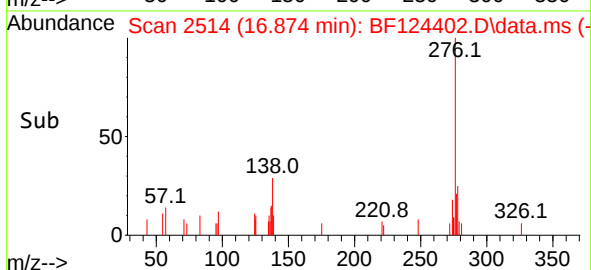
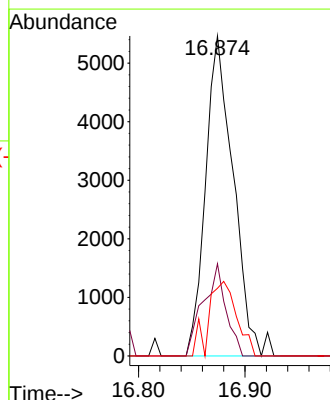
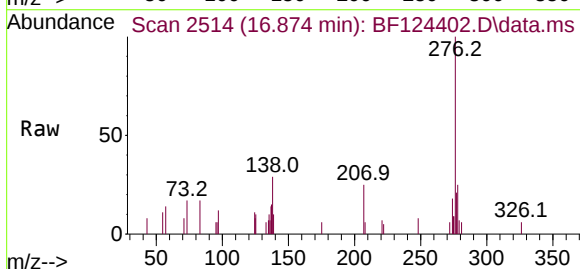
Tgt Ion:276 Resp: 9892

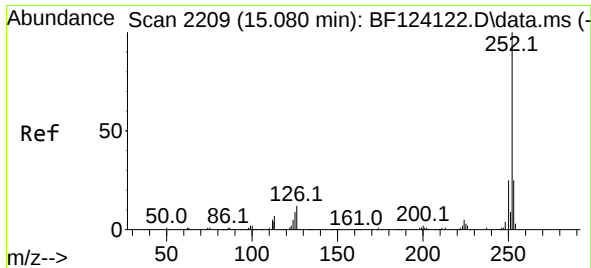
Ion Ratio Lower Upper

276 100

138 23.7 16.2 24.2

277 23.6 20.1 30.1

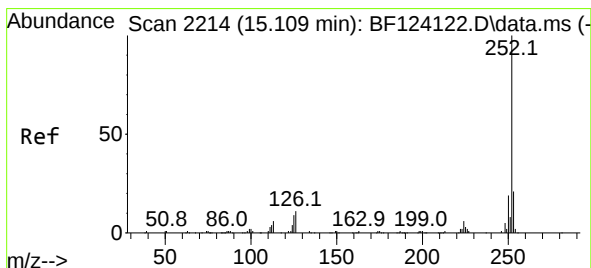
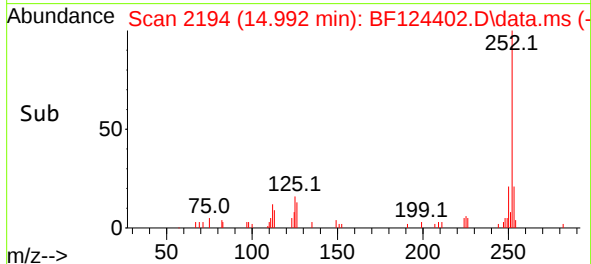
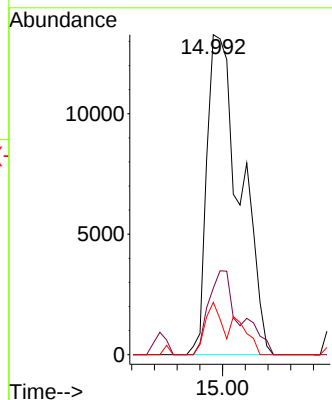
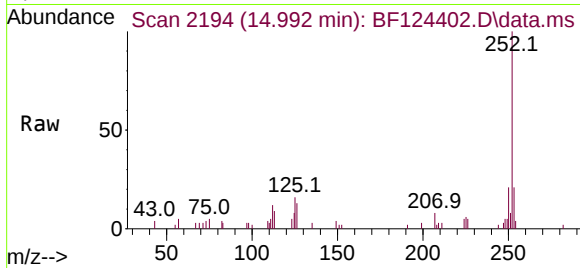




#88
Benzo(b)fluoranthene
Concen: 4.09 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

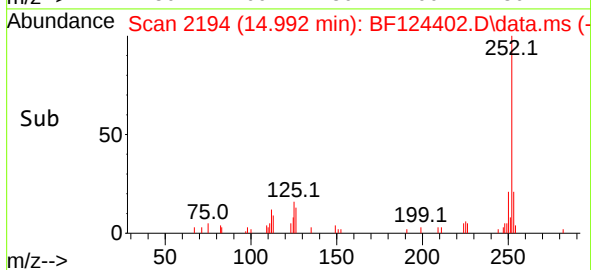
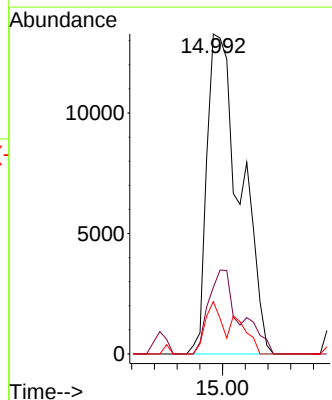
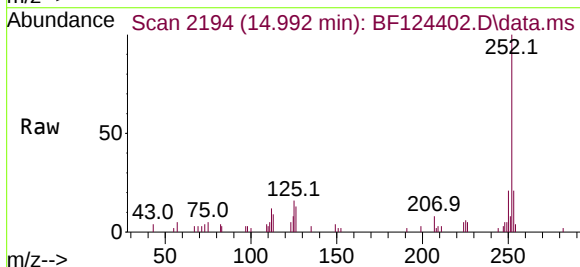
Instrument :
BNA_F
ClientSampled :
SB-2

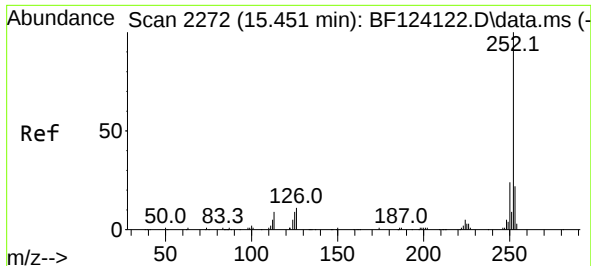
Tgt Ion:252 Resp: 26988
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 16.3 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.32 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:252 Resp: 26988
Ion Ratio Lower Upper
252 100
253 20.8 17.9 26.9
125 16.3 7.0 10.6#

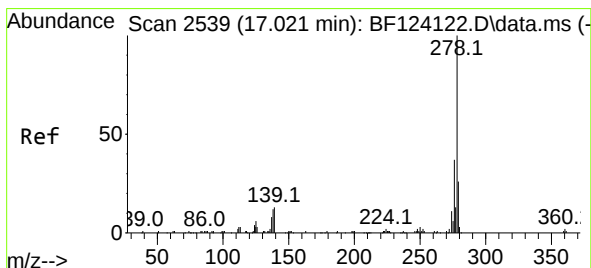
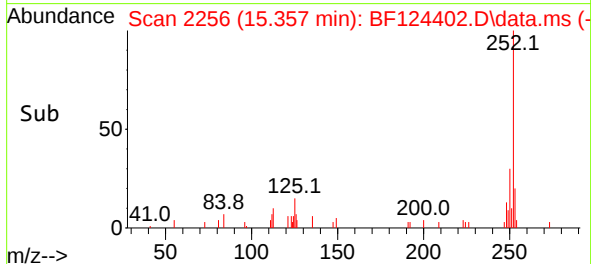
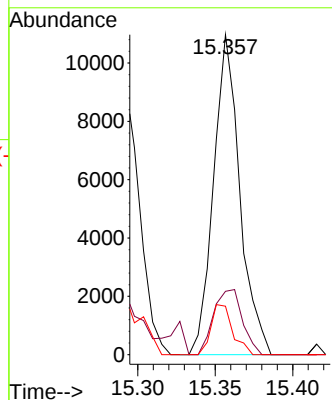
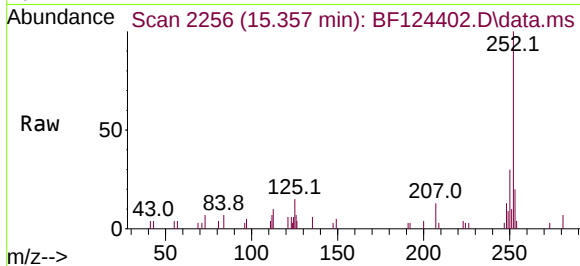




#90
Benzo(a)pyrene
Concen: 2.25 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

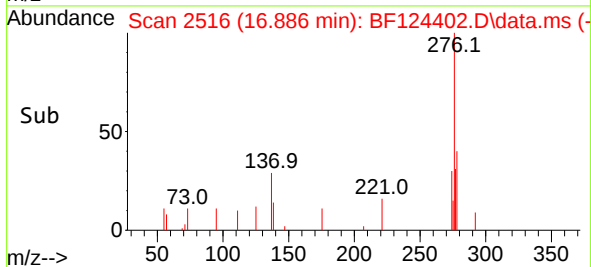
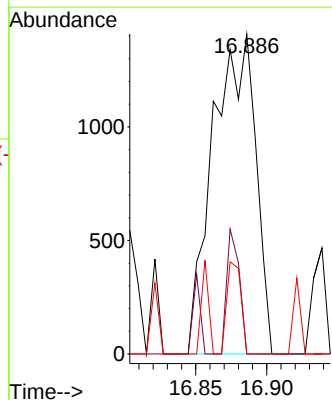
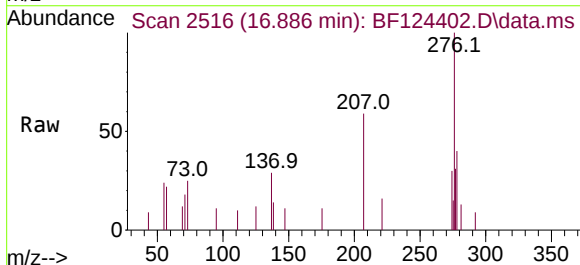
Instrument :
BNA_F
ClientSampled :
SB-2

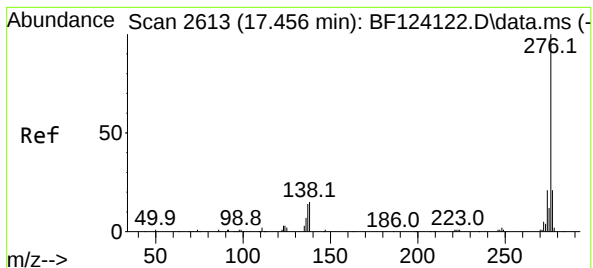
Tgt Ion:252 Resp: 12911
Ion Ratio Lower Upper
252 100
253 19.8 18.4 27.6
125 15.1 8.0 12.0#



#91
Dibenzo(a,h)anthracene
Concen: 4.62 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

Tgt Ion:278 Resp: 2941
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: 5.30 ng

RT: 17.315 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BF124402.D

Acq: 21 Jun 2021 20:02

Tgt Ion: 276 Resp: 9631

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.2

138 21.3 13.8 20.6#

