

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124399.D
 Acq On : 21 Jun 2021 18:20
 Operator : JU/CG
 Sample : M2777-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X-2

Quant Time: Jun 22 01:32:54 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)

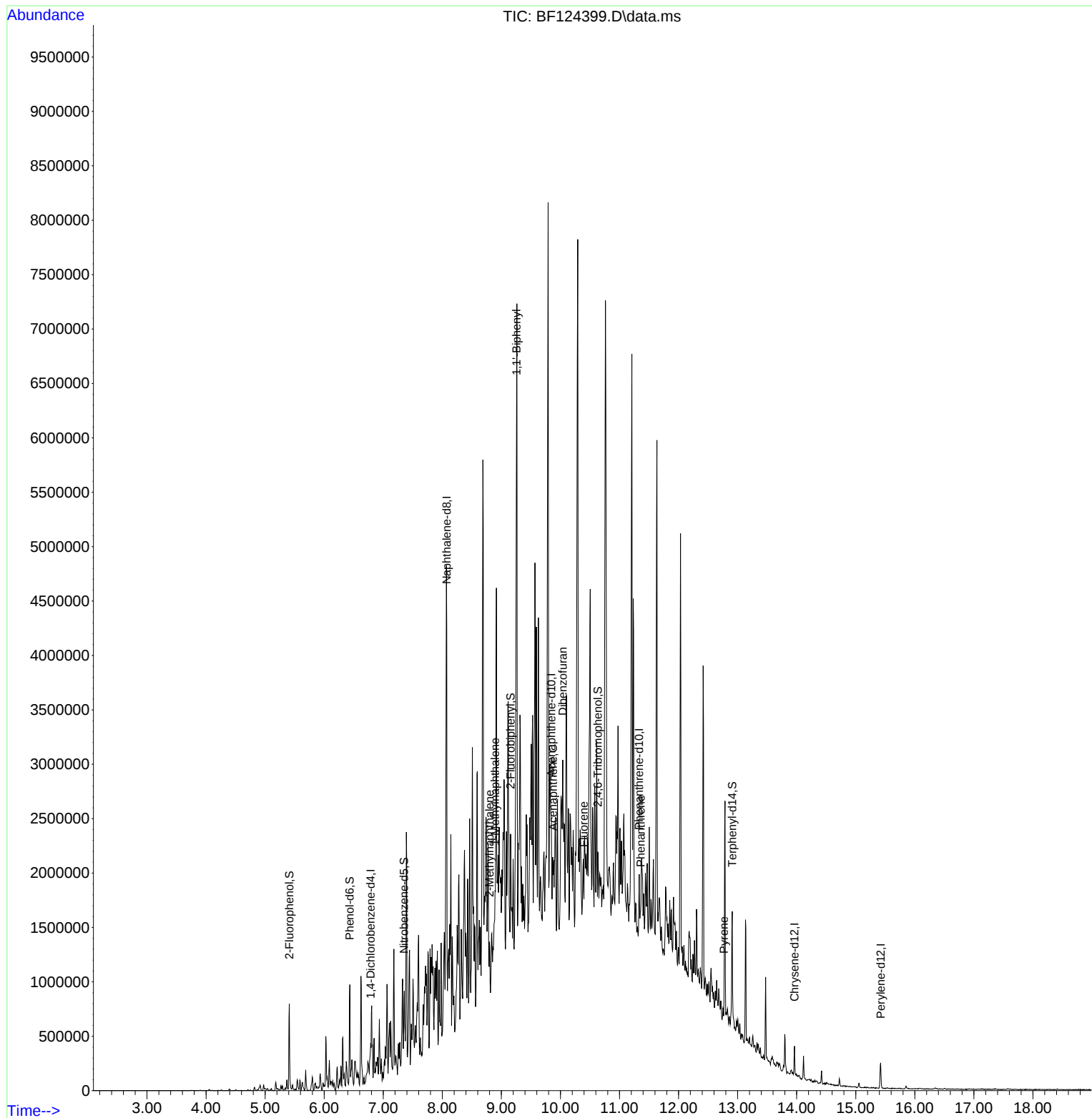
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	30188	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	103849	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	58213	20.000	ng	0.02
64) Phenanthrene-d10	11.333	188	84892	20.000	ng	# 0.02
76) Chrysene-d12	13.963	240	76763	20.000	ng	0.00
86) Perylene-d12	15.421	264	87979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	187132	93.314	ng	0.00
7) Phenol-d6	6.434	99	230305	85.439	ng	-0.01
23) Nitrobenzene-d5	7.351	82	173421	66.232	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	59971	72.715	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	271815	58.757	ng	0.00
79) Terphenyl-d14	12.910	244	270016	48.294	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.798	142	57980	13.316	ng	99
38) 1-Methylnaphthalene	8.892	142	65331	16.057	ng	93
46) 1,1'-Biphenyl	9.257	154	34610	7.043	ng	91
52) Acenaphthene	9.875	154	12513	3.295	ng	# 70
55) Dibenzofuran	10.039	168	11984	2.016	ng	# 1
58) Fluorene	10.392	166	23109	5.065	ng	# 68
71) Phenanthrene	11.357	178	21347	4.025	ng	# 62
78) Pyrene	12.769	202	24559	3.332	ng	98

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

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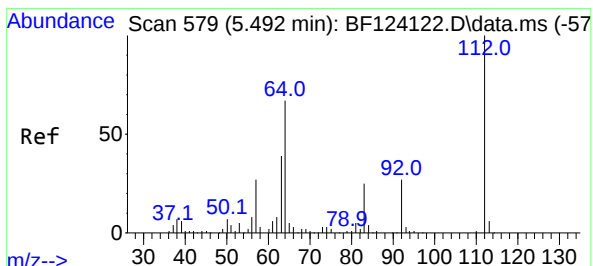
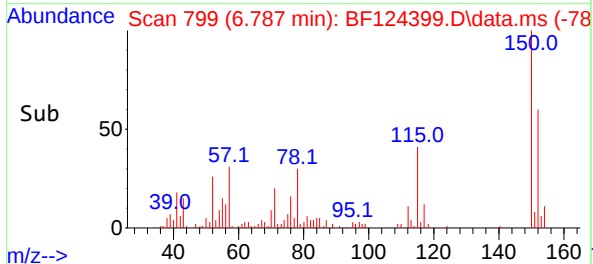
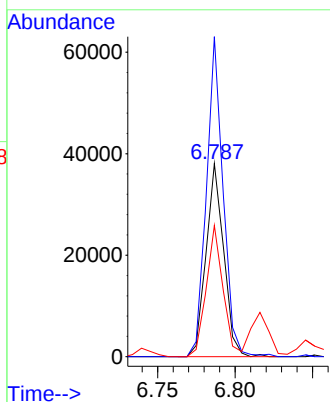
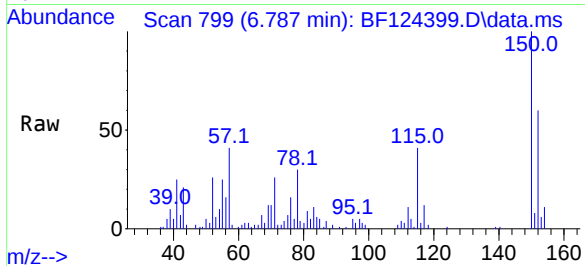




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

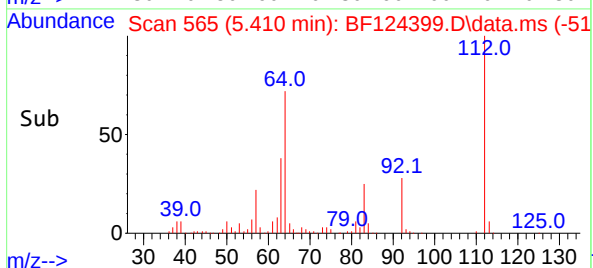
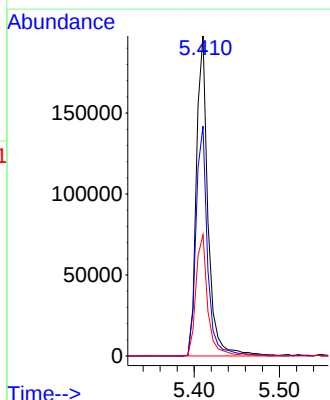
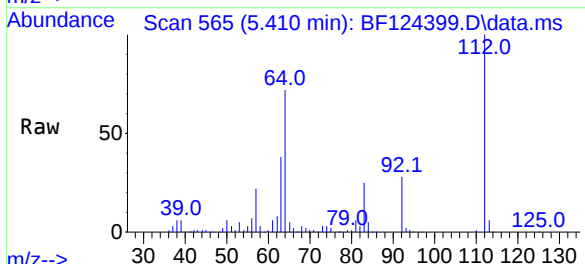
Instrument :
BNA_F
ClientSampled :
X-2

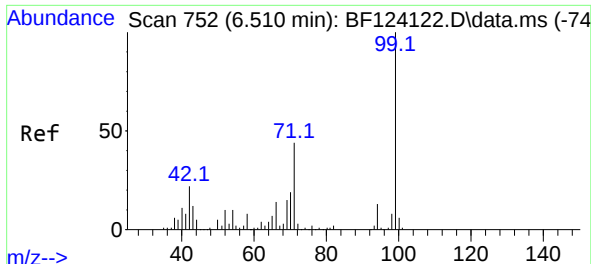
Tgt Ion:152 Resp: 30188
Ion Ratio Lower Upper
152 100
150 165.7 127.0 190.6
115 68.0 54.3 81.5



#5
2-Fluorophenol
Concen: 93.314 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:112 Resp: 187132
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 37.9 33.0 49.4

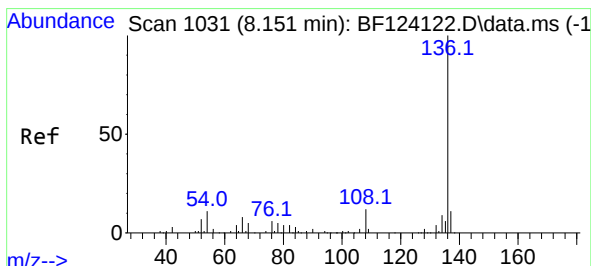
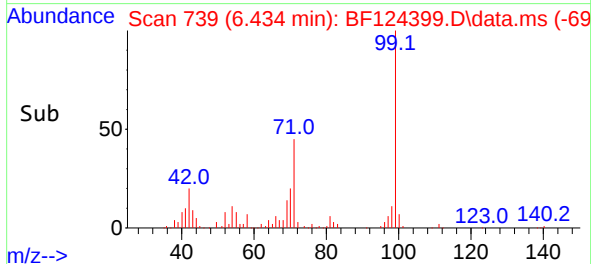
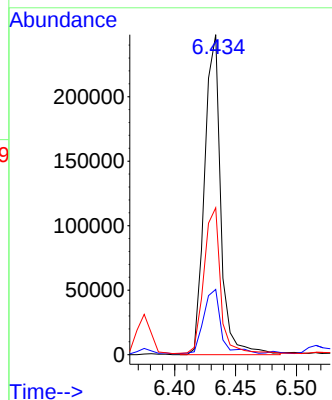
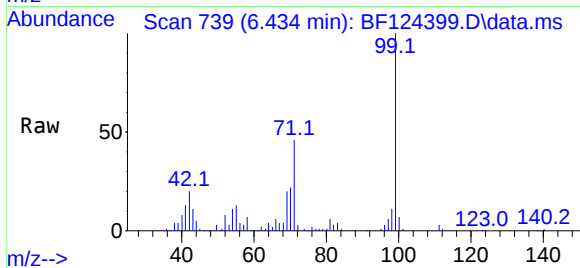




#7
Phenol-d6
Concen: 85.439 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

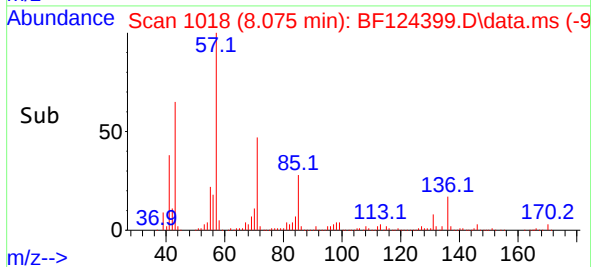
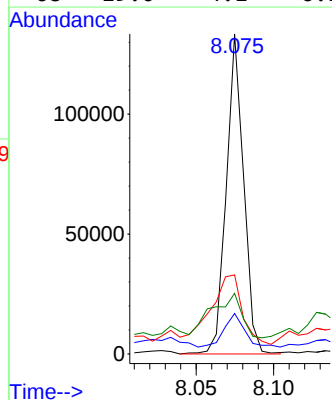
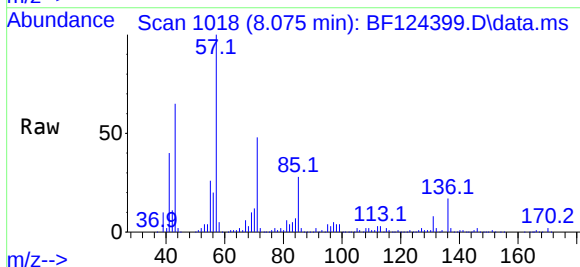
Instrument :
BNA_F
ClientSampleId :
X-2

Tgt Ion: 99 Resp: 230305
Ion Ratio Lower Upper
99 100
42 20.4 19.8 29.8
71 45.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion: 136 Resp: 103849
Ion Ratio Lower Upper
136 100
137 12.6 8.7 13.1
54 24.7 9.8 14.6#
68 19.0 4.1 6.1#

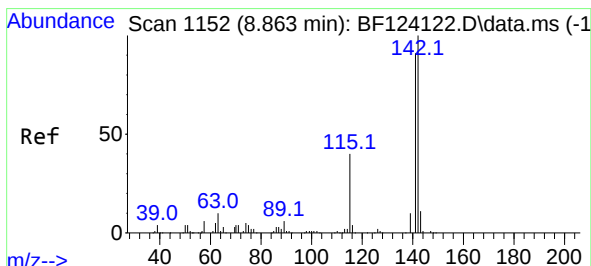
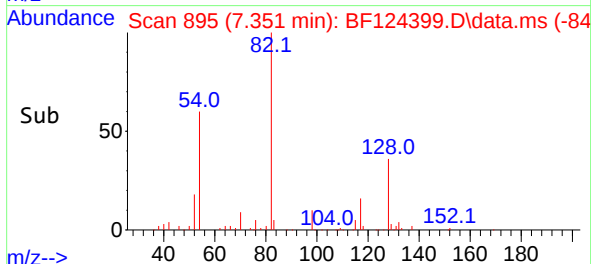
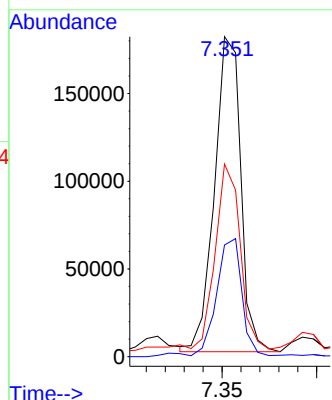
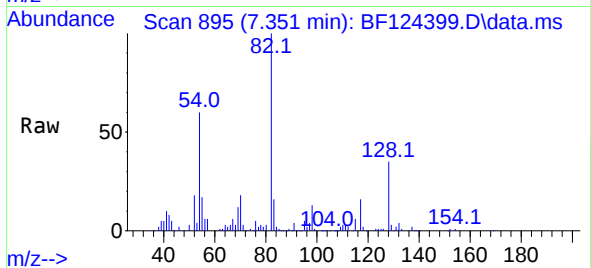




#23
Nitrobenzene-d5
Concen: 66.232 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

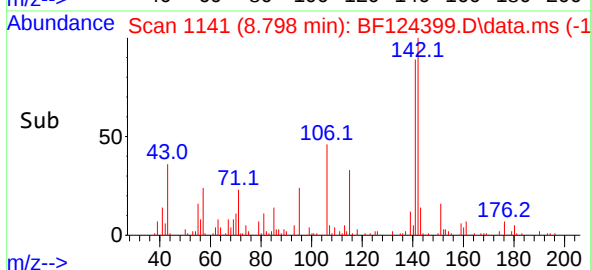
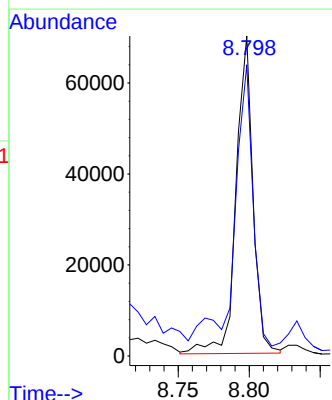
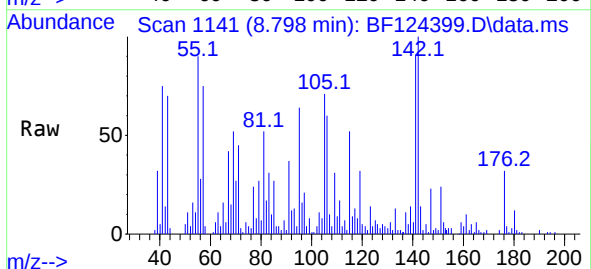
Instrument :
BNA_F
ClientSampleId :
X-2

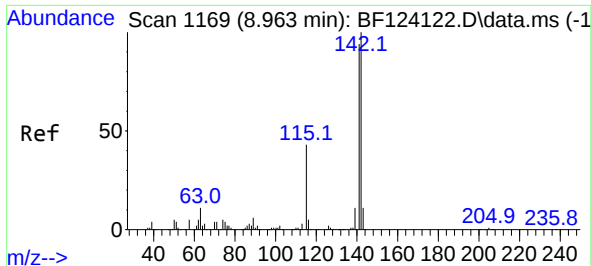
Tgt Ion: 82 Resp: 173421
Ion Ratio Lower Upper
82 100
128 34.9 29.4 44.2
54 60.2 54.1 81.1



#37
2-Methylnaphthalene
Concen: 13.316 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:142 Resp: 57980
Ion Ratio Lower Upper
142 100
141 91.0 71.8 107.6

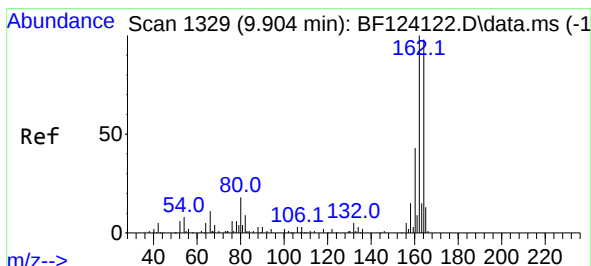
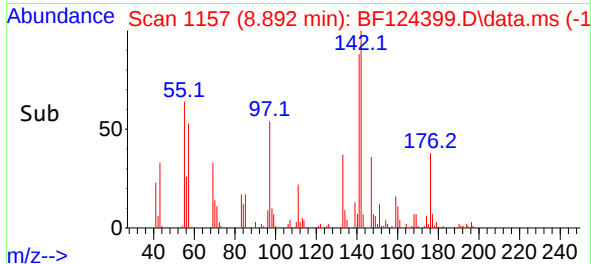
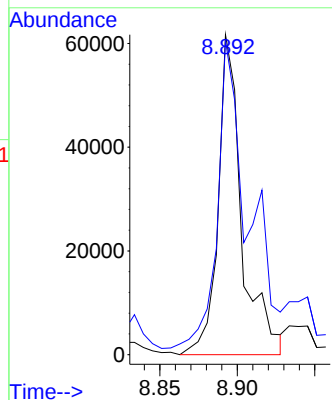
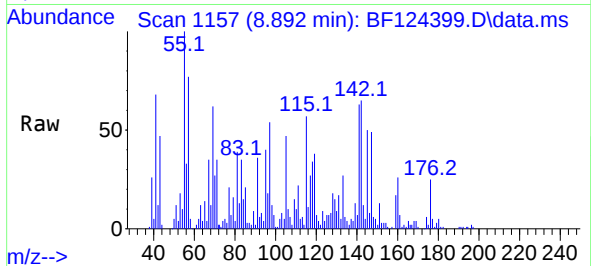




#38
1-Methylnaphthalene
Concen: 16.057 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

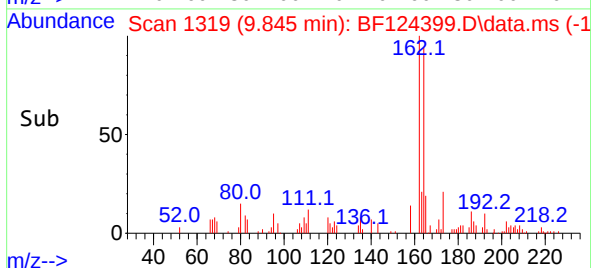
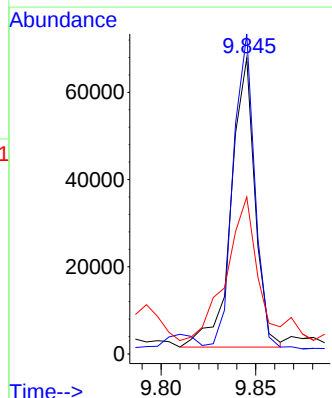
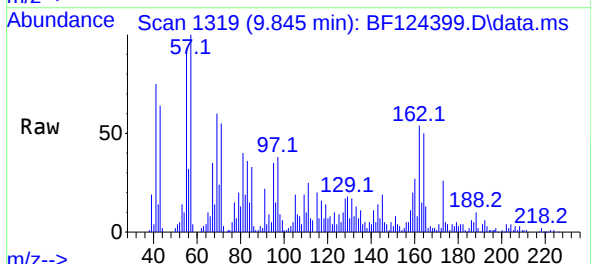
Instrument :
BNA_F
ClientSampled :
X-2

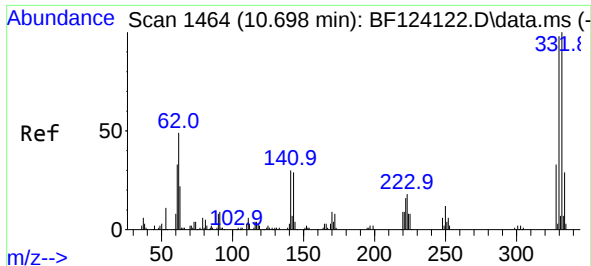
Tgt Ion:142 Resp: 65331
Ion Ratio Lower Upper
142 100
141 98.1 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.018 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

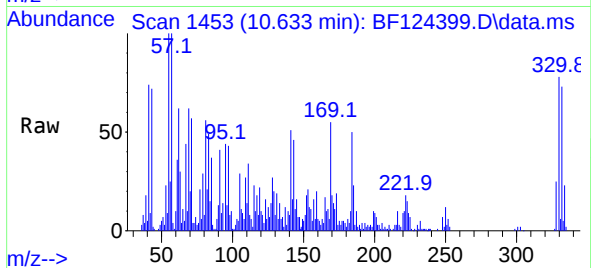
Tgt Ion:164 Resp: 58213
Ion Ratio Lower Upper
164 100
162 108.1 80.7 121.1
160 53.0 37.3 55.9



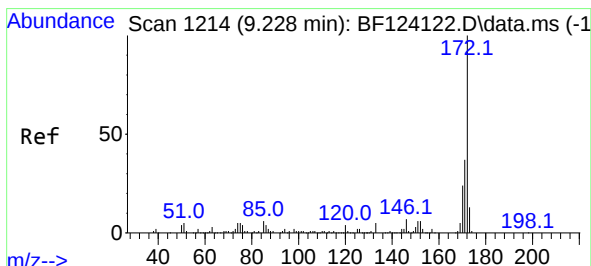
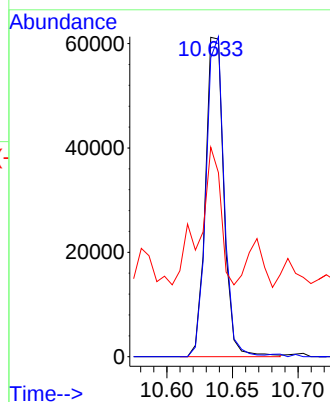
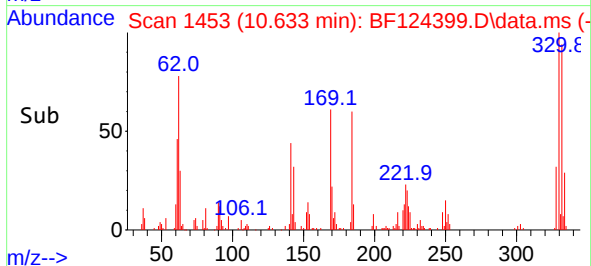


#42
2,4,6-Tribromophenol
Concen: 72.715 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

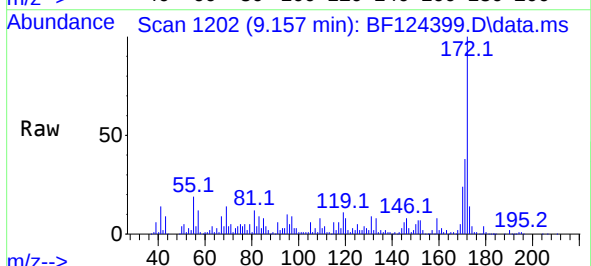
Instrument :
BNA_F
ClientSampled :
X-2



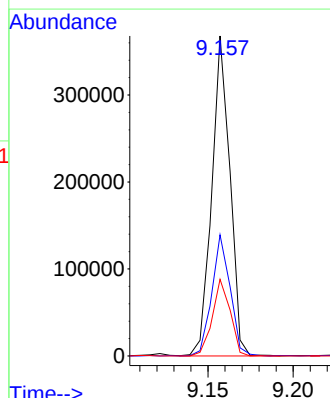
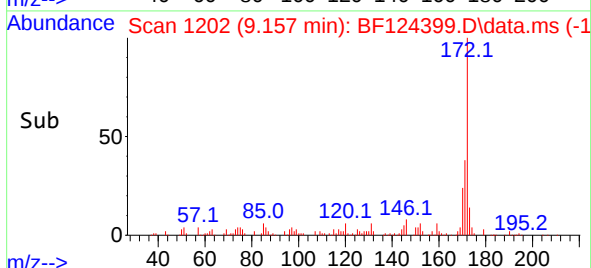
Tgt Ion: 330 Resp: 59971
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 47.9 27.9 41.9#

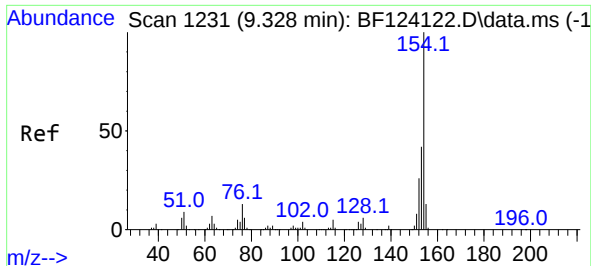


#45
2-Fluorobiphenyl
Concen: 58.757 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20



Tgt Ion: 172 Resp: 271815
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.0 19.2 28.8

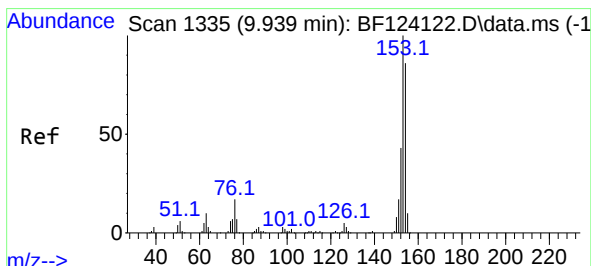
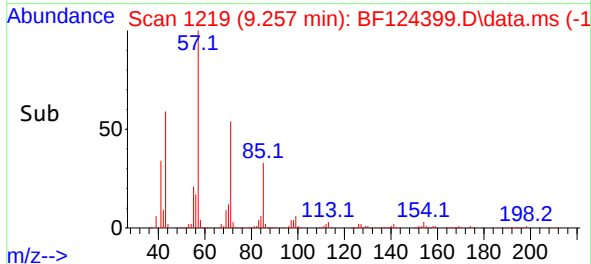
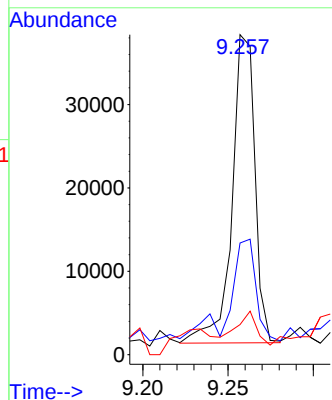
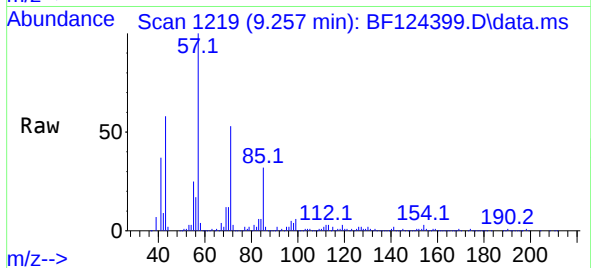




#46
1,1'-Biphenyl
Concen: 7.043 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

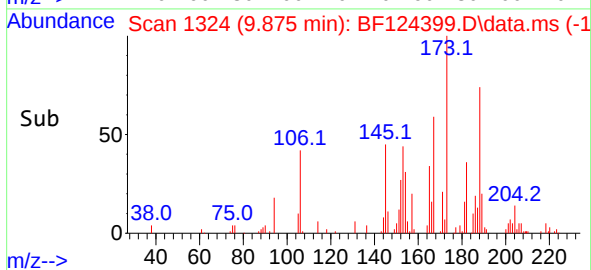
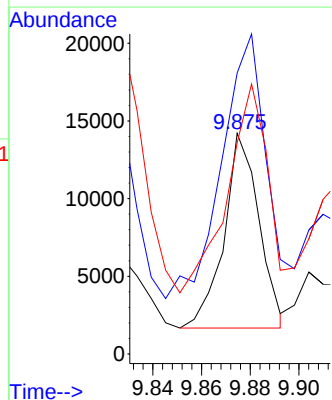
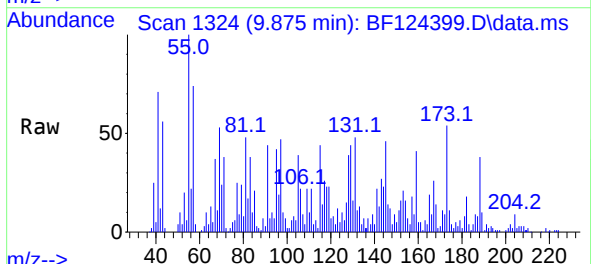
Instrument :
BNA_F
ClientSampled :
X-2

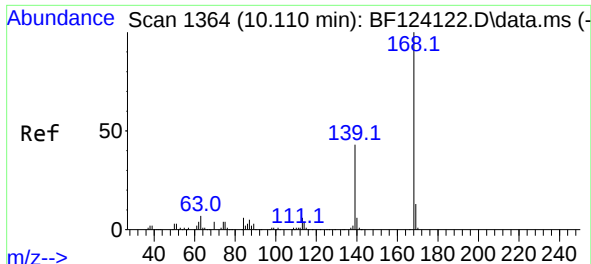
Tgt Ion:154 Resp: 34610
Ion Ratio Lower Upper
154 100
153 34.9 20.7 60.7
76 9.4 0.0 31.7



#52
Acenaphthene
Concen: 3.295 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

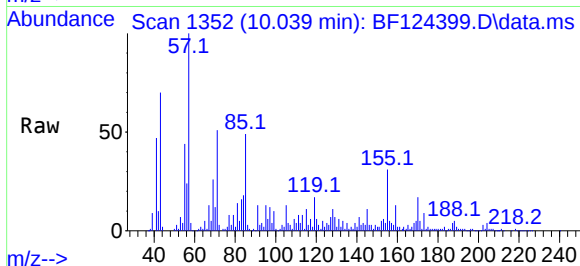
Tgt Ion:154 Resp: 12513
Ion Ratio Lower Upper
154 100
153 127.4 88.1 132.1
152 95.7 43.4 65.0#



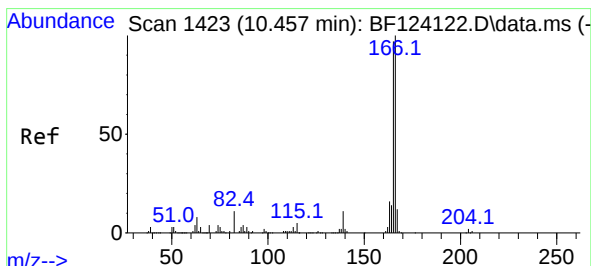
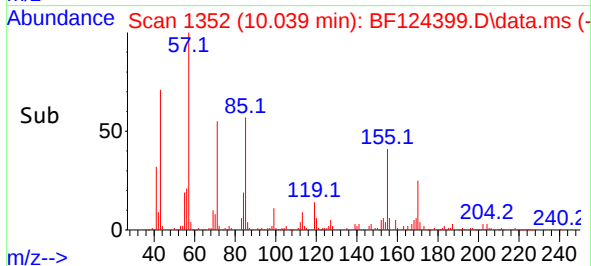
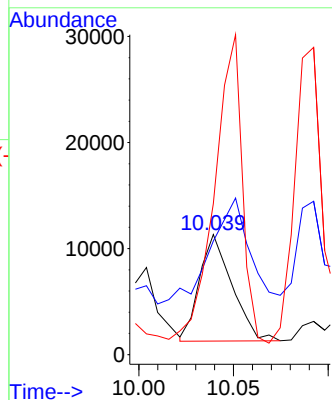


#55
Dibenzofuran
Concen: 2.016 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Instrument :
BNA_F
ClientSampled :
X-2

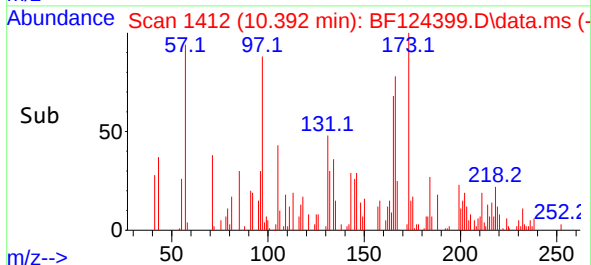
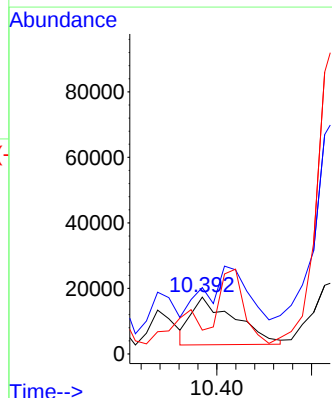
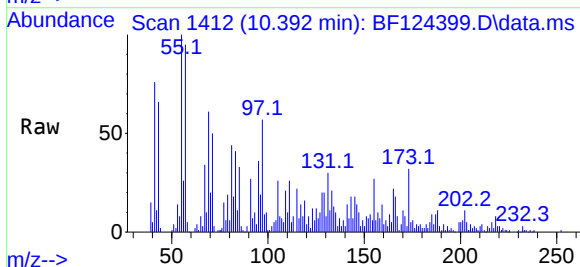


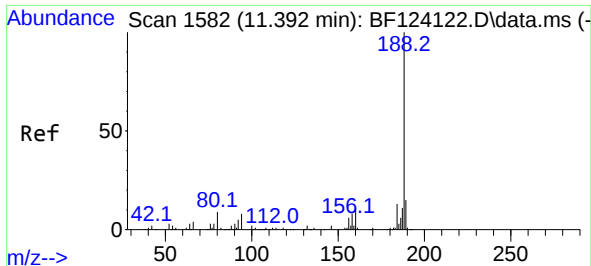
Tgt Ion:168 Resp: 11984
Ion Ratio Lower Upper
168 100
139 94.6 33.2 49.8#
169 125.7 10.8 16.2#



#58
Fluorene
Concen: 5.065 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:166 Resp: 23109
Ion Ratio Lower Upper
166 100
165 116.9 73.5 110.3#
167 41.9 10.7 16.1#

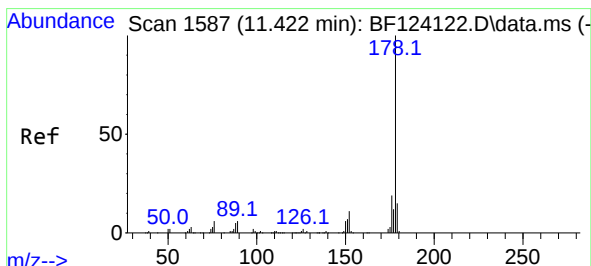
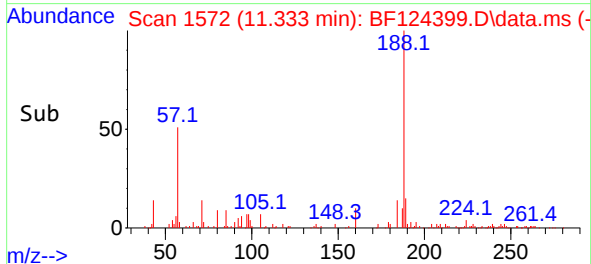
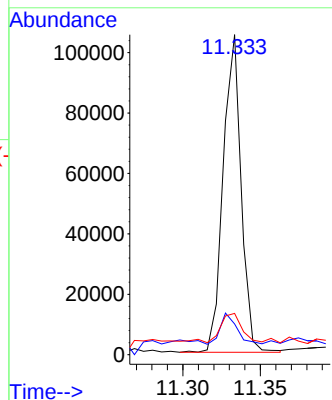
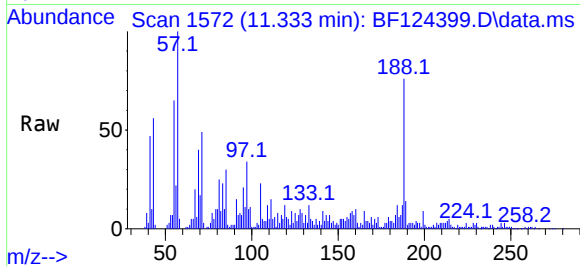




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.018 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

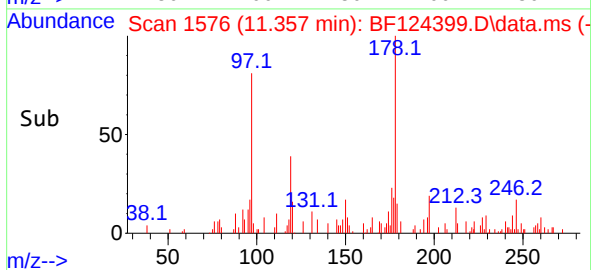
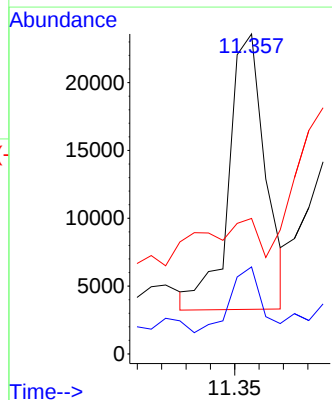
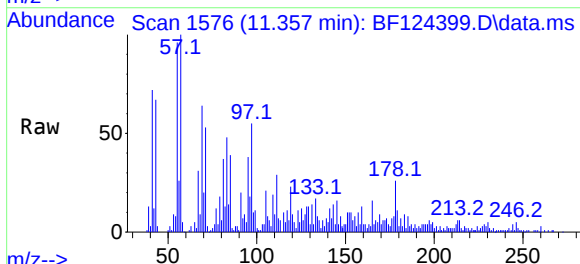
Instrument :
BNA_F
ClientSampled :
X-2

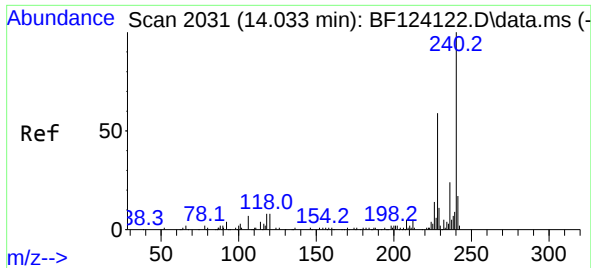
Tgt Ion:188 Resp: 84892
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 12.9 8.2 12.2#



#71
Phenanthrene
Concen: 4.025 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.012 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:178 Resp: 21347
Ion Ratio Lower Upper
178 100
176 27.2 15.6 23.4#
179 42.3 12.5 18.7#



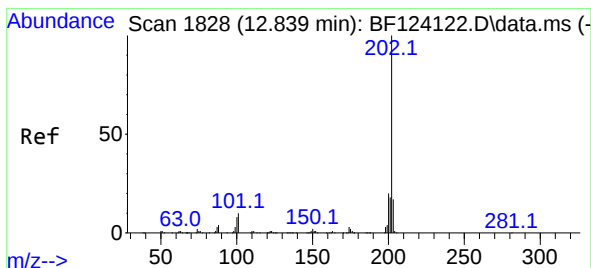
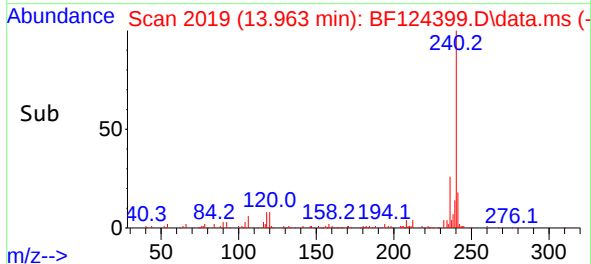
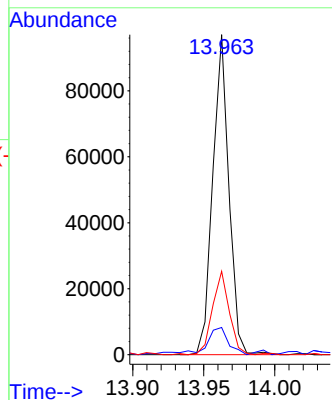
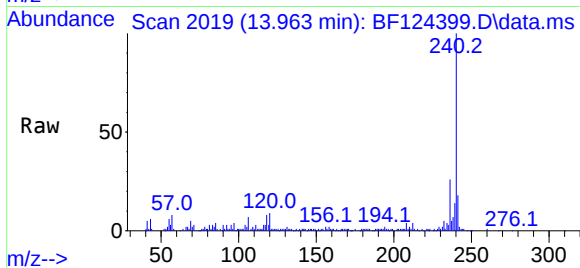


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Instrument :
BNA_F
ClientSampled :
X-2

Tgt Ion:240 Resp: 76763

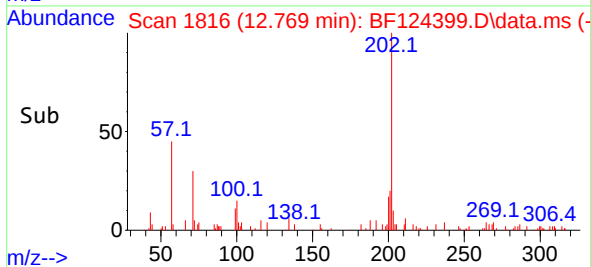
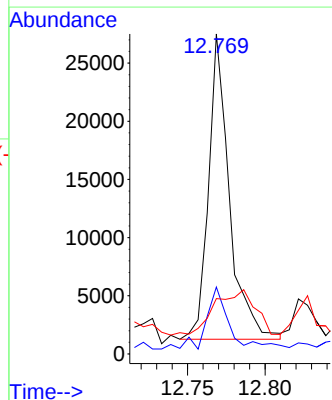
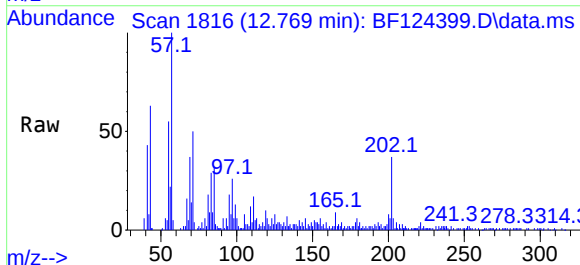
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	26.1	19.0	28.4

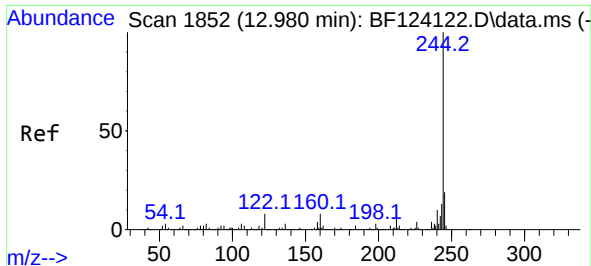


#78
Pyrene
Concen: 3.332 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:202 Resp: 24559

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.1	24.1
203	17.3	14.8	22.2

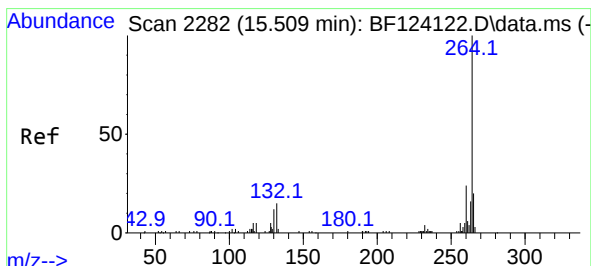
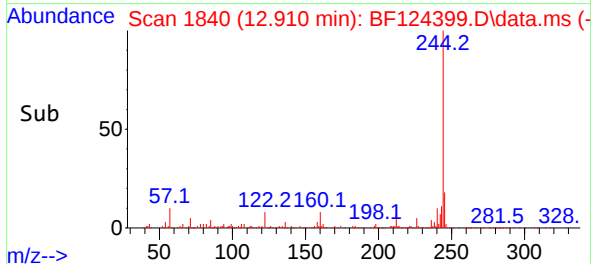
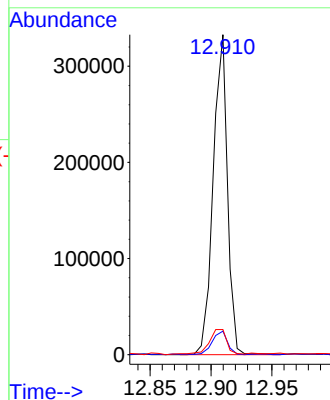
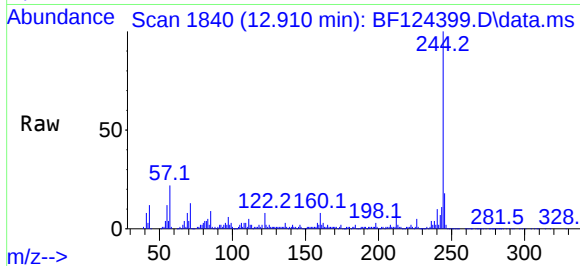




#79
Terphenyl-d14
Concen: 48.294 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Instrument :
BNA_F
ClientSampleId :
X-2

Tgt Ion:244 Resp: 270016
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 7.9 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124399.D
Acq: 21 Jun 2021 18:20

Tgt Ion:264 Resp: 87979
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 23.0 17.8 26.8

