

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124259.D
 Acq On : 11 Jun 2021 14:11
 Operator : JU/CG
 Sample : M2638-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ND-1

Quant Time: Jun 11 14:36:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

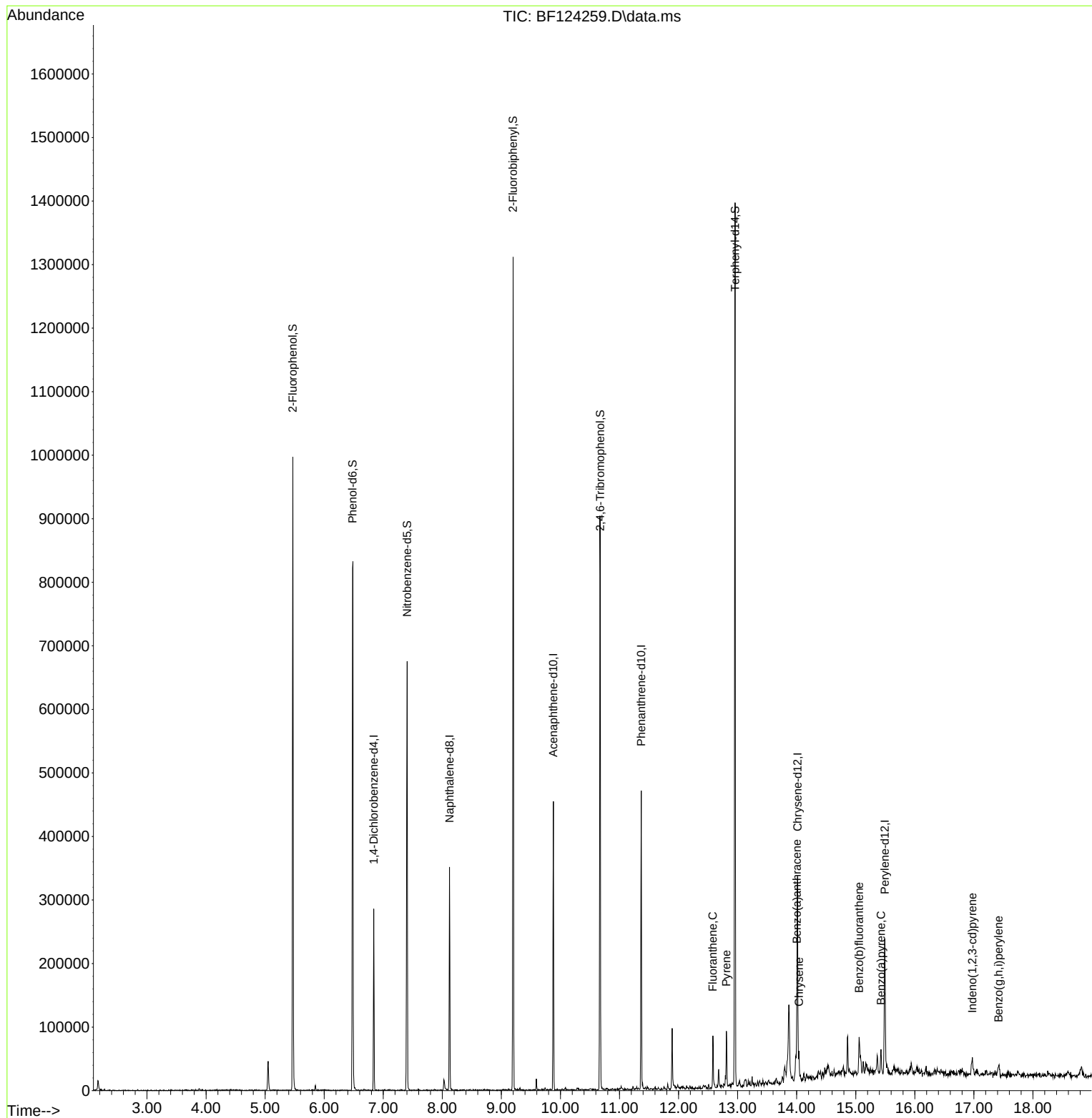
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	30964	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	129324	20.00	ng	#-0.01
39) Acenaphthene-d10	9.880	164	79726	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	143045	20.00	ng	# 0.00
76) Chrysene-d12	14.015	240	94221	20.00	ng	# 0.00
86) Perylene-d12	15.492	264	79412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	193914	94.27	ng	-0.01
7) Phenol-d6	6.481	99	249864	90.37	ng	-0.02
23) Nitrobenzene-d5	7.404	82	188651	57.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	96055	85.04	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	349801	55.21	ng	-0.01
79) Terphenyl-d14	12.957	244	406393	59.22	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	27515	2.93	ng	Qvalue 99
78) Pyrene	12.810	202	33090	3.66	ng	96
81) Benzo(a)anthracene	14.004	228	17306m	2.52	ng	
83) Chrysene	14.039	228	16665	2.52	ng	93
87) Indeno(1,2,3-cd)pyrene	16.974	276	14504	6.33	ng	97
88) Benzo(b)fluoranthene	15.057	252	28879m	4.68	ng	
90) Benzo(a)pyrene	15.427	252	15311	2.86	ng	# 80
92) Benzo(g,h,i)perylene	17.415	276	12061	5.80	ng	# 82

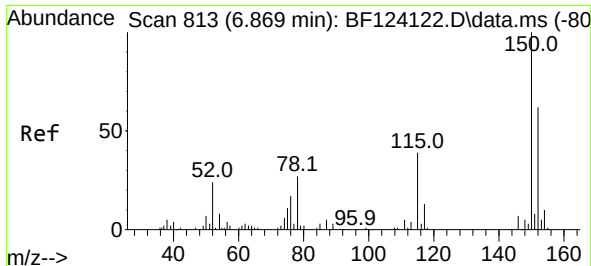
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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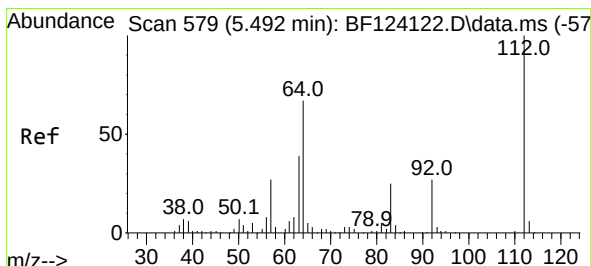
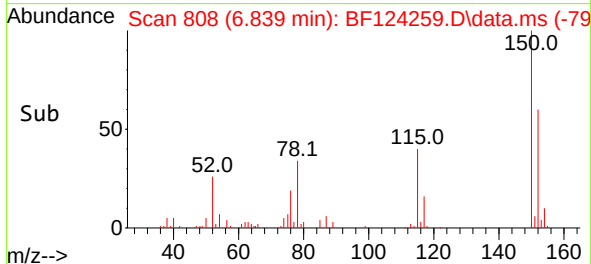
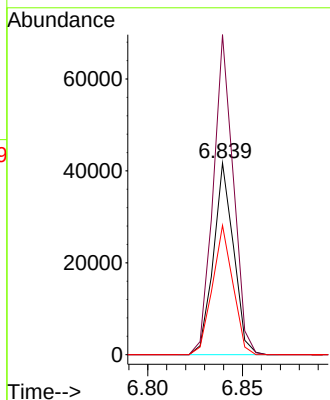
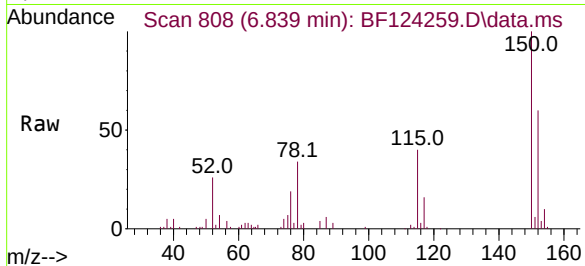




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

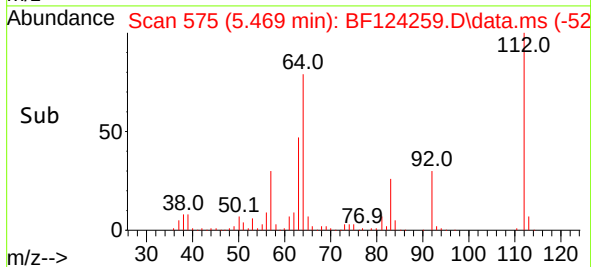
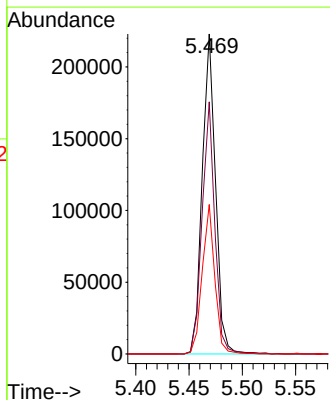
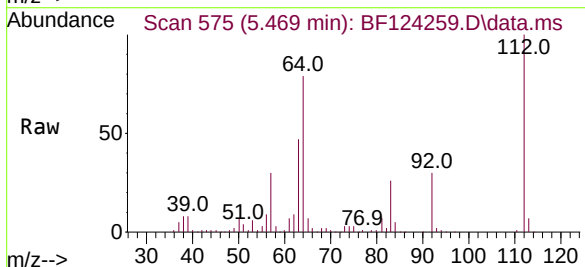
Instrument :
BNA_F
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ND-1

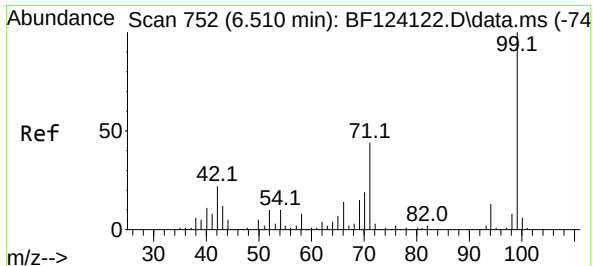
Tgt Ion:152 Resp: 30964
Ion Ratio Lower Upper
152 100
150 166.9 127.0 190.6
115 67.4 54.3 81.5



#5
2-Fluorophenol
Concen: 94.27 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion:112 Resp: 193914
Ion Ratio Lower Upper
112 100
64 78.8 61.4 92.0
63 46.7 33.0 49.4

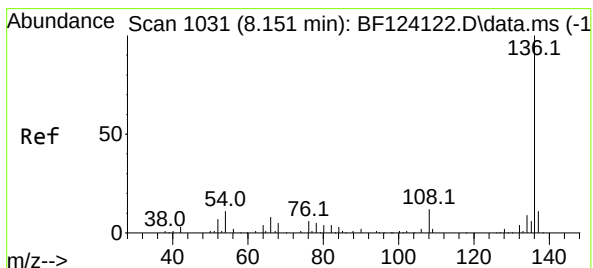
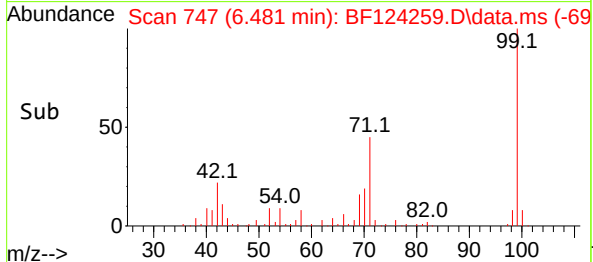
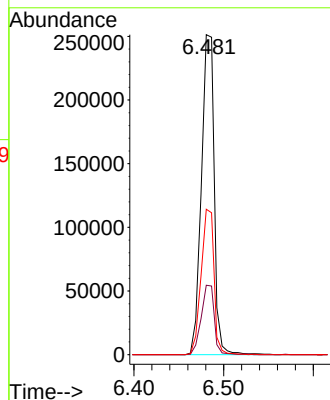
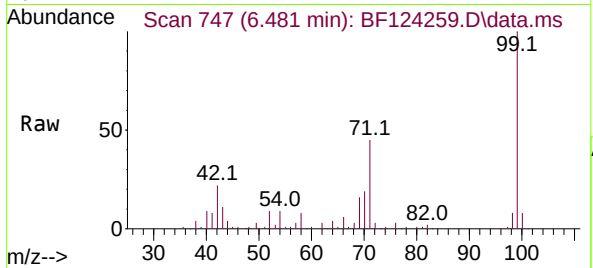




#7
Phenol-d6
Concen: 90.37 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

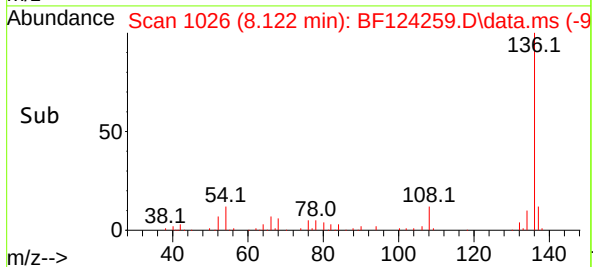
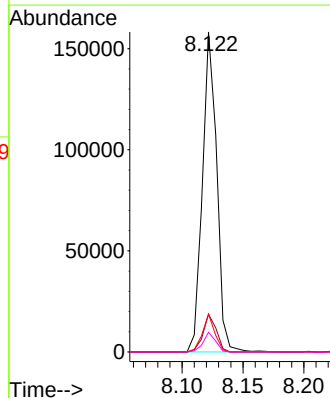
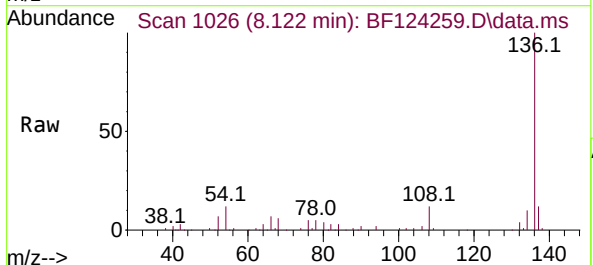
Instrument :
BNA_F
ClientSampleId :
ND-1

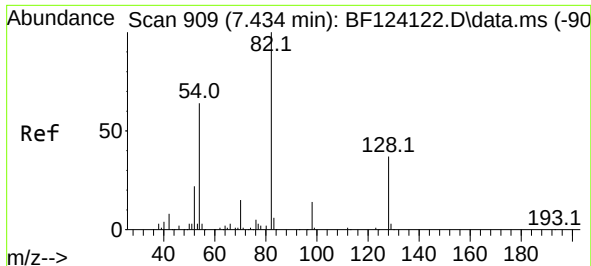
Tgt Ion: 99 Resp: 249864
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 45.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion: 136 Resp: 129324
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 11.8 9.8 14.6
68 6.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 57.86 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124259.D

Acq: 11 Jun 2021 14:11

Instrument :

BNA_F

ClientSampleId :

ND-1

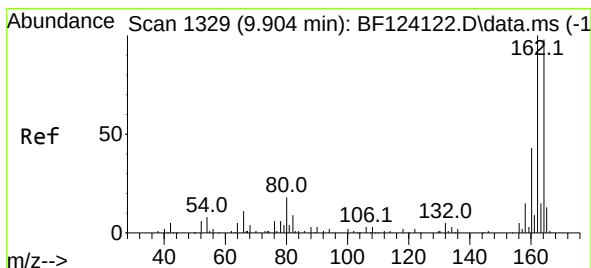
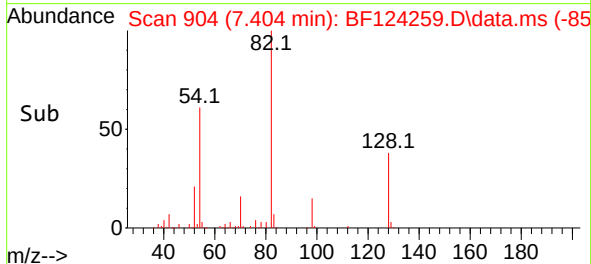
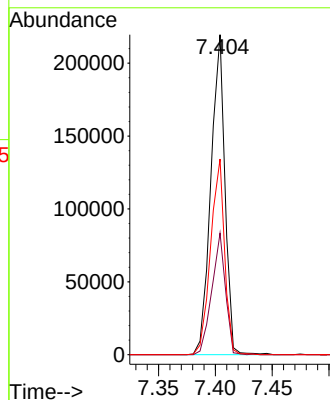
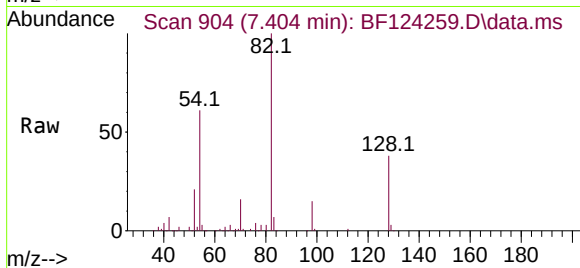
Tgt Ion: 82 Resp: 188651

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

54 61.1 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF124259.D

Acq: 11 Jun 2021 14:11

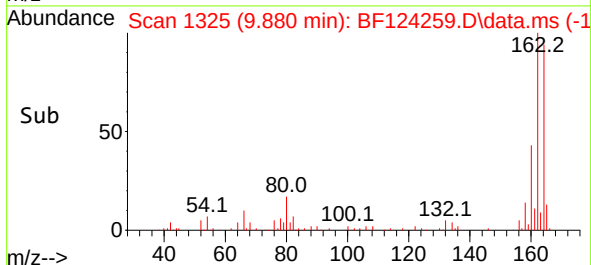
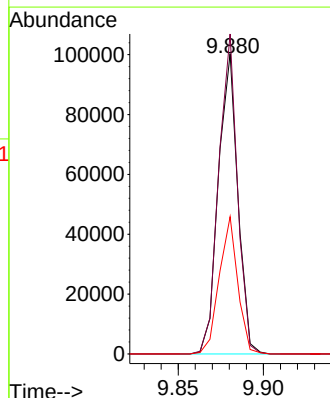
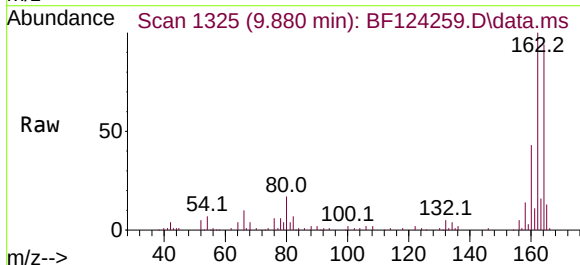
Tgt Ion:164 Resp: 79726

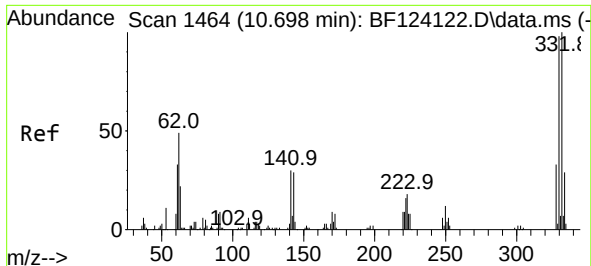
Ion Ratio Lower Upper

164 100

162 106.5 80.7 121.1

160 45.7 37.3 55.9

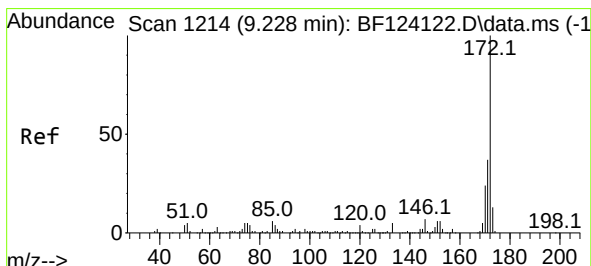
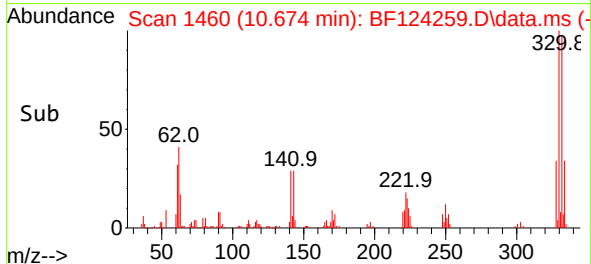
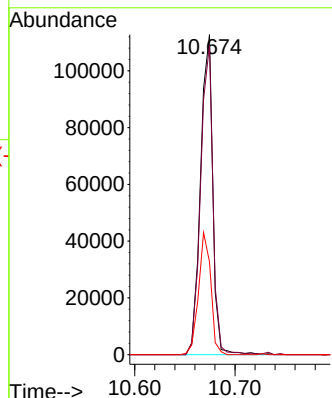
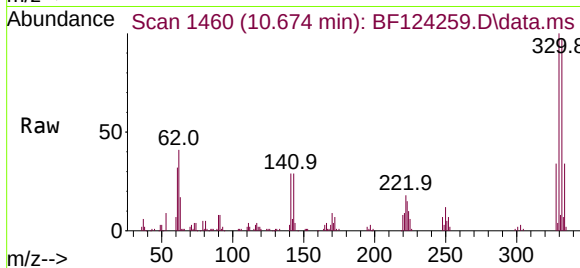




#42
2,4,6-Tribromophenol
Concen: 85.04 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

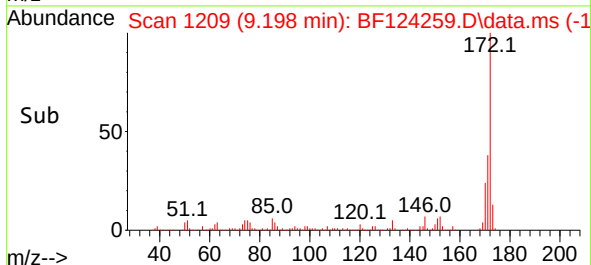
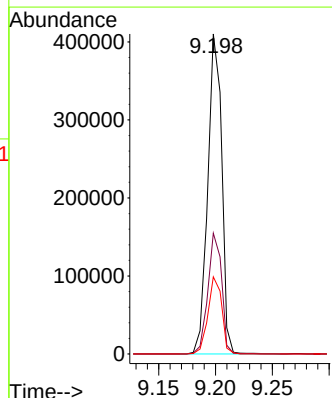
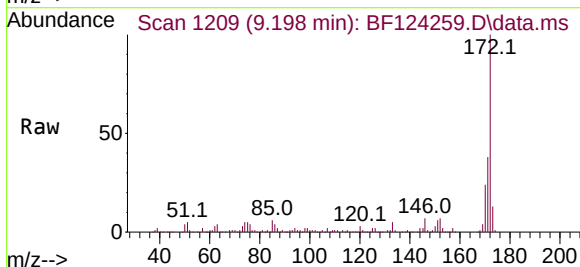
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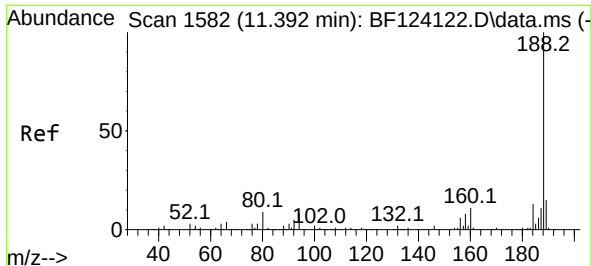
Tgt Ion: 330 Resp: 96055
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 55.21 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion: 172 Resp: 349801
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.1 19.2 28.8

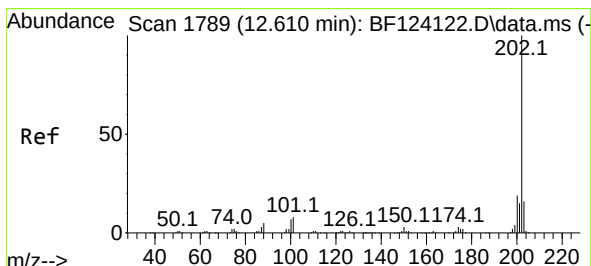
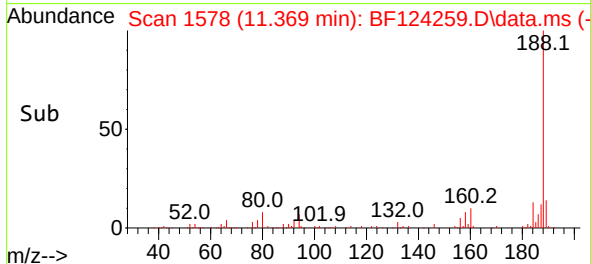
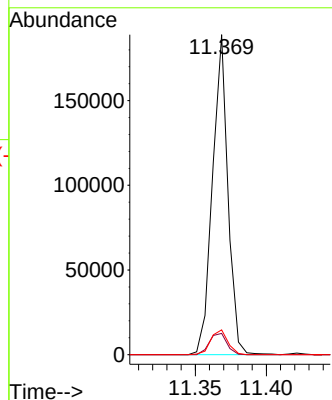
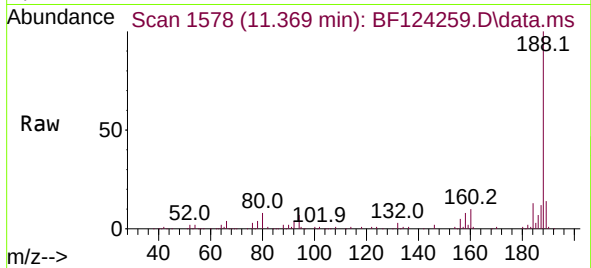




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

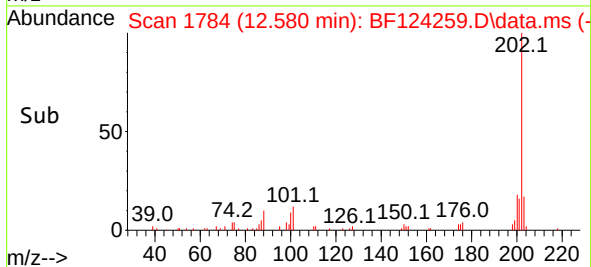
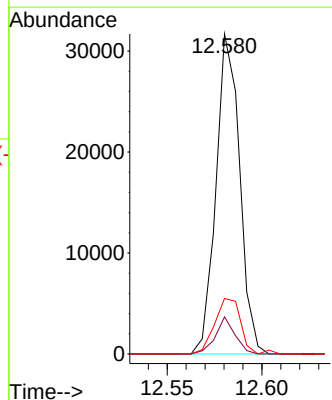
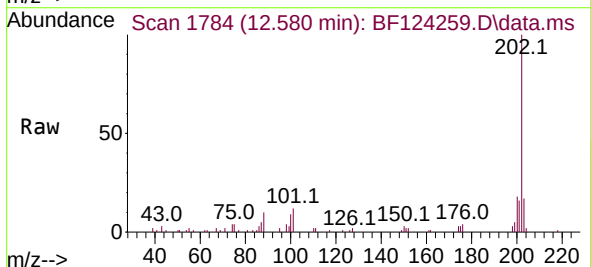
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ClientSampleId :
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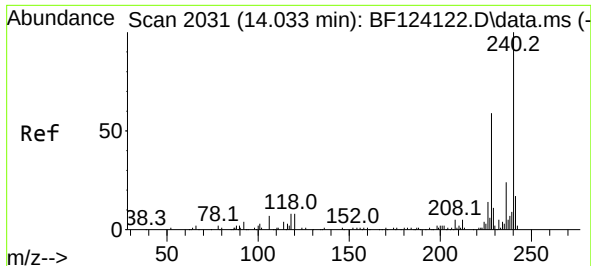
Tgt Ion:188 Resp: 143045
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.8 8.2 12.2#



#75
Fluoranthene
Concen: 2.93 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion:202 Resp: 27515
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.9
203 17.3 0.0 37.5

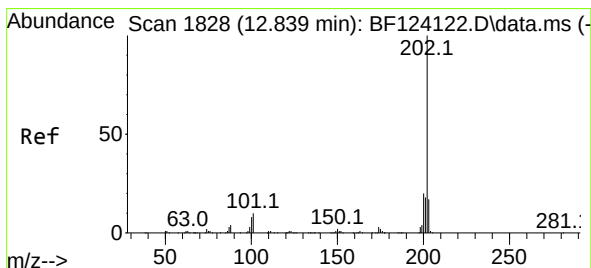
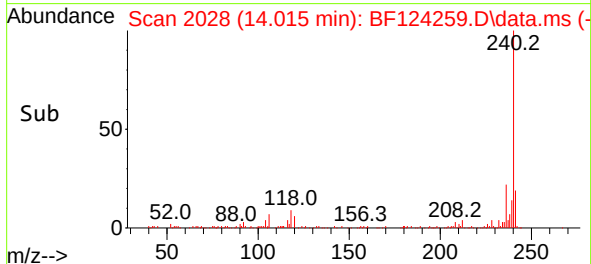
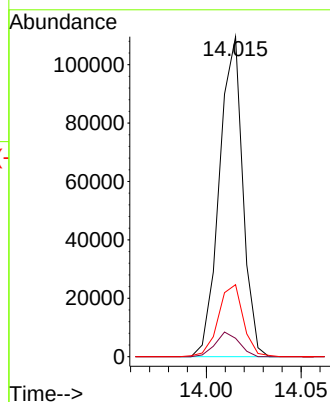
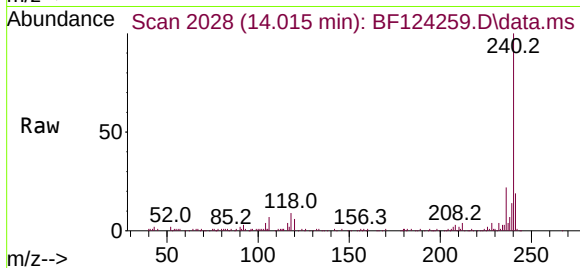




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

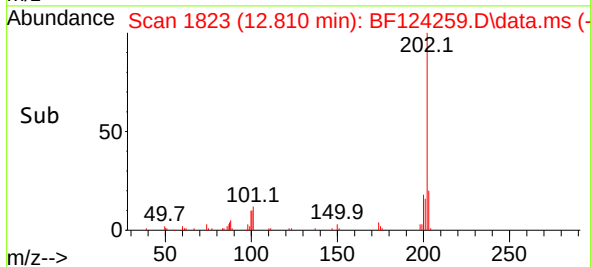
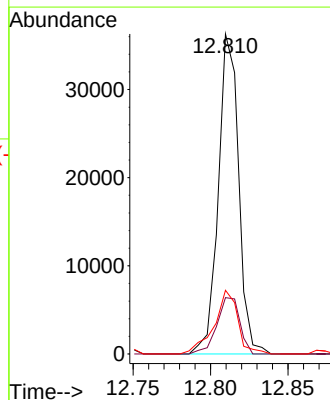
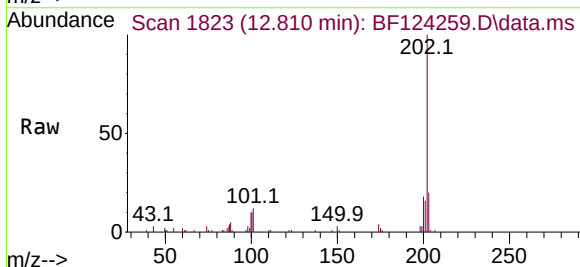
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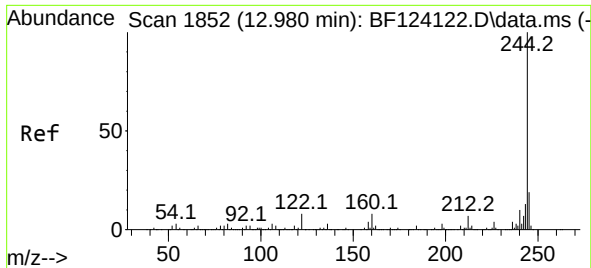
Tgt Ion:240 Resp: 94221
Ion Ratio Lower Upper
240 100
120 5.7 7.2 10.8#
236 22.5 19.0 28.4



#78
Pyrene
Concen: 3.66 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion:202 Resp: 33090
Ion Ratio Lower Upper
202 100
200 17.6 16.1 24.1
203 19.9 14.8 22.2

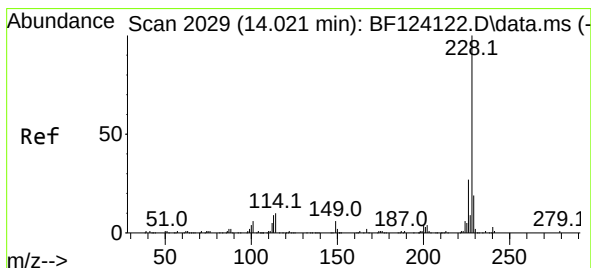
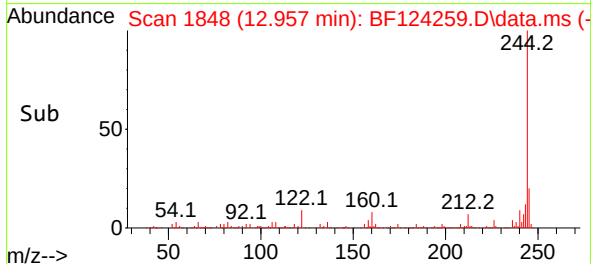
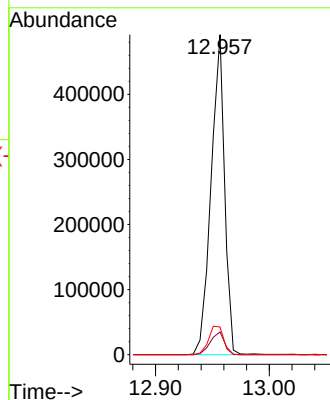
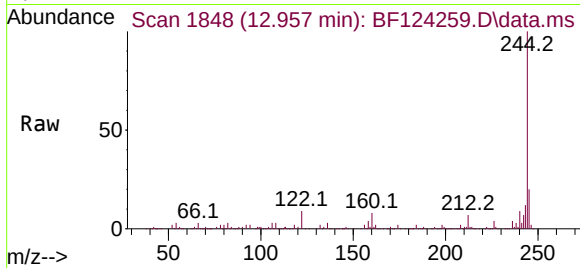




#79
 Terphenyl-d14
 Concen: 59.22 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124259.D
 Acq: 11 Jun 2021 14:11

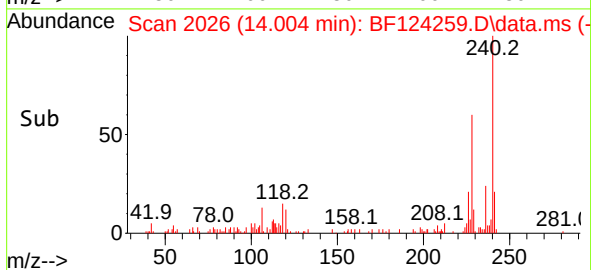
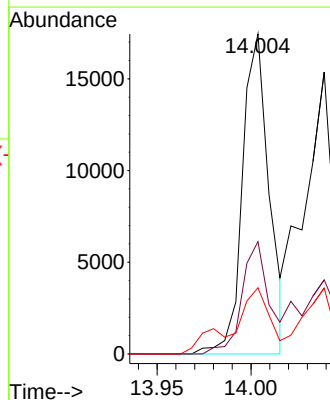
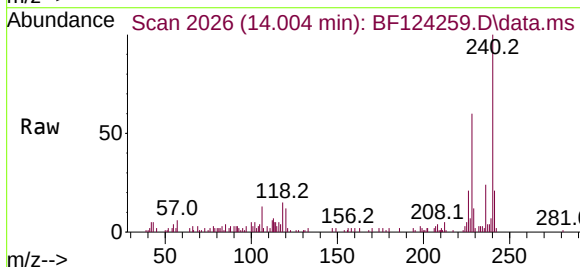
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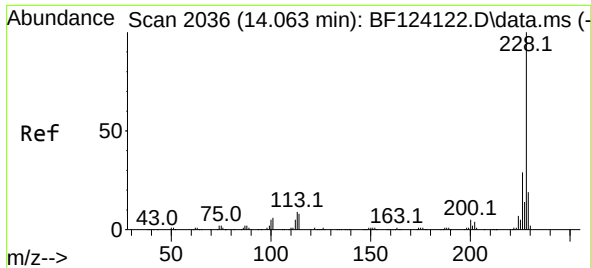
Tgt Ion:244 Resp: 406393
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.7 9.7 14.5#



#81
 Benzo(a)anthracene
 Concen: 2.52 ng m
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.006 min
 Lab File: BF124259.D
 Acq: 11 Jun 2021 14:11

Tgt Ion:228 Resp: 17306
 Ion Ratio Lower Upper
 228 100
 226 35.1 22.4 33.6#
 229 20.7 16.0 24.0

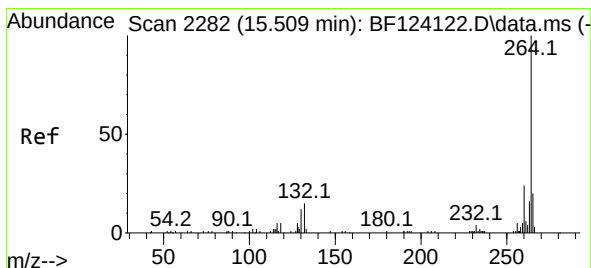
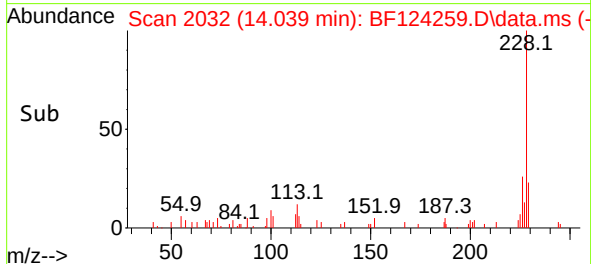
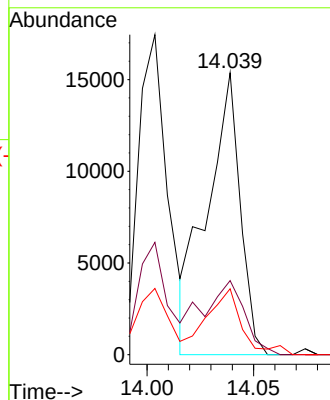
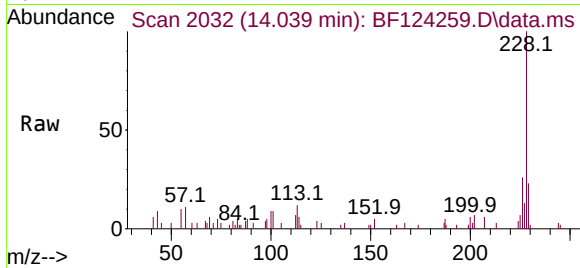




#83
Chrysene
Concen: 2.52 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

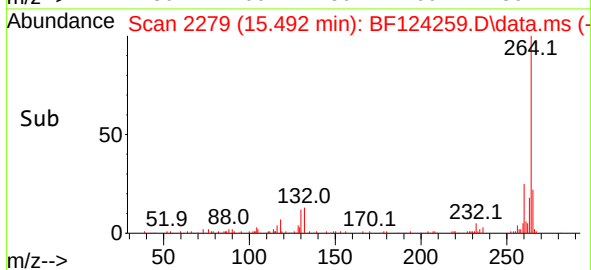
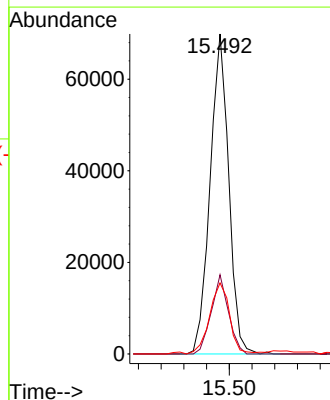
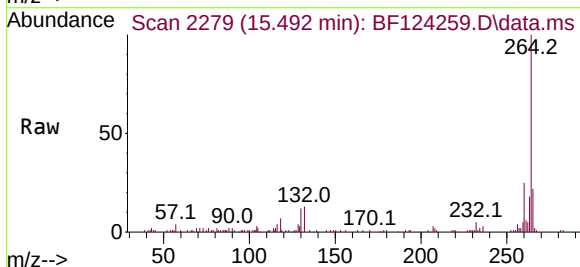
Instrument :
BNA_F
ClientSampleId :
ND-1

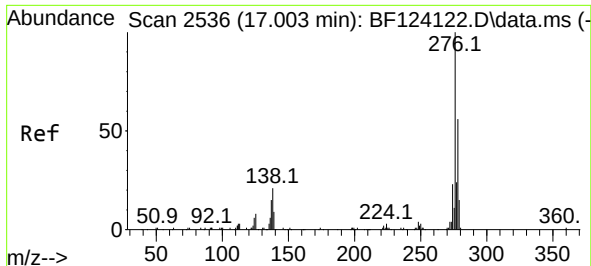
Tgt Ion:228	Resp:	16665
Ion Ratio	Lower	Upper
228	100	
226	26.3	24.3 36.5
229	23.4	16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion:264	Resp:	79412
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.7 28.1
265	22.2	17.8 26.8

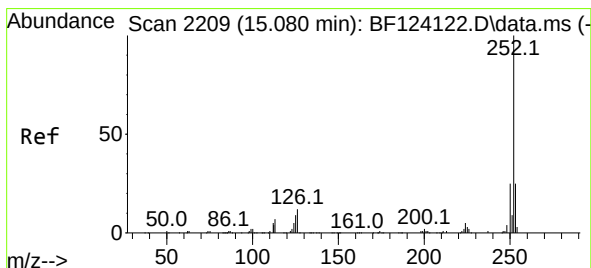
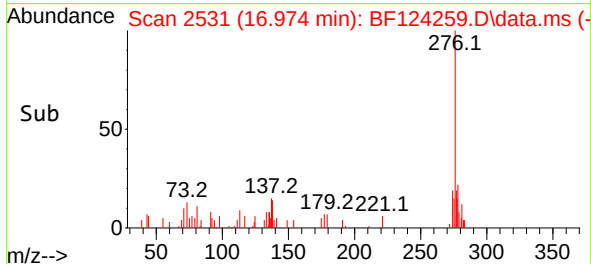
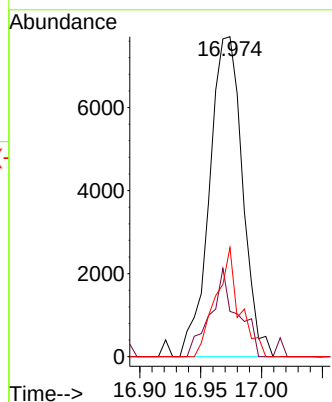
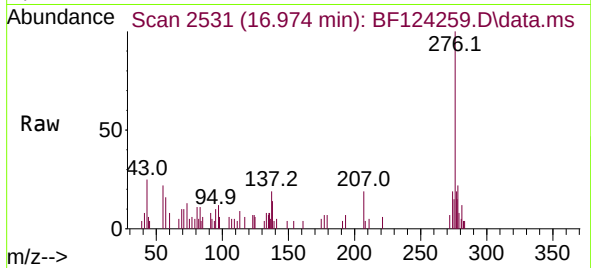




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.33 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

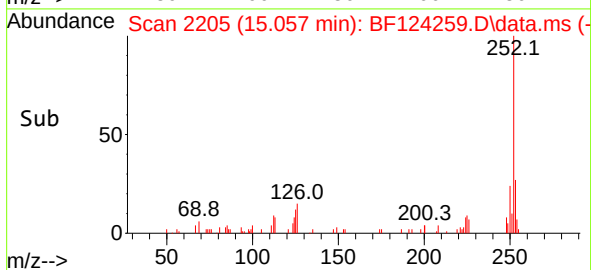
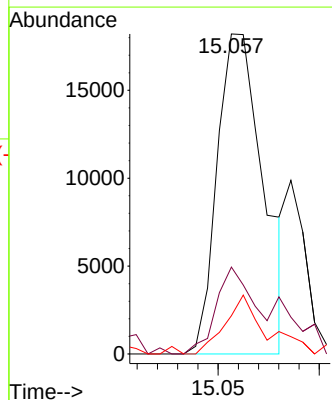
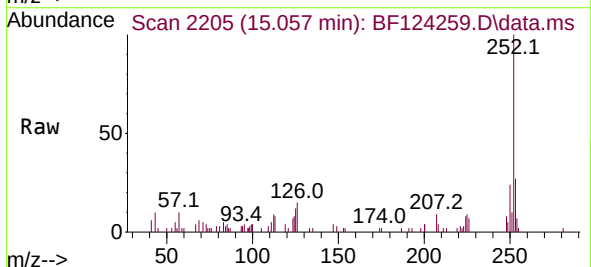
Instrument :
BNA_F
ClientSampleId :
ND-1

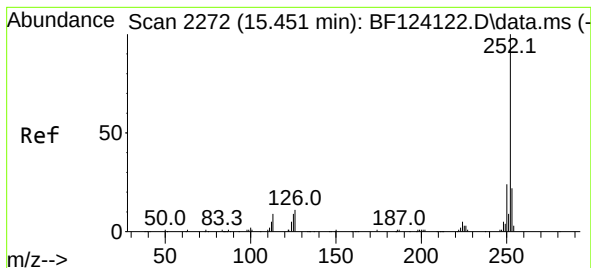
Tgt Ion:276	Resp:	14504
Ion Ratio	Lower	Upper
276	100	
138	22.4	16.2 24.2
277	24.7	20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 4.68 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124259.D
Acq: 11 Jun 2021 14:11

Tgt Ion:252	Resp:	28879
Ion Ratio	Lower	Upper
252	100	
253	27.2	18.1 27.1#
125	11.9	6.2 9.4#





#90

Benzo(a)pyrene

Concen: 2.86 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF124259.D

Acq: 11 Jun 2021 14:11

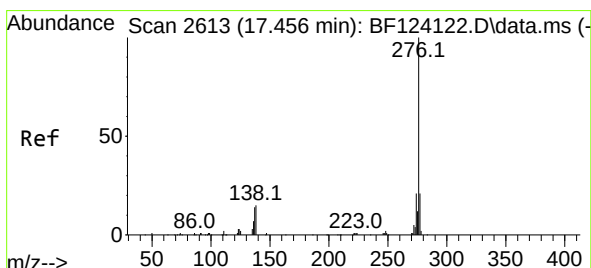
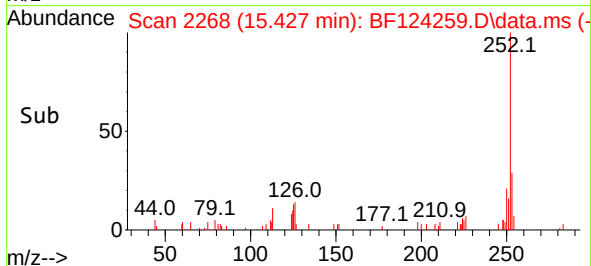
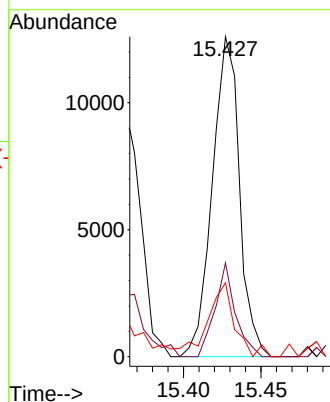
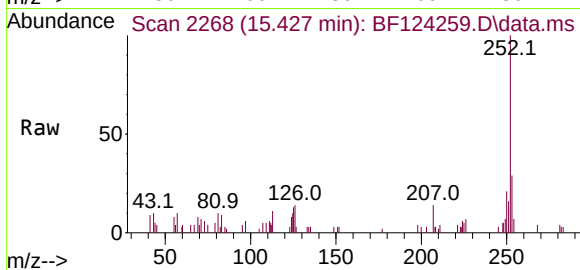
Tgt Ion:	252	Resp:	15311
Ion Ratio	Lower	Upper	
252	100		
253	29.3	18.4	27.6#
125	23.1	8.0	12.0#

Instrument :

BNA_F

ClientSampleId :

ND-1



#92

Benzo(g,h,i)perylene

Concen: 5.80 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.018 min

Lab File: BF124259.D

Acq: 11 Jun 2021 14:11

Tgt Ion:	276	Resp:	12061
Ion Ratio	Lower	Upper	
276	100		
277	18.2	18.2	27.2
138	29.8	13.8	20.6#

