

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134194.D
 Acq On : 10 Jul 2023 19:31
 Operator : CG\JU
 Sample : 03507-04 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-2

Quant Time: Jul 10 19:55:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

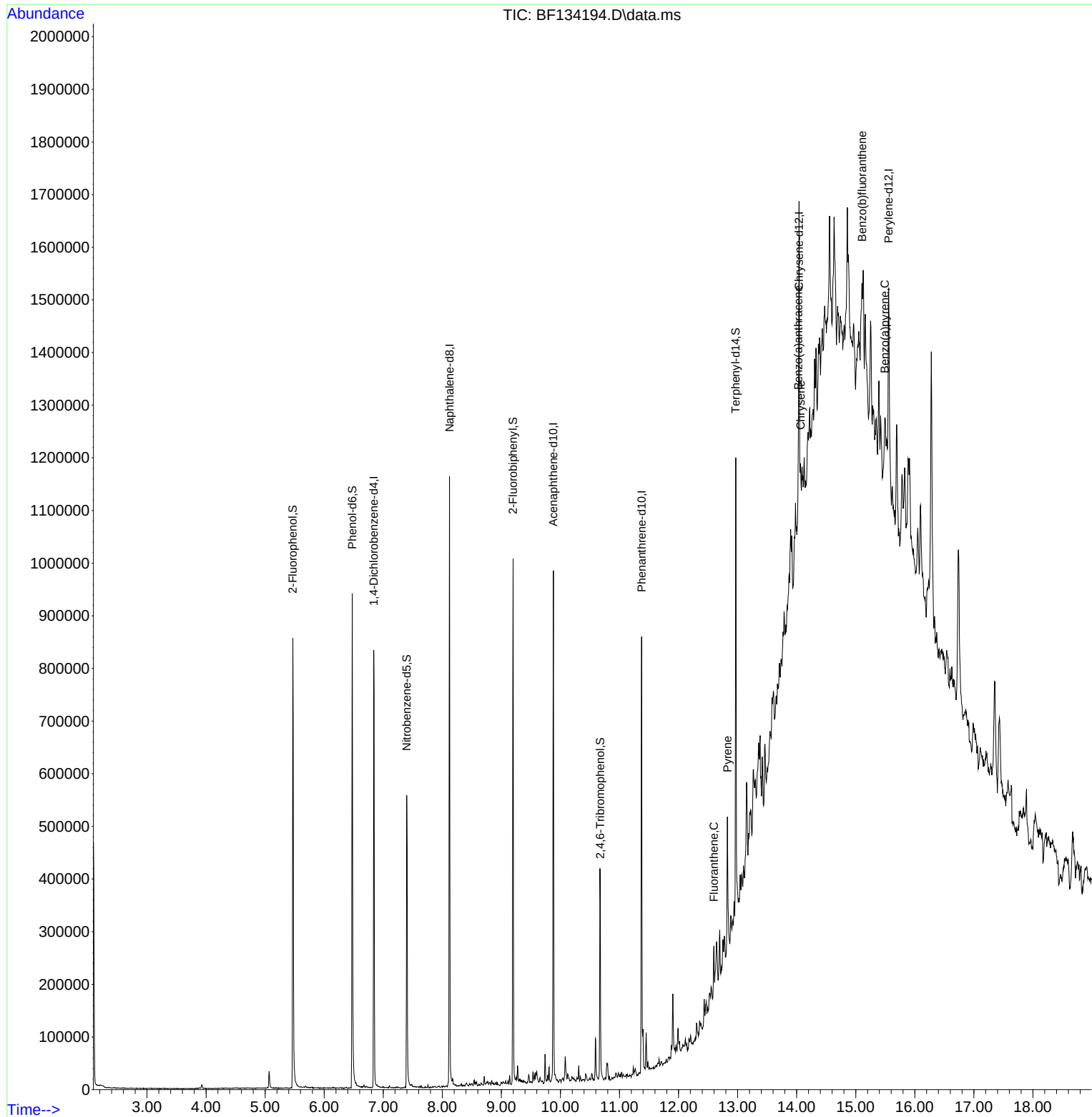
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	124148	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	447187	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	181500	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	296640	20.000	ng	0.00
76) Chrysene-d12	14.039	240	200775	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	151054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	230107	31.005	ng	0.00
7) Phenol-d6	6.475	99	280435	30.725	ng	0.00
23) Nitrobenzene-d5	7.398	82	168210	20.277	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	49238	21.637	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	287183	23.005	ng	0.00
79) Terphenyl-d14	12.969	244	285480	22.884	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.598	202	40953	2.537	ng	98
78) Pyrene	12.827	202	92074	4.928	ng	99
81) Benzo(a)anthracene	14.027	228	35062	2.518	ng	# 62
83) Chrysene	14.069	228	46279	3.432	ng	# 78
88) Benzo(b)fluoranthene	15.110	252	28257m	3.181	ng	
90) Benzo(a)pyrene	15.492	252	24716	2.878	ng	# 37

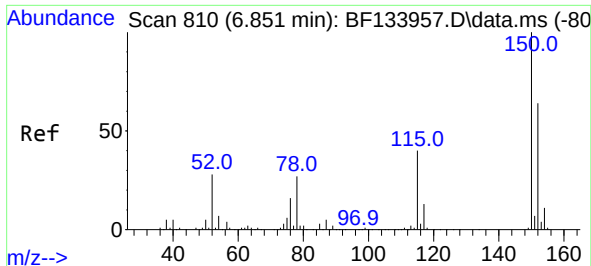
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 10 18:49:59 2023
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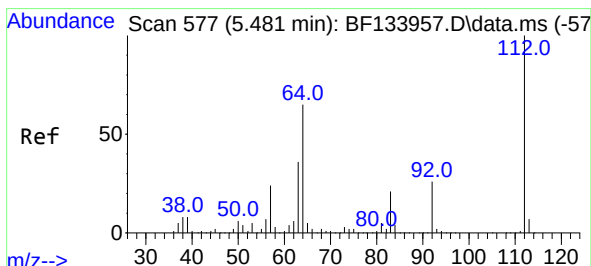
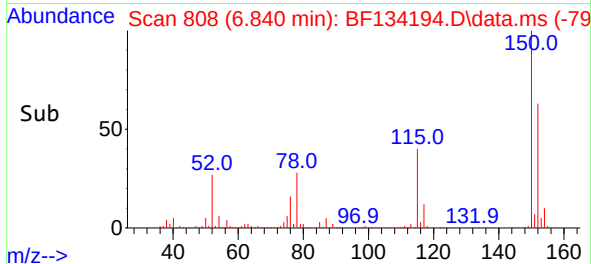
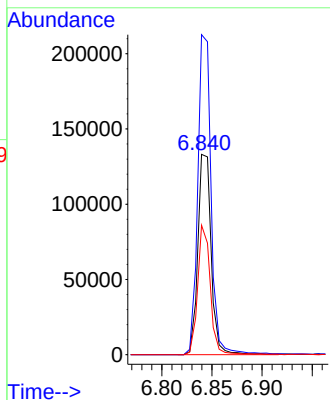
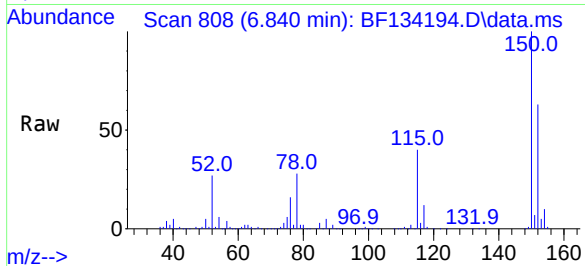




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

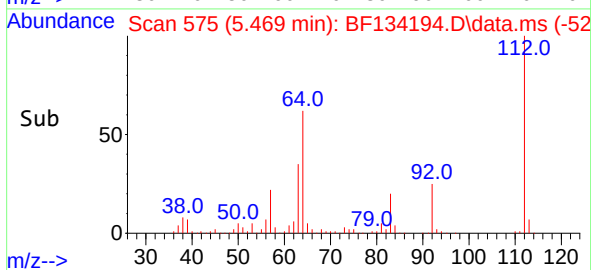
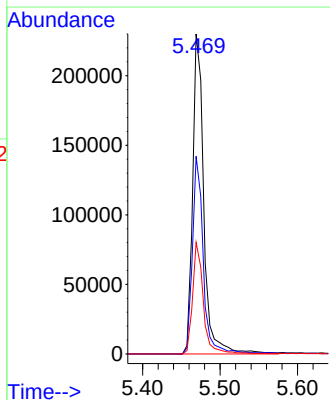
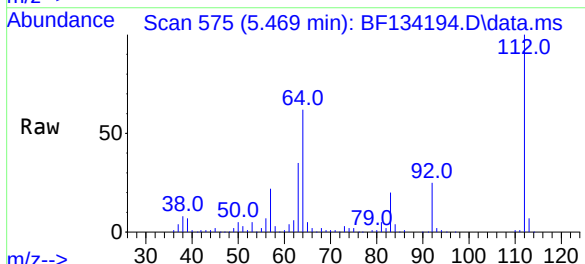
Instrument :
BNA_F
ClientSampleId :
CP-2

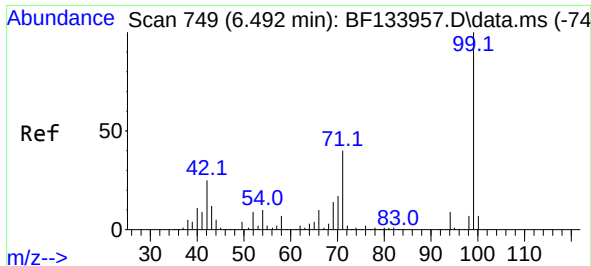
Tgt Ion:152 Resp: 124148
Ion Ratio Lower Upper
152 100
150 159.8 124.5 186.7
115 64.6 50.2 75.2



#5
2-Fluorophenol
Concen: 31.005 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:112 Resp: 230107
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.9 28.6 42.8

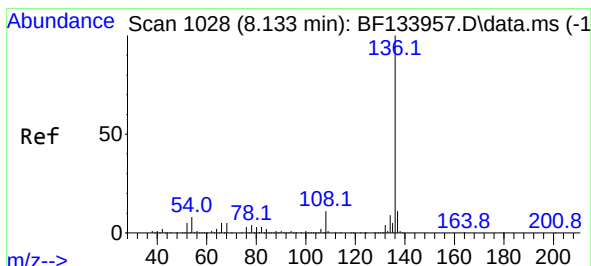
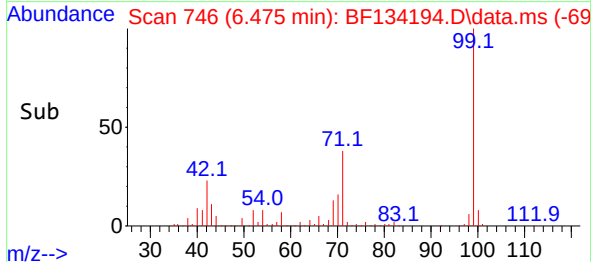
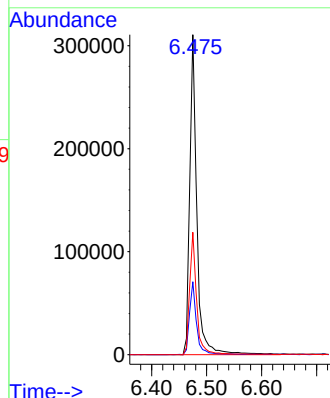
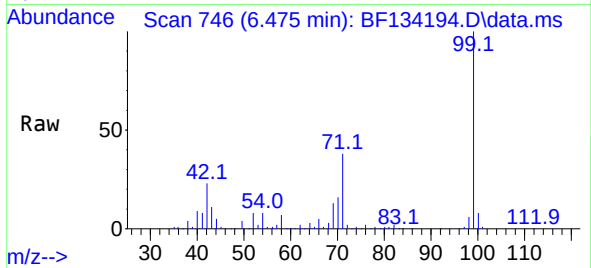




#7
Phenol-d6
Concen: 30.725 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

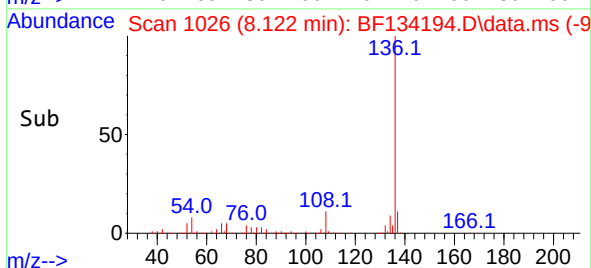
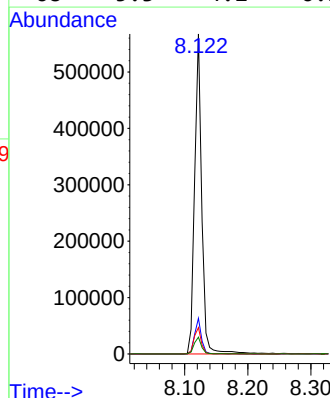
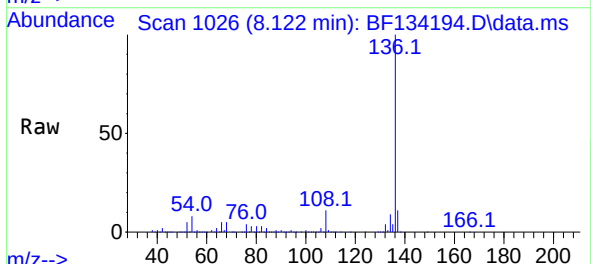
Instrument :
BNA_F
ClientSampleId :
CP-2

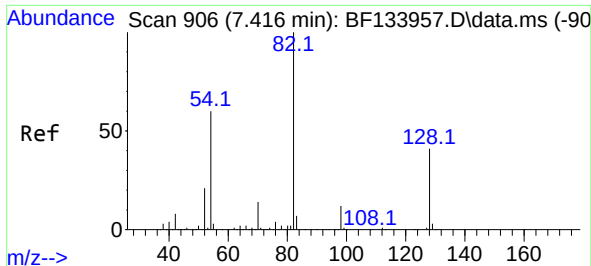
Tgt Ion: 99 Resp: 280435
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.6
71 38.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:136 Resp: 447187
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.5 9.7
68 5.3 4.2 6.2

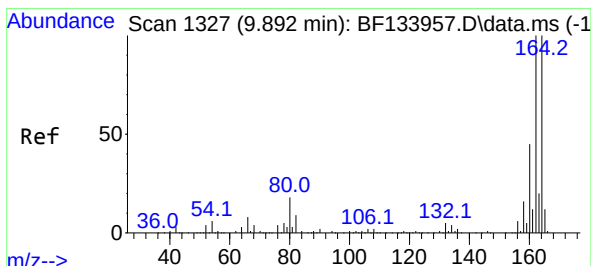
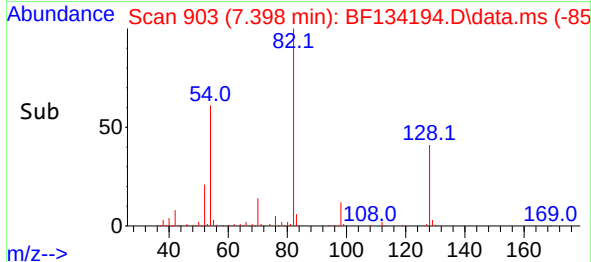
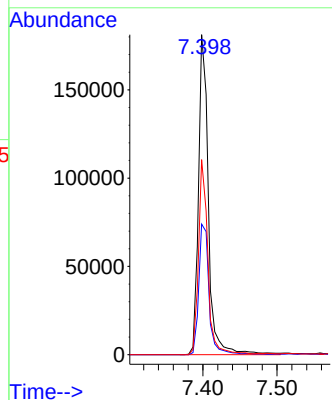
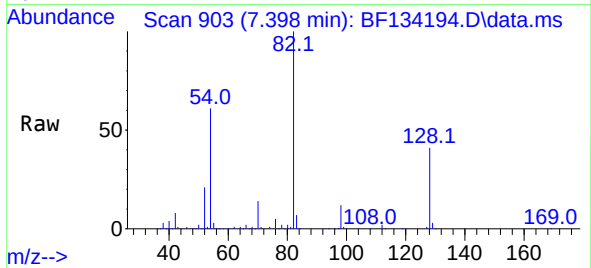




#23
Nitrobenzene-d5
Concen: 20.277 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

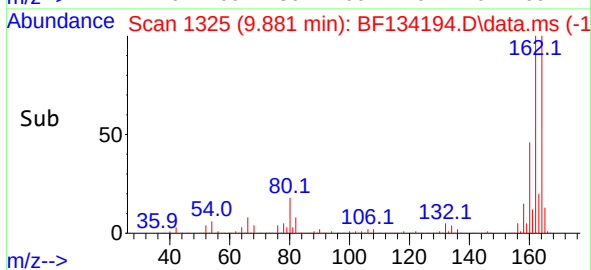
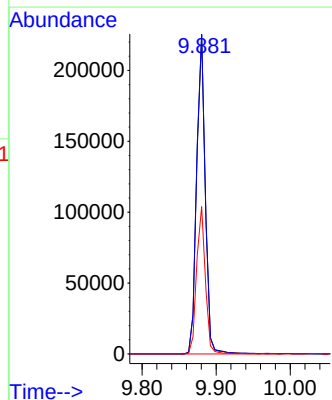
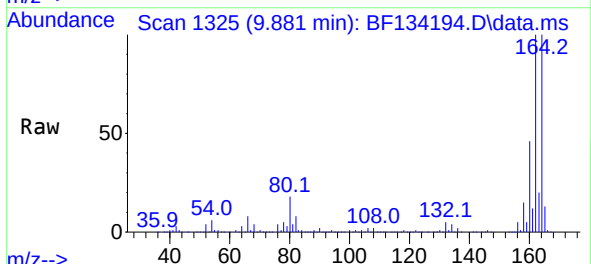
Instrument :
BNA_F
ClientSampleId :
CP-2

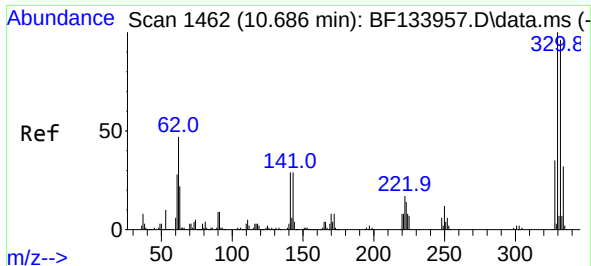
Tgt Ion: 82 Resp: 168210
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 61.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

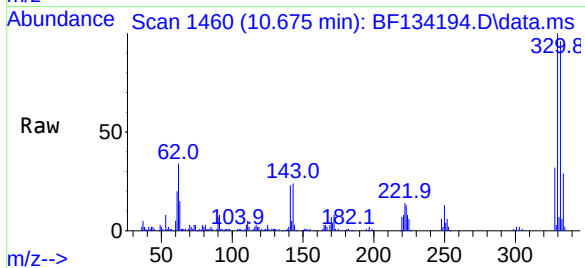
Tgt Ion:164 Resp: 181500
Ion Ratio Lower Upper
164 100
162 100.3 80.0 120.0
160 46.2 35.9 53.9



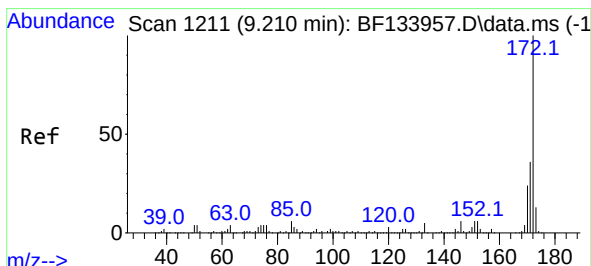
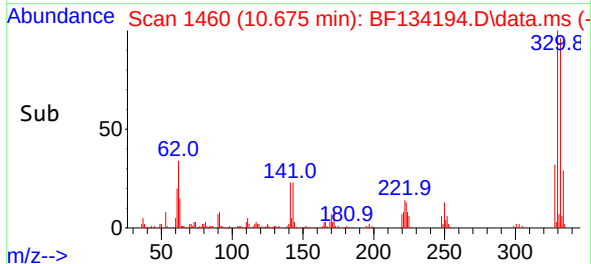
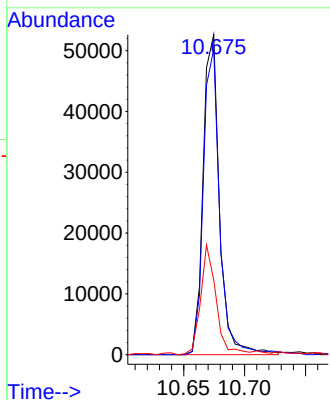


#42
2,4,6-Tribromophenol
Concen: 21.637 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Instrument :
BNA_F
ClientSampleId :
CP-2

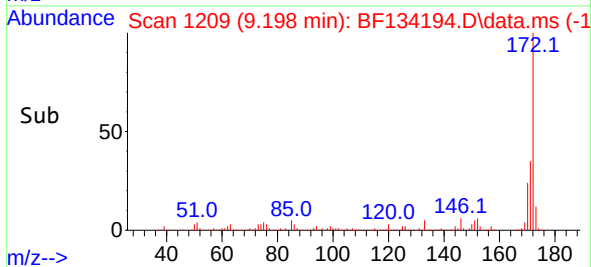
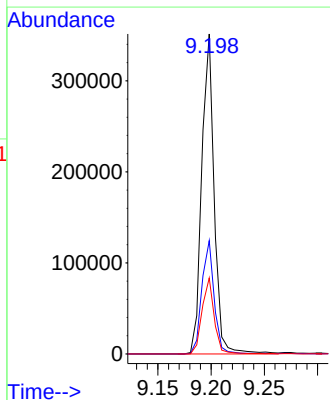
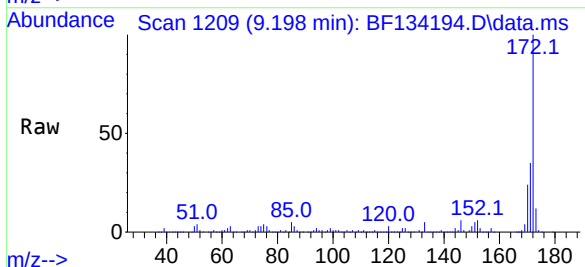


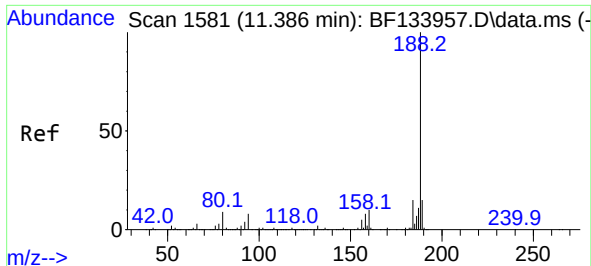
Tgt Ion:330 Resp: 49238
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 23.005 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:172 Resp: 287183
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.4 29.0

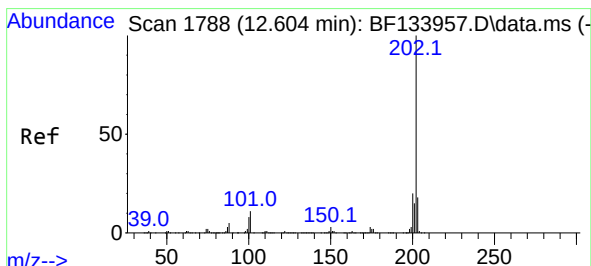
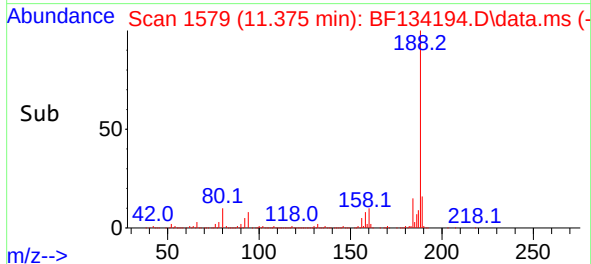
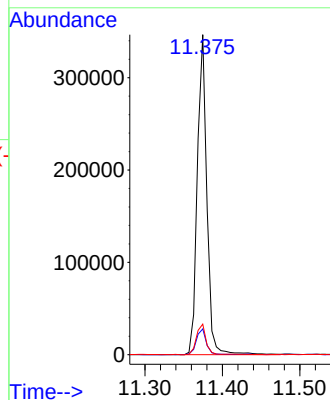
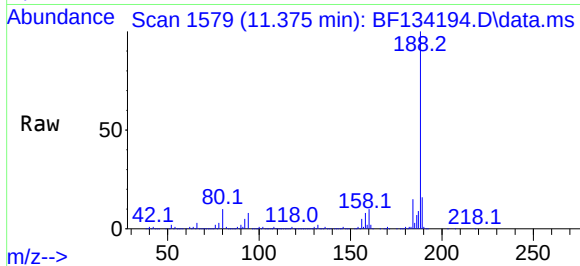




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

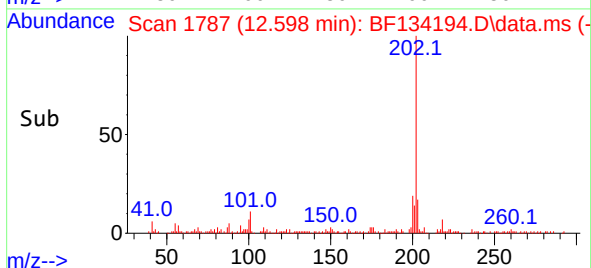
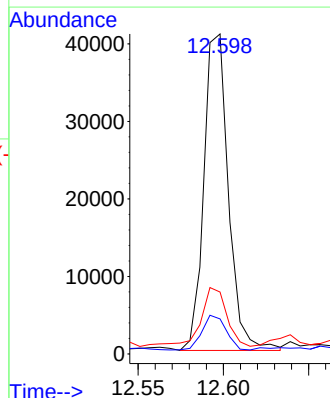
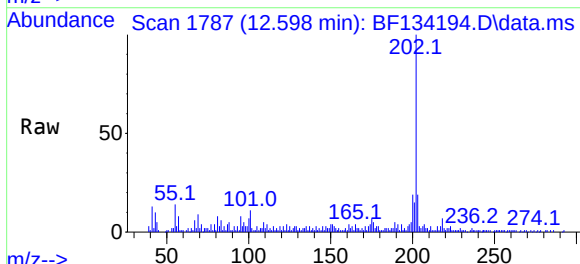
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ClientSampleId :
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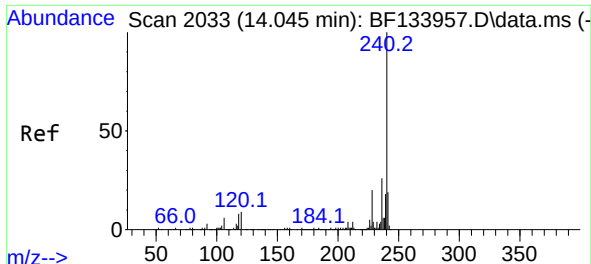
Tgt Ion:188 Resp: 296640
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.6 7.3 10.9



#75
Fluoranthene
Concen: 2.537 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:202 Resp: 40953
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.0
203 19.3 0.0 37.6

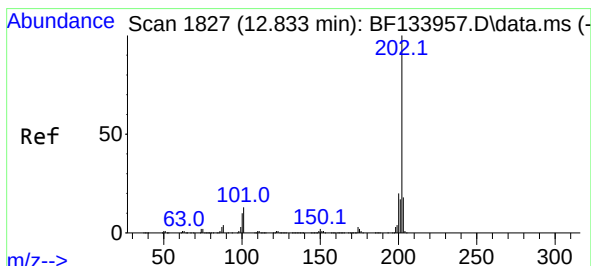
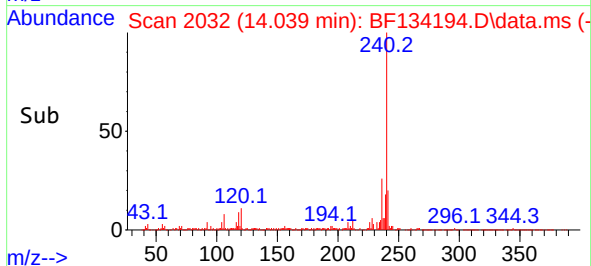
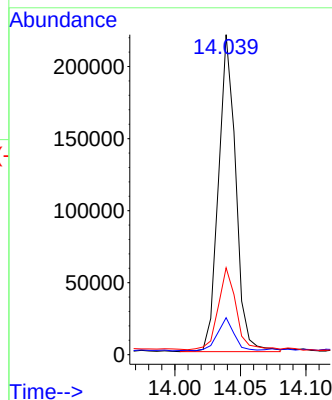
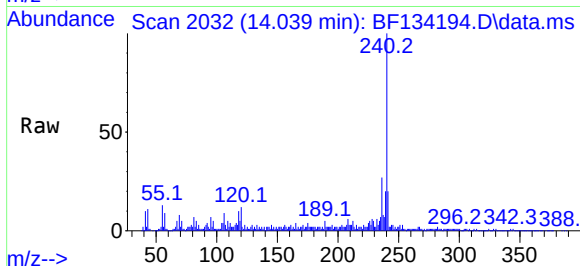




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

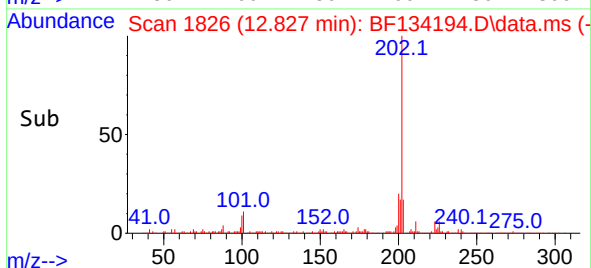
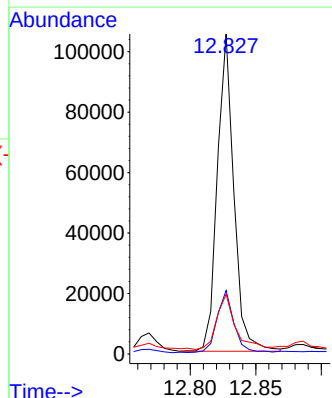
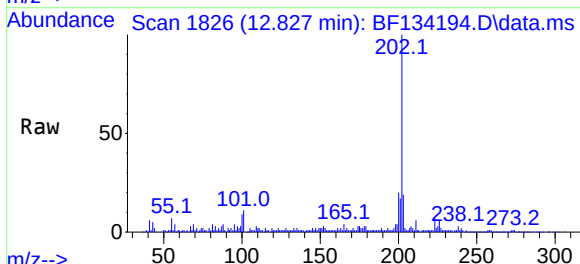
Instrument :
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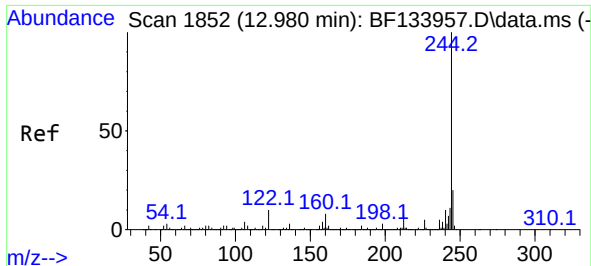
Tgt Ion:240 Resp: 200775
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.0#
236 27.1 21.0 31.6



#78
Pyrene
Concen: 4.928 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:202 Resp: 92074
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 18.7 14.3 21.5

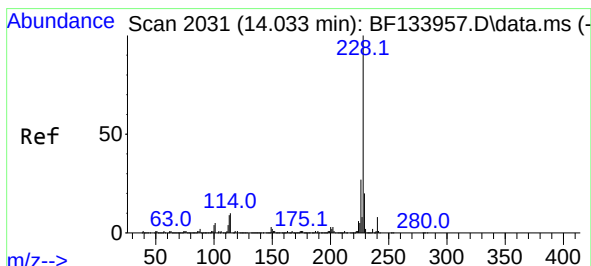
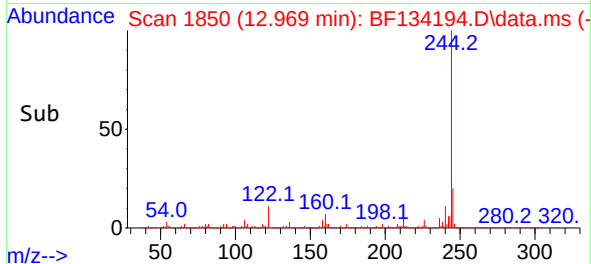
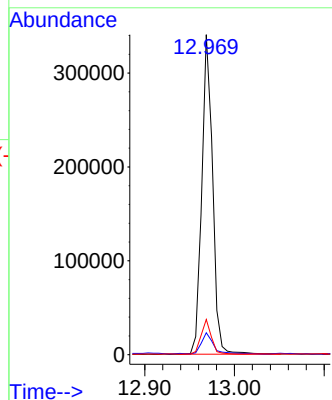
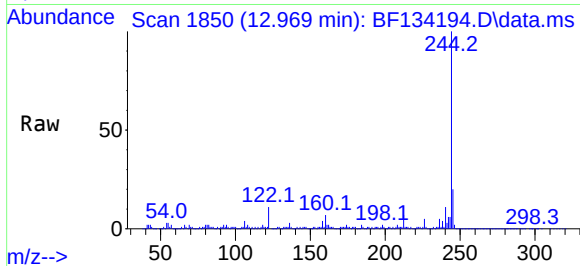




#79
 Terphenyl-d14
 Concen: 22.884 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134194.D
 Acq: 10 Jul 2023 19:31

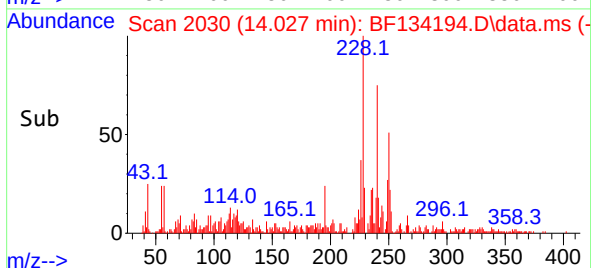
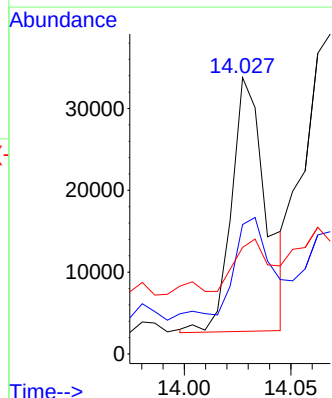
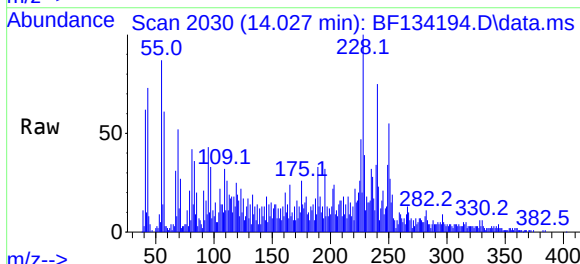
Instrument :
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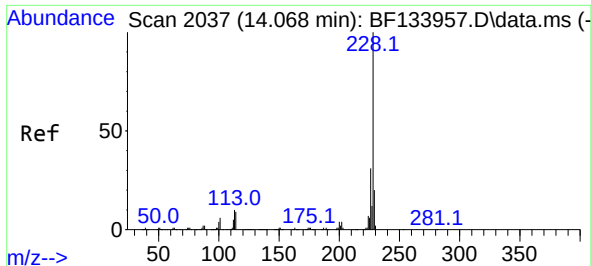
Tgt Ion:244 Resp: 285480
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.0 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.518 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF134194.D
 Acq: 10 Jul 2023 19:31

Tgt Ion:228 Resp: 35062
 Ion Ratio Lower Upper
 228 100
 226 46.9 22.0 33.0#
 229 38.6 16.3 24.5#

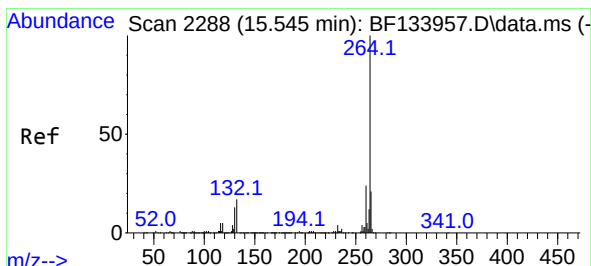
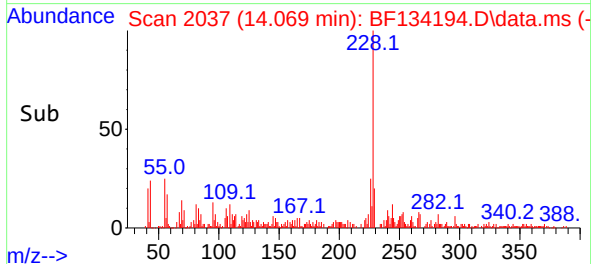
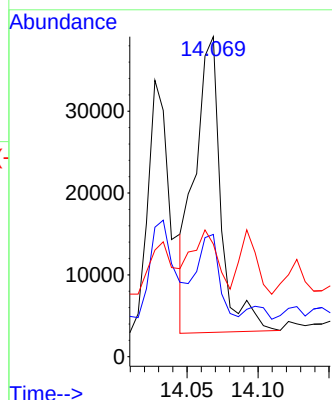
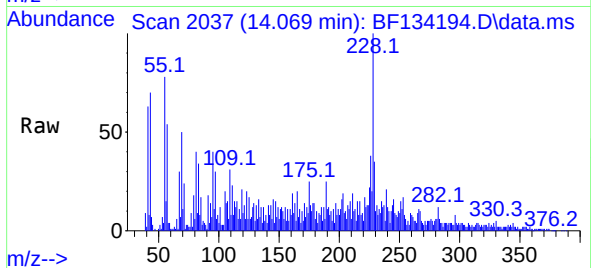




#83
Chrysene
Concen: 3.432 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

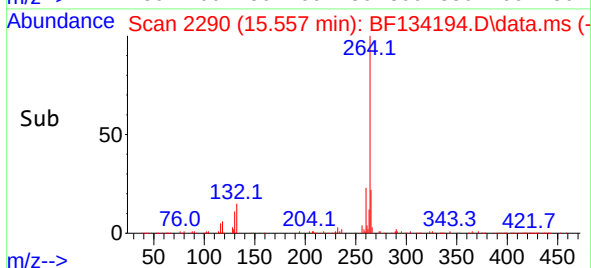
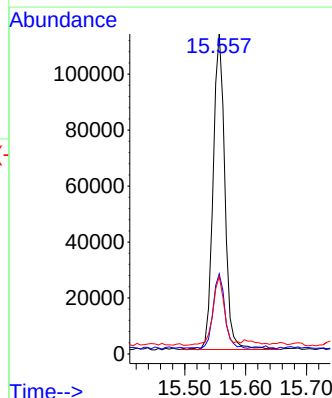
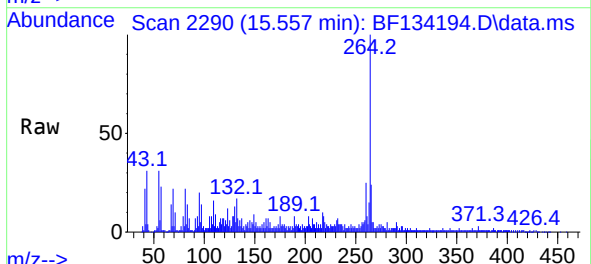
Instrument :
BNA_F
ClientSampleId :
CP-2

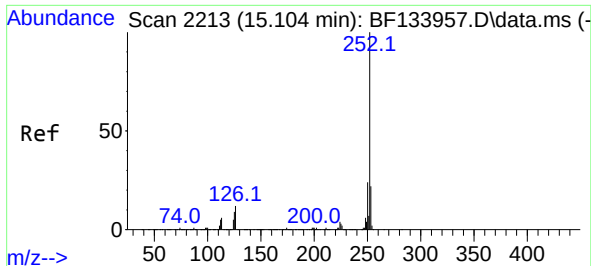
Tgt Ion:228 Resp: 46279
Ion Ratio Lower Upper
228 100
226 38.2 24.4 36.6#
229 35.2 16.1 24.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:264 Resp: 151054
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 24.2 16.6 25.0

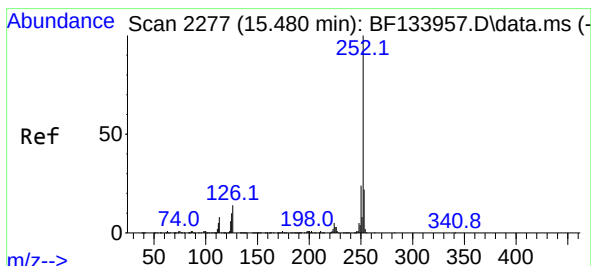
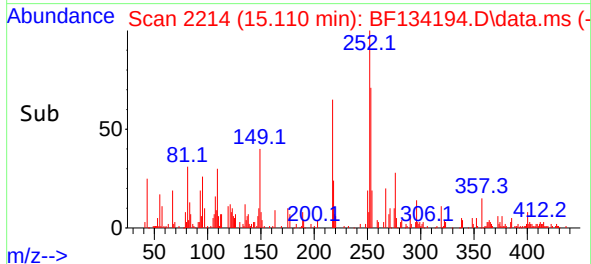
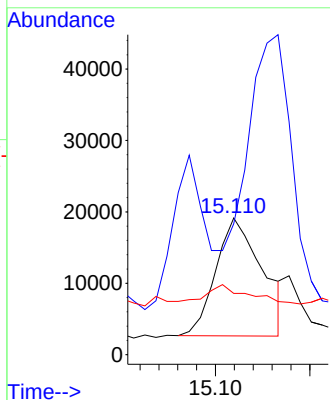
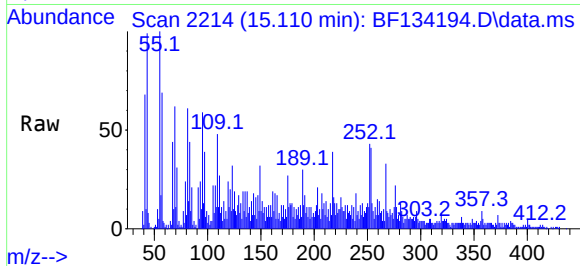




#88
Benzo(b)fluoranthene
Concen: 3.181 ng m
RT: 15.110 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Instrument :
BNA_F
ClientSampleId :
CP-2

Tgt Ion:252 Resp: 28257
Ion Ratio Lower Upper
252 100
253 95.7 17.4 26.0#
125 44.9 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 2.878 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134194.D
Acq: 10 Jul 2023 19:31

Tgt Ion:252 Resp: 24716
Ion Ratio Lower Upper
252 100
253 48.2 17.4 26.0#
125 39.3 8.4 12.6#

