

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135344.D
 Acq On : 19 Sep 2023 20:01
 Operator : CG\JU
 Sample : 04460-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDE

Quant Time: Sep 20 01:38:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

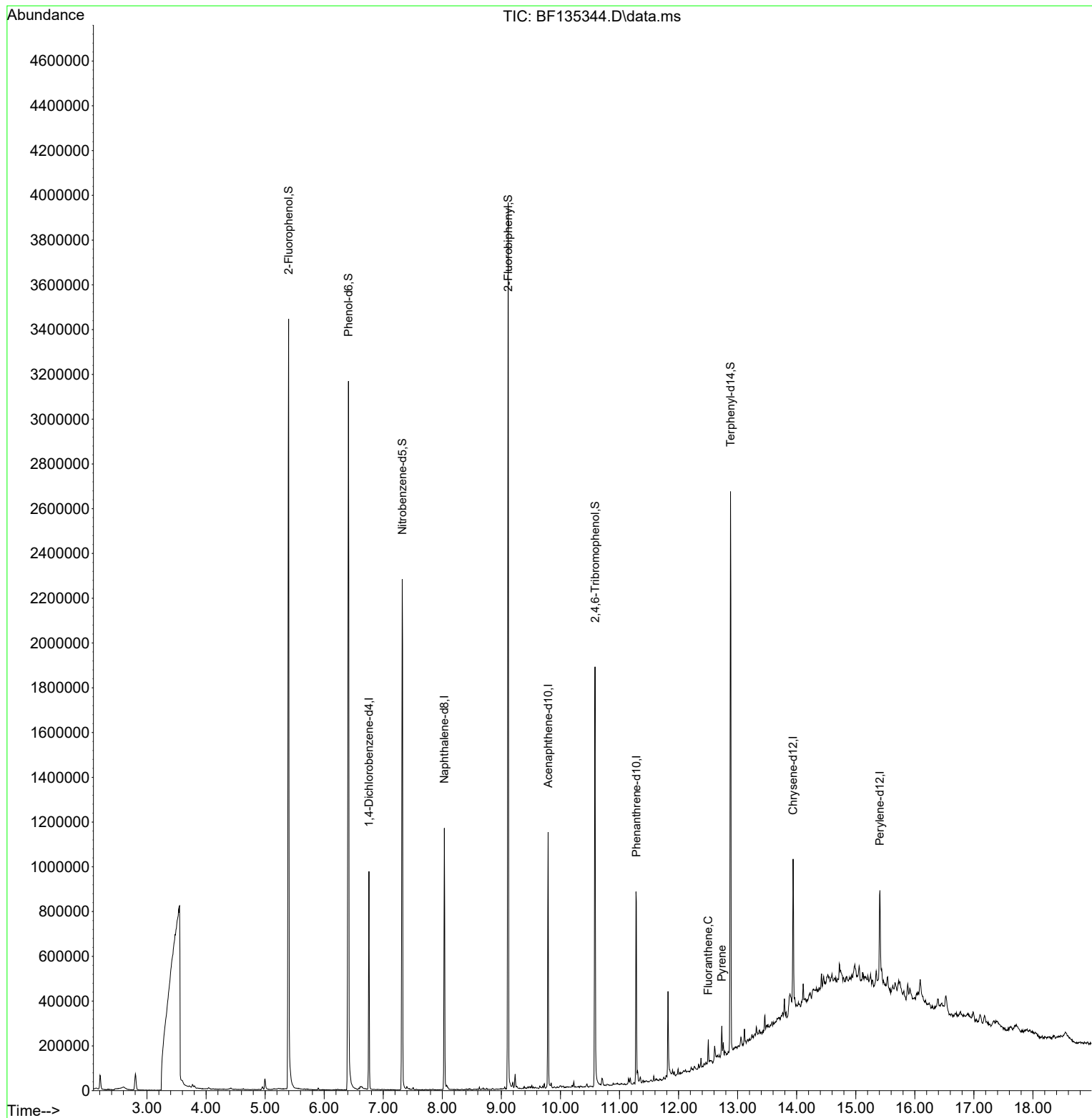
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	131394	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	481359	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	210037	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	340697	20.000	ng	0.00
76) Chrysene-d12	13.939	240	226554	20.000	ng	0.00
86) Perylene-d12	15.410	264	210687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	995187	123.188	ng	0.01
7) Phenol-d6	6.410	99	1254831	122.156	ng	0.00
23) Nitrobenzene-d5	7.322	82	787127	88.840	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	219826	105.318	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1235795	88.769	ng	-0.01
79) Terphenyl-d14	12.880	244	954269	65.296	ng	-0.01
Target Compounds						
75) Fluoranthene	12.504	202	41629	2.479	ng	97
78) Pyrene	12.733	202	48392	2.244	ng	97

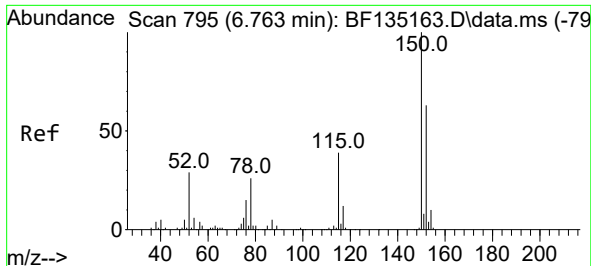
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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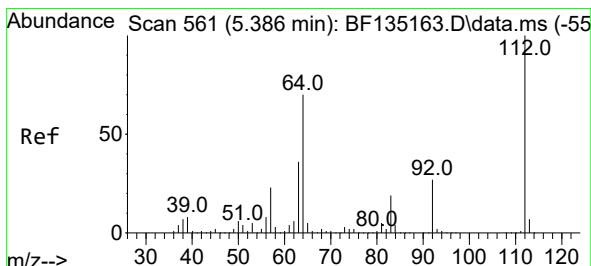
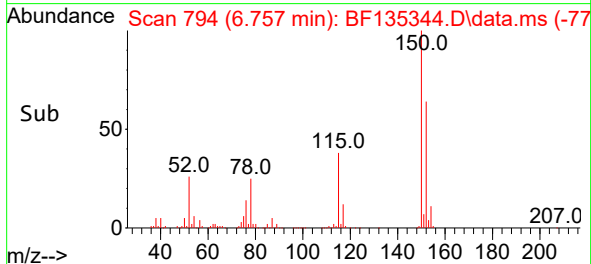
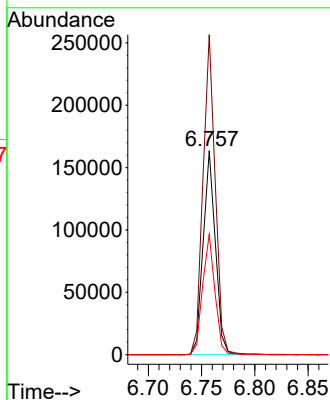
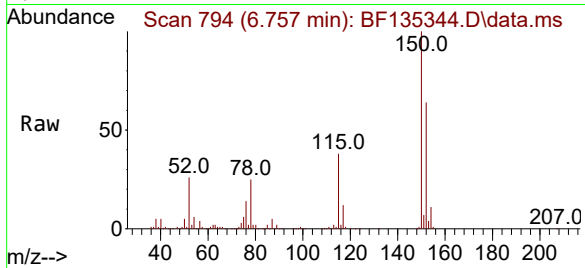




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

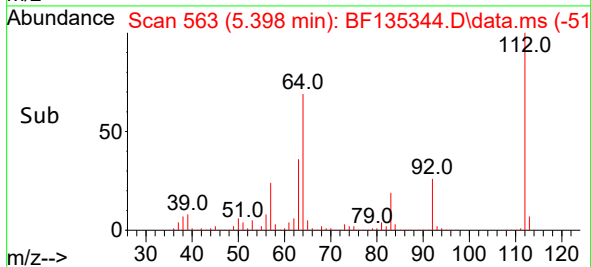
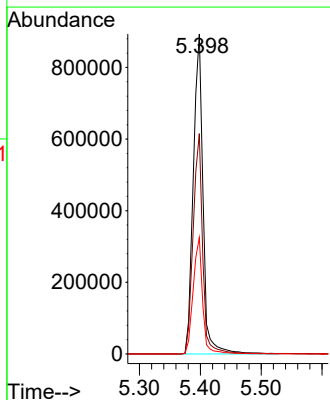
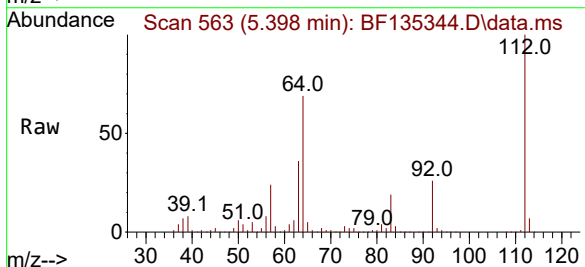
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

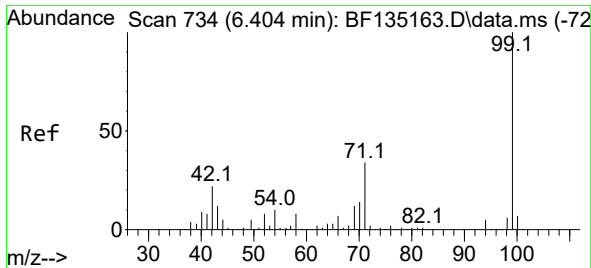
Tgt Ion:152 Resp: 131394
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 123.188 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:112 Resp: 995187
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.4 29.0 43.6

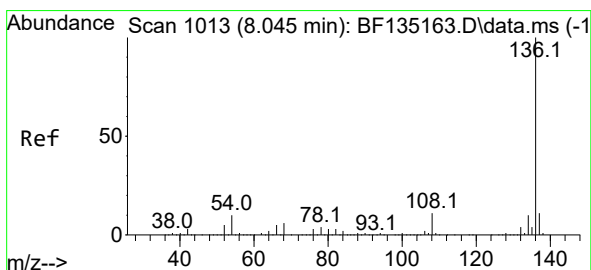
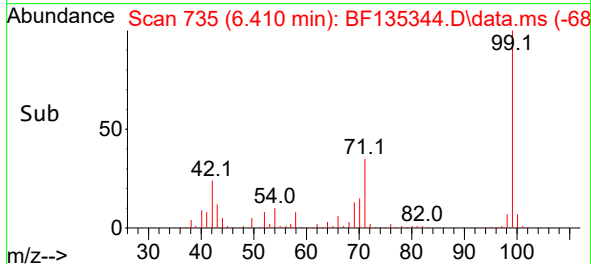
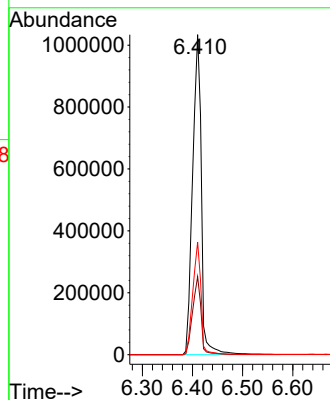
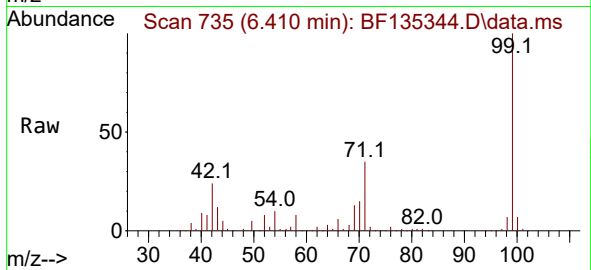




#7
Phenol-d6
Concen: 122.156 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

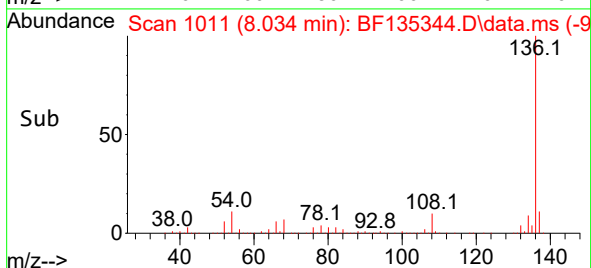
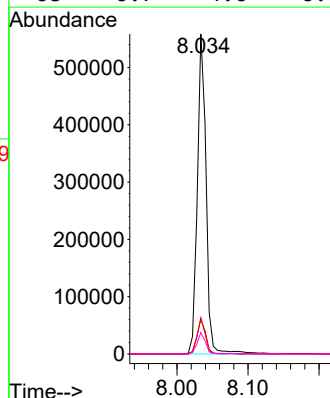
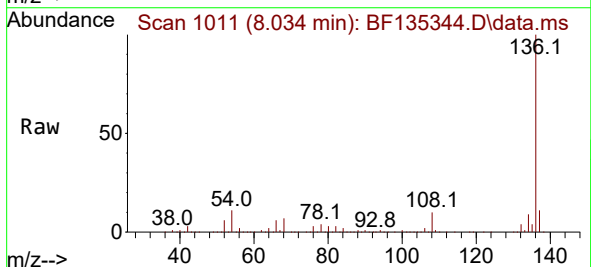
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

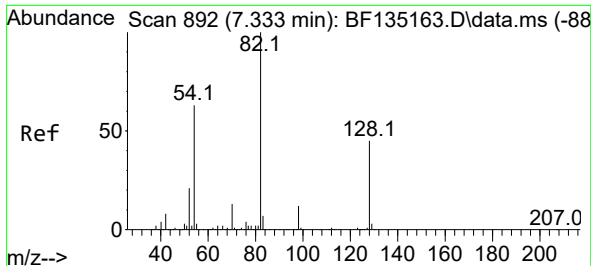
Tgt Ion: 99 Resp: 1254831
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 35.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion: 136 Resp: 481359
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.3 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.840 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

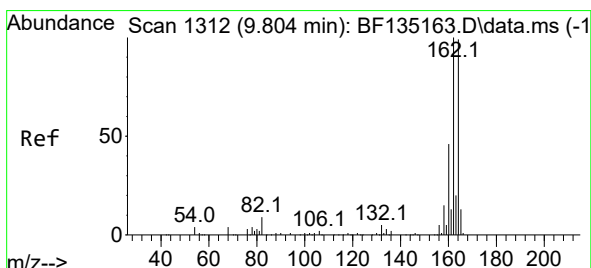
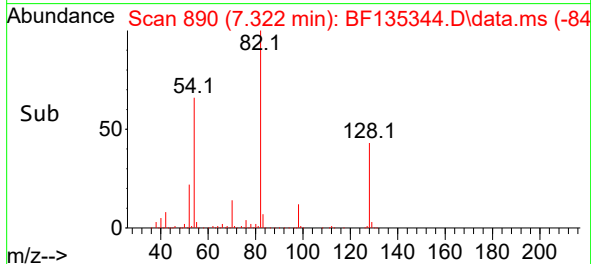
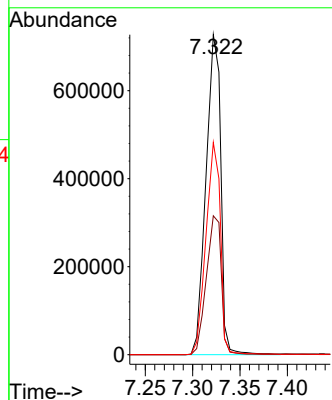
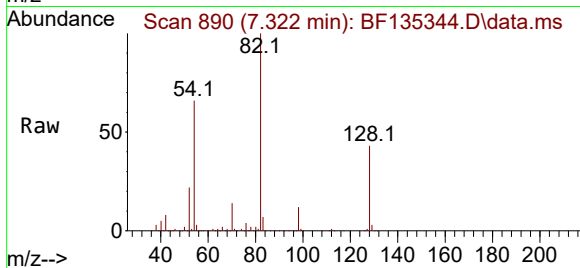
Tgt Ion: 82 Resp: 787127

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 66.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

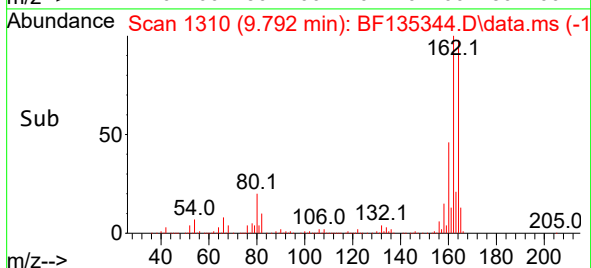
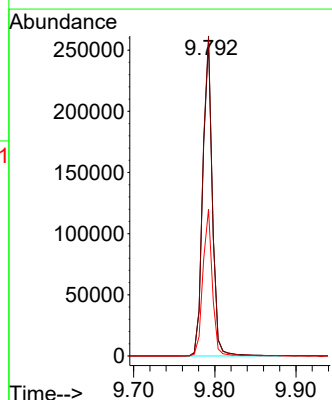
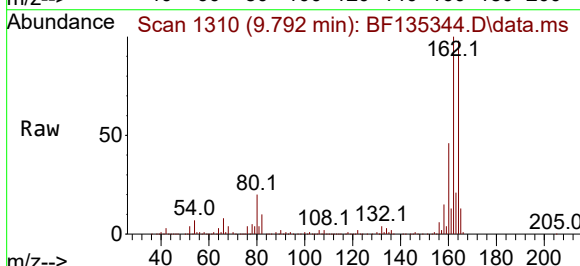
Tgt Ion: 164 Resp: 210037

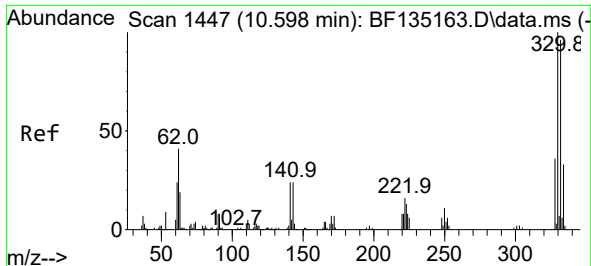
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 46.6 37.0 55.4

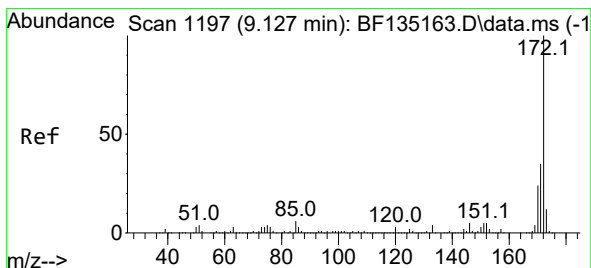
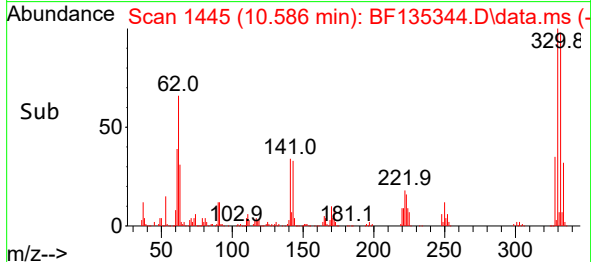
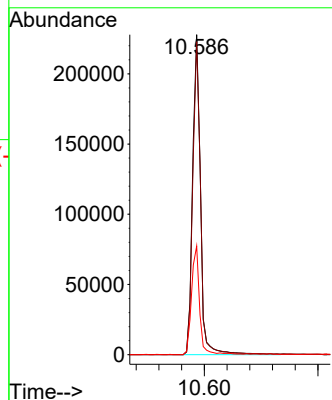
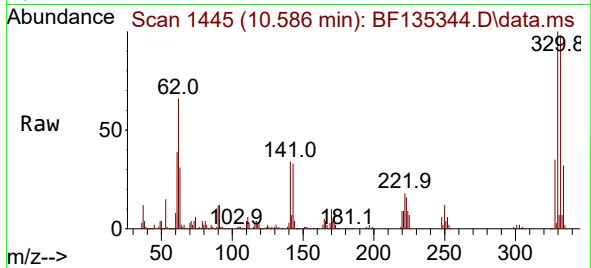




#42
2,4,6-Tribromophenol
Concen: 105.318 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

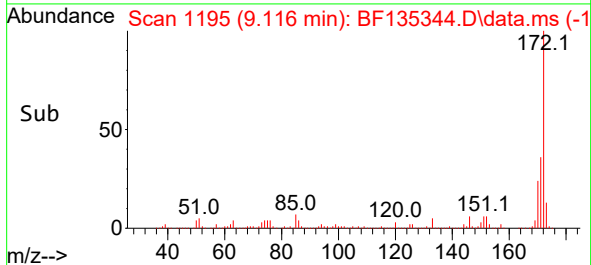
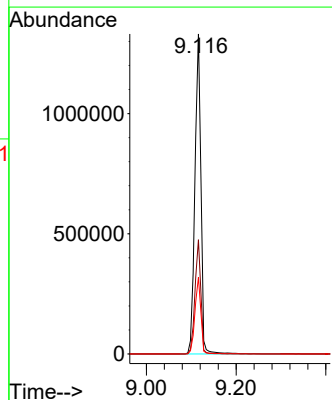
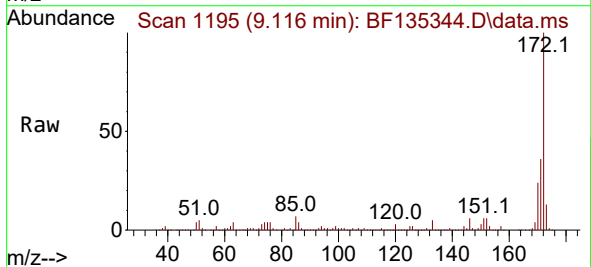
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

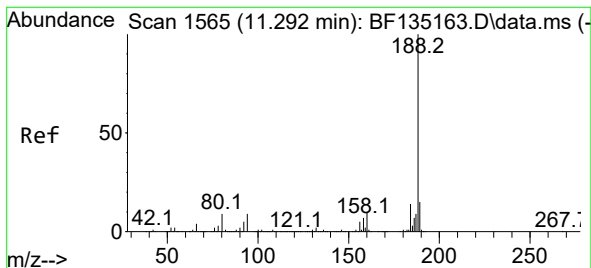
Tgt Ion:330 Resp: 219826
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.769 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:172 Resp: 1235795
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

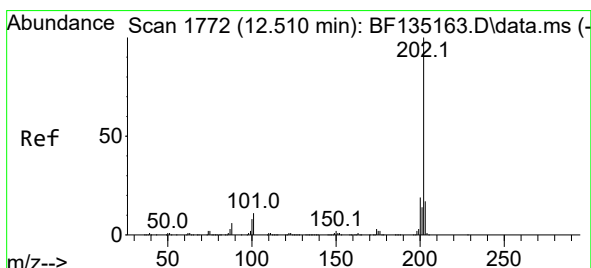
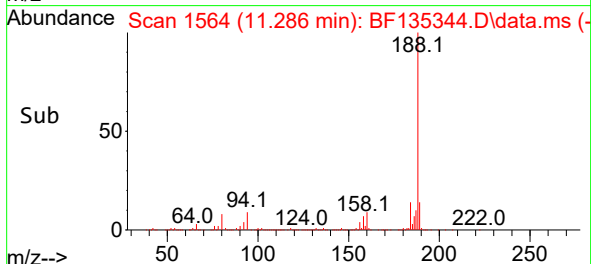
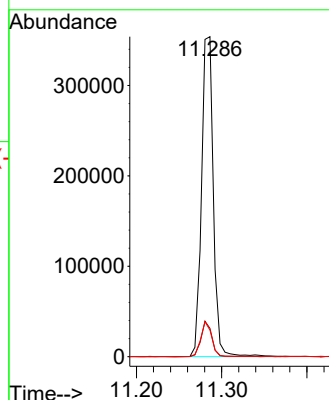
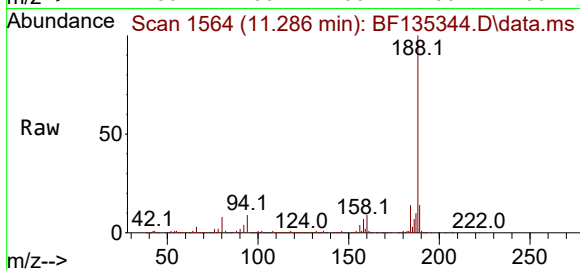
Tgt Ion:188 Resp: 340697

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 8.3 7.5 11.3



#75

Fluoranthene

Concen: 2.479 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

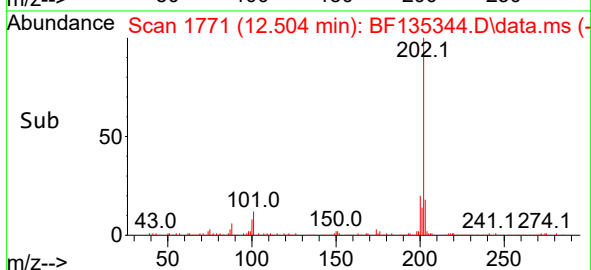
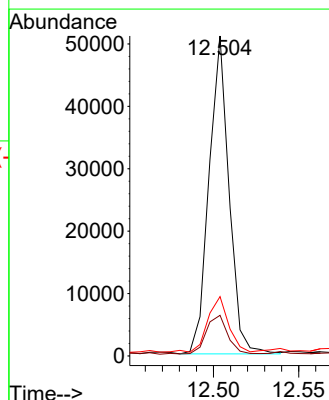
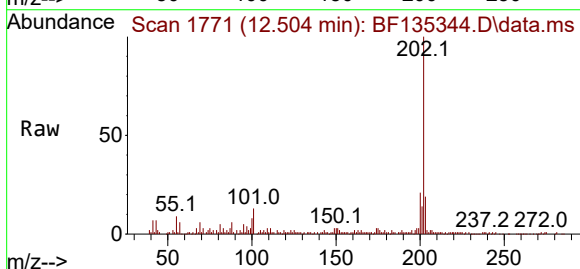
Tgt Ion:202 Resp: 41629

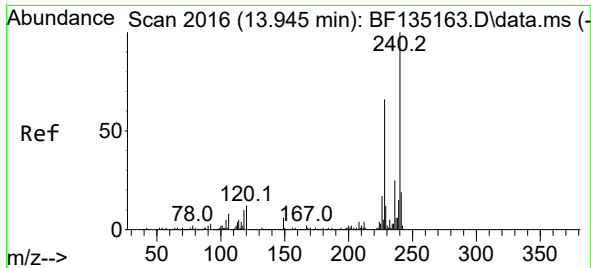
Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.3

203 18.6 0.0 37.4

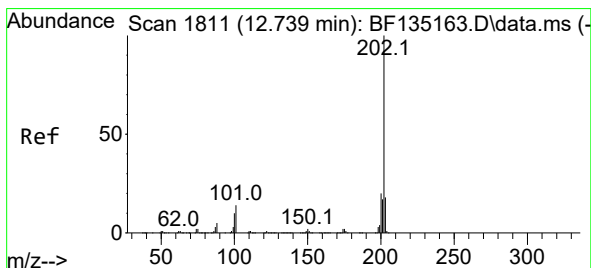
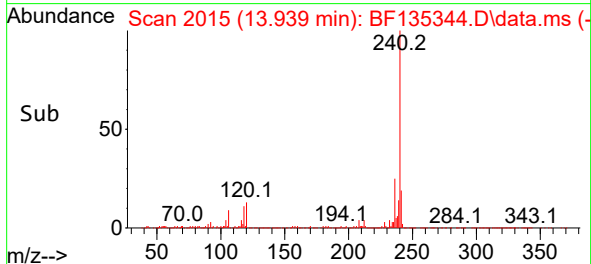
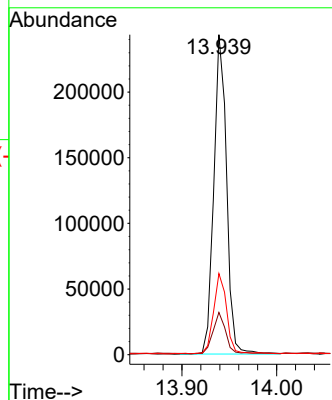
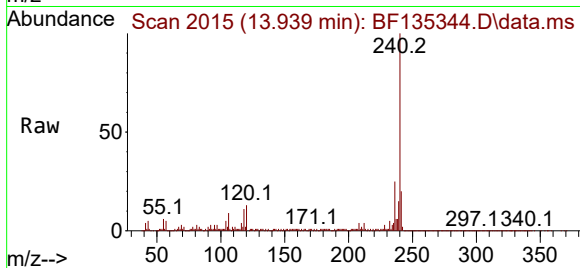




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

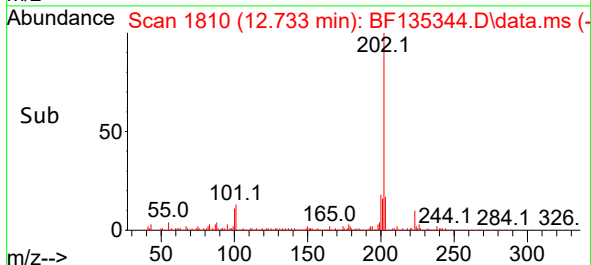
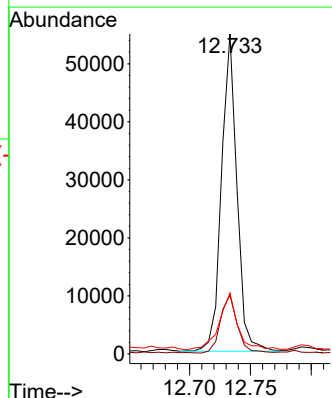
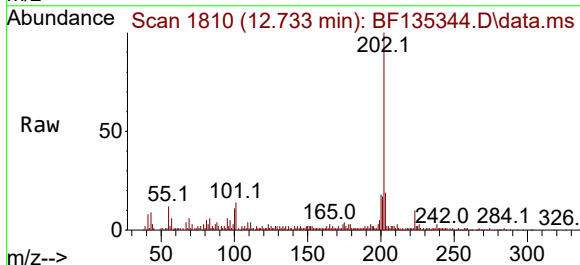
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

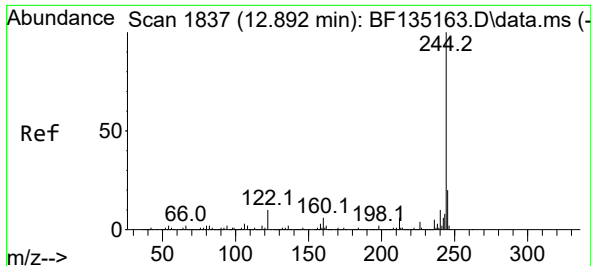
Tgt Ion:240 Resp: 226554
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.3 19.8 29.8



#78
Pyrene
Concen: 2.244 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:202 Resp: 48392
Ion Ratio Lower Upper
202 100
200 18.4 16.2 24.2
203 19.1 14.2 21.4

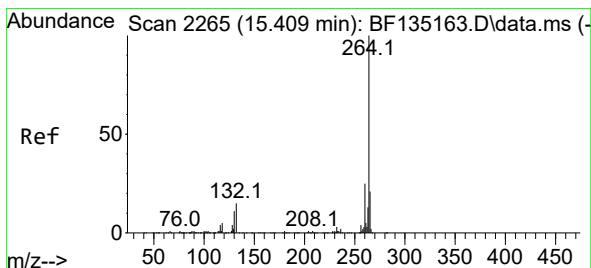
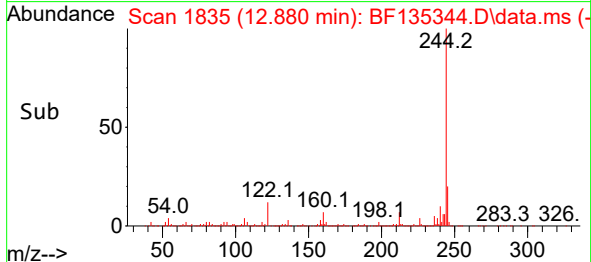
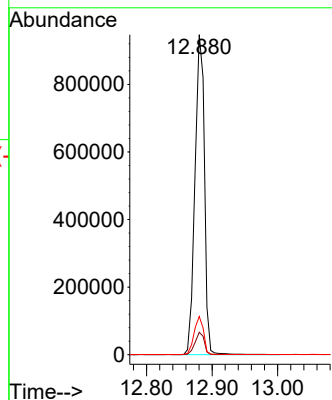
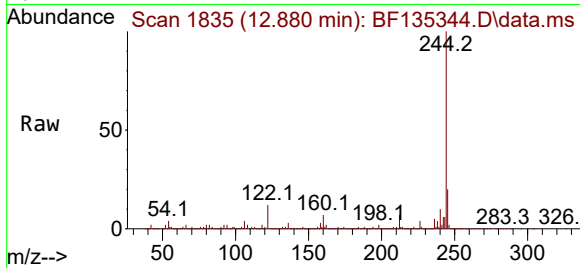




#79
 Terphenyl-d14
 Concen: 65.296 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135344.D
 Acq: 19 Sep 2023 20:01

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDE

Tgt Ion:244 Resp: 954269
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135344.D
 Acq: 19 Sep 2023 20:01

Tgt Ion:264 Resp: 210687
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.8 29.6
 265 21.3 17.0 25.4

