

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135567.D
 Acq On : 04 Oct 2023 12:53
 Operator : CG\JU
 Sample : 04652-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS2-COMP

Quant Time: Oct 04 17:20:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	133281	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	501472	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	228060	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	467204	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	250882	20.000	ng	0.00
86) Perylene-d12	15.386	264	84782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	989789	120.785	ng	0.01
7) Phenol-d6	6.387	99	1099286	105.498	ng	0.00
23) Nitrobenzene-d5	7.304	82	813020	88.082	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	328758	145.060	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1389772	91.940	ng	0.00
79) Terphenyl-d14	12.863	244	1534818	94.836	ng	0.00

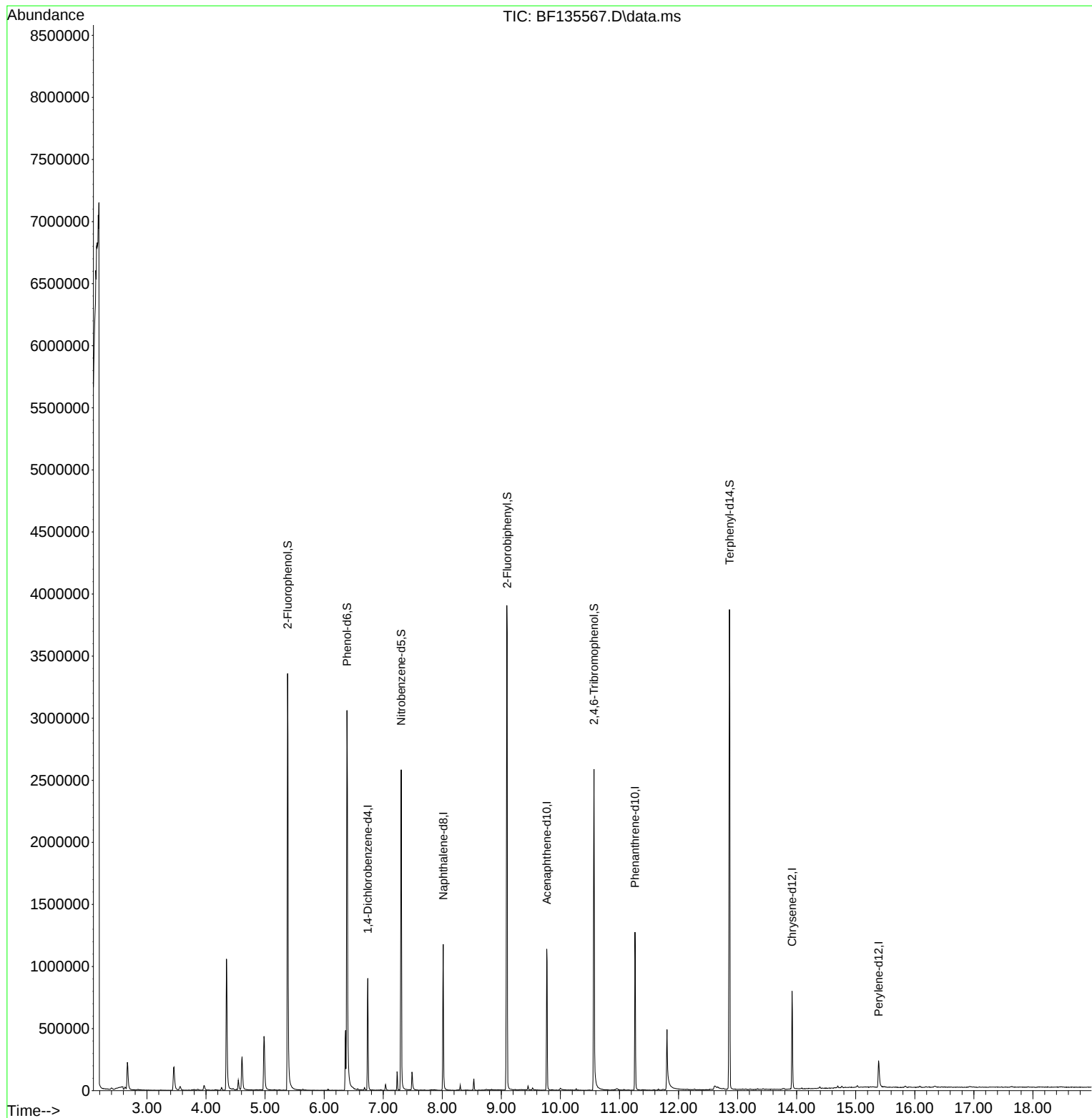
Target Compounds	Qvalue

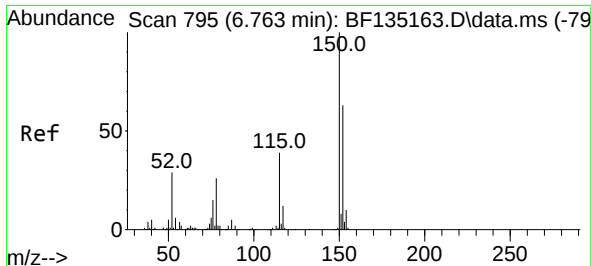
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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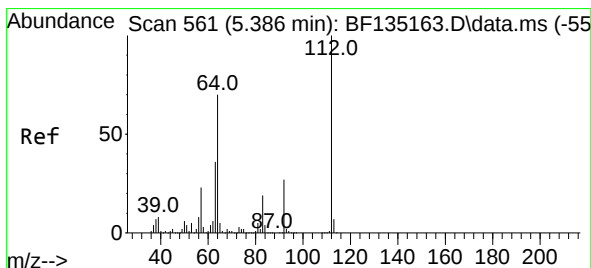
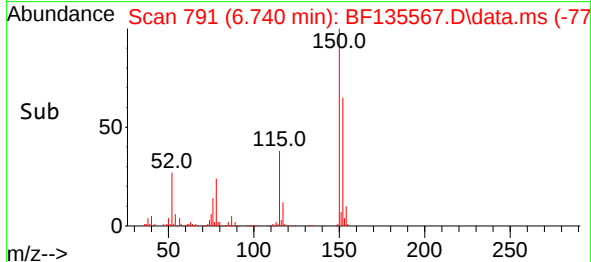
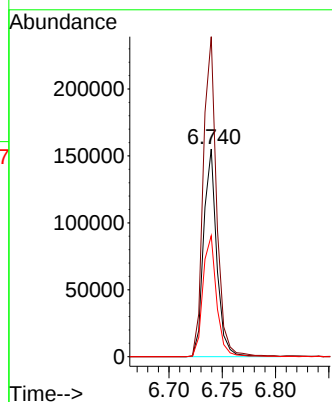
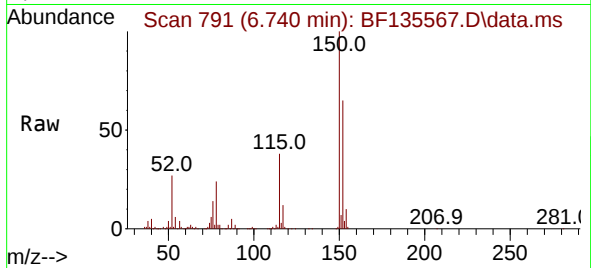




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135567.D
Acq: 04 Oct 2023 12:53

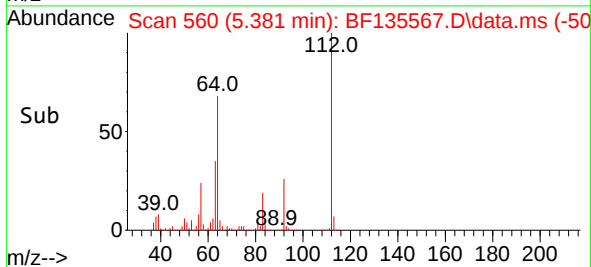
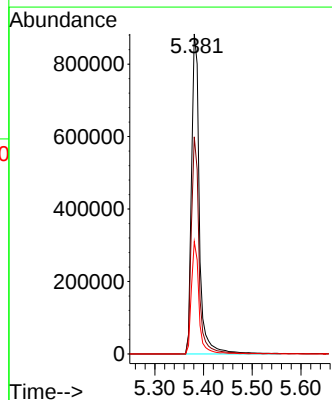
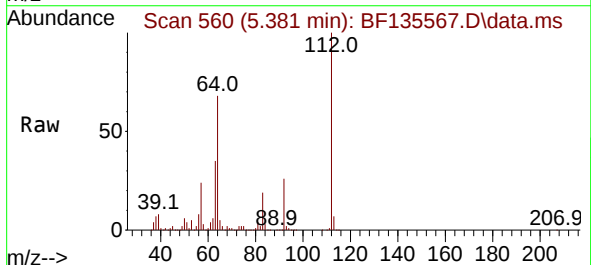
Instrument :
BNA_F
ClientSampleId :
IS2-COMP

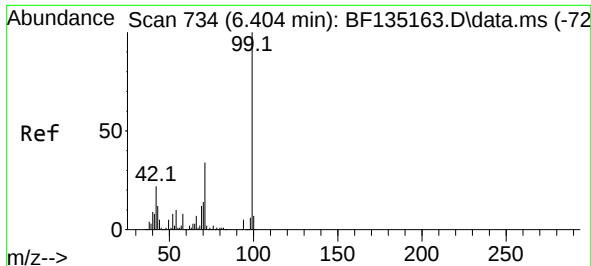
Tgt Ion:152 Resp: 133281
Ion Ratio Lower Upper
152 100
150 154.1 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 120.785 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135567.D
Acq: 04 Oct 2023 12:53

Tgt Ion:112 Resp: 989789
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 35.1 29.0 43.6





#7

Phenol-d6

Concen: 105.498 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

Instrument :

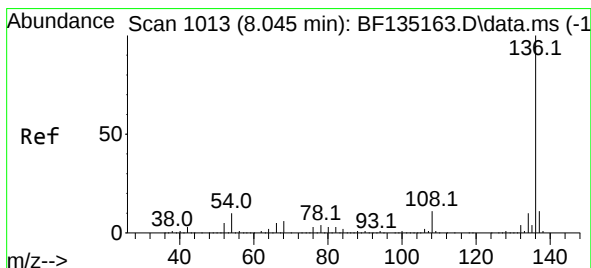
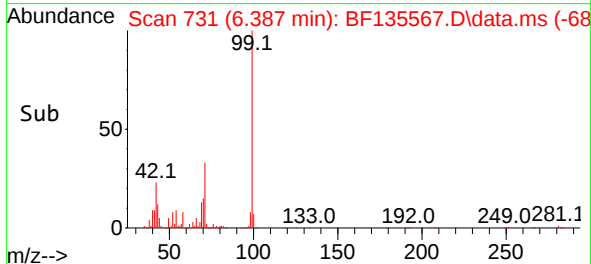
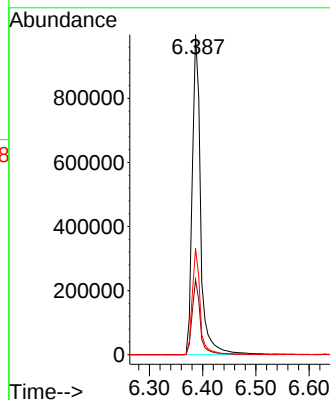
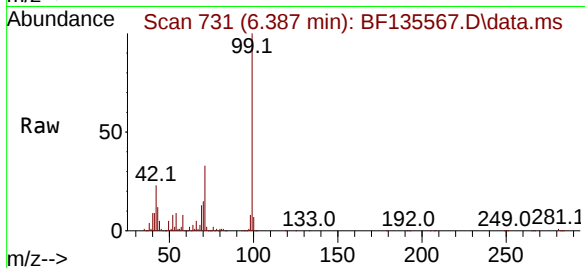
BNA_F

ClientSampleId :

IS2-COMP

Tgt Ion: 99 Resp: 1099286

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	33.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

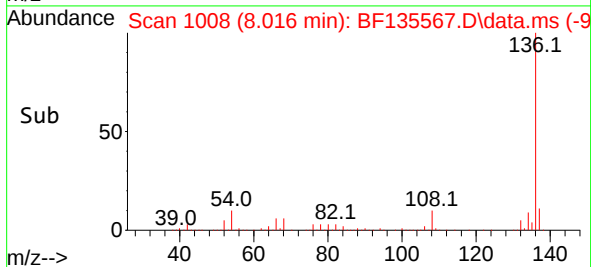
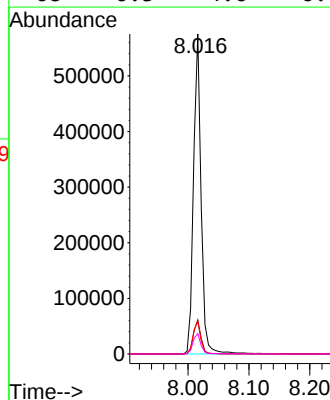
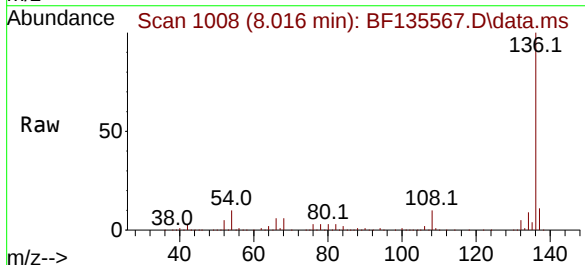
Delta R.T. 0.000 min

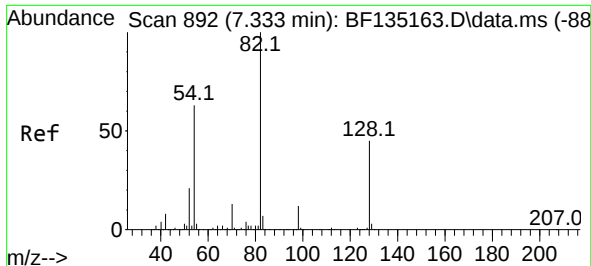
Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

Tgt Ion: 136 Resp: 501472

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.1	7.7	11.5
68	6.3	4.6	6.8

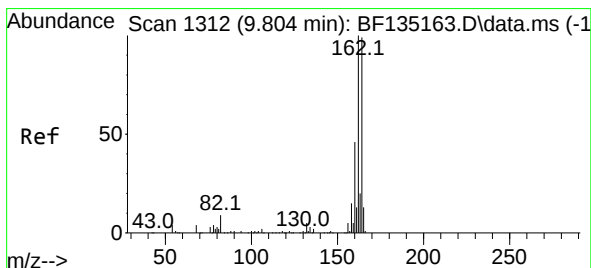
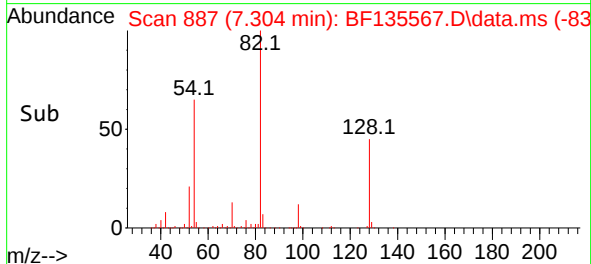
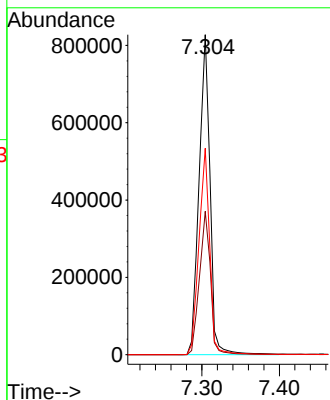
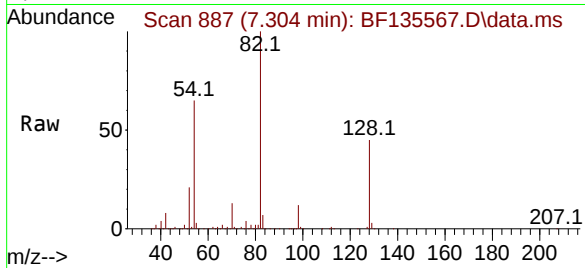




#23
Nitrobenzene-d5
Concen: 88.082 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135567.D
Acq: 04 Oct 2023 12:53

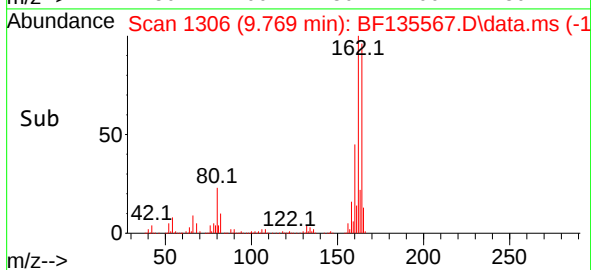
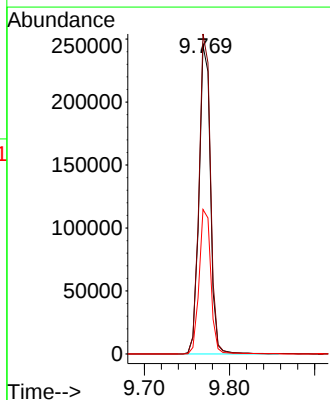
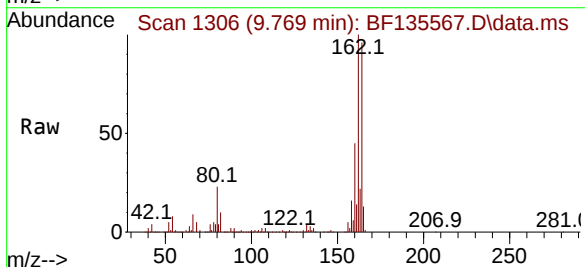
Instrument :
BNA_F
ClientSampleId :
IS2-COMP

Tgt Ion: 82 Resp: 813020
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 64.5 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135567.D
Acq: 04 Oct 2023 12:53

Tgt Ion: 164 Resp: 228060
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.4
160 46.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 145.060 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

Instrument :

BNA_F

ClientSampleId :

IS2-COMP

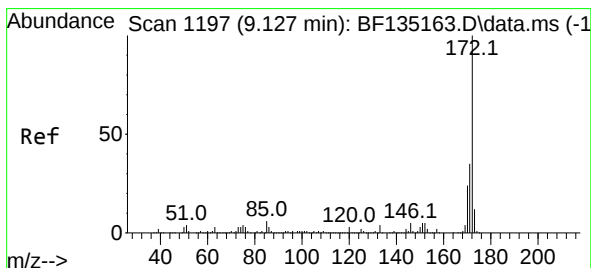
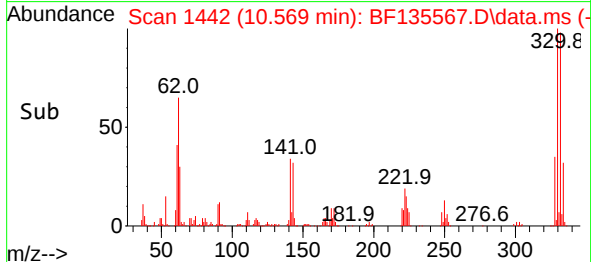
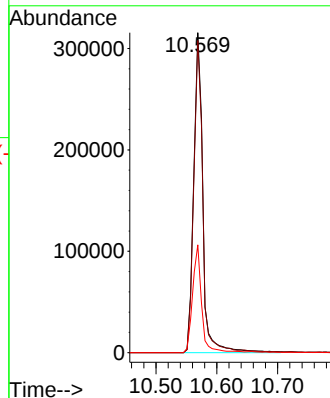
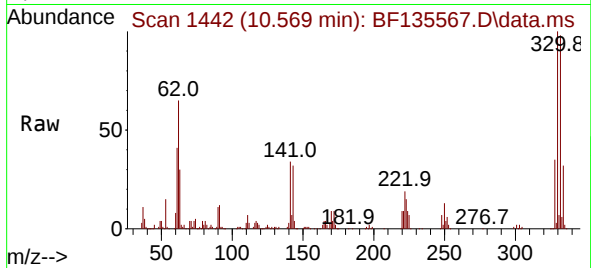
Tgt Ion:330 Resp: 328758

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.940 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

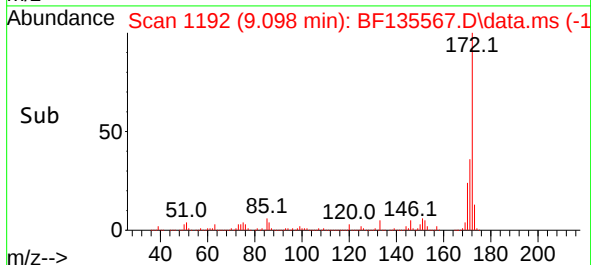
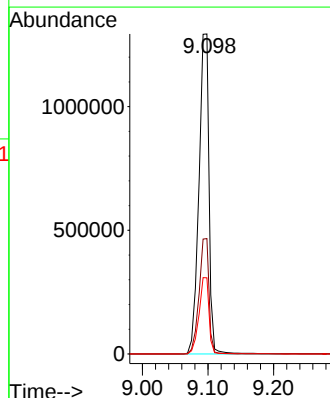
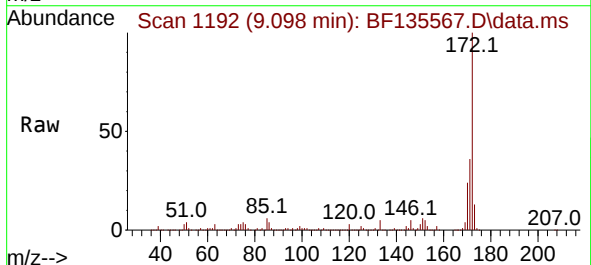
Tgt Ion:172 Resp: 1389772

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

Instrument :

BNA_F

ClientSampleId :

IS2-COMP

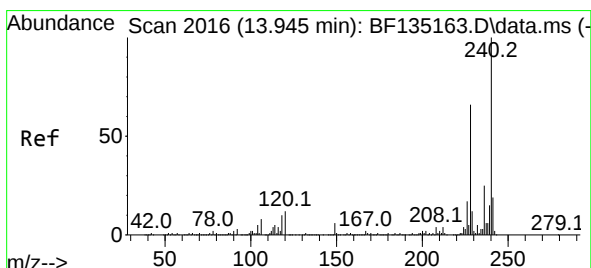
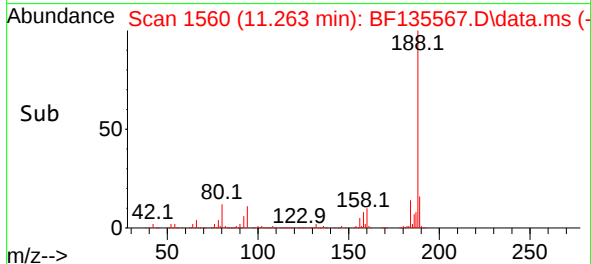
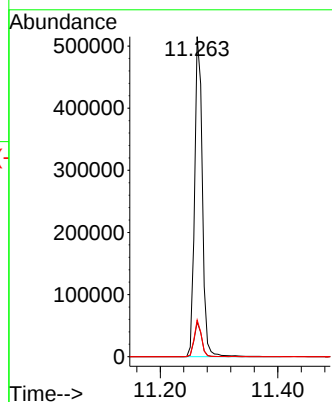
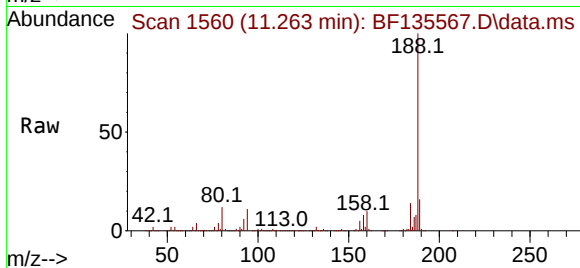
Tgt Ion:188 Resp: 467204

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135567.D

Acq: 04 Oct 2023 12:53

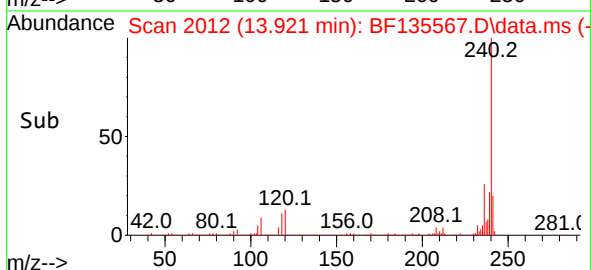
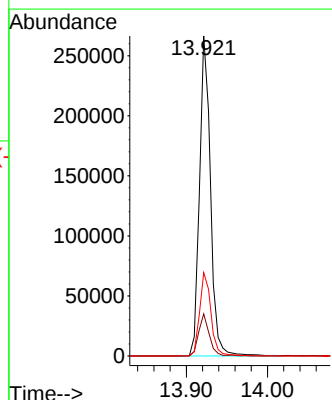
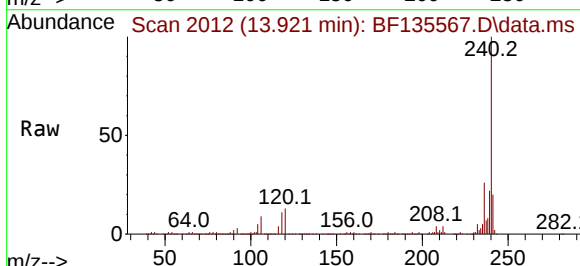
Tgt Ion:240 Resp: 250882

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

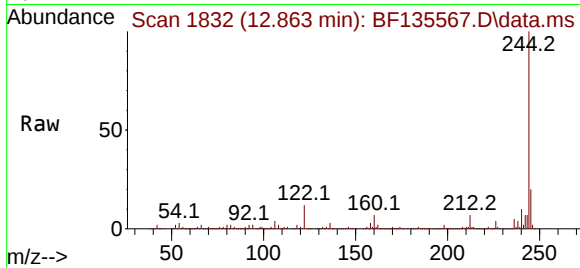
236 26.0 19.8 29.8



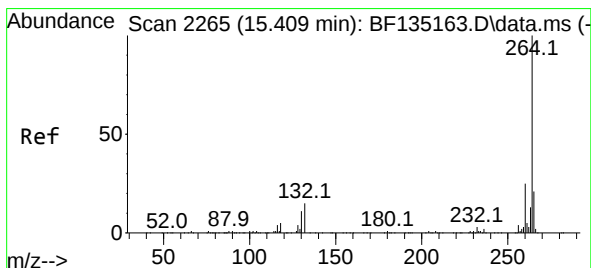
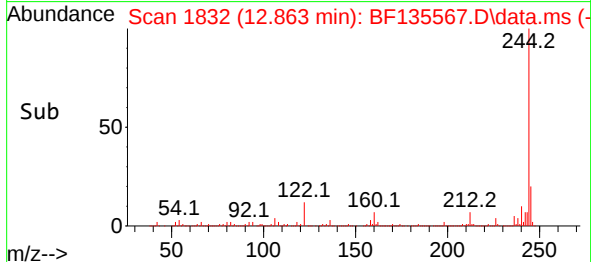
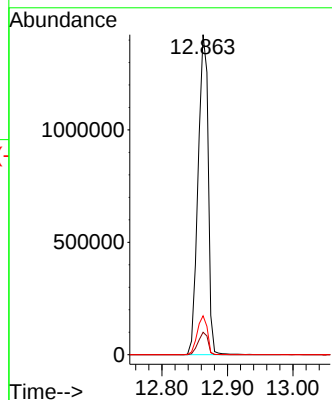


#79
 Terphenyl-d14
 Concen: 94.836 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135567.D
 Acq: 04 Oct 2023 12:53

Instrument :
 BNA_F
 ClientSampleId :
 IS2-COMP



Tgt Ion:244 Resp: 1534818
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135567.D
 Acq: 04 Oct 2023 12:53

Tgt Ion:264 Resp: 84782
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.8 29.6
 265 21.0 17.0 25.4

