

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135570.D
 Acq On : 04 Oct 2023 14:29
 Operator : CG\JU
 Sample : 04652-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS5-COMP

Quant Time: Oct 04 17:41:12 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	130077	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	485938	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	258463	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	499011	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	304316	20.000	ng	0.00
86) Perylene-d12	15.386	264	258535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	955861	119.518	ng	0.01
7) Phenol-d6	6.387	99	1133940	111.505	ng	0.00
23) Nitrobenzene-d5	7.304	82	800082	89.452	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	328847	128.031	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1375065	80.266	ng	0.00
79) Terphenyl-d14	12.863	244	1603050	81.660	ng	0.00

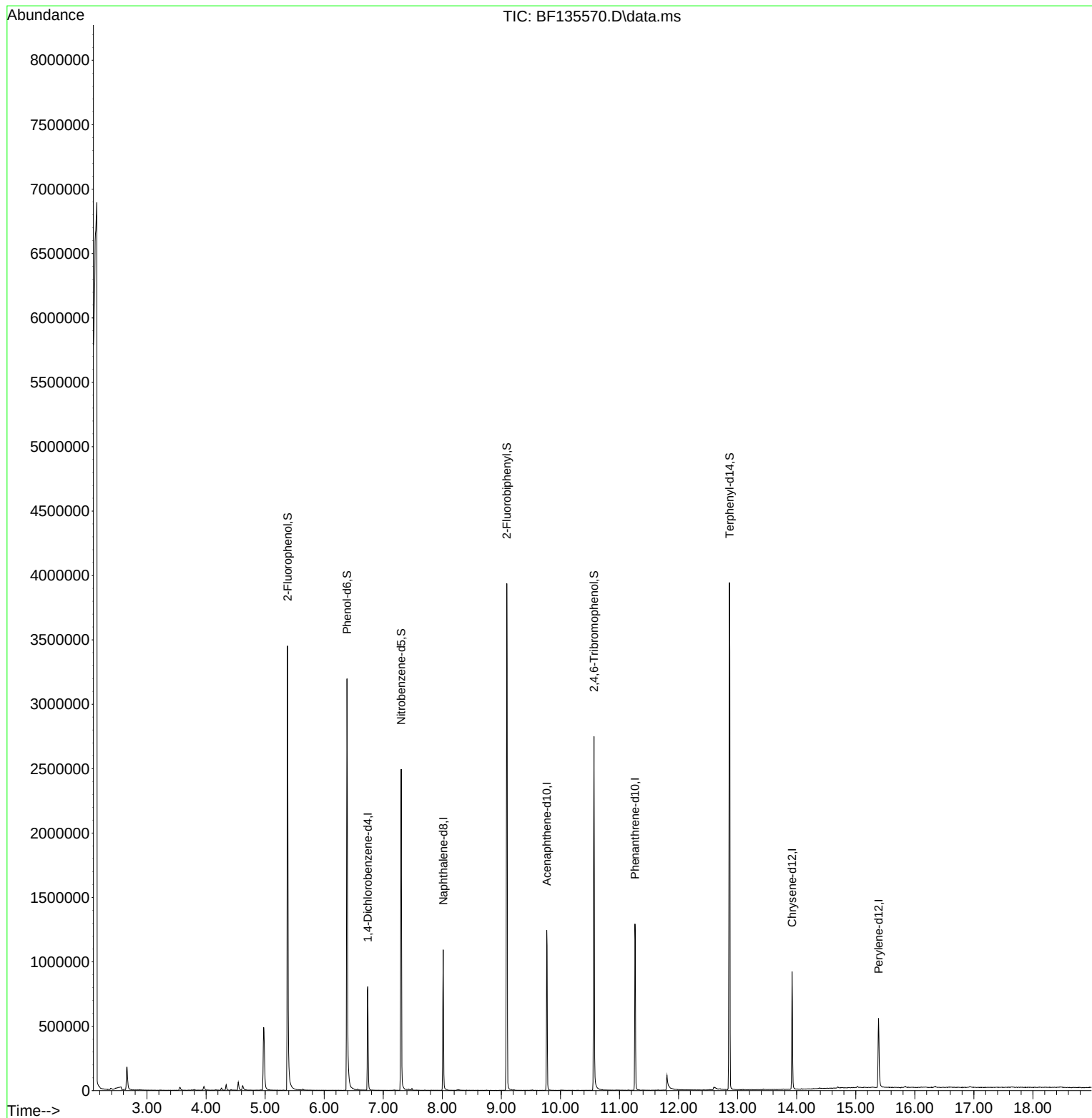
Target Compounds	Qvalue

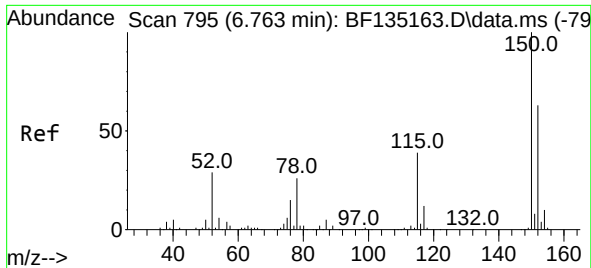
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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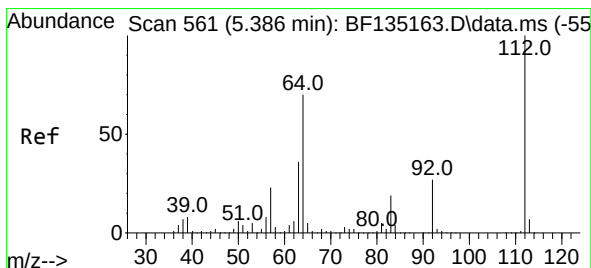
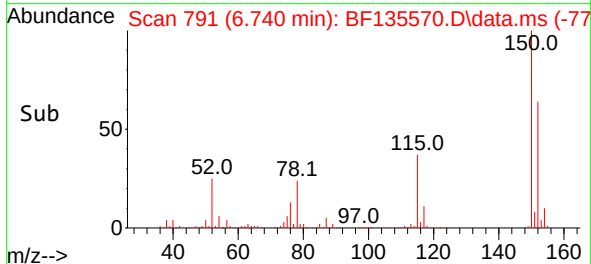
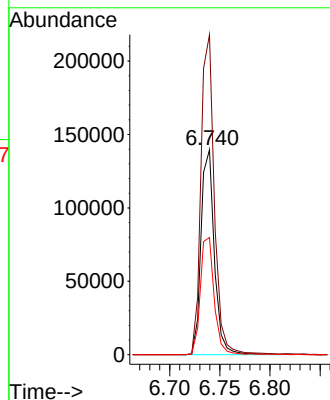
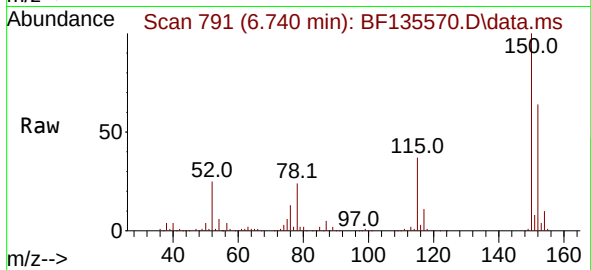




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 795
 Delta R.T. 0.001 min
 Lab File: BF135570.D
 Acq: 04 Oct 2023 14:29

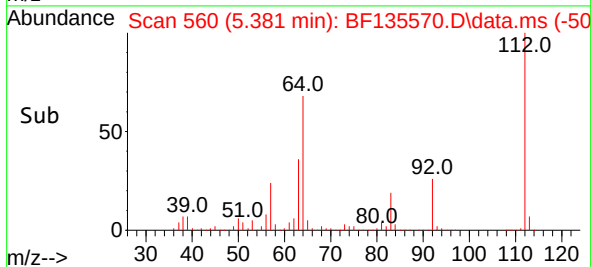
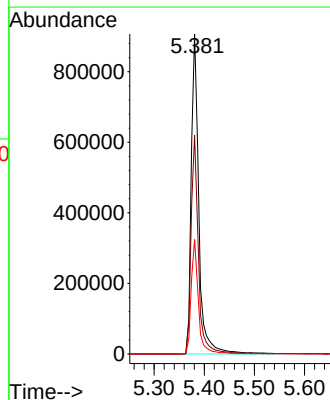
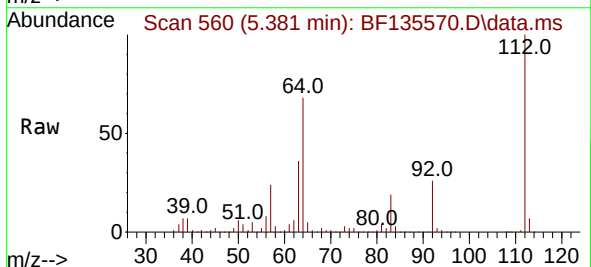
Instrument :
 BNA_F
 ClientSampleId :
 IS5-COMP

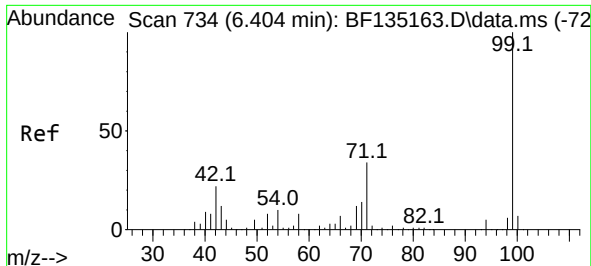
Tgt Ion:152 Resp: 130077
 Ion Ratio Lower Upper
 152 100
 150 156.1 127.8 191.6
 115 57.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 119.518 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: BF135570.D
 Acq: 04 Oct 2023 14:29

Tgt Ion:112 Resp: 955861
 Ion Ratio Lower Upper
 112 100
 64 68.4 55.9 83.9
 63 35.7 29.0 43.6





#7

Phenol-d6

Concen: 111.505 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

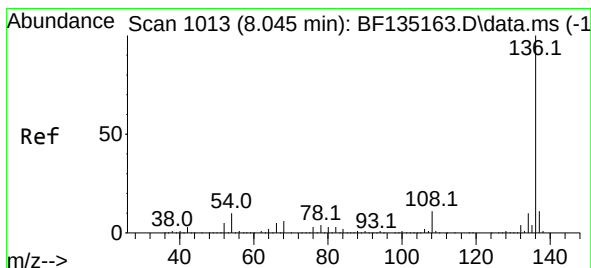
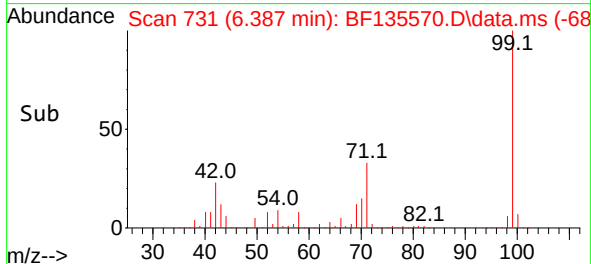
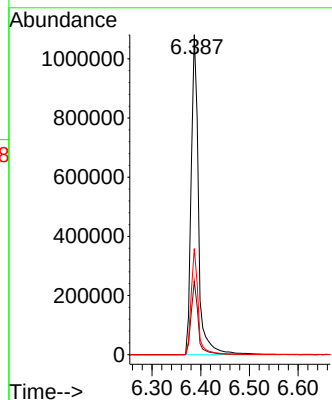
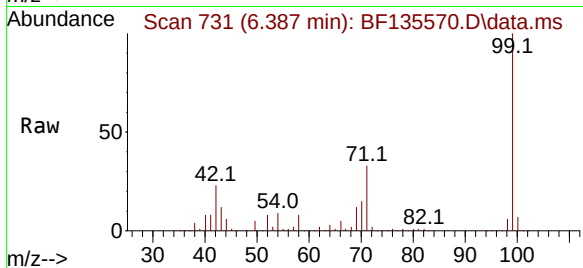
BNA_F

ClientSampleId :

IS5-COMP

Tgt Ion: 99 Resp: 1133940

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	33.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

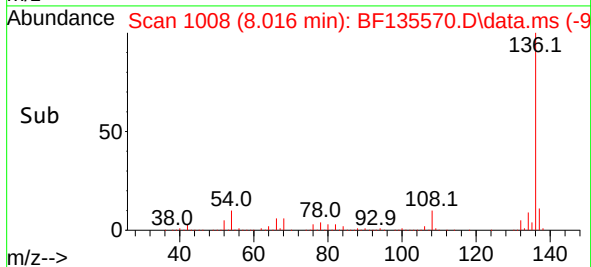
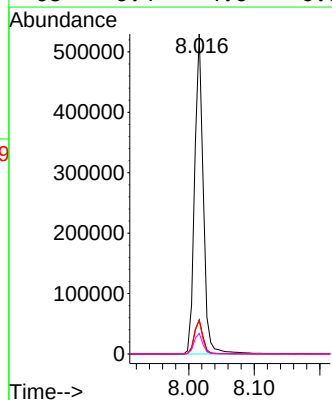
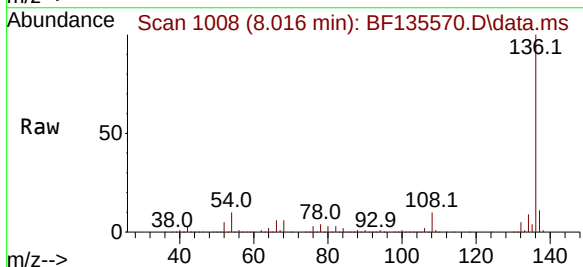
Delta R.T. 0.000 min

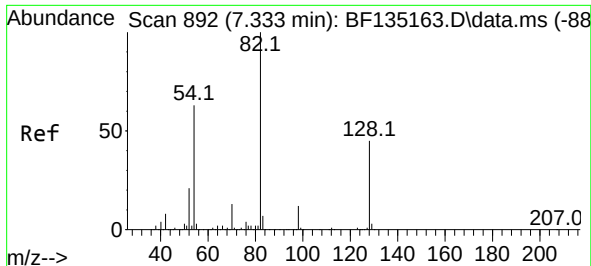
Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Tgt Ion:136 Resp: 485938

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	7.7	11.5
68	6.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 89.452 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

BNA_F

ClientSampleId :

IS5-COMP

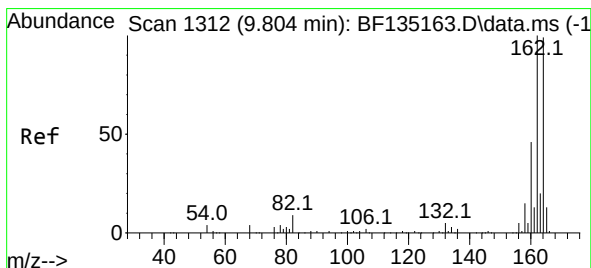
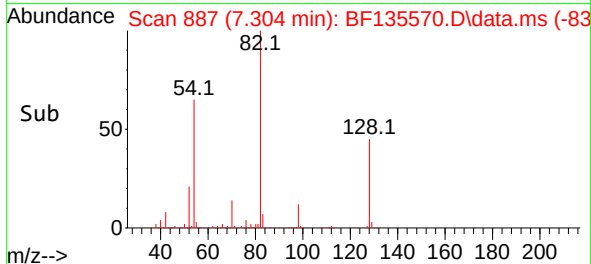
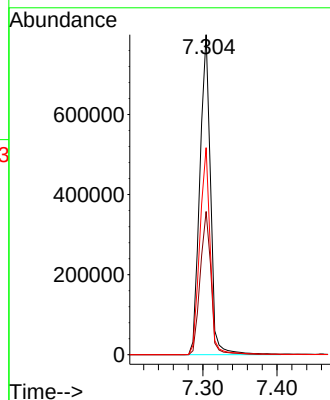
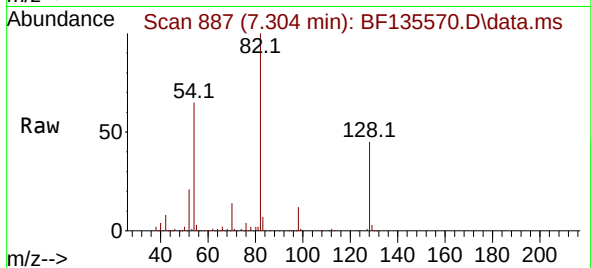
Tgt Ion: 82 Resp: 800082

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

54 64.7 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: BF135570.D

Acq: 04 Oct 2023 14:29

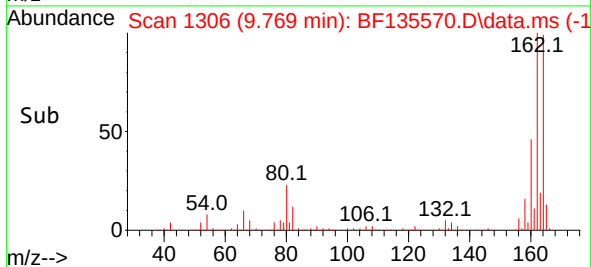
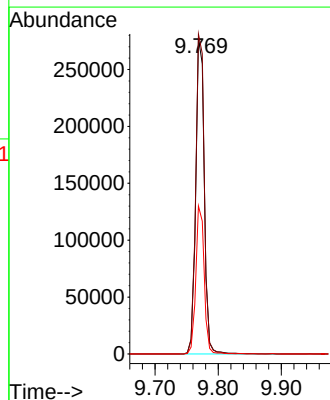
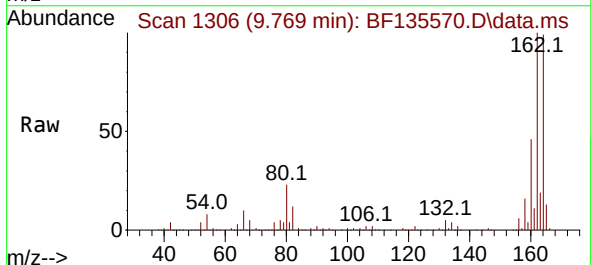
Tgt Ion:164 Resp: 258463

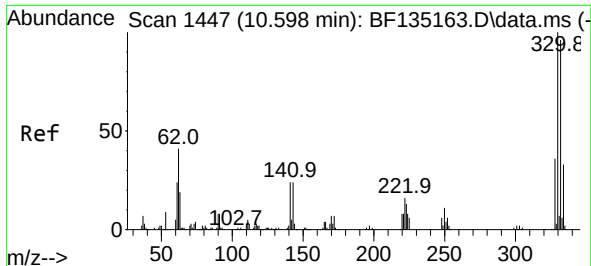
Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

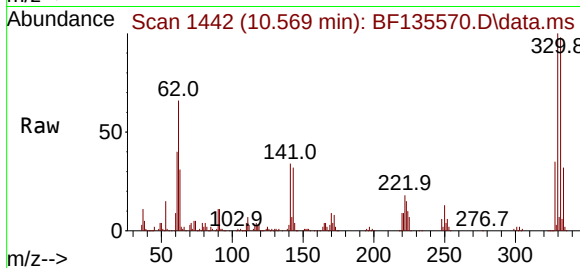
160 46.8 37.0 55.4



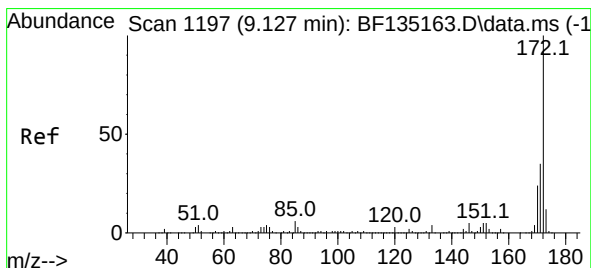
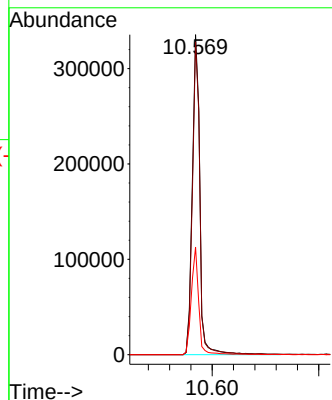
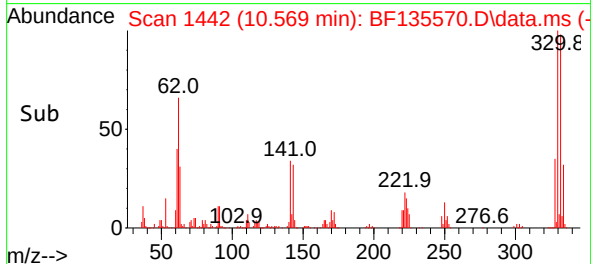


#42
 2,4,6-Tribromophenol
 Concen: 128.031 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF135570.D
 Acq: 04 Oct 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 IS5-COMP

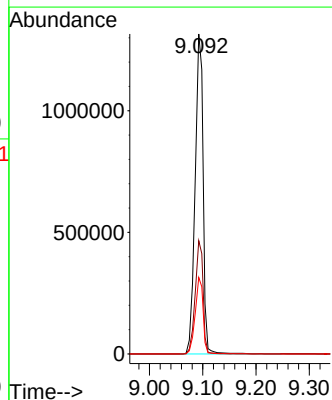
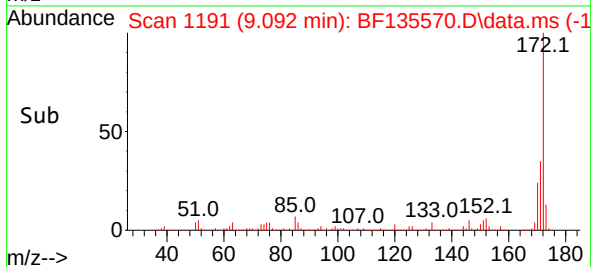
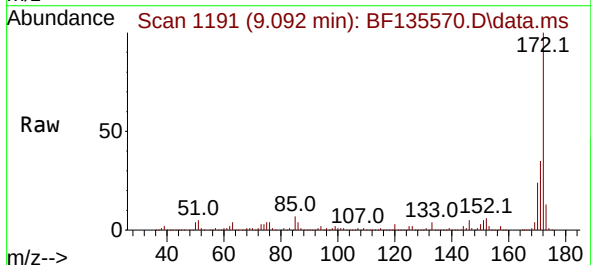


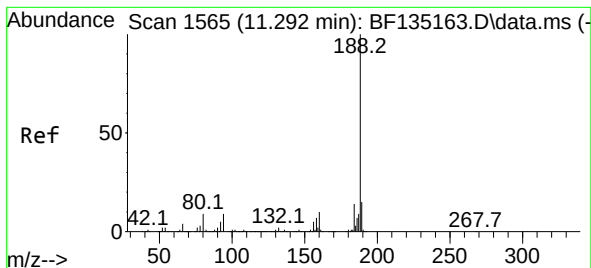
Tgt Ion:330 Resp: 328847
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 33.2 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 80.266 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135570.D
 Acq: 04 Oct 2023 14:29

Tgt Ion:172 Resp: 1375065
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.9 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: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

BNA_F

ClientSampleId :

IS5-COMP

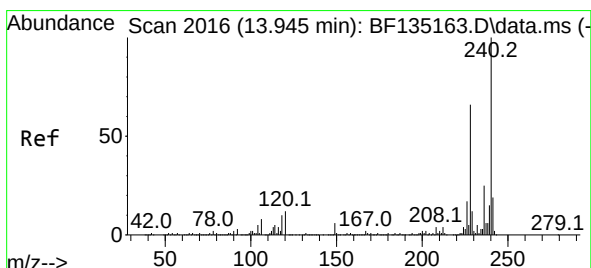
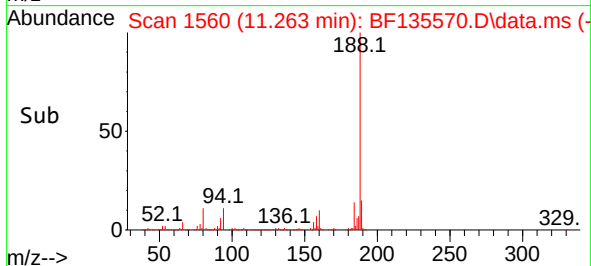
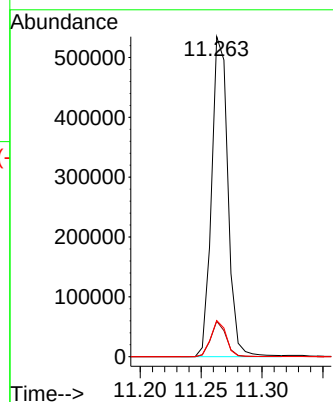
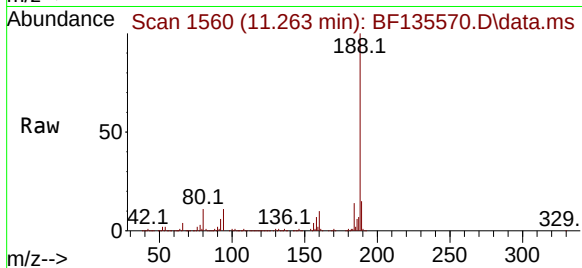
Tgt Ion:188 Resp: 499011

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.3 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: BF135570.D

Acq: 04 Oct 2023 14:29

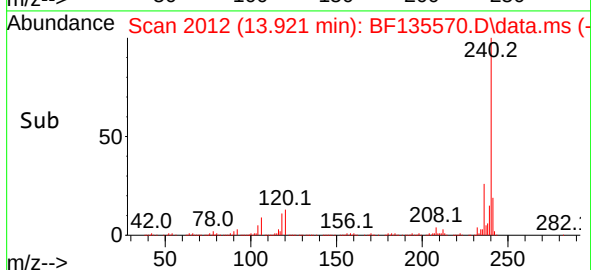
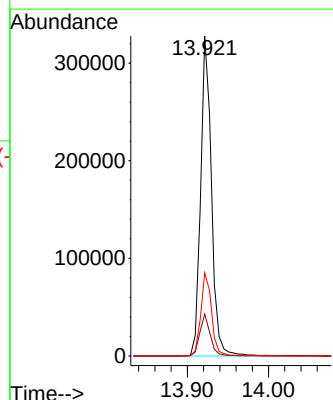
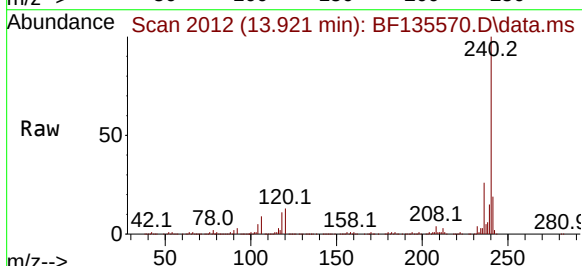
Tgt Ion:240 Resp: 304316

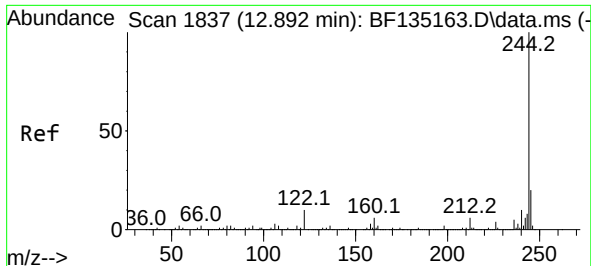
Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

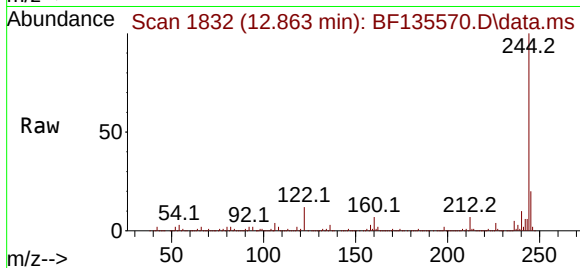
236 26.0 19.8 29.8



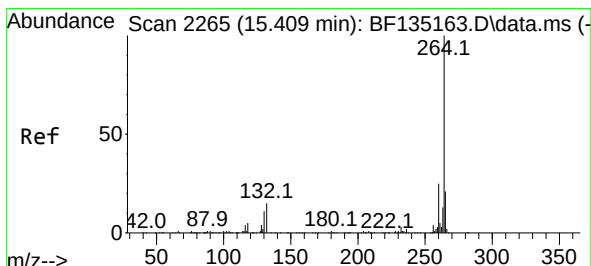
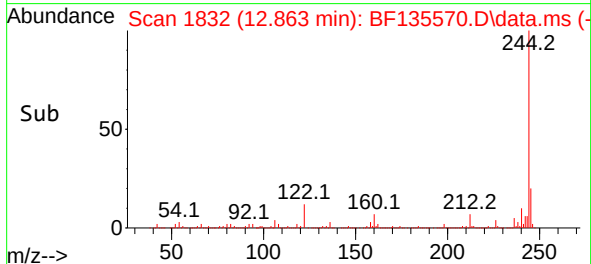
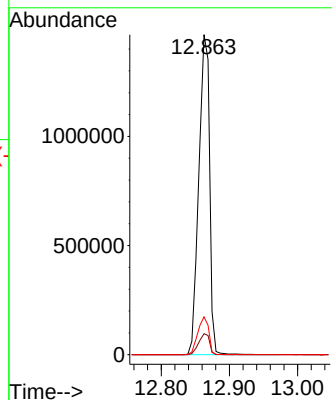


#79
 Terphenyl-d14
 Concen: 81.660 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135570.D
 Acq: 04 Oct 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 IS5-COMP



Tgt Ion:244 Resp: 1603050
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.8 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: BF135570.D
 Acq: 04 Oct 2023 14:29

Tgt Ion:264 Resp: 258535
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.3 17.0 25.4

