

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135569.D
 Acq On : 04 Oct 2023 13:57
 Operator : CG\JU
 Sample : 04652-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS4-COMP

Quant Time: Oct 04 17:37:08 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	137675	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	548908	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	221573	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	497506	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	218792	20.000	ng	0.00
86) Perylene-d12	15.386	264	40714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1055036	124.638	ng	0.02
7) Phenol-d6	6.393	99	1101586	102.345	ng	0.00
23) Nitrobenzene-d5	7.304	82	877131	86.816	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	330638	150.160	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1457677	99.255	ng	0.00
79) Terphenyl-d14	12.863	244	1481756	104.986	ng	0.00

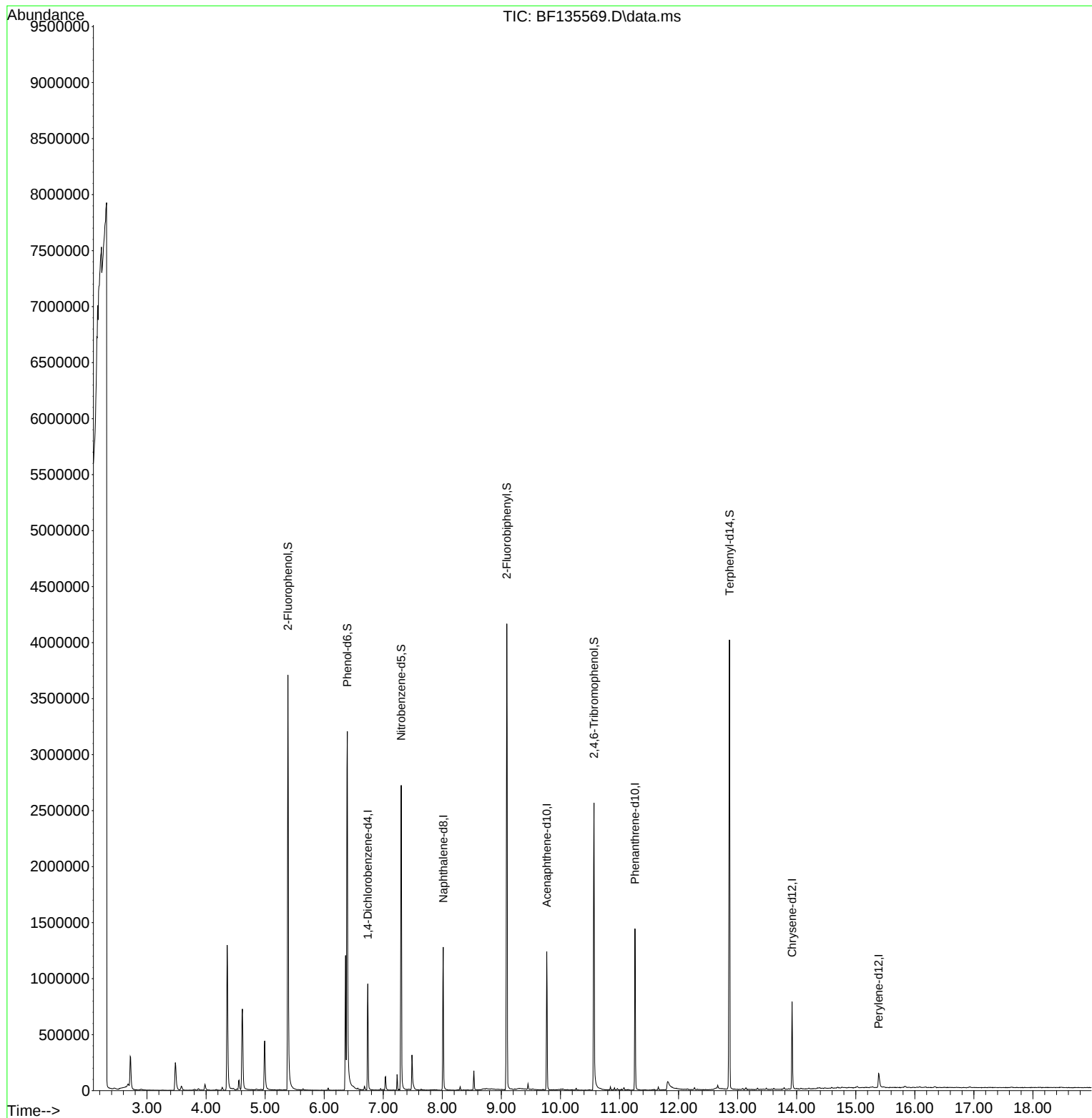
Target Compounds	Qvalue

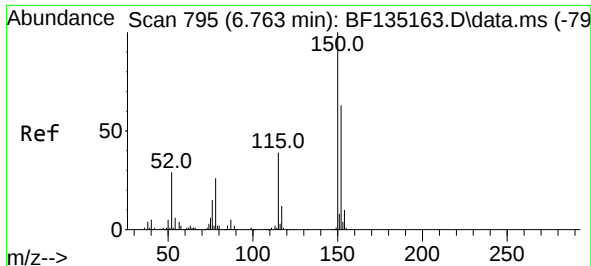
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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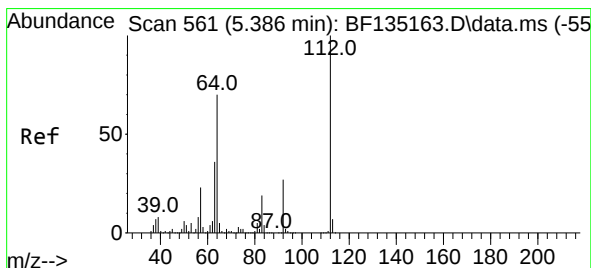
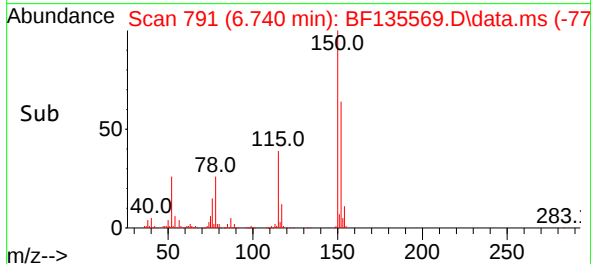
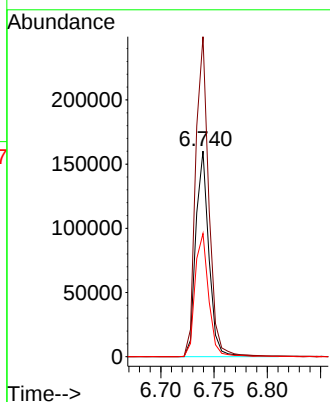
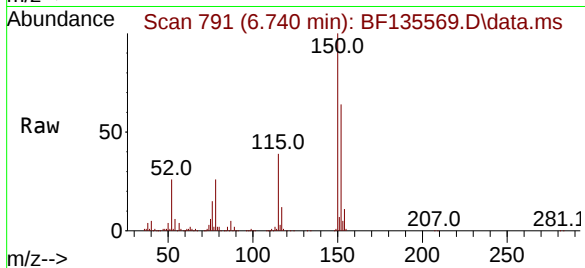




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135569.D
Acq: 04 Oct 2023 13:57

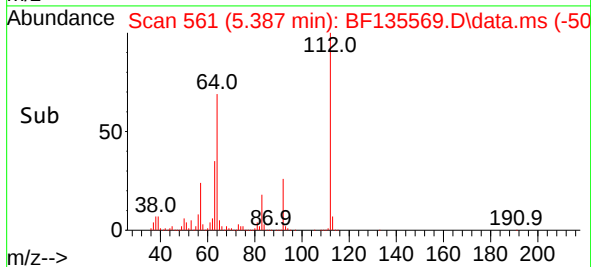
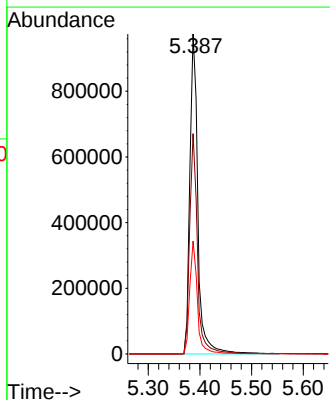
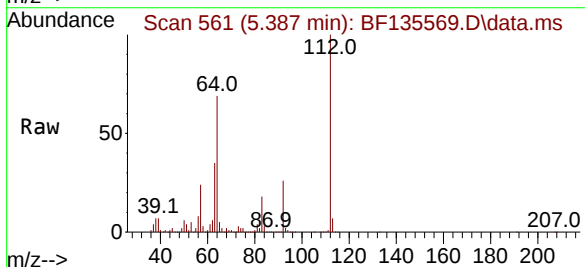
Instrument :
BNA_F
ClientSampleId :
IS4-COMP

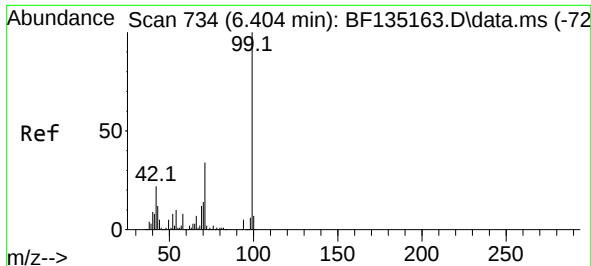
Tgt Ion:152 Resp: 137675
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 59.9 49.8 74.8



#5
2-Fluorophenol
Concen: 124.638 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135569.D
Acq: 04 Oct 2023 13:57

Tgt Ion:112 Resp: 1055036
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 102.345 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

Instrument :

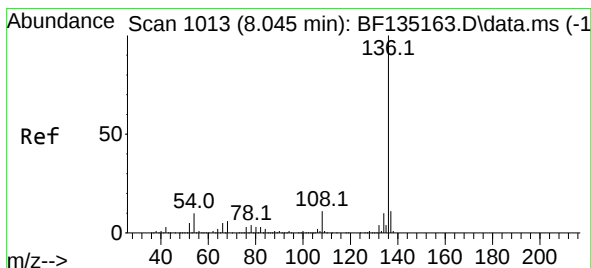
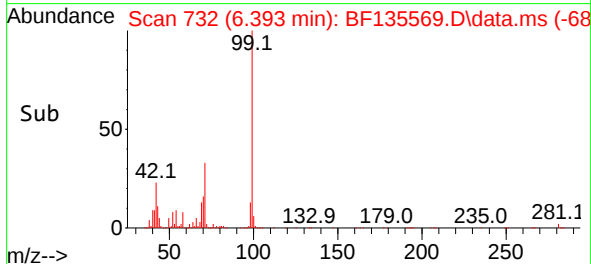
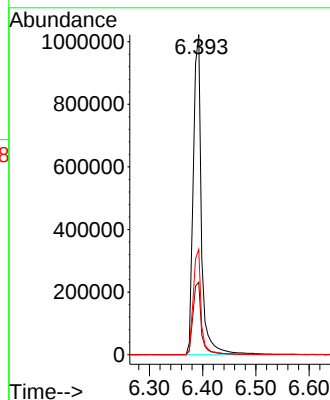
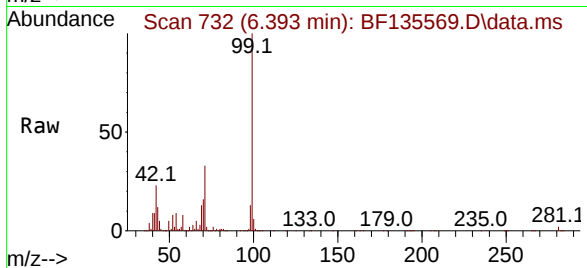
BNA_F

ClientSampleId :

IS4-COMP

Tgt Ion: 99 Resp: 1101586

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

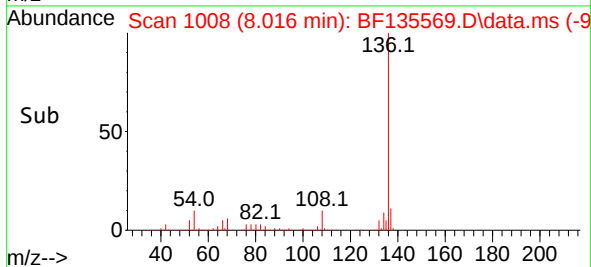
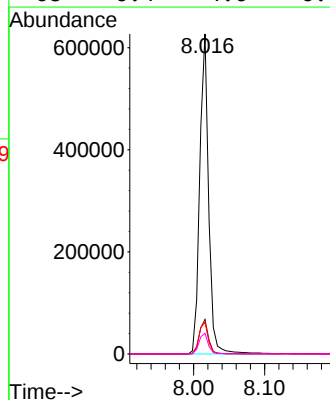
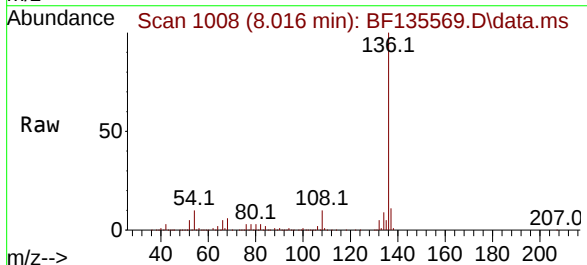
Delta R.T. 0.000 min

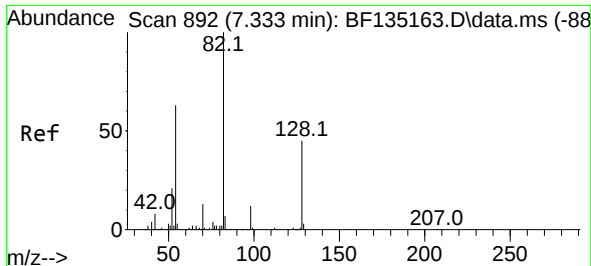
Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

Tgt Ion:136 Resp: 548908

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.9	7.7	11.5
68	6.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 86.816 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

IS4-COMP

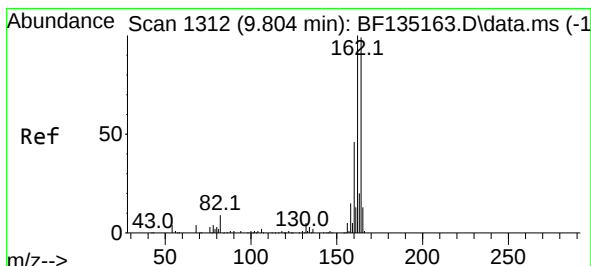
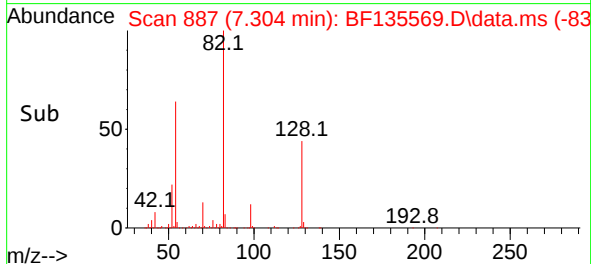
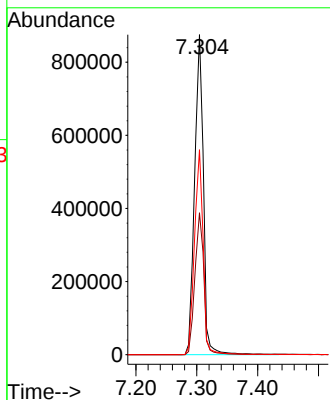
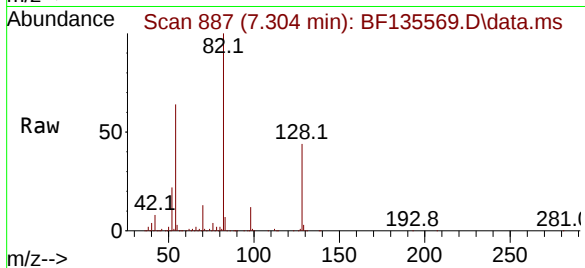
Tgt Ion: 82 Resp: 877131

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

54 64.0 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: BF135569.D

Acq: 04 Oct 2023 13:57

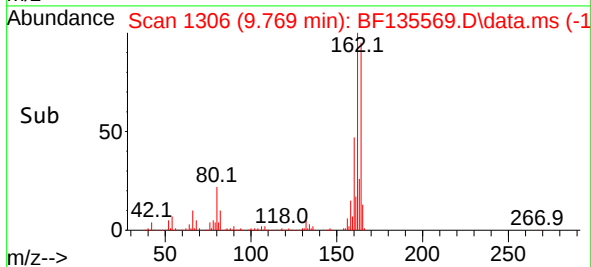
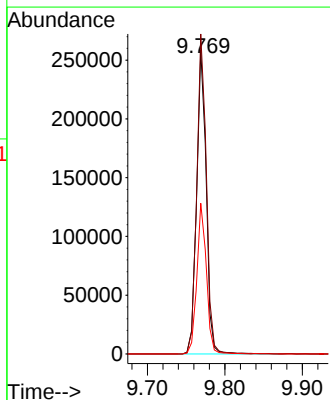
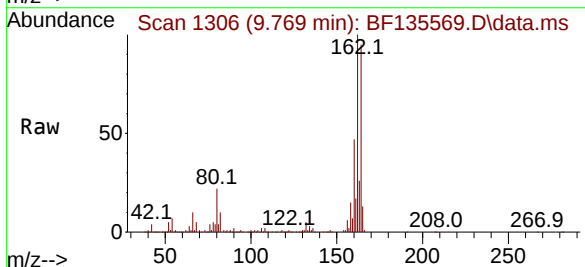
Tgt Ion: 164 Resp: 221573

Ion Ratio Lower Upper

164 100

162 105.3 81.0 121.4

160 49.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 150.160 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

IS4-COMP

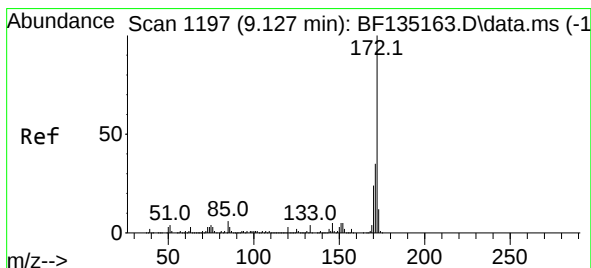
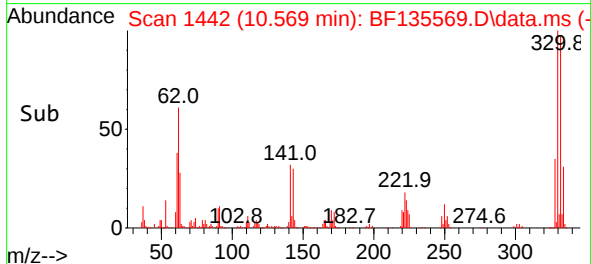
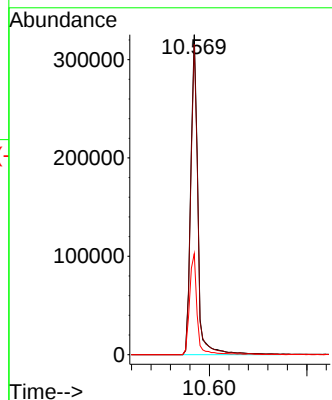
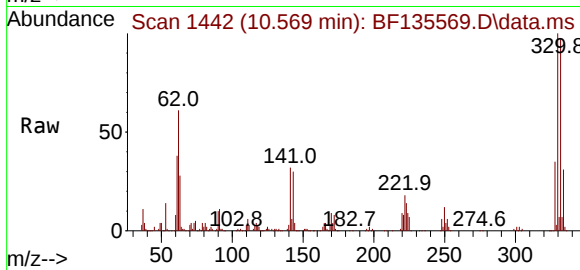
Tgt Ion:330 Resp: 330638

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 33.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 99.255 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

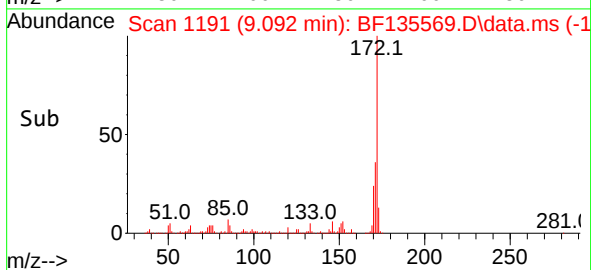
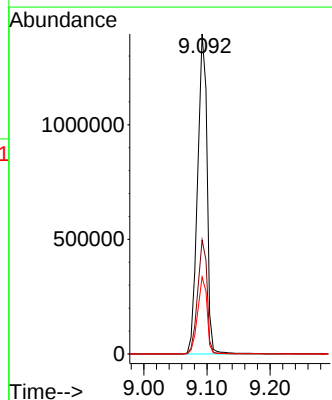
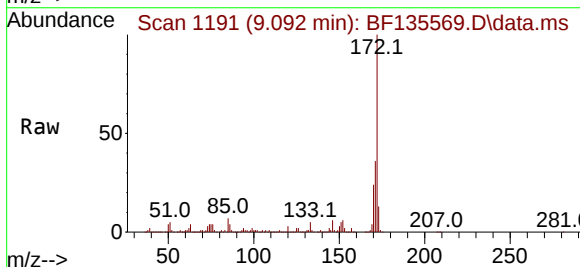
Tgt Ion:172 Resp: 1457677

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 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: BF135569.D

Acq: 04 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

IS4-COMP

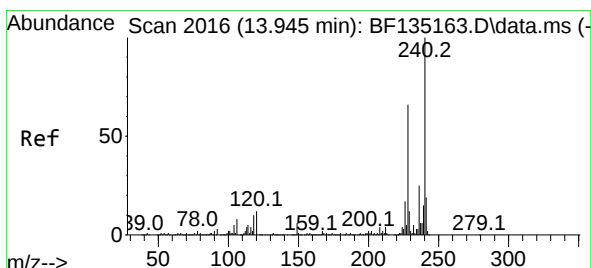
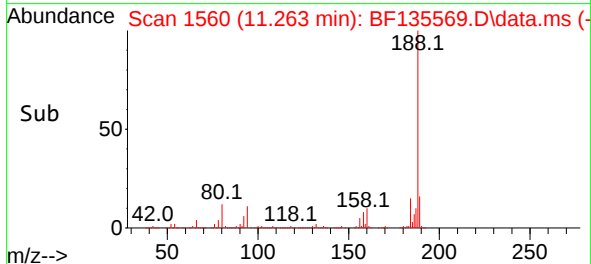
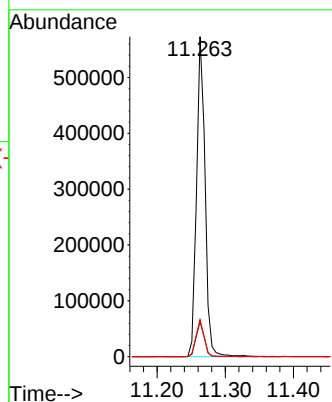
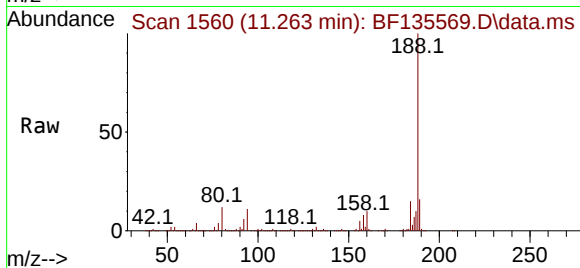
Tgt Ion:188 Resp: 497506

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.6 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: BF135569.D

Acq: 04 Oct 2023 13:57

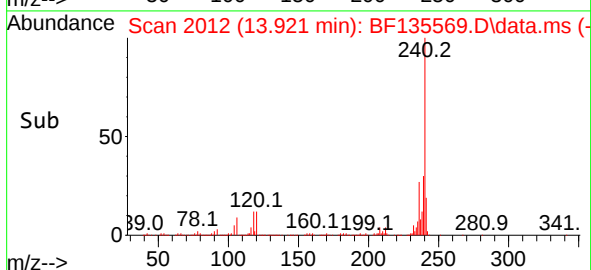
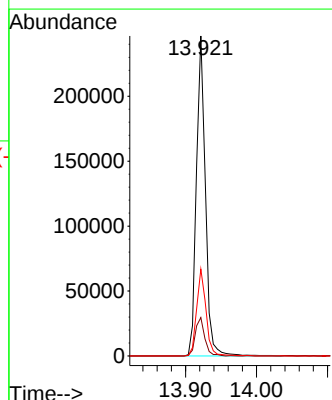
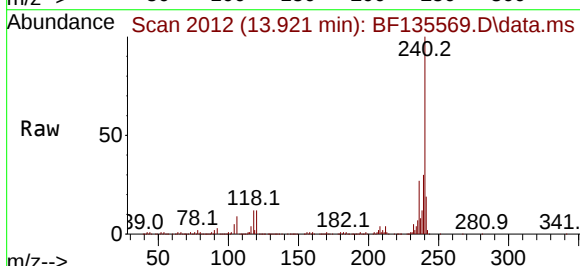
Tgt Ion:240 Resp: 218792

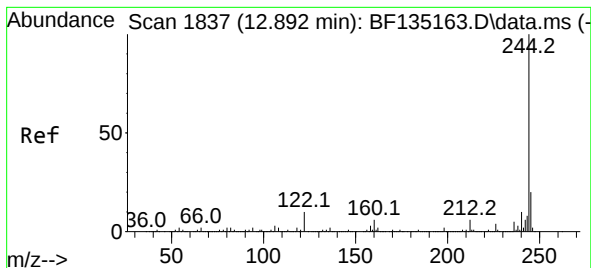
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 27.1 19.8 29.8





#79

Terphenyl-d14

Concen: 104.986 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135569.D

Acq: 04 Oct 2023 13:57

Instrument :

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ClientSampleId :

IS4-COMP

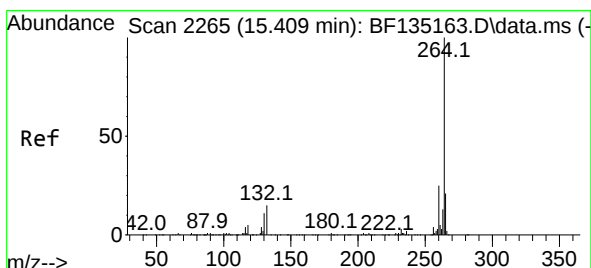
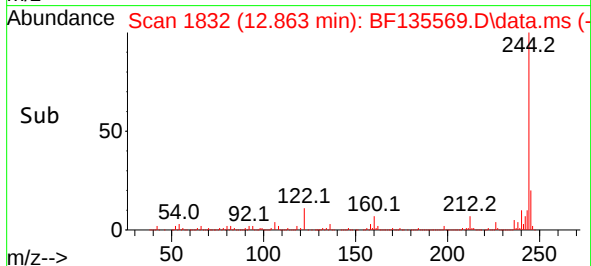
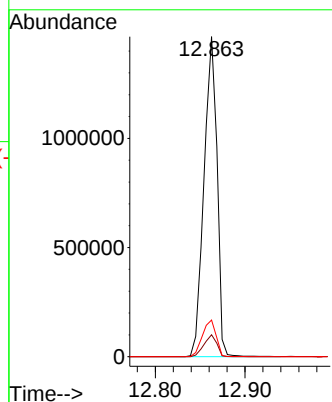
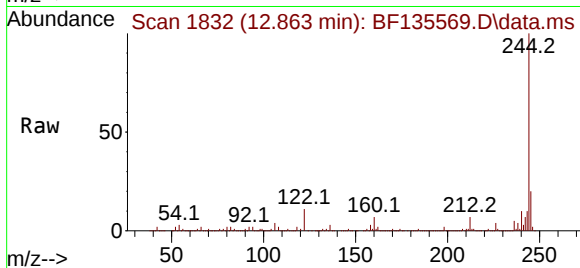
Tgt Ion:244 Resp: 1481756

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.5 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: BF135569.D

Acq: 04 Oct 2023 13:57

Tgt Ion:264 Resp: 40714

Ion Ratio Lower Upper

264 100

260 28.8 19.8 29.6

265 20.6 17.0 25.4

