

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135539.D
 Acq On : 02 Oct 2023 21:26
 Operator : CG\JU
 Sample : 04651-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMP

Quant Time: Oct 03 02:58:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	125180	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	435664	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174065	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	292529	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	254729	20.000	ng	0.00
86) Perylene-d12	15.392	264	192599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	955690	124.171	ng	0.01
7) Phenol-d6	6.398	99	1058599	108.168	ng	0.00
23) Nitrobenzene-d5	7.310	82	741590	92.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	203694	117.757	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1162886	100.794	ng	-0.01
79) Terphenyl-d14	12.869	244	1094538	66.610	ng	0.00

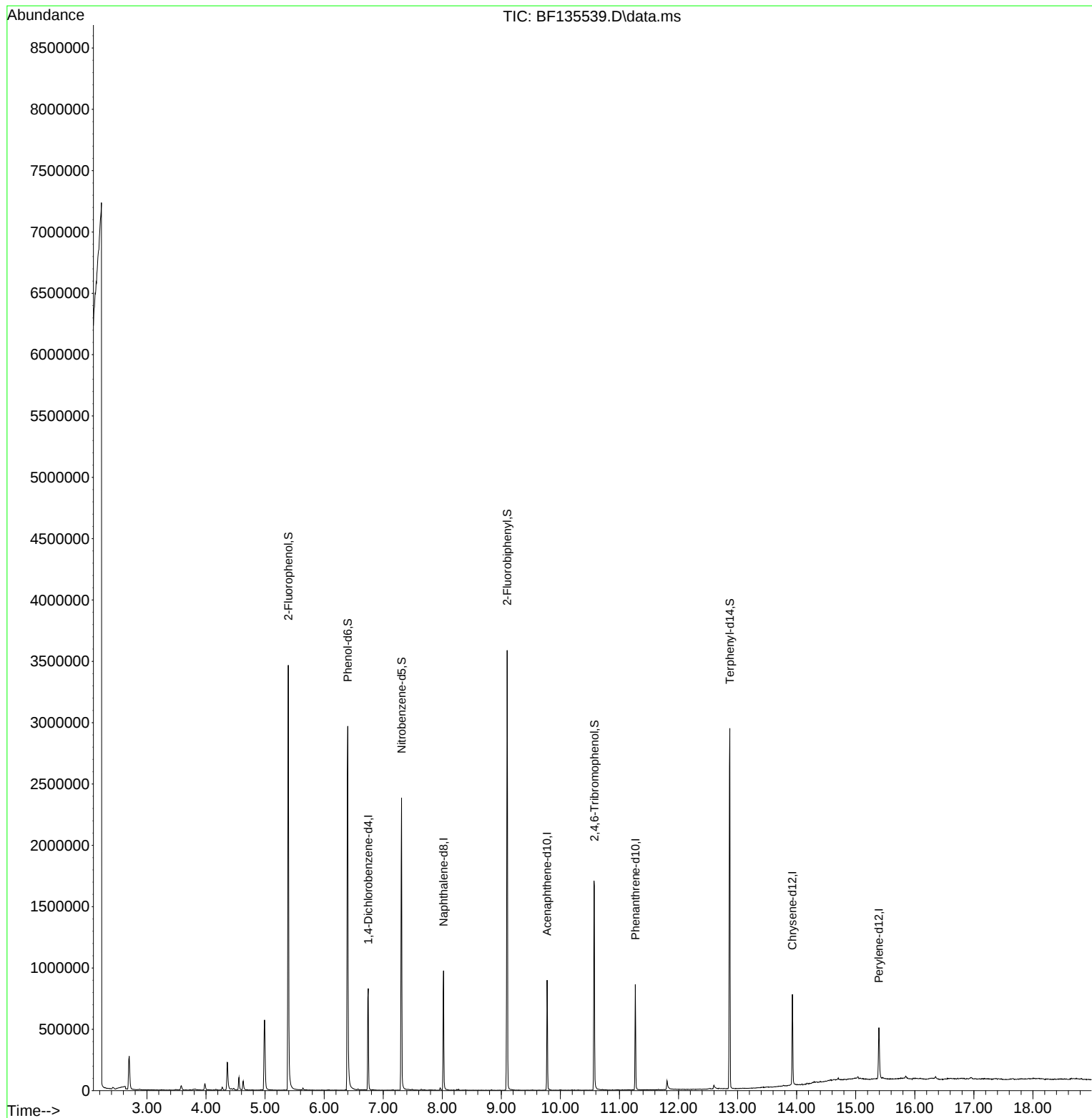
Target Compounds	Qvalue

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

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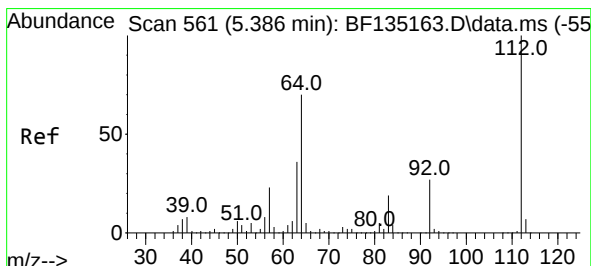
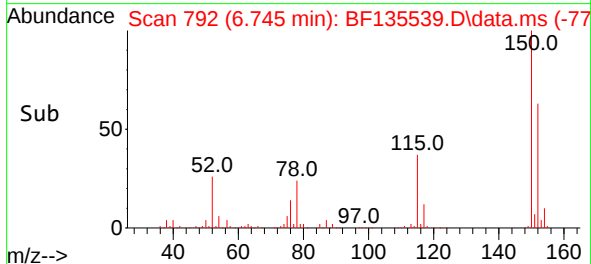
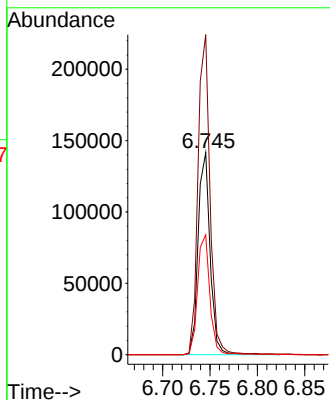
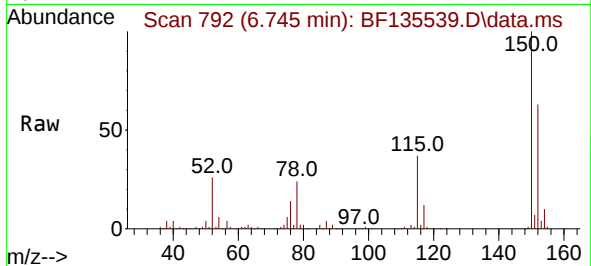




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

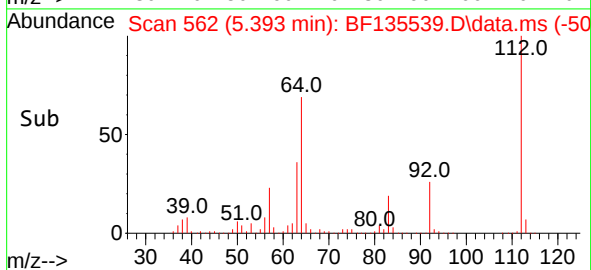
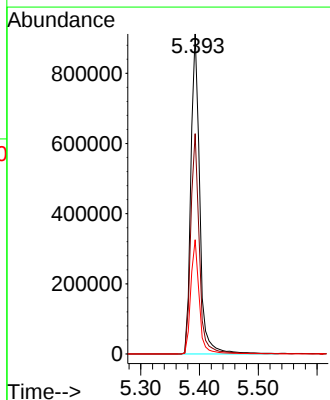
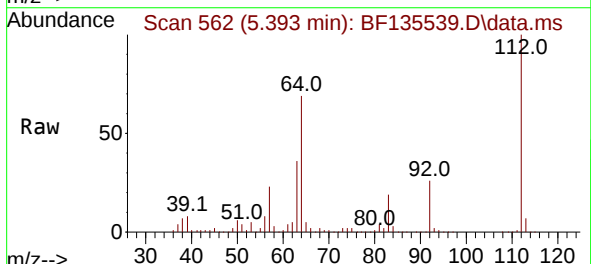
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

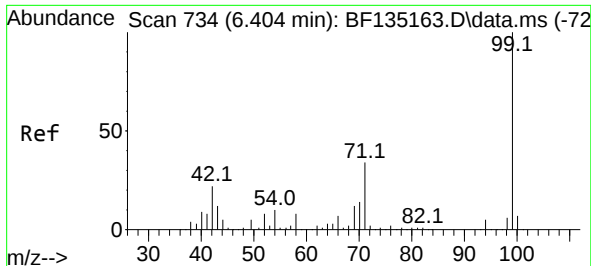
Tgt Ion:152 Resp: 125180
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 124.171 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:112 Resp: 955690
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.7 29.0 43.6

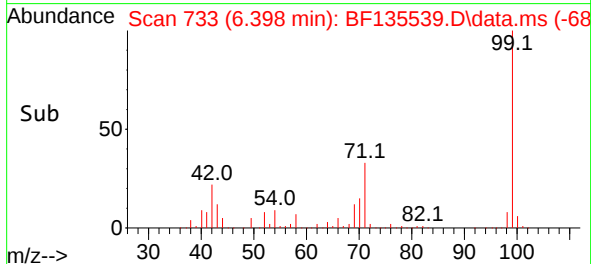
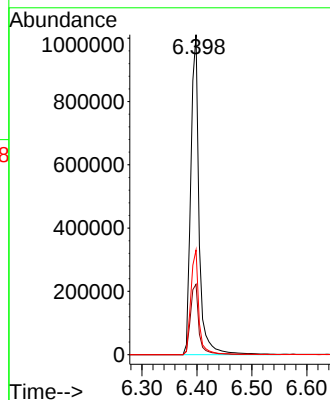
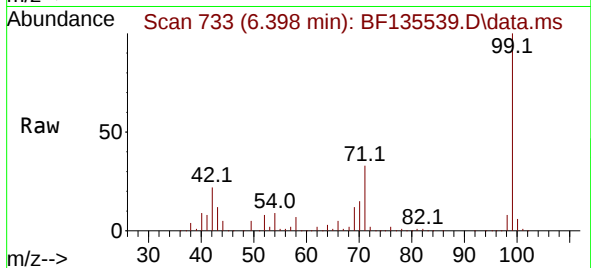




#7
Phenol-d6
Concen: 108.168 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

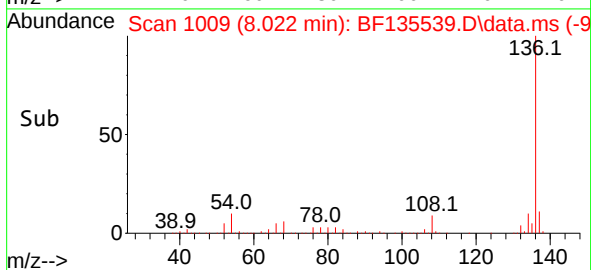
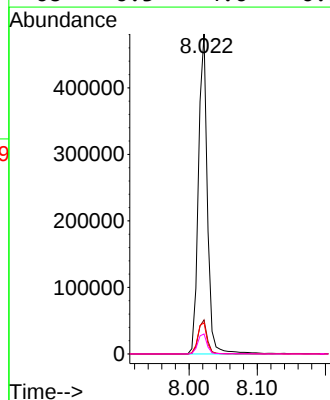
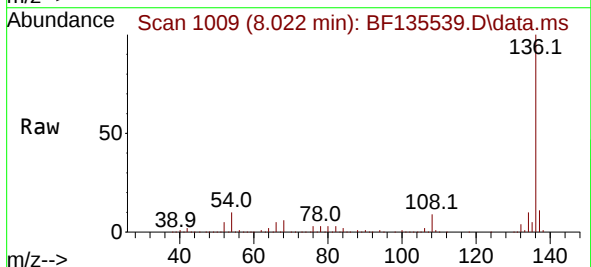
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

Tgt Ion: 99 Resp: 1058599
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 32.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion: 136 Resp: 435664
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.480 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SP1-COMP

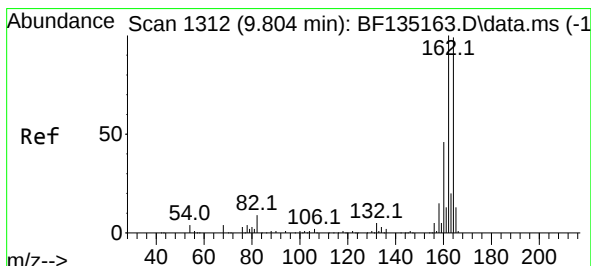
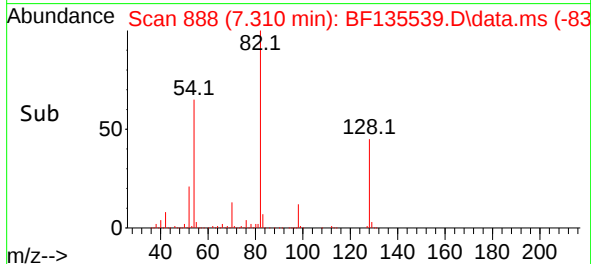
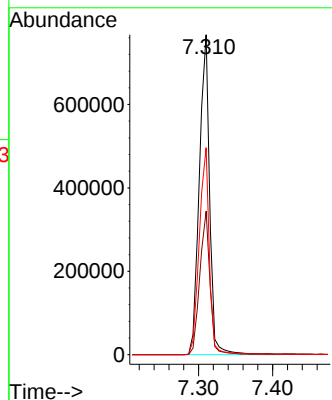
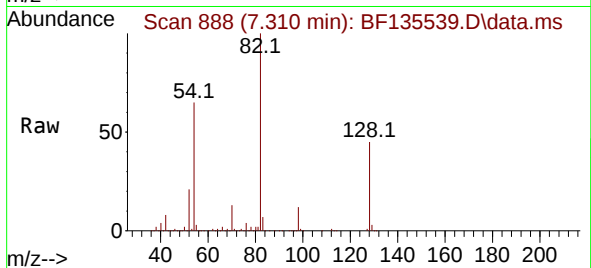
Tgt Ion: 82 Resp: 741590

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: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

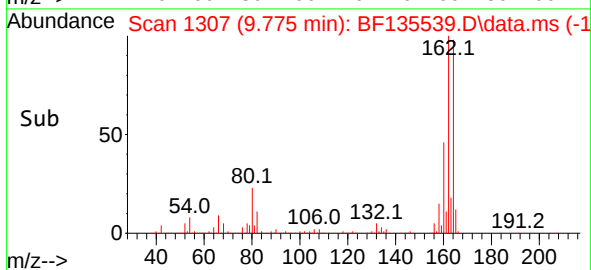
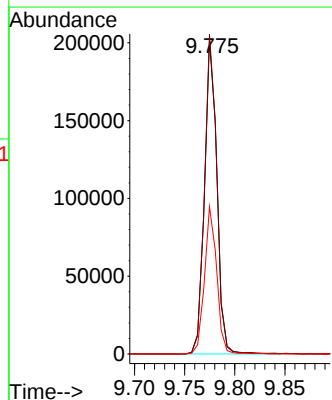
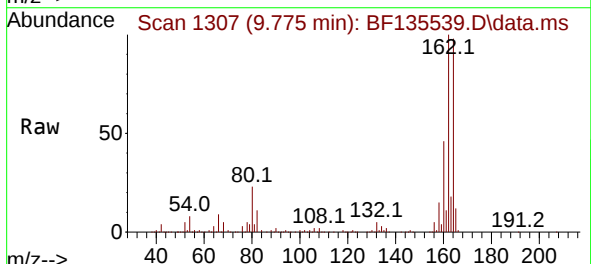
Tgt Ion: 164 Resp: 174065

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

160 46.9 37.0 55.4

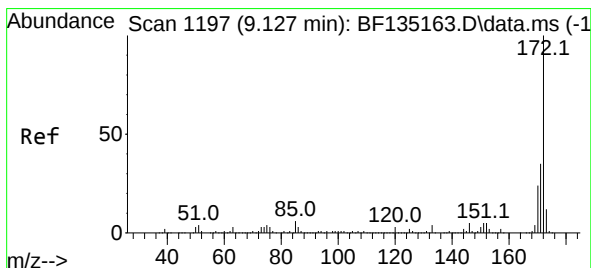
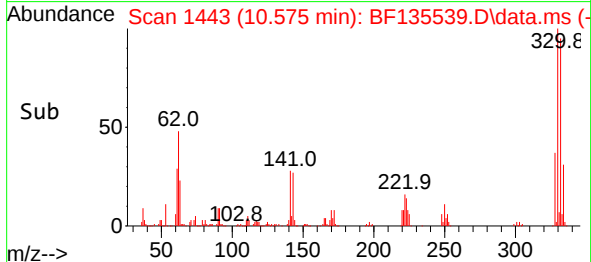
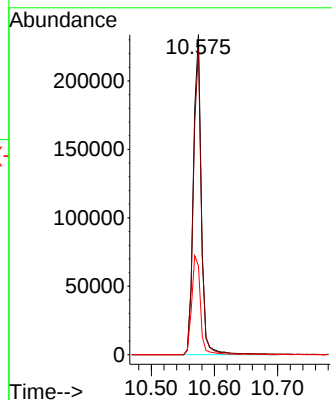
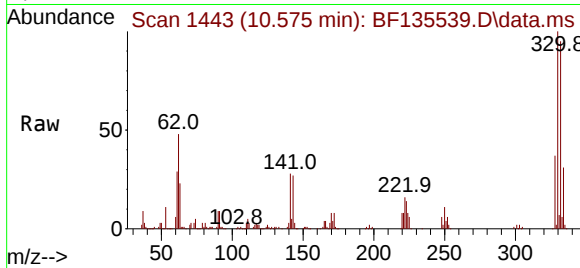




#42
2,4,6-Tribromophenol
Concen: 117.757 ng
RT: 10.575 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

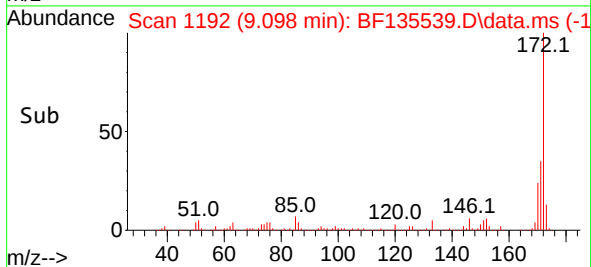
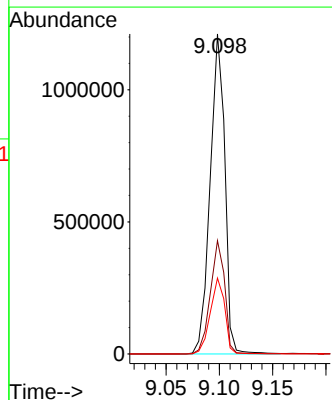
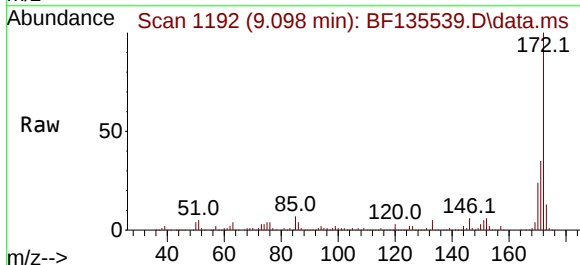
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

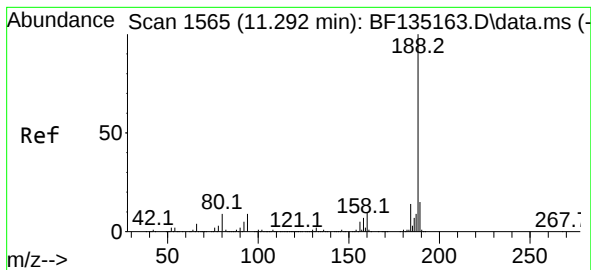
Tgt Ion:330 Resp: 203694
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 34.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 100.794 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:172 Resp: 1162886
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SP1-COMP

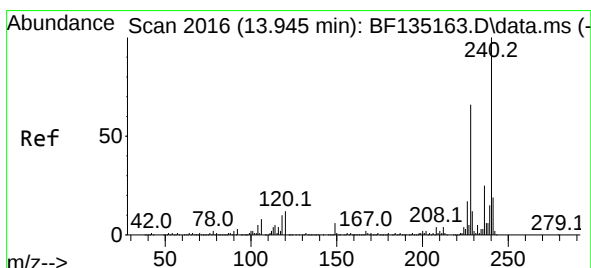
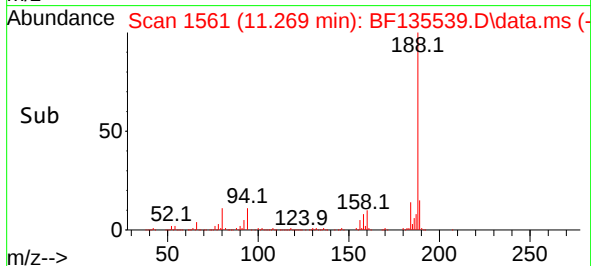
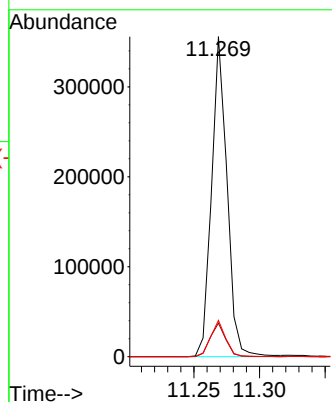
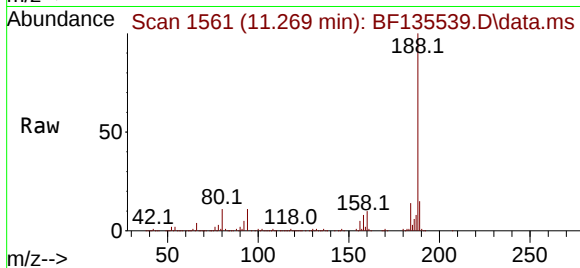
Tgt Ion:188 Resp: 292529

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.4 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

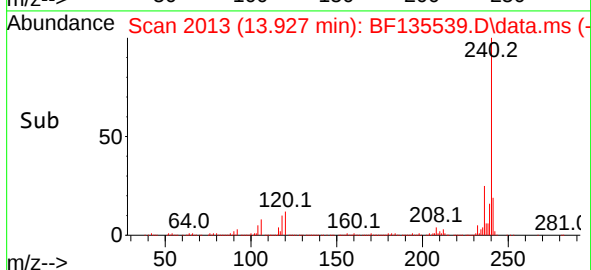
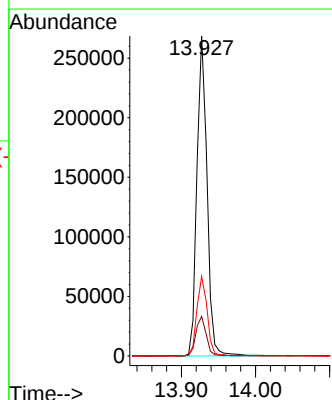
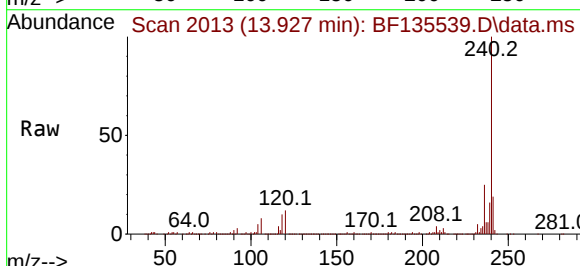
Tgt Ion:240 Resp: 254729

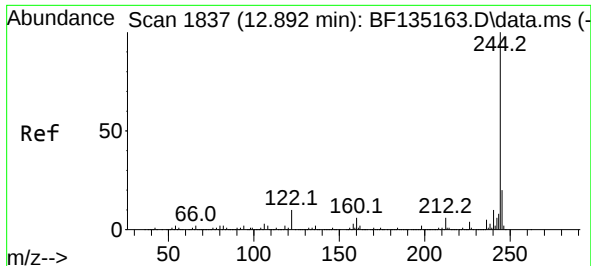
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 24.8 19.8 29.8

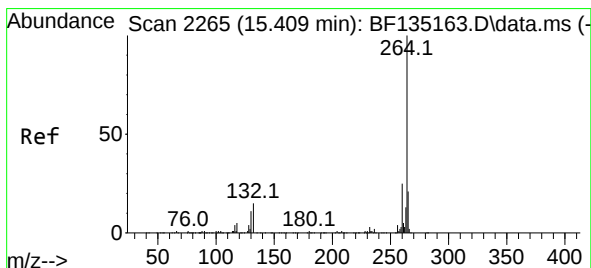
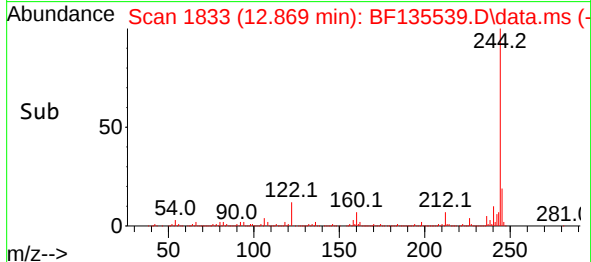
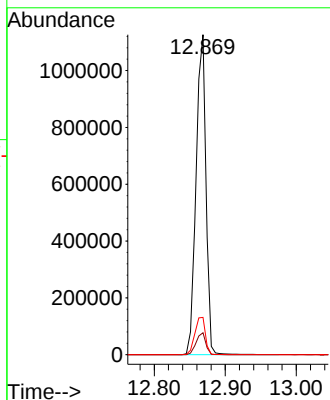
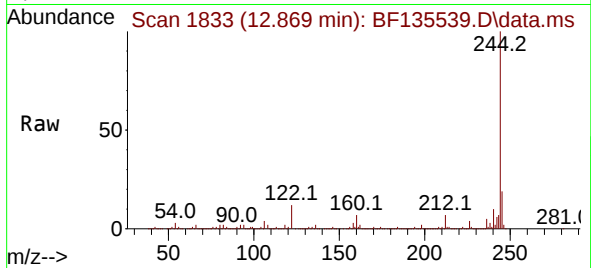




#79
 Terphenyl-d14
 Concen: 66.610 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135539.D
 Acq: 02 Oct 2023 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMP

Tgt Ion:244 Resp: 1094538
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF135539.D
 Acq: 02 Oct 2023 21:26

Tgt Ion:264 Resp: 192599
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 20.5 17.0 25.4

