

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136449.D
 Acq On : 07 Dec 2023 16:21
 Operator : CG\JU
 Sample : 05630-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-120523

Quant Time: Dec 07 17:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

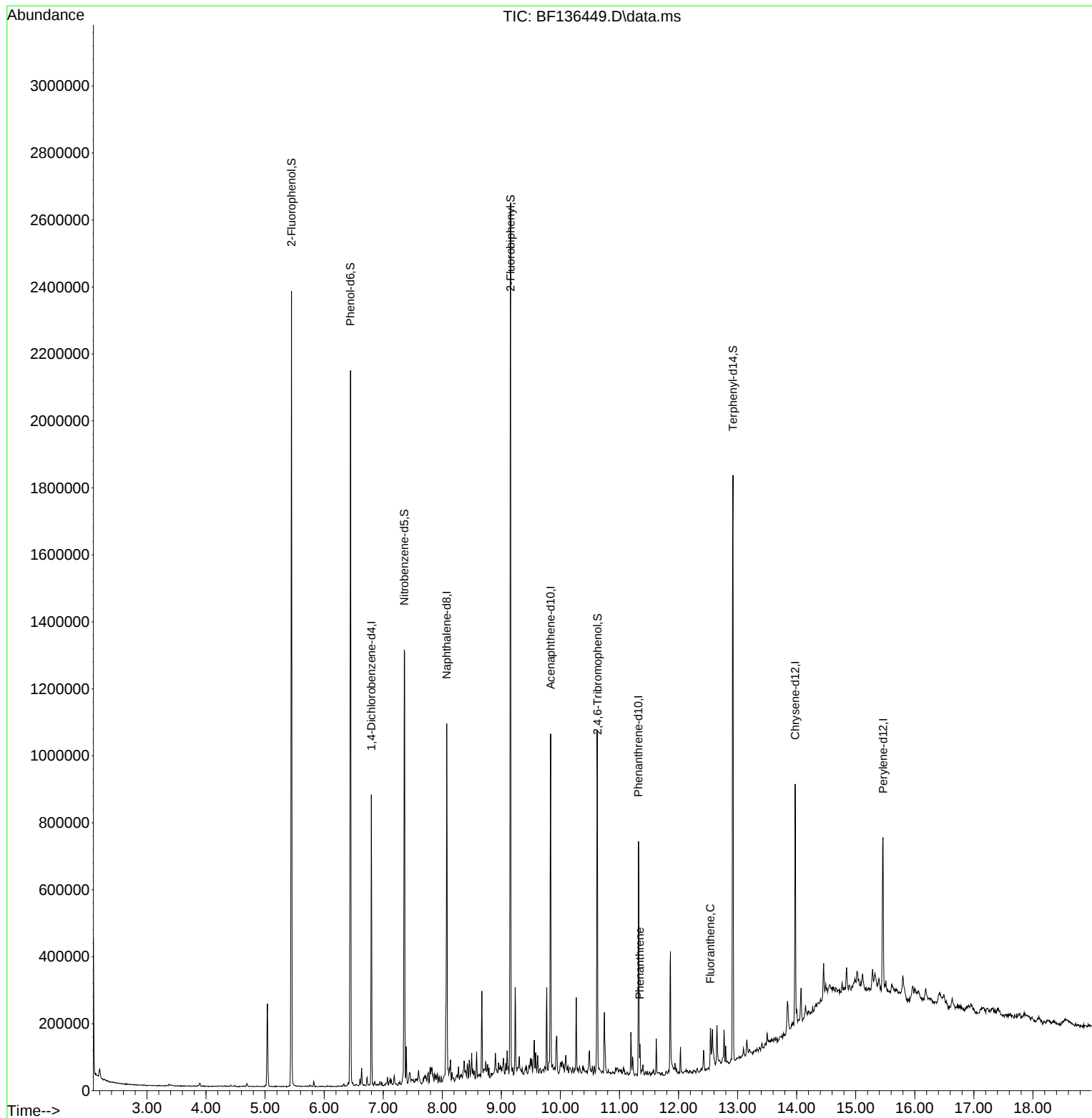
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	116433	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	435285	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	181554	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	245612	20.000	ng	0.00
76) Chrysene-d12	13.974	240	230866	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	226042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	634653	80.499	ng	0.01
7) Phenol-d6	6.446	99	753270	76.579	ng	0.00
23) Nitrobenzene-d5	7.357	82	447498	55.577	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	133457	59.617	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	782045	58.776	ng	0.00
79) Terphenyl-d14	12.922	244	614463	35.081	ng	0.00
Target Compounds						
71) Phenanthrene	11.345	178	30645	2.270	ng	Qvalue 98
75) Fluoranthene	12.539	202	43287	3.060	ng	97

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

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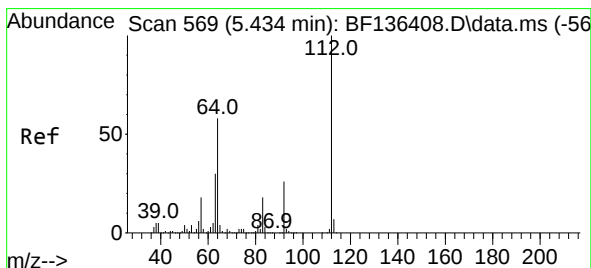
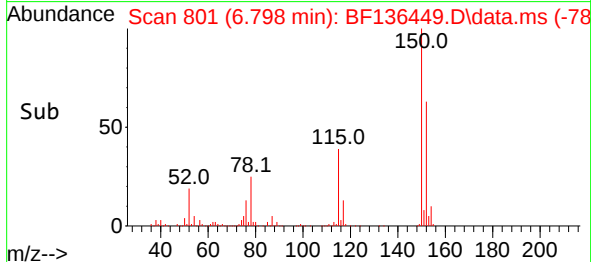
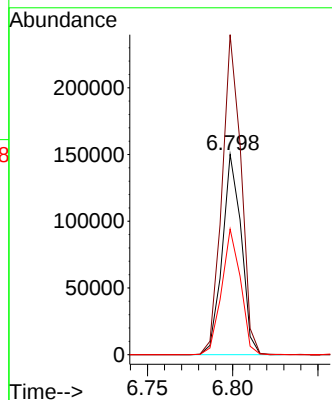
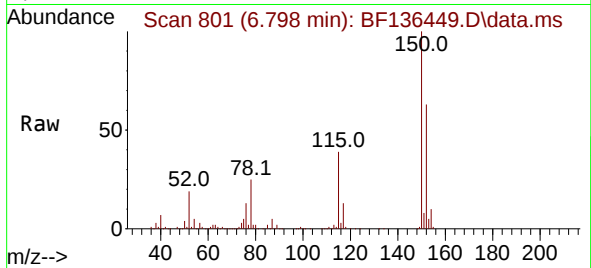




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

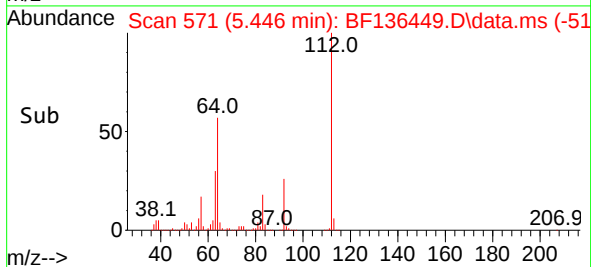
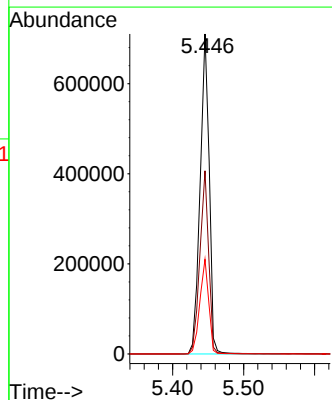
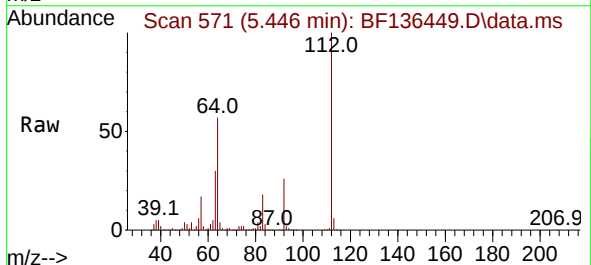
Instrument :
BNA_F
ClientSampleId :
EO-02-120523

Tgt Ion:152 Resp: 116433
Ion Ratio Lower Upper
152 100
150 159.8 126.4 189.6
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 80.499 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

Tgt Ion:112 Resp: 634653
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 29.6 23.9 35.9

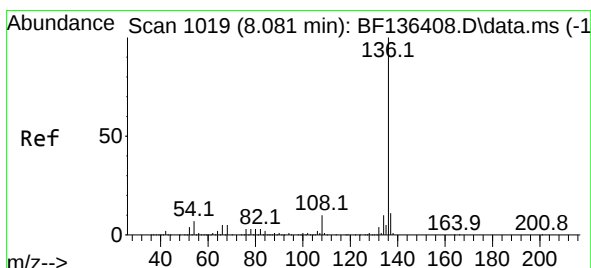
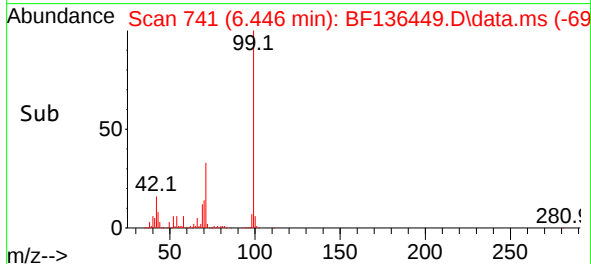
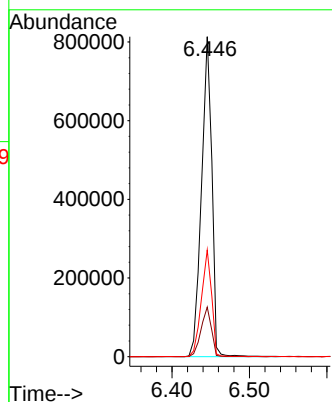
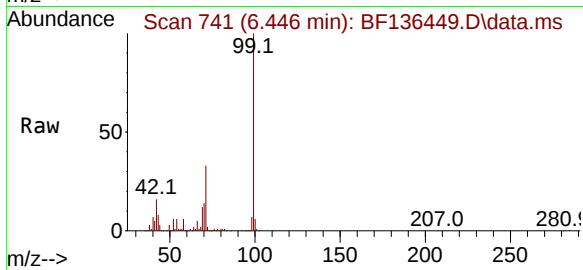




#7
Phenol-d6
Concen: 76.579 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

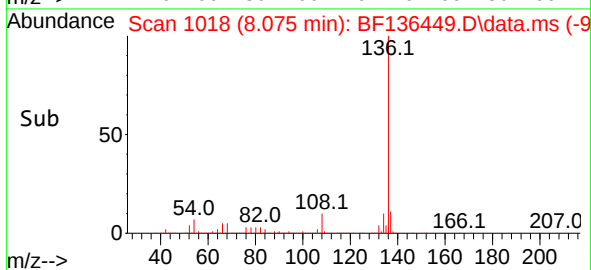
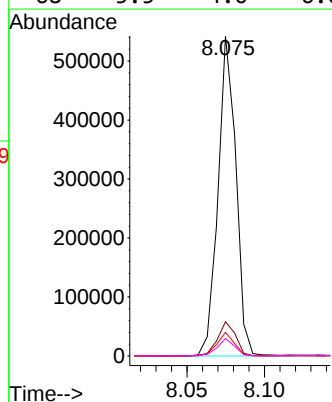
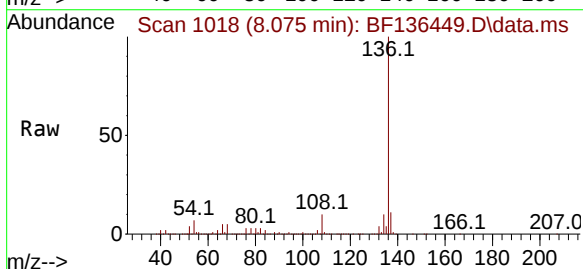
Instrument :
BNA_F
ClientSampleId :
EO-02-120523

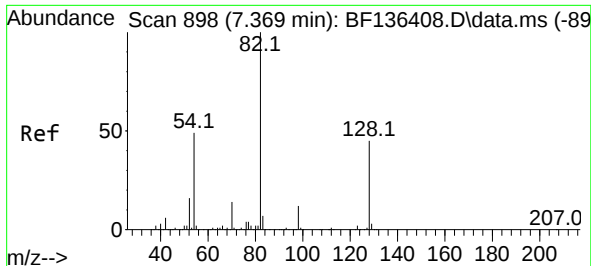
Tgt Ion: 99 Resp: 753270
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.4 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

Tgt Ion: 136 Resp: 435285
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.4 5.7 8.5
68 5.5 4.0 6.0





#23

Nitrobenzene-d5

Concen: 55.577 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

EO-02-120523

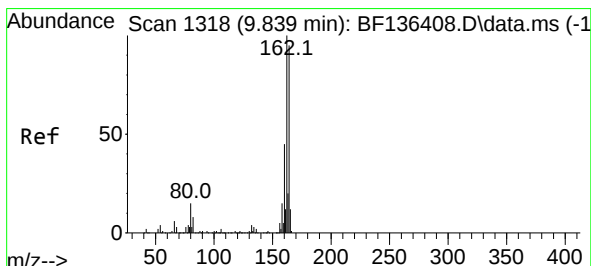
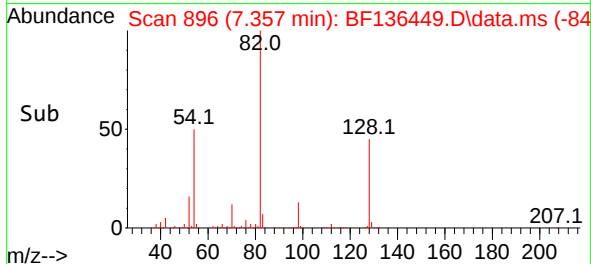
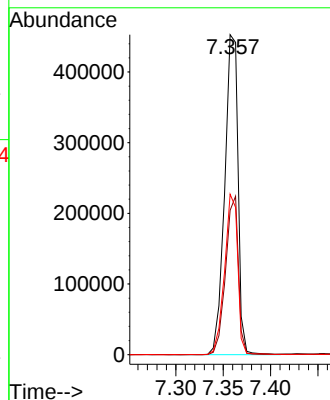
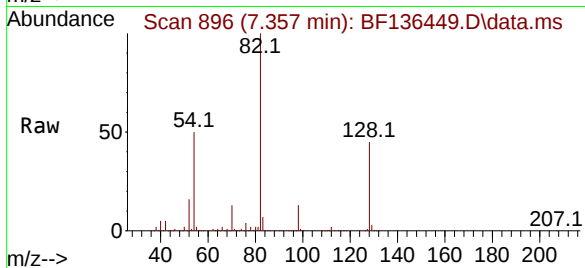
Tgt Ion: 82 Resp: 447498

Ion Ratio Lower Upper

82 100

128 45.1 36.3 54.5

54 50.1 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

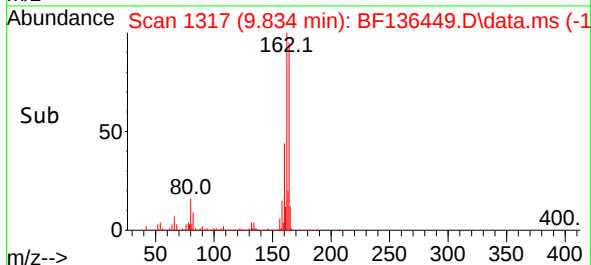
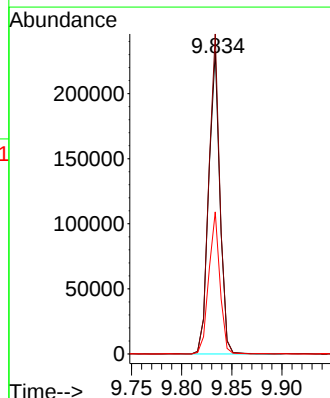
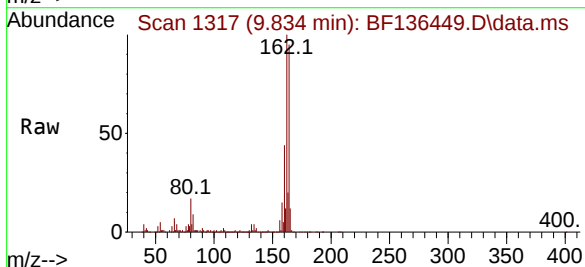
Tgt Ion:164 Resp: 181554

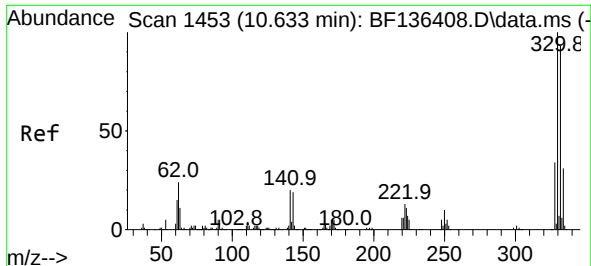
Ion Ratio Lower Upper

164 100

162 105.7 84.4 126.6

160 46.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 59.617 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

EO-02-120523

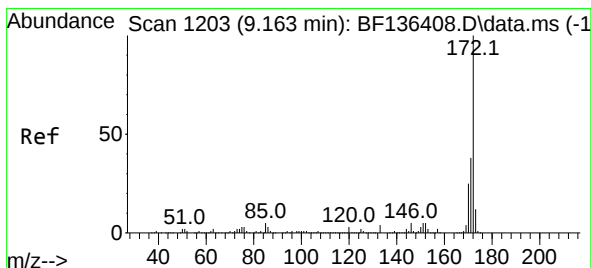
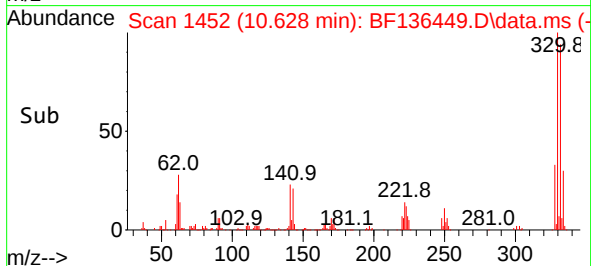
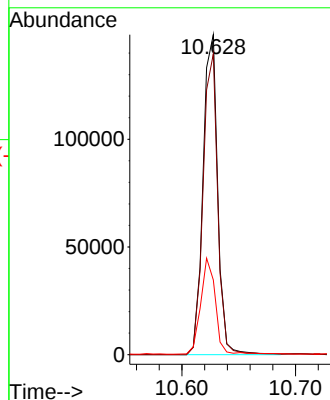
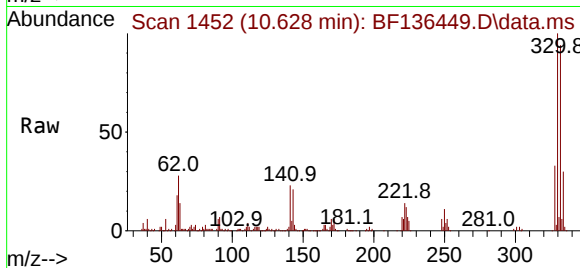
Tgt Ion:330 Resp: 133457

Ion Ratio Lower Upper

330 100

332 94.2 76.4 114.6

141 30.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 58.776 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

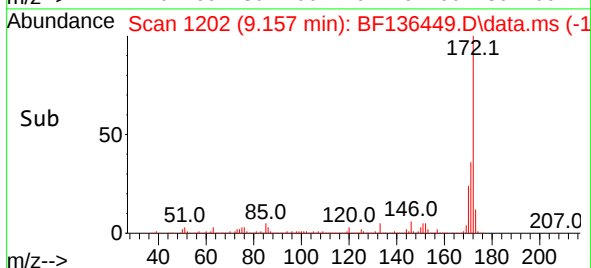
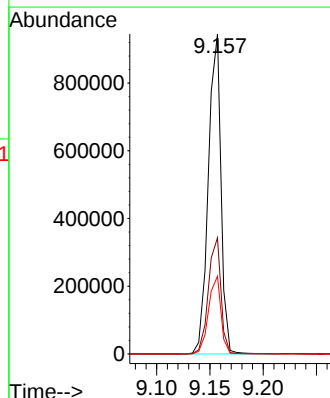
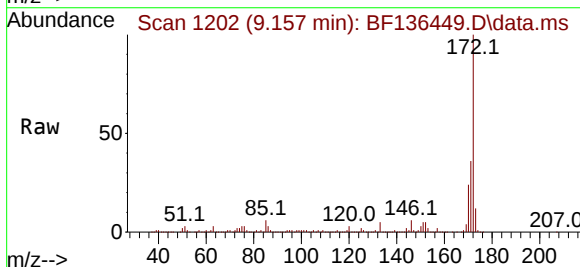
Tgt Ion:172 Resp: 782045

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

170 24.3 19.9 29.9

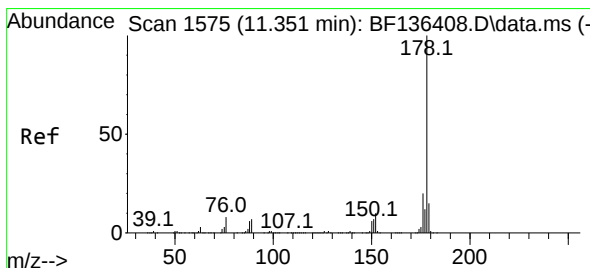
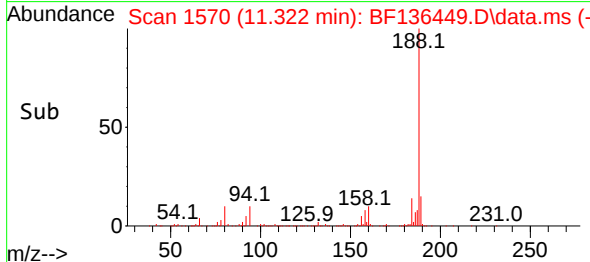
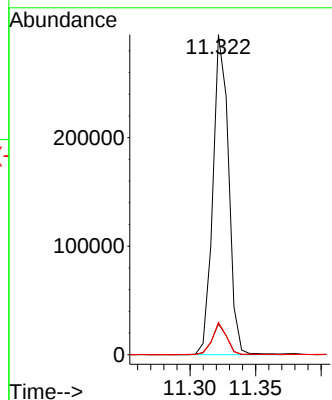
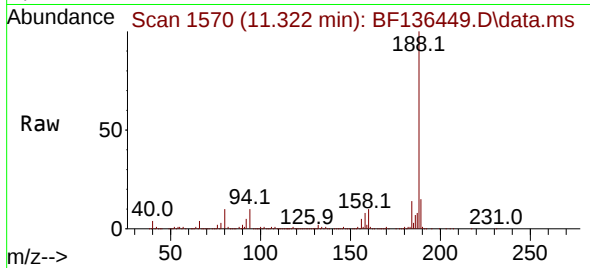




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

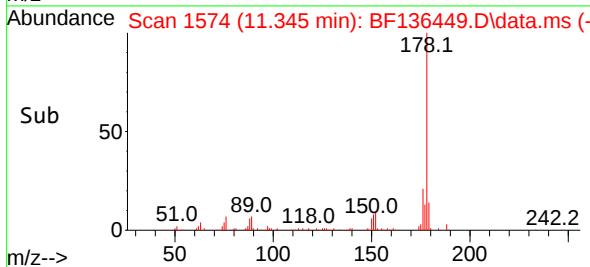
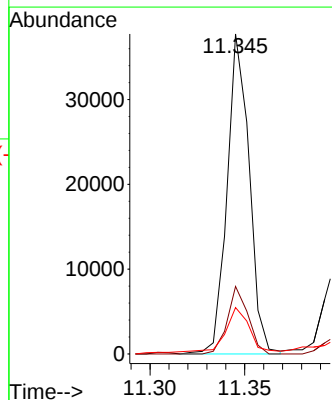
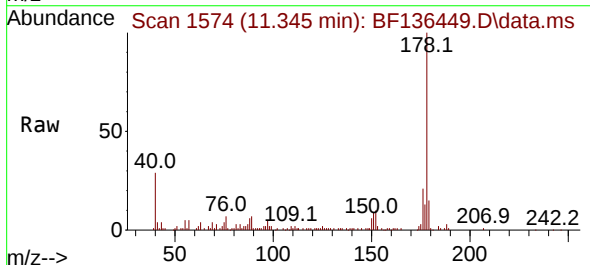
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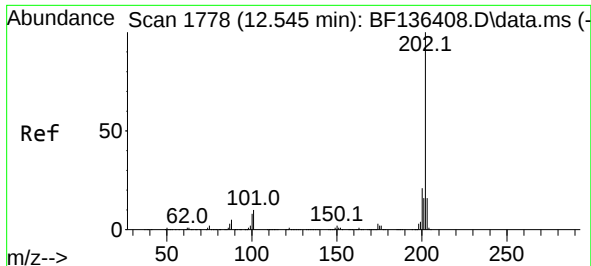
Tgt Ion:188 Resp: 245612
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.1 7.2 10.8



#71
Phenanthrene
Concen: 2.270 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

Tgt Ion:178 Resp: 30645
Ion Ratio Lower Upper
178 100
176 21.1 15.9 23.9
179 14.5 11.8 17.6

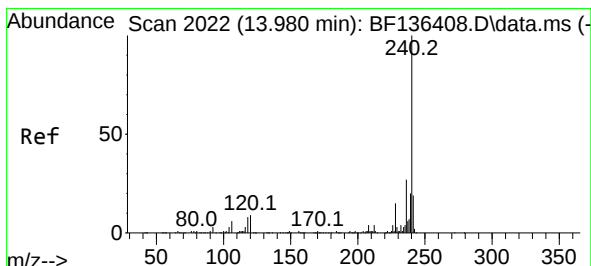
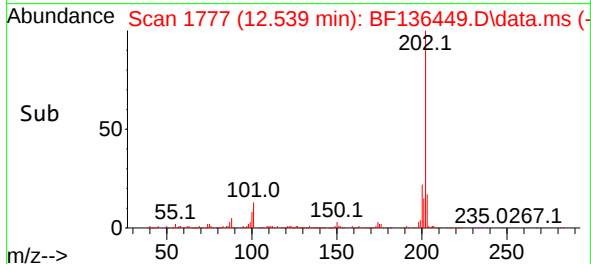
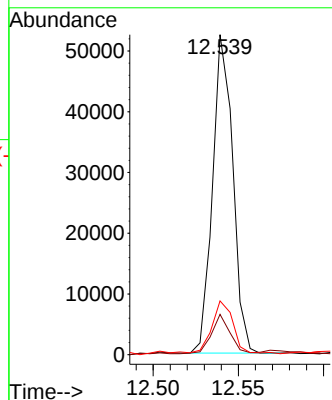
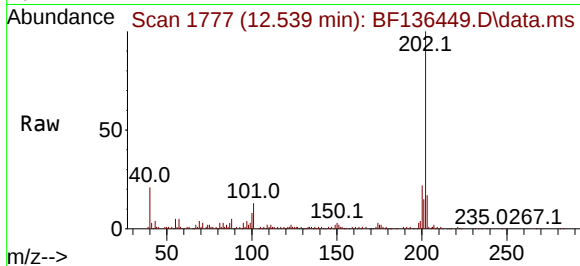




#75
Fluoranthene
Concen: 3.060 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

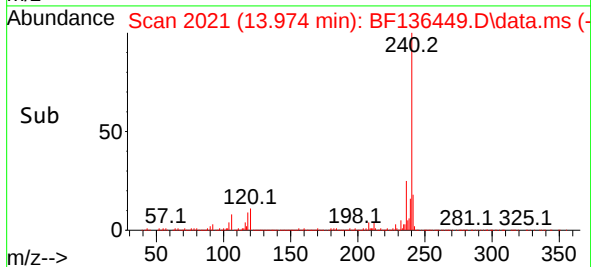
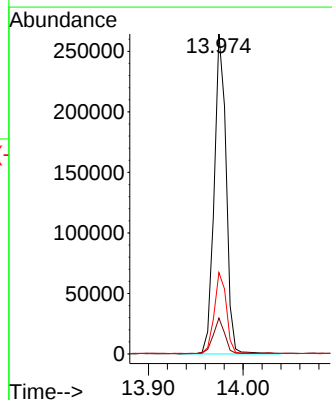
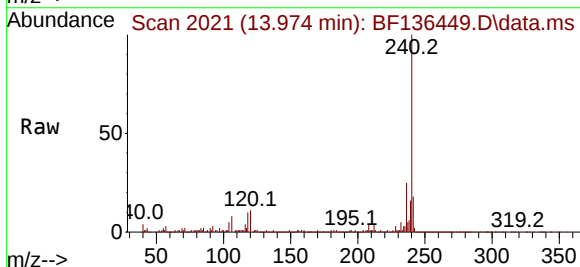
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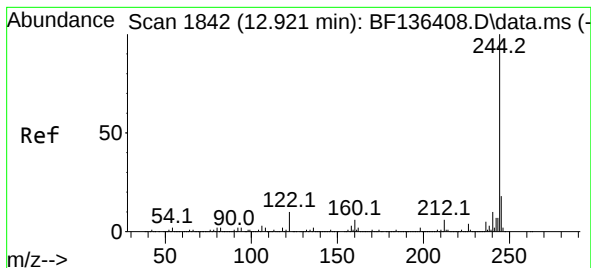
Tgt Ion:202 Resp: 43287
Ion Ratio Lower Upper
202 100
101 12.6 0.0 29.9
203 16.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136449.D
Acq: 07 Dec 2023 16:21

Tgt Ion:240 Resp: 230866
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 35.081 ng

RT: 12.922 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

EO-02-120523

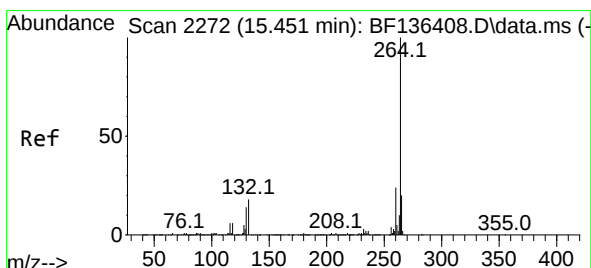
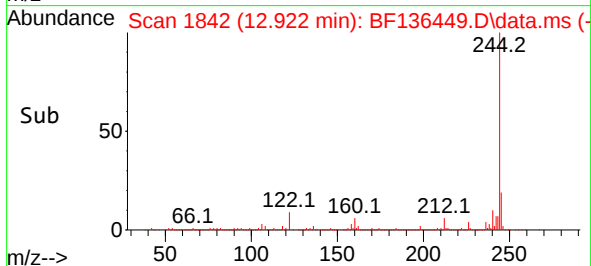
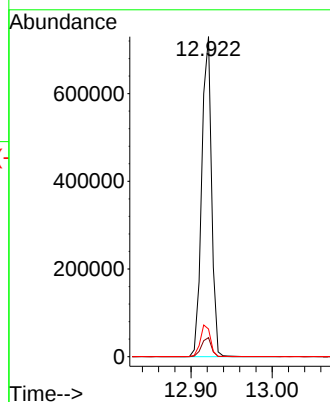
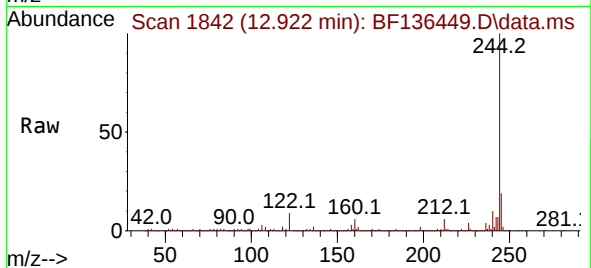
Tgt Ion:244 Resp: 614463

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 8.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF136449.D

Acq: 07 Dec 2023 16:21

Tgt Ion:264 Resp: 226042

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.2 15.9 23.9

