

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136797.D
 Acq On : 28 Dec 2023 17:11
 Operator : CG\JU
 Sample : PB157953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157953BL

Quant Time: Dec 28 17:29:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85613	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	342467	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	177306	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	352280	20.000	ng	0.00
76) Chrysene-d12	13.963	240	213962	20.000	ng	0.00
86) Perylene-d12	15.439	264	178433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	801314	146.038	ng	0.00
7) Phenol-d6	6.434	99	982354	138.168	ng	0.00
23) Nitrobenzene-d5	7.345	82	637441	95.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291441	139.567	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1249357	94.772	ng	-0.01
79) Terphenyl-d14	12.910	244	1366849	89.274	ng	0.00

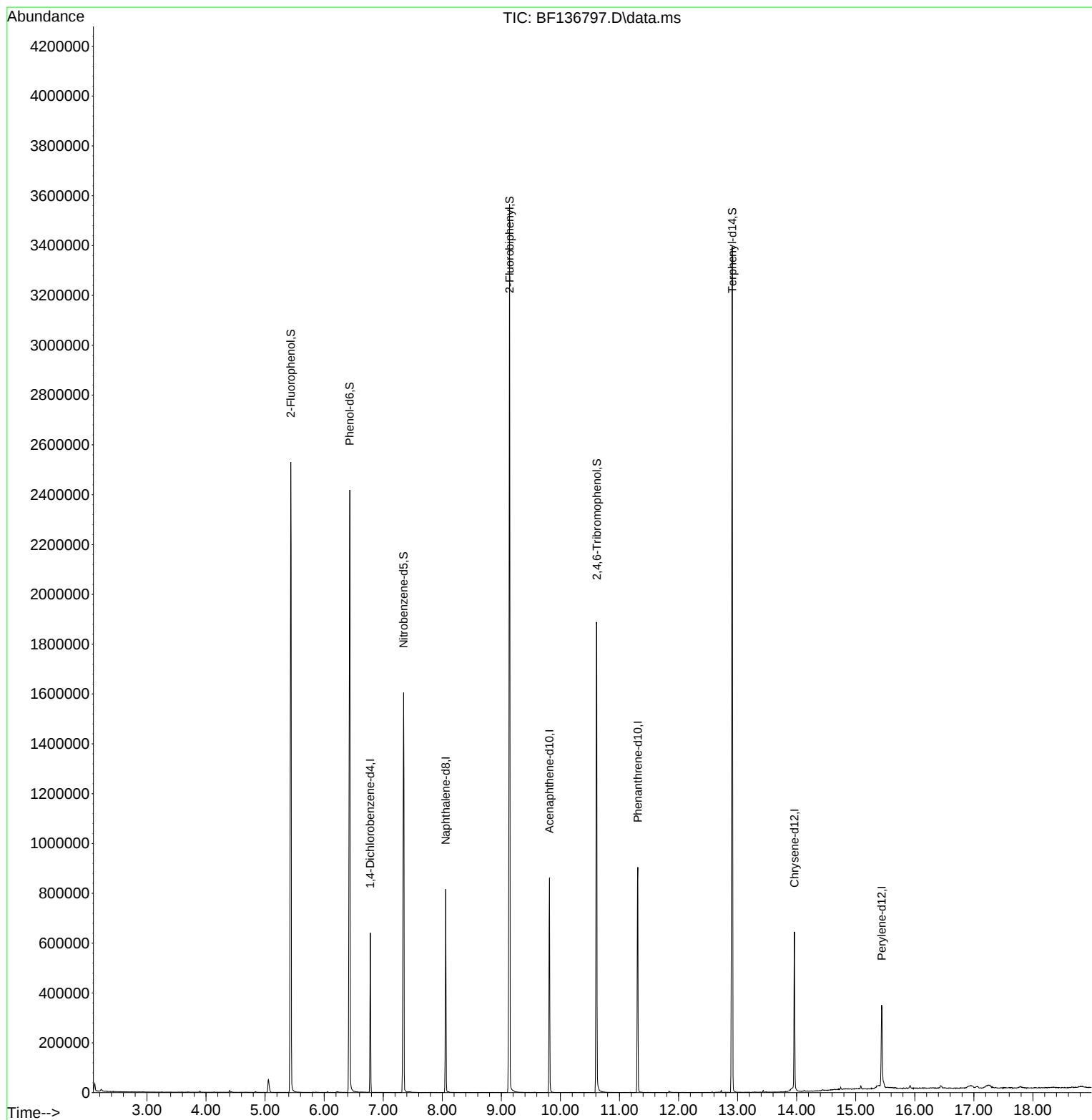
Target Compounds	Qvalue

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

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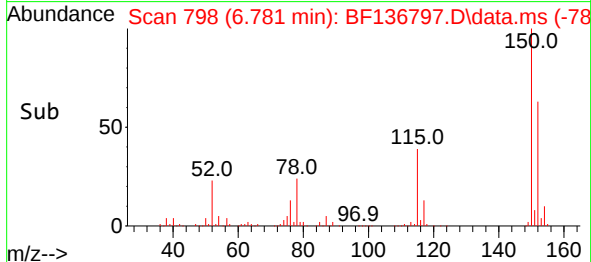
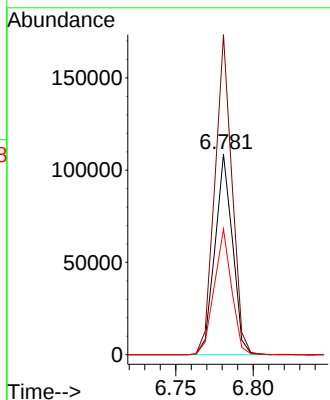
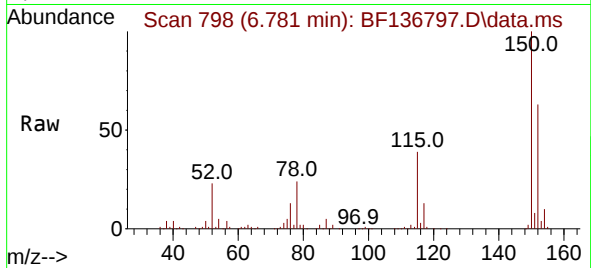




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

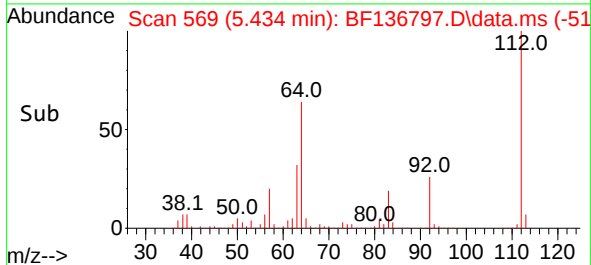
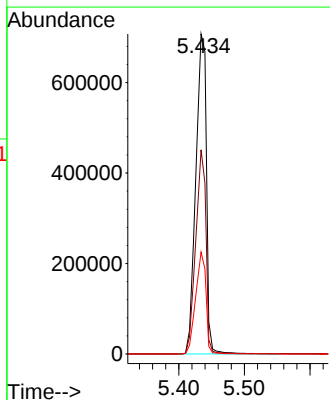
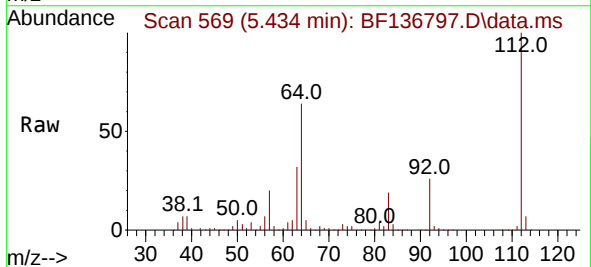
Instrument :
BNA_F
ClientSampleId :
PB157953BL

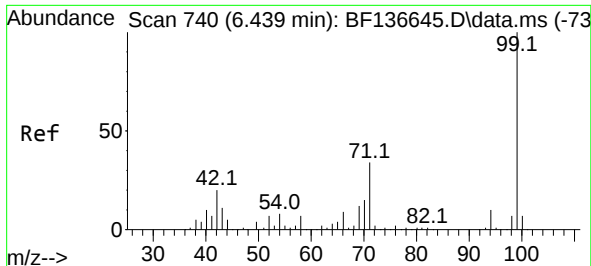
Tgt Ion:152 Resp: 85613
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 146.038 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion:112 Resp: 801314
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 31.8 26.1 39.1

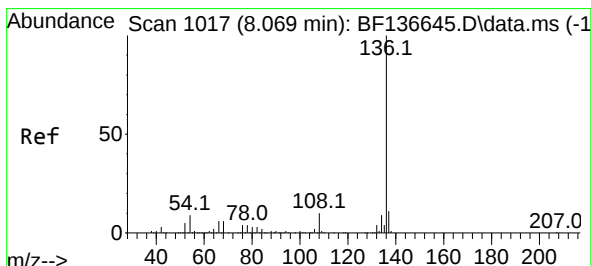
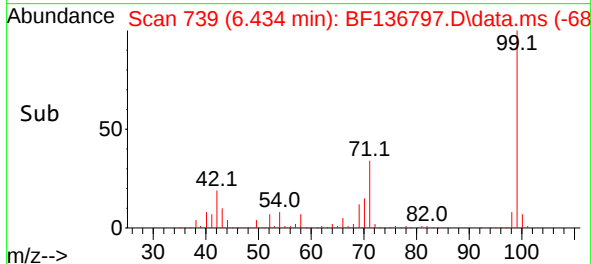
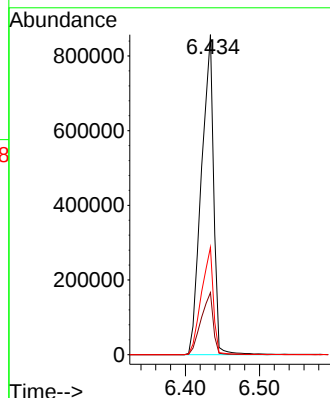
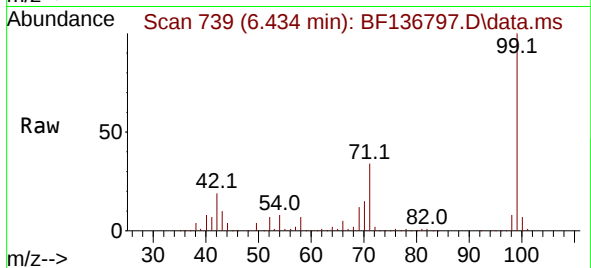




#7
Phenol-d6
Concen: 138.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

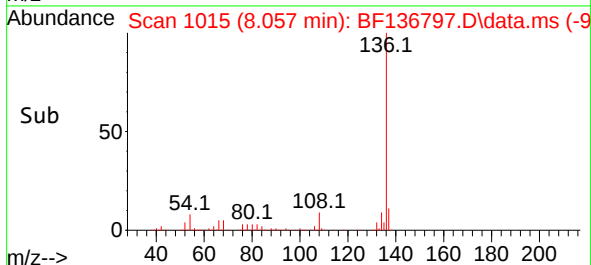
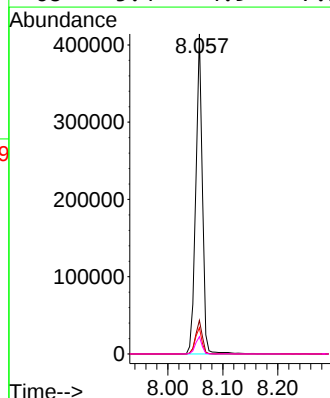
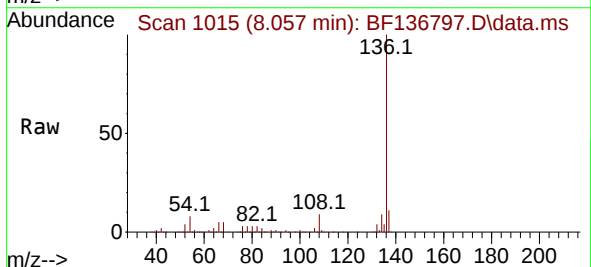
Instrument :
BNA_F
ClientSampleId :
PB157953BL

Tgt Ion: 99 Resp: 982354
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion:136 Resp: 342467
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.2 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.246 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB157953BL

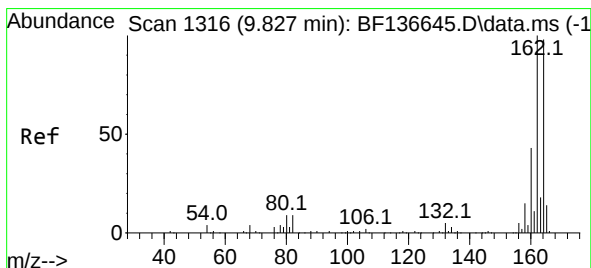
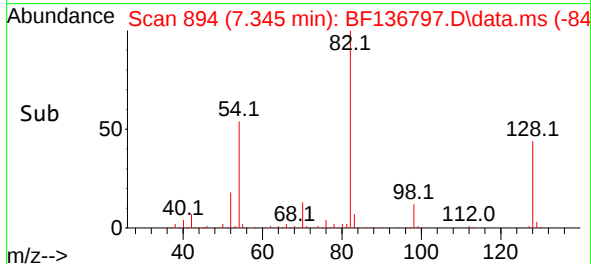
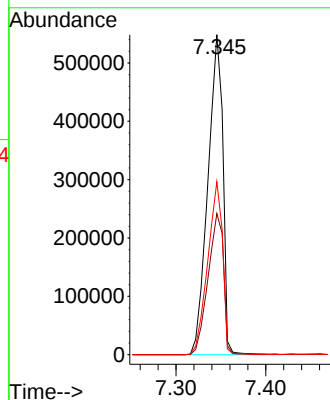
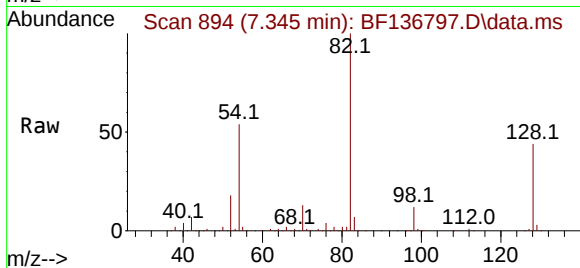
Tgt Ion: 82 Resp: 637441

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 54.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

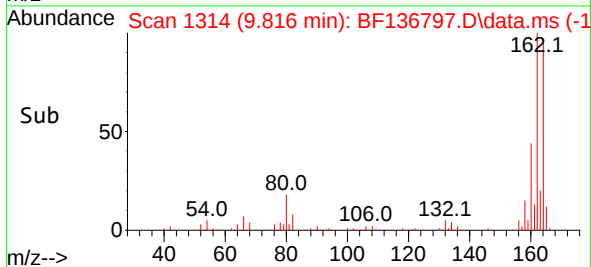
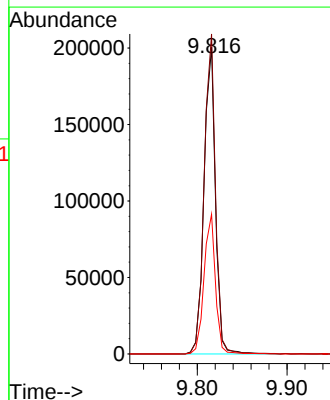
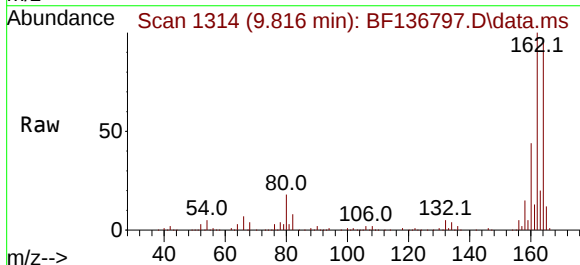
Tgt Ion:164 Resp: 177306

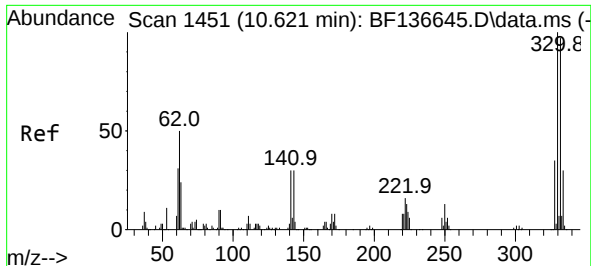
Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 139.567 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136797.D

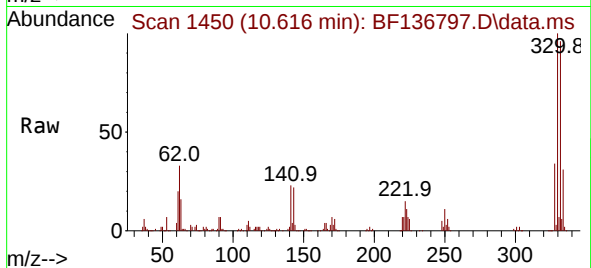
Acq: 28 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB157953BL



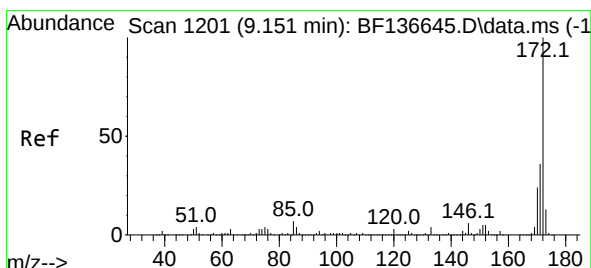
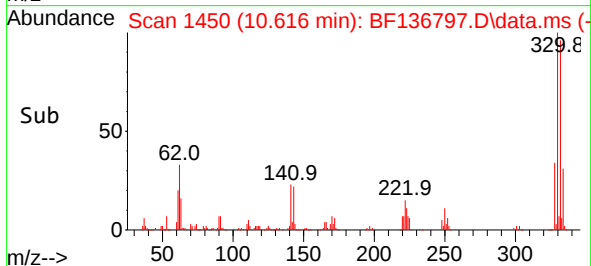
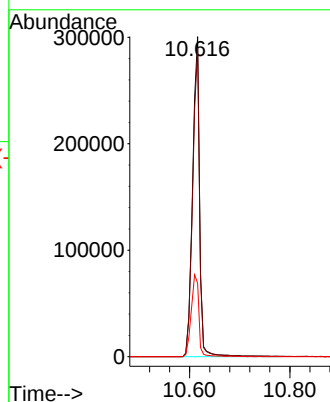
Tgt Ion:330 Resp: 291441

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.772 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

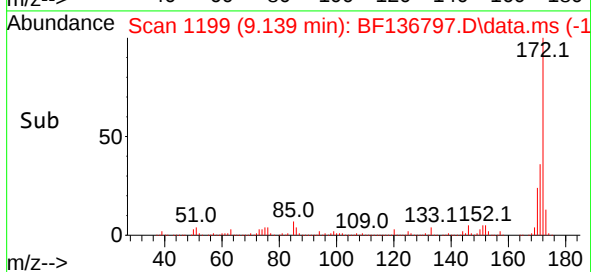
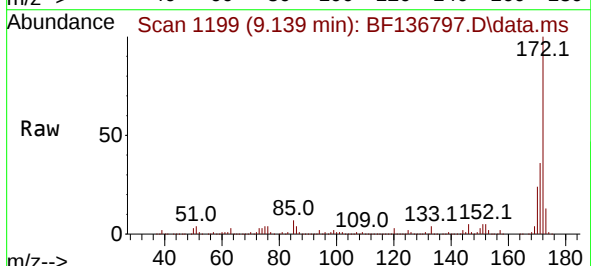
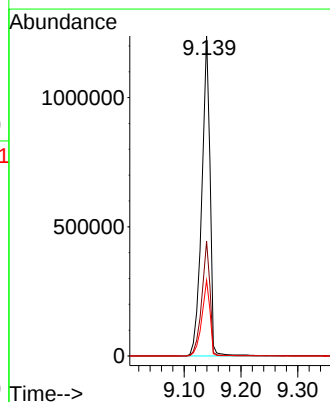
Tgt Ion:172 Resp: 1249357

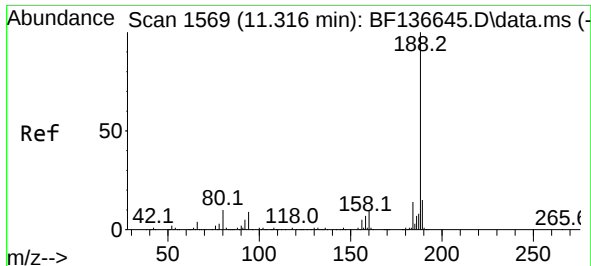
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.7 19.0 28.4

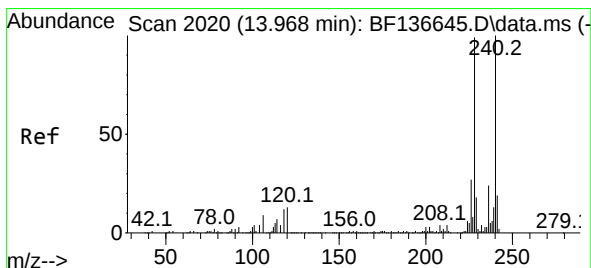
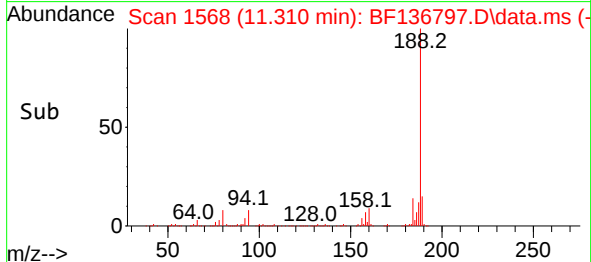
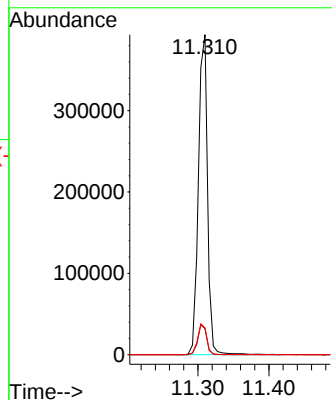
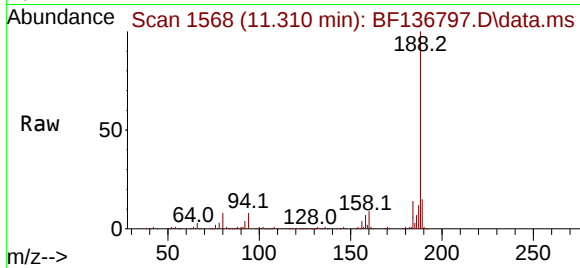




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

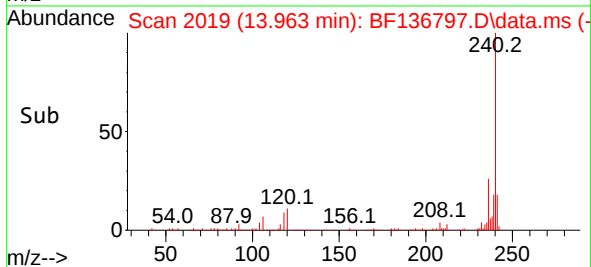
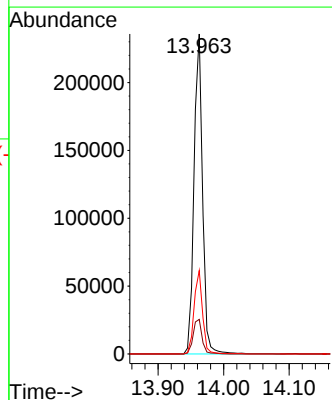
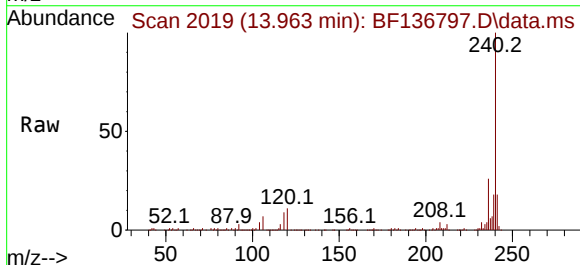
Instrument :
BNA_F
ClientSampleId :
PB157953BL

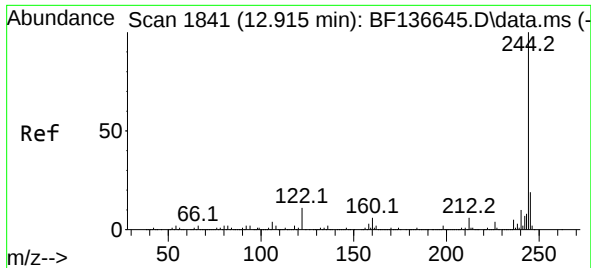
Tgt Ion:188 Resp: 352280
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

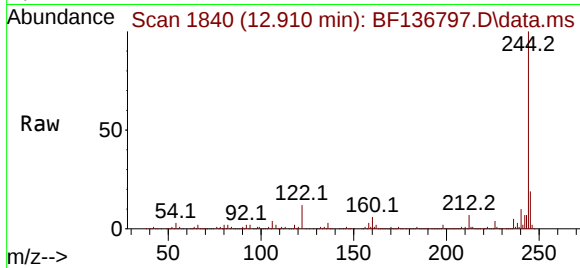
Tgt Ion:240 Resp: 213962
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.0 19.4 29.2





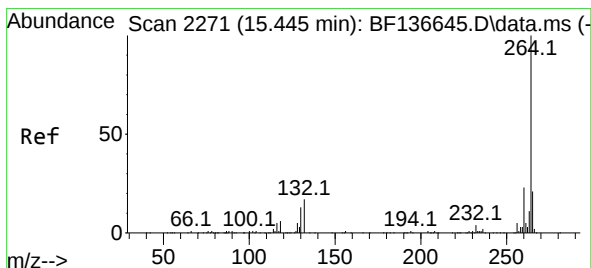
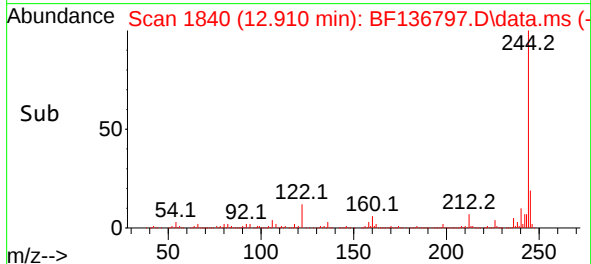
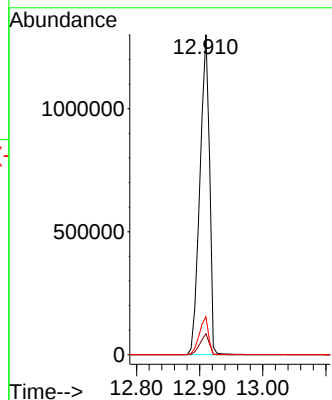
#79
 Terphenyl-d14
 Concen: 89.274 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136797.D
 Acq: 28 Dec 2023 17:11

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1366849

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.9	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136797.D
 Acq: 28 Dec 2023 17:11

Tgt Ion:264 Resp: 178433

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.2	17.0	25.6

