

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136621.D
 Acq On : 18 Dec 2023 18:39
 Operator : CG\JU
 Sample : 05805-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-12122023RE

Quant Time: Dec 19 01:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

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

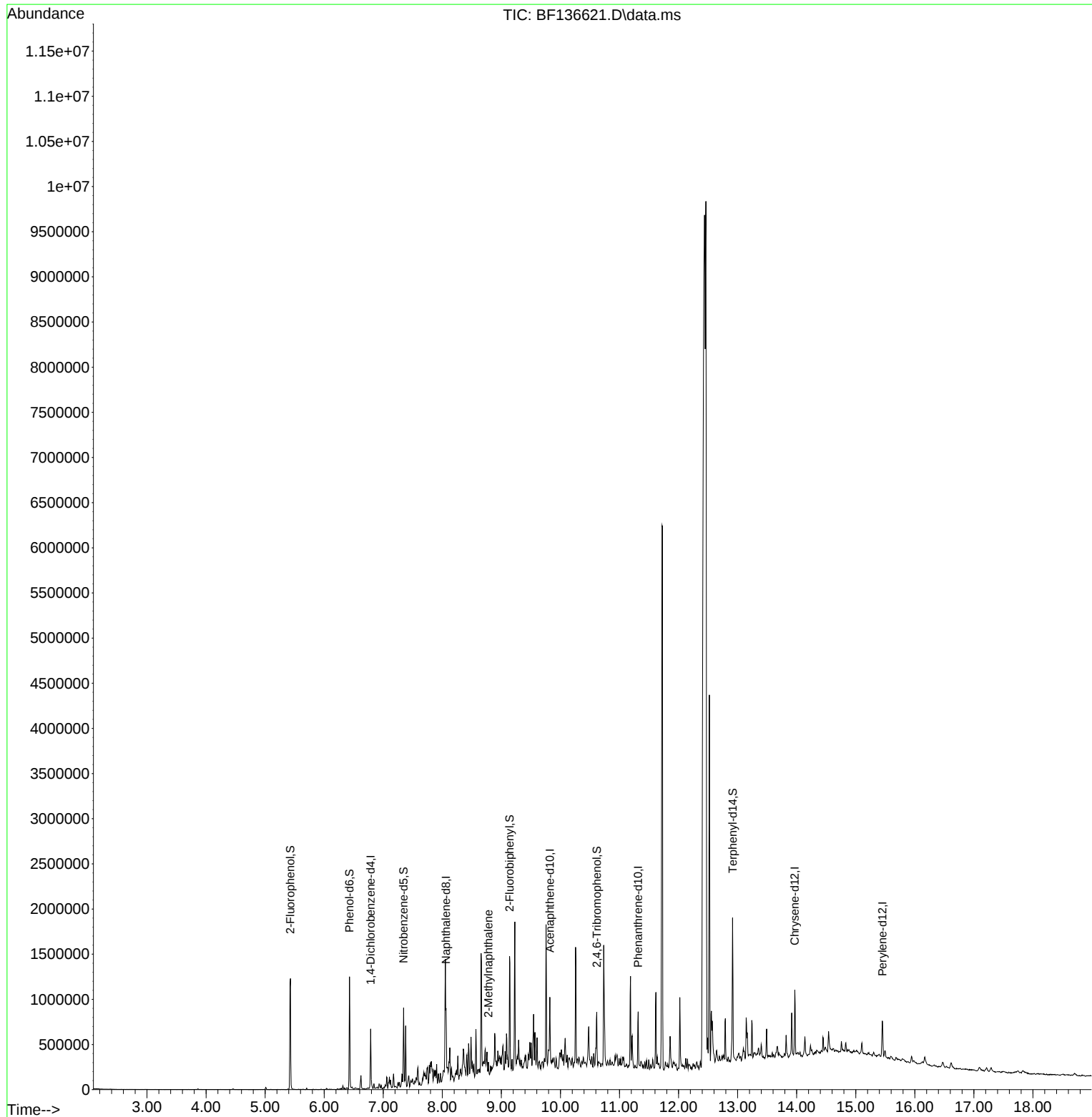
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90400	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	307086	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	125520	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	228771	20.000	ng	0.00
76) Chrysene-d12	13.968	240	240468	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	198426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	358022	58.489	ng	0.00
7) Phenol-d6	6.428	99	414398	54.261	ng	-0.02
23) Nitrobenzene-d5	7.345	82	235017	41.373	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	79091	51.103	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	402288	43.732	ng	-0.01
79) Terphenyl-d14	12.916	244	496912	27.237	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.780	142	25950	2.409	ng	Qvalue 89

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

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Quant Time: Dec 19 01:05:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 00:56:37 2023
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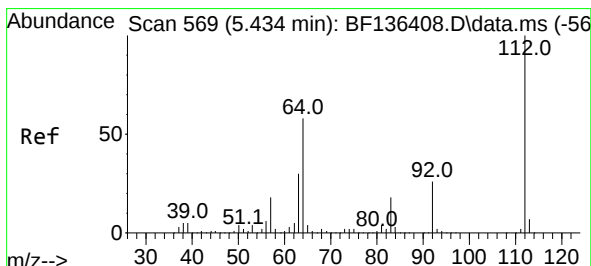
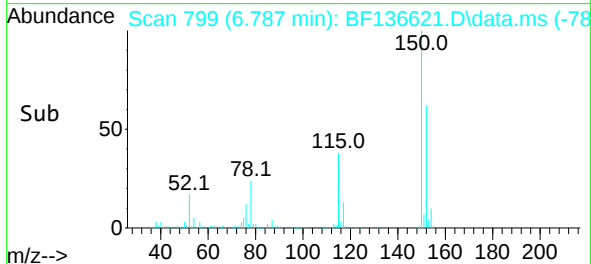
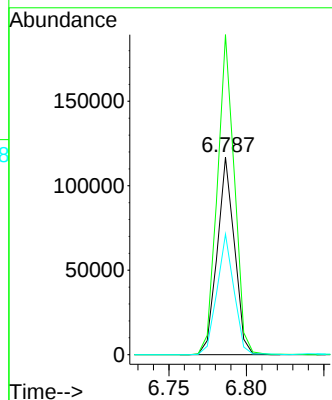
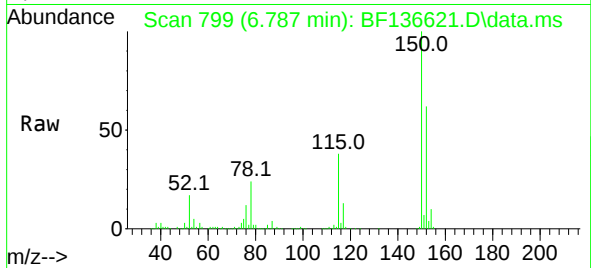




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

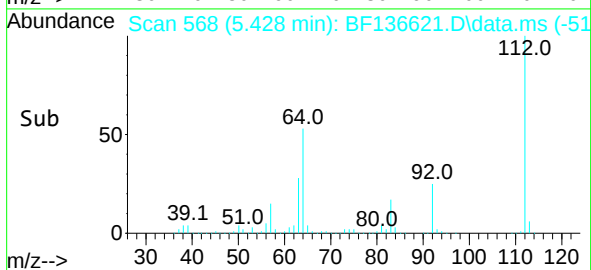
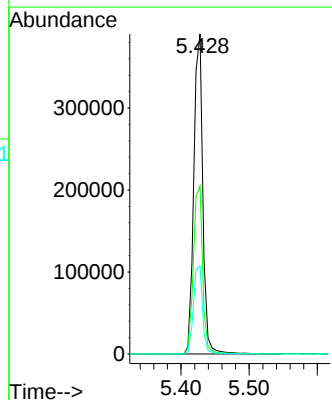
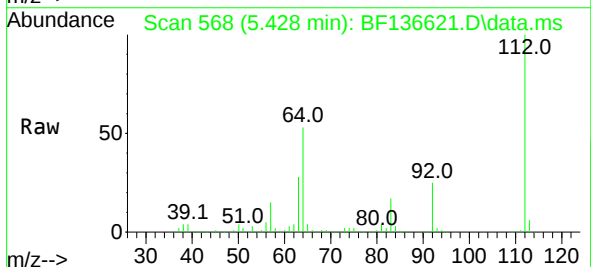
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

Tgt Ion:152 Resp: 90400
Ion Ratio Lower Upper
152 100
150 161.9 126.4 189.6
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 58.489 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

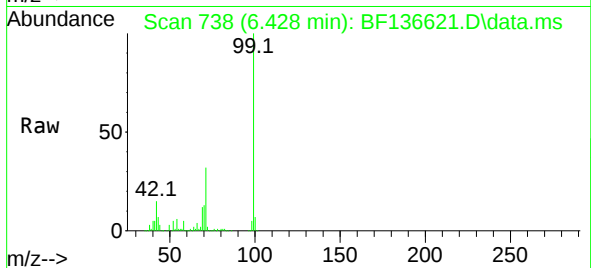
Tgt Ion:112 Resp: 358022
Ion Ratio Lower Upper
112 100
64 52.5 46.5 69.7
63 27.5 23.9 35.9





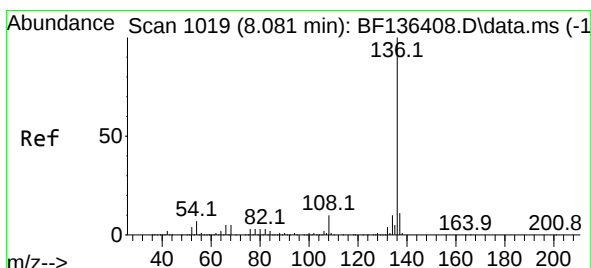
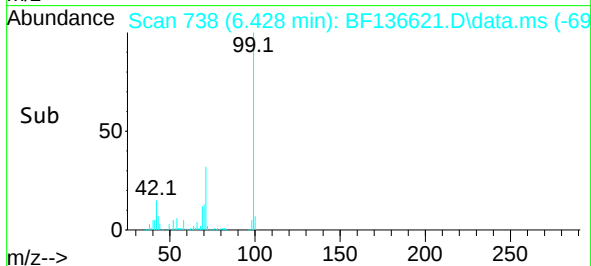
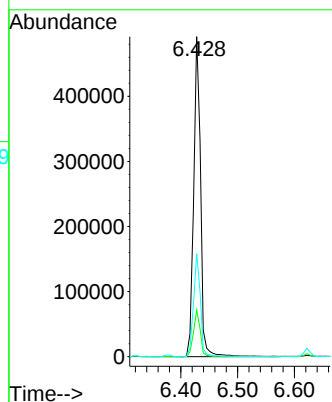
#7
Phenol-d6
Concen: 54.261 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE



Tgt Ion: 99 Resp: 414398

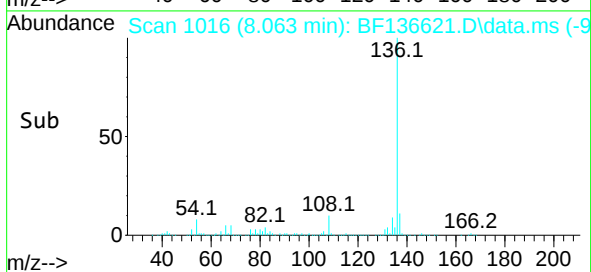
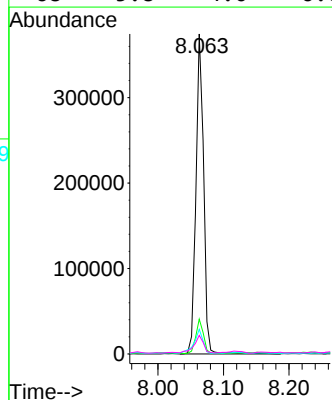
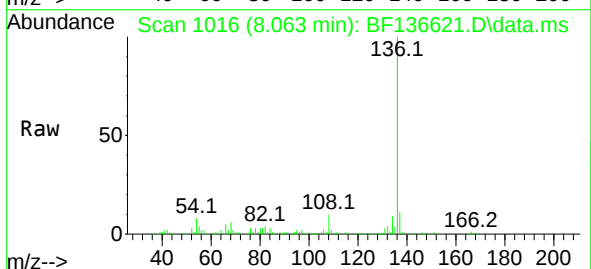
Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	32.2	27.0	40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

Tgt Ion: 136 Resp: 307086

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	5.7	8.5
68	5.8	4.0	6.0

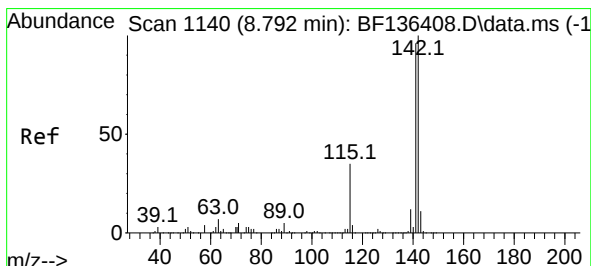
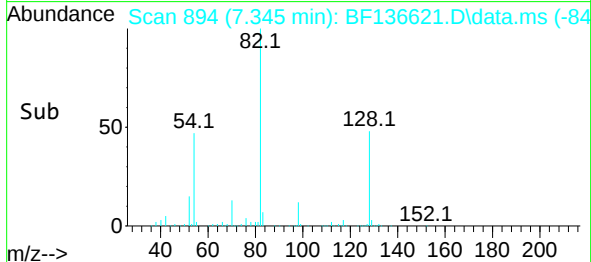
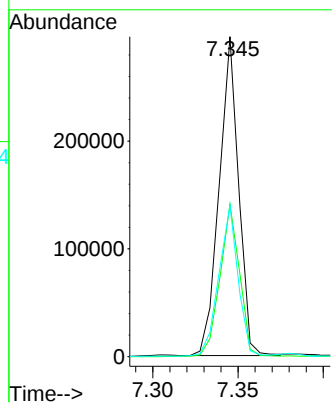
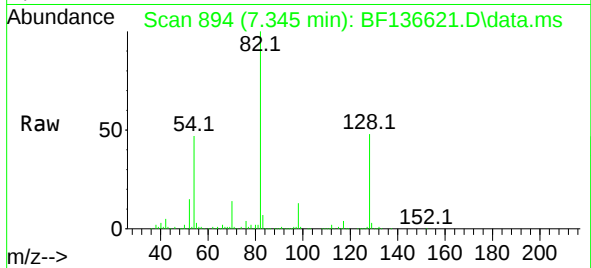




#23
Nitrobenzene-d5
Concen: 41.373 ng
RT: 7.345 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

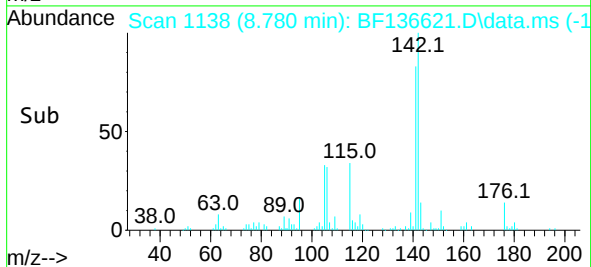
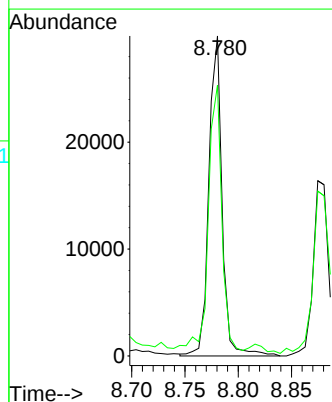
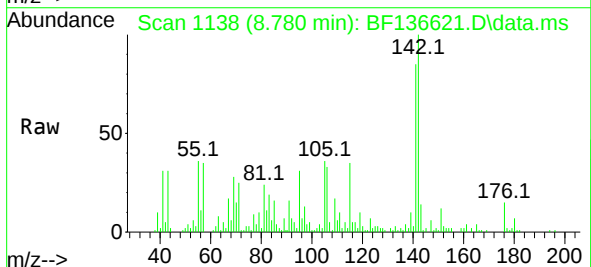
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

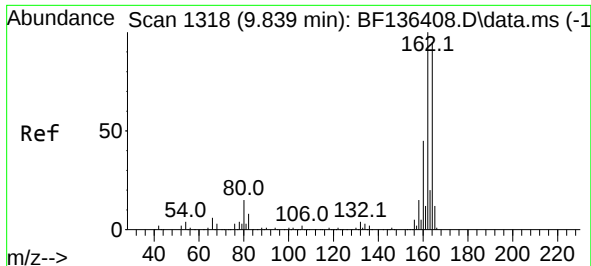
Tgt Ion: 82 Resp: 235017
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 47.3 39.0 58.6



#37
2-Methylnaphthalene
Concen: 2.409 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

Tgt Ion: 142 Resp: 25950
Ion Ratio Lower Upper
142 100
141 84.6 76.4 114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136621.D

Acq: 18 Dec 2023 18:39

Instrument :

BNA_F

ClientSampleId :

HR-04-12122023RE

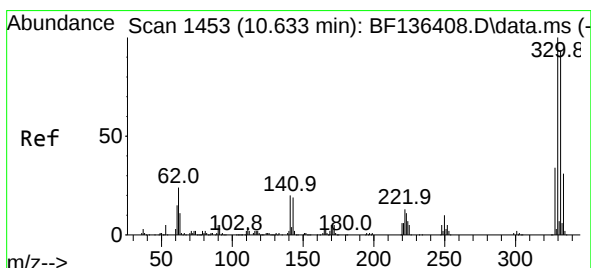
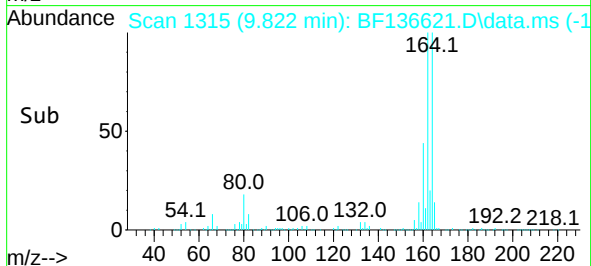
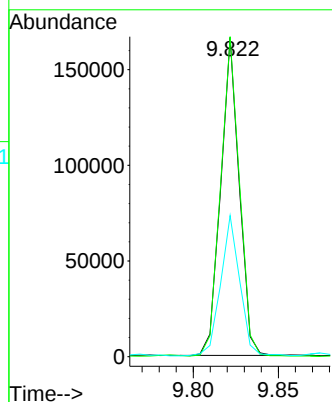
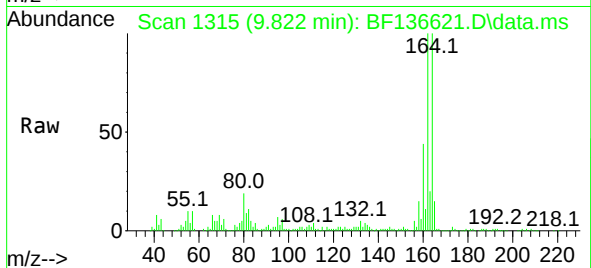
Tgt Ion:164 Resp: 125520

Ion Ratio Lower Upper

164 100

162 100.2 84.4 126.6

160 44.2 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 51.103 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF136621.D

Acq: 18 Dec 2023 18:39

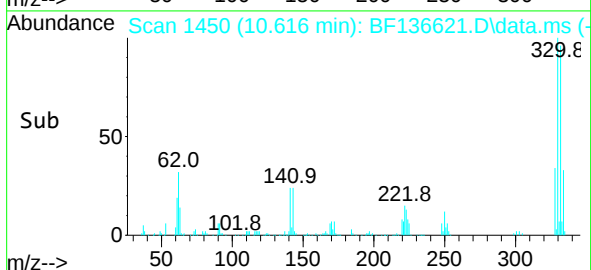
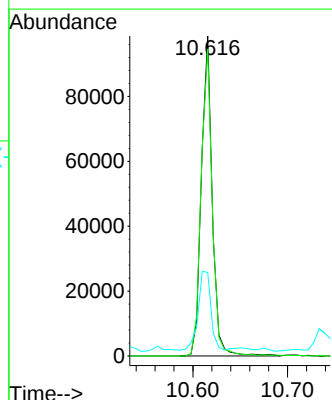
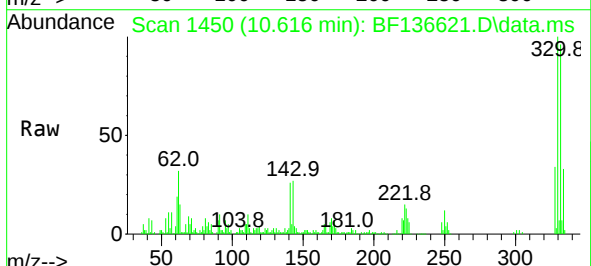
Tgt Ion:330 Resp: 79091

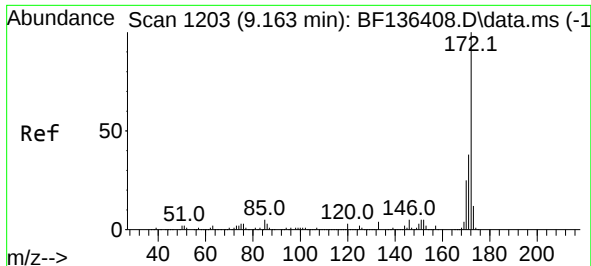
Ion Ratio Lower Upper

330 100

332 99.2 76.4 114.6

141 28.7 23.4 35.2

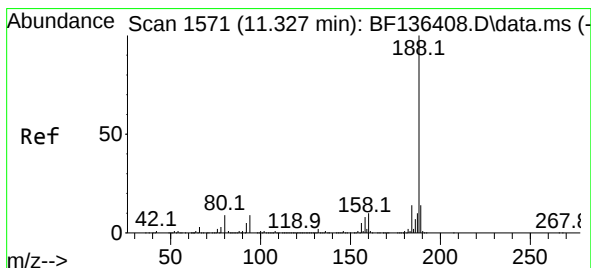
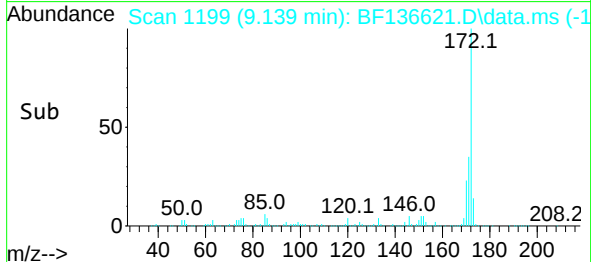
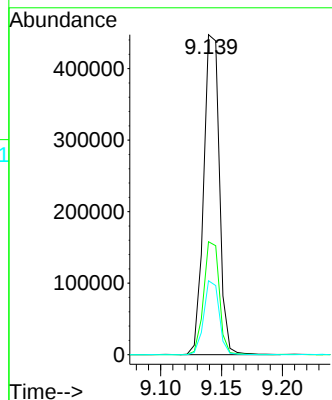
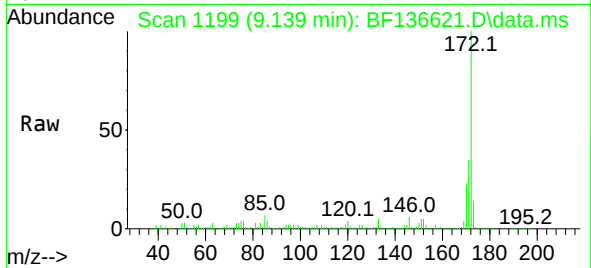




#45
2-Fluorobiphenyl
Concen: 43.732 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

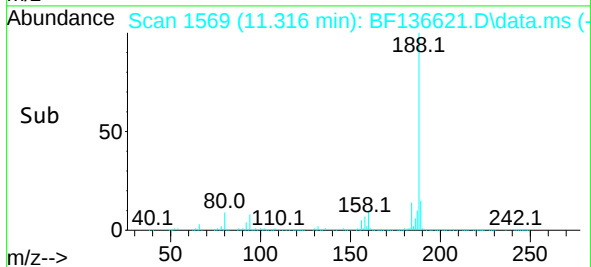
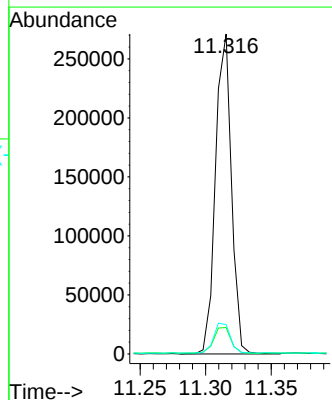
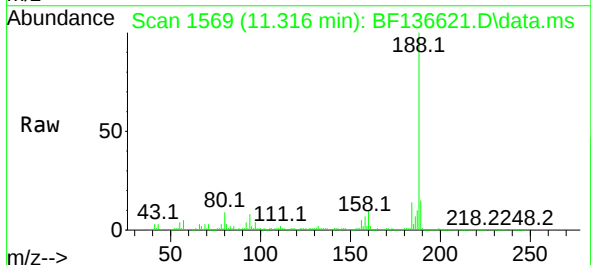
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

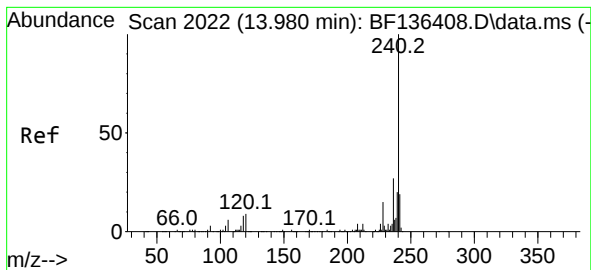
Tgt Ion:172 Resp: 402288
Ion Ratio Lower Upper
172 100
171 35.3 30.5 45.7
170 23.1 19.9 29.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

Tgt Ion:188 Resp: 228771
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.1 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136621.D

Acq: 18 Dec 2023 18:39

Instrument :

BNA_F

ClientSampleId :

HR-04-12122023RE

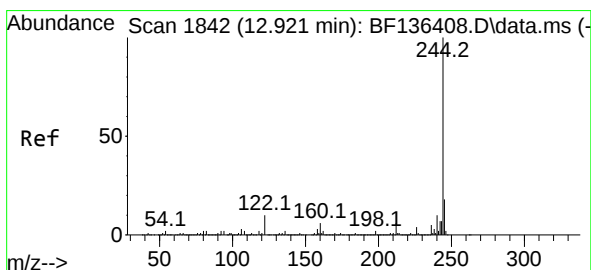
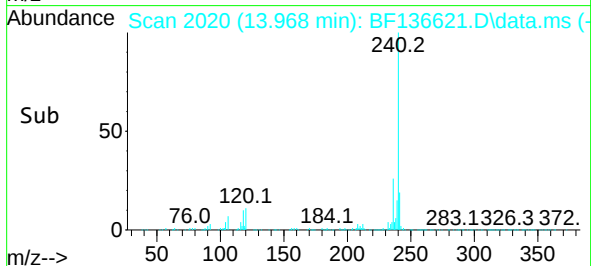
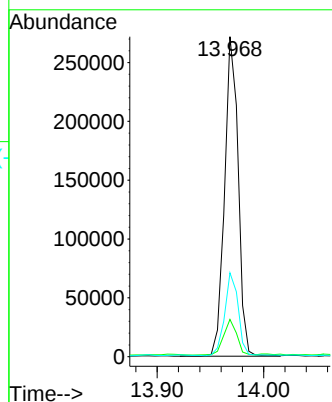
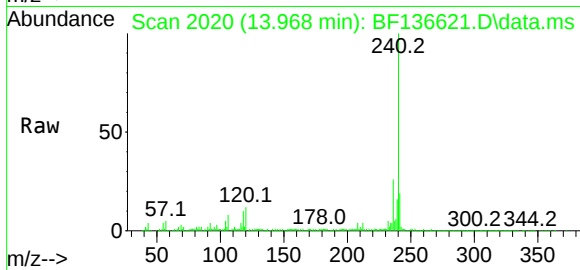
Tgt Ion:240 Resp: 240468

Ion Ratio Lower Upper

240 100

120 11.6 7.3 10.9#

236 26.2 21.3 31.9



#79

Terphenyl-d14

Concen: 27.237 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136621.D

Acq: 18 Dec 2023 18:39

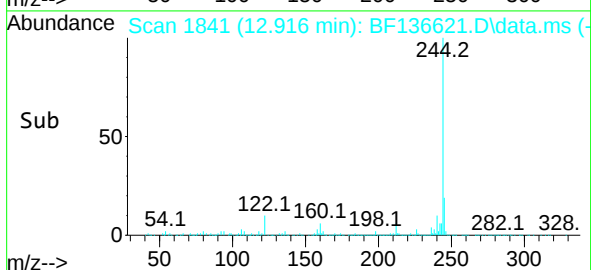
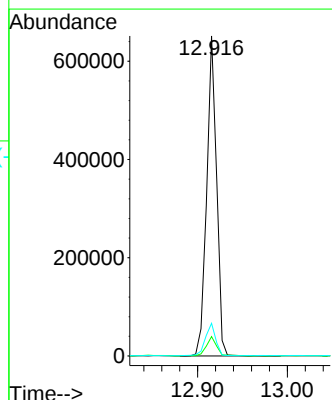
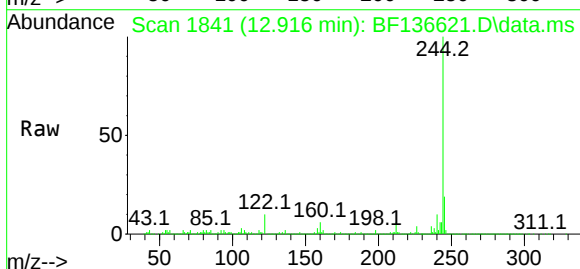
Tgt Ion:244 Resp: 496912

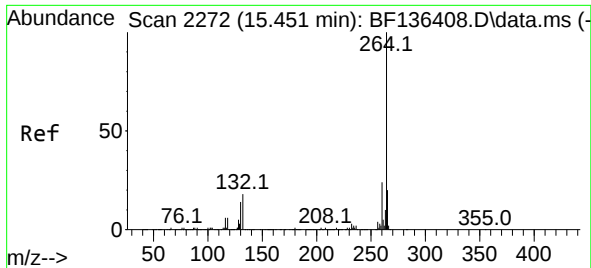
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136621.D
 Acq: 18 Dec 2023 18:39

Instrument :
 BNA_F
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 HR-04-12122023RE

Tgt Ion:264 Resp: 198426
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.0 15.9 23.9

