

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)

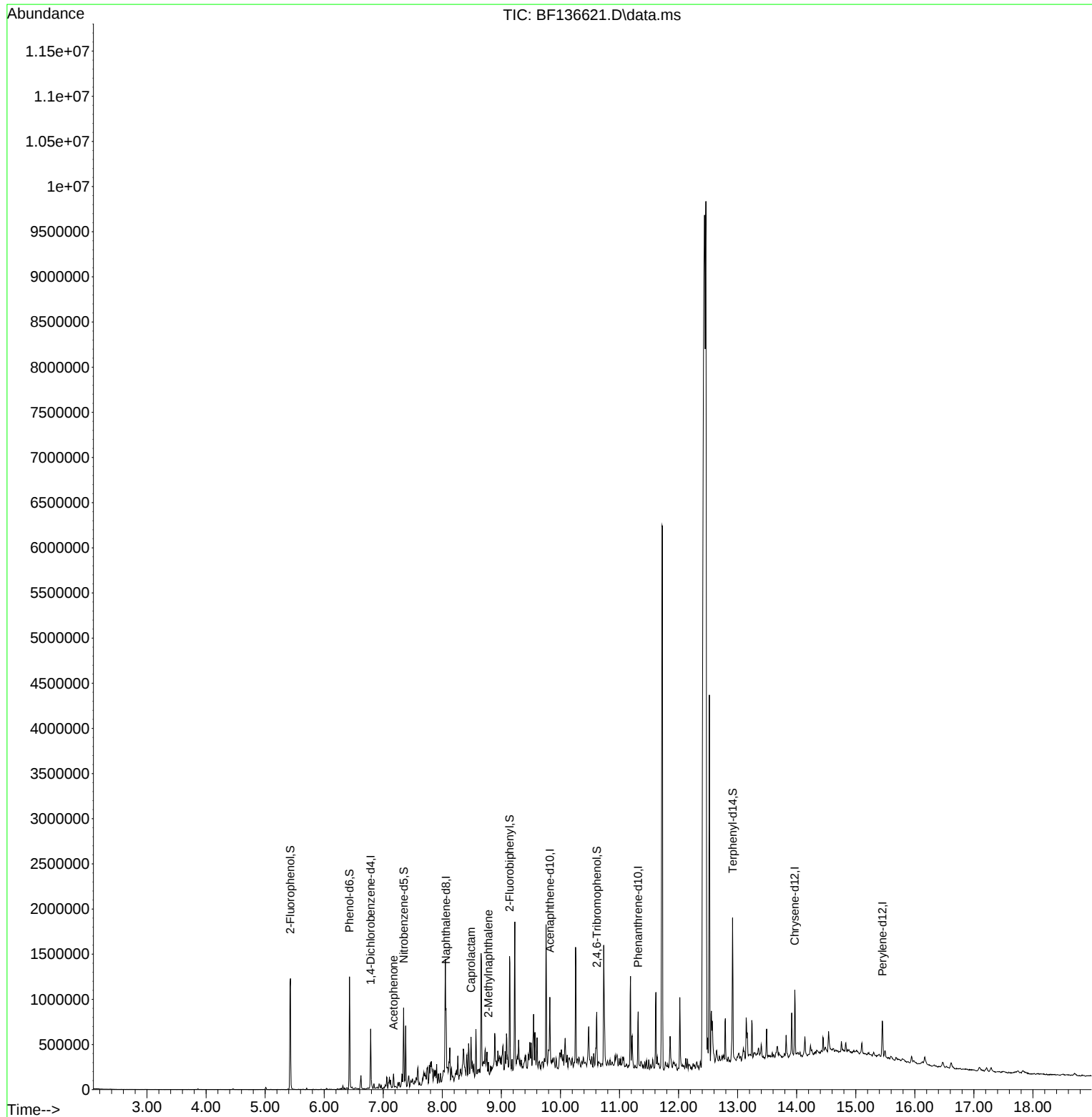
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90400	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	307086	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	125520	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	228771	20.000	ng	0.00
76) Chrysene-d12	13.968	240	240468	20.000	ng	# 0.00
86) Perylene-d12	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						
					Qvalue	
9) Benzaldehyde	6.345	77	605	Below Cal	#	1
22) Acetophenone	7.175	105	18297	2.413	ng	# 50
35) Caprolactam	8.486	113	9823	6.976	ng	# 1
37) 2-Methylnaphthalene	8.780	142	25950	2.409	ng	89
77) Benzidine	12.639	184	427	Below Cal	#	1

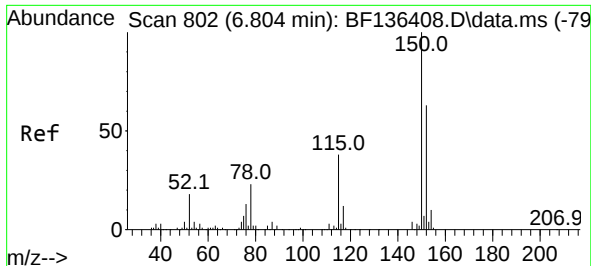
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136621.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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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

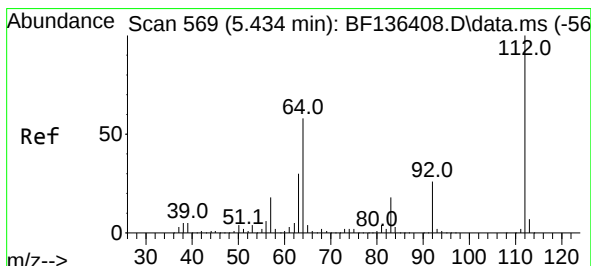
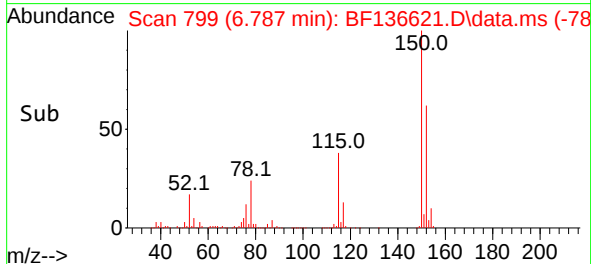
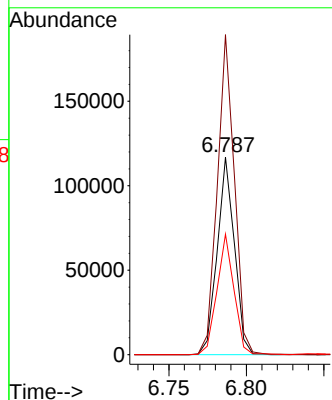
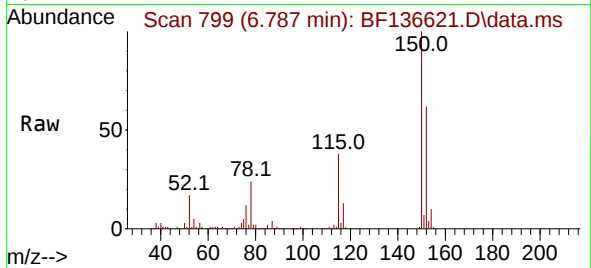




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

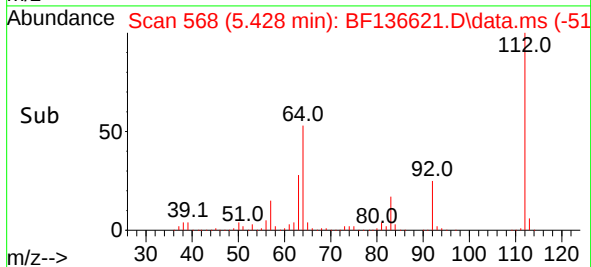
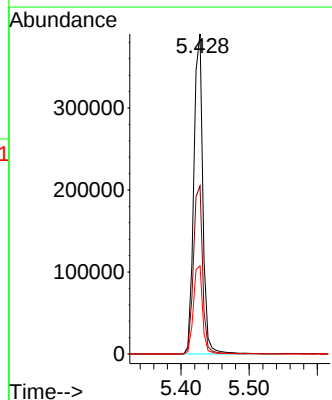
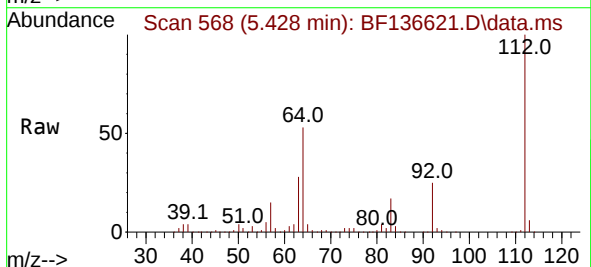
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

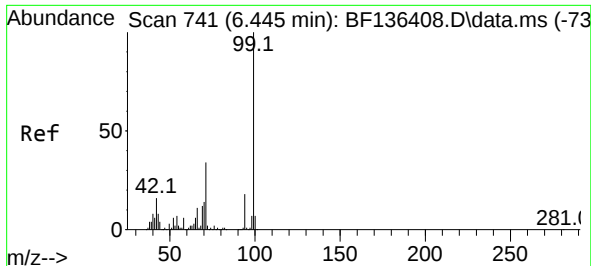
Tgt Ion:152 Resp: 90400
Ion Ratio Lower Upper
152 100
150 161.9 126.4 189.6
115 61.0 48.2 72.4



#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

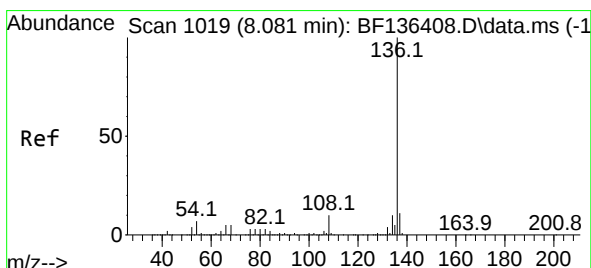
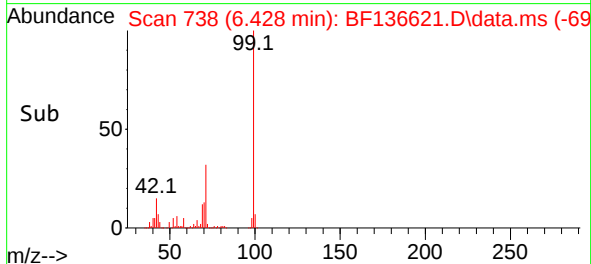
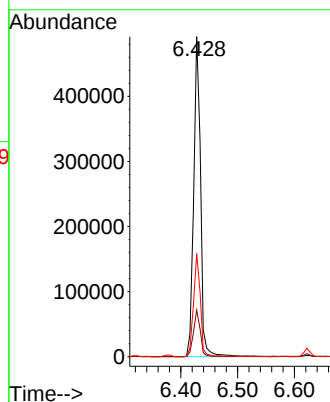
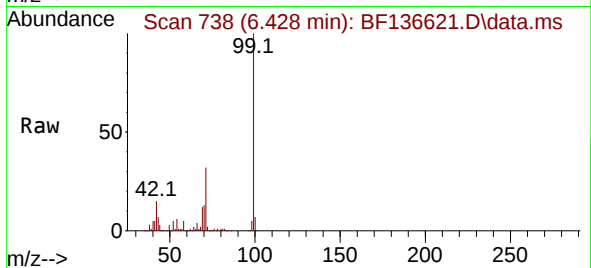




#7
Phenol-d6
Concen: 54.261 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

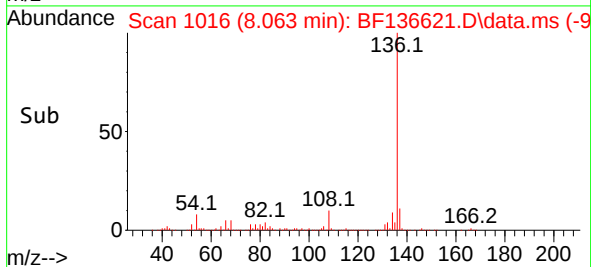
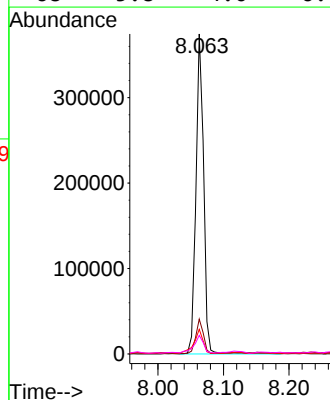
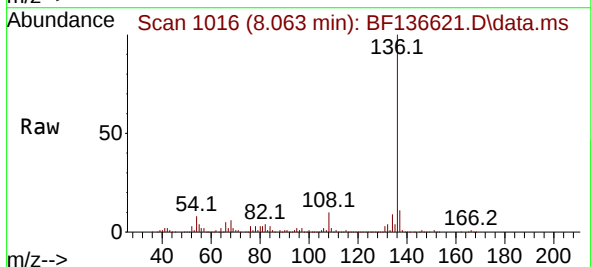
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

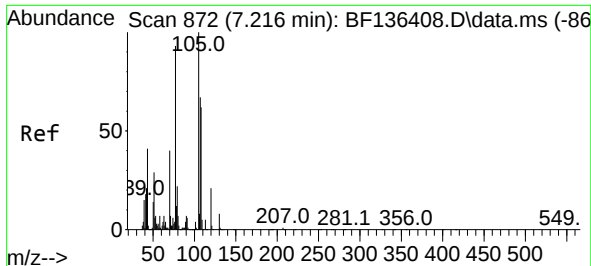
Tgt Ion: 99 Resp: 414398
Ion Ratio Lower Upper
99 100
42 14.6 12.8 19.2
71 32.2 27.0 40.4



#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

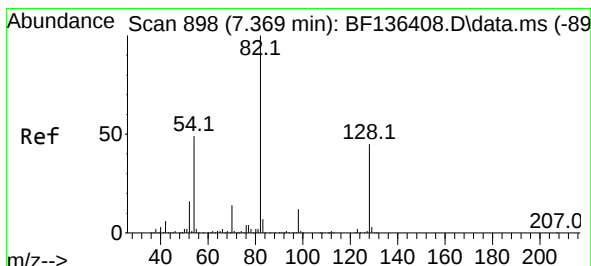
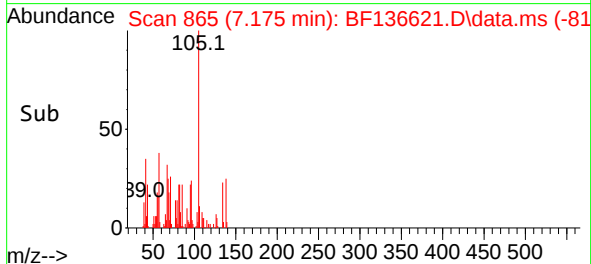
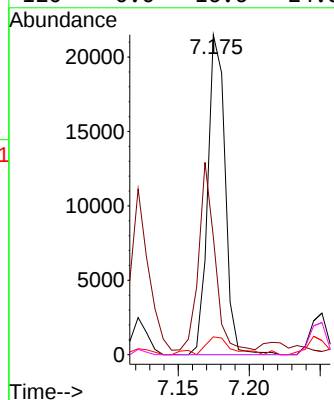
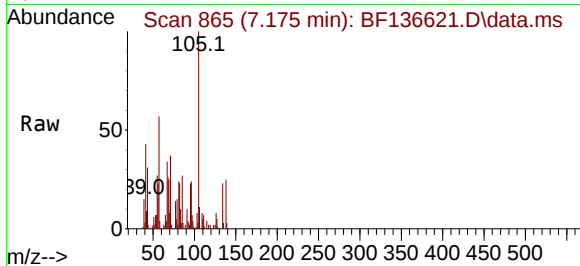




#22
Acetophenone
Concen: 2.413 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

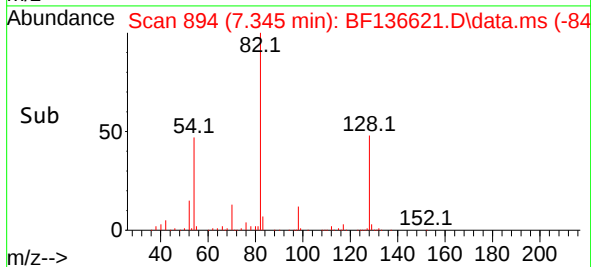
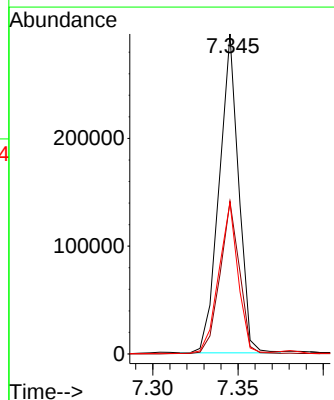
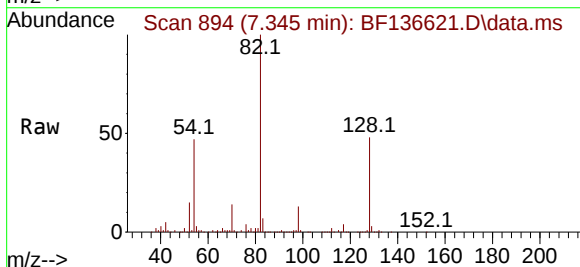
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023RE

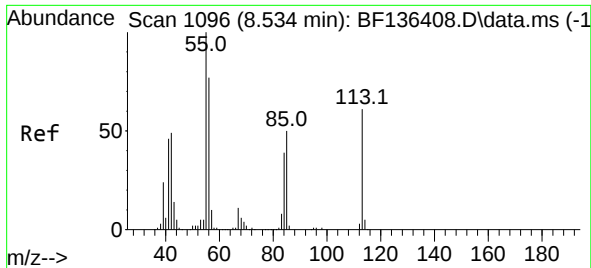
Tgt Ion:	105	Resp:	18297
Ion	Ratio	Lower	Upper
105	100		
71	36.8	5.4	8.0#
51	5.5	23.4	35.2#
120	0.0	16.6	24.8#



#23
Nitrobenzene-d5
Concen: 41.373 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

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

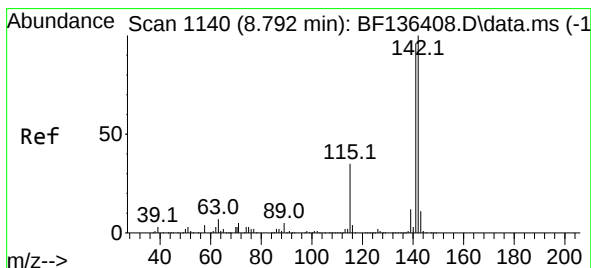
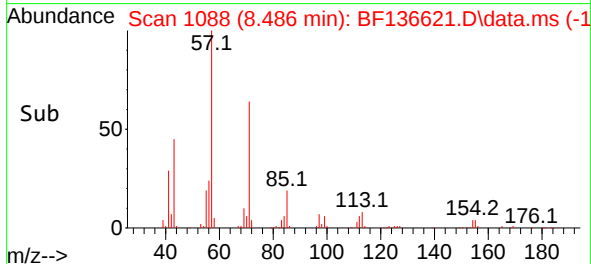
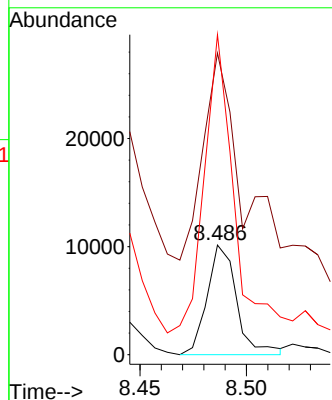
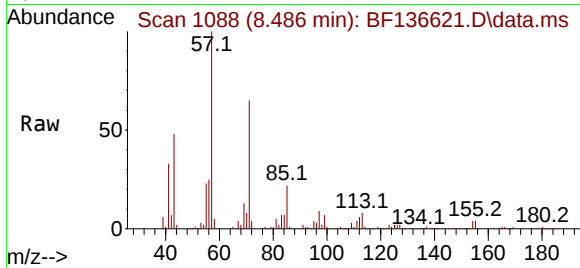




#35
 Caprolactam
 Concen: 6.976 ng
 RT: 8.486 min Scan# 1108
 Delta R.T. -0.041 min
 Lab File: BF136621.D
 Acq: 18 Dec 2023 18:39

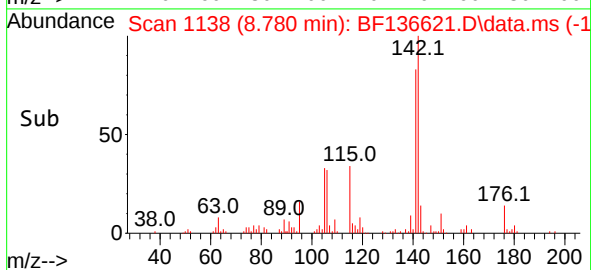
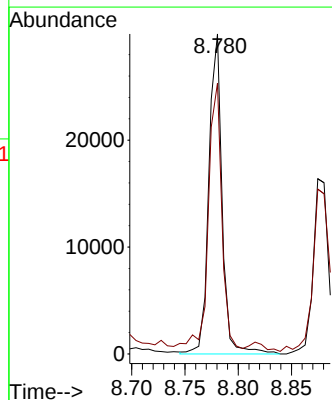
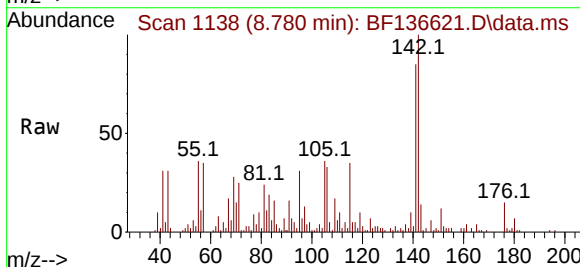
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-12122023RE

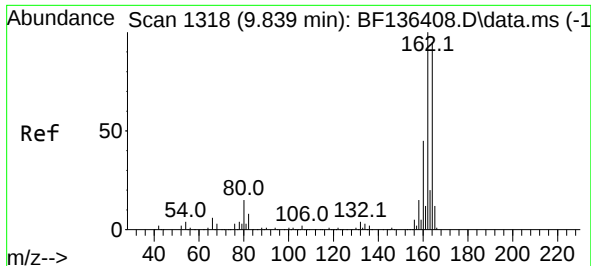
Tgt Ion:113 Resp: 9823
 Ion Ratio Lower Upper
 113 100
 55 275.2 143.7 183.7#
 56 292.0 105.2 145.2#



#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

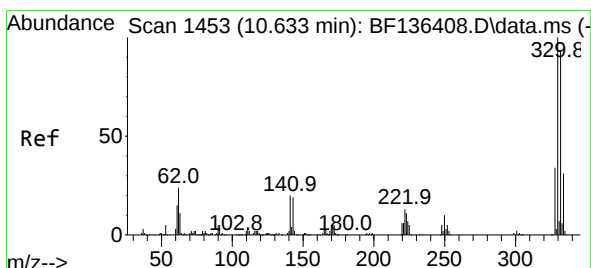
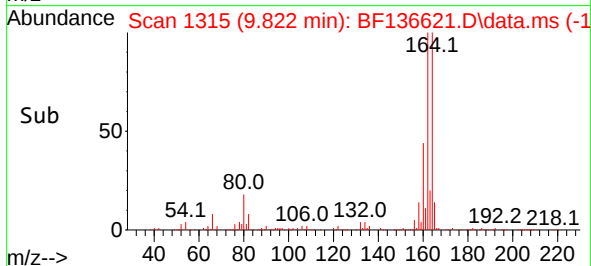
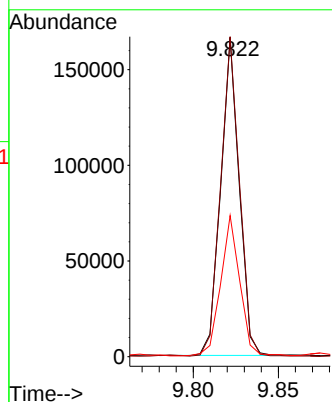
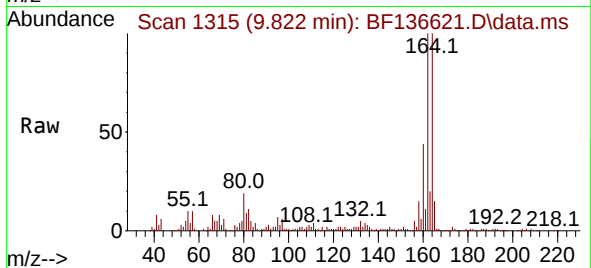
Tgt Ion:164 Resp: 125520

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

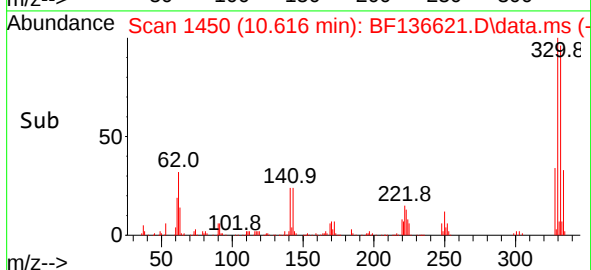
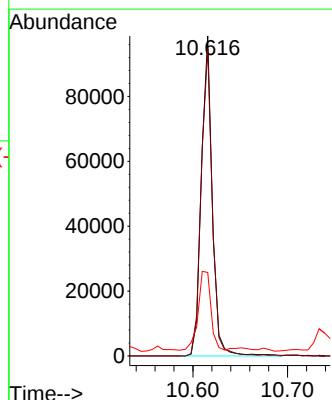
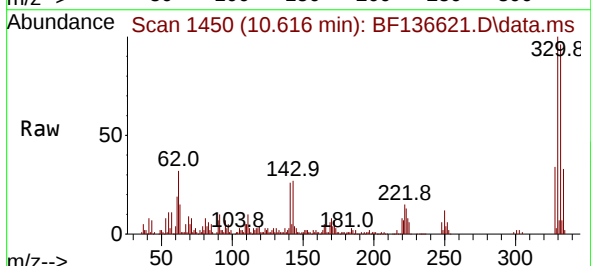
Tgt Ion:330 Resp: 79091

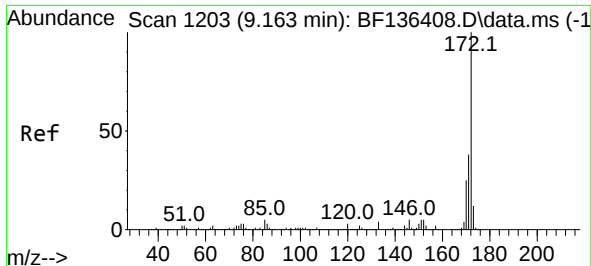
Ion Ratio Lower Upper

330 100

332 99.2 76.4 114.6

141 28.7 23.4 35.2

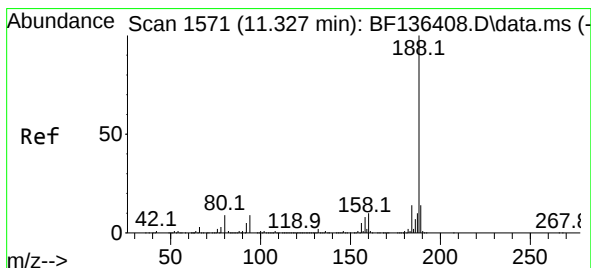
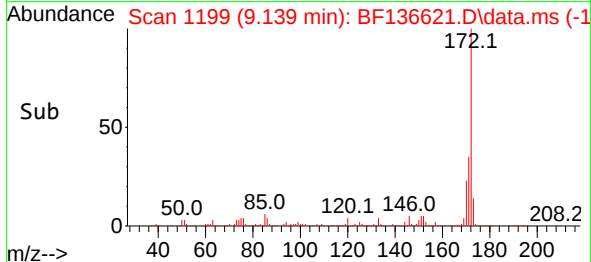
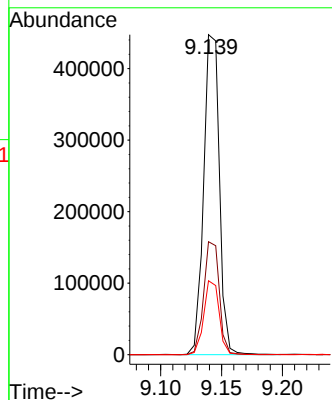
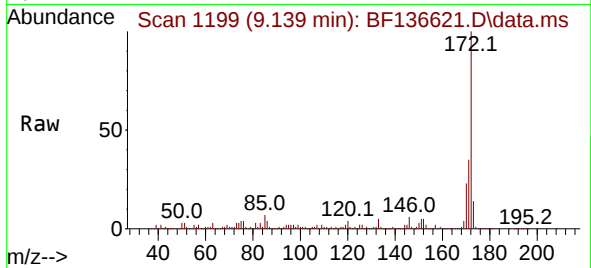




#45
2-Fluorobiphenyl
Concen: 43.732 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136621.D
Acq: 18 Dec 2023 18:39

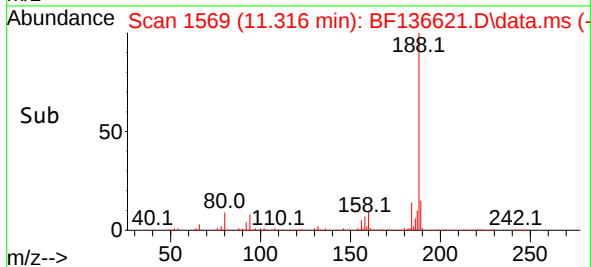
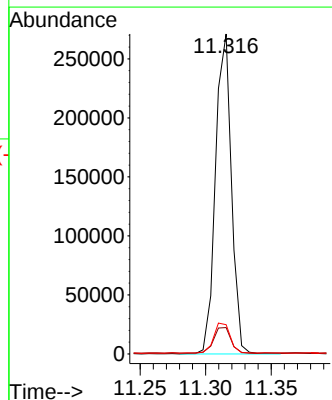
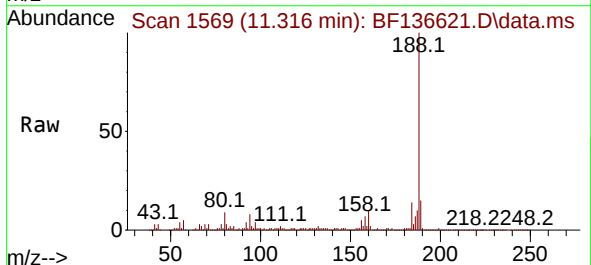
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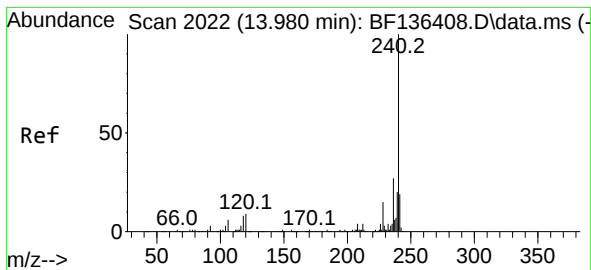
Tgt Ion:172 Resp: 402288
Ion Ratio Lower Upper
172 100
171 35.3 30.5 45.7
170 23.1 19.9 29.9



#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

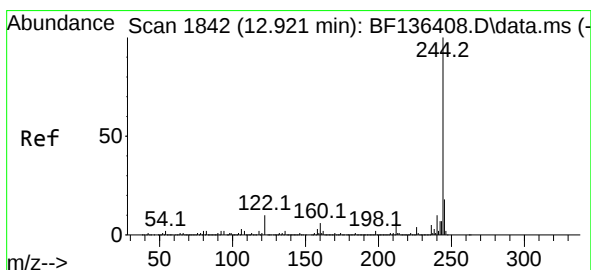
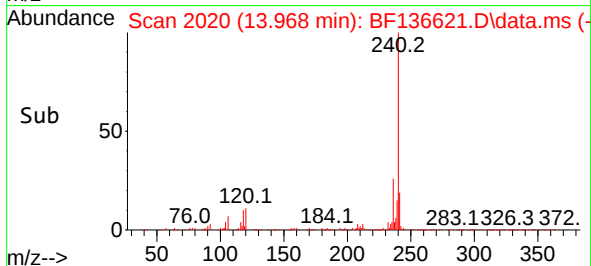
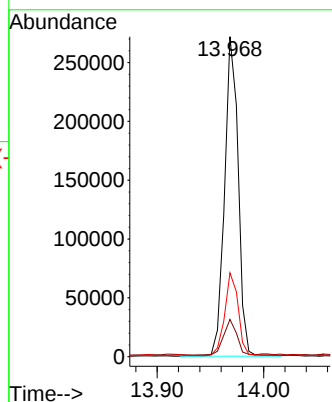
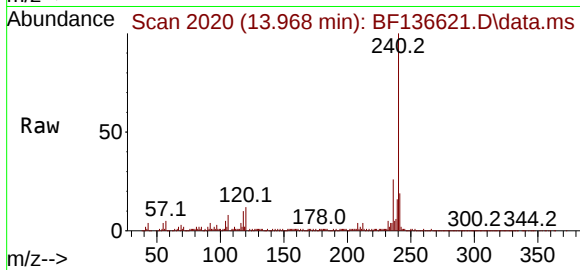
Tgt Ion:240 Resp: 240468

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

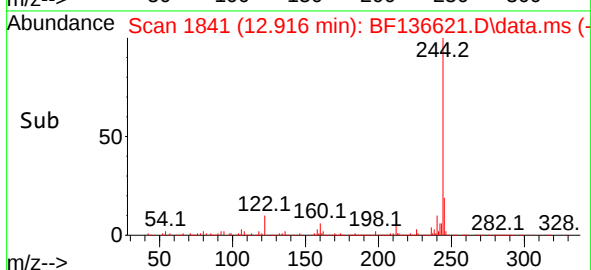
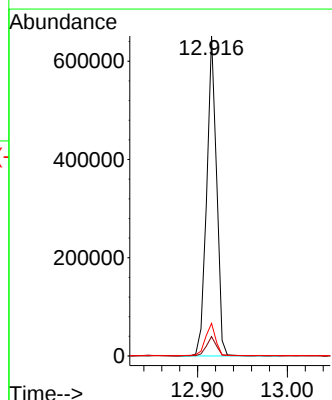
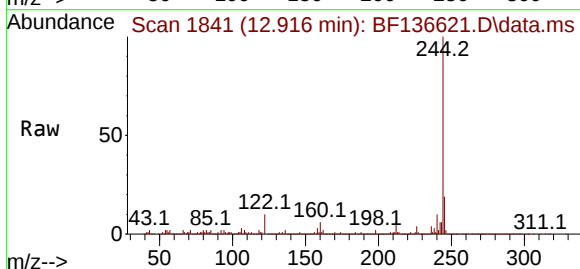
Tgt Ion:244 Resp: 496912

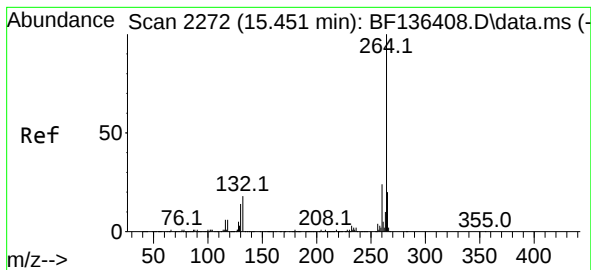
Ion Ratio Lower Upper

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
ClientSampleId :
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

