

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136514.D
 Acq On : 12 Dec 2023 14:11
 Operator : CG\JU
 Sample : 05628-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Dec 12 14:37:59 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)

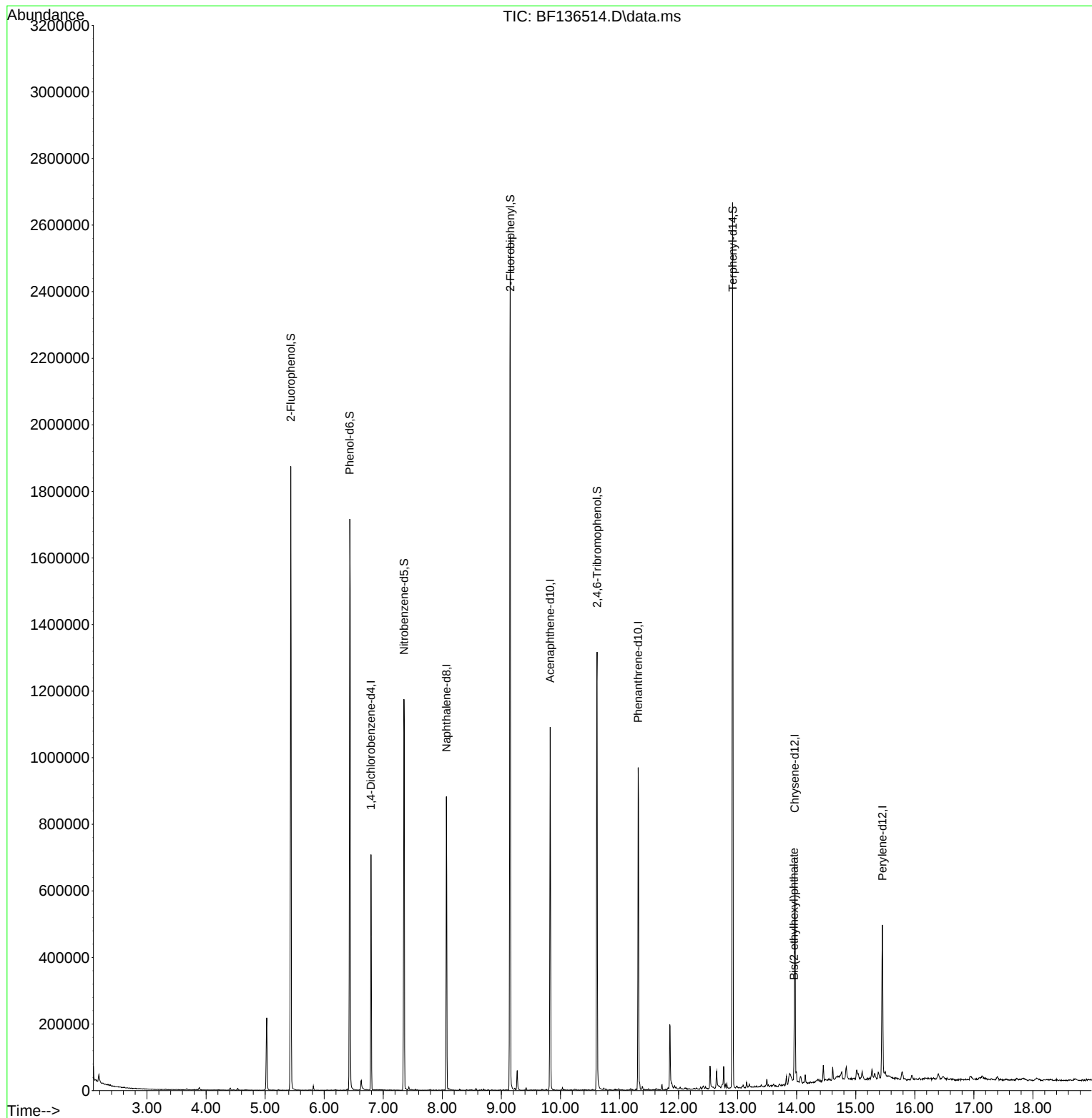
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	96214	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	378627	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	199170	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	370262	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	214560	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	212740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	509571	78.216	ng	0.00
7) Phenol-d6	6.434	99	653933	80.451	ng	-0.01
23) Nitrobenzene-d5	7.351	82	394235	56.289	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	183106	74.561	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	793122	54.336	ng	-0.01
79) Terphenyl-d14	12.915	244	885540	54.399	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.957	149	25232	2.752	ng	# 90

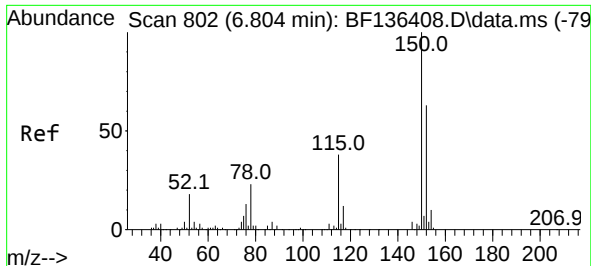
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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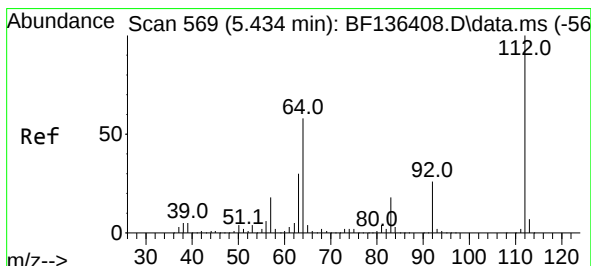
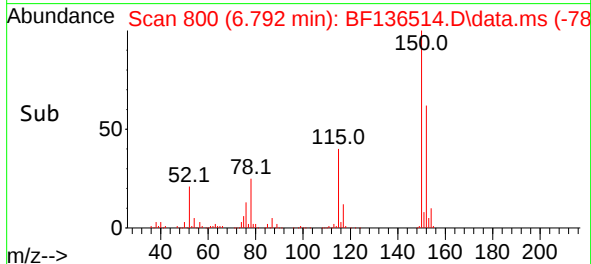
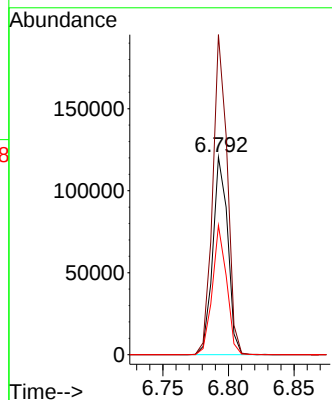
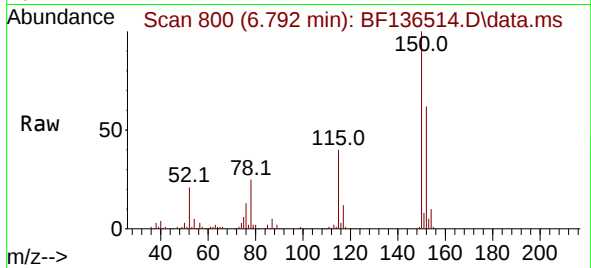




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

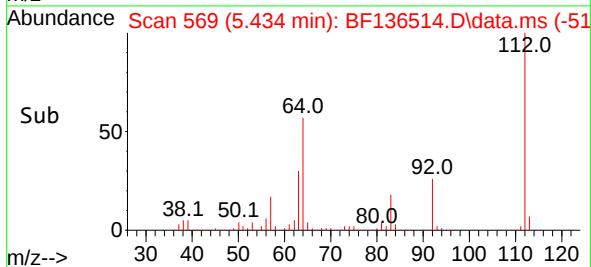
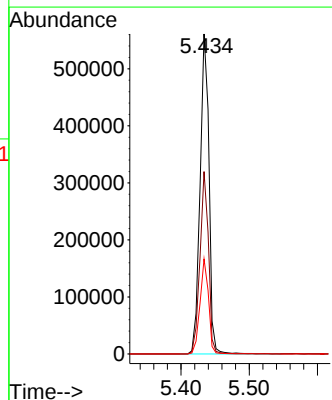
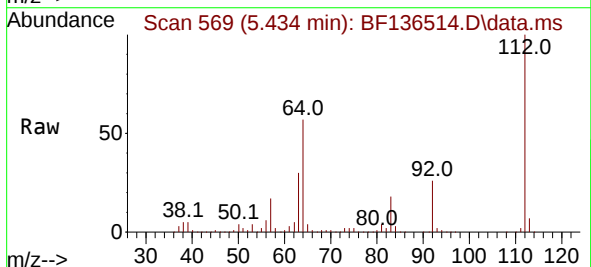
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

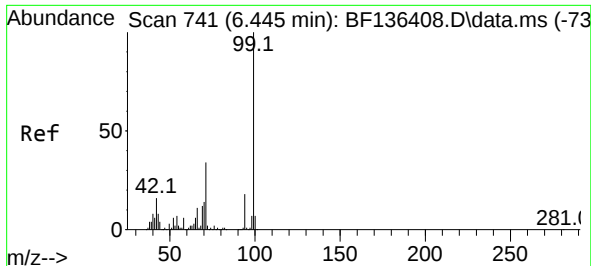
Tgt Ion:152 Resp: 96214
Ion Ratio Lower Upper
152 100
150 161.9 126.4 189.6
115 65.4 48.2 72.4



#5
2-Fluorophenol
Concen: 78.216 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion:112 Resp: 509571
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 29.7 23.9 35.9

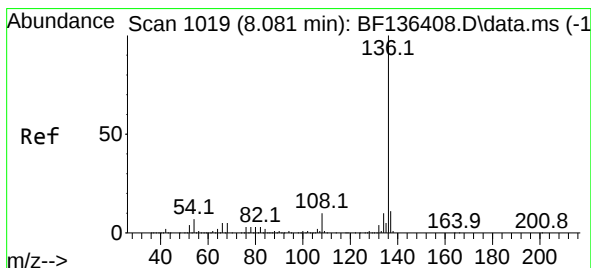
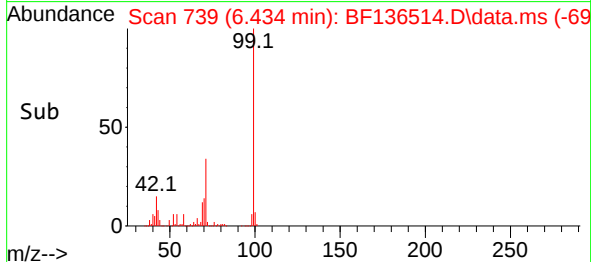
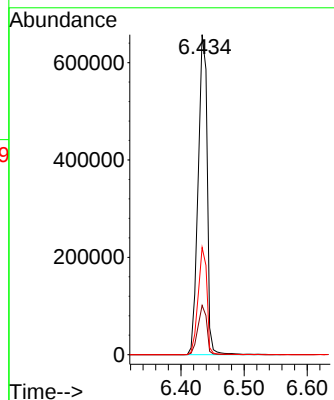
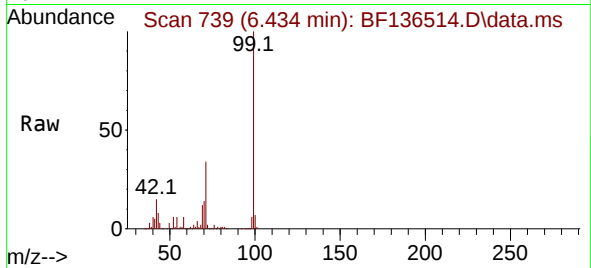




#7
Phenol-d6
Concen: 80.451 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

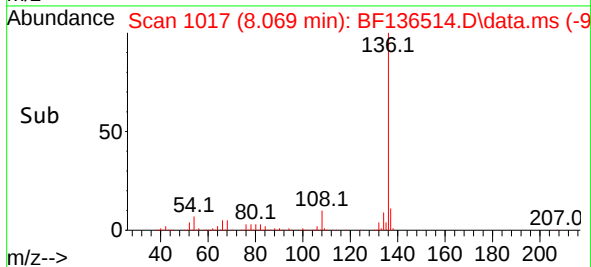
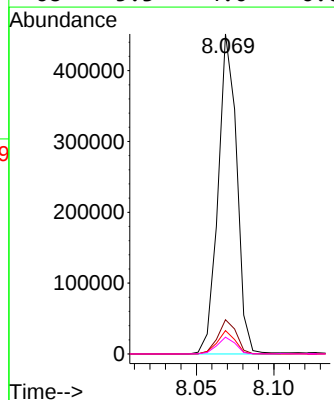
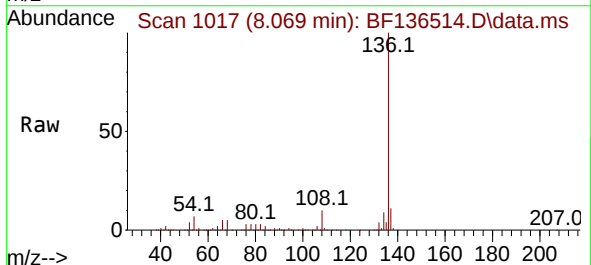
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

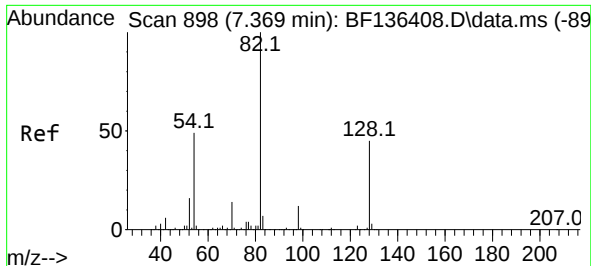
Tgt Ion: 99 Resp: 653933
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion: 136 Resp: 378627
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 56.289 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136514.D

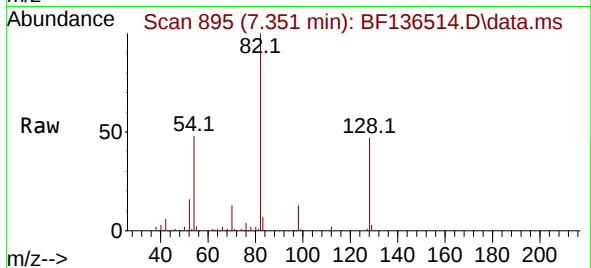
Acq: 12 Dec 2023 14:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP



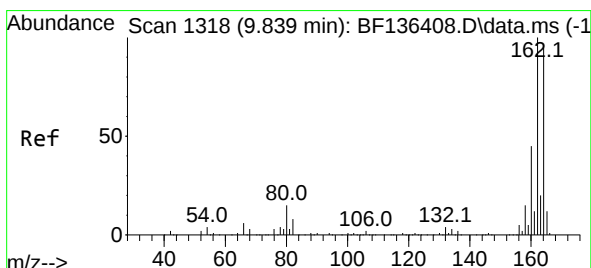
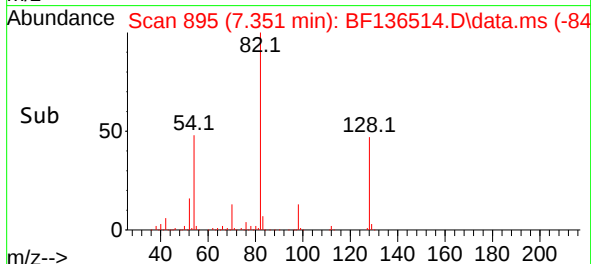
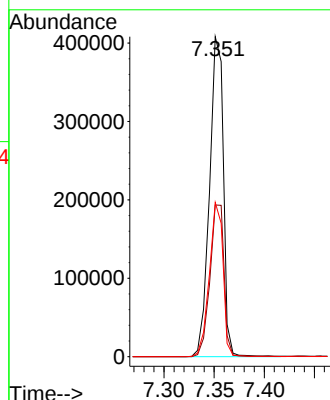
Tgt Ion: 82 Resp: 394235

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

54 48.2 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

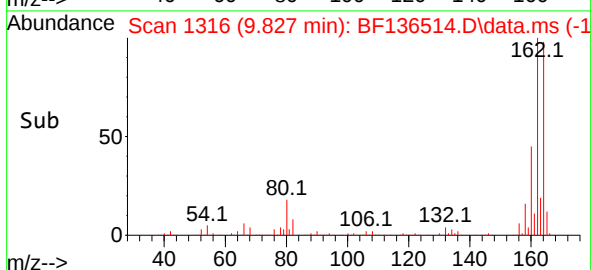
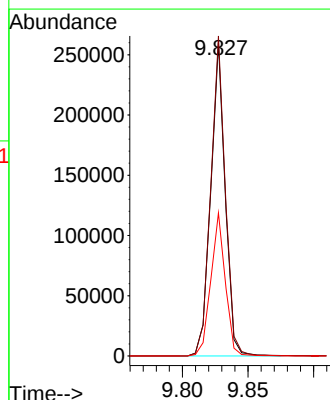
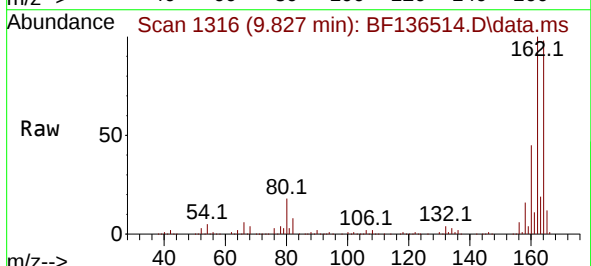
Tgt Ion: 164 Resp: 199170

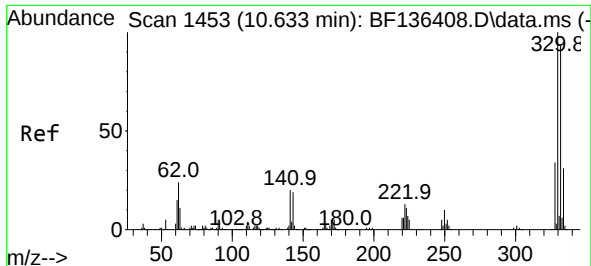
Ion Ratio Lower Upper

164 100

162 102.3 84.4 126.6

160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 74.561 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

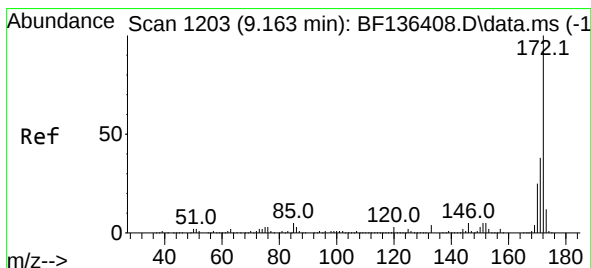
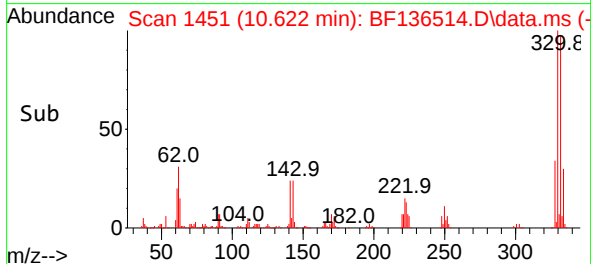
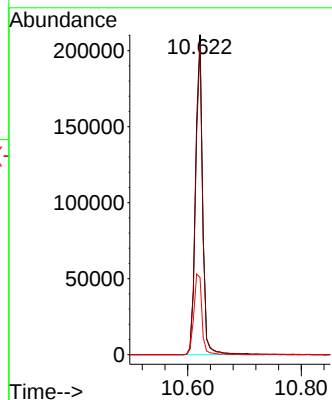
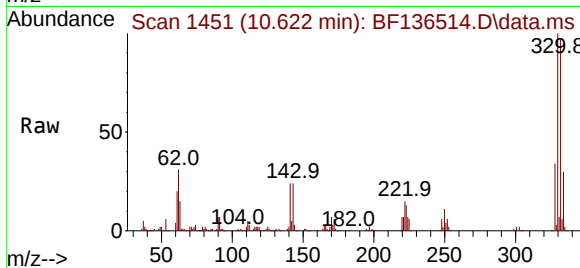
Tgt Ion:330 Resp: 183106

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.336 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

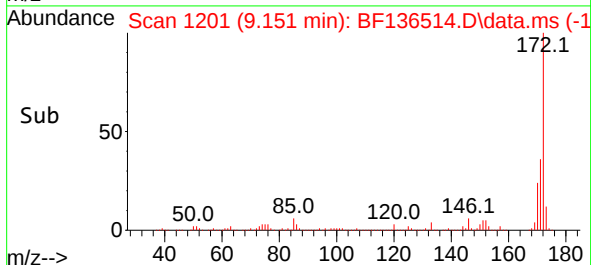
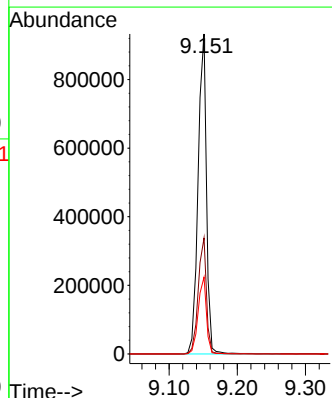
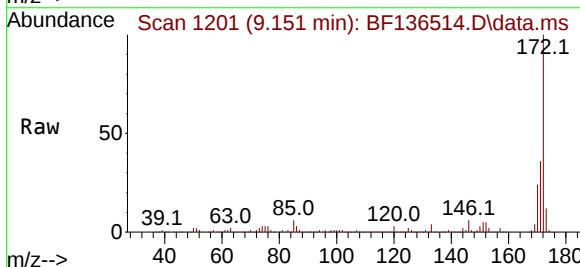
Tgt Ion:172 Resp: 793122

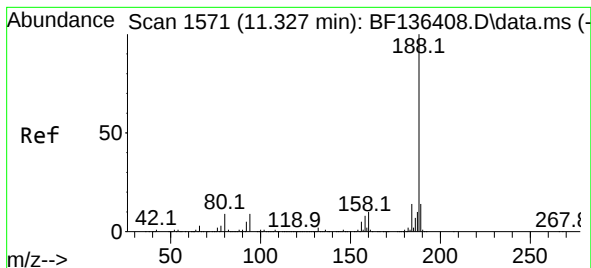
Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

170 24.0 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

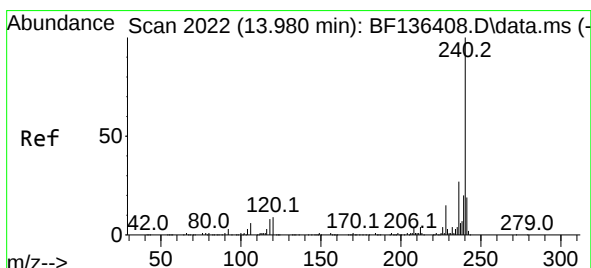
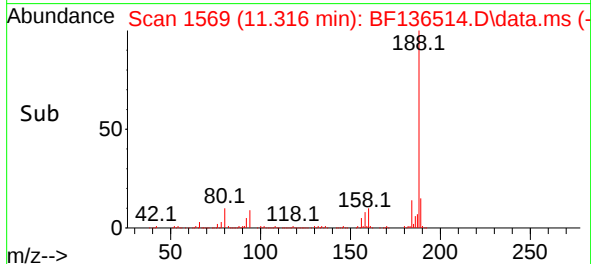
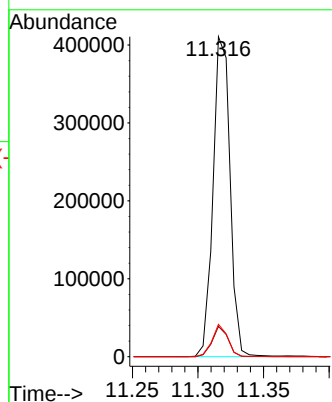
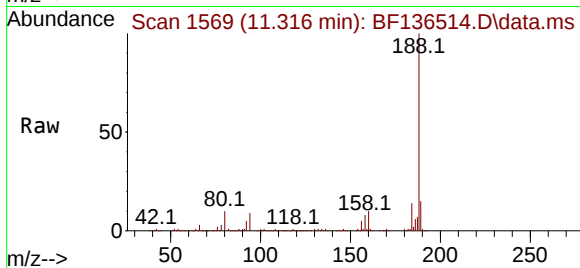
Tgt Ion:188 Resp: 370262

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.1 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

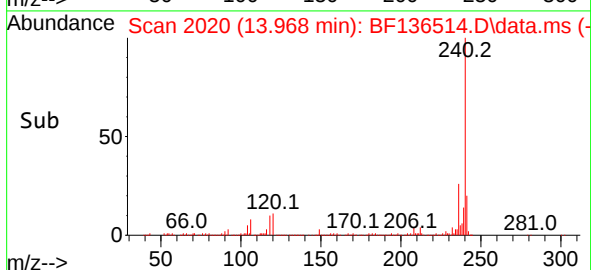
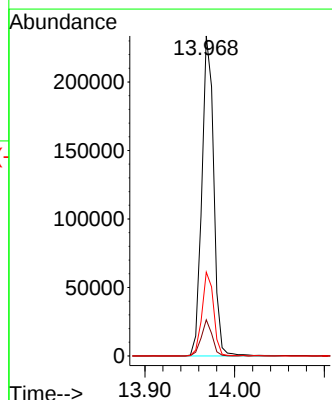
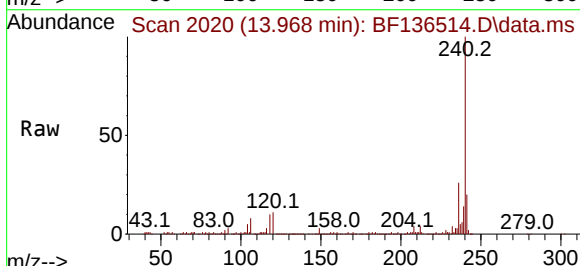
Tgt Ion:240 Resp: 214560

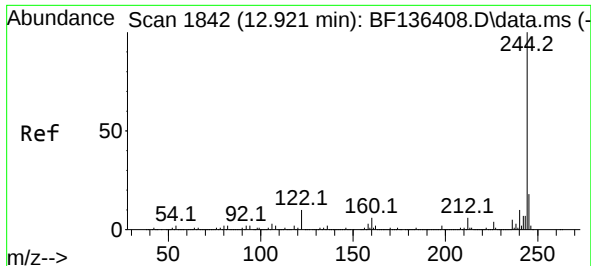
Ion Ratio Lower Upper

240 100

120 11.3 7.3 10.9#

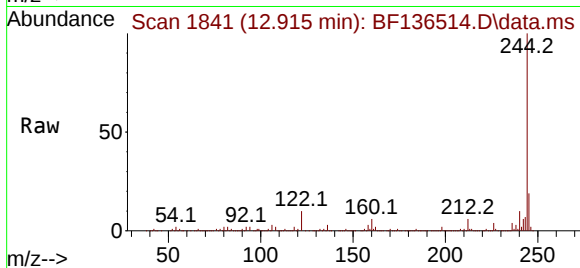
236 26.2 21.3 31.9



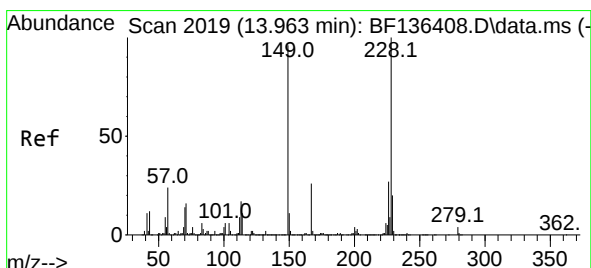
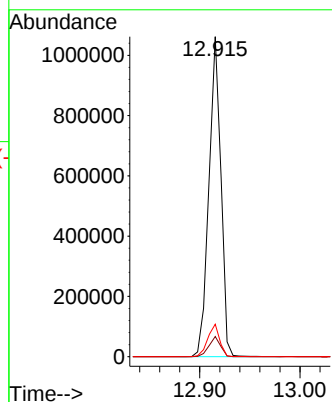
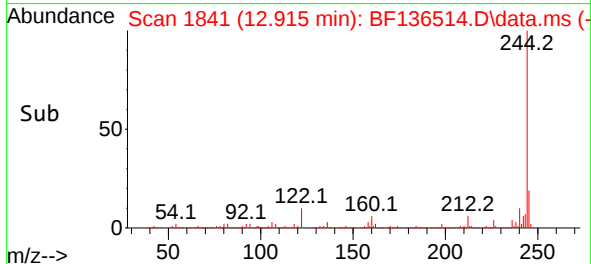


#79
 Terphenyl-d14
 Concen: 54.399 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136514.D
 Acq: 12 Dec 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

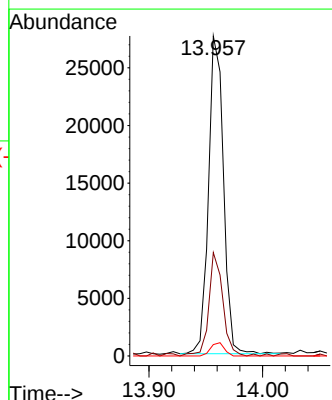
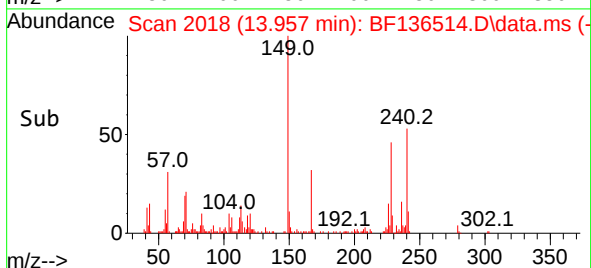
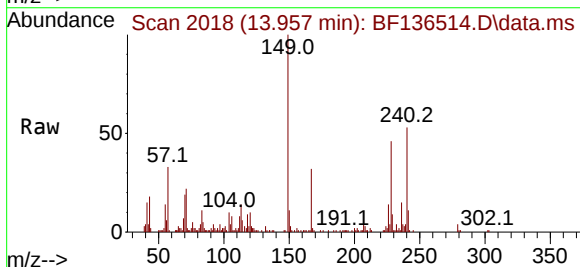


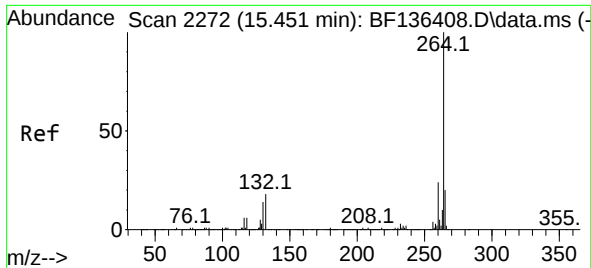
Tgt Ion:244 Resp: 885540
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.2 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.752 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136514.D
 Acq: 12 Dec 2023 14:11

Tgt Ion:149 Resp: 25232
 Ion Ratio Lower Upper
 149 100
 167 32.3 21.2 31.8#
 279 3.6 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136514.D
 Acq: 12 Dec 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:264 Resp: 212740
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 15.9 23.9

