

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136498.D
 Acq On : 11 Dec 2023 19:17
 Operator : CG\JU
 Sample : 05671-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Quant Time: Dec 11 23:46:15 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)

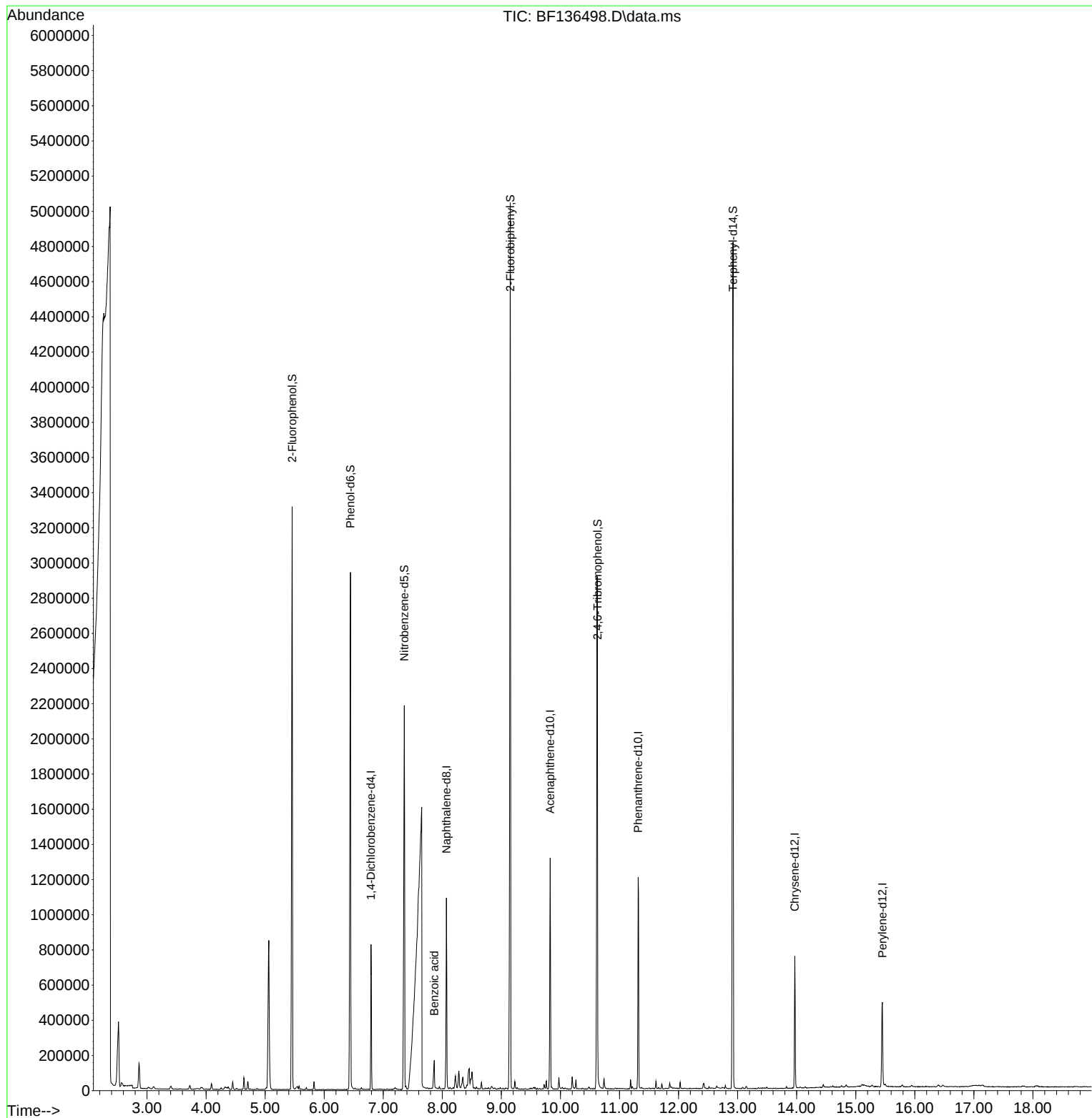
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	119569	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	478924	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	252823	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	468187	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	247034	20.000	ng	-0.01
86) Perylene-d12	15.451	264	235035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1020036	125.987	ng	0.02
7) Phenol-d6	6.445	99	1141430	112.997	ng	0.00
23) Nitrobenzene-d5	7.357	82	837901	94.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	438479	140.659	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1701294	91.820	ng	-0.01
79) Terphenyl-d14	12.921	244	1890364	100.860	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	34726	6.480	ng	93

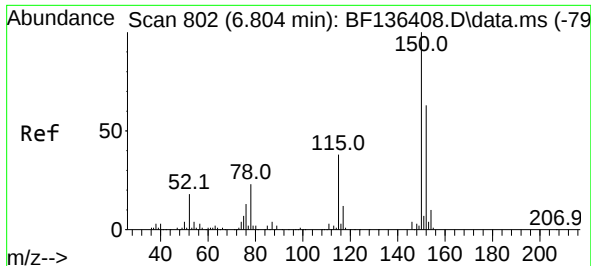
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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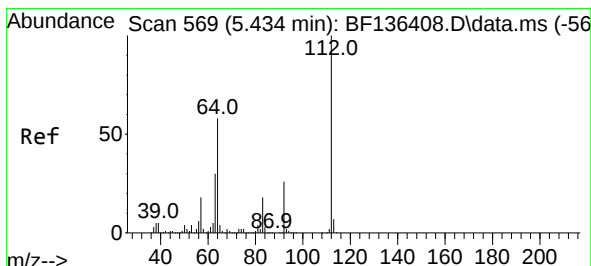
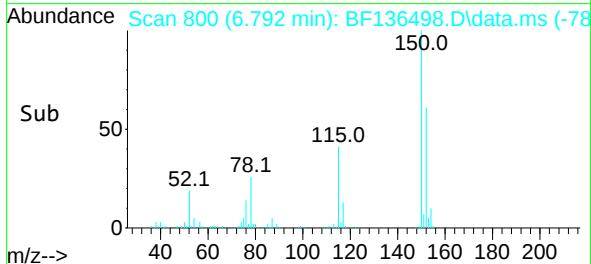
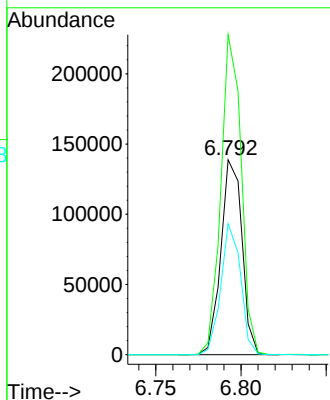
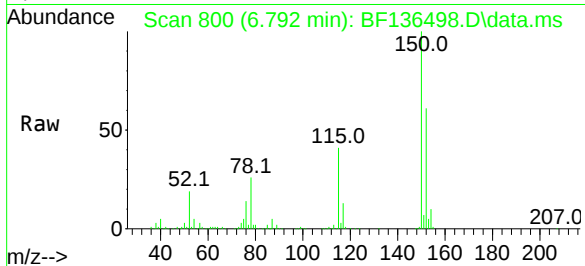




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136498.D
 Acq: 11 Dec 2023 19:17

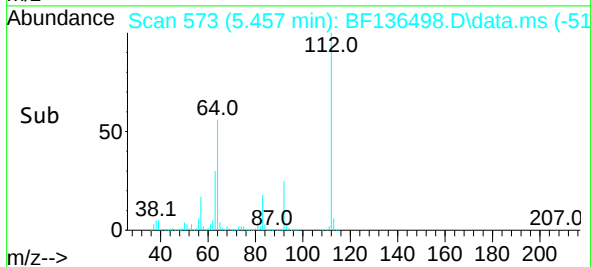
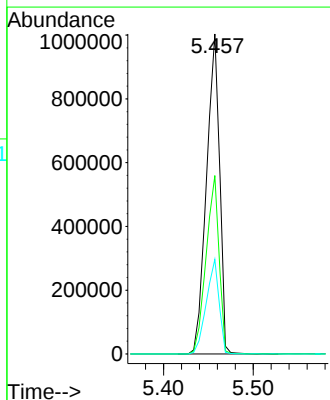
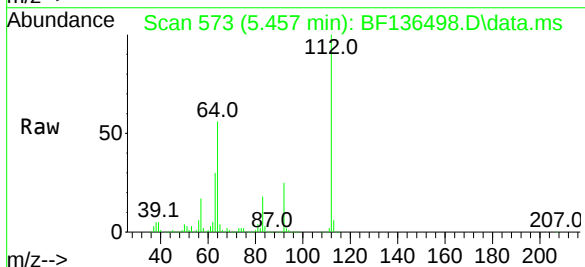
Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tgt Ion:152 Resp: 119569
 Ion Ratio Lower Upper
 152 100
 150 164.3 126.4 189.6
 115 67.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 125.987 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.023 min
 Lab File: BF136498.D
 Acq: 11 Dec 2023 19:17

Tgt Ion:112 Resp: 1020036
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.5 69.7
 63 29.5 23.9 35.9

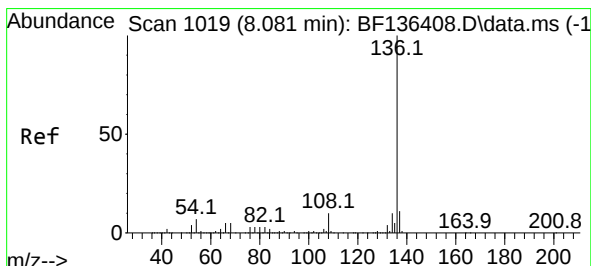
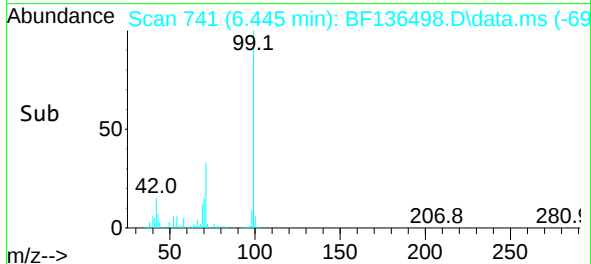
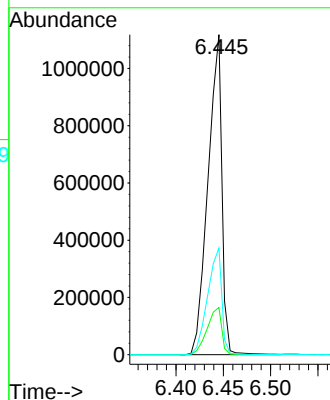
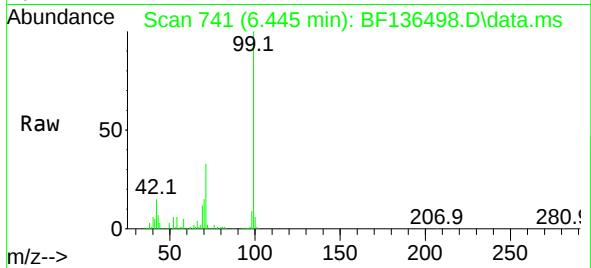




#7
Phenol-d6
Concen: 112.997 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136498.D
Acq: 11 Dec 2023 19:17

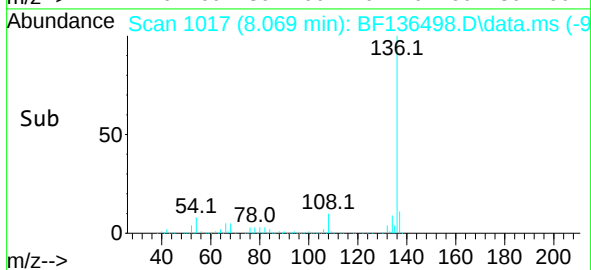
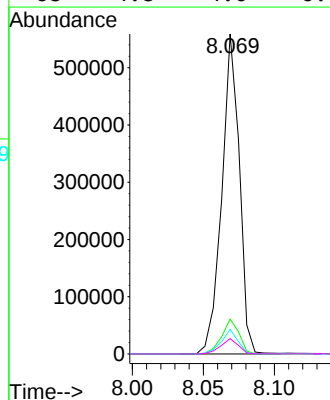
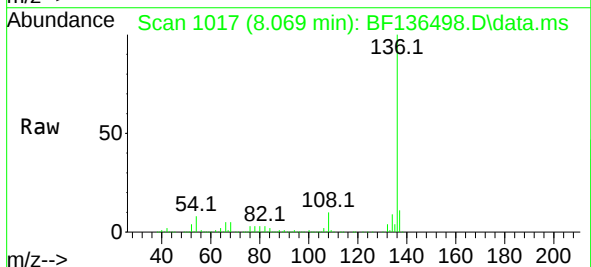
Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion: 99 Resp: 1141430
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.4 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: BF136498.D
Acq: 11 Dec 2023 19:17

Tgt Ion:136 Resp: 478924
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.7 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 94.581 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136498.D

Acq: 11 Dec 2023 19:17

Instrument :

BNA_F

ClientSampleId :

TP-34

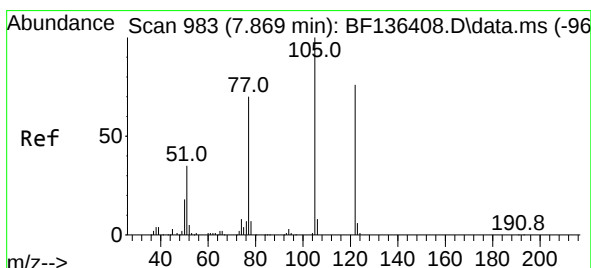
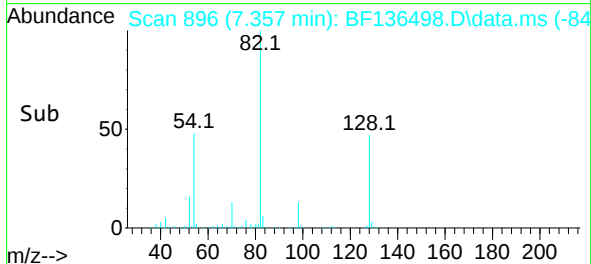
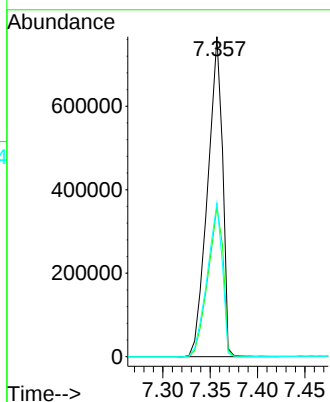
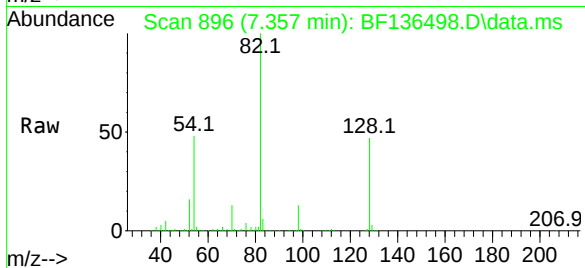
Tgt Ion: 82 Resp: 837901

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 48.0 39.0 58.6



#32

Benzoic acid

Concen: 6.480 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF136498.D

Acq: 11 Dec 2023 19:17

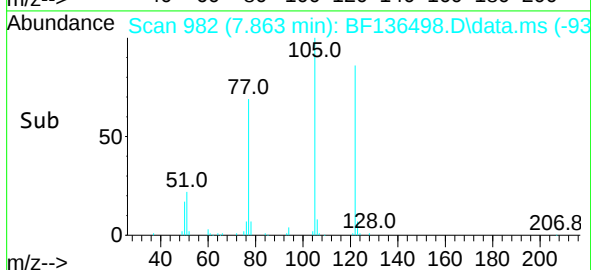
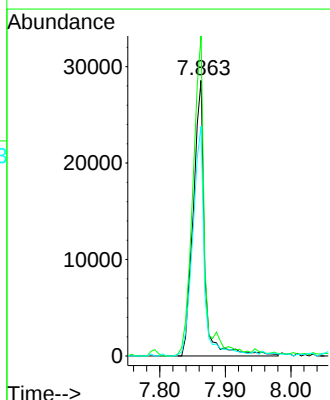
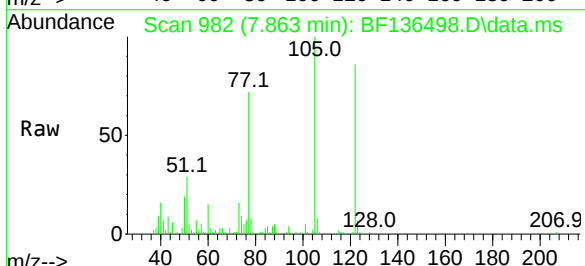
Tgt Ion:122 Resp: 34726

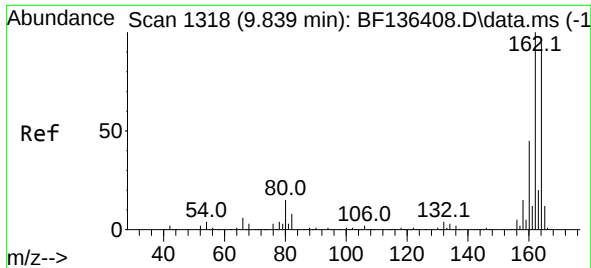
Ion Ratio Lower Upper

122 100

105 116.1 104.7 144.7

77 83.3 68.5 108.5

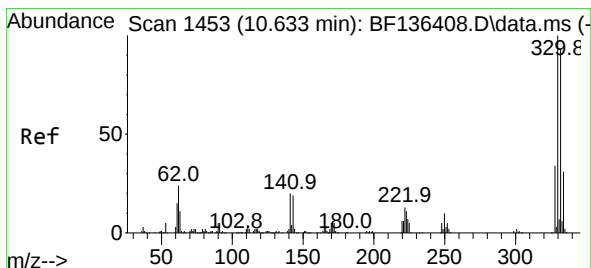
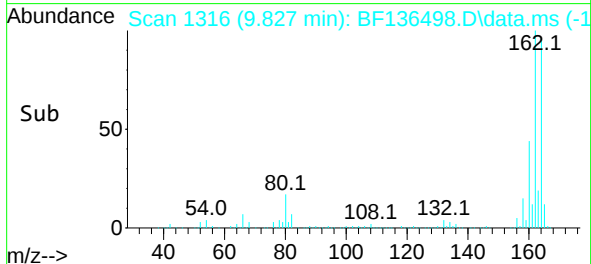
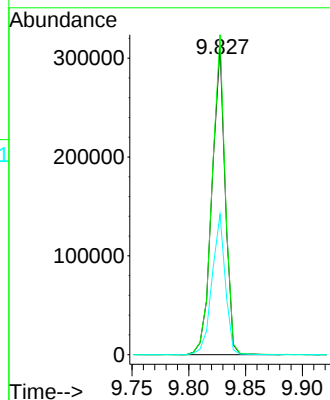
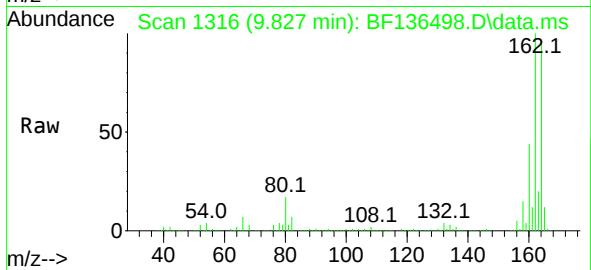




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136498.D
Acq: 11 Dec 2023 19:17

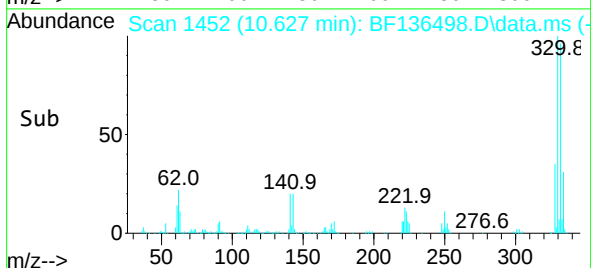
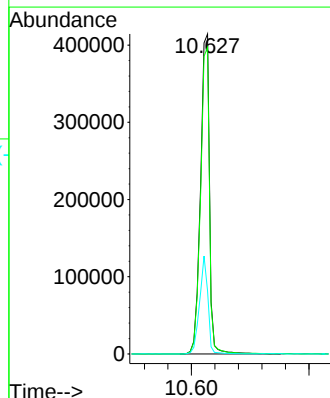
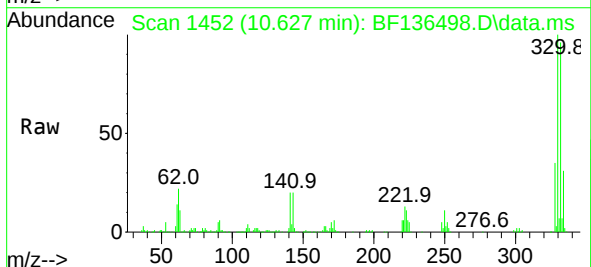
Instrument :
BNA_F
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TP-34

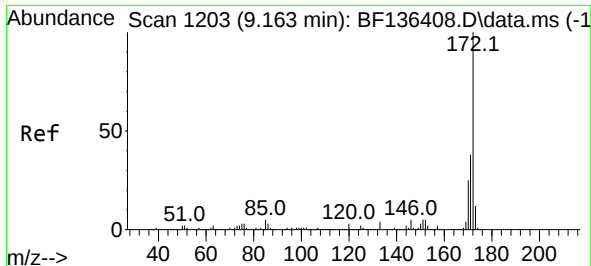
Tgt Ion:164 Resp: 252823
Ion Ratio Lower Upper
164 100
162 103.7 84.4 126.6
160 45.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 140.659 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136498.D
Acq: 11 Dec 2023 19:17

Tgt Ion:330 Resp: 438479
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 28.6 23.4 35.2

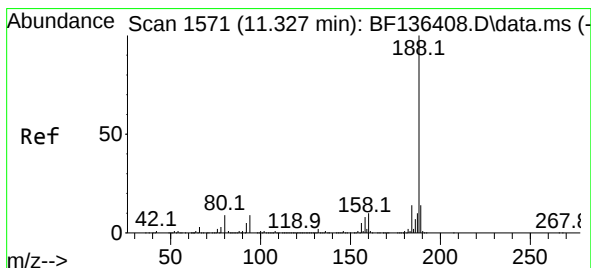
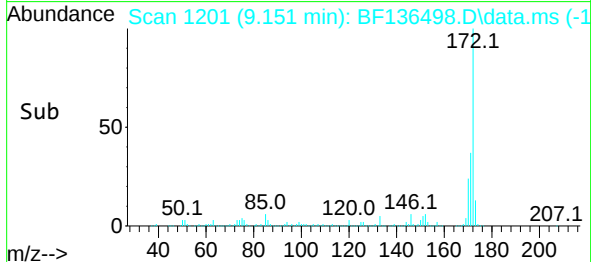
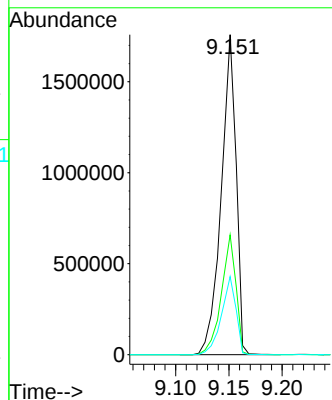
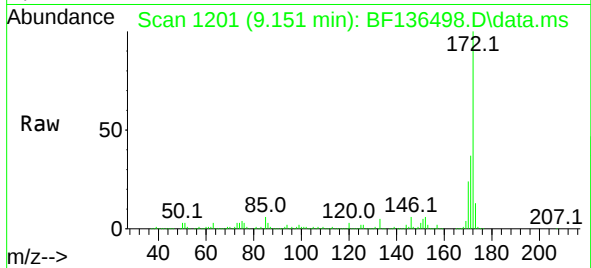




#45
2-Fluorobiphenyl
Concen: 91.820 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136498.D
Acq: 11 Dec 2023 19:17

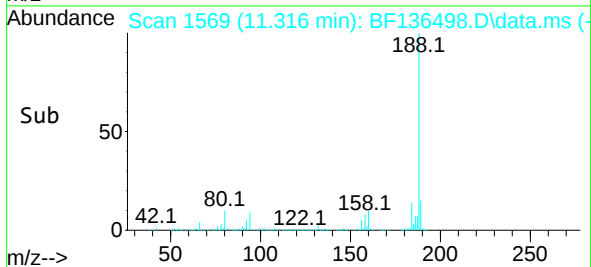
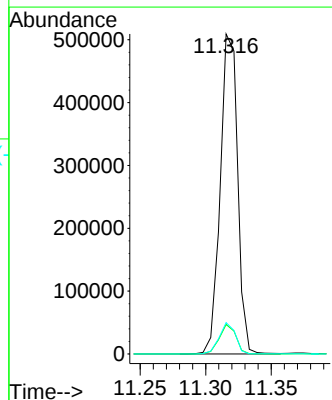
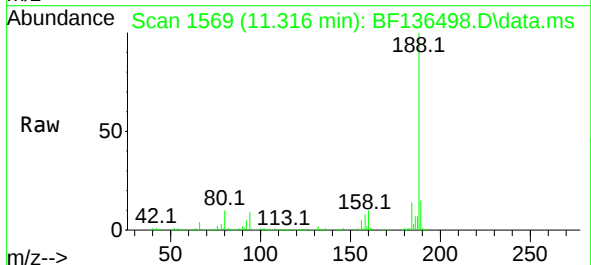
Instrument :
BNA_F
ClientSampleId :
TP-34

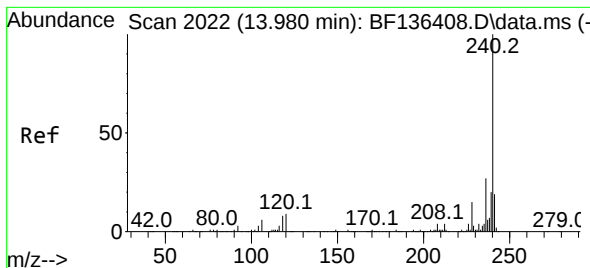
Tgt Ion:172 Resp: 1701294
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.4 19.9 29.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136498.D
Acq: 11 Dec 2023 19:17

Tgt Ion:188 Resp: 468187
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.8 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136498.D

Acq: 11 Dec 2023 19:17

Instrument :

BNA_F

ClientSampleId :

TP-34

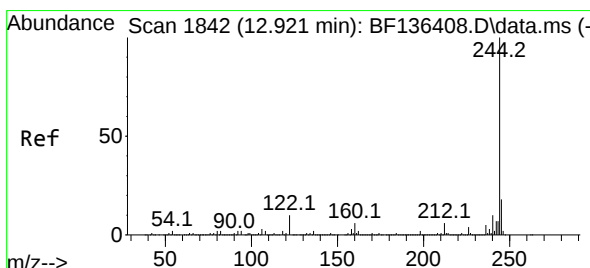
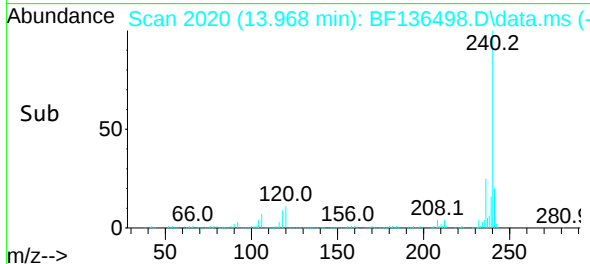
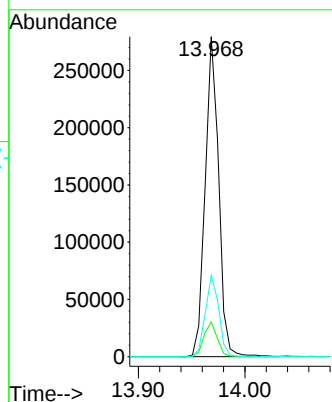
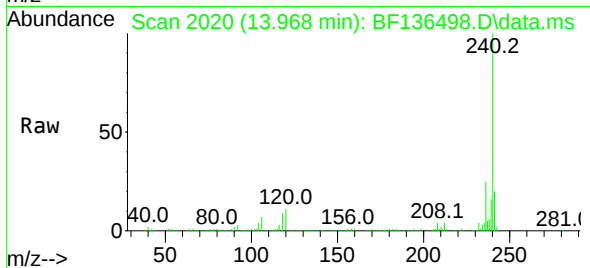
Tgt Ion:240 Resp: 247034

Ion Ratio Lower Upper

240 100

120 10.9 7.3 10.9

236 25.4 21.3 31.9



#79

Terphenyl-d14

Concen: 100.860 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136498.D

Acq: 11 Dec 2023 19:17

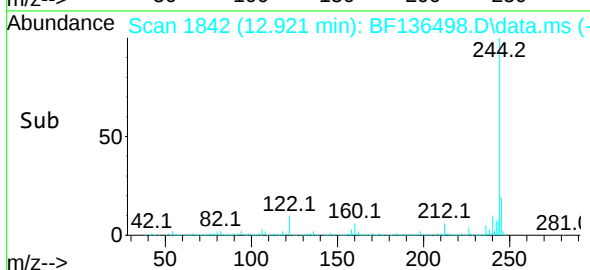
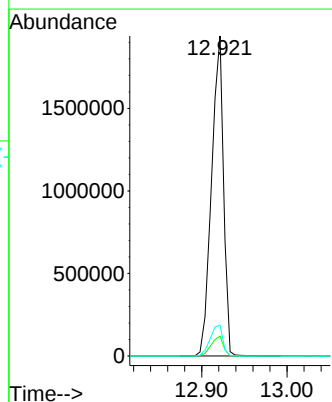
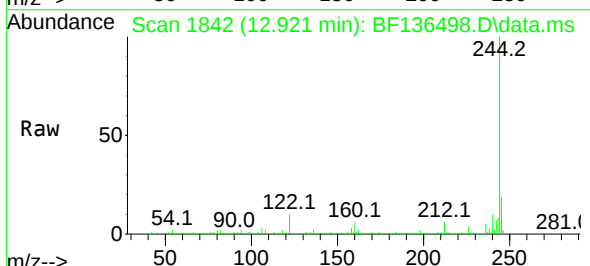
Tgt Ion:244 Resp: 1890364

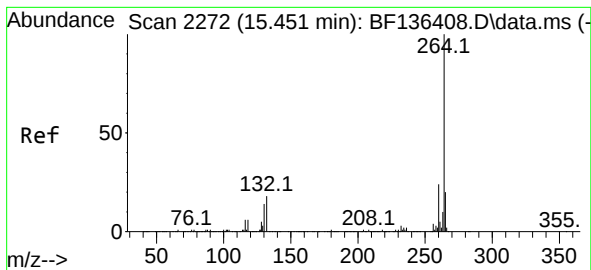
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.6 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136498.D

Acq: 11 Dec 2023 19:17

Instrument :

BNA_F

ClientSampleId :

TP-34

Tgt Ion:264 Resp: 235035

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 15.9 23.9

