

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136509.D
 Acq On : 12 Dec 2023 11:24
 Operator : CG\JU
 Sample : PB157637BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157637BL

Quant Time: Dec 12 12:06:24 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	6.798	152	109291	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	446459	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	245393	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	495955	20.000	ng	0.00
76) Chrysene-d12	13.974	240	306751	20.000	ng	0.00
86) Perylene-d12	15.457	264	256526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	881819	119.158	ng	0.02
7) Phenol-d6	6.440	99	1087693	117.803	ng	0.00
23) Nitrobenzene-d5	7.357	82	658703	79.760	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	372201	123.013	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1434523	79.766	ng	-0.01
79) Terphenyl-d14	12.922	244	1792788	77.032	ng	0.00

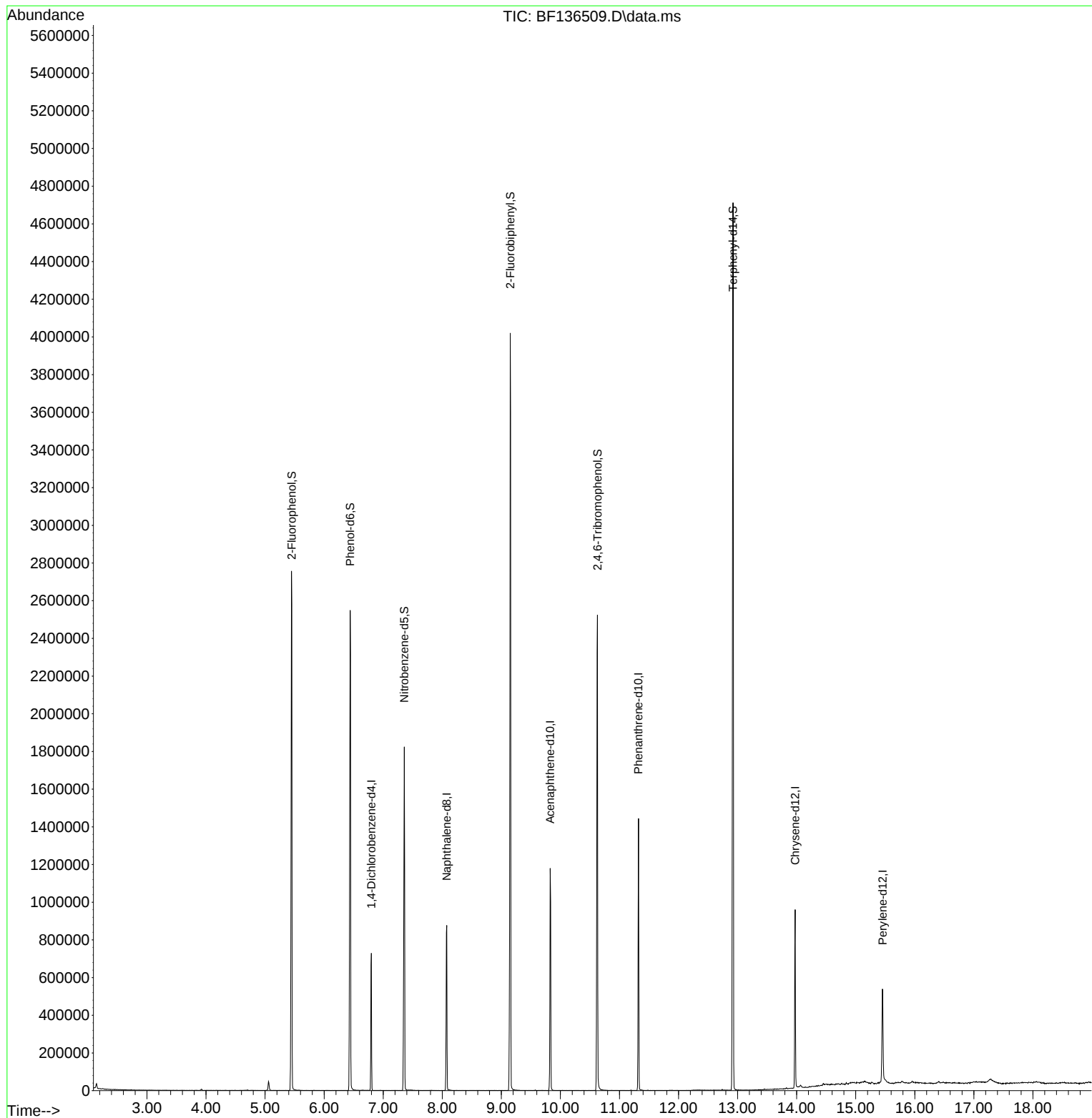
Target Compounds	Qvalue

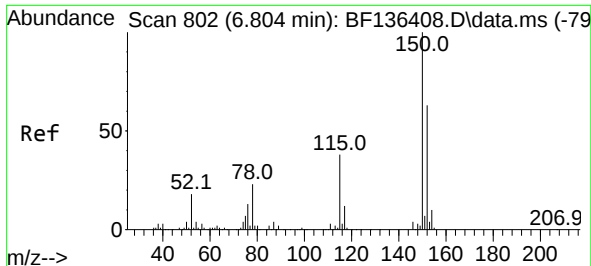
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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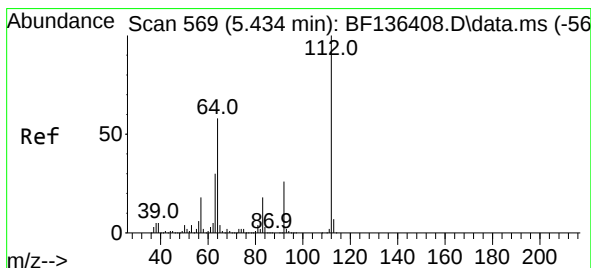
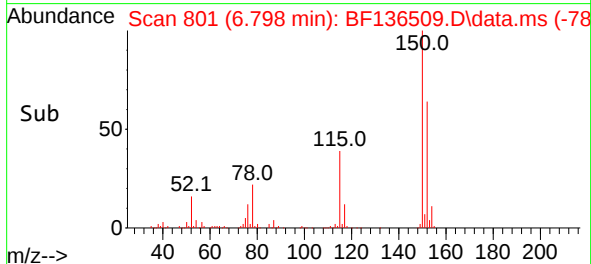
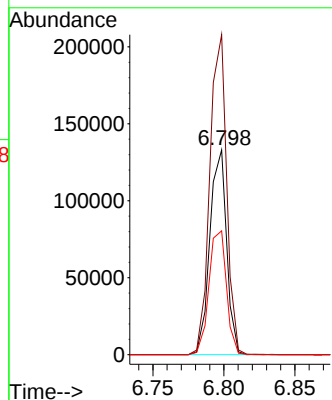
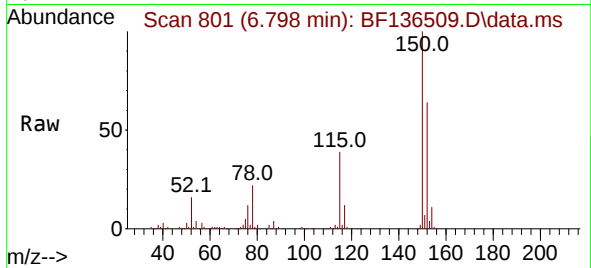




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

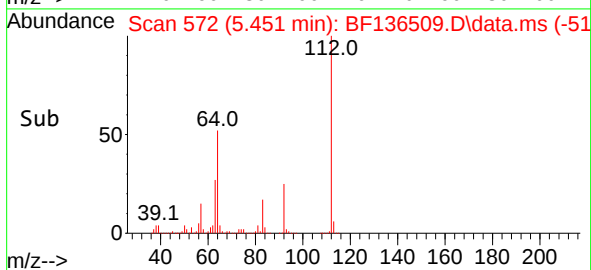
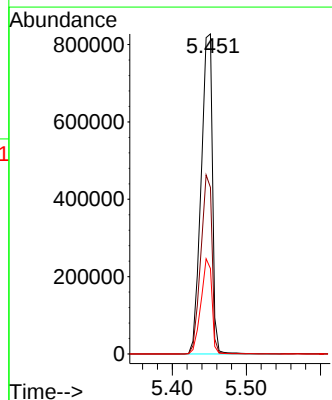
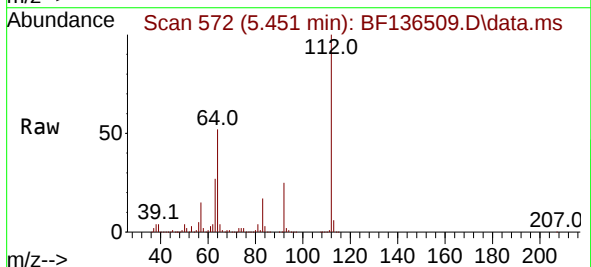
Instrument :
BNA_F
ClientSampleId :
PB157637BL

Tgt Ion:152 Resp: 109291
Ion Ratio Lower Upper
152 100
150 156.2 126.4 189.6
115 60.5 48.2 72.4



#5
2-Fluorophenol
Concen: 119.158 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:112 Resp: 881819
Ion Ratio Lower Upper
112 100
64 52.1 46.5 69.7
63 26.7 23.9 35.9



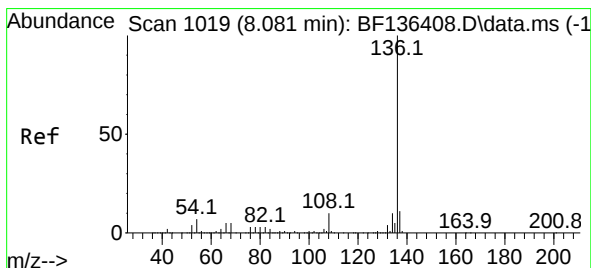
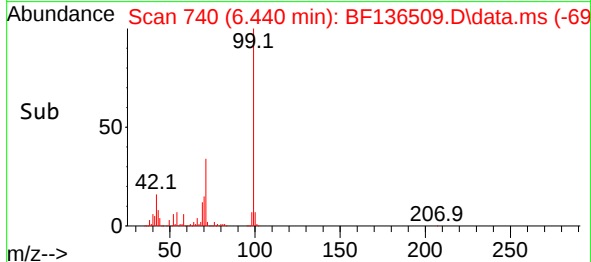
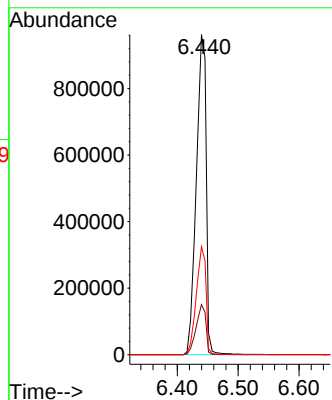
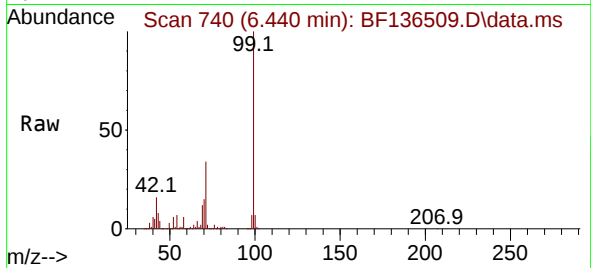


#7
Phenol-d6
Concen: 117.803 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB157637BL

Tgt Ion: 99 Resp: 1087693

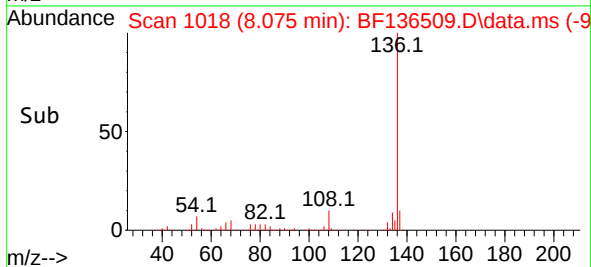
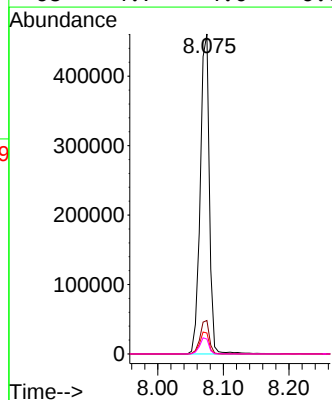
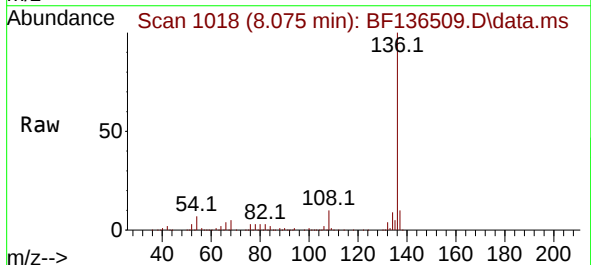
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	33.8	27.0	40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion: 136 Resp: 446459

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.6	5.7	8.5
68	4.7	4.0	6.0





#23

Nitrobenzene-d5

Concen: 79.760 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136509.D

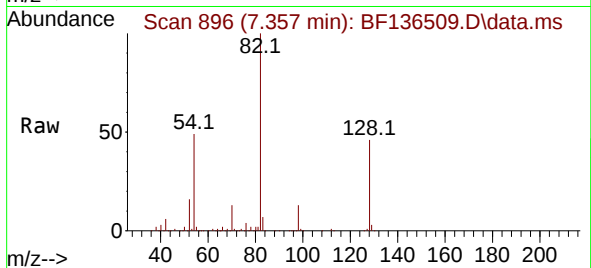
Acq: 12 Dec 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB157637BL



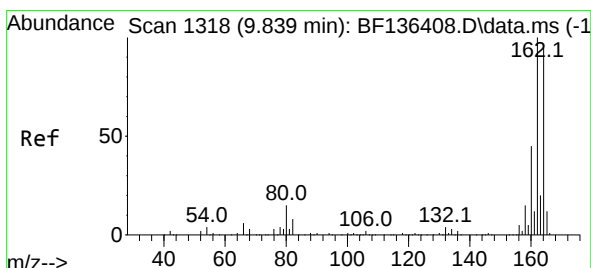
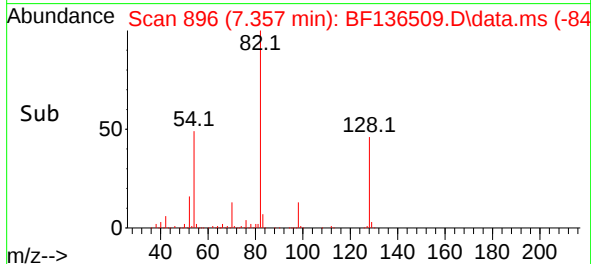
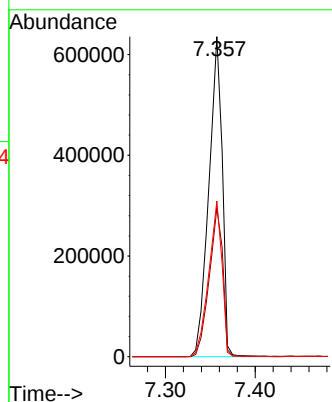
Tgt Ion: 82 Resp: 658703

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

54 48.6 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136509.D

Acq: 12 Dec 2023 11:24

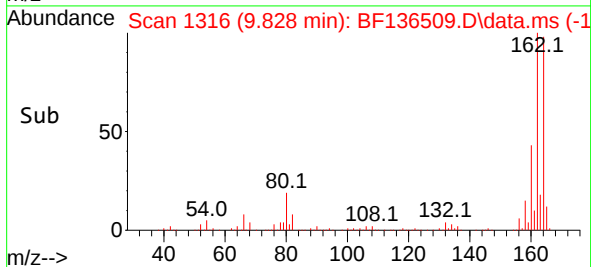
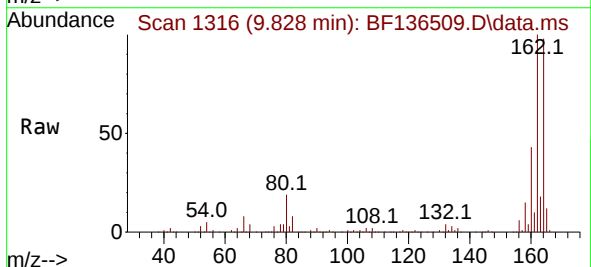
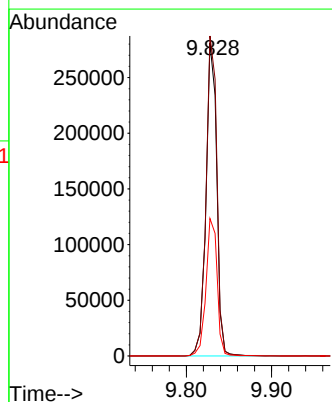
Tgt Ion: 164 Resp: 245393

Ion Ratio Lower Upper

164 100

162 102.3 84.4 126.6

160 43.9 37.6 56.4

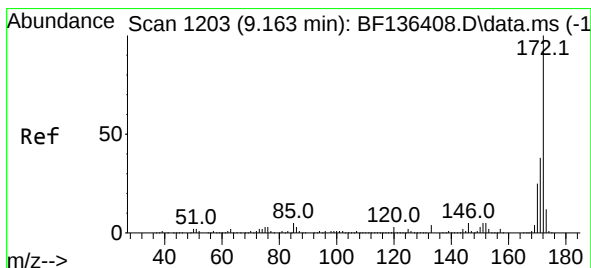
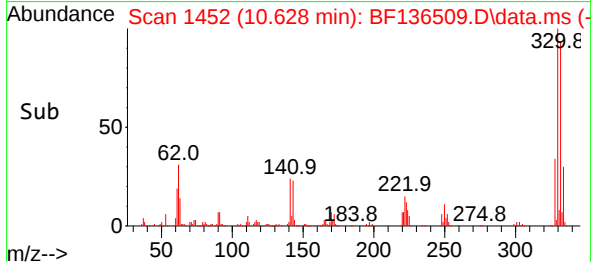
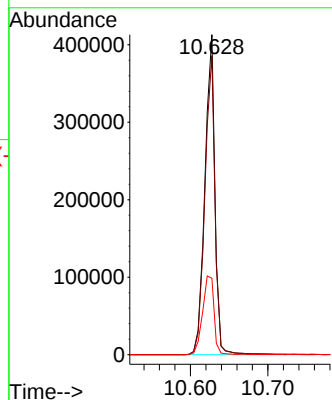
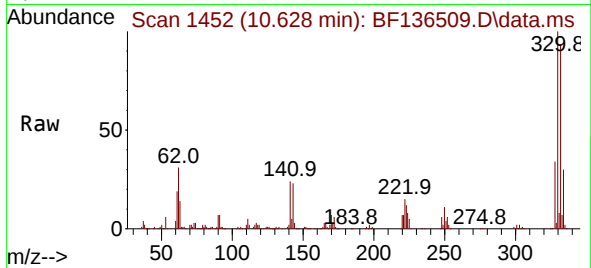




#42
2,4,6-Tribromophenol
Concen: 123.013 ng
RT: 10.628 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

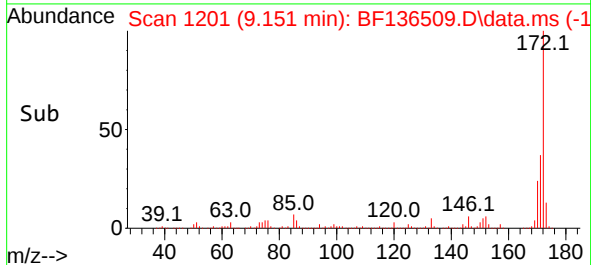
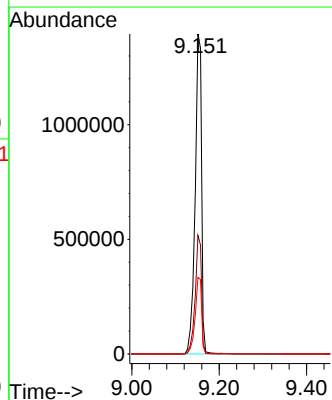
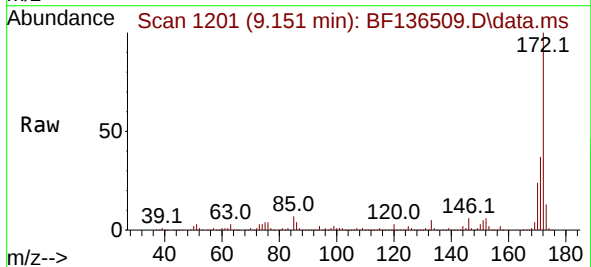
Instrument :
BNA_F
ClientSampleId :
PB157637BL

Tgt Ion:330 Resp: 372201
Ion Ratio Lower Upper
330 100
332 94.3 76.4 114.6
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 79.766 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:172 Resp: 1434523
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.0 19.9 29.9

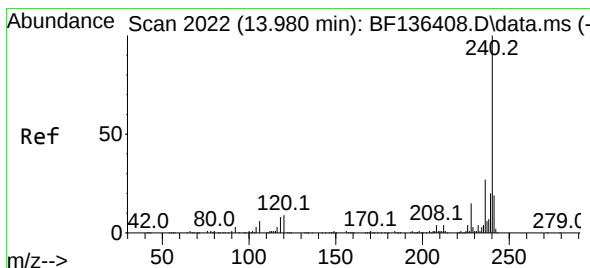
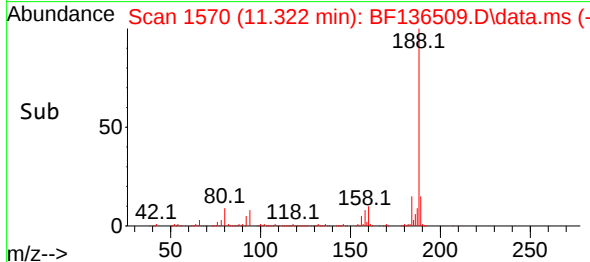
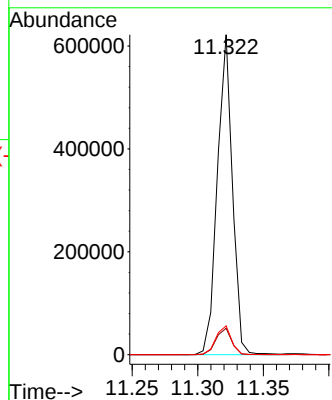
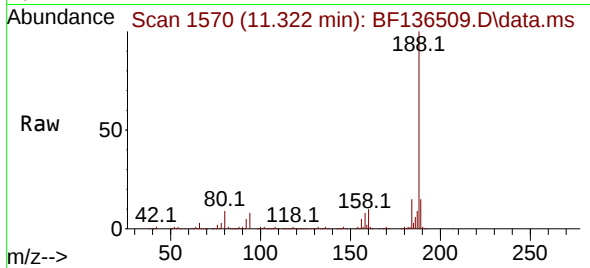




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

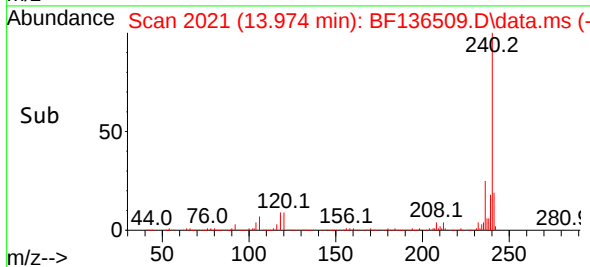
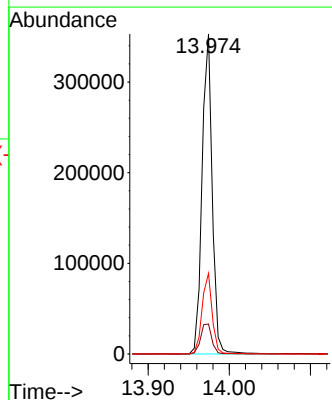
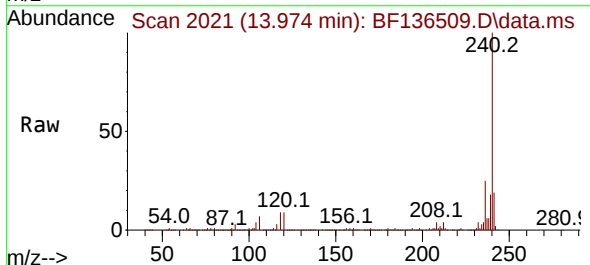
Instrument :
BNA_F
ClientSampleId :
PB157637BL

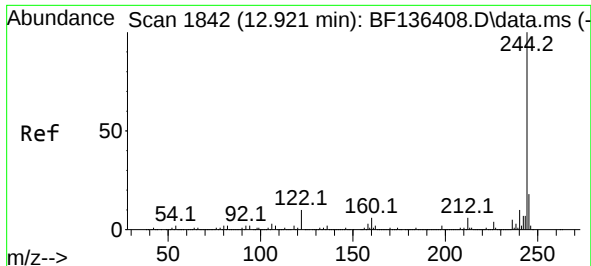
Tgt Ion:188 Resp: 495955
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

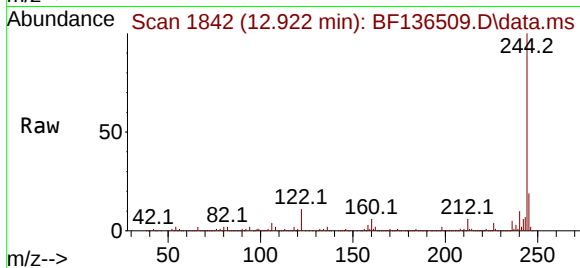
Tgt Ion:240 Resp: 306751
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.2 21.3 31.9





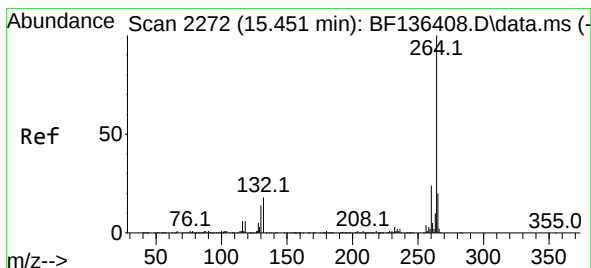
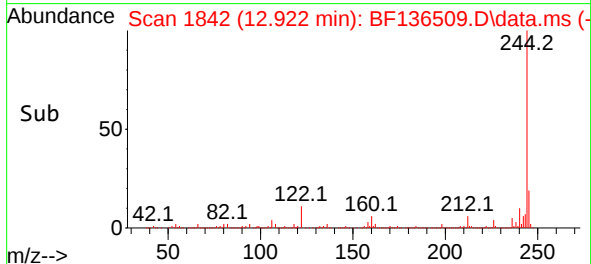
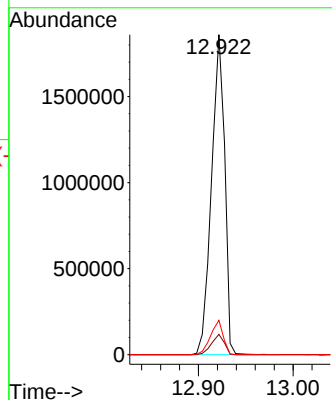
#79
 Terphenyl-d14
 Concen: 77.032 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136509.D
 Acq: 12 Dec 2023 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB157637BL



Tgt Ion:244 Resp: 1792788

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	10.7	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136509.D
 Acq: 12 Dec 2023 11:24

Tgt Ion:264 Resp: 256526

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	15.9	23.9

