

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136097.D
 Acq On : 02 Nov 2023 15:54
 Operator : CG\JU
 Sample : PB156660BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156660BL

Quant Time: Nov 02 16:32:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	130785	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	524634	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	278877	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	534039	20.000	ng	0.00
76) Chrysene-d12	14.004	240	319583	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	278801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1044223	125.466	ng	0.00
7) Phenol-d6	6.451	99	1288491	124.255	ng	0.00
23) Nitrobenzene-d5	7.381	82	800432	91.973	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	409816	137.676	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1502332	85.875	ng	0.00
79) Terphenyl-d14	12.957	244	1773360	86.233	ng	0.00

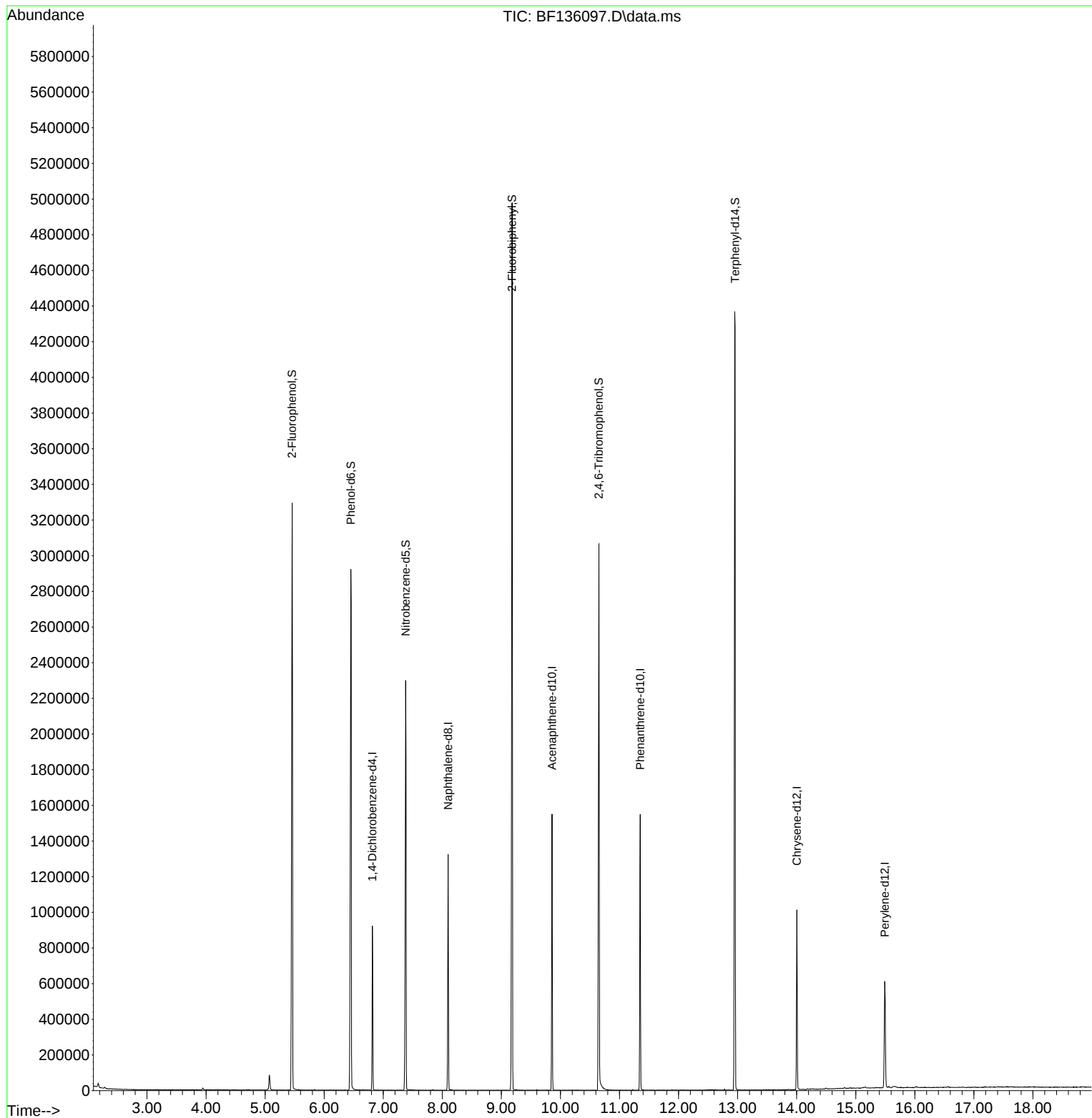
Target Compounds	Qvalue

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

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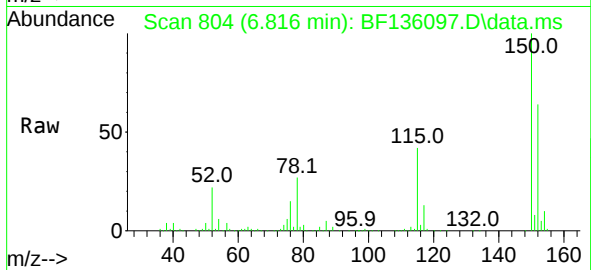
Quant Time: Nov 02 16:32:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
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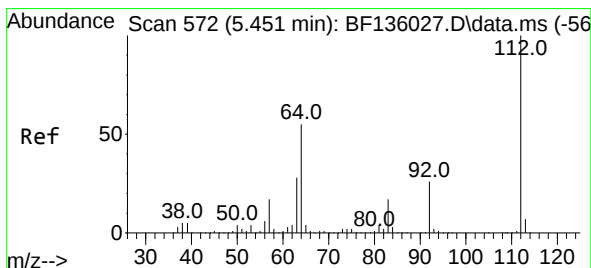
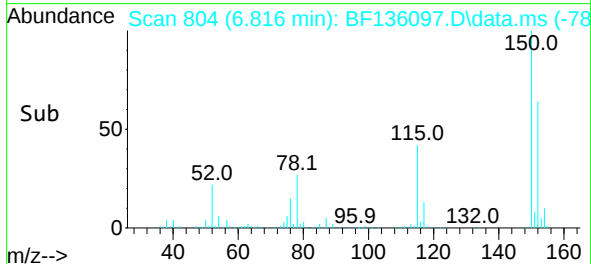
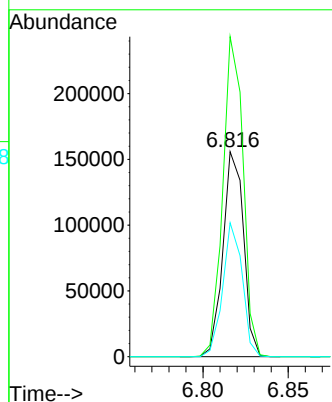


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Instrument :
BNA_F
ClientSampleId :
PB156660BL

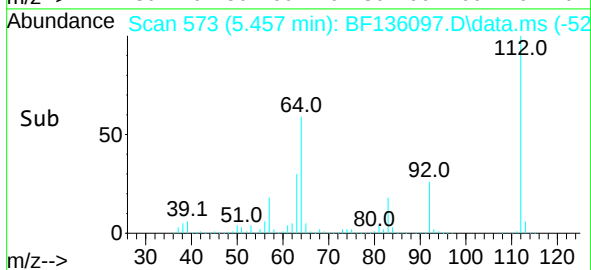
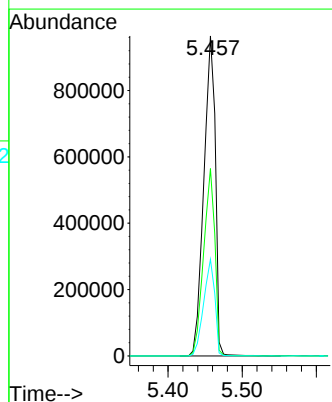
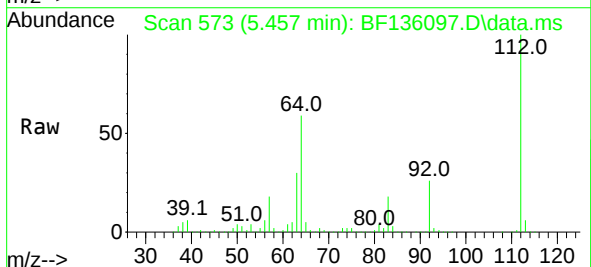


Tgt Ion:152 Resp: 130785
Ion Ratio Lower Upper
152 100
150 156.2 126.4 189.6
115 65.3 47.0 70.4



#5
2-Fluorophenol
Concen: 125.466 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Tgt Ion:112 Resp: 1044223
Ion Ratio Lower Upper
112 100
64 58.5 43.9 65.9
63 30.2 22.4 33.6

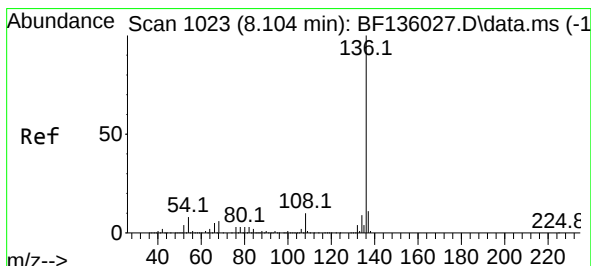
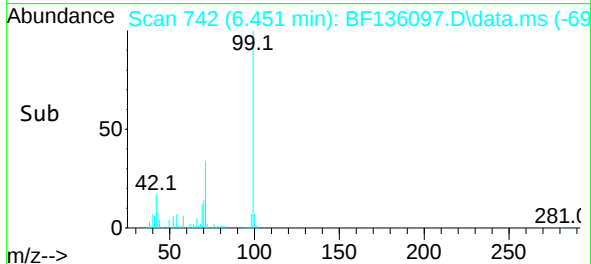
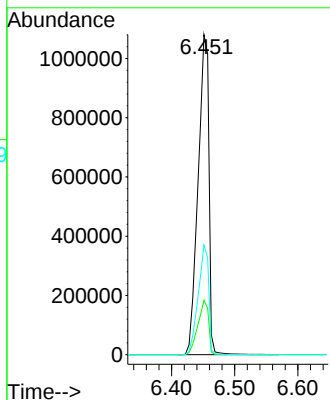
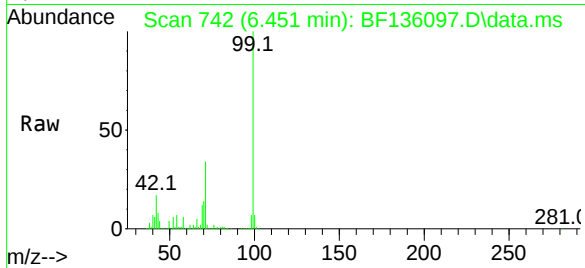




#7
Phenol-d6
Concen: 124.255 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

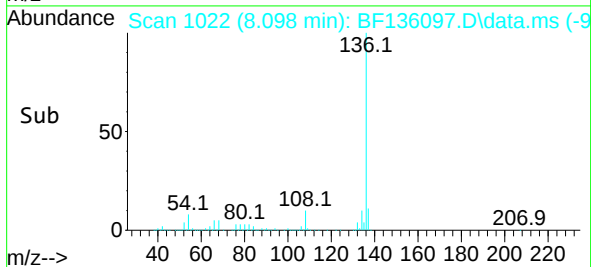
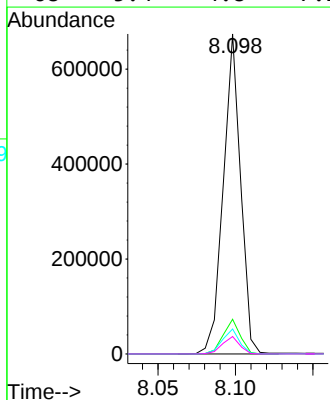
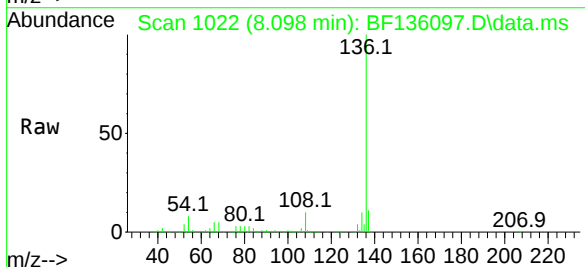
Instrument :
BNA_F
ClientSampleId :
PB156660BL

Tgt Ion: 99 Resp: 1288491
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 34.3 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Tgt Ion: 136 Resp: 524634
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 6.6 9.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.973 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136097.D

Acq: 02 Nov 2023 15:54

Instrument :

BNA_F

ClientSampleId :

PB156660BL

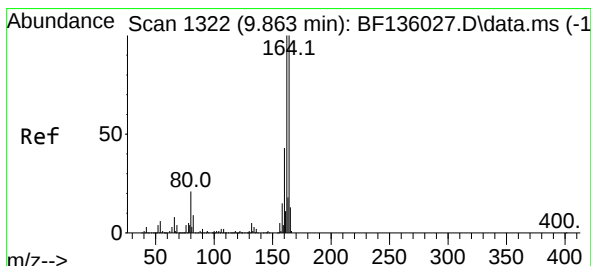
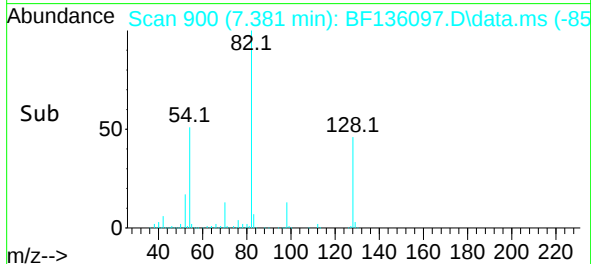
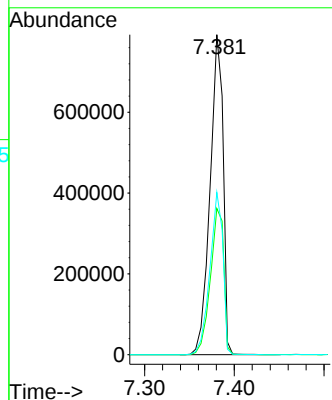
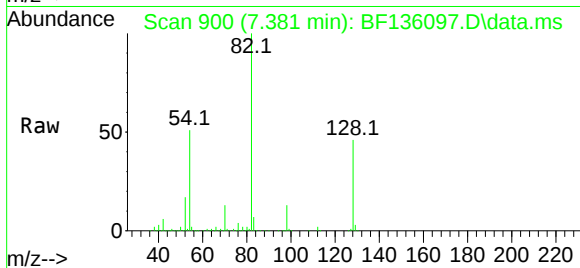
Tgt Ion: 82 Resp: 800432

Ion Ratio Lower Upper

82 100

128 45.7 38.6 57.8

54 50.7 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136097.D

Acq: 02 Nov 2023 15:54

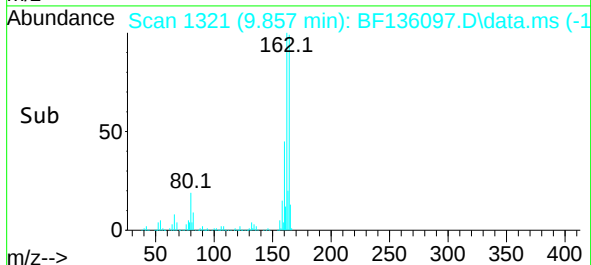
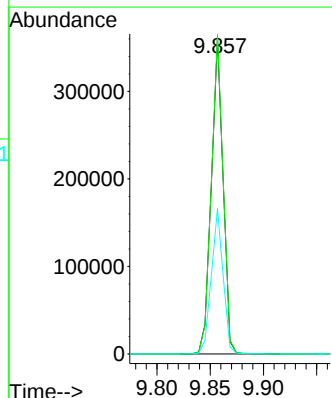
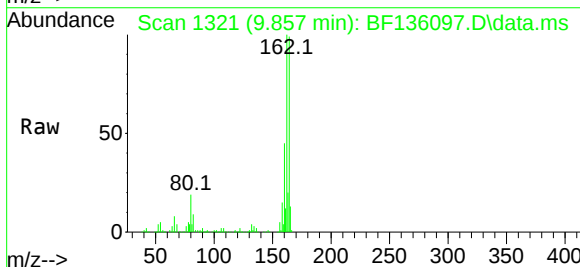
Tgt Ion:164 Resp: 278877

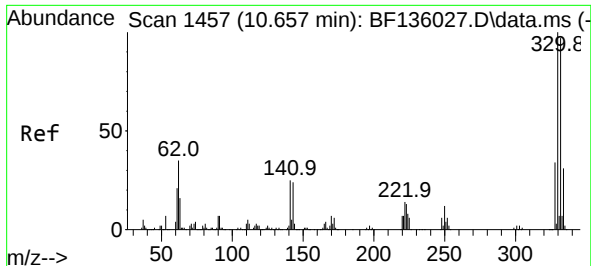
Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

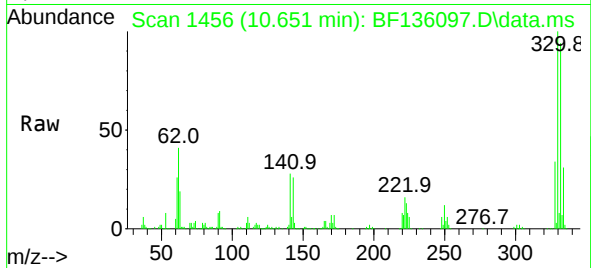
160 45.9 34.8 52.2



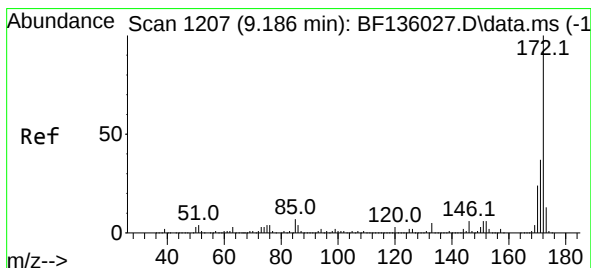
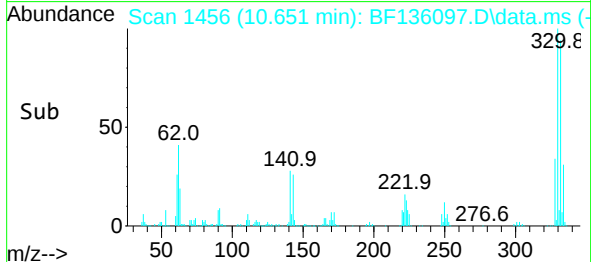
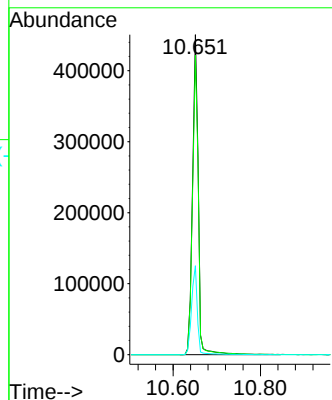


#42
2,4,6-Tribromophenol
Concen: 137.676 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Instrument :
BNA_F
ClientSampleId :
PB156660BL

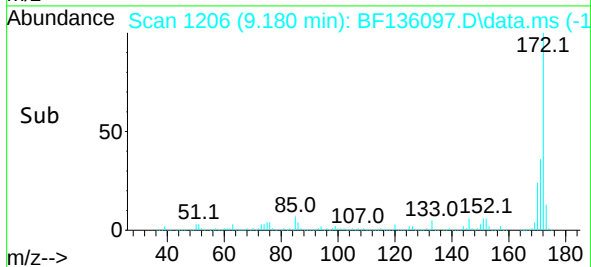
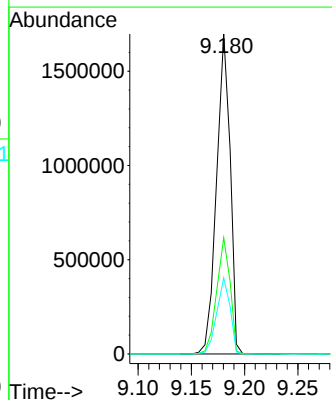
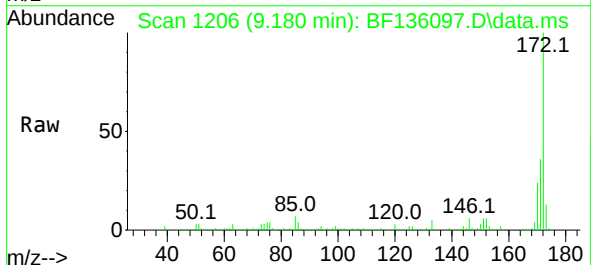


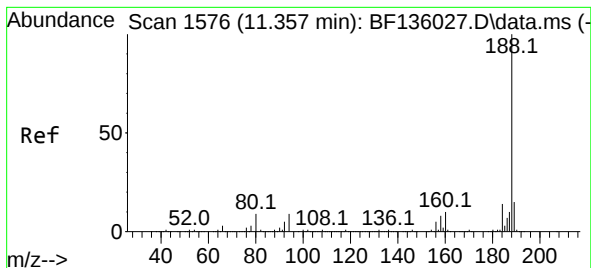
Tgt Ion:330 Resp: 409816
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 28.1 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 85.875 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Tgt Ion:172 Resp: 1502332
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.8 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136097.D

Acq: 02 Nov 2023 15:54

Instrument :

BNA_F

ClientSampleId :

PB156660BL

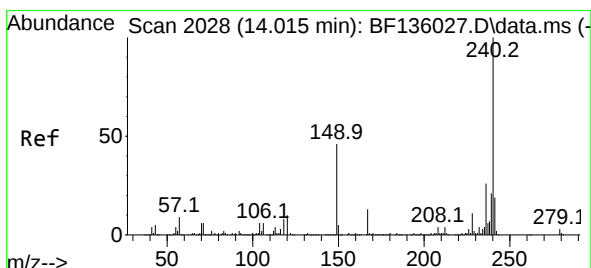
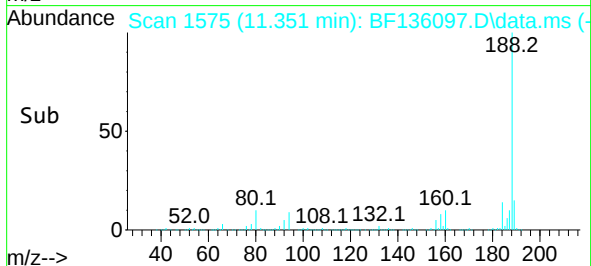
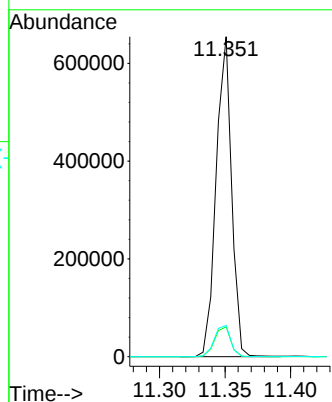
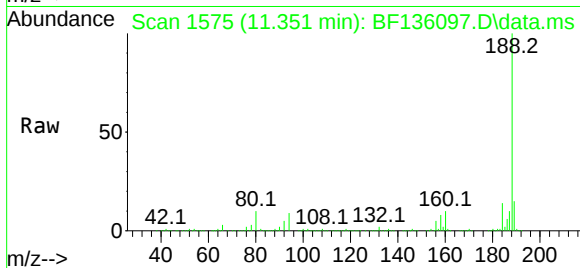
Tgt Ion:188 Resp: 534039

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.8 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136097.D

Acq: 02 Nov 2023 15:54

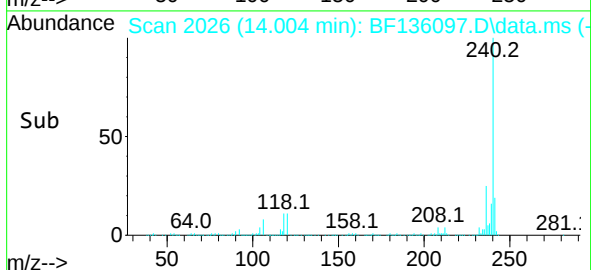
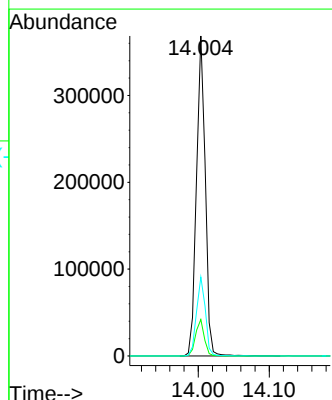
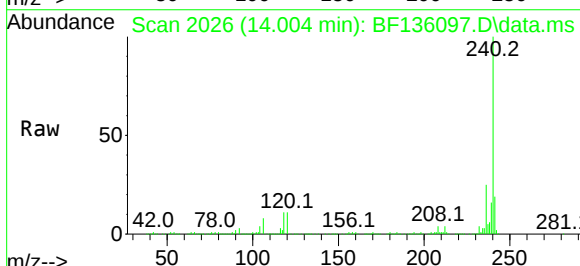
Tgt Ion:240 Resp: 319583

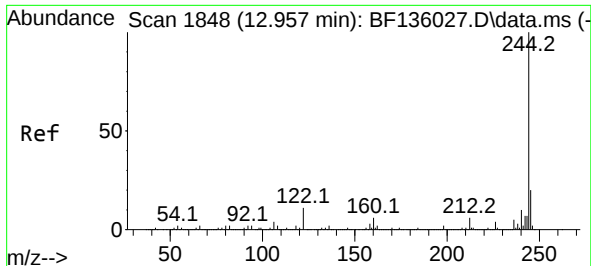
Ion Ratio Lower Upper

240 100

120 11.4 7.6 11.4#

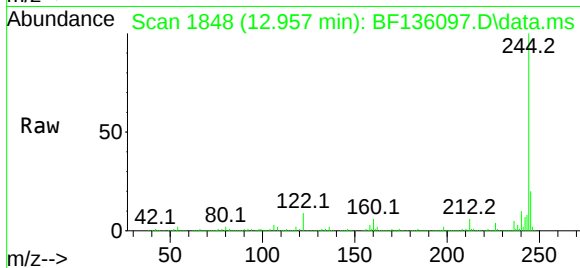
236 24.7 20.6 31.0



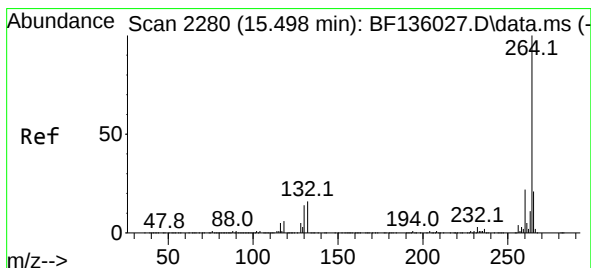
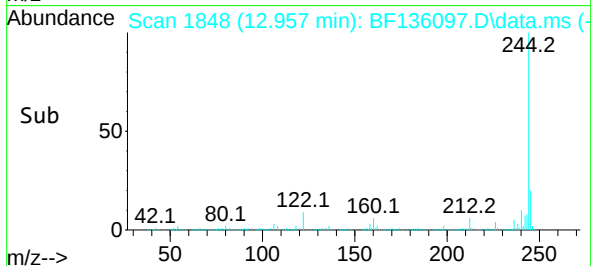
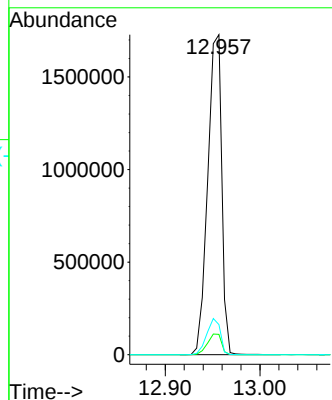


#79
Terphenyl-d14
Concen: 86.233 ng
RT: 12.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Instrument :
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Tgt Ion:244 Resp: 1773360
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 9.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF136097.D
Acq: 02 Nov 2023 15:54

Tgt Ion:264 Resp: 278801
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 20.5 16.8 25.2

