

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136144.D
 Acq On : 04 Nov 2023 13:27
 Operator : CG\JU
 Sample : 05243-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-AT-4.5-5.0

Quant Time: Nov 06 01:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	90111	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	361746	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	193740	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	377804	20.000	ng	0.00
76) Chrysene-d12	14.004	240	204947	20.000	ng	0.00
86) Perylene-d12	15.492	264	219971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	530222	92.463	ng	0.00
7) Phenol-d6	6.451	99	663816	92.910	ng	0.00
23) Nitrobenzene-d5	7.381	82	419668	69.935	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	215380	104.152	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	810153	66.660	ng	0.00
79) Terphenyl-d14	12.951	244	919625	69.732	ng	0.00

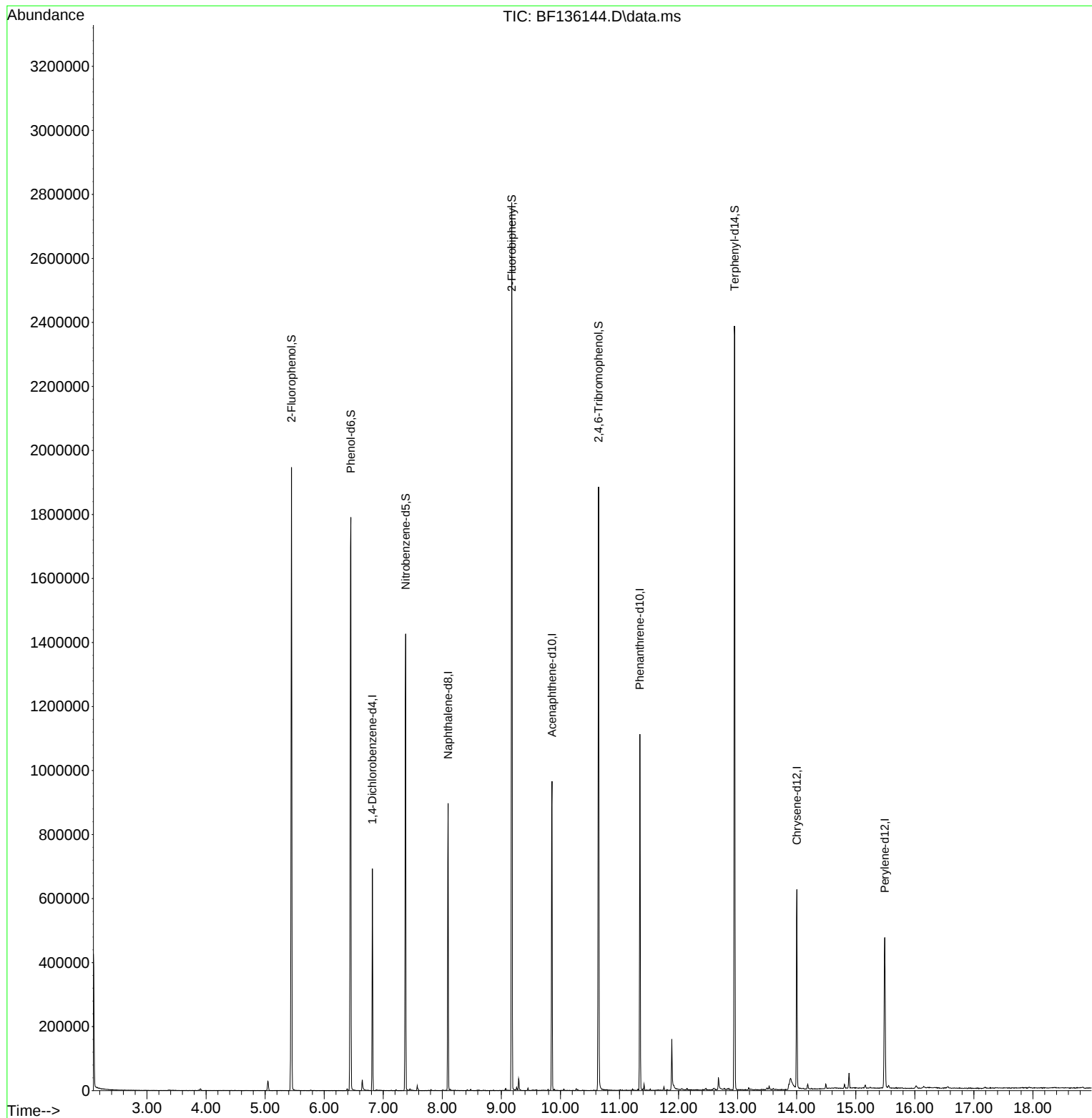
Target Compounds	Qvalue

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

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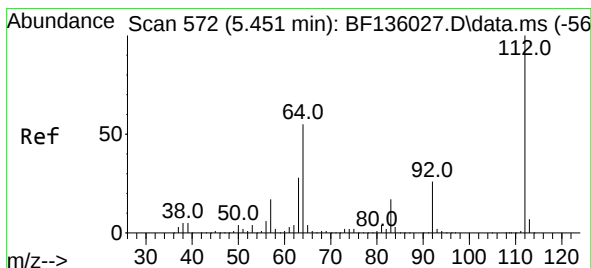
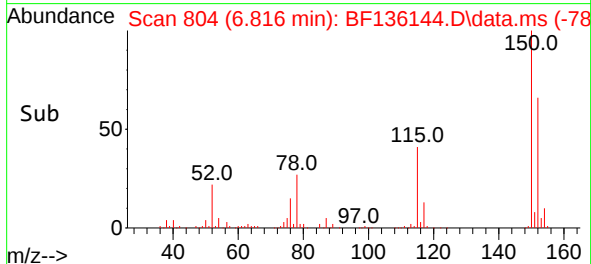
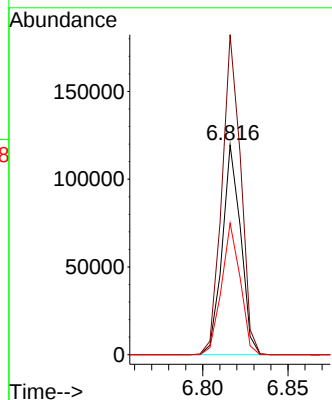
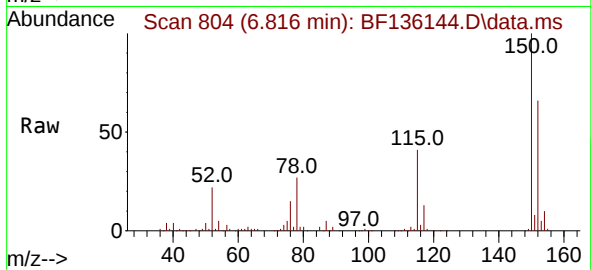




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

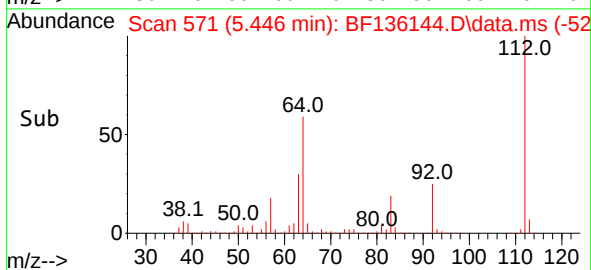
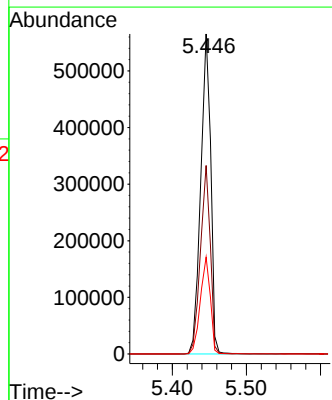
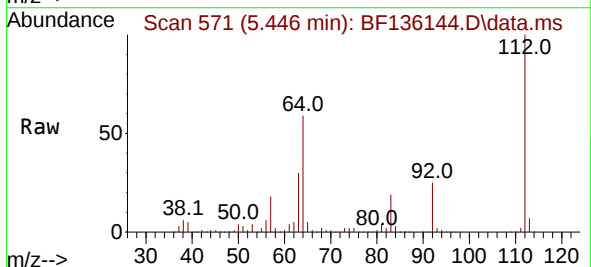
Instrument :
BNA_F
ClientSampleId :
SB-10-AT-4.5-5.0

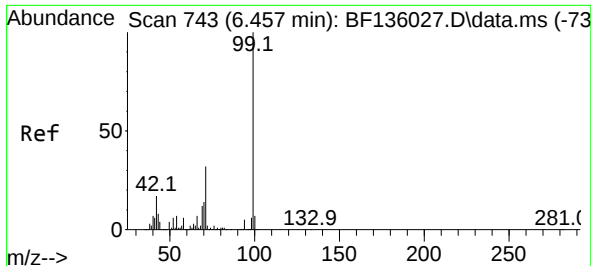
Tgt Ion:152 Resp: 90111
Ion Ratio Lower Upper
152 100
150 152.6 126.4 189.6
115 62.7 47.0 70.4



#5
2-Fluorophenol
Concen: 92.463 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

Tgt Ion:112 Resp: 530222
Ion Ratio Lower Upper
112 100
64 58.9 43.9 65.9
63 30.3 22.4 33.6

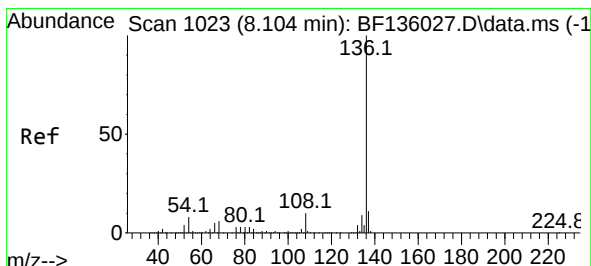
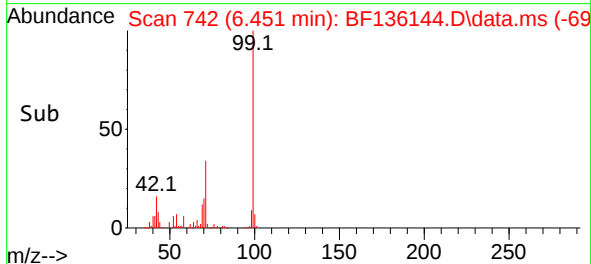
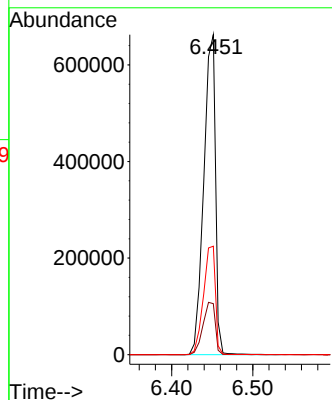
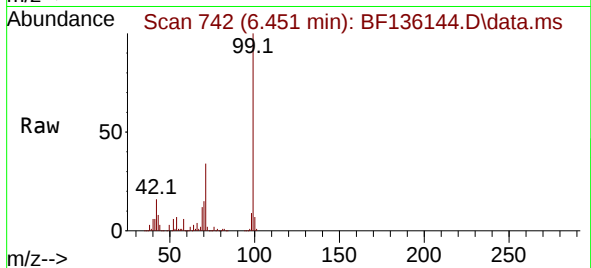




#7
Phenol-d6
Concen: 92.910 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

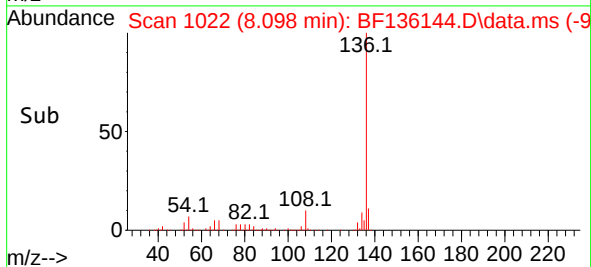
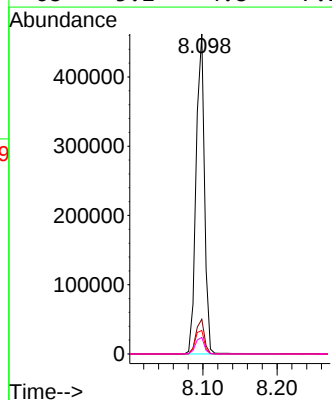
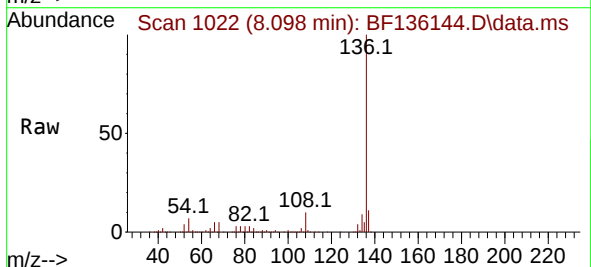
Instrument :
BNA_F
ClientSampleId :
SB-10-AT-4.5-5.0

Tgt Ion: 99 Resp: 663816
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 33.9 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: BF136144.D
Acq: 04 Nov 2023 13:27

Tgt Ion: 136 Resp: 361746
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 6.6 9.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 69.935 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136144.D

Acq: 04 Nov 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SB-10-AT-4.5-5.0

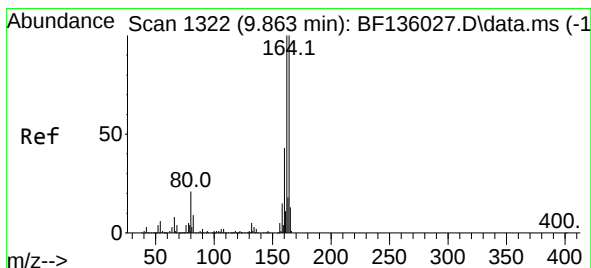
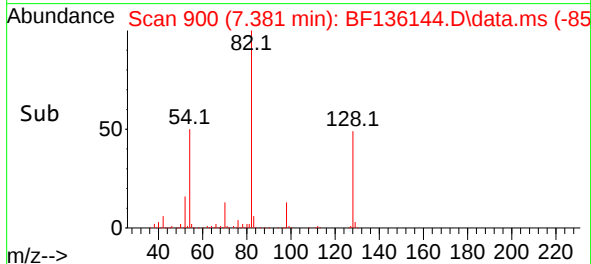
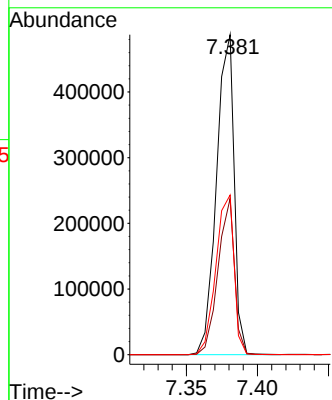
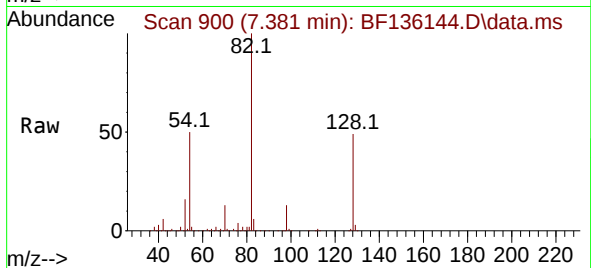
Tgt Ion: 82 Resp: 419668

Ion Ratio Lower Upper

82 100

128 48.8 38.6 57.8

54 49.9 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: BF136144.D

Acq: 04 Nov 2023 13:27

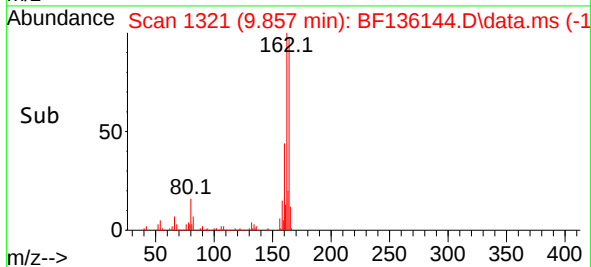
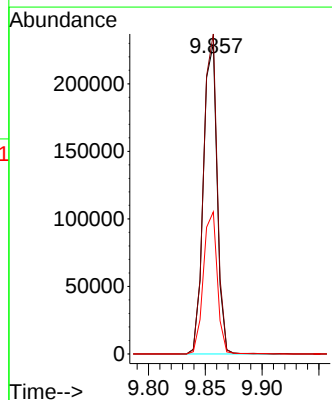
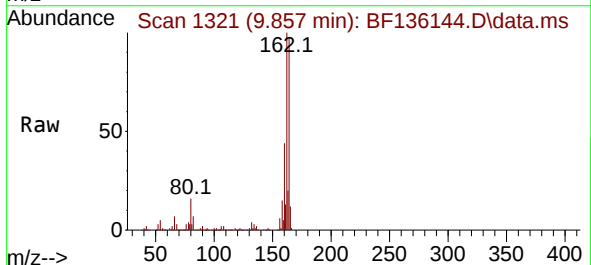
Tgt Ion:164 Resp: 193740

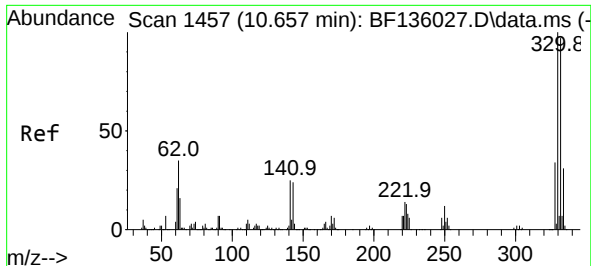
Ion Ratio Lower Upper

164 100

162 103.2 80.1 120.1

160 45.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 104.152 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF136144.D

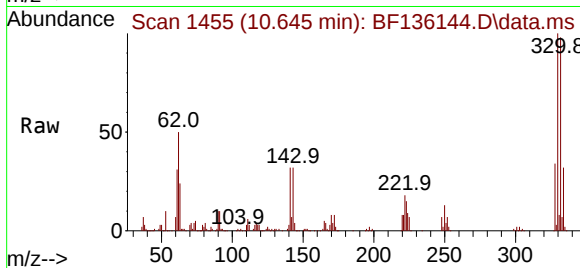
Acq: 04 Nov 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SB-10-AT-4.5-5.0



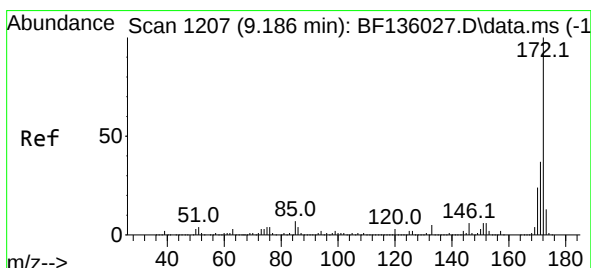
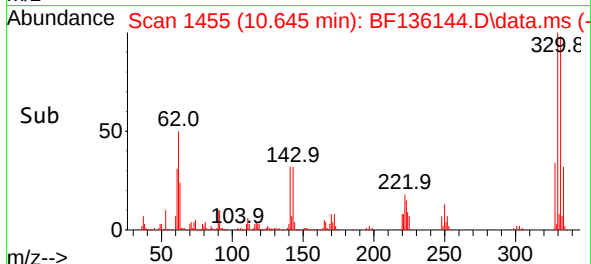
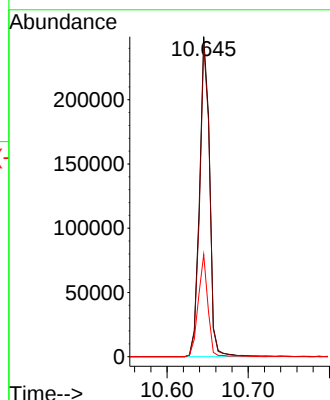
Tgt Ion:330 Resp: 215380

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 30.5 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 66.660 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF136144.D

Acq: 04 Nov 2023 13:27

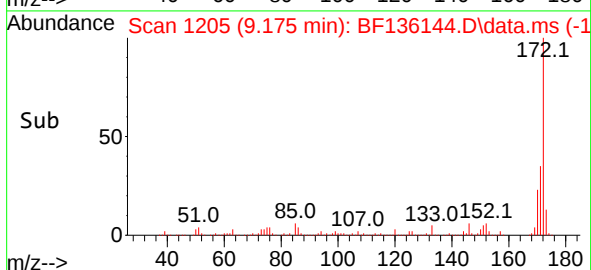
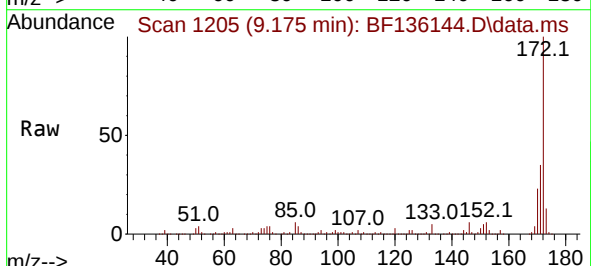
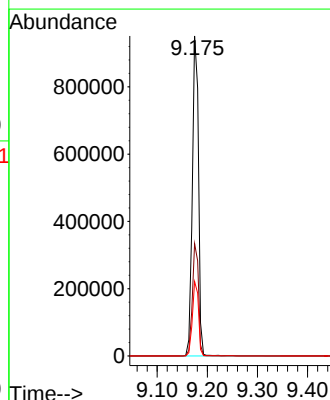
Tgt Ion:172 Resp: 810153

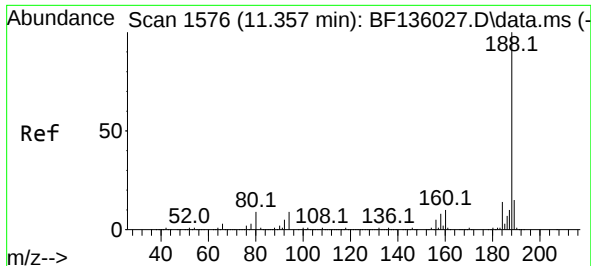
Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

170 23.2 19.3 28.9

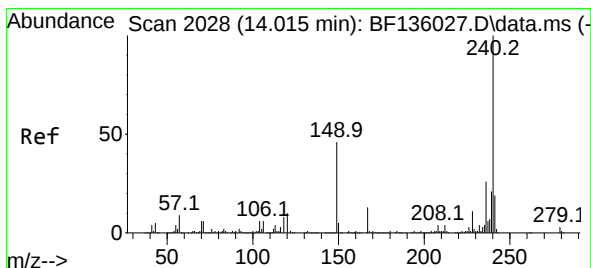
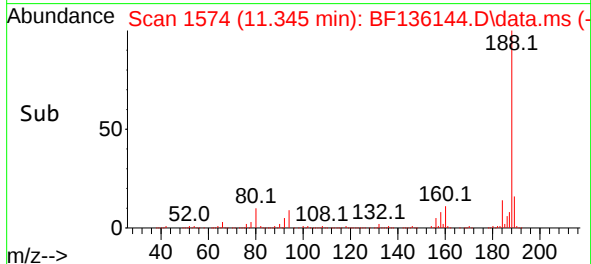
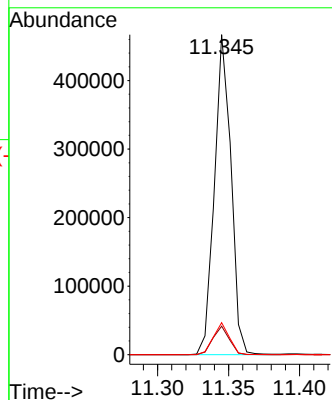
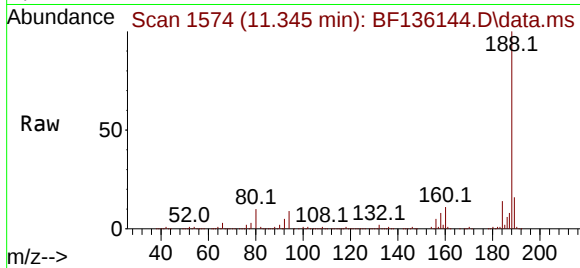




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

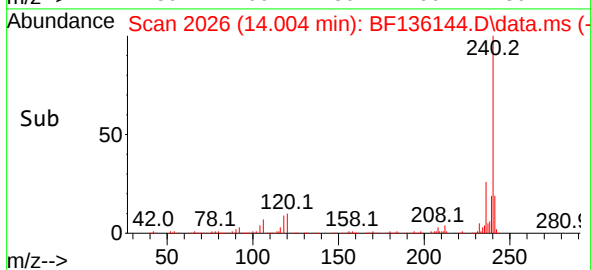
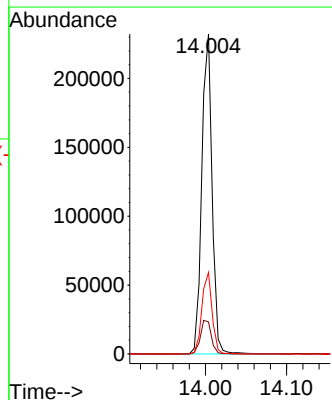
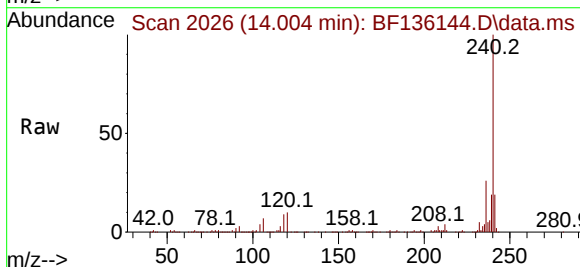
Instrument :
BNA_F
ClientSampleId :
SB-10-AT-4.5-5.0

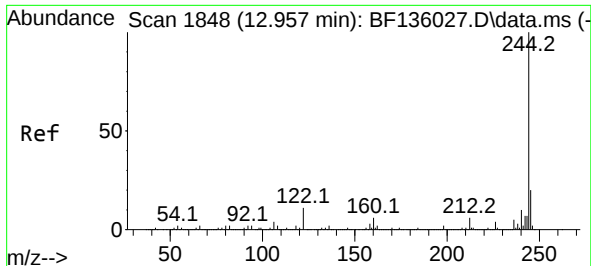
Tgt Ion:188 Resp: 377804
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.0 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

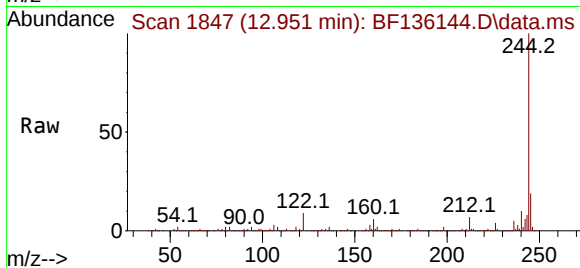
Tgt Ion:240 Resp: 204947
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.5 20.6 31.0



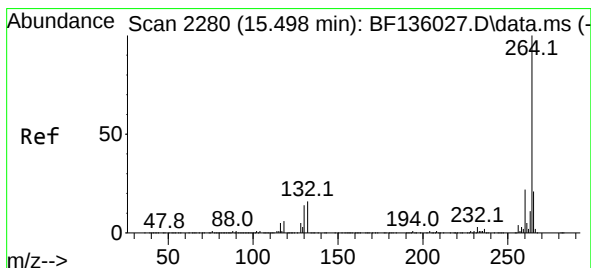
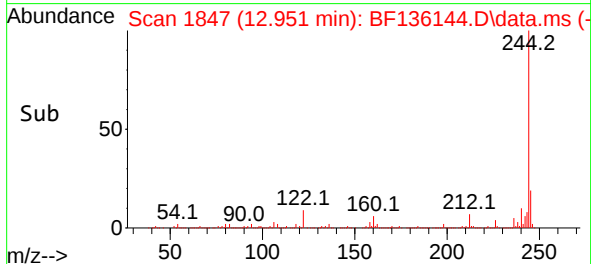
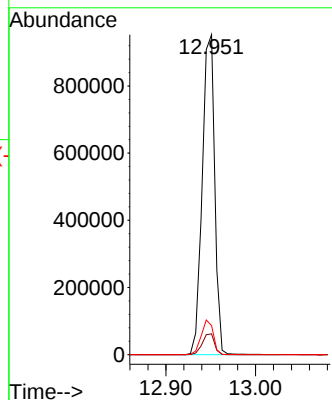


#79
Terphenyl-d14
Concen: 69.732 ng
RT: 12.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

Instrument :
BNA_F
ClientSampleId :
SB-10-AT-4.5-5.0



Tgt Ion:244 Resp: 919625
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 9.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF136144.D
Acq: 04 Nov 2023 13:27

Tgt Ion:264 Resp: 219971
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.2 16.8 25.2

