

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136104.D
 Acq On : 02 Nov 2023 19:32
 Operator : CG\JU
 Sample : 05049-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4

Quant Time: Nov 02 23:05:20 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	118956	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	469891	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	229810	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	357846	20.000	ng	0.00
76) Chrysene-d12	14.004	240	221463	20.000	ng	-0.01
86) Perylene-d12	15.492	264	199097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	423816	55.986	ng	0.00
7) Phenol-d6	6.445	99	334596	35.475	ng	-0.01
23) Nitrobenzene-d5	7.387	82	764557	98.085	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	277033	112.939	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1361498	94.442	ng	0.00
79) Terphenyl-d14	12.951	244	1144849	80.335	ng	0.00

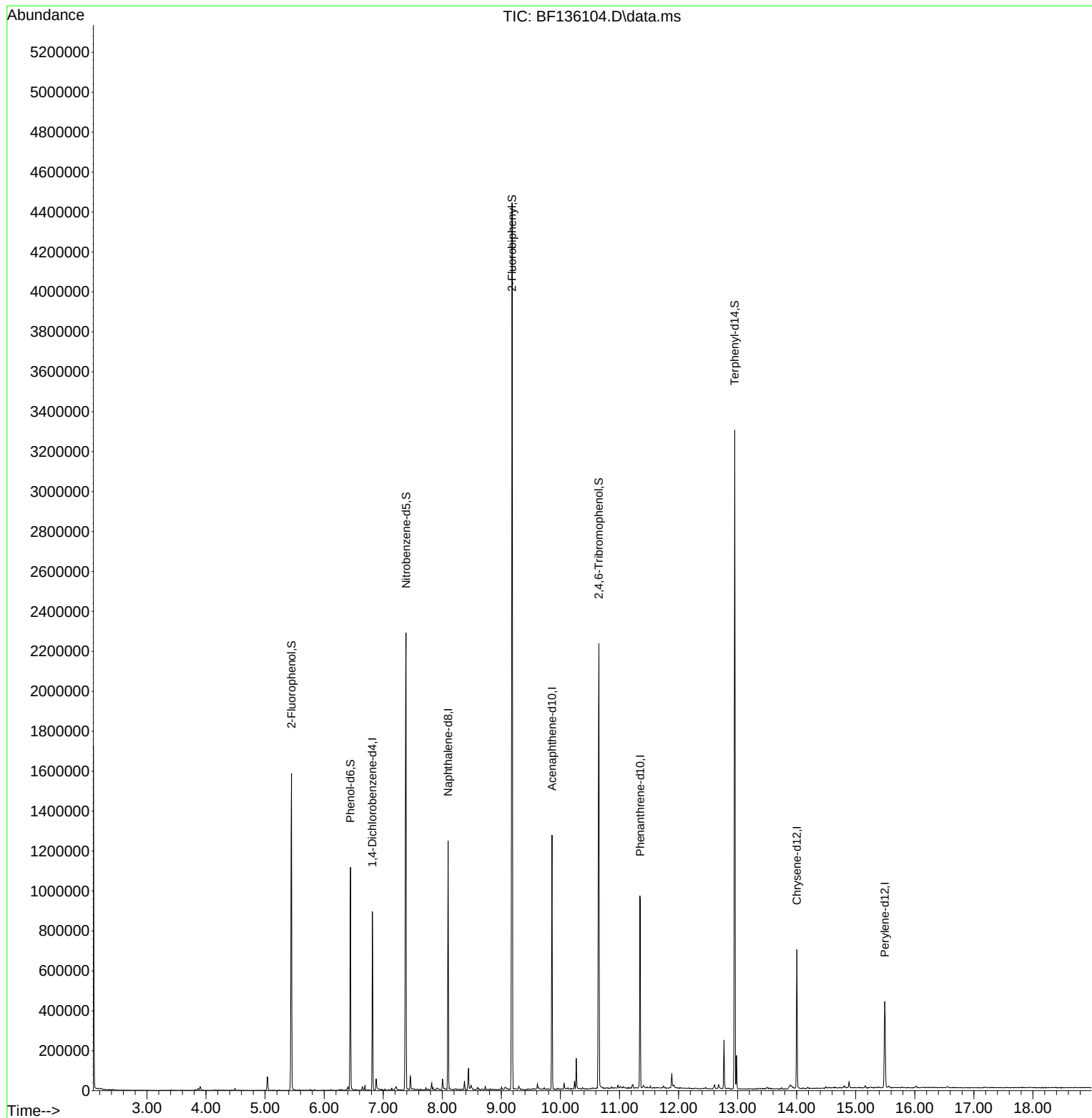
Target Compounds	Qvalue

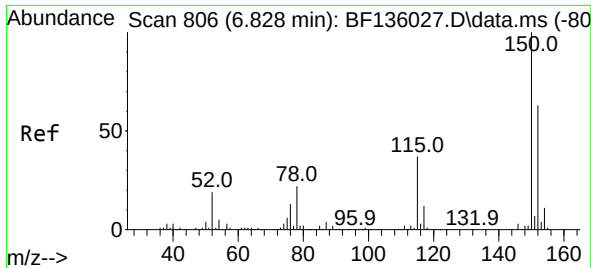
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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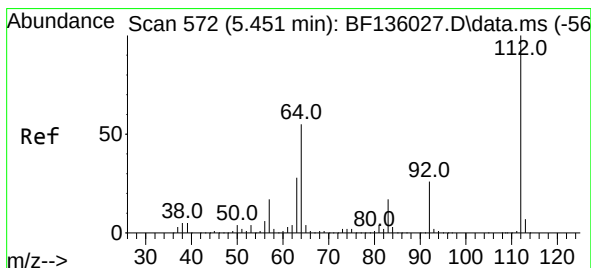
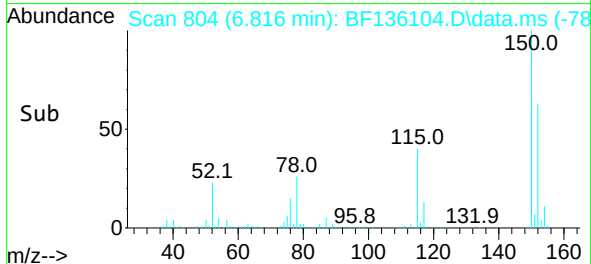
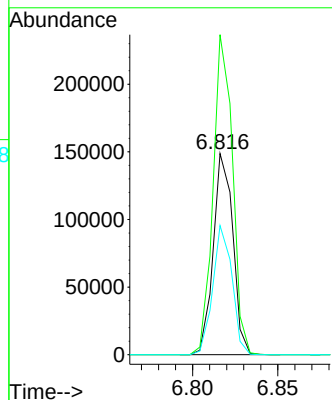
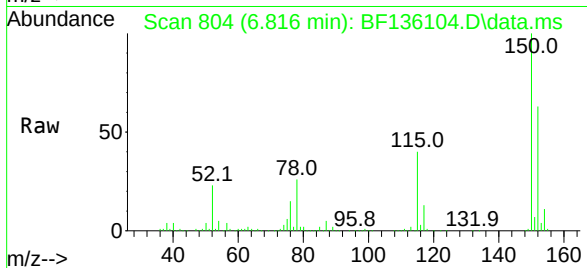




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 806
 Delta R.T. -0.012 min
 Lab File: BF136104.D
 Acq: 02 Nov 2023 19:32

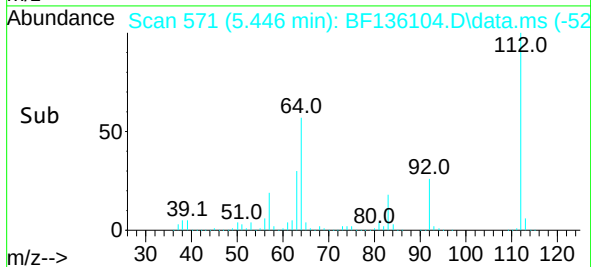
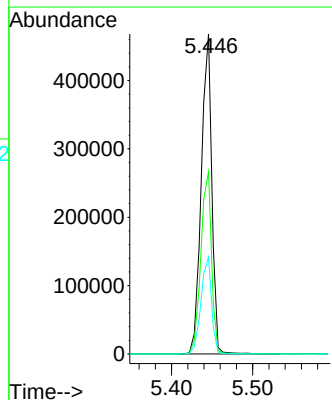
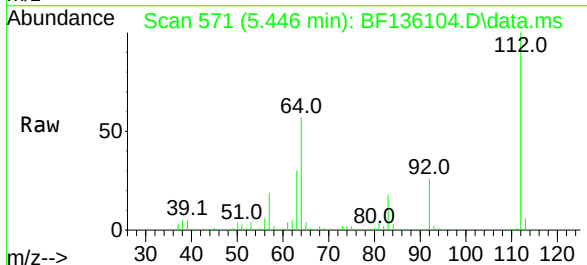
Instrument :
 BNA_F
 ClientSampleId :
 B4

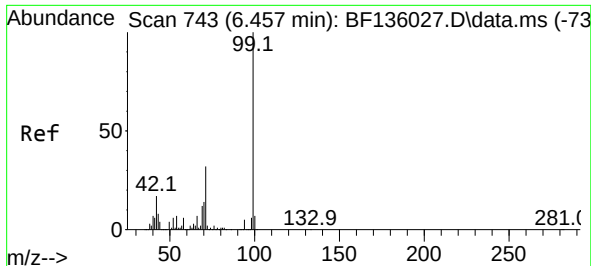
Tgt Ion:152 Resp: 118956
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.4 189.6
 115 64.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 55.986 ng
 RT: 5.446 min Scan# 571
 Delta R.T. -0.006 min
 Lab File: BF136104.D
 Acq: 02 Nov 2023 19:32

Tgt Ion:112 Resp: 423816
 Ion Ratio Lower Upper
 112 100
 64 56.9 43.9 65.9
 63 30.2 22.4 33.6

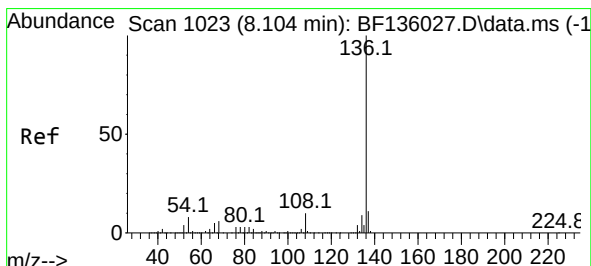
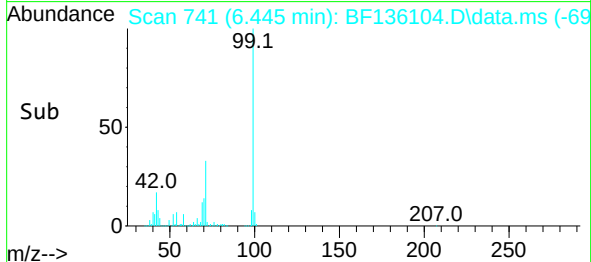
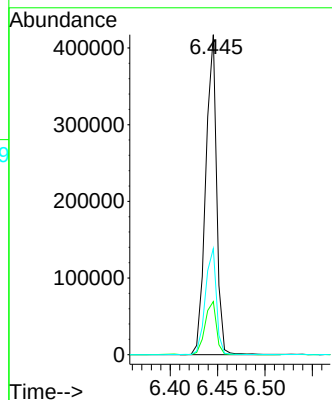
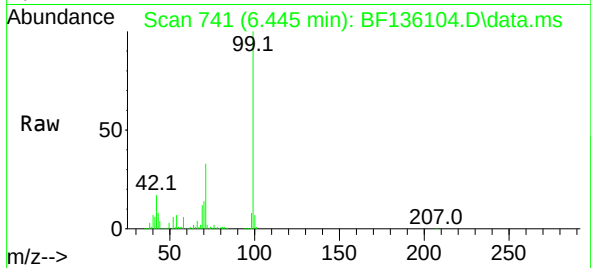




#7
Phenol-d6
Concen: 35.475 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

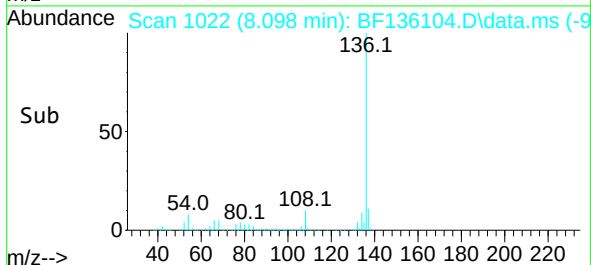
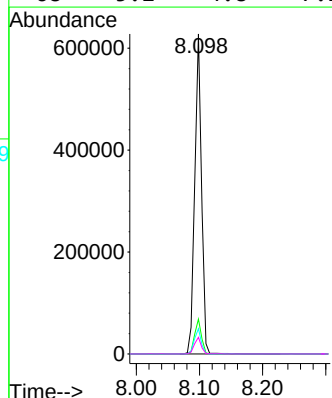
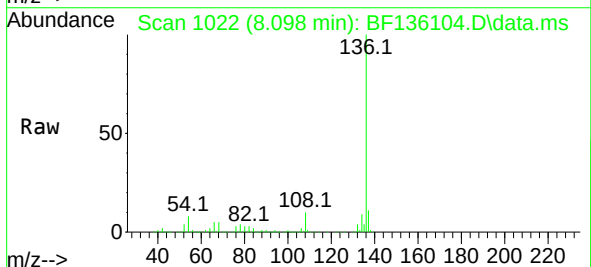
Instrument :
BNA_F
ClientSampleId :
B4

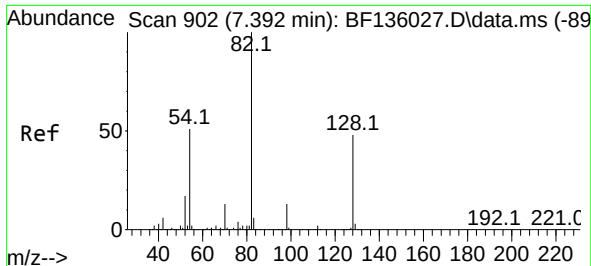
Tgt Ion: 99 Resp: 334596
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion: 136 Resp: 469891
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.6 9.8
68 5.2 4.8 7.2

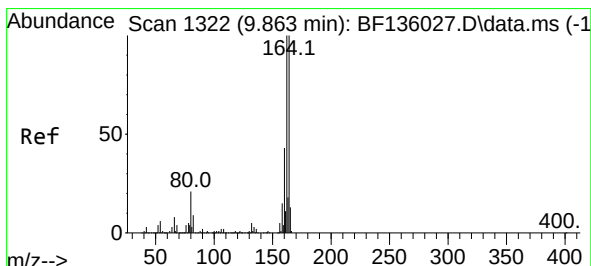
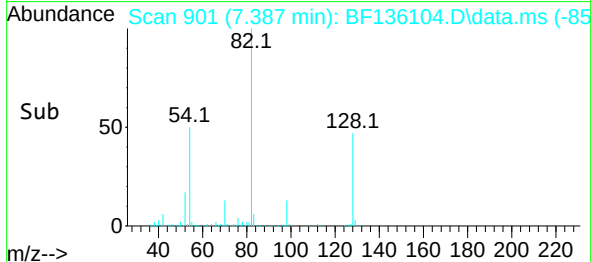
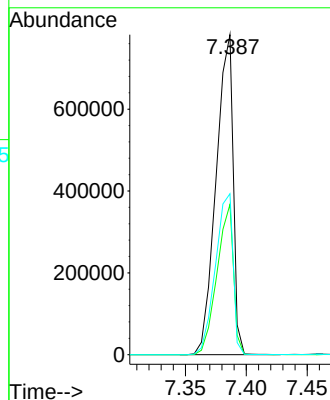
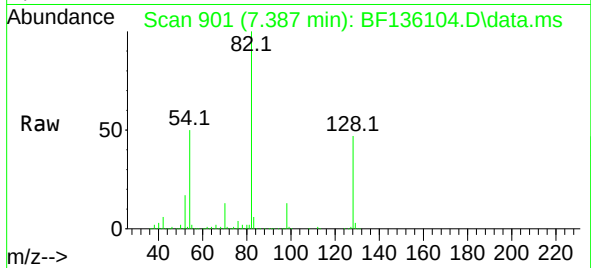




#23
Nitrobenzene-d5
Concen: 98.085 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

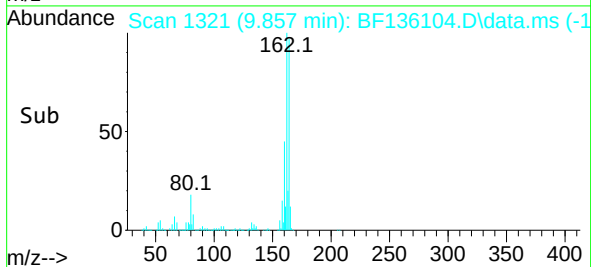
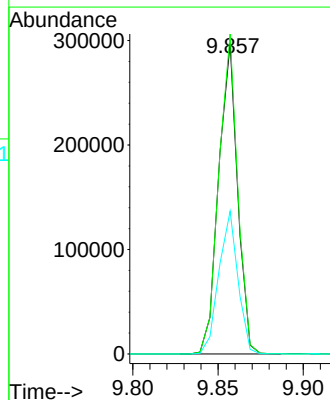
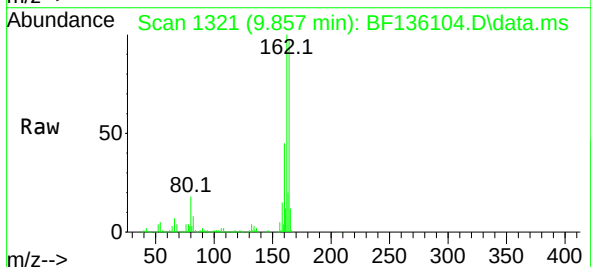
Instrument :
BNA_F
ClientSampleId :
B4

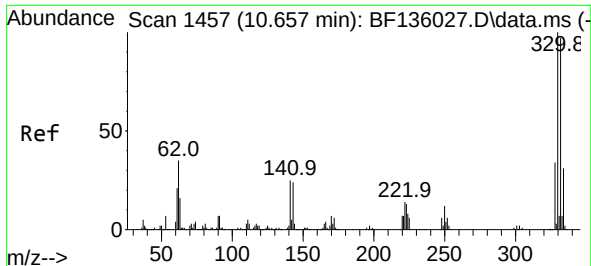
Tgt Ion: 82 Resp: 764557
Ion Ratio Lower Upper
82 100
128 47.0 38.6 57.8
54 50.3 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:164 Resp: 229810
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 46.0 34.8 52.2

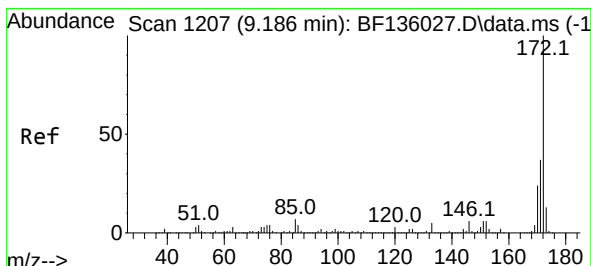
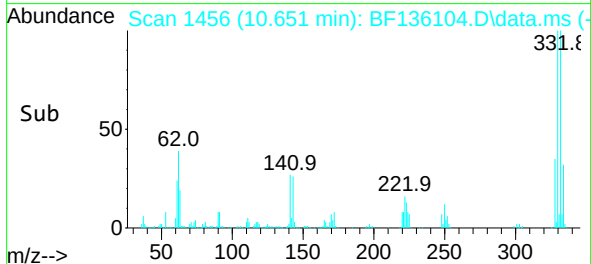
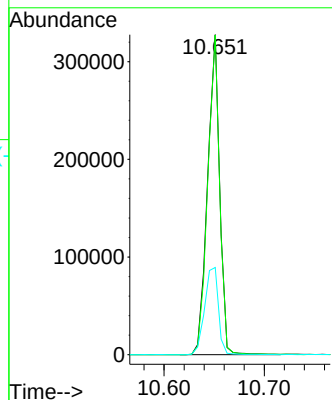
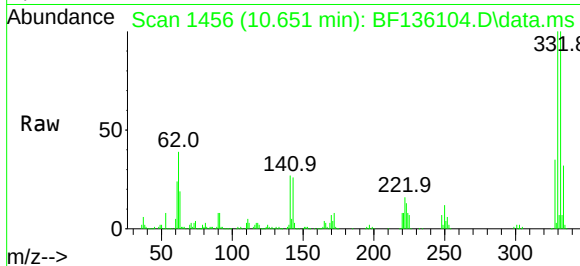




#42
2,4,6-Tribromophenol
Concen: 112.939 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

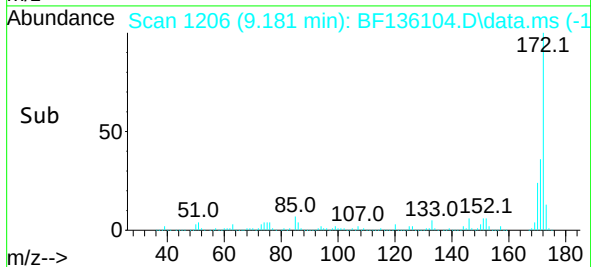
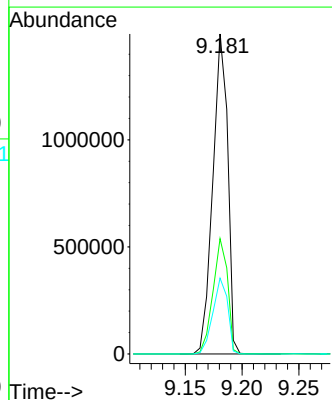
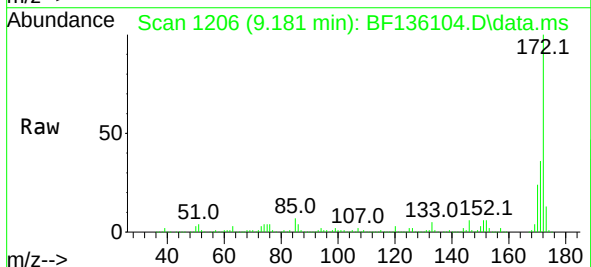
Instrument :
BNA_F
ClientSampleId :
B4

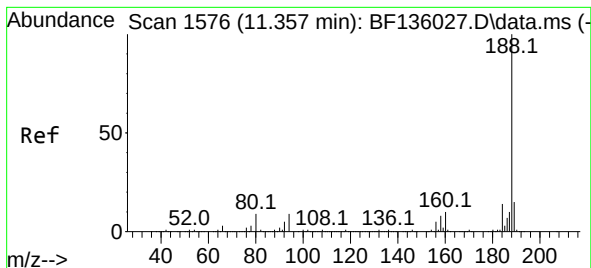
Tgt Ion:330 Resp: 277033
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 31.1 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 94.442 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:172 Resp: 1361498
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

Instrument :

BNA_F

ClientSampleId :

B4

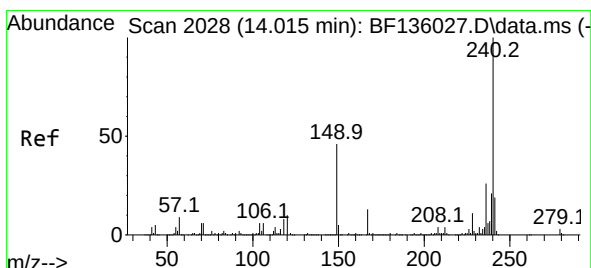
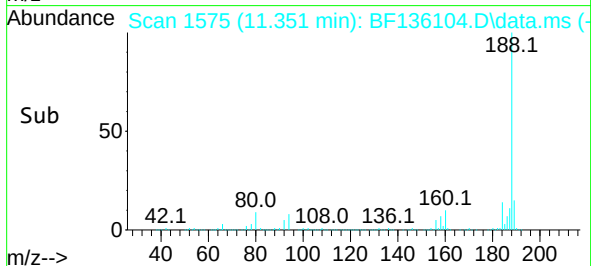
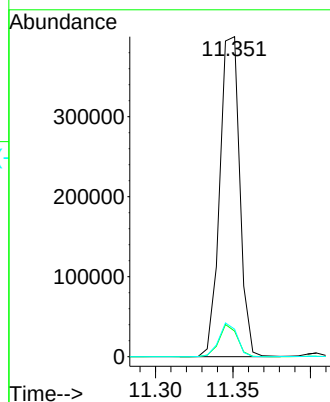
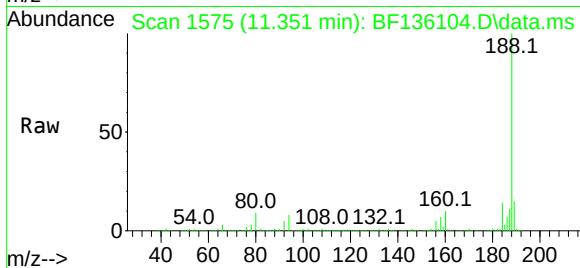
Tgt Ion:188 Resp: 357846

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

80 8.6 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: BF136104.D

Acq: 02 Nov 2023 19:32

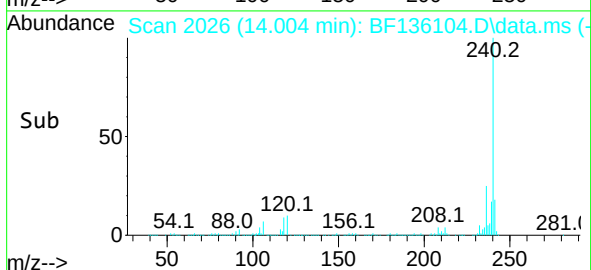
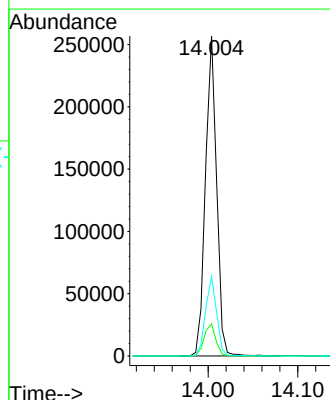
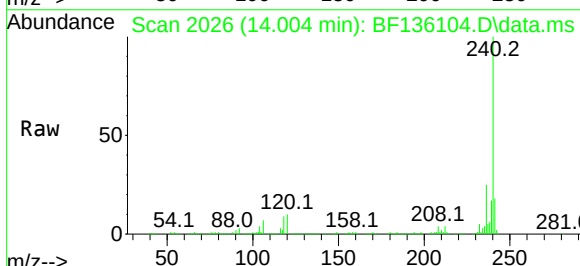
Tgt Ion:240 Resp: 221463

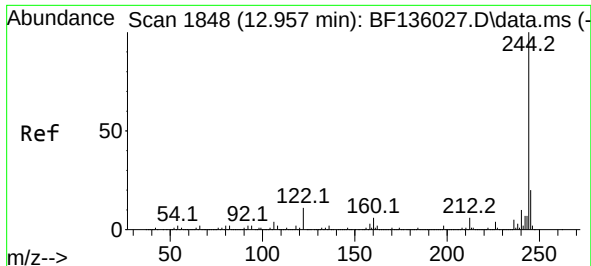
Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

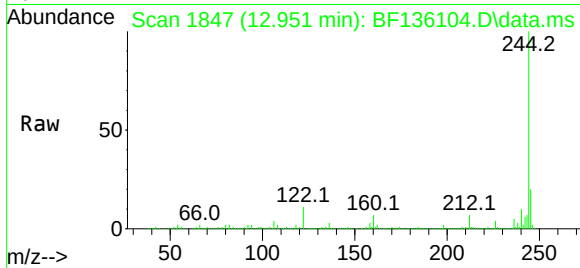
236 24.8 20.6 31.0



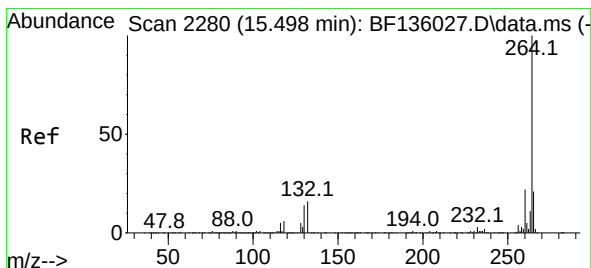
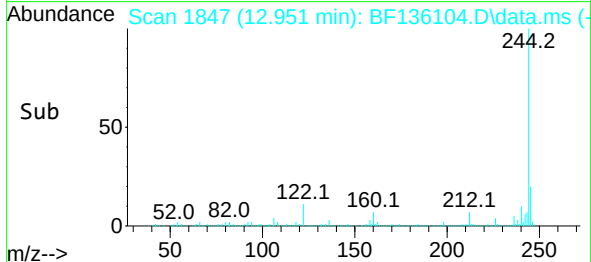
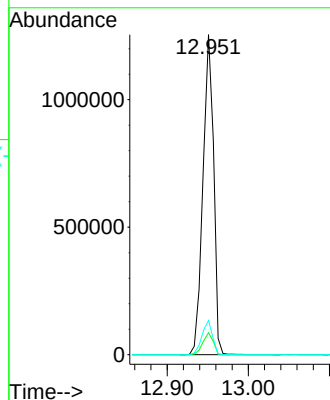


#79
 Terphenyl-d14
 Concen: 80.335 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136104.D
 Acq: 02 Nov 2023 19:32

Instrument :
 BNA_F
 ClientSampleId :
 B4



Tgt Ion:244 Resp: 1144849
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.7 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: BF136104.D
 Acq: 02 Nov 2023 19:32

Tgt Ion:264 Resp: 199097
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 20.6 16.8 25.2

