

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136277.D
 Acq On : 29 Nov 2023 11:46
 Operator : CG\JU
 Sample : PB157393BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157393BL

Quant Time: Nov 29 12:22:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142971	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	611730	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	317645	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	627151	20.000	ng	0.00
76) Chrysene-d12	13.986	240	350599	20.000	ng	0.00
86) Perylene-d12	15.468	264	239364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1376602	134.015	ng	0.01
7) Phenol-d6	6.445	99	1674853	130.402	ng	0.00
23) Nitrobenzene-d5	7.369	82	1042220	90.030	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	553951	142.643	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2214148	89.035	ng	0.00
79) Terphenyl-d14	12.933	244	2795075	91.959	ng	0.00

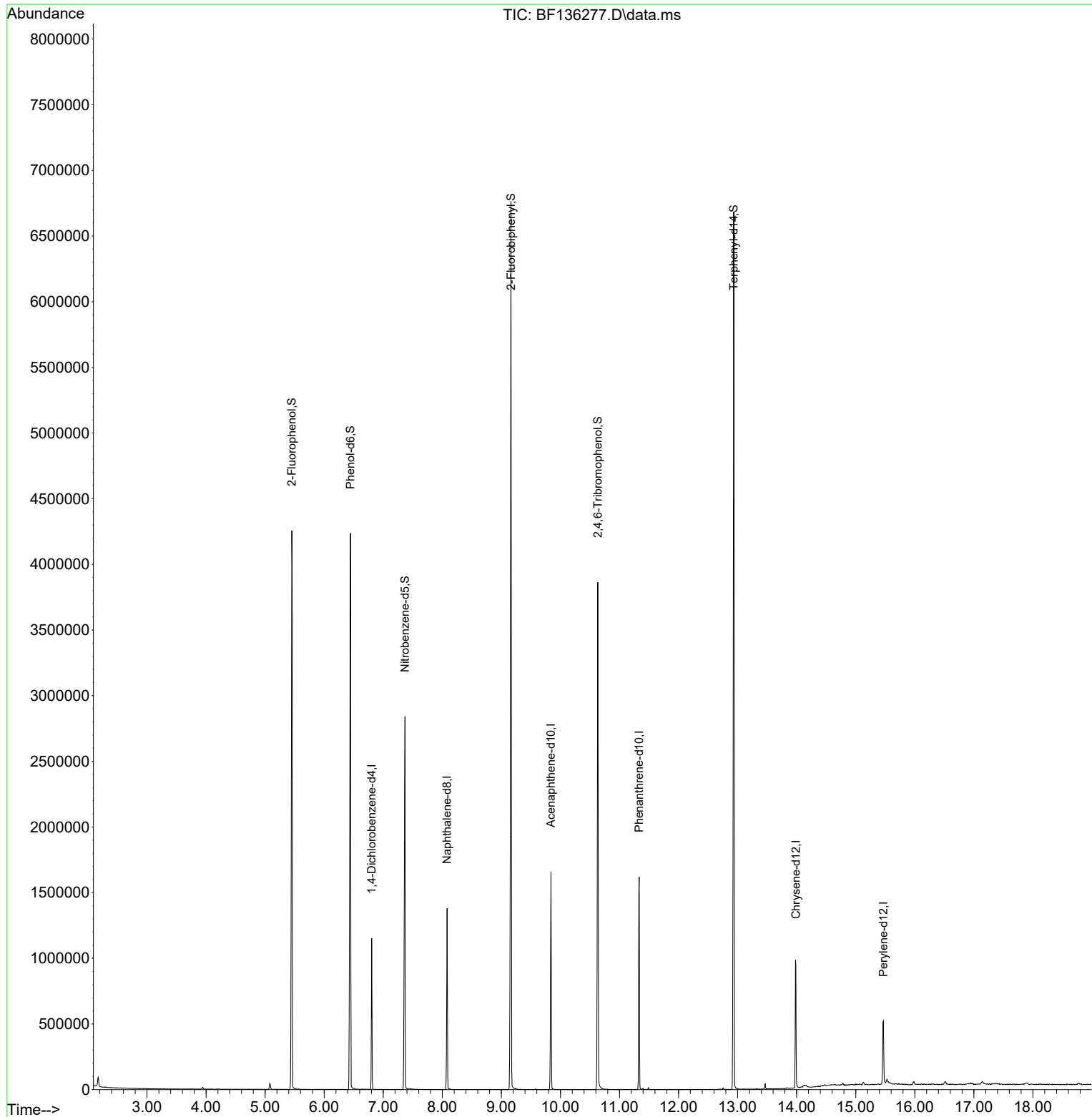
Target Compounds	Qvalue

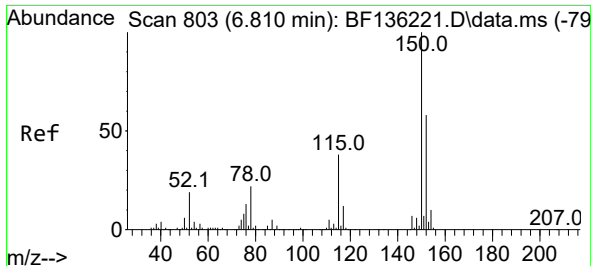
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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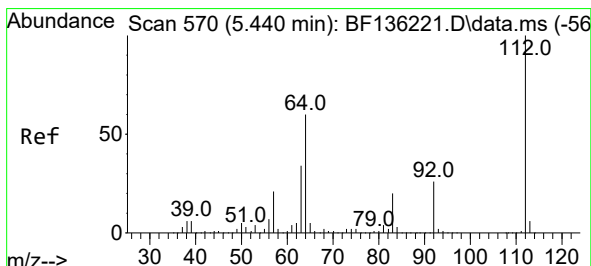
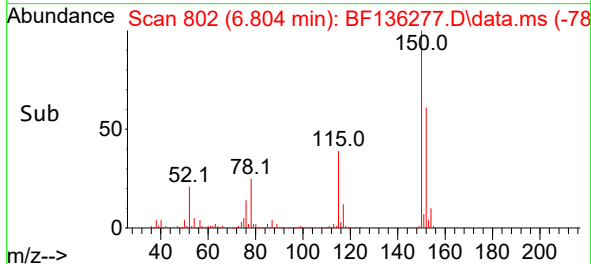
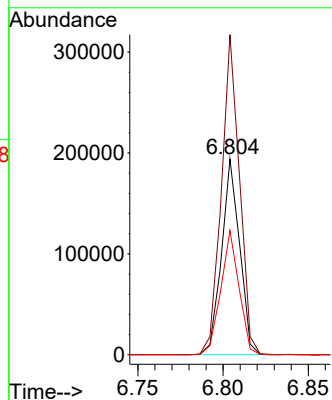
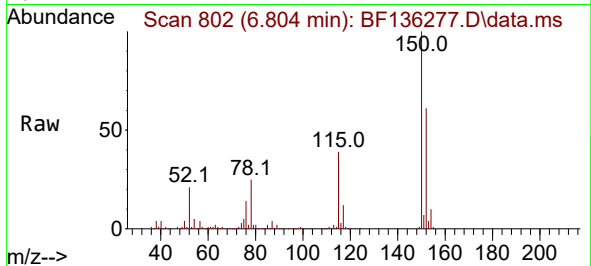




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

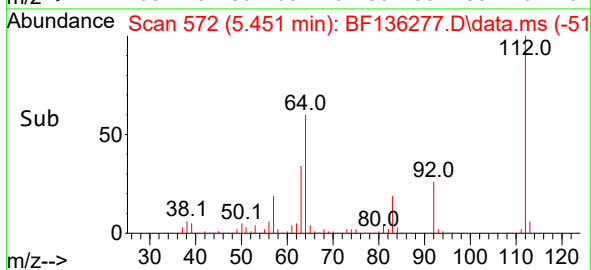
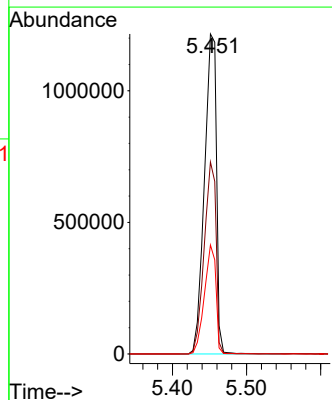
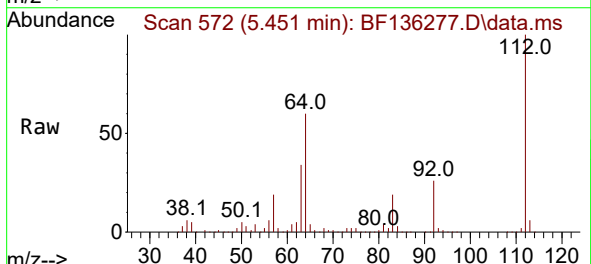
Instrument :
BNA_F
ClientSampleId :
PB157393BL

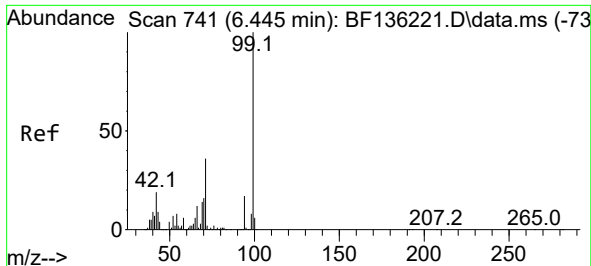
Tgt Ion:152 Resp: 142971
Ion Ratio Lower Upper
152 100
150 163.5 137.8 206.8
115 63.5 52.7 79.1



#5
2-Fluorophenol
Concen: 134.015 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:112 Resp: 1376602
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 34.0 27.0 40.6

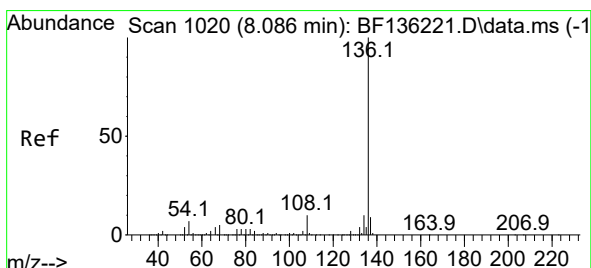
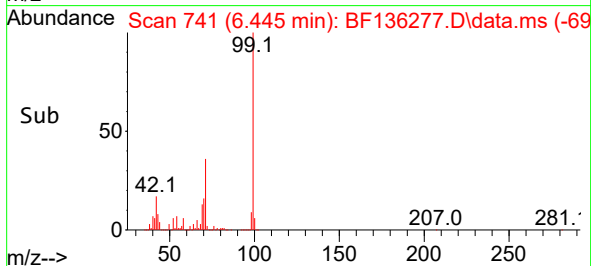
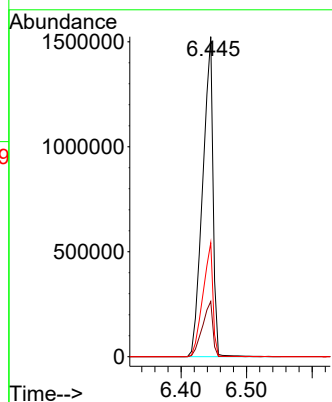
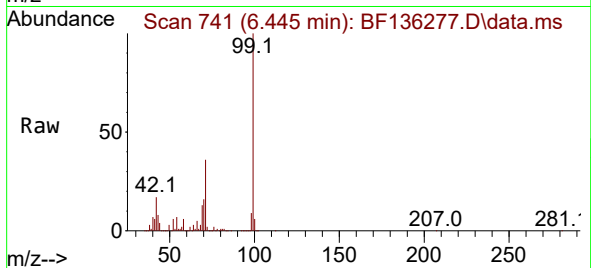




#7
Phenol-d6
Concen: 130.402 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

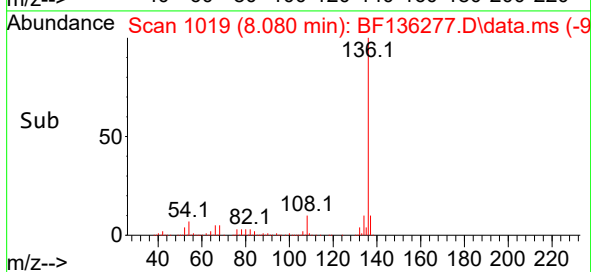
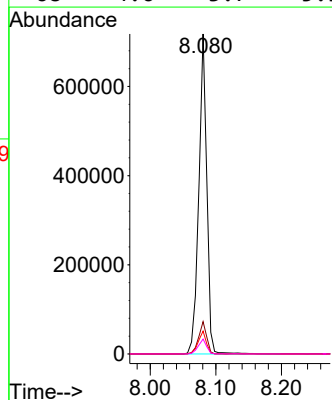
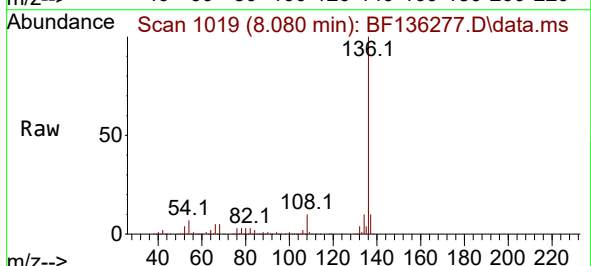
Instrument :
BNA_F
ClientSampleId :
PB157393BL

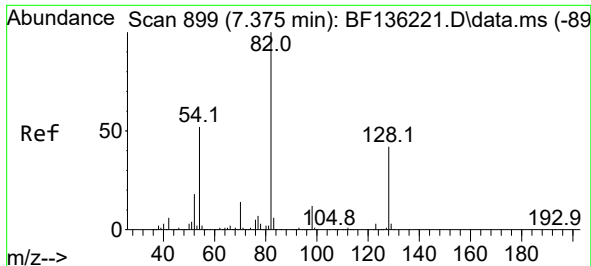
Tgt Ion: 99 Resp: 1674853
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 35.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:136 Resp: 611730
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.2 5.5 8.3
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.030 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

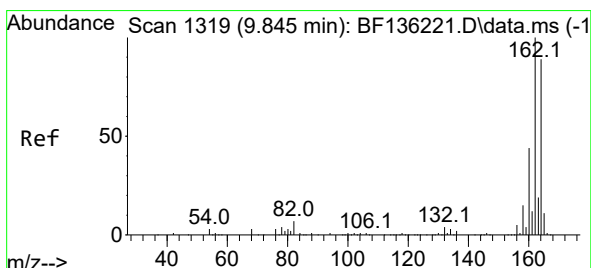
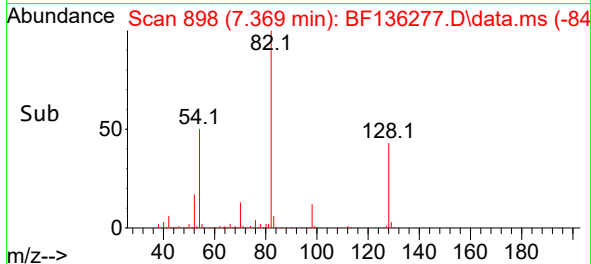
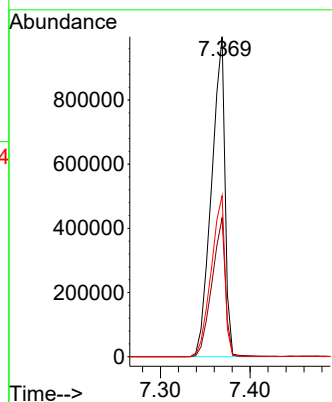
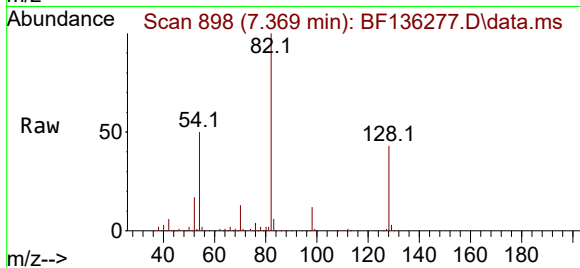
BNA_F

ClientSampleId :

PB157393BL

Tgt Ion: 82 Resp: 1042220

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.2
54	50.3	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

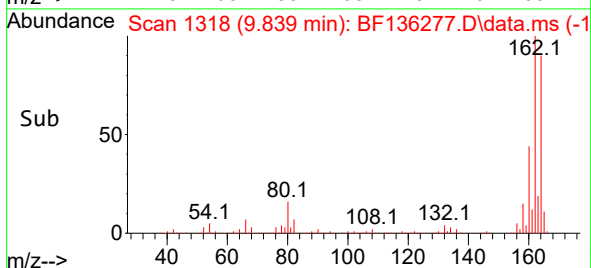
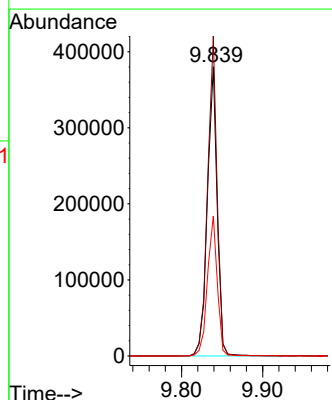
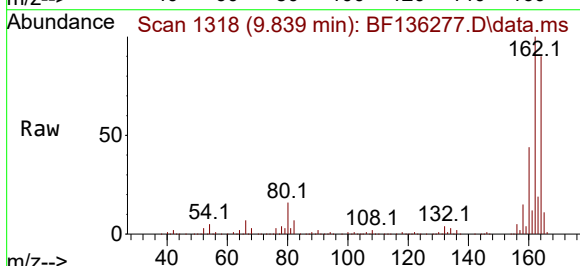
Delta R.T. -0.006 min

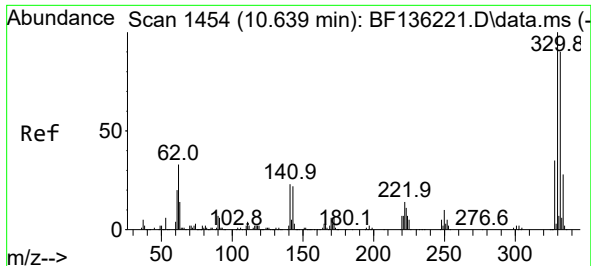
Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

Tgt Ion: 164 Resp: 317645

Ion	Ratio	Lower	Upper
164	100		
162	110.6	89.5	134.3
160	48.4	39.6	59.4

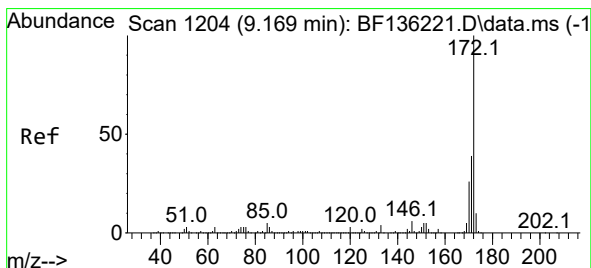
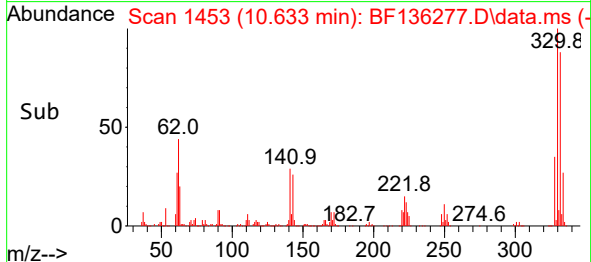
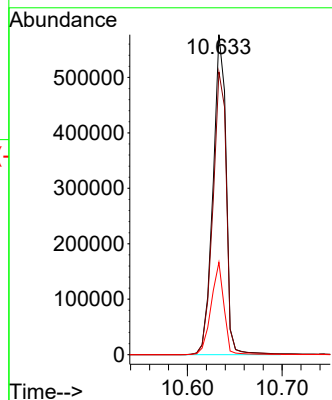
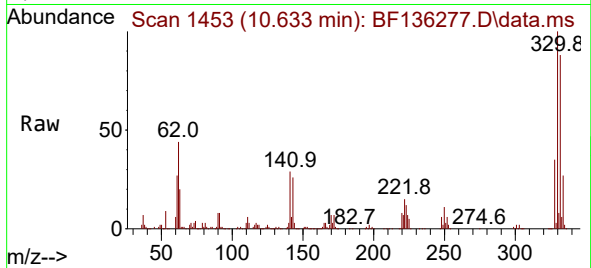




#42
2,4,6-Tribromophenol
Concen: 142.643 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

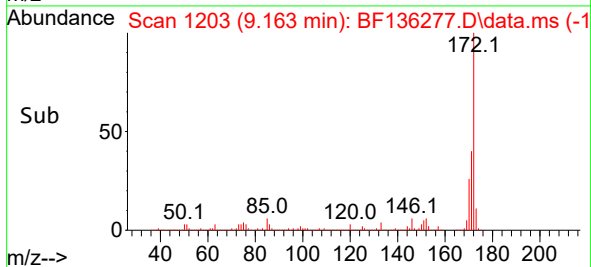
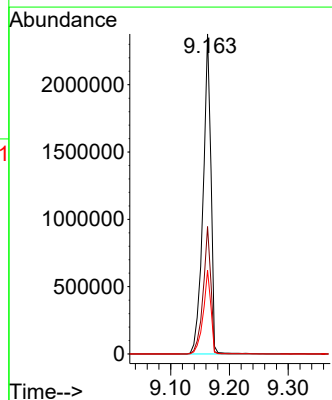
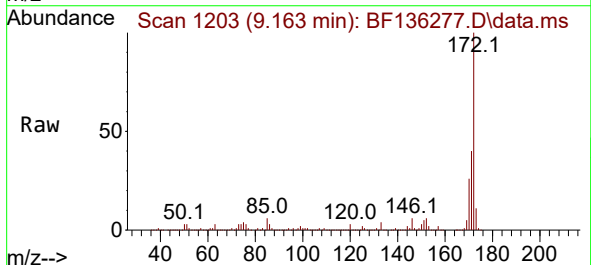
Instrument :
BNA_F
ClientSampleId :
PB157393BL

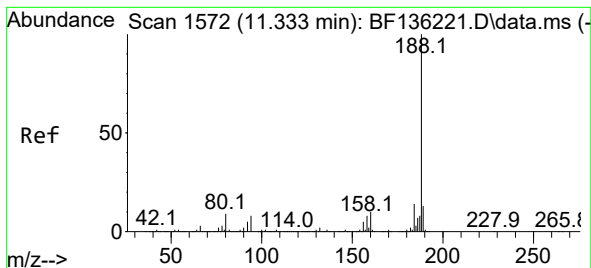
Tgt Ion:330 Resp: 553951
Ion Ratio Lower Upper
330 100
332 92.1 73.0 109.6
141 28.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 89.035 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:172 Resp: 2214148
Ion Ratio Lower Upper
172 100
171 39.8 31.5 47.3
170 26.2 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157393BL

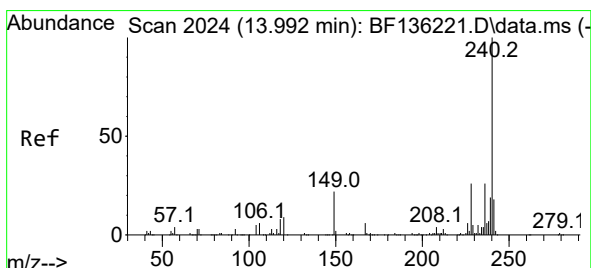
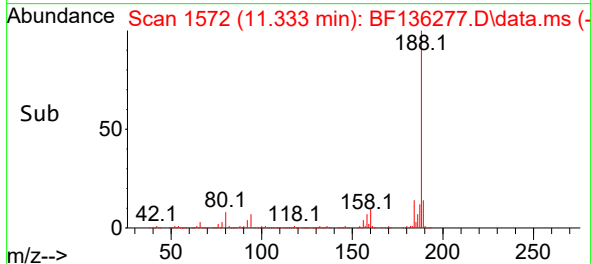
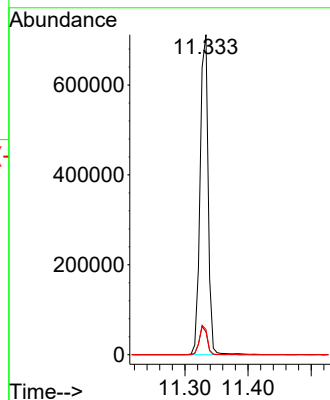
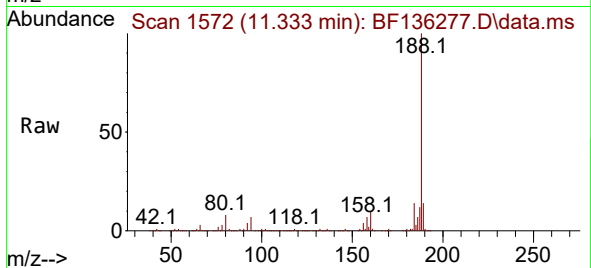
Tgt Ion:188 Resp: 627151

Ion Ratio Lower Upper

188 100

94 7.1 6.7 10.1

80 7.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

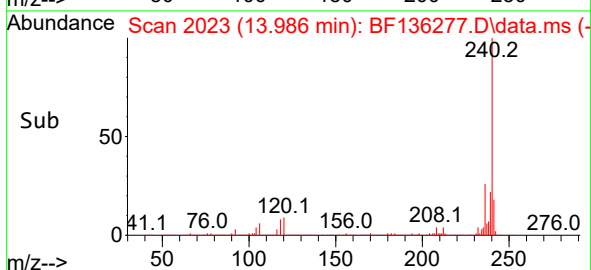
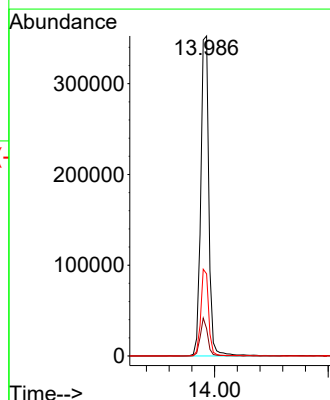
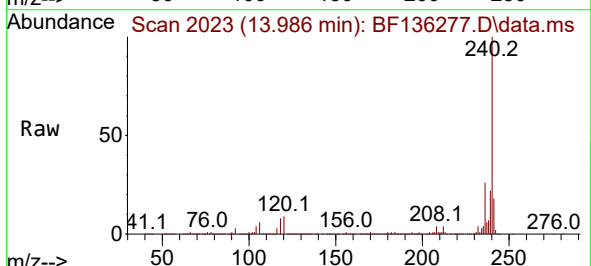
Tgt Ion:240 Resp: 350599

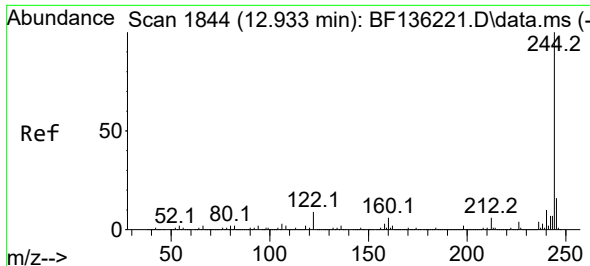
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.7 21.1 31.7

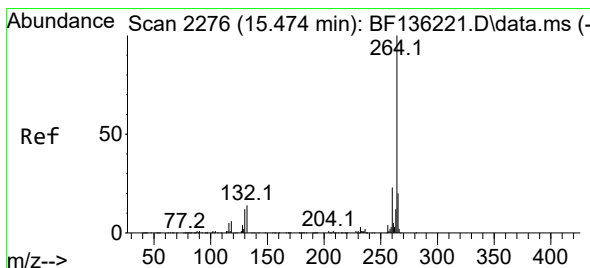
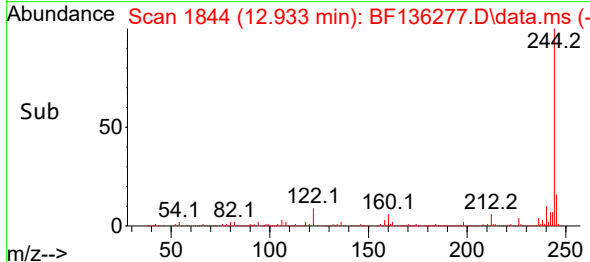
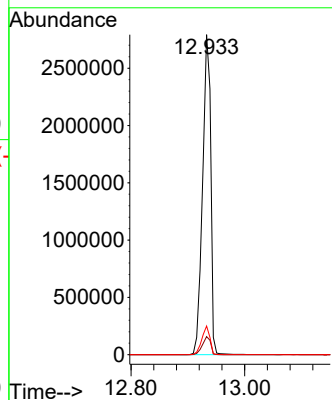
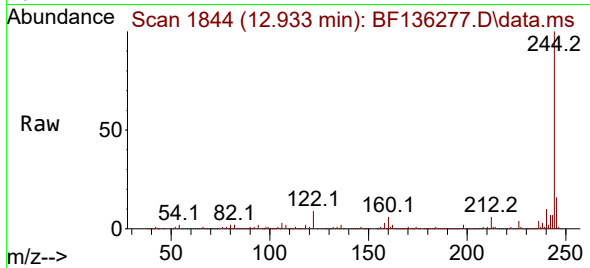




#79
 Terphenyl-d14
 Concen: 91.959 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136277.D
 Acq: 29 Nov 2023 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB157393BL

Tgt Ion:244 Resp: 2795075
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 9.0 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136277.D
 Acq: 29 Nov 2023 11:46

Tgt Ion:264 Resp: 239364
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 20.7 15.7 23.5

