

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136240.D
 Acq On : 28 Nov 2023 10:19
 Operator : CG\JU
 Sample : PB157023BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BL

Quant Time: Nov 28 11:39:55 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	149147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	631041	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	322004	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	619412	20.000	ng	0.00
76) Chrysene-d12	13.980	240	341789	20.000	ng	-0.01
86) Perylene-d12	15.462	264	245611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1460128	136.260	ng	0.01
7) Phenol-d6	6.445	99	1829193	136.521	ng	0.00
23) Nitrobenzene-d5	7.363	82	1119404	93.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	553918	140.704	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2301383	91.290	ng	0.00
79) Terphenyl-d14	12.933	244	2611644	88.139	ng	0.00

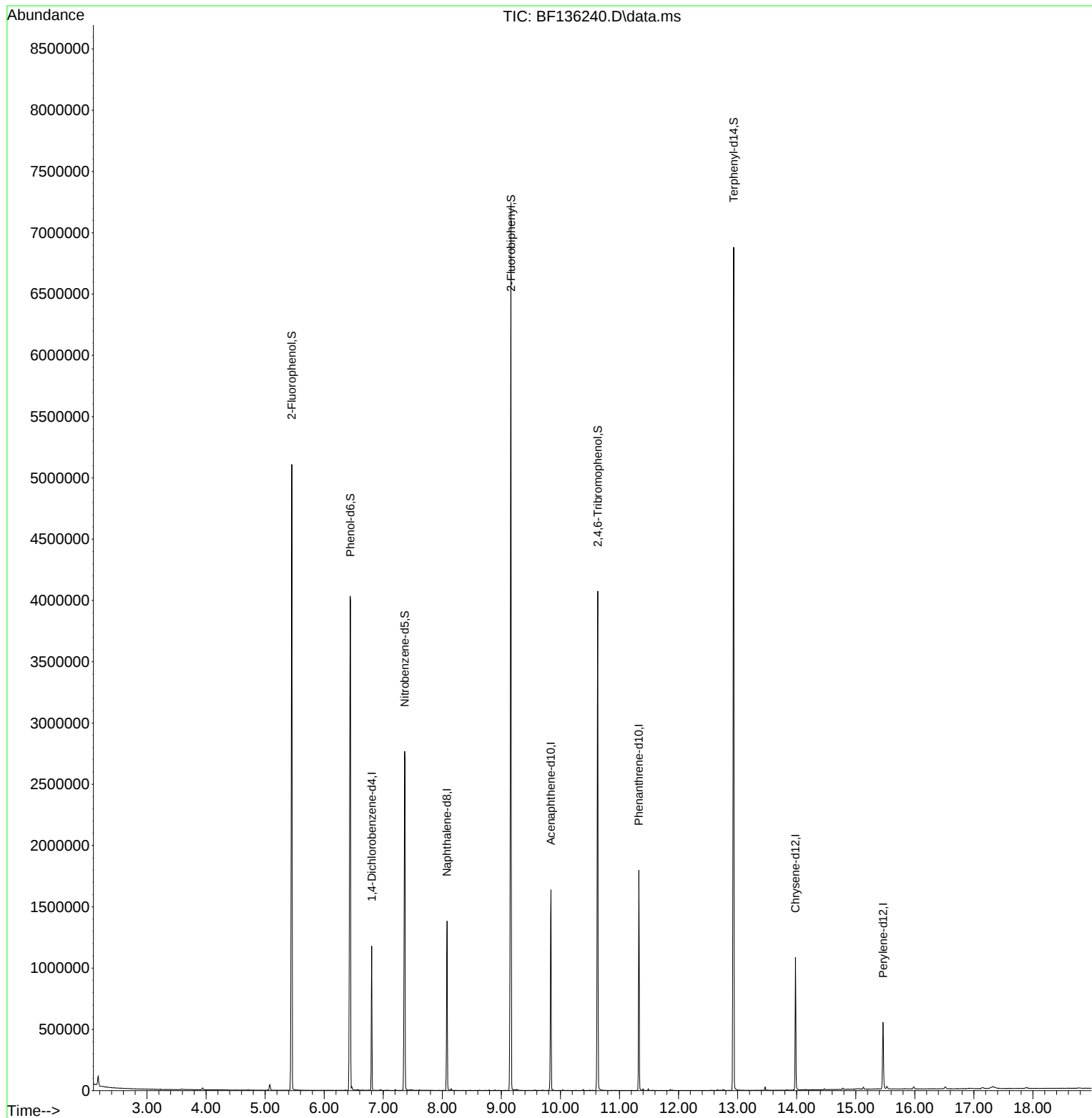
Target Compounds	Qvalue

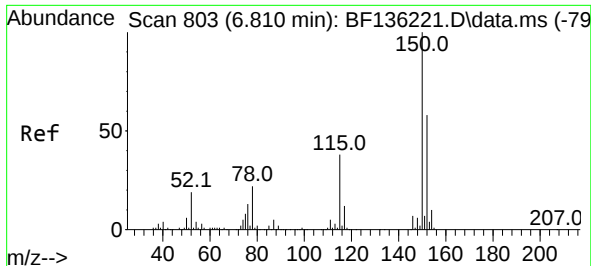
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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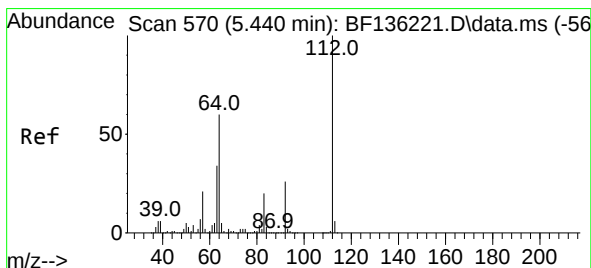
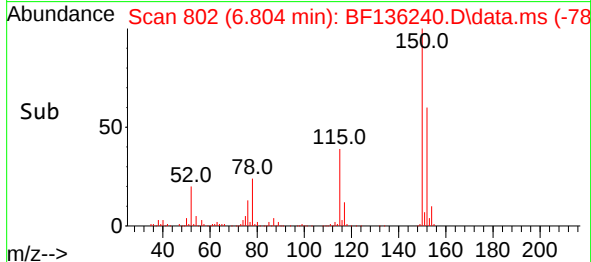
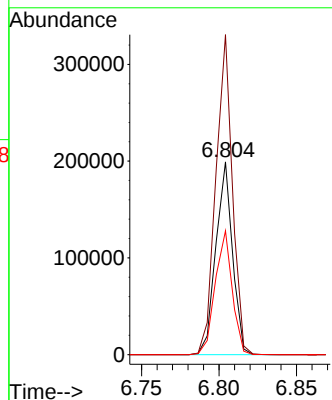
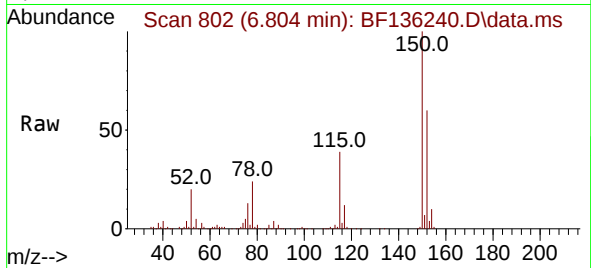




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

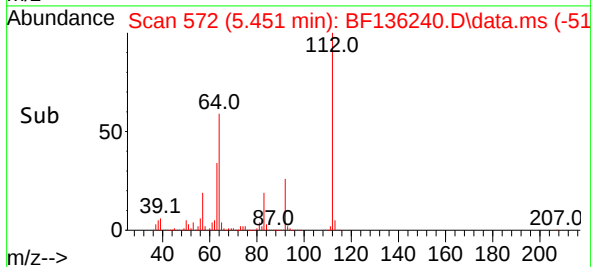
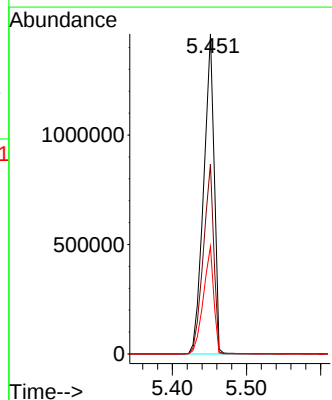
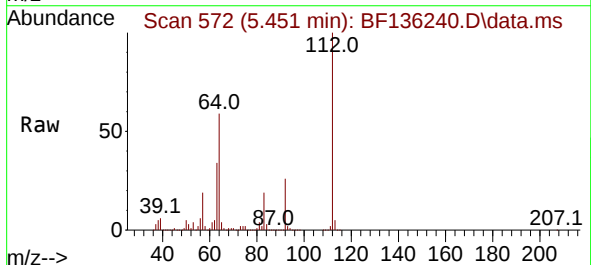
Instrument :
BNA_F
ClientSampleId :
PB157023BL

Tgt Ion:152 Resp: 149147
Ion Ratio Lower Upper
152 100
150 165.9 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 136.260 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:112 Resp: 1460128
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.4
63 33.6 27.0 40.6



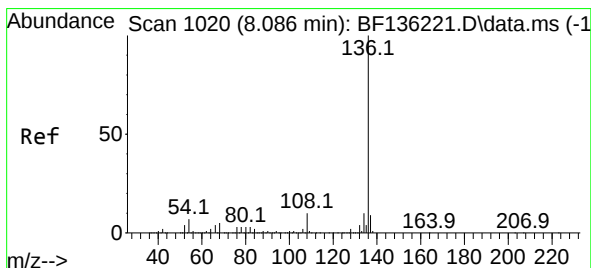
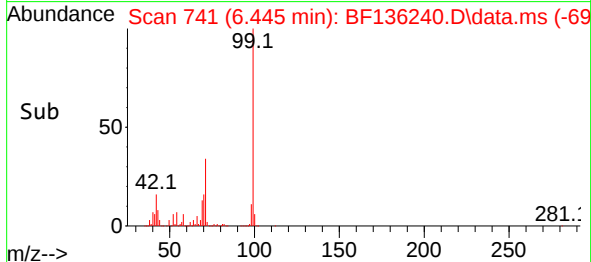
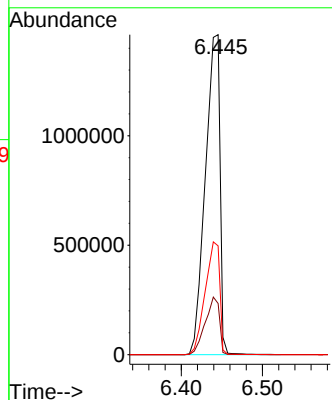
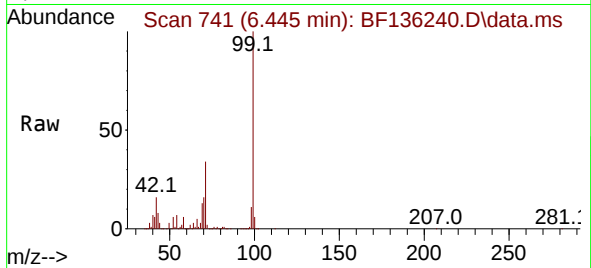


#7
Phenol-d6
Concen: 136.521 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Instrument :
BNA_F
ClientSampleId :
PB157023BL

Tgt Ion: 99 Resp: 1829193

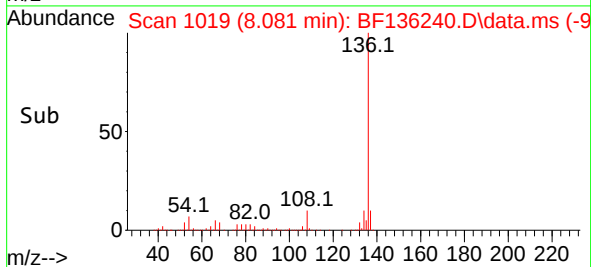
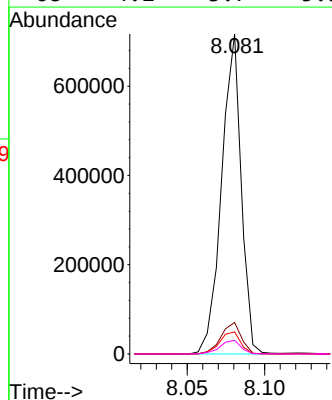
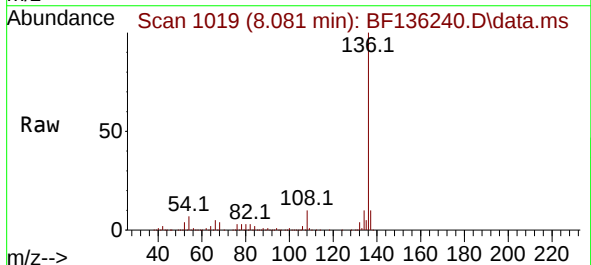
Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.0	22.6
71	34.0	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion: 136 Resp: 631041

Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.4	11.2
54	6.9	5.5	8.3
68	4.2	3.7	5.5

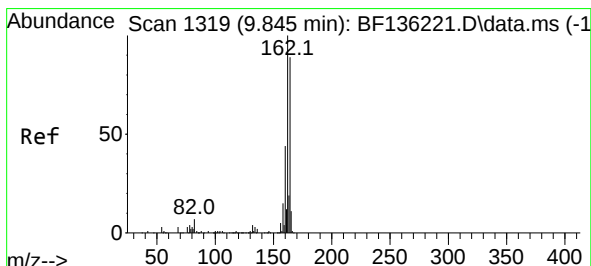
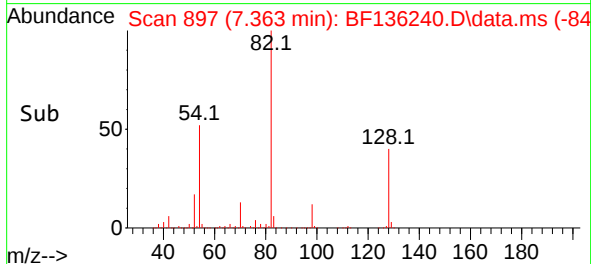
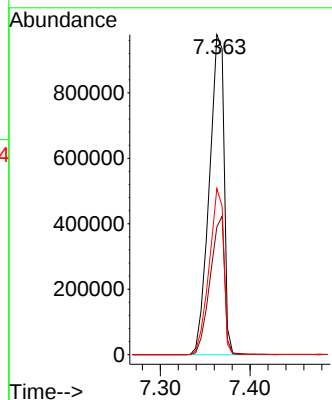
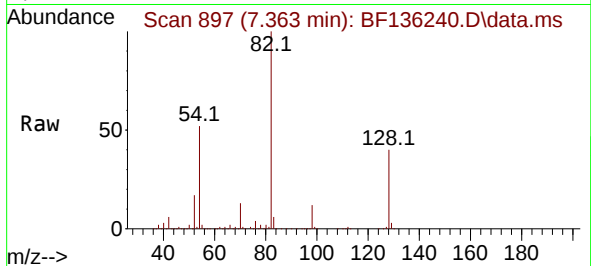




#23
Nitrobenzene-d5
Concen: 93.739 ng
RT: 7.363 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

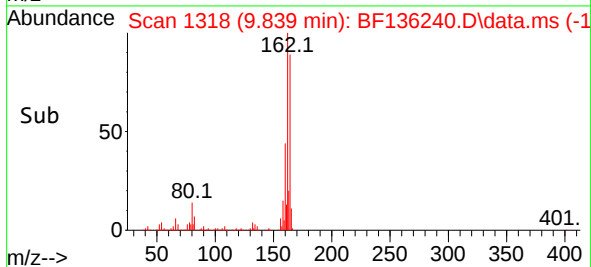
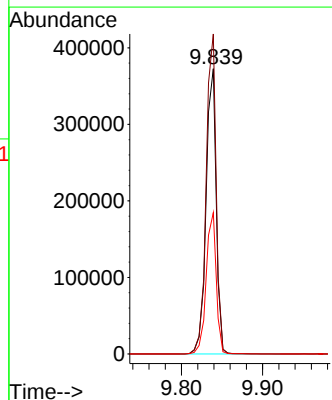
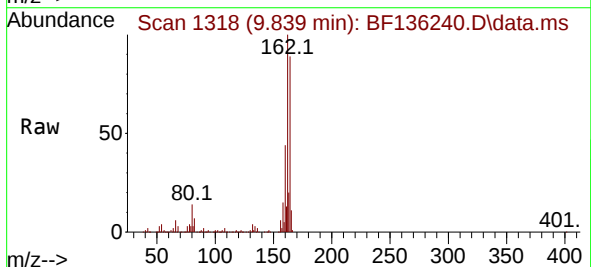
Instrument :
BNA_F
ClientSampleId :
PB157023BL

Tgt Ion: 82 Resp: 1119404
Ion Ratio Lower Upper
82 100
128 39.9 33.4 50.2
54 51.9 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: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:164 Resp: 322004
Ion Ratio Lower Upper
164 100
162 112.2 89.5 134.3
160 49.5 39.6 59.4

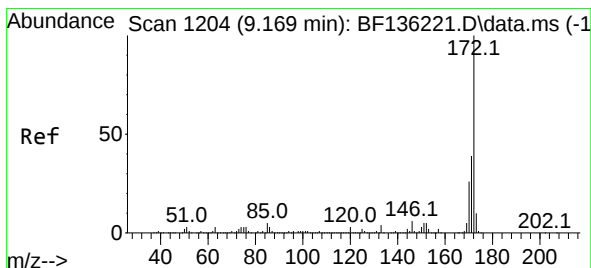
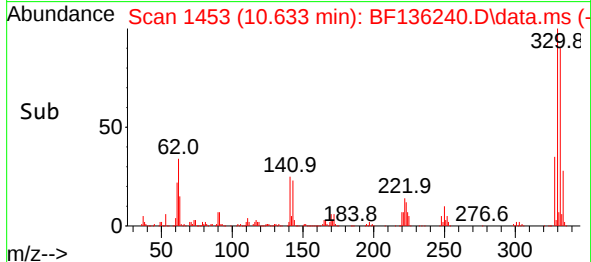
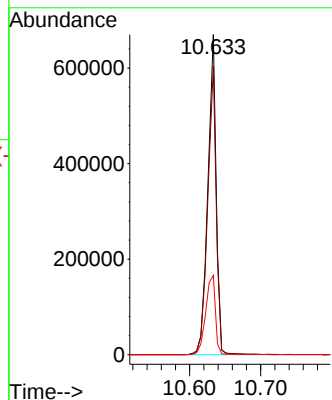
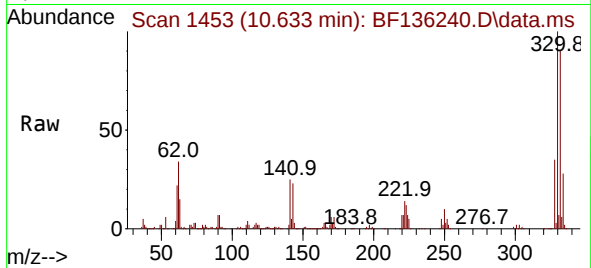




#42
2,4,6-Tribromophenol
Concen: 140.704 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

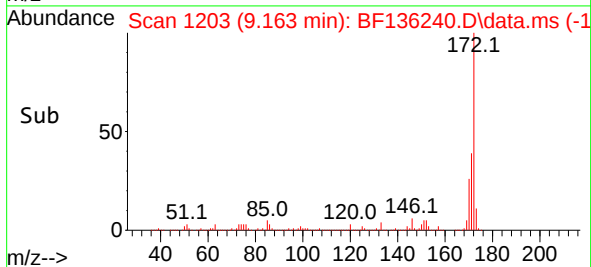
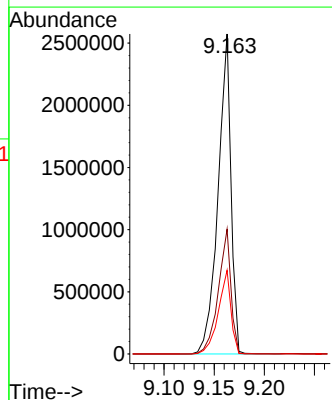
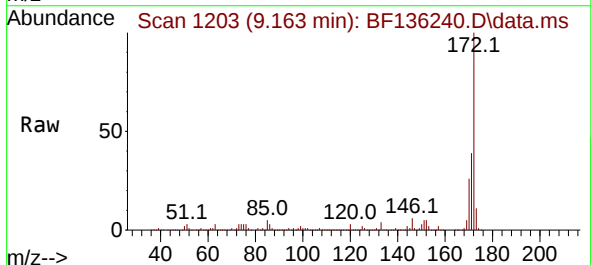
Instrument :
BNA_F
ClientSampleId :
PB157023BL

Tgt Ion:330 Resp: 553918
Ion Ratio Lower Upper
330 100
332 91.7 73.0 109.6
141 28.7 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 91.290 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:172 Resp: 2301383
Ion Ratio Lower Upper
172 100
171 39.0 31.5 47.3
170 26.1 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

Instrument :

BNA_F

ClientSampleId :

PB157023BL

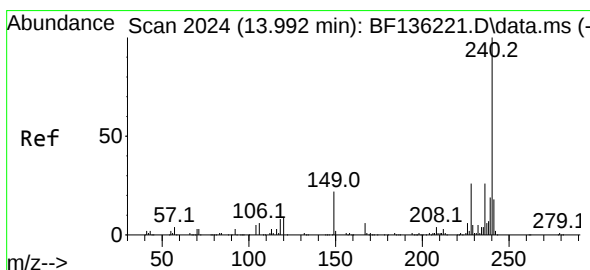
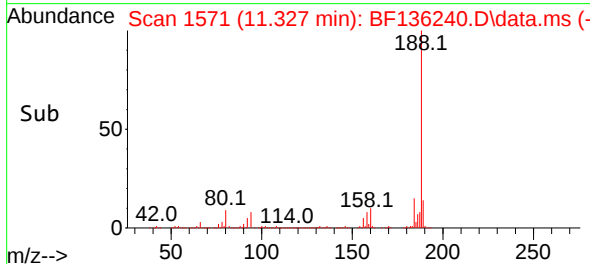
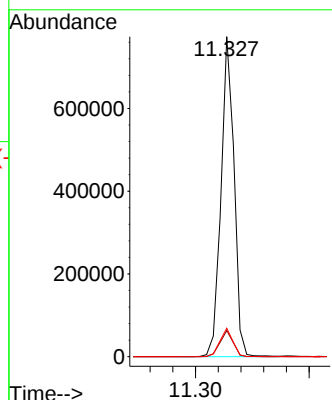
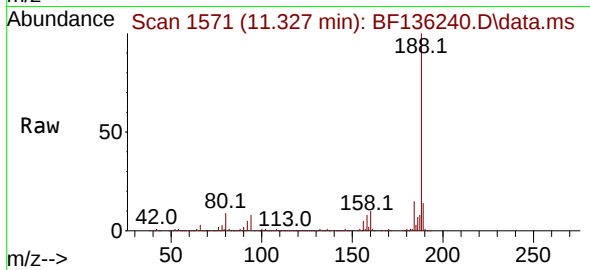
Tgt Ion:188 Resp: 619412

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

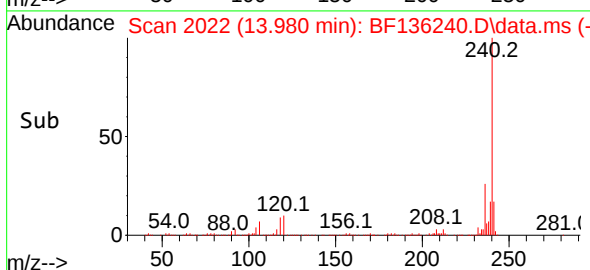
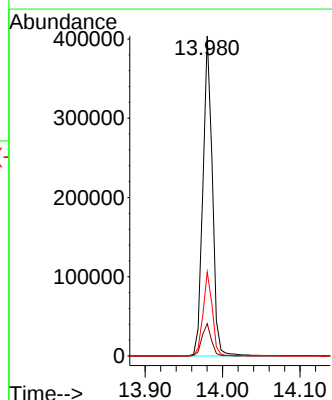
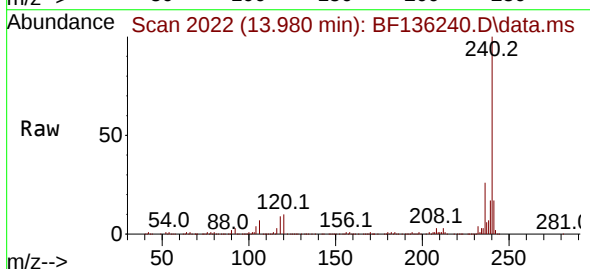
Tgt Ion:240 Resp: 341789

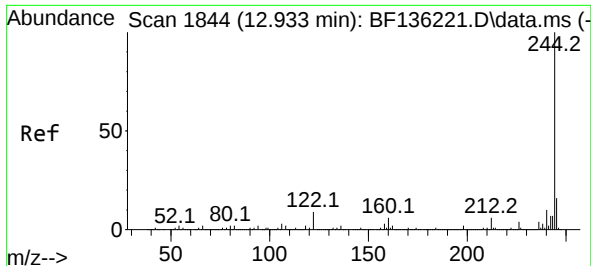
Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.2

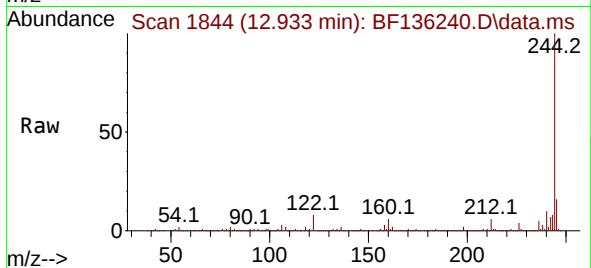
236 26.3 21.1 31.7



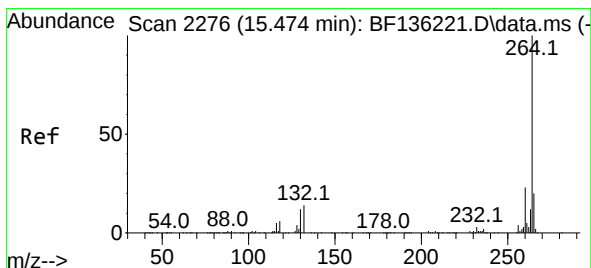
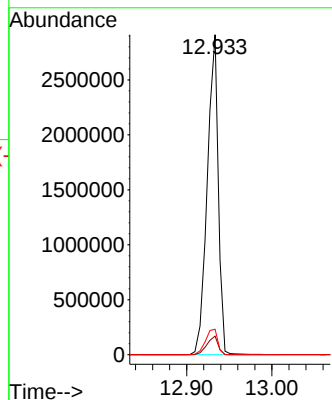
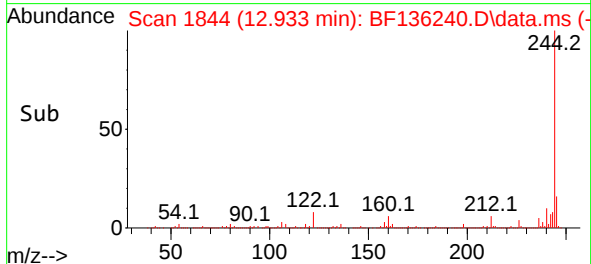


#79
 Terphenyl-d14
 Concen: 88.139 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136240.D
 Acq: 28 Nov 2023 10:19

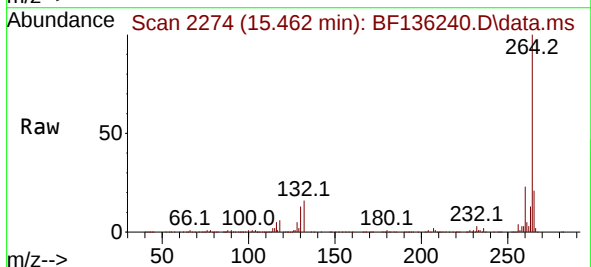
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BL



Tgt Ion:244 Resp: 2611644
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.0 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136240.D
 Acq: 28 Nov 2023 10:19



Tgt Ion:264 Resp: 245611
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.6 15.7 23.5

