

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140223.D
Acq On : 04 Nov 2024 17:23
Operator : RC/JU
Sample : PB164401BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164401BL

Quant Time: Nov 04 23:59:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	235284	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	911371	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	549583	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1046977	20.000	ng	0.00
76) Chrysene-d12	14.051	240	712917	20.000	ng	0.00
86) Perylene-d12	15.545	264	558844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1782737	128.389	ng	0.02
7) Phenol-d6	6.504	99	2227529	125.024	ng	0.00
23) Nitrobenzene-d5	7.434	82	1525103	84.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	850915	140.424	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	3036127	86.350	ng	0.00
79) Terphenyl-d14	12.998	244	3996403	89.438	ng	0.00

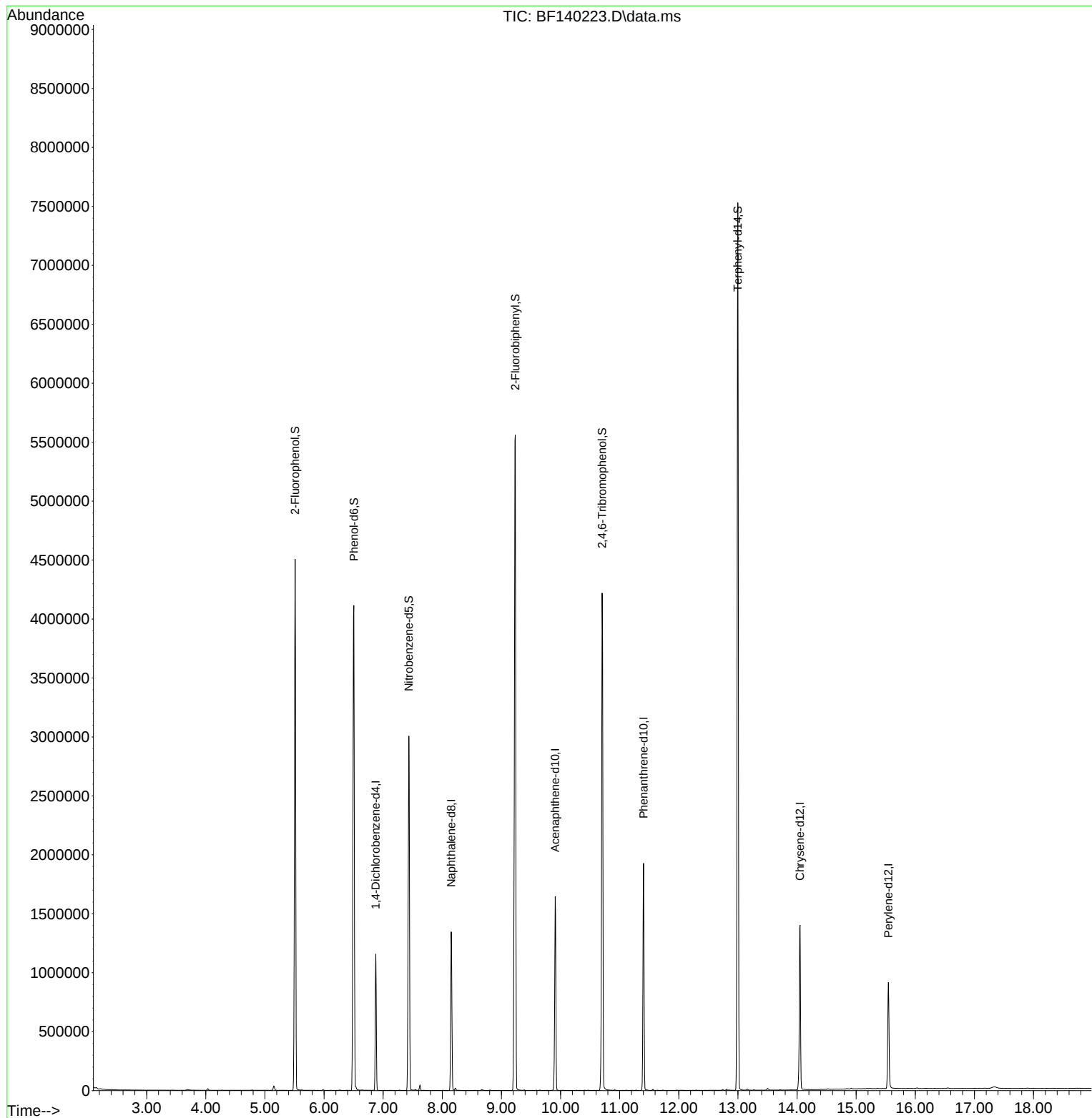
Target Compounds	Qvalue

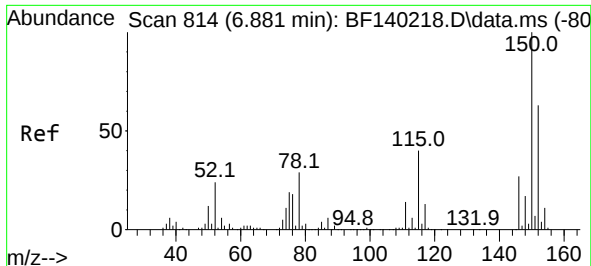
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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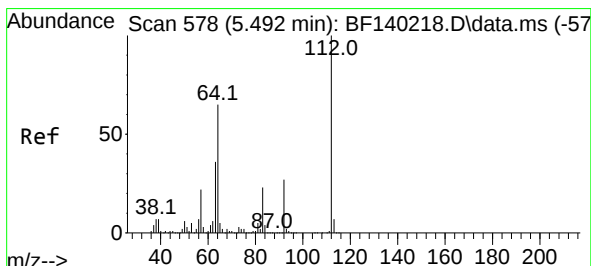
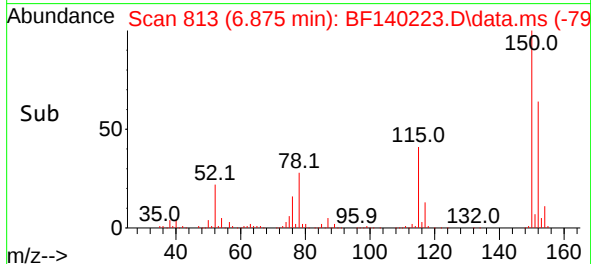
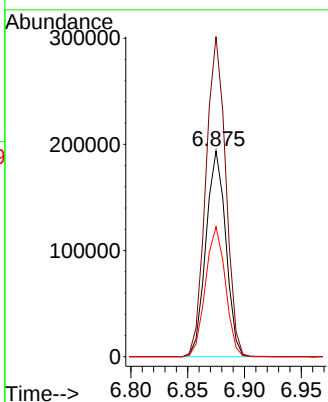
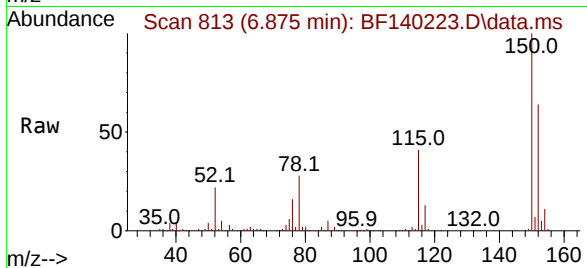




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

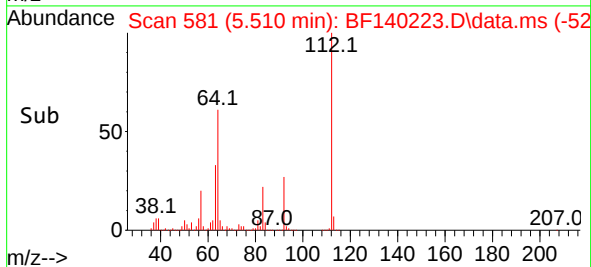
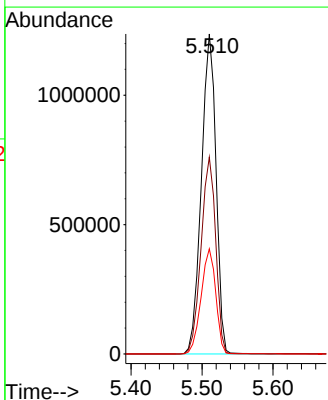
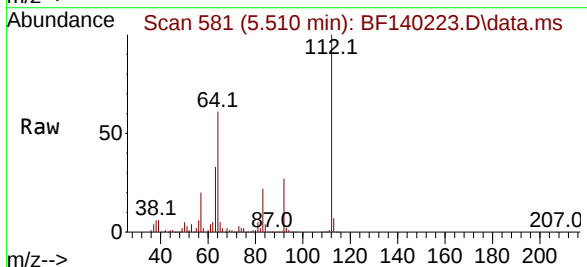
Instrument :
BNA_F
ClientSampleId :
PB164401BL

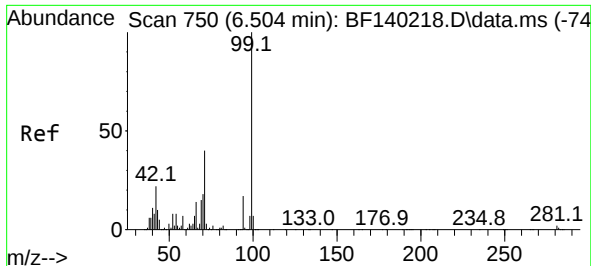
Tgt Ion:152 Resp: 235284
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.8
115 63.1 50.7 76.1



#5
2-Fluorophenol
Concen: 128.389 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:112 Resp: 1782737
Ion Ratio Lower Upper
112 100
64 61.5 51.8 77.6
63 32.8 28.4 42.6



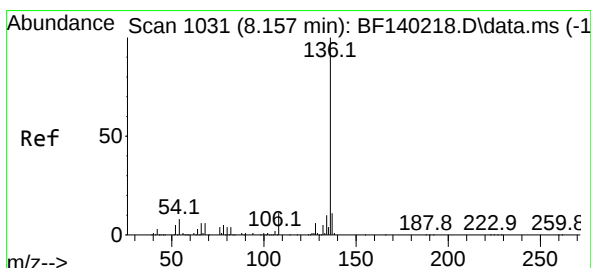
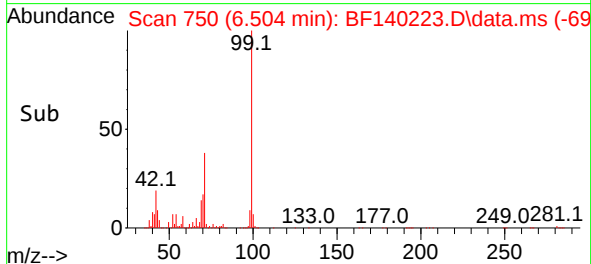
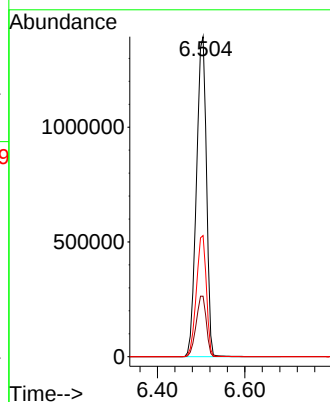
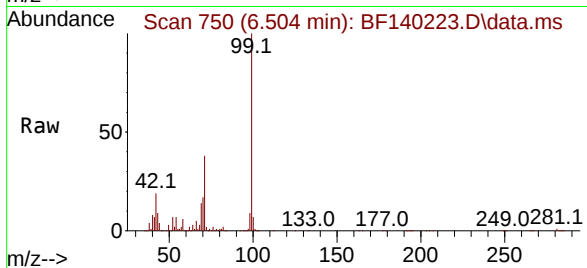


#7
Phenol-d6
Concen: 125.024 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Instrument :
BNA_F
ClientSampleId :
PB164401BL

Tgt Ion: 99 Resp: 2227529

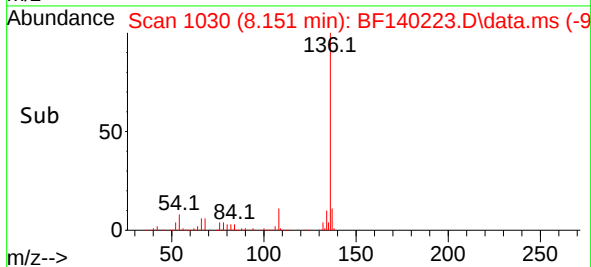
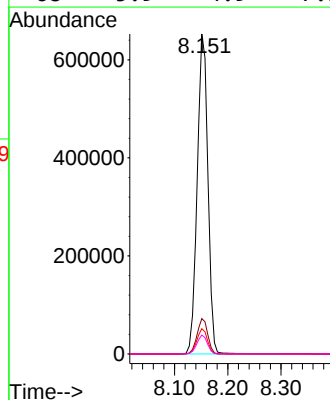
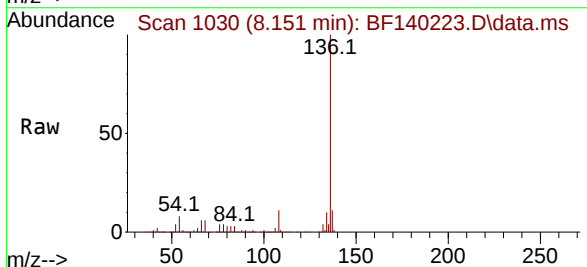
Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	37.8	32.0	48.0

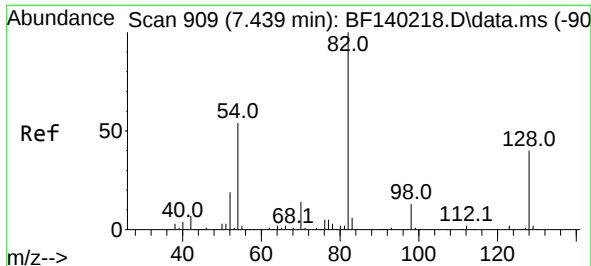


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion: 136 Resp: 911371

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.9	6.9	10.3
68	5.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 84.657 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

Instrument :

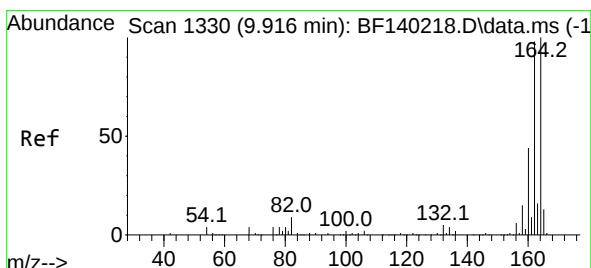
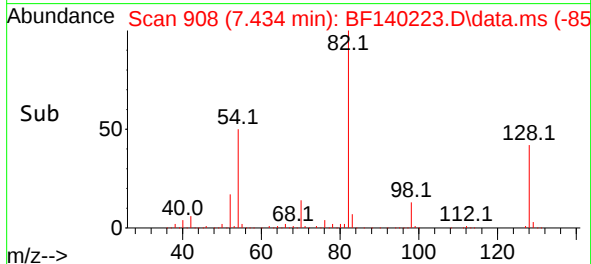
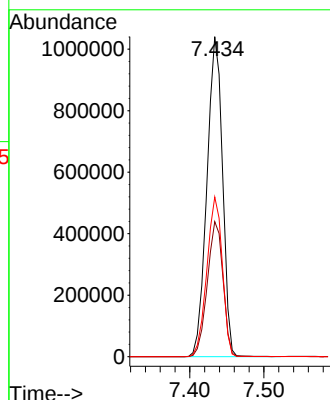
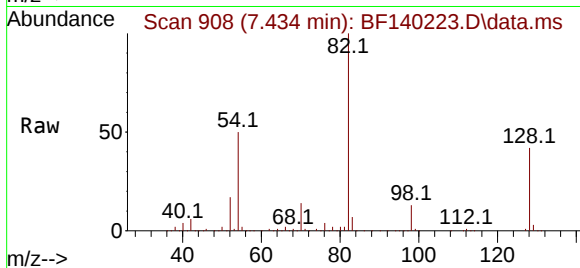
BNA_F

ClientSampleId :

PB164401BL

Tgt Ion: 82 Resp: 1525103

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.4	47.2
54	49.9	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

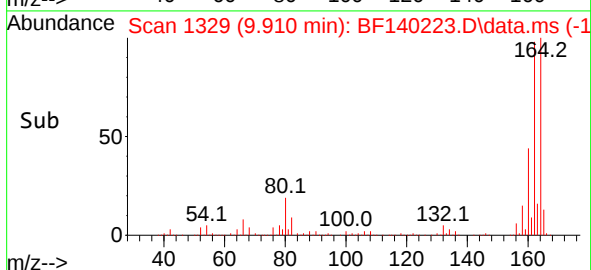
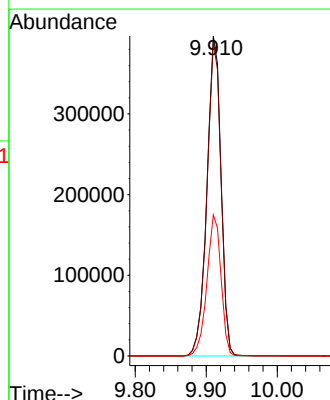
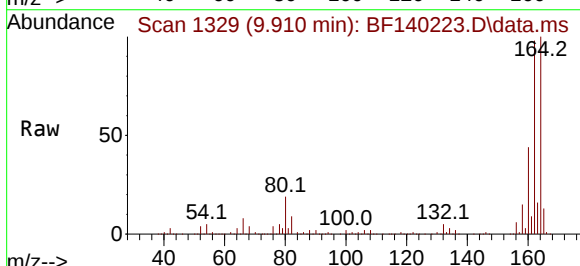
Delta R.T. -0.006 min

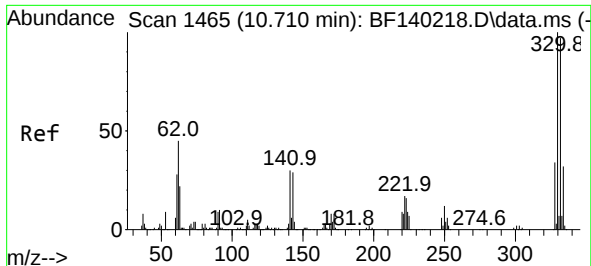
Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

Tgt Ion:164 Resp: 549583

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.5	117.7
160	44.1	35.3	52.9

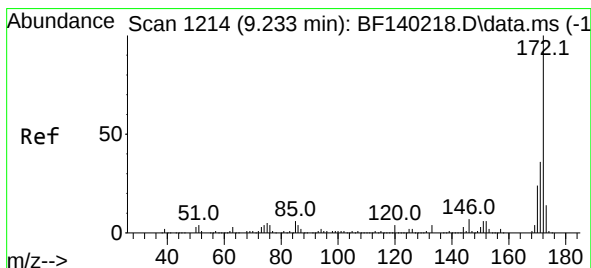
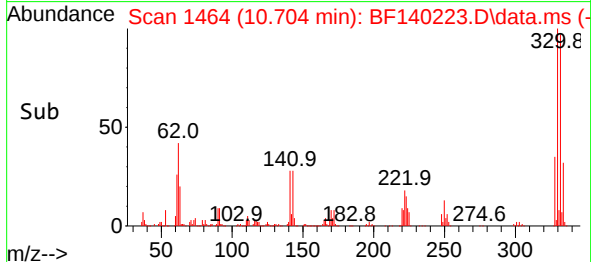
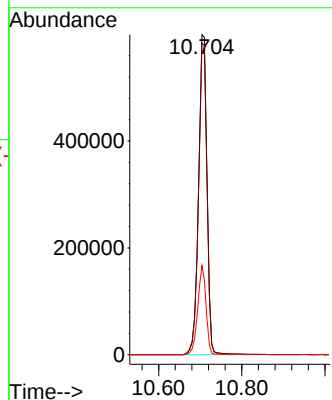
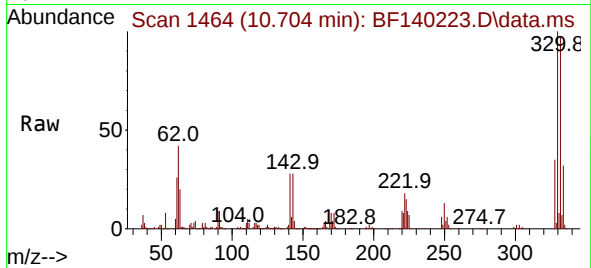




#42
2,4,6-Tribromophenol
Concen: 140.424 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

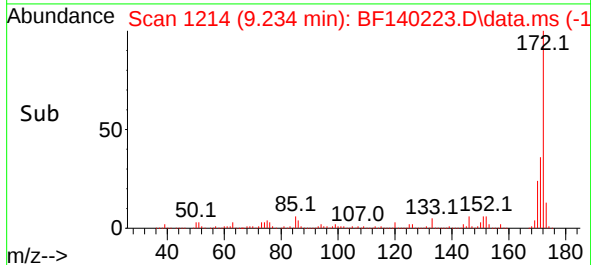
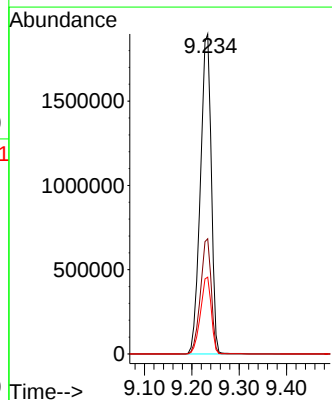
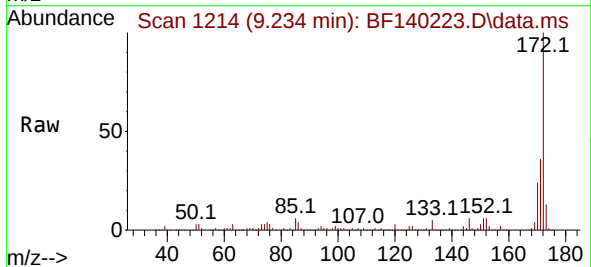
Instrument :
BNA_F
ClientSampleId :
PB164401BL

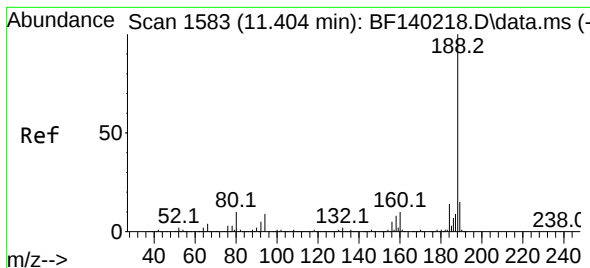
Tgt Ion:330 Resp: 850915
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 27.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.350 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140223.D
Acq: 04 Nov 2024 17:23

Tgt Ion:172 Resp: 3036127
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.0 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

Instrument :

BNA_F

ClientSampleId :

PB164401BL

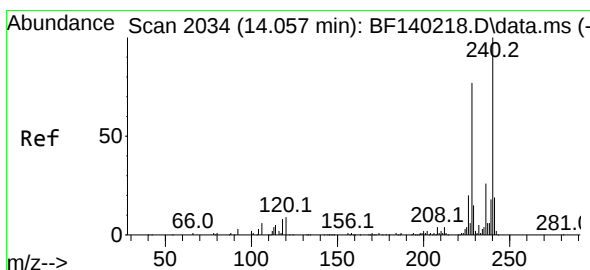
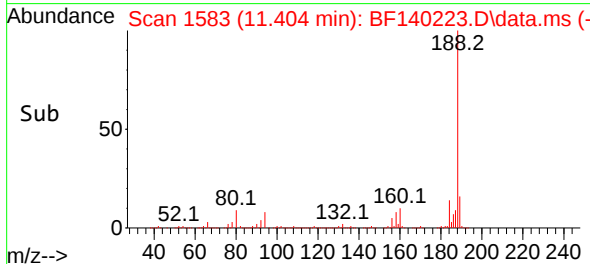
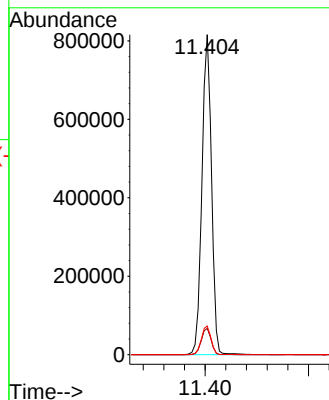
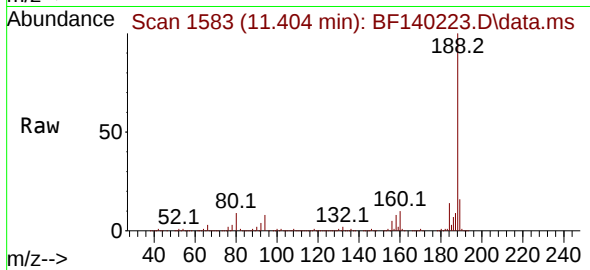
Tgt Ion:188 Resp: 1046977

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140223.D

Acq: 04 Nov 2024 17:23

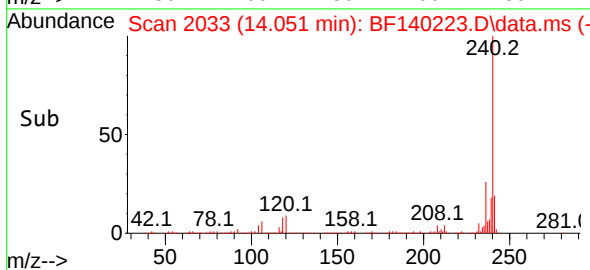
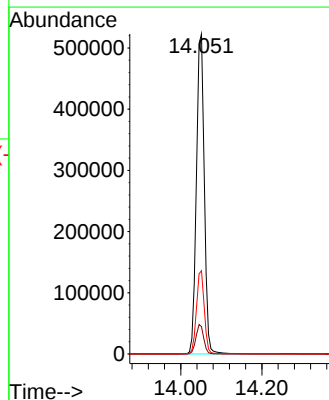
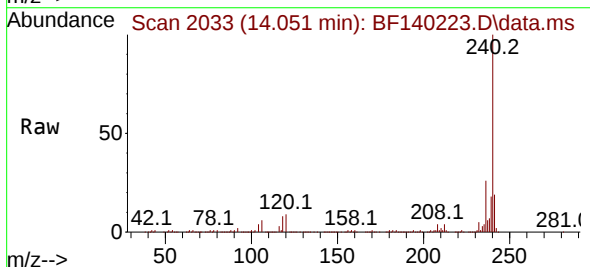
Tgt Ion:240 Resp: 712917

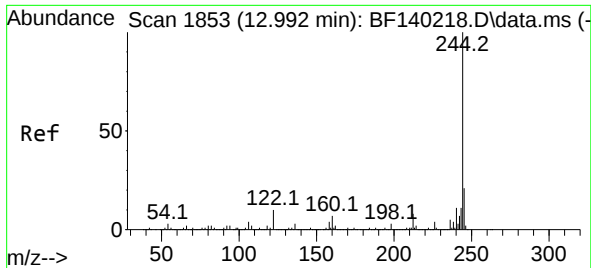
Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.4

236 26.0 20.6 30.8

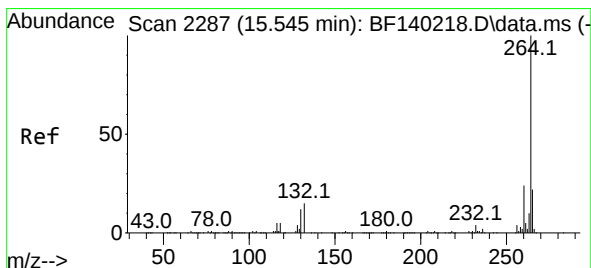
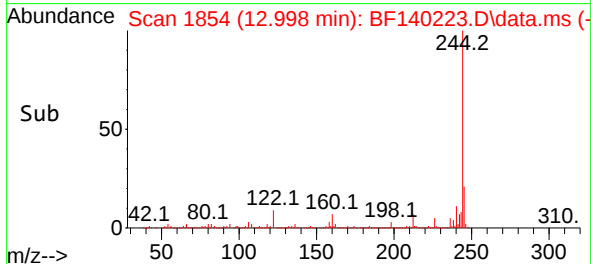
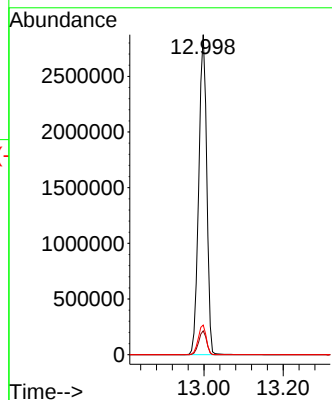
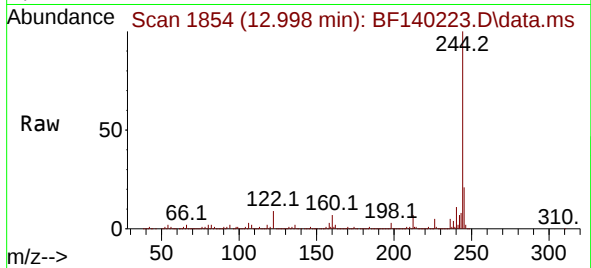




#79
 Terphenyl-d14
 Concen: 89.438 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140223.D
 Acq: 04 Nov 2024 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Tgt Ion:244 Resp: 3996403
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: BF140223.D
 Acq: 04 Nov 2024 17:23

Tgt Ion:264 Resp: 558844
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.8 17.5 26.3

