

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140287.D
 Acq On : 08 Nov 2024 10:02
 Operator : RC/JU
 Sample : PB164765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164765BL

Quant Time: Nov 08 10:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	180593	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	699300	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	441390	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	869591	20.000	ng	0.00
76) Chrysene-d12	14.051	240	647570	20.000	ng	-0.01
86) Perylene-d12	15.545	264	498484	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1616773	148.363	ng	0.02
7) Phenol-d6	6.504	99	2039973	145.538	ng	0.00
23) Nitrobenzene-d5	7.439	82	1418224	100.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	801045	183.603	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2607755	94.340	ng	0.00
79) Terphenyl-d14	13.004	244	3810856	96.402	ng	0.00

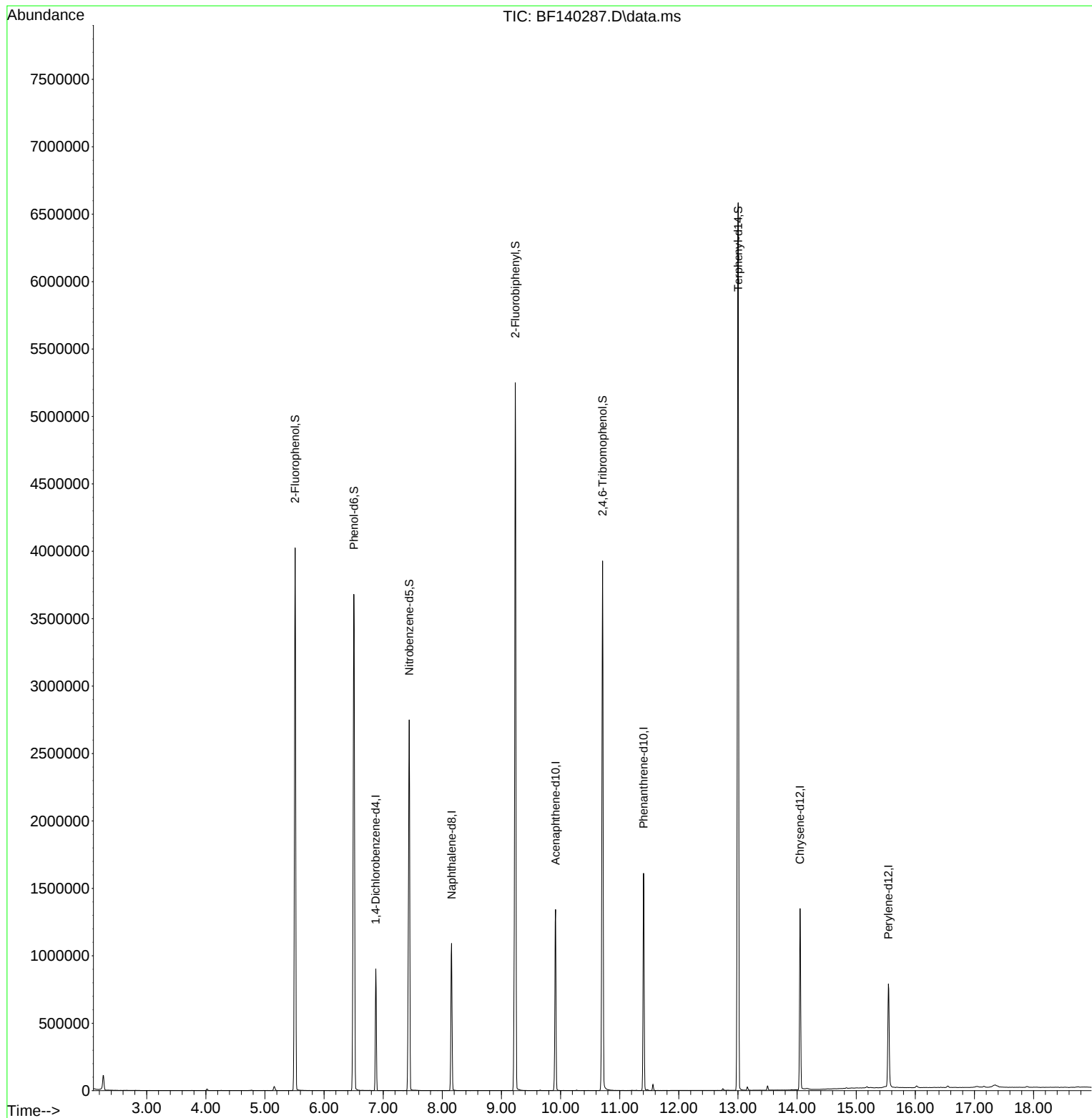
Target Compounds	Qvalue

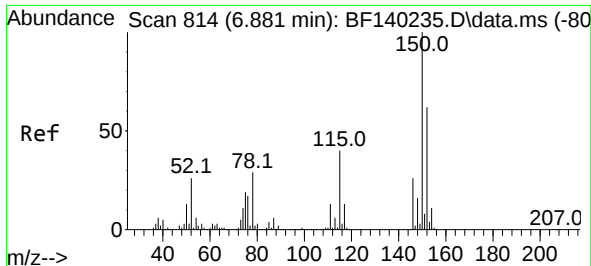
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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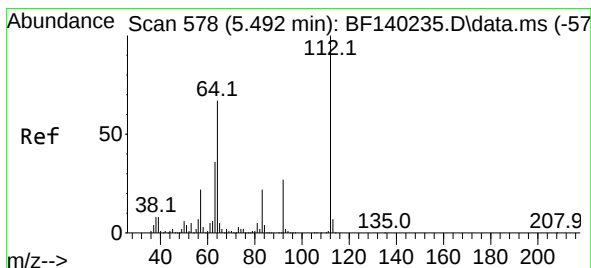
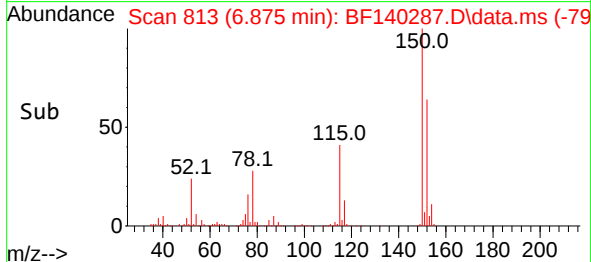
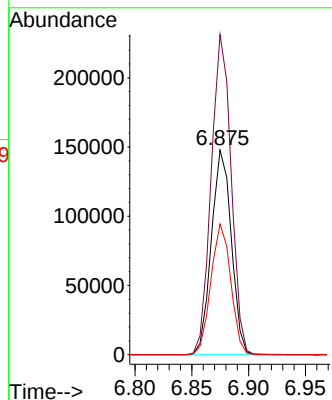
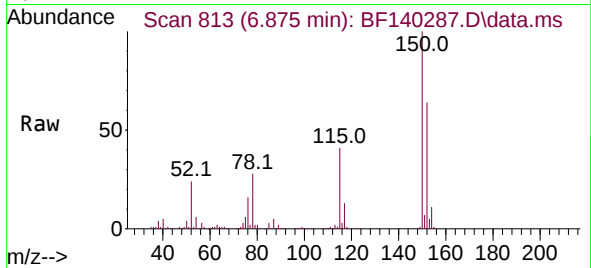




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

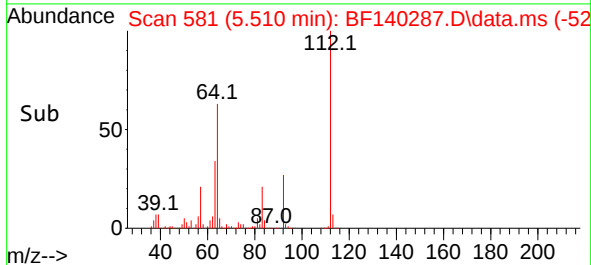
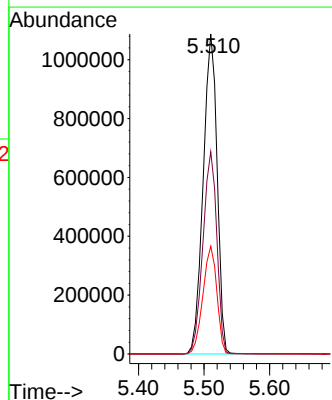
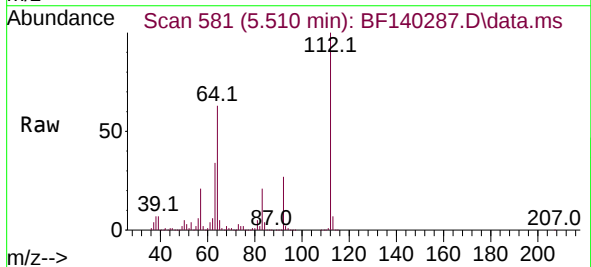
Instrument :
BNA_F
ClientSampleId :
PB164765BL

Tgt Ion:152 Resp: 180593
Ion Ratio Lower Upper
152 100
150 156.4 129.4 194.2
115 63.9 51.5 77.3



#5
2-Fluorophenol
Concen: 148.363 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion:112 Resp: 1616773
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 33.7 28.9 43.3

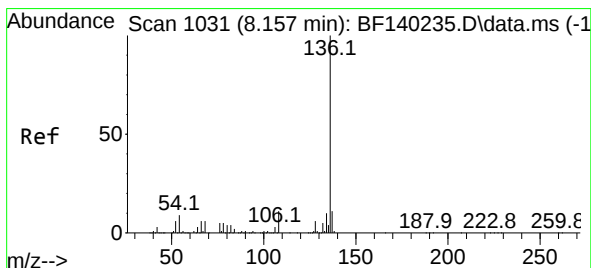
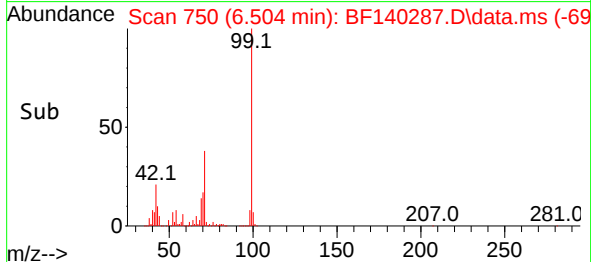
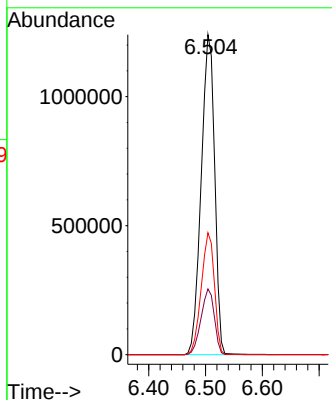
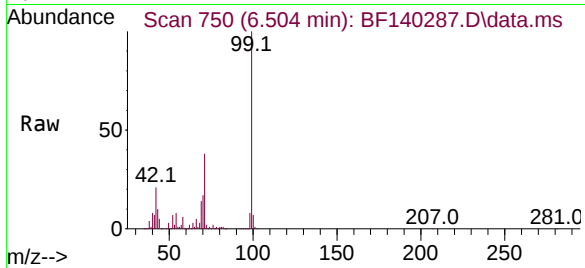




#7
Phenol-d6
Concen: 145.538 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

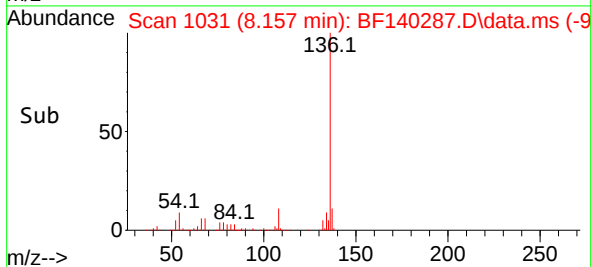
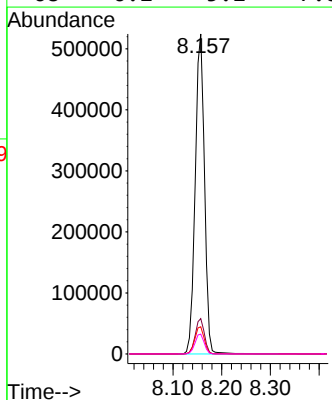
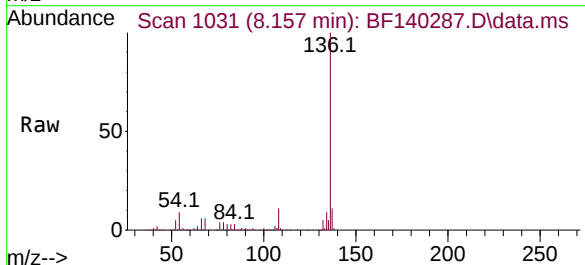
Instrument :
BNA_F
ClientSampleId :
PB164765BL

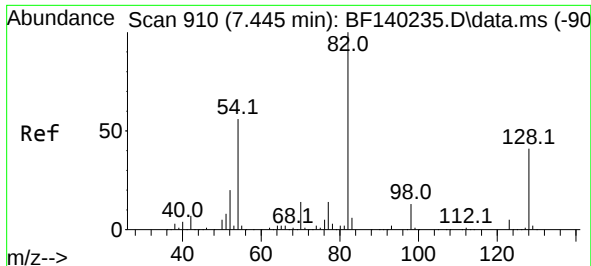
Tgt Ion: 99 Resp: 2039973
Ion Ratio Lower Upper
99 100
42 20.5 18.2 27.2
71 38.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion:136 Resp: 699300
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.5 7.7 11.5
68 6.2 5.2 7.8



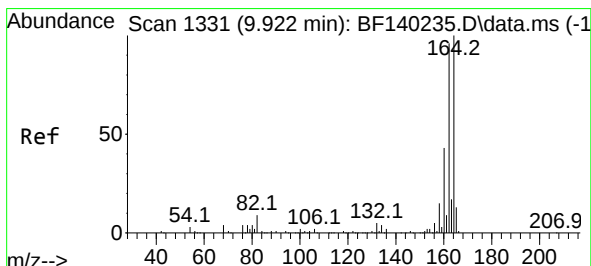
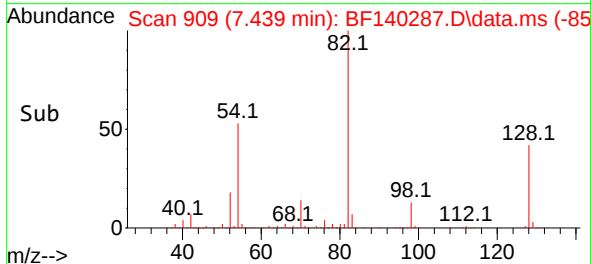
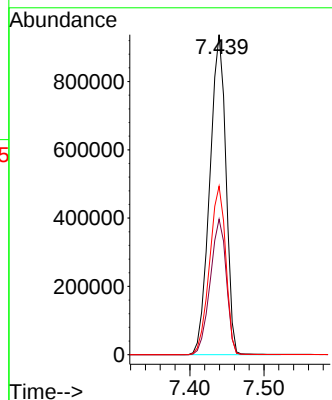
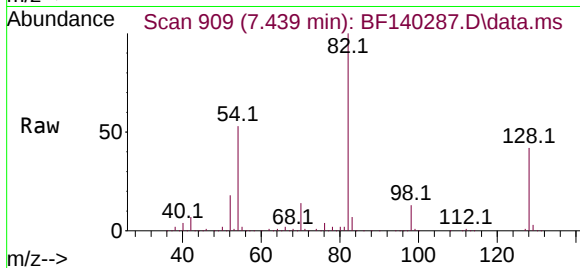


#23
 Nitrobenzene-d5
 Concen: 100.832 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140287.D
 Acq: 08 Nov 2024 10:02

Instrument :
 BNA_F
 ClientSampleId :
 PB164765BL

Tgt Ion: 82 Resp: 1418224

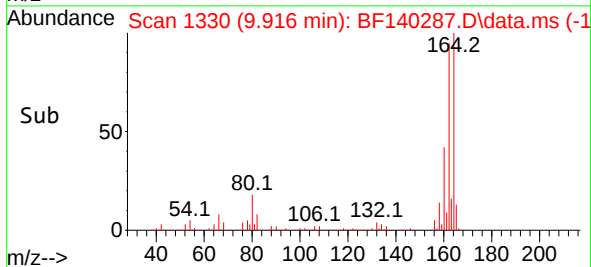
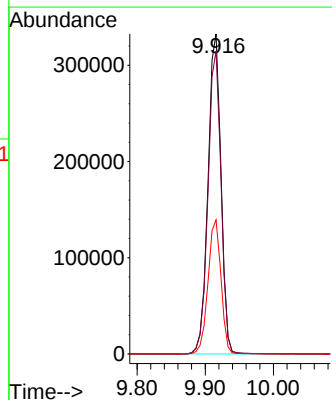
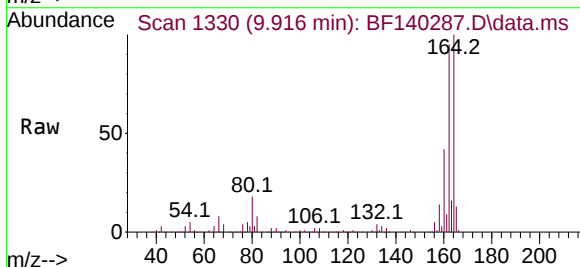
Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.8	49.2
54	52.6	44.3	66.5

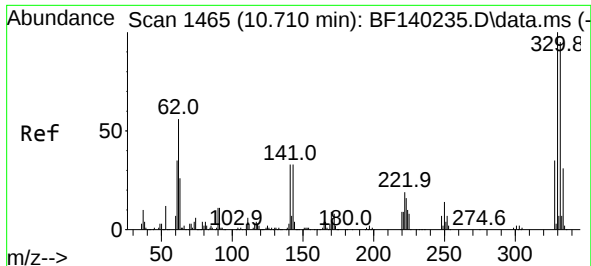


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF140287.D
 Acq: 08 Nov 2024 10:02

Tgt Ion:164 Resp: 441390

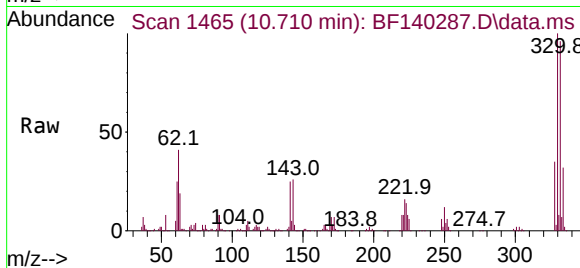
Ion	Ratio	Lower	Upper
164	100		
162	94.6	77.0	115.4
160	41.9	34.1	51.1



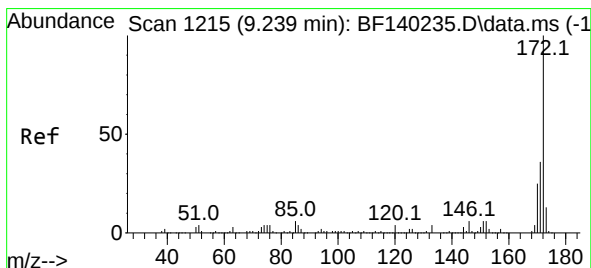
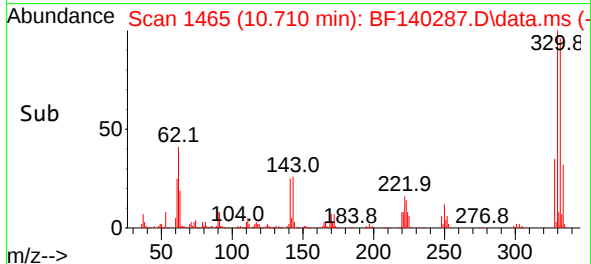
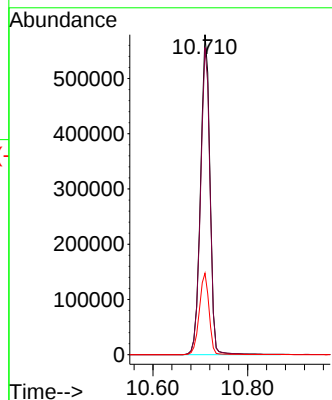


#42
2,4,6-Tribromophenol
Concen: 183.603 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164765BL

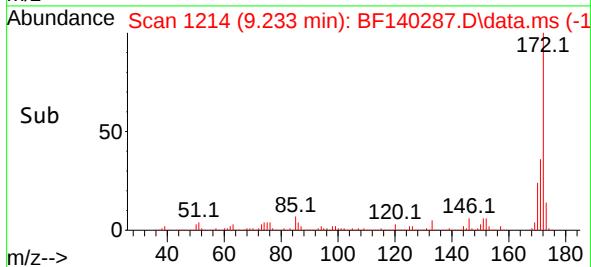
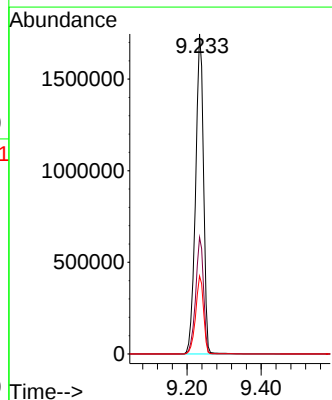
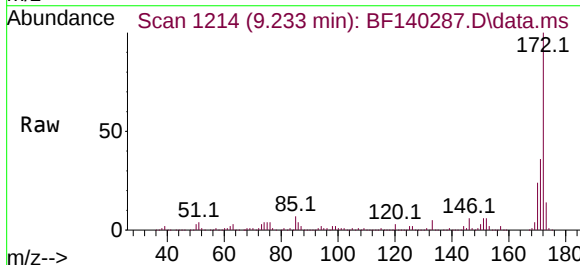


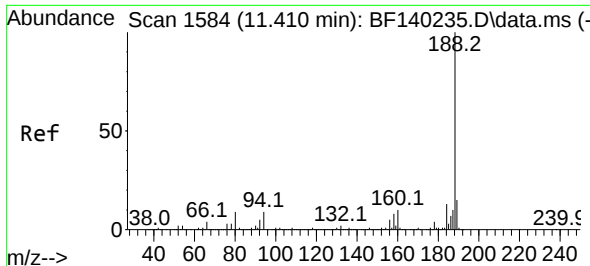
Tgt Ion:330 Resp: 801045
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 26.4 27.0 40.4#



#45
2-Fluorobiphenyl
Concen: 94.340 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion:172 Resp: 2607755
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.4 19.6 29.4

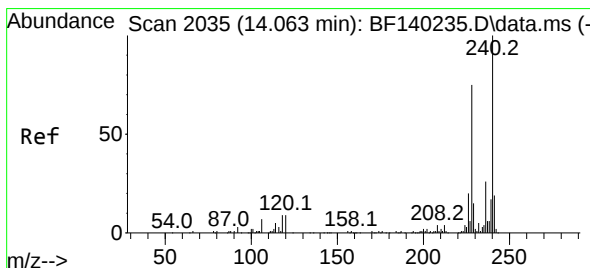
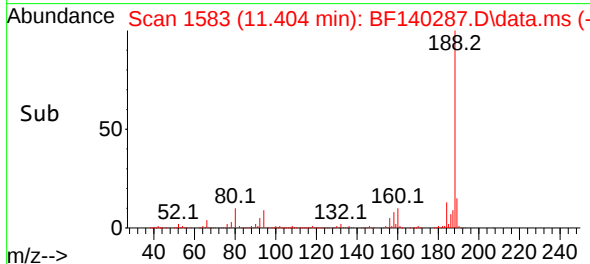
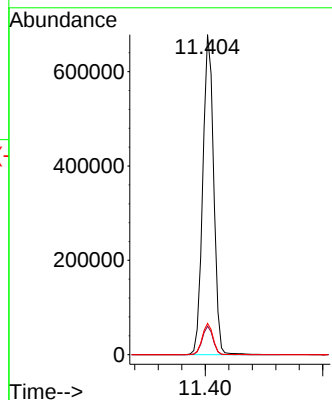
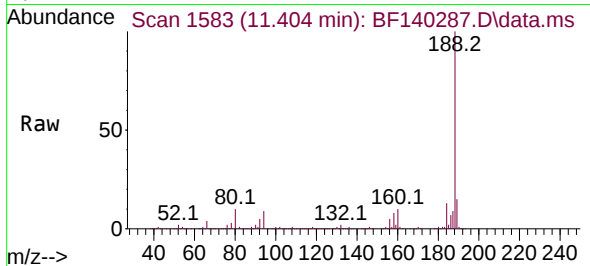




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

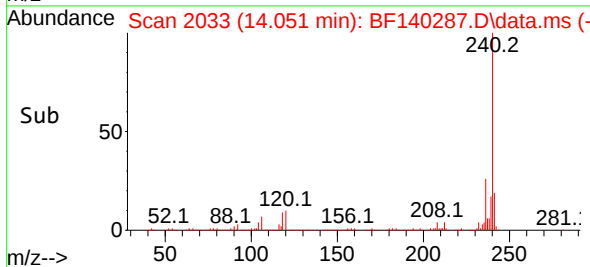
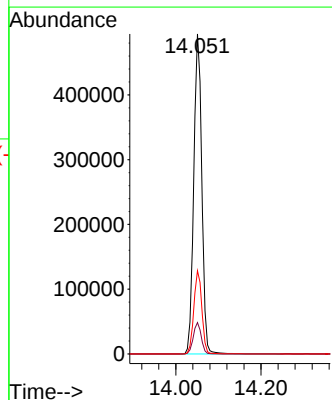
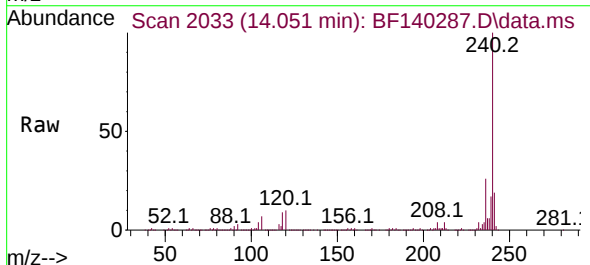
Instrument :
BNA_F
ClientSampleId :
PB164765BL

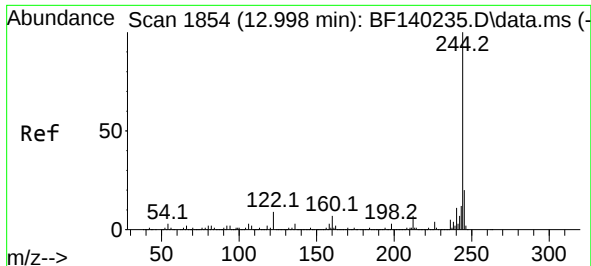
Tgt Ion:188 Resp: 869591
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion:240 Resp: 647570
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 26.0 20.9 31.3

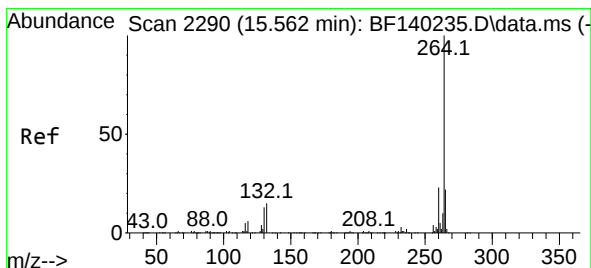
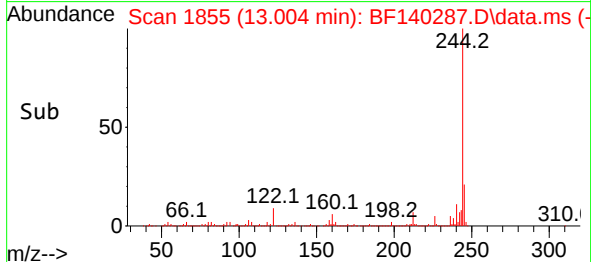
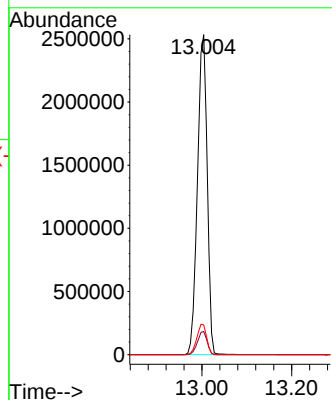
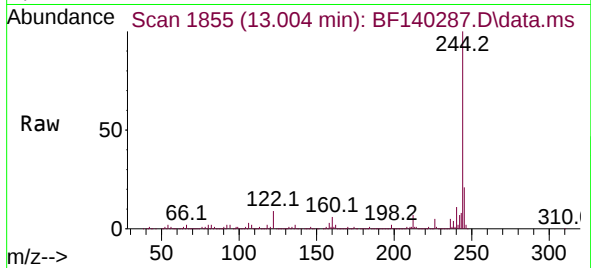




#79
 Terphenyl-d14
 Concen: 96.402 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140287.D
 Acq: 08 Nov 2024 10:02

Instrument :
 BNA_F
 ClientSampleId :
 PB164765BL

Tgt Ion:244 Resp: 3810856
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.3 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.018 min
 Lab File: BF140287.D
 Acq: 08 Nov 2024 10:02

Tgt Ion:264 Resp: 498484
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.3 25.9

