

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140271.D
 Acq On : 07 Nov 2024 13:33
 Operator : RC/JU
 Sample : P4718-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SB02

Quant Time: Nov 07 14:06:46 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)

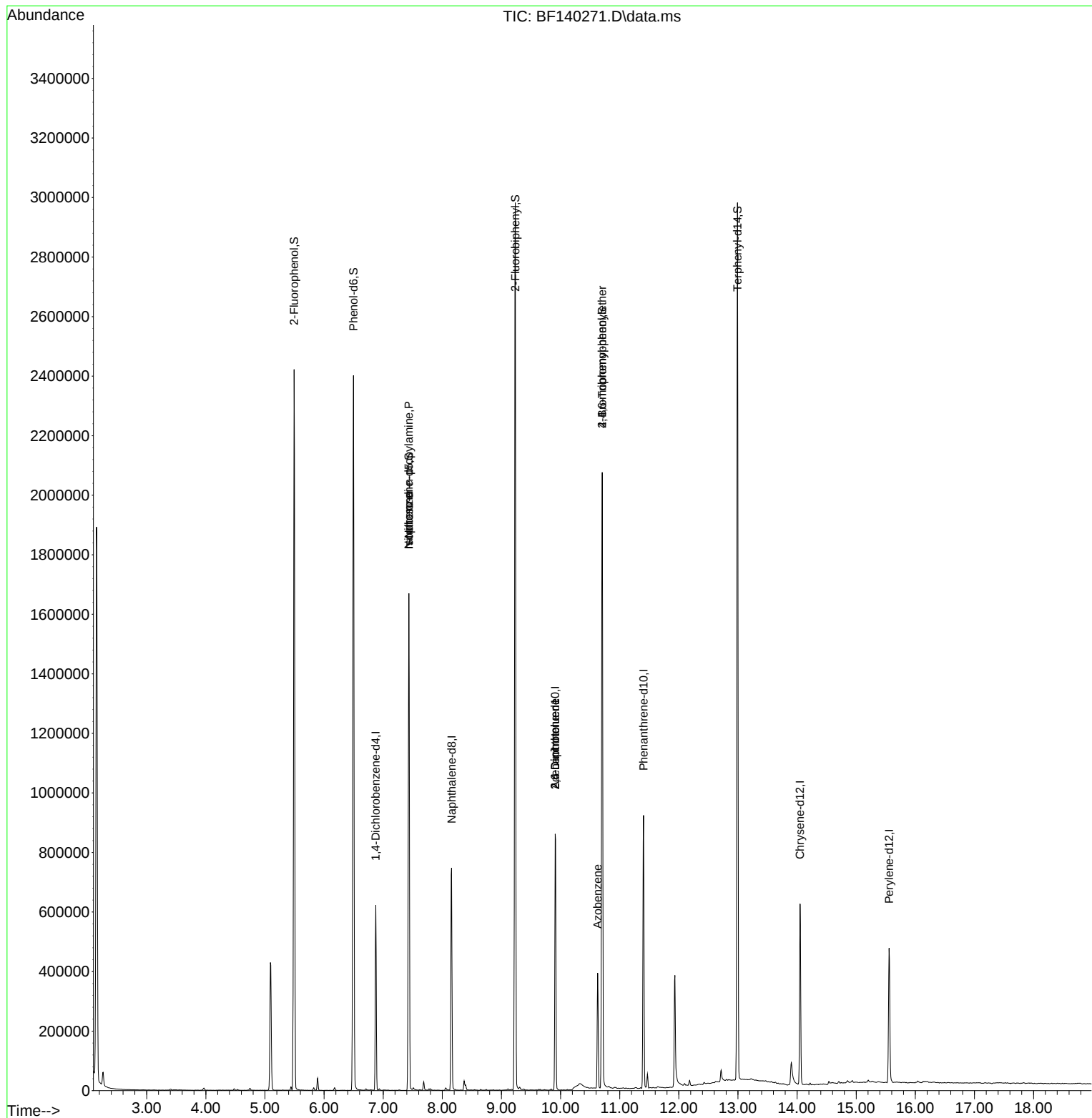
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123660	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	467420	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	268928	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	499705	20.000	ng	0.00
76) Chrysene-d12	14.051	240	296704	20.000	ng	-0.01
86) Perylene-d12	15.557	264	275946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	888696	119.097	ng	0.00
7) Phenol-d6	6.498	99	1140564	118.835	ng	0.00
23) Nitrobenzene-d5	7.434	82	737853	78.484	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	355130	133.597	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1329473	78.940	ng	0.00
79) Terphenyl-d14	12.992	244	1475896	81.486	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	100919	16.482	ng	# 76
25) Isophorone	7.434	82	727754	44.957	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	35459	9.108	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	35459	7.019	ng	# 19
63) Azobenzene	10.628	77	96402	5.650	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	23242	4.319	ng	# 1

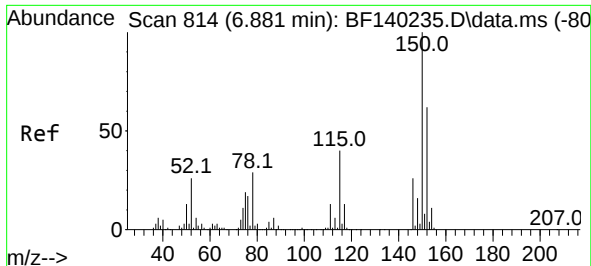
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140271.D
Acq On : 07 Nov 2024 13:33
Operator : RC/JU
Sample : P4718-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

Quant Time: Nov 07 14:06:46 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

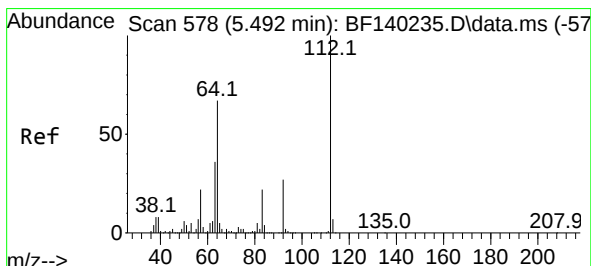
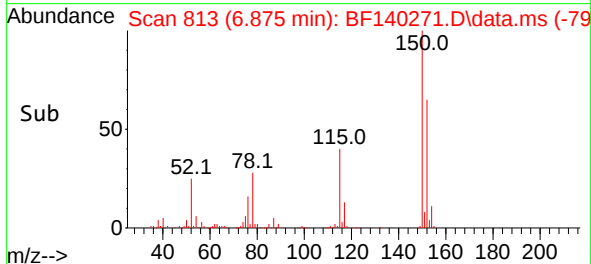
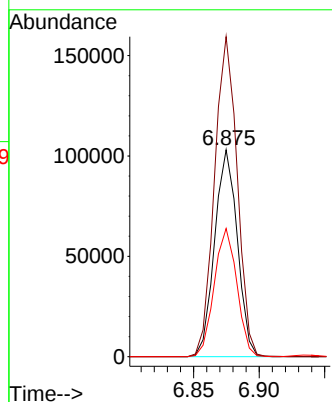
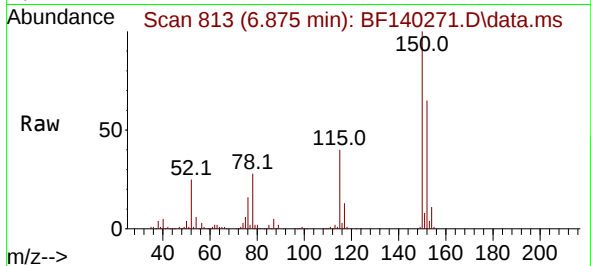




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

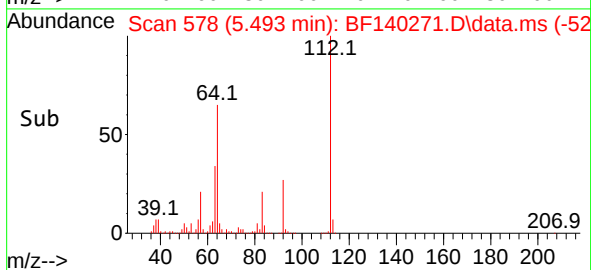
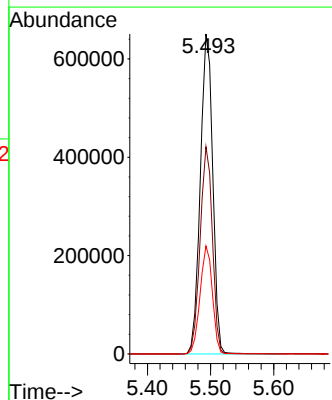
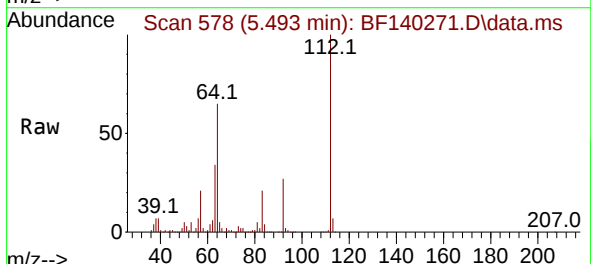
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

Tgt Ion:152 Resp: 123660
Ion Ratio Lower Upper
152 100
150 154.6 129.4 194.2
115 61.9 51.5 77.3



#5
2-Fluorophenol
Concen: 119.097 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

Tgt Ion:112 Resp: 888696
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 33.7 28.9 43.3

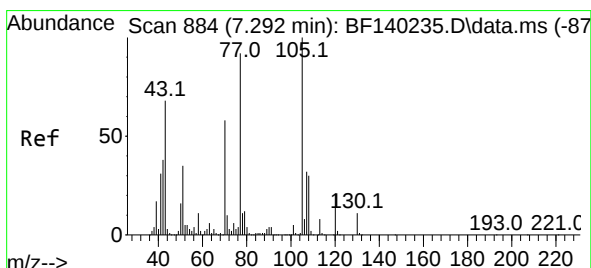
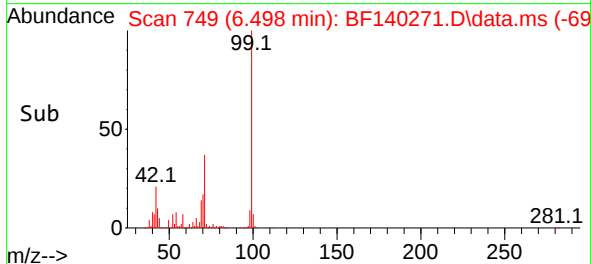
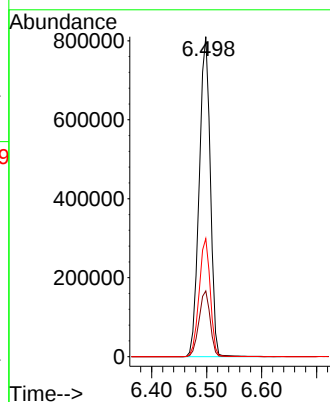
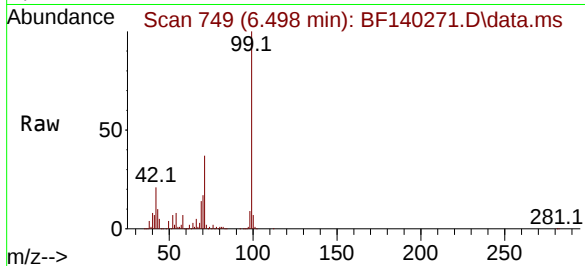




#7
Phenol-d6
Concen: 118.835 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

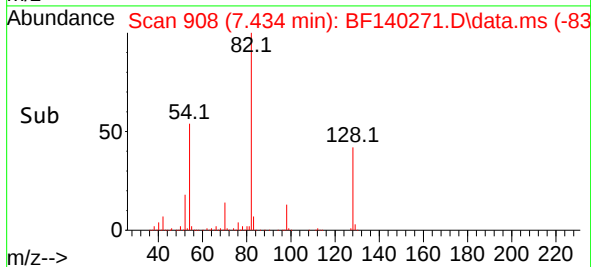
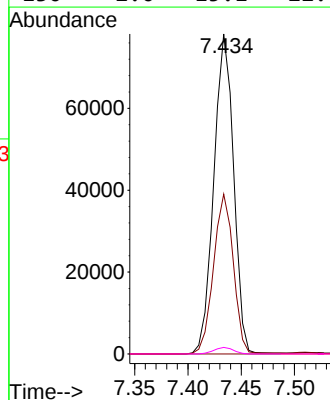
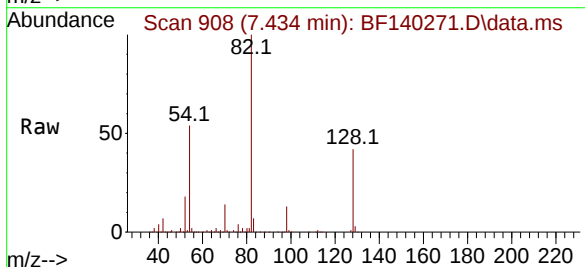
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

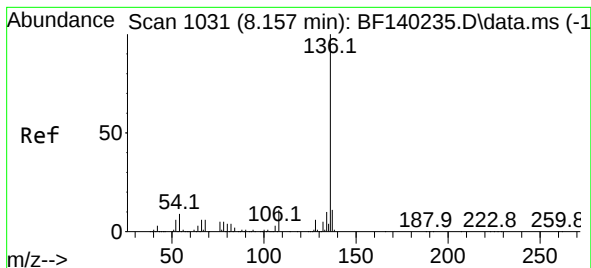
Tgt Ion: 99 Resp: 1140564
Ion Ratio Lower Upper
99 100
42 20.5 18.2 27.2
71 36.9 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.482 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 70 Resp: 100919
Ion Ratio Lower Upper
70 100
42 50.0 52.8 79.2#
101 0.0 7.4 11.2#
130 2.0 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140271.D

Acq: 07 Nov 2024 13:33

Instrument :

BNA_F

ClientSampleId :

WB-307-SB02

Tgt Ion:136 Resp: 467420

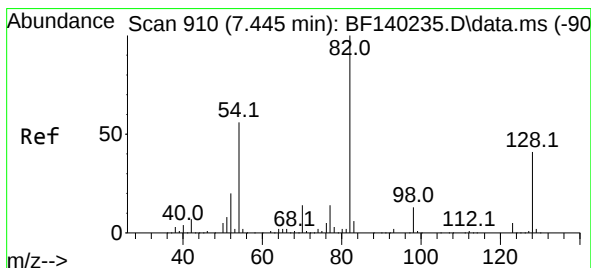
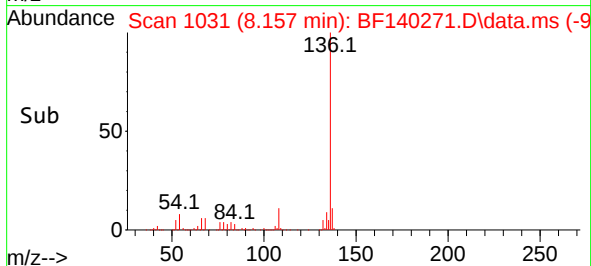
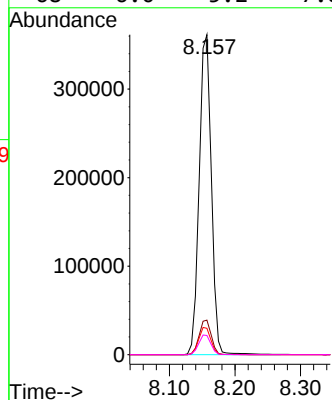
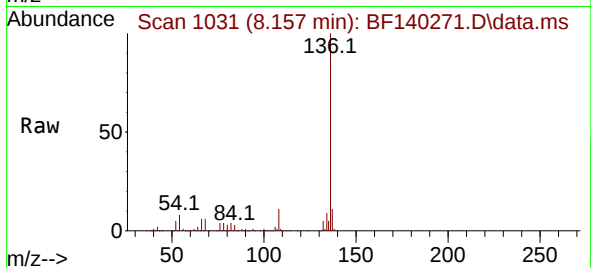
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.2 7.7 11.5

68 6.0 5.2 7.8



#23

Nitrobenzene-d5

Concen: 78.484 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140271.D

Acq: 07 Nov 2024 13:33

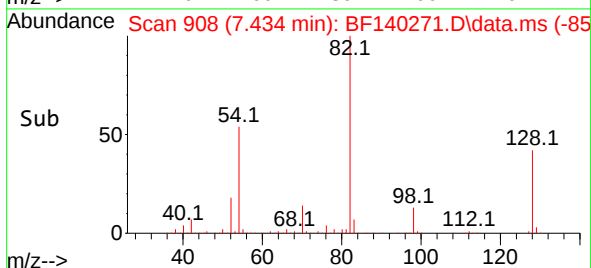
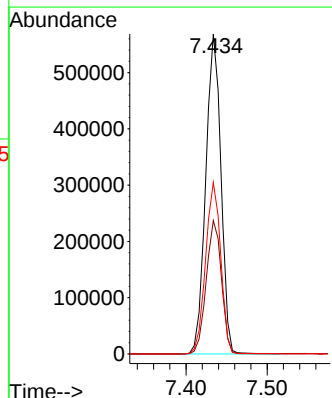
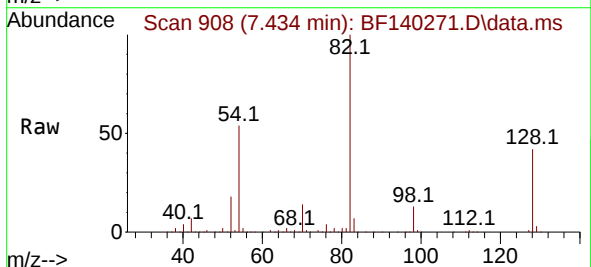
Tgt Ion: 82 Resp: 737853

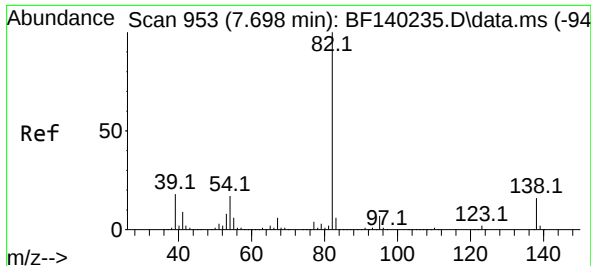
Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 53.6 44.3 66.5

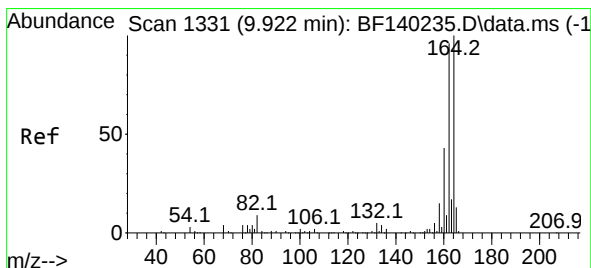
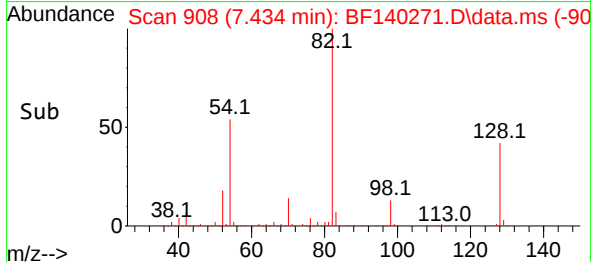
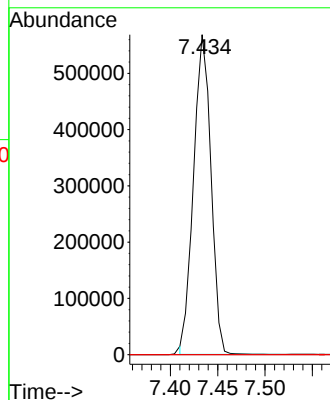
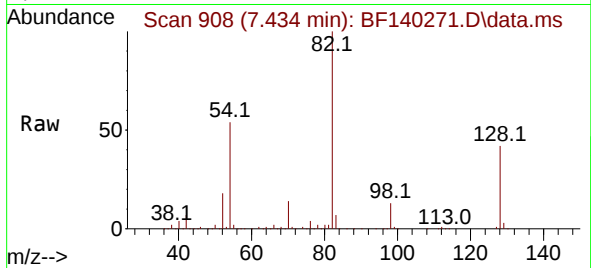




#25
Isophorone
Concen: 44.957 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

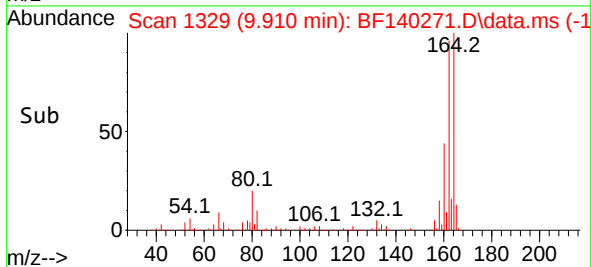
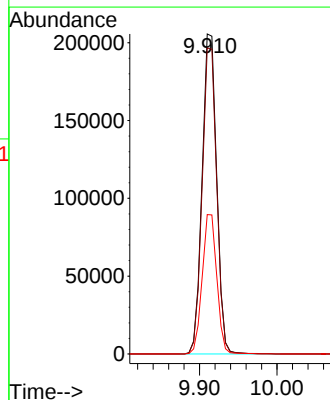
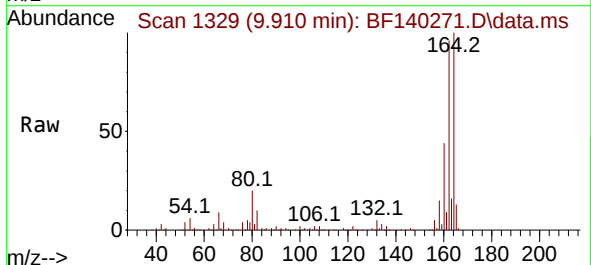
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

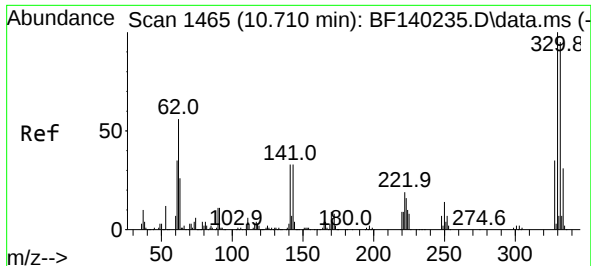
Tgt Ion: 82 Resp: 727754
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

Tgt Ion:164 Resp: 268928
Ion Ratio Lower Upper
164 100
162 95.6 77.0 115.4
160 43.6 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 133.597 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140271.D

Acq: 07 Nov 2024 13:33

Instrument :

BNA_F

ClientSampleId :

WB-307-SB02

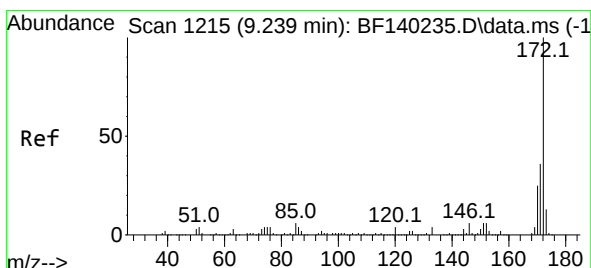
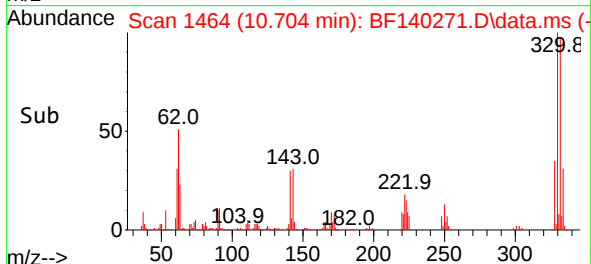
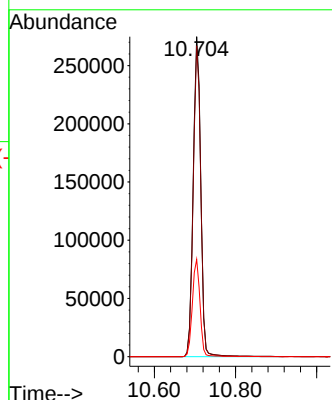
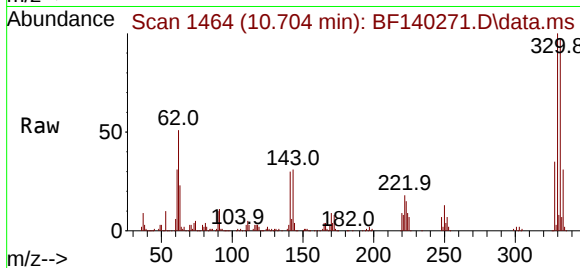
Tgt Ion:330 Resp: 355130

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 30.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.940 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140271.D

Acq: 07 Nov 2024 13:33

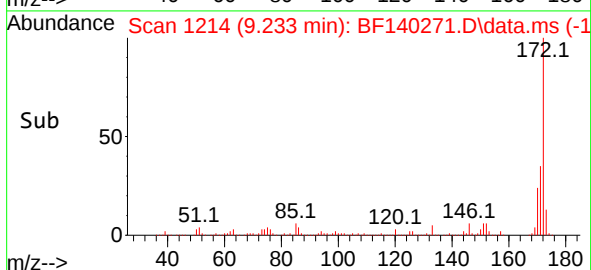
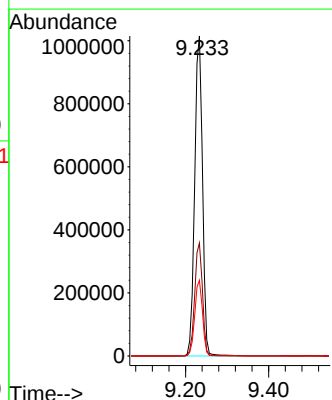
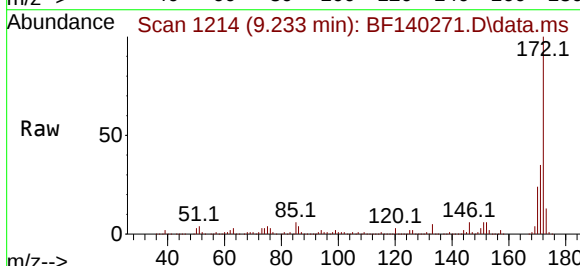
Tgt Ion:172 Resp: 1329473

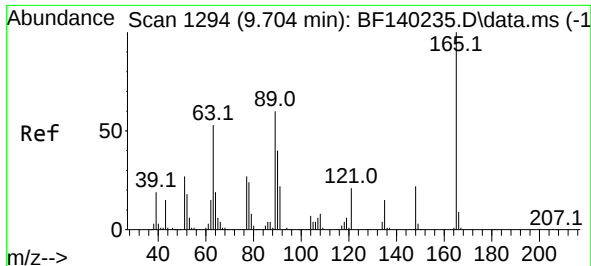
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.6 29.4

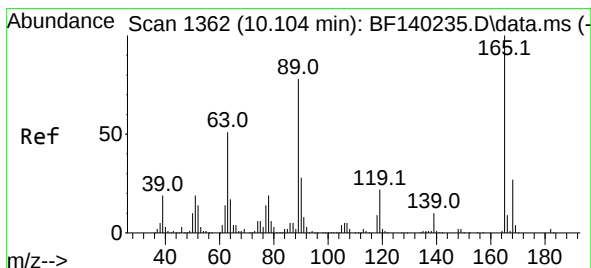
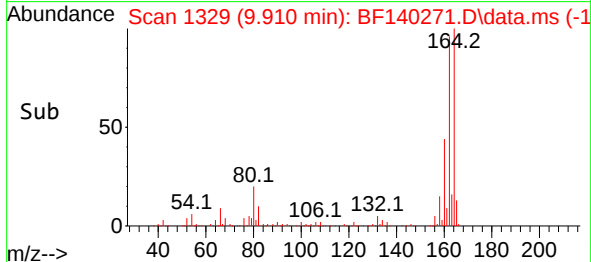
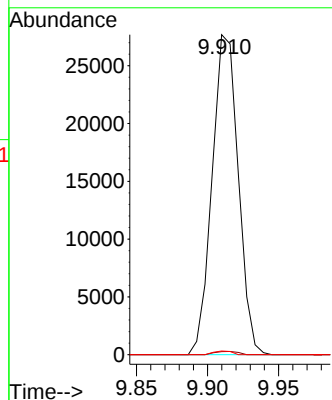
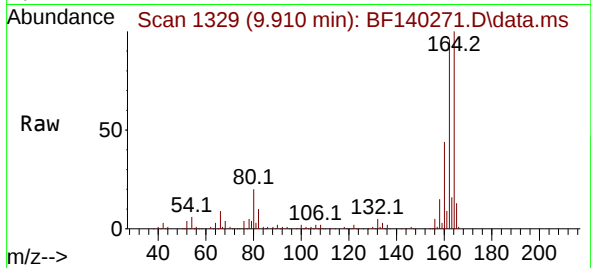




#51
2,6-Dinitrotoluene
Concen: 9.108 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

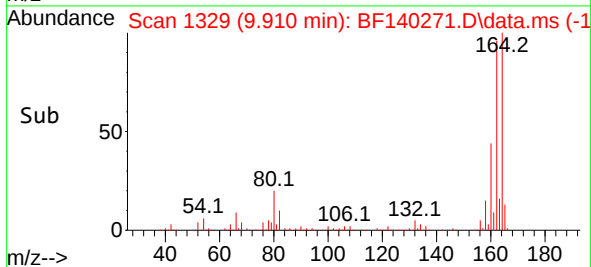
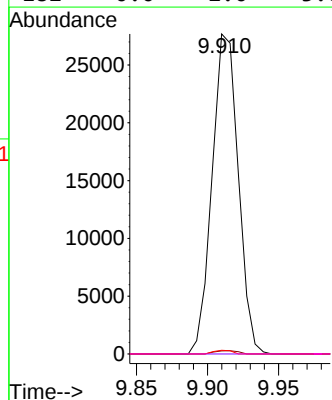
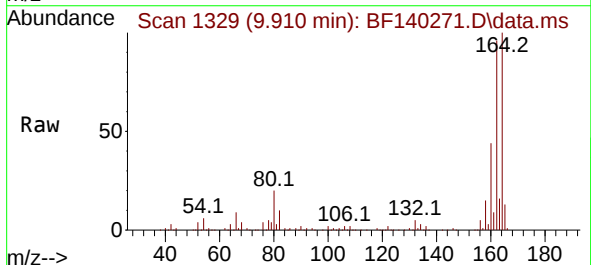
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

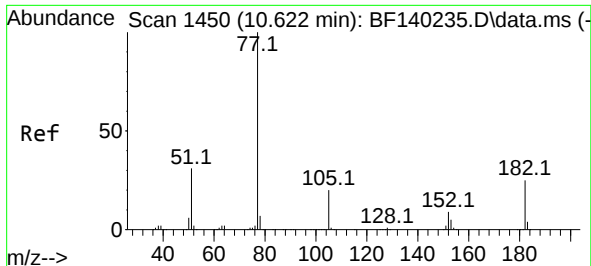
Tgt Ion:165 Resp: 35459
Ion Ratio Lower Upper
165 100
63 0.9 48.8 73.2#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 7.019 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

Tgt Ion:165 Resp: 35459
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.1 62.6 94.0#
182 0.0 2.0 3.0#

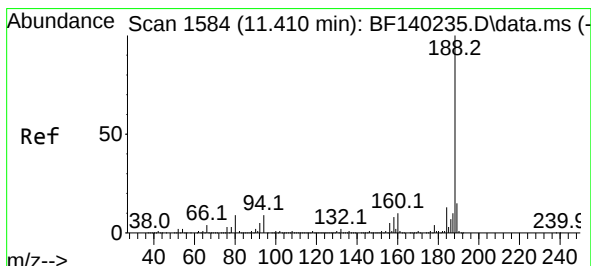
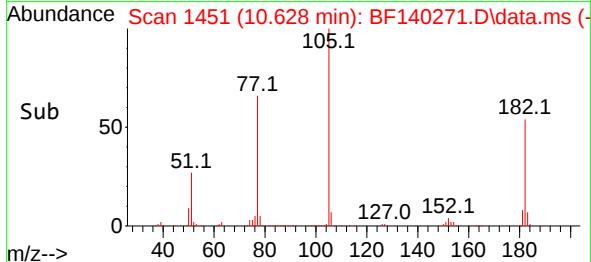
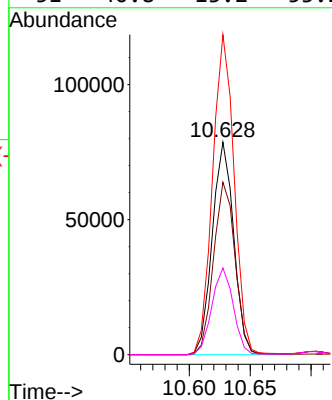
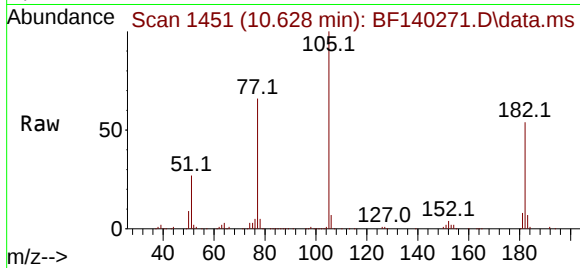




#63
Azobenzene
Concen: 5.650 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

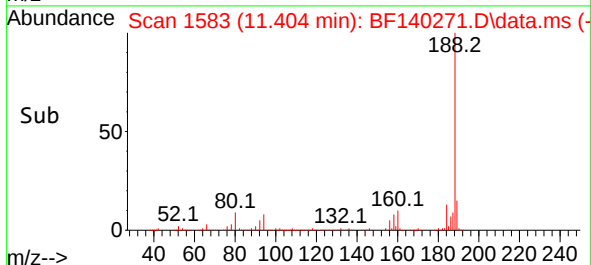
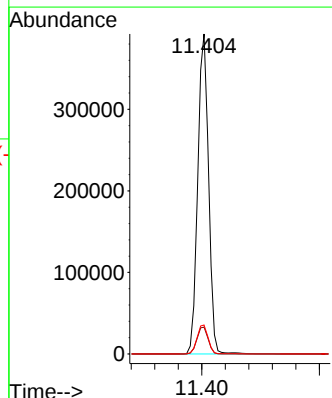
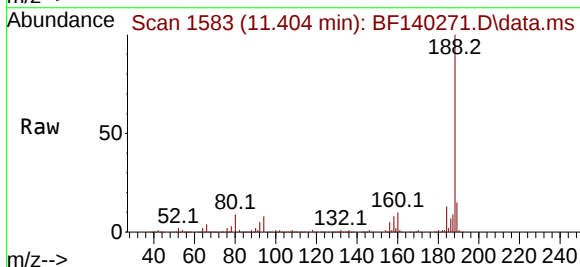
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

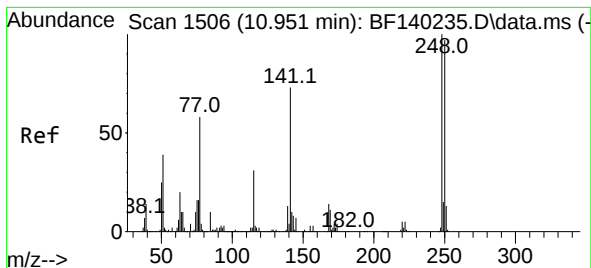
Tgt Ion: 77	Resp: 96402
Ion Ratio	Lower Upper
77 100	
182 81.2	4.7 44.7#
105 150.6	0.0 40.0#
51 40.8	13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 188	Resp: 499705
Ion Ratio	Lower Upper
188 100	
94 8.4	6.9 10.3
80 9.1	7.5 11.3

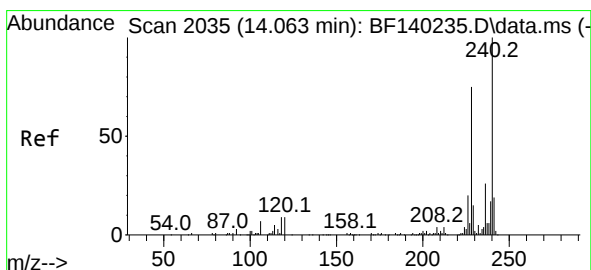
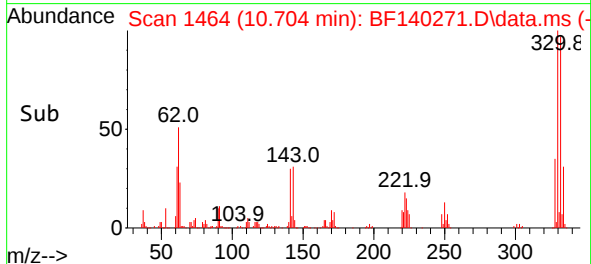
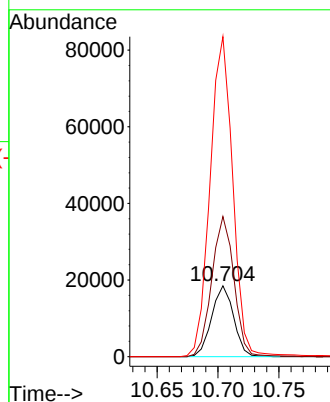
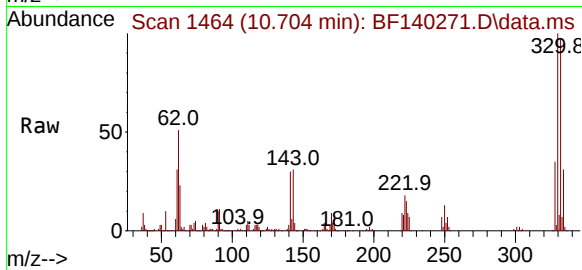




#67
4-Bromophenyl-phenylether
Concen: 4.319 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

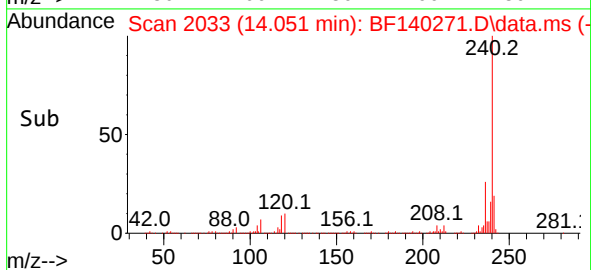
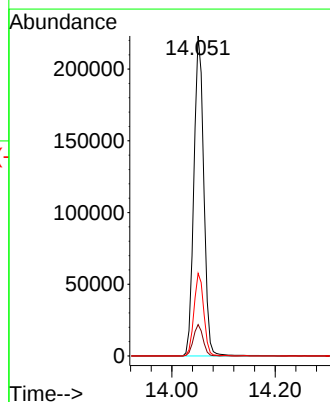
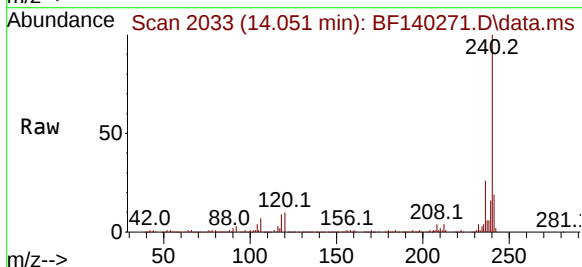
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

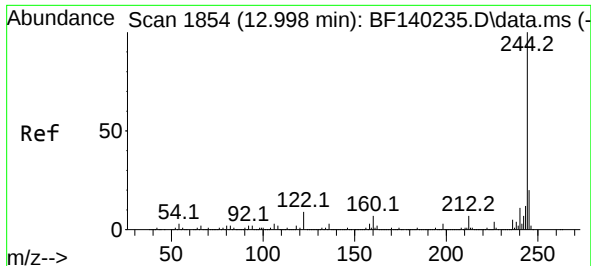
Tgt Ion:248 Resp: 23242
Ion Ratio Lower Upper
248 100
250 198.0 77.9 116.9#
141 451.9 58.6 88.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140271.D
Acq: 07 Nov 2024 13:33

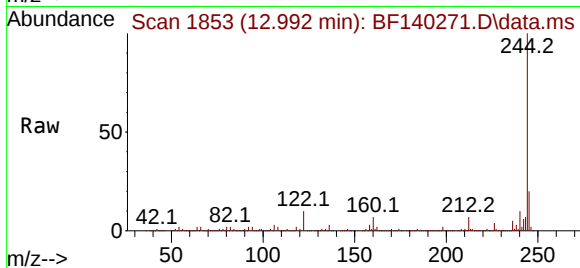
Tgt Ion:240 Resp: 296704
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 25.8 20.9 31.3





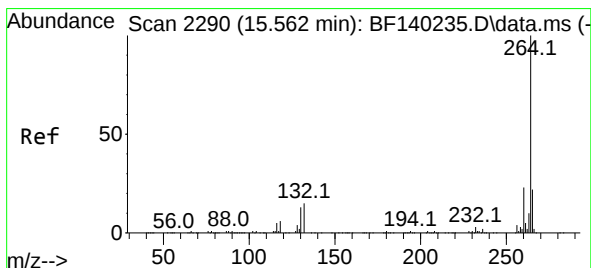
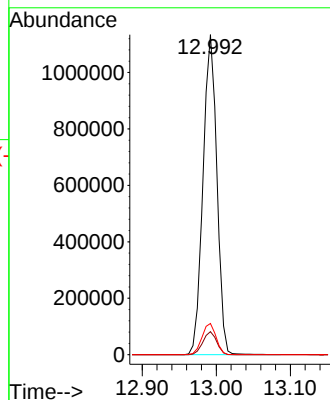
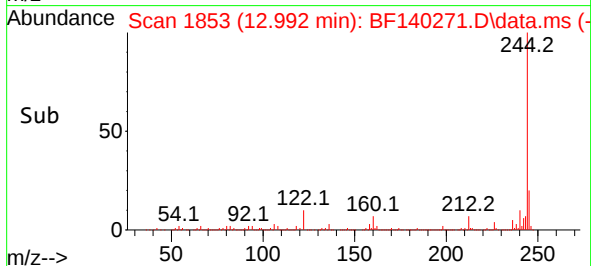
#79
 Terphenyl-d14
 Concen: 81.486 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140271.D
 Acq: 07 Nov 2024 13:33

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SB02



Tgt Ion:244 Resp: 1475896

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.7	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF140271.D
 Acq: 07 Nov 2024 13:33

Tgt Ion:264 Resp: 275946

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.4	17.3	25.9

