

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140495.D
 Acq On : 20 Nov 2024 12:42
 Operator : RC/JU
 Sample : P4892-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 13:09:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

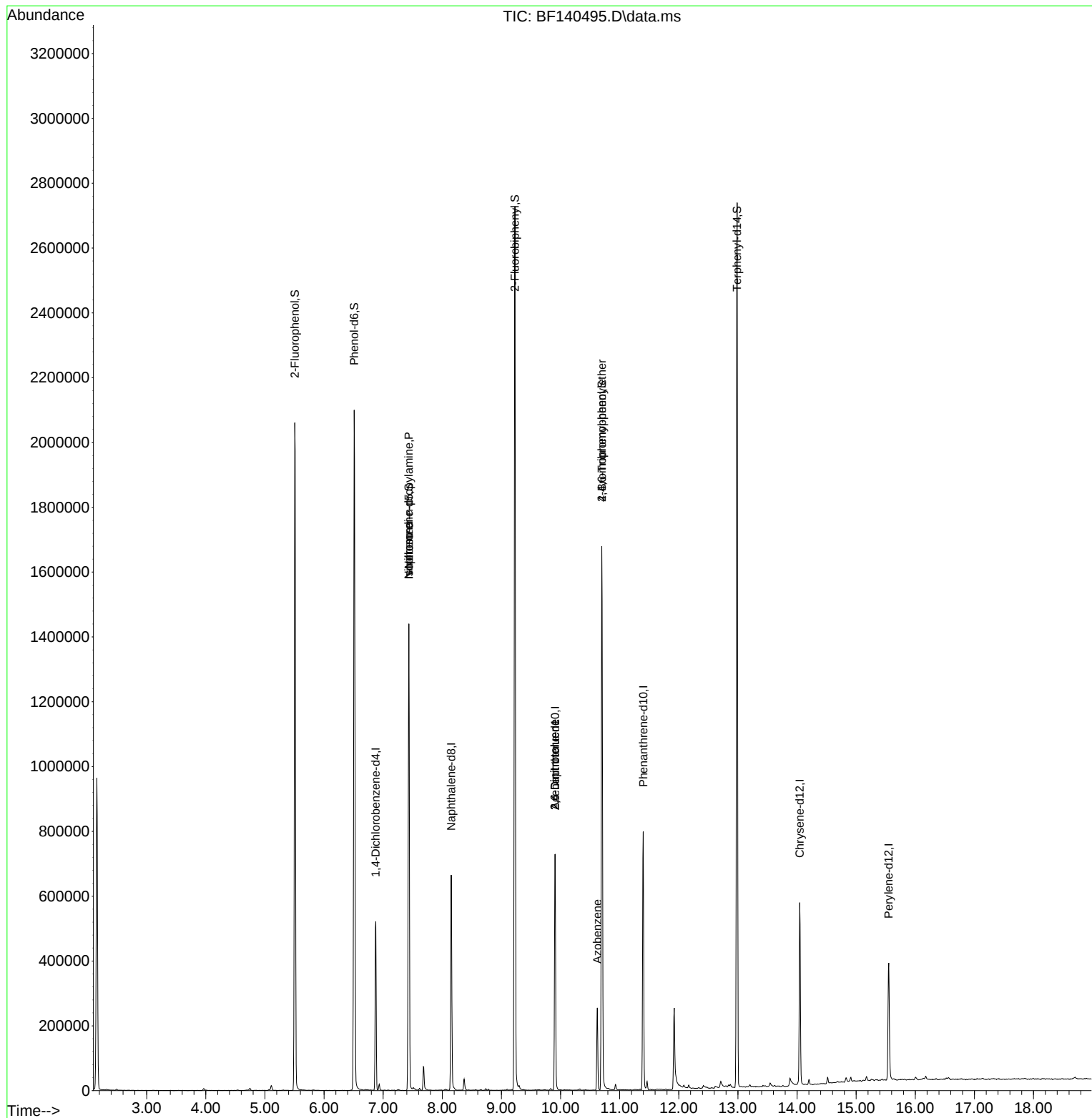
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111857	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	425828	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234373	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	439035	20.000	ng	0.00
76) Chrysene-d12	14.045	240	271644	20.000	ng	0.00
86) Perylene-d12	15.551	264	222745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	795934	121.491	ng	0.01
7) Phenol-d6	6.510	99	1040588	117.236	ng	0.00
23) Nitrobenzene-d5	7.434	82	668507	81.796	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	294494	126.357	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1244669	85.371	ng	0.00
79) Terphenyl-d14	12.986	244	1374393	87.823	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	89590	16.712	ng	# 78
25) Isophorone	7.434	82	659267	45.515	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	31159	8.947	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	31159	6.798	ng	# 20
63) Azobenzene	10.622	77	67142	4.350	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	19643	4.476	ng	# 1

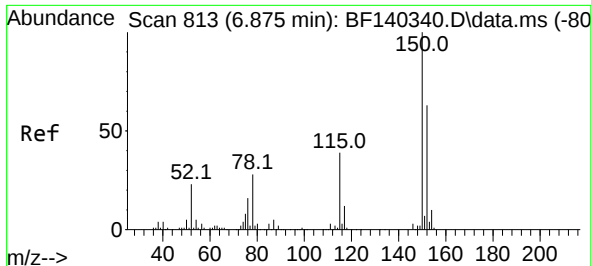
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140495.D
Acq On : 20 Nov 2024 12:42
Operator : RC/JU
Sample : P4892-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

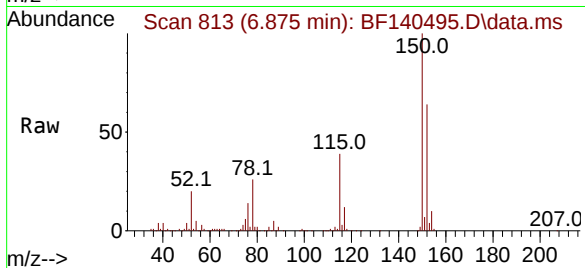
Quant Time: Nov 20 13:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
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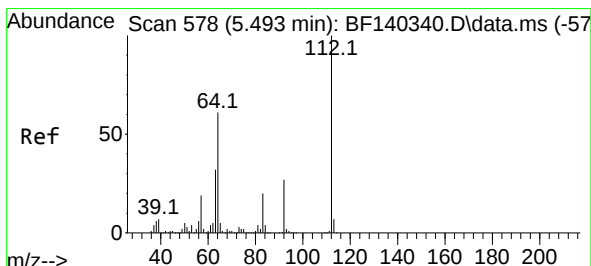
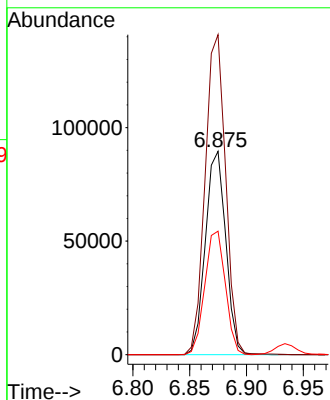
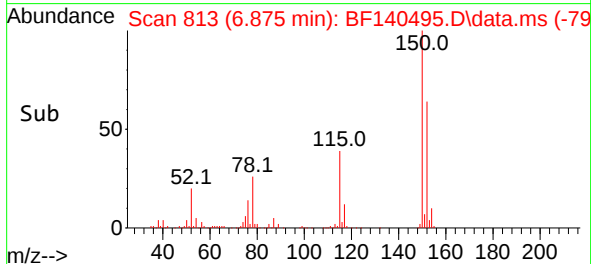


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Instrument :
BNA_F
ClientSampleId :

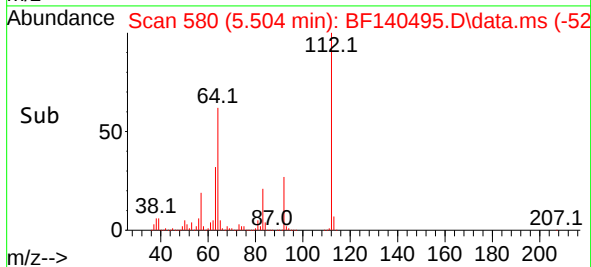
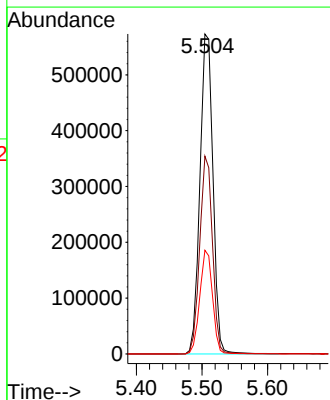
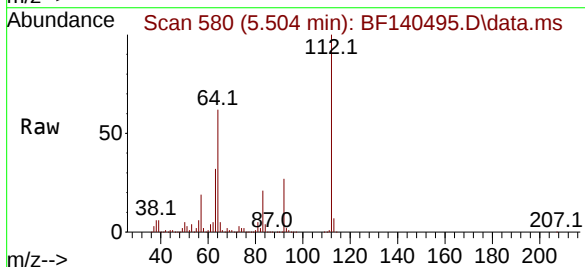


Tgt Ion:152 Resp: 111857
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.7 47.4 71.2



#5
2-Fluorophenol
Concen: 121.491 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

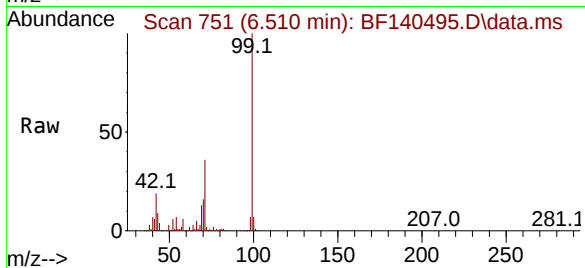
Tgt Ion:112 Resp: 795934
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 32.4 25.6 38.4





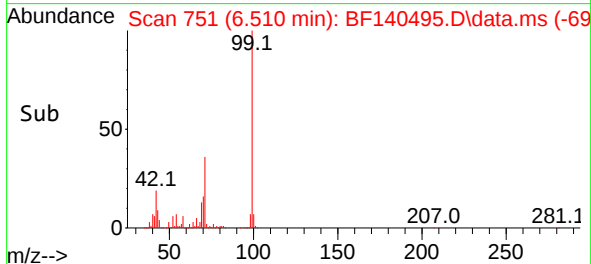
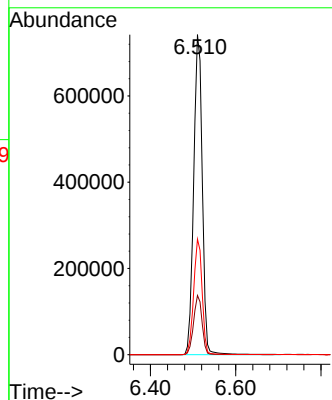
#7
Phenol-d6
Concen: 117.236 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1040588

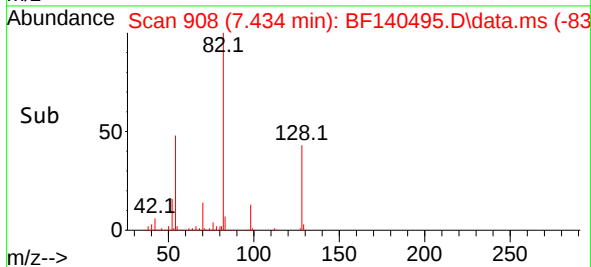
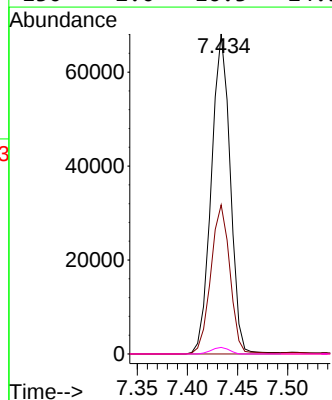
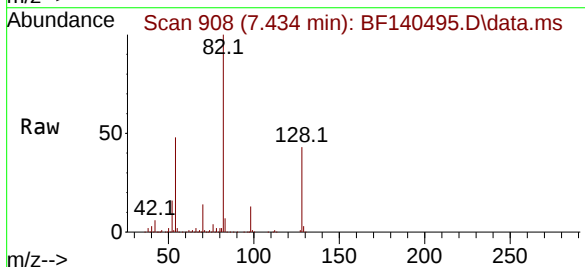
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	36.1	27.9	41.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.712 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion: 70 Resp: 89590

Ion	Ratio	Lower	Upper
70	100		
42	46.6	46.8	70.2#
101	0.0	7.5	11.3#
130	2.0	16.3	24.5#



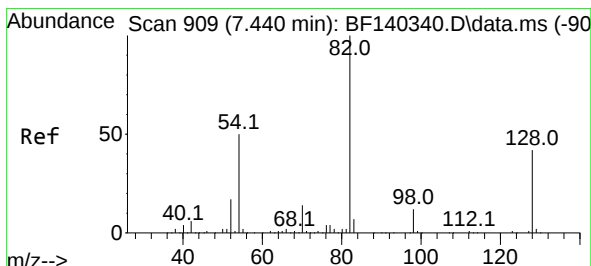
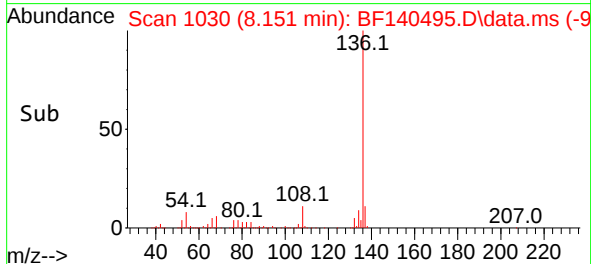
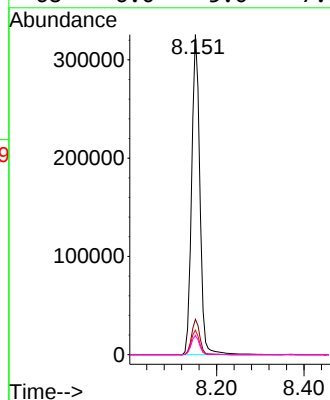
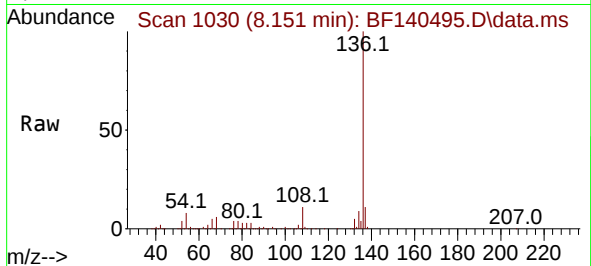


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 425828

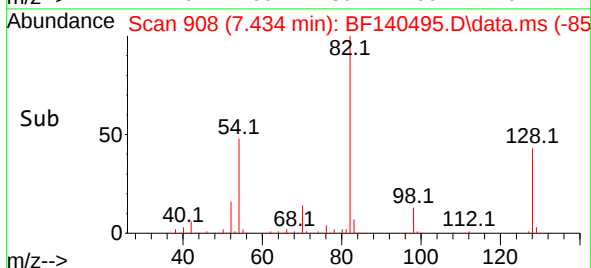
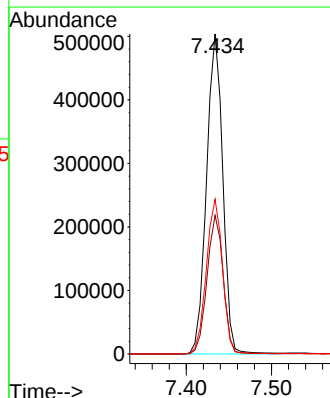
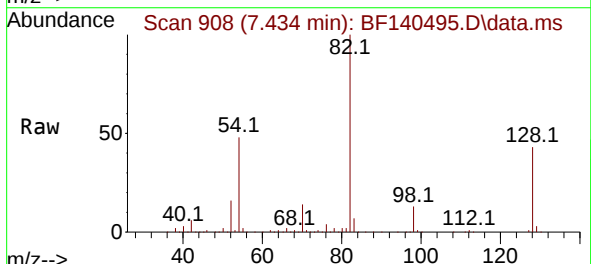
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.6	6.5	9.7
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion: 82 Resp: 668507

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.3	49.9
54	48.4	39.8	59.8

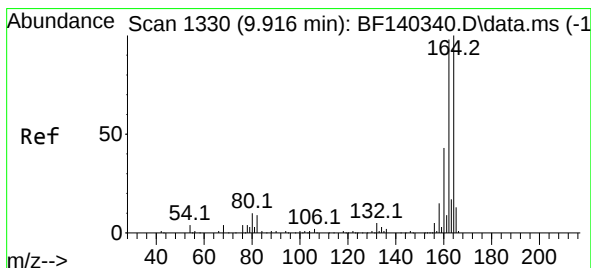
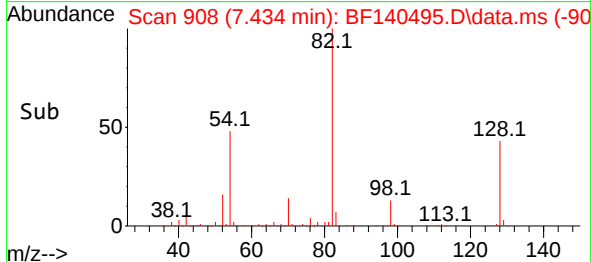
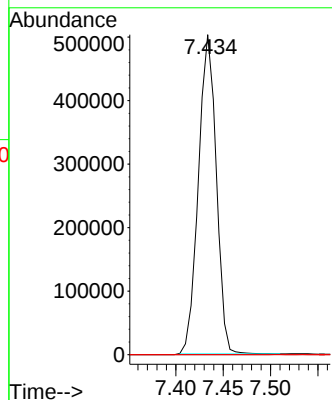
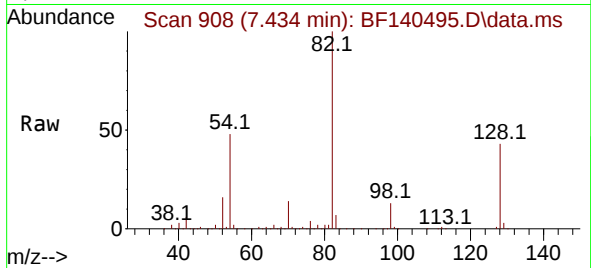




#25
Isophorone
Concen: 45.515 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

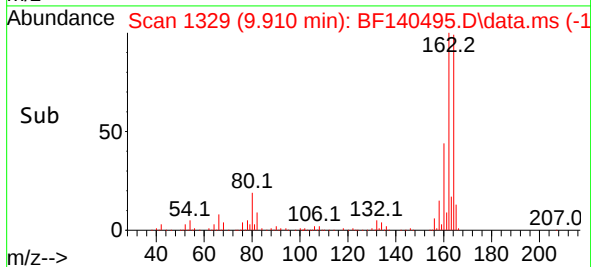
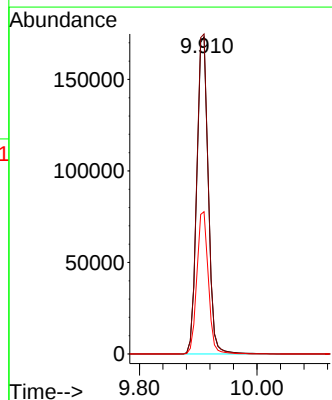
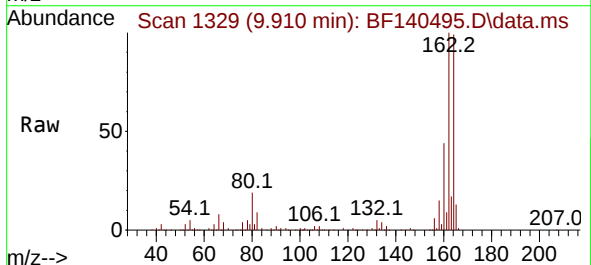
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 659267
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion:164 Resp: 234373
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.357 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

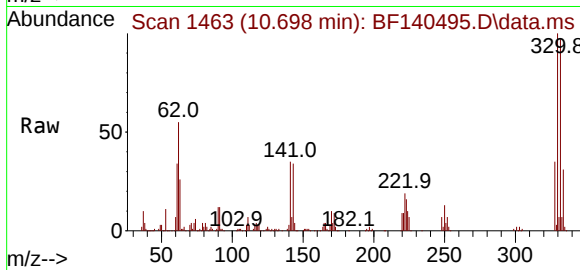
Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

Instrument :

BNA_F

ClientSampleId :



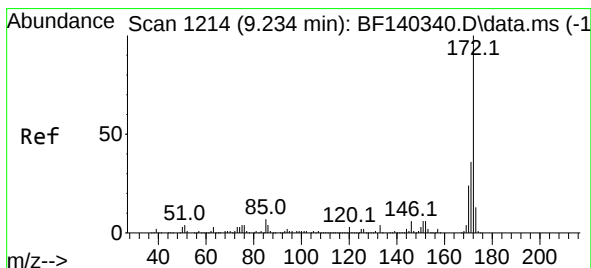
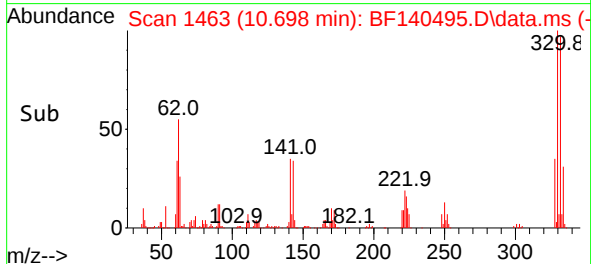
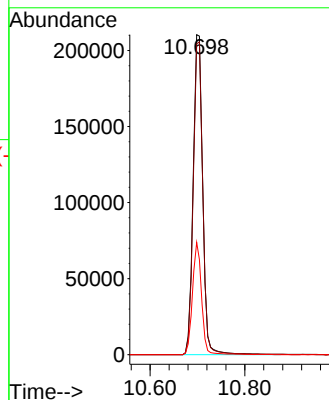
Tgt Ion:330 Resp: 294494

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

141 33.4 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 85.371 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

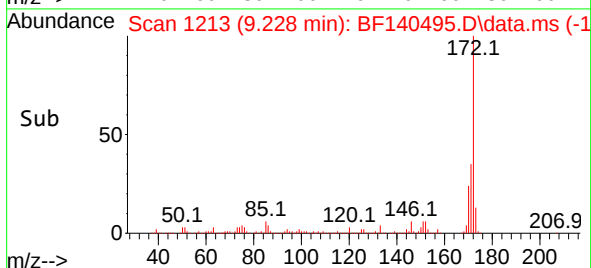
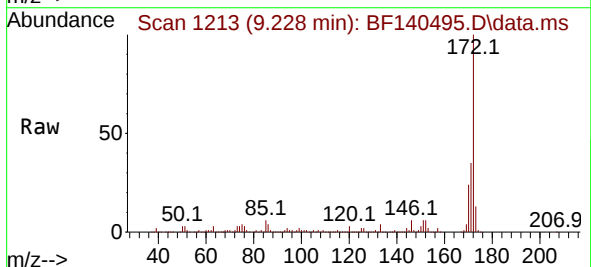
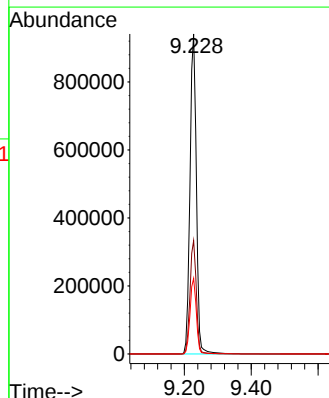
Tgt Ion:172 Resp: 1244669

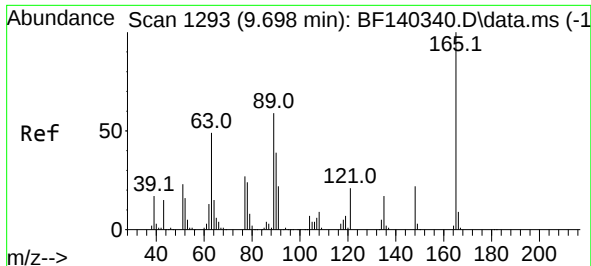
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.6 19.1 28.7

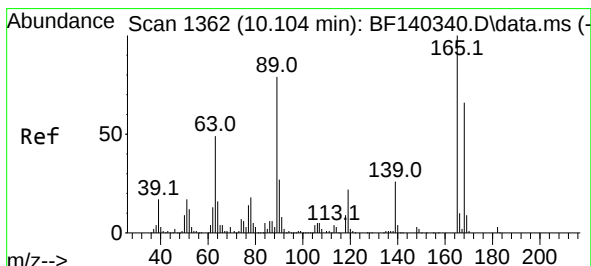
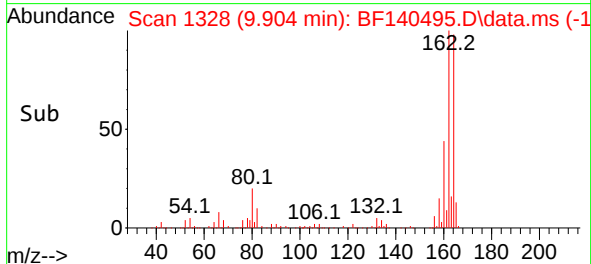
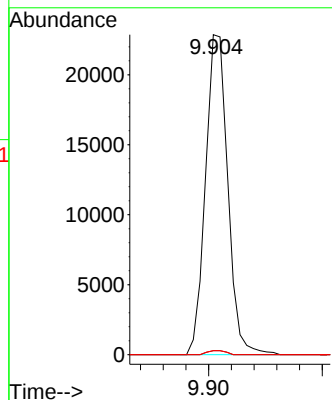
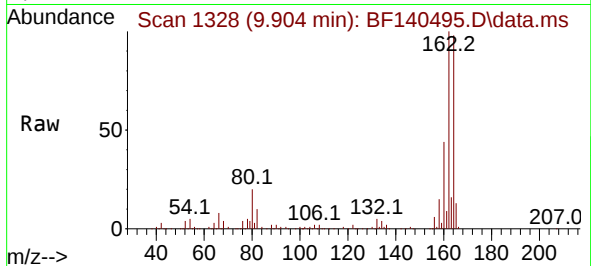




#51
2,6-Dinitrotoluene
Concen: 8.947 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

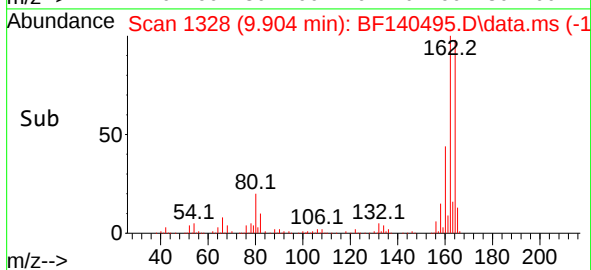
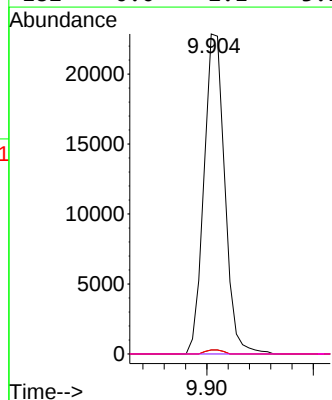
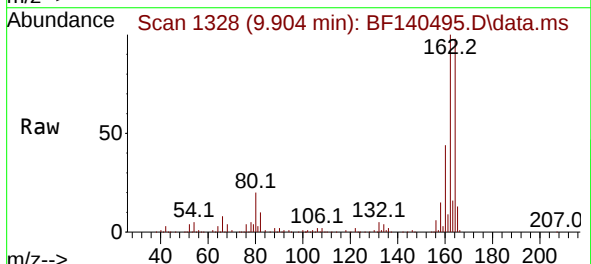
Instrument :
BNA_F
ClientSampleId :

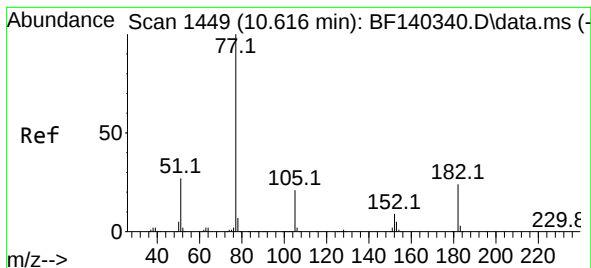
Tgt Ion:165 Resp: 31159
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.798 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion:165 Resp: 31159
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 4.350 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 67142

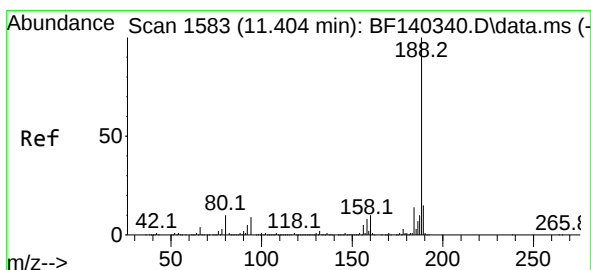
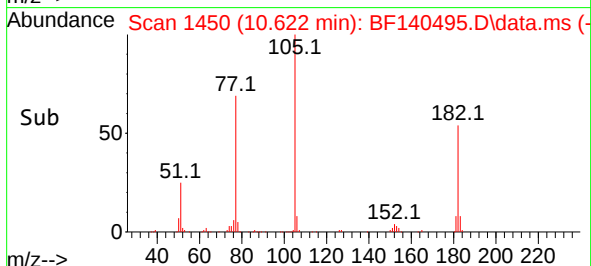
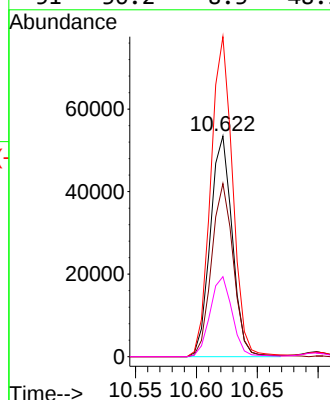
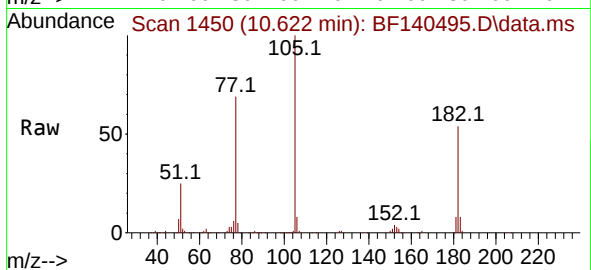
Ion Ratio Lower Upper

77 100

182 78.5 4.6 44.6#

105 145.1 0.9 40.9#

51 36.2 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

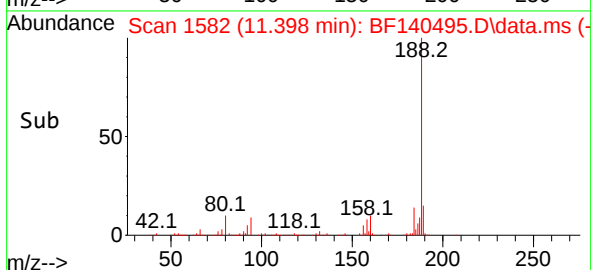
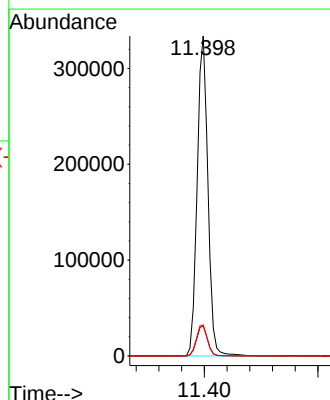
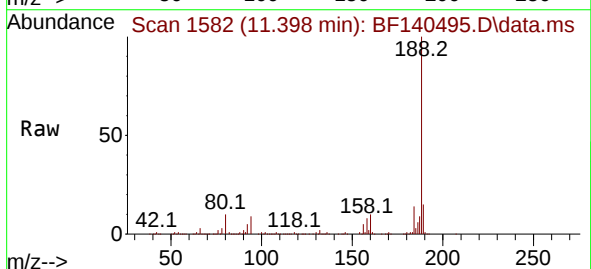
Tgt Ion: 188 Resp: 439035

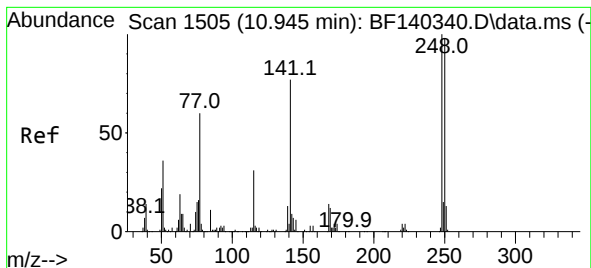
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.7 8.0 12.0

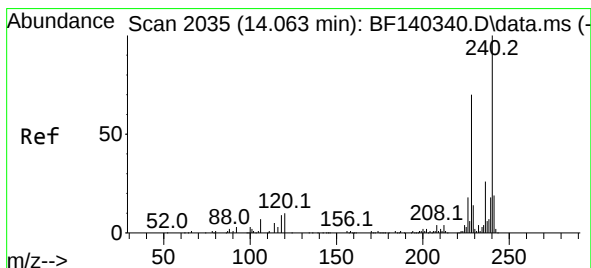
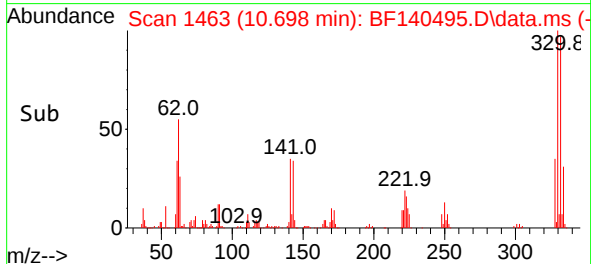
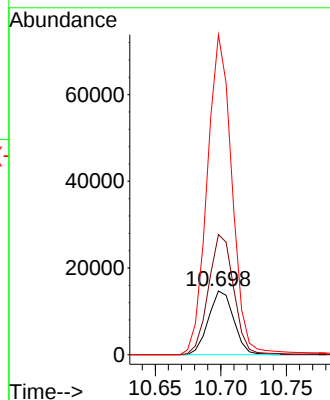
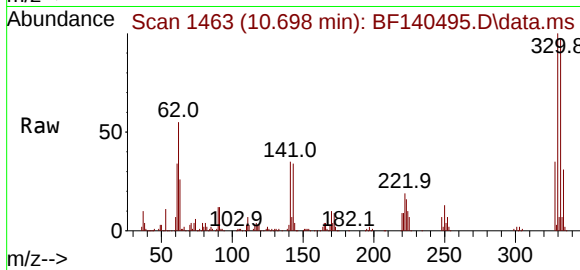




#67
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

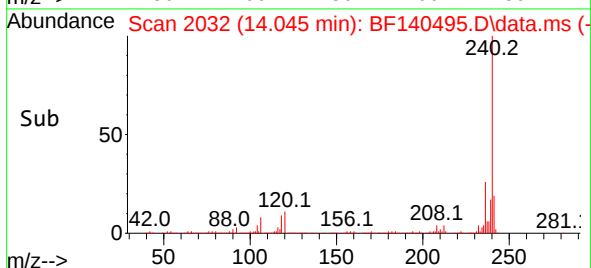
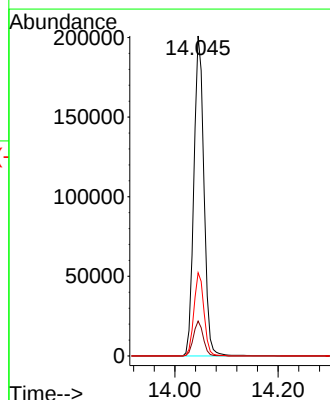
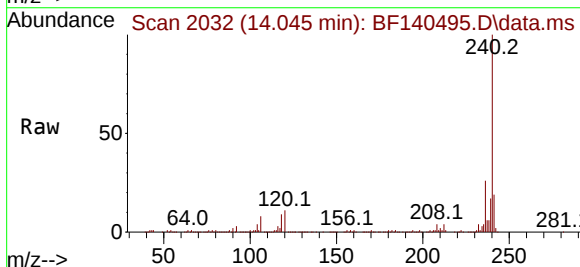
Instrument :
BNA_F
ClientSampleId :

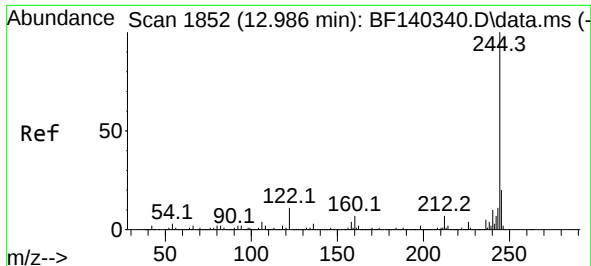
Tgt Ion:248 Resp: 19643
Ion Ratio Lower Upper
248 100
250 188.7 77.9 116.9#
141 502.4 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

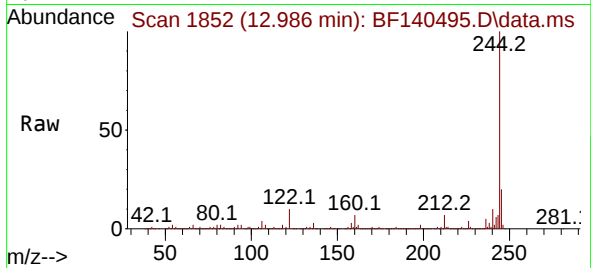
Tgt Ion:240 Resp: 271644
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.0 20.9 31.3



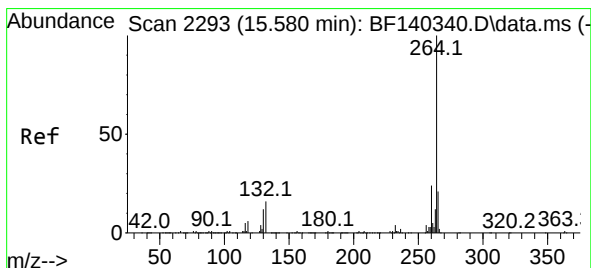
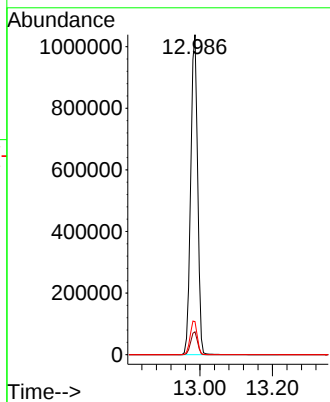
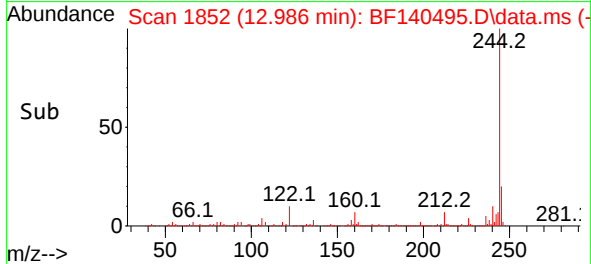


#79
 Terphenyl-d14
 Concen: 87.823 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140495.D
 Acq: 20 Nov 2024 12:42

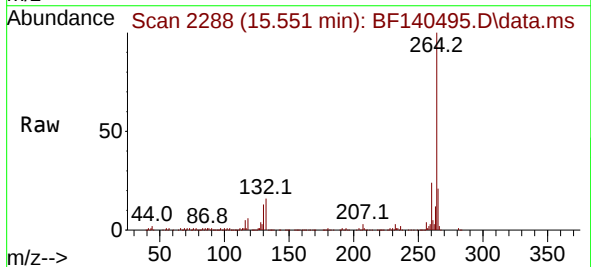
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1374393
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140495.D
 Acq: 20 Nov 2024 12:42



Tgt Ion:264 Resp: 222745
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.1 25.7

