

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140240.D
 Acq On : 05 Nov 2024 16:37
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BL

Quant Time: Nov 05 23:57:00 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)

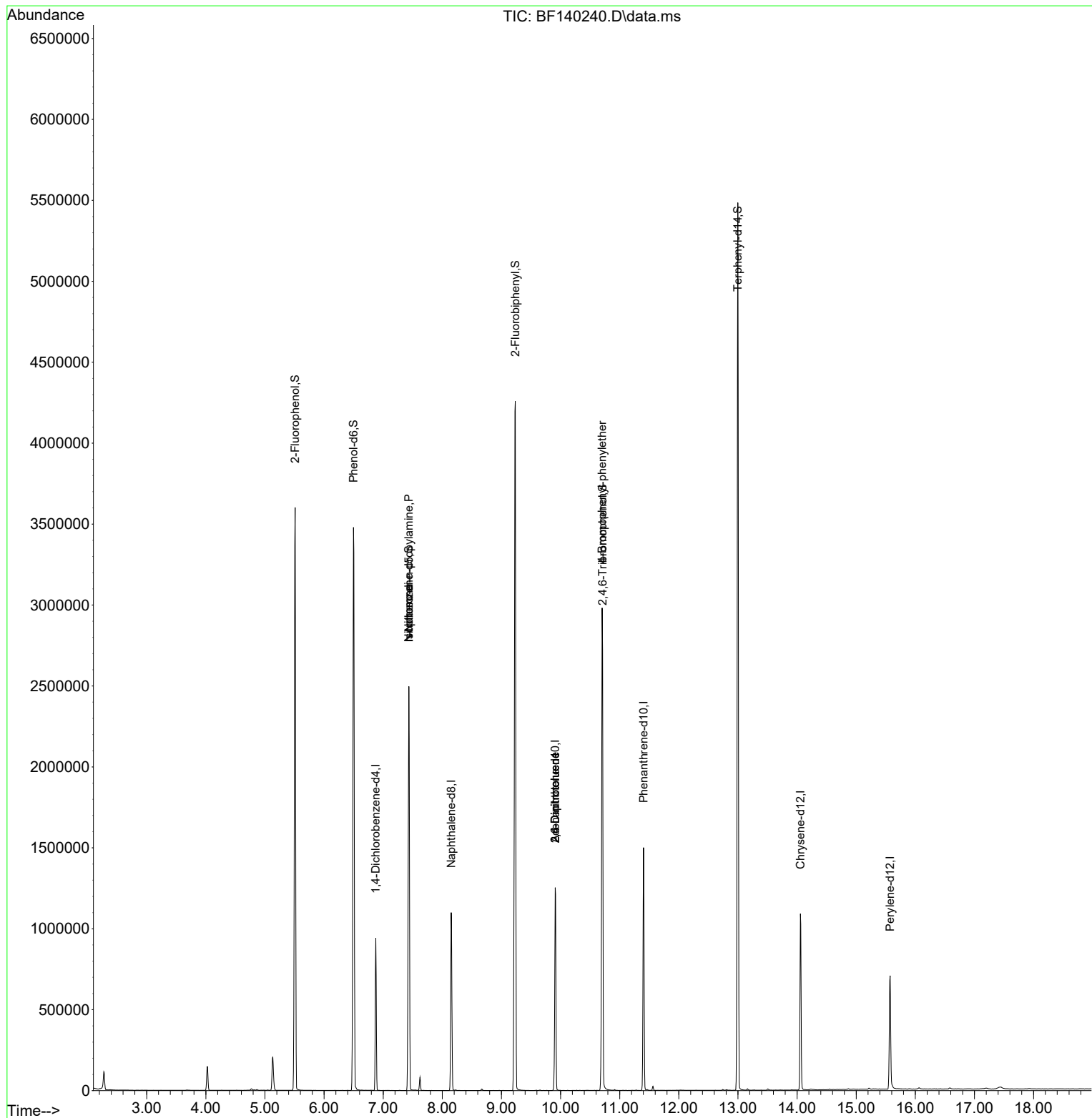
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	182620	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	710924	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	424484	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	795173	20.000	ng	0.00
76) Chrysene-d12	14.057	240	535780	20.000	ng	0.00
86) Perylene-d12	15.574	264	445617	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1405439	127.538	ng	0.02
7) Phenol-d6	6.498	99	1742656	122.947	ng	0.00
23) Nitrobenzene-d5	7.434	82	1207743	84.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	554568	132.172	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2234906	84.072	ng	0.00
79) Terphenyl-d14	12.998	244	2855079	87.293	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	170580	18.864	ng	# 76
25) Isophorone	7.434	82	1199240	48.708	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	54905	8.935	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	54905	6.885	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	35445	4.139	ng	# 1

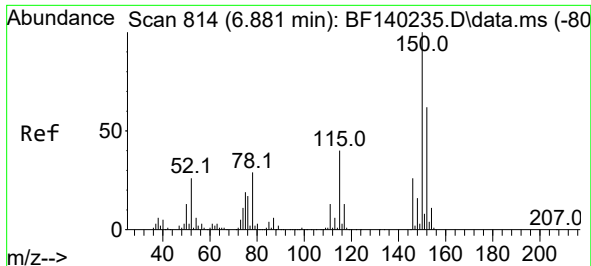
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
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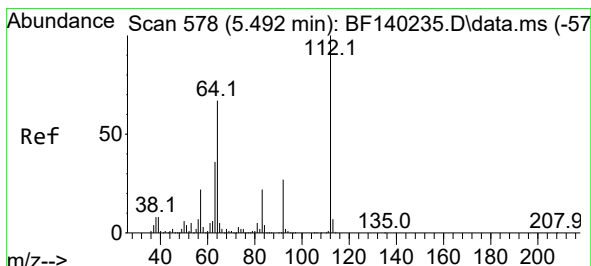
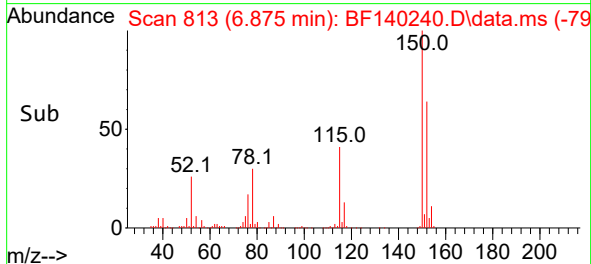
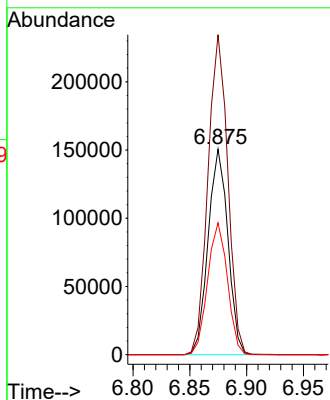
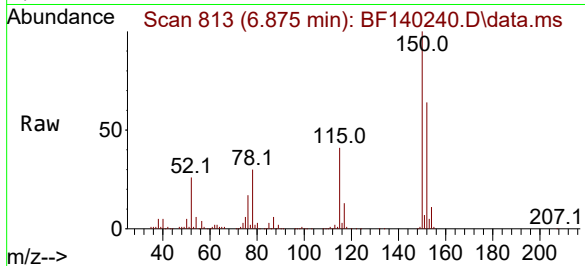




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

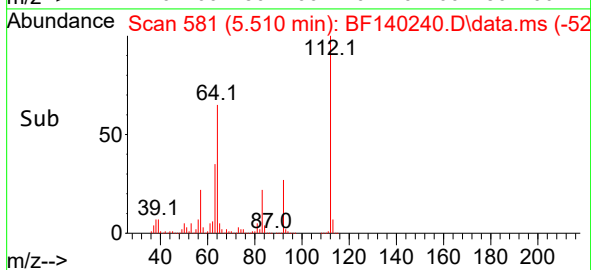
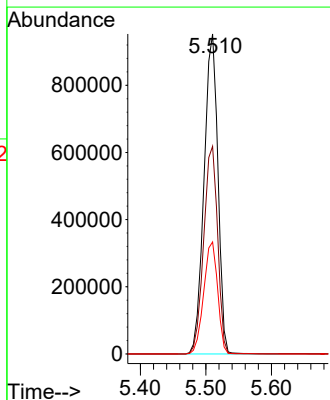
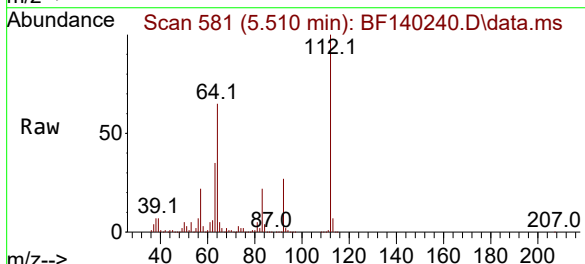
Instrument :
BNA_F
ClientSampleId :
PB164366BL

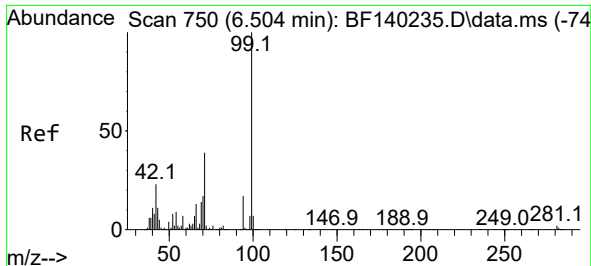
Tgt Ion:152 Resp: 182620
Ion Ratio Lower Upper
152 100
150 155.8 129.4 194.2
115 64.2 51.5 77.3



#5
2-Fluorophenol
Concen: 127.538 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:112 Resp: 1405439
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 35.0 28.9 43.3

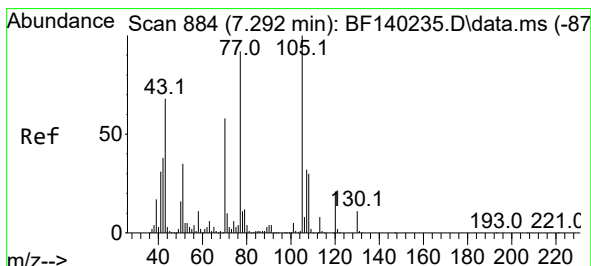
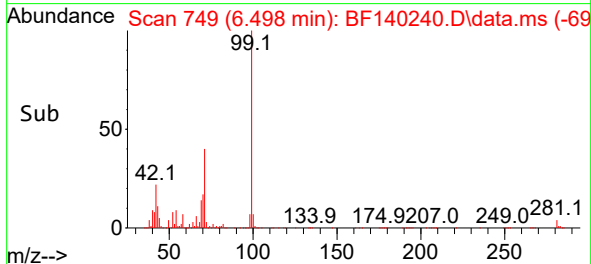
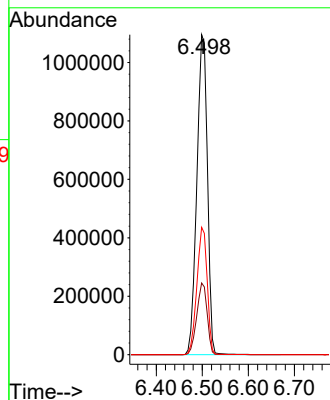
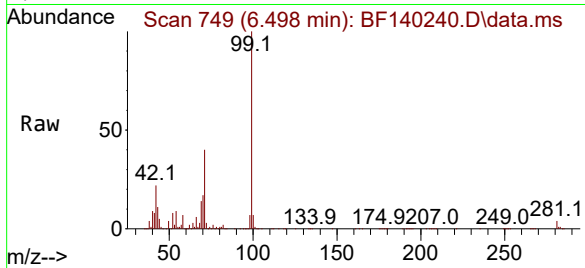




#7
Phenol-d6
Concen: 122.947 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

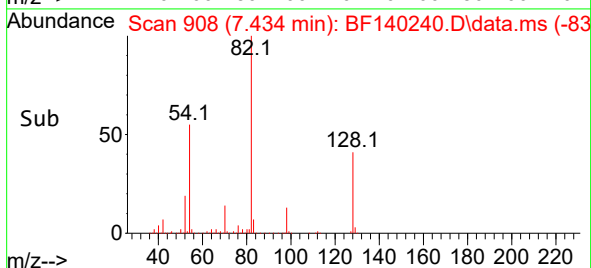
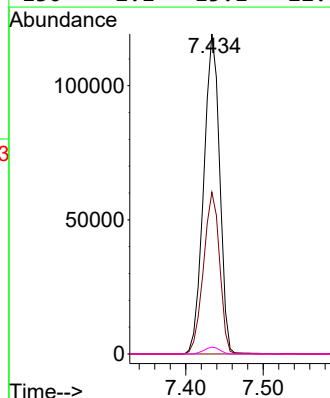
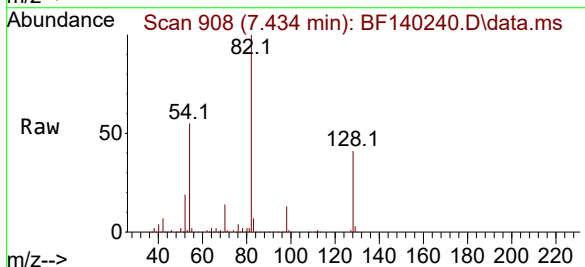
Instrument :
BNA_F
ClientSampleId :
PB164366BL

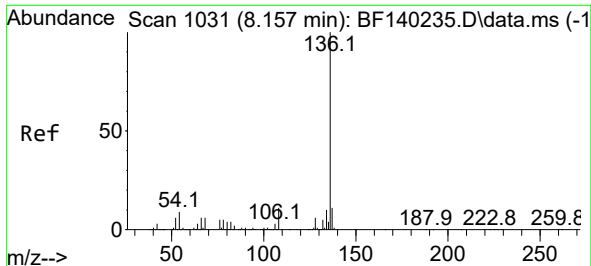
Tgt Ion: 99 Resp: 1742656
Ion Ratio Lower Upper
99 100
42 22.4 18.2 27.2
71 39.8 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.864 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion: 70 Resp: 170580
Ion Ratio Lower Upper
70 100
42 50.6 52.8 79.2#
101 0.0 7.4 11.2#
130 2.1 15.1 22.7#



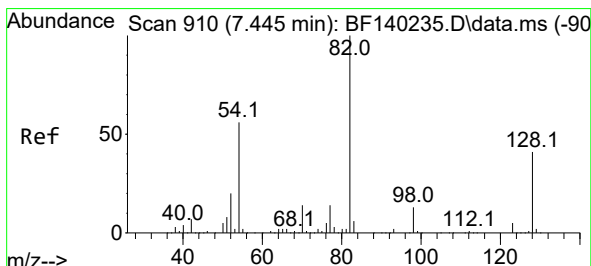
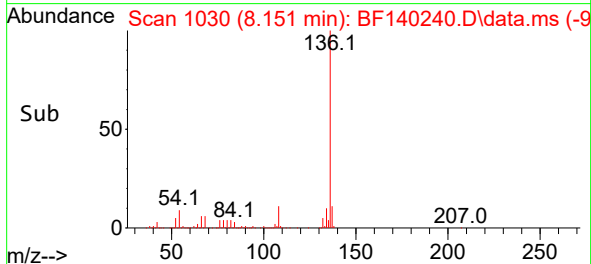
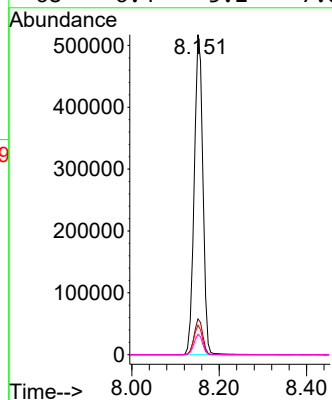
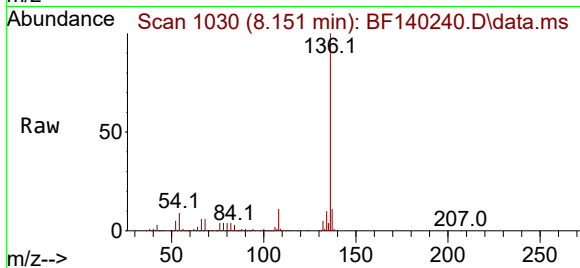


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Instrument :
BNA_F
ClientSampleId :
PB164366BL

Tgt Ion:136 Resp: 710924

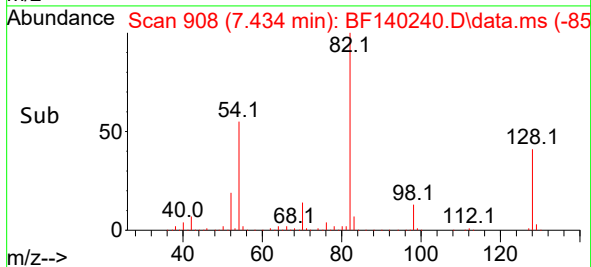
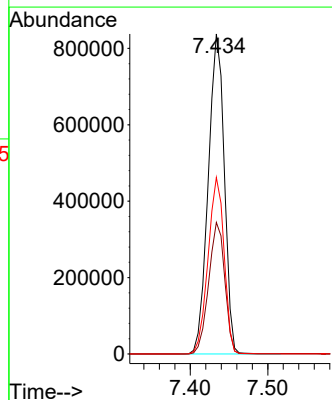
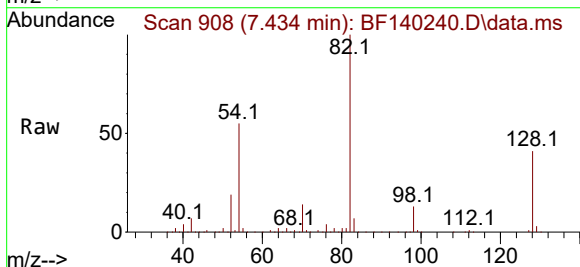
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.2	7.7	11.5
68	6.4	5.2	7.8

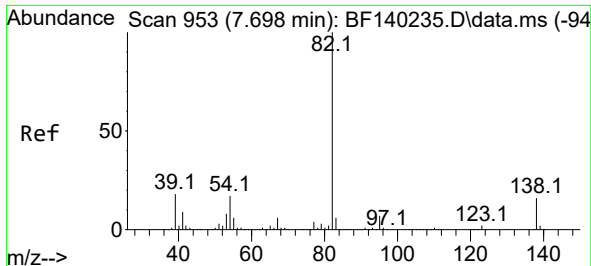


#23
Nitrobenzene-d5
Concen: 84.463 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion: 82 Resp: 1207743

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	55.1	44.3	66.5

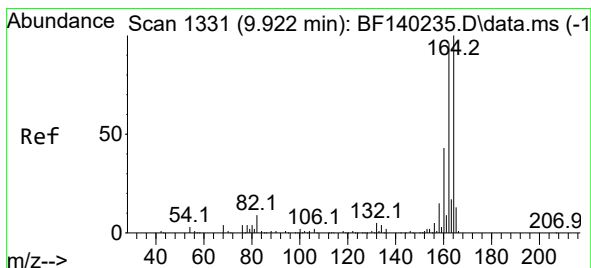
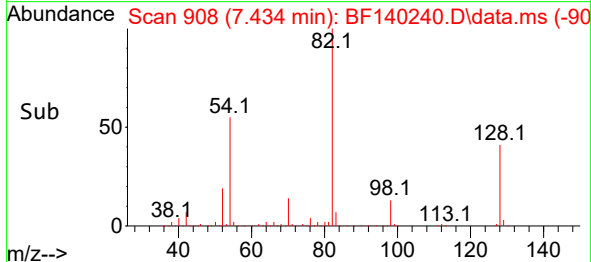
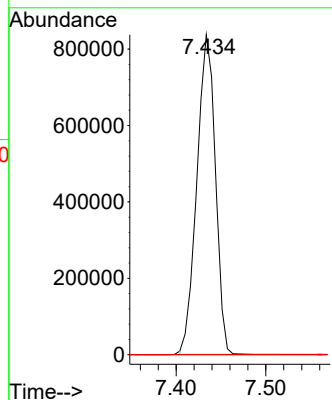
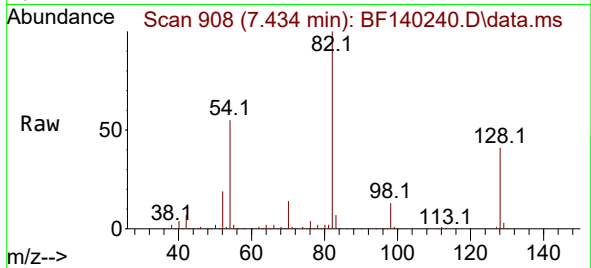




#25
Isophorone
Concen: 48.708 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

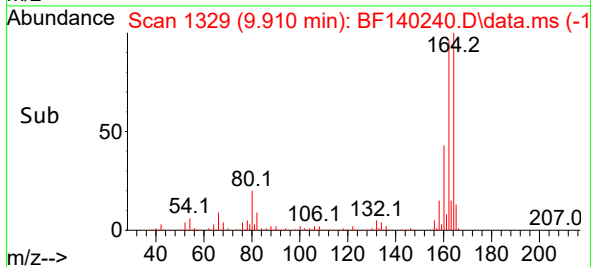
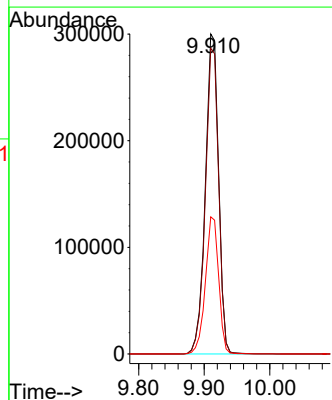
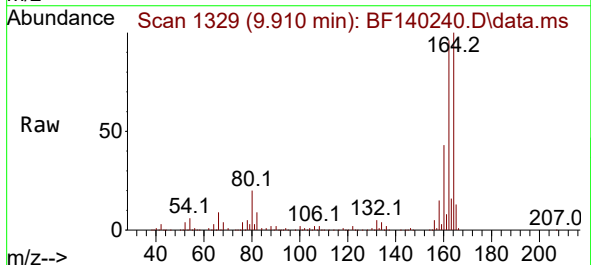
Instrument :
BNA_F
ClientSampleId :
PB164366BL

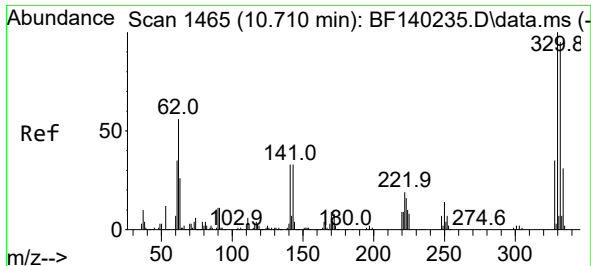
Tgt Ion: 82 Resp: 1199240
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

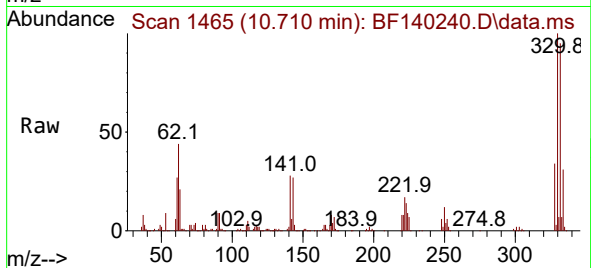
Tgt Ion:164 Resp: 424484
Ion Ratio Lower Upper
164 100
162 95.5 77.0 115.4
160 42.8 34.1 51.1



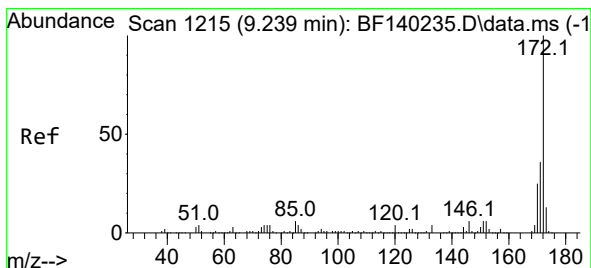
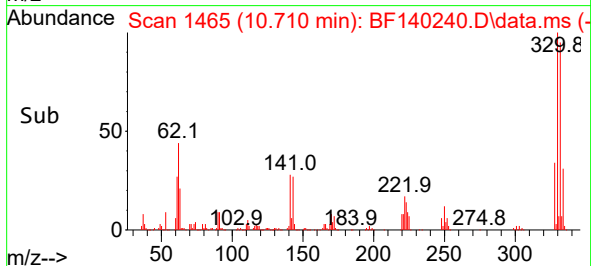
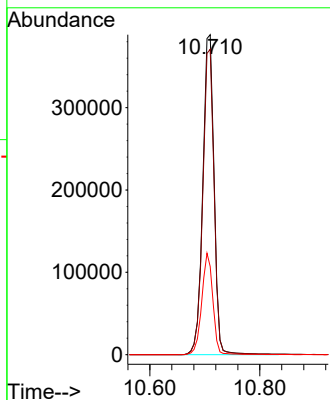


#42
2,4,6-Tribromophenol
Concen: 132.172 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Instrument :
BNA_F
ClientSampleId :
PB164366BL

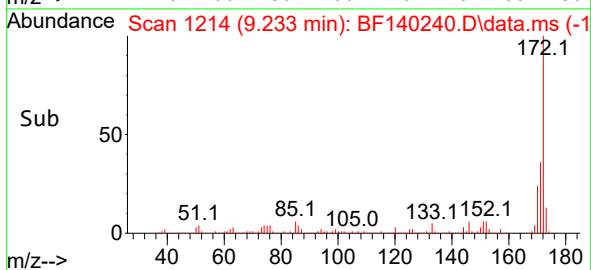
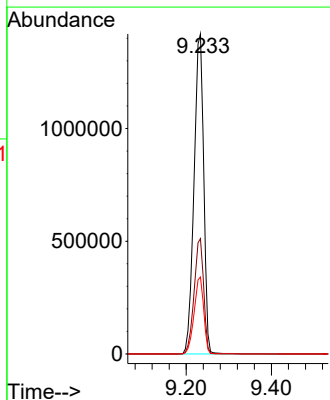
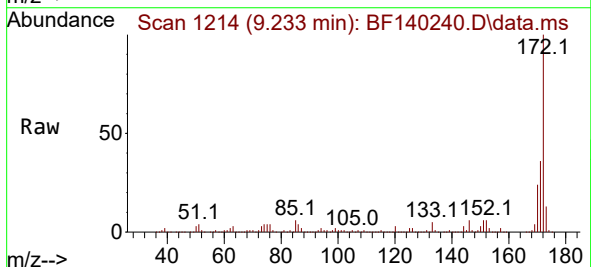


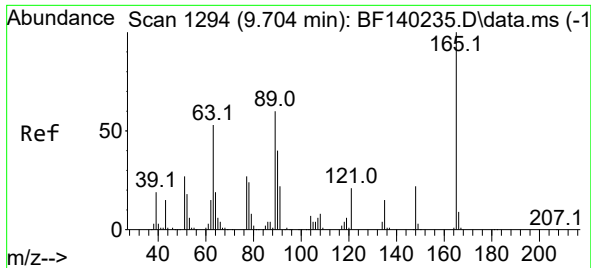
Tgt Ion:330 Resp: 554568
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 31.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 84.072 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:172 Resp: 2234906
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.6 29.4

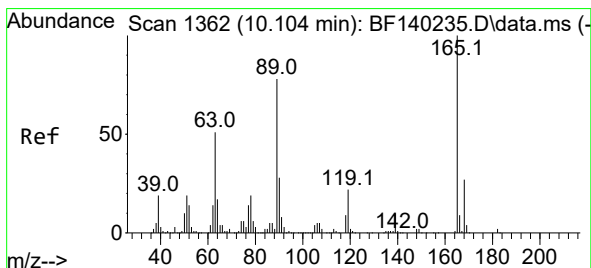
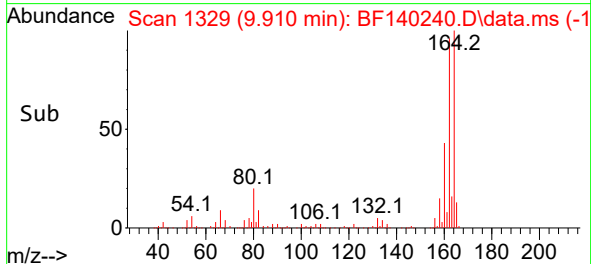
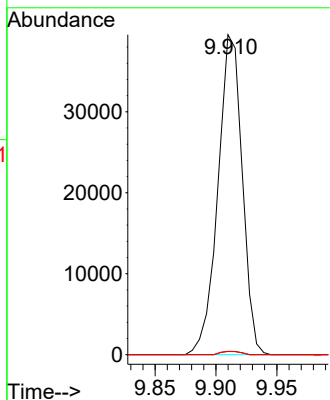
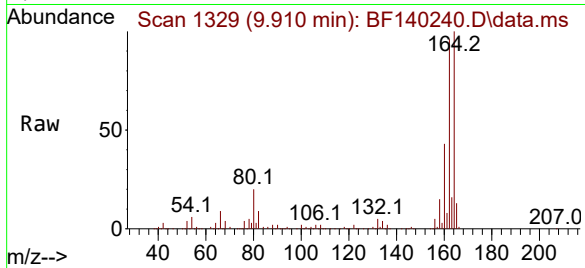




#51
2,6-Dinitrotoluene
Concen: 8.935 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

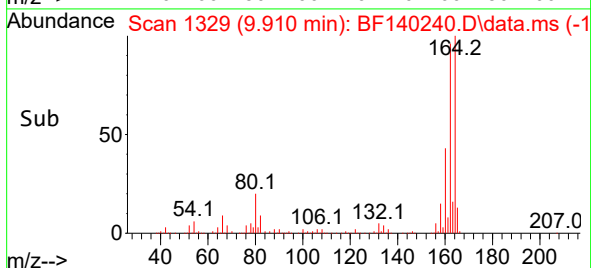
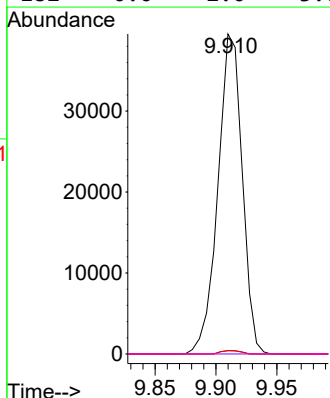
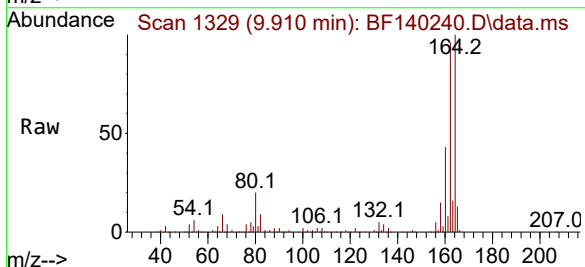
Instrument :
BNA_F
ClientSampleId :
PB164366BL

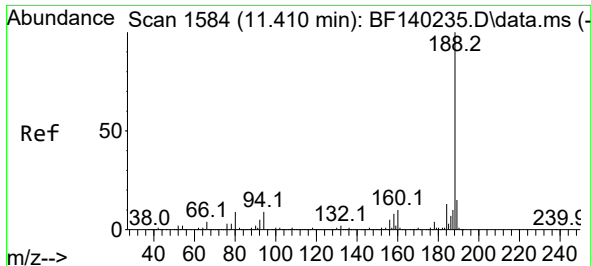
Tgt Ion:165 Resp: 54905
Ion Ratio Lower Upper
165 100
63 1.0 48.8 73.2#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:165 Resp: 54905
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.0 62.6 94.0#
182 0.0 2.0 3.0#

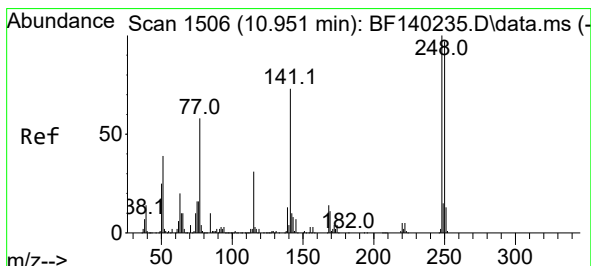
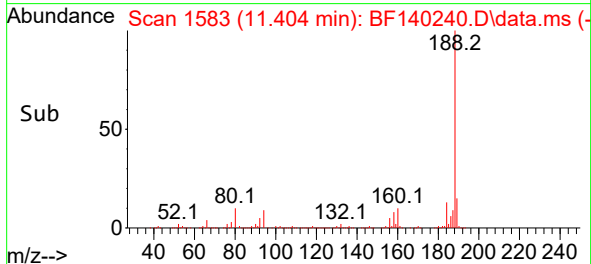
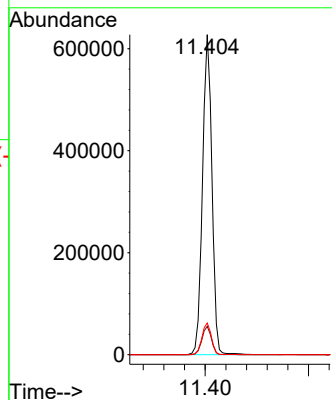
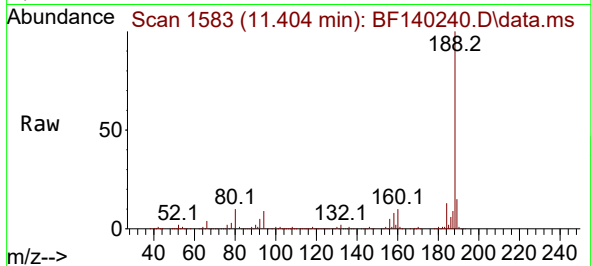




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

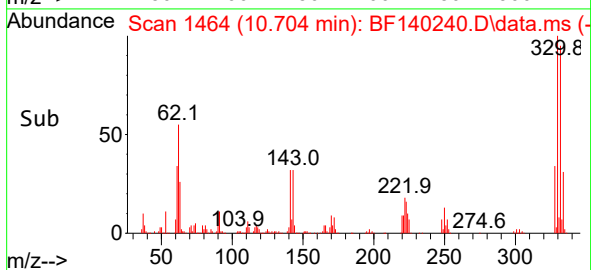
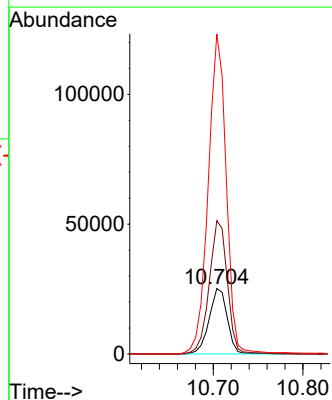
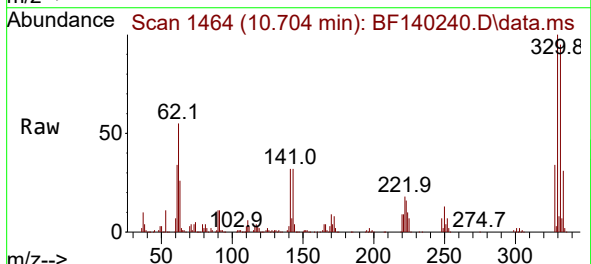
Instrument :
BNA_F
ClientSampleId :
PB164366BL

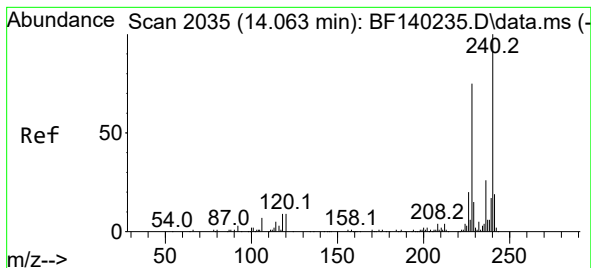
Tgt Ion:188 Resp: 795173
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:248 Resp: 35445
Ion Ratio Lower Upper
248 100
250 204.0 77.9 116.9#
141 489.5 58.6 88.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF140240.D

Acq: 05 Nov 2024 16:37

Instrument :

BNA_F

ClientSampleId :

PB164366BL

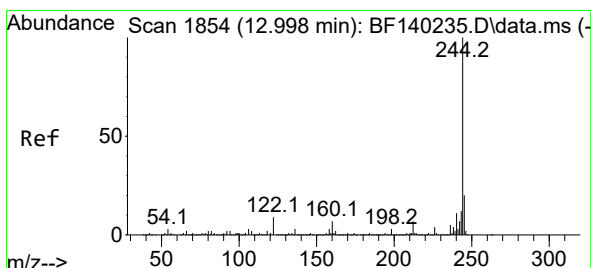
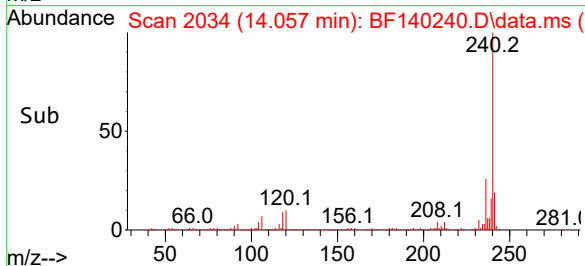
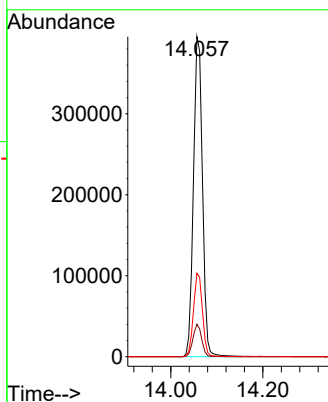
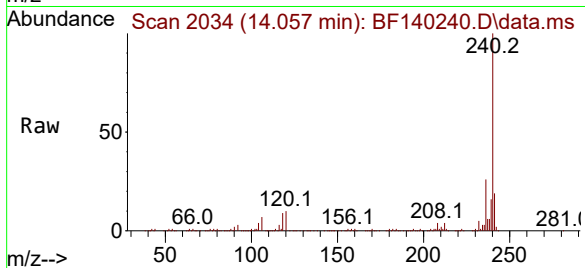
Tgt Ion:240 Resp: 535780

Ion Ratio Lower Upper

240 100

120 10.2 7.5 11.3

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 87.293 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140240.D

Acq: 05 Nov 2024 16:37

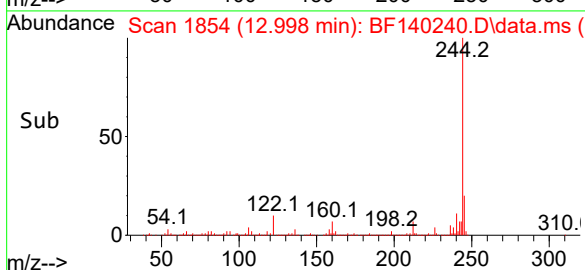
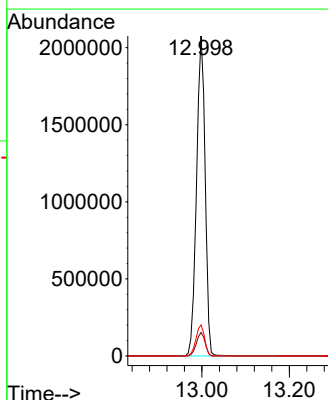
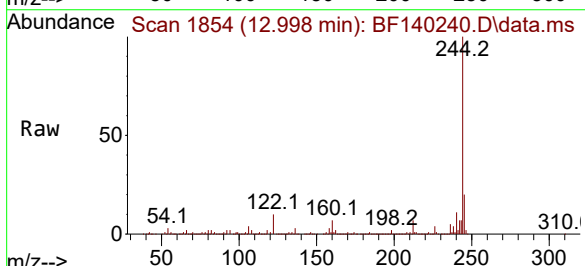
Tgt Ion:244 Resp: 2855079

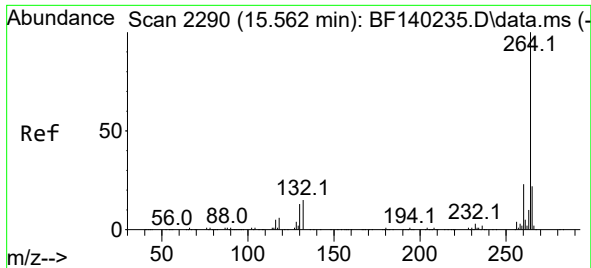
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

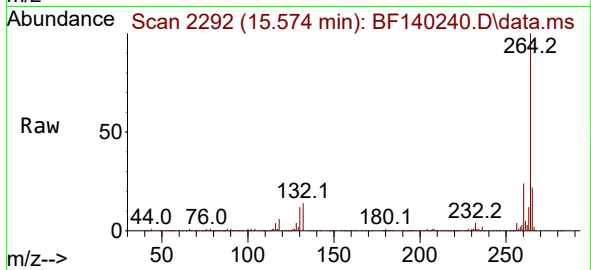
122 9.7 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140240.D
 Acq: 05 Nov 2024 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BL



Tgt Ion:264 Resp: 445617
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.3 25.9

