

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)

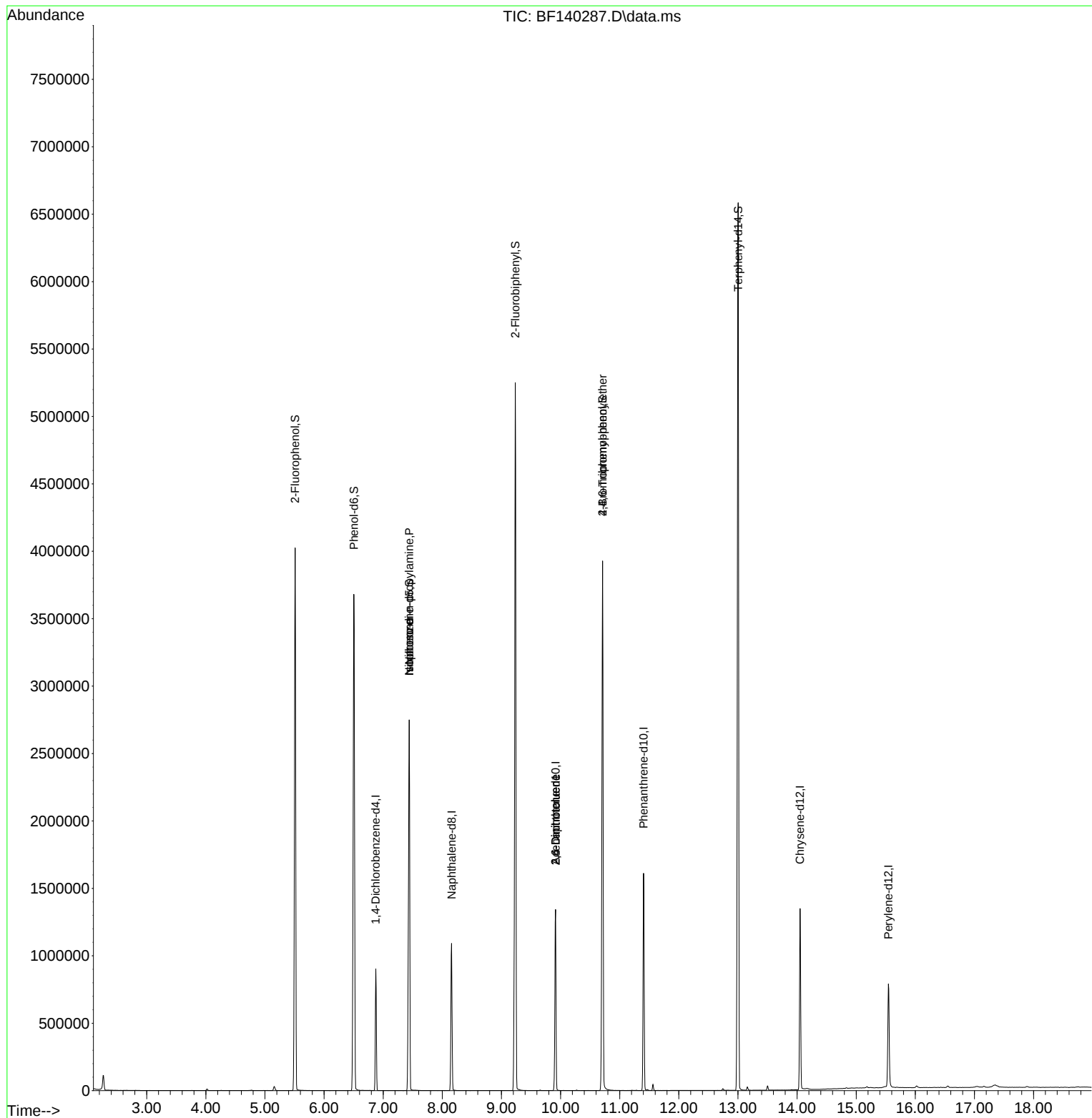
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	180593	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	699300	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	441390	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	869591	20.000	ng	0.00
76) Chrysene-d12	14.051	240	647570	20.000	ng	-0.01
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.439	70	196762	22.004	ng	# 75
25) Isophorone	7.439	82	1397646	57.710	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	56183	8.793	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	56183	6.776	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	49562	5.293	ng	# 1

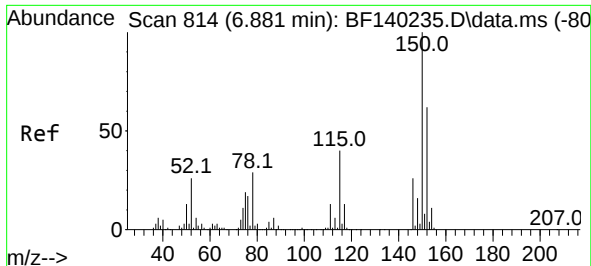
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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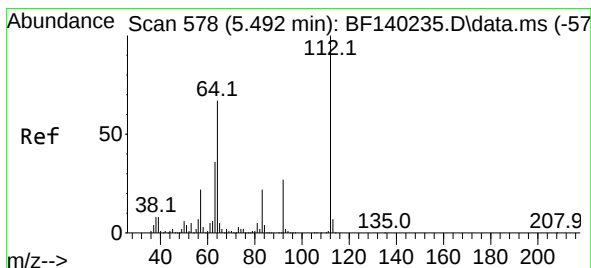
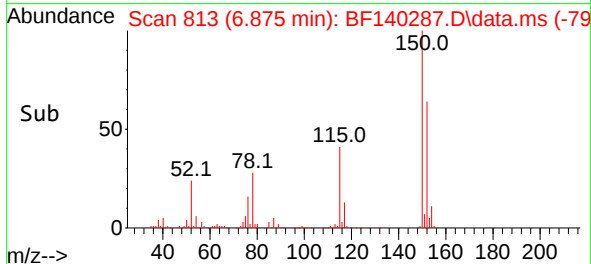
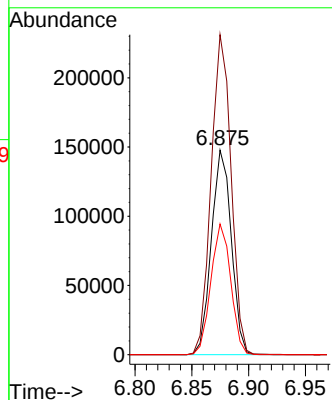
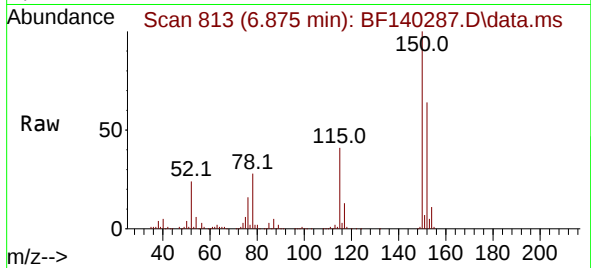




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

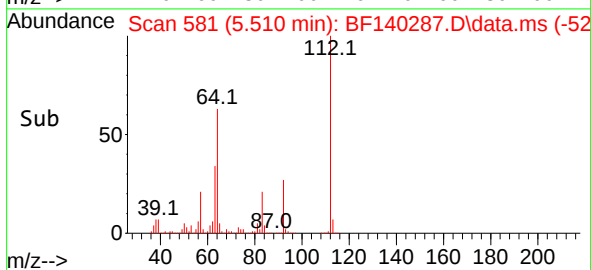
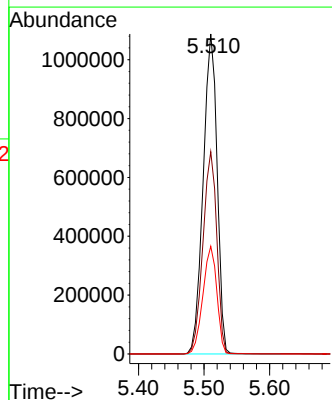
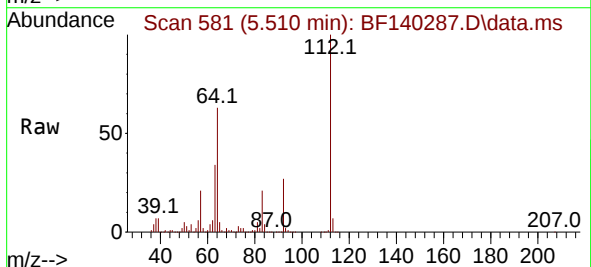
Instrument :
BNA_F
ClientSampleId :
PB164765BL

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



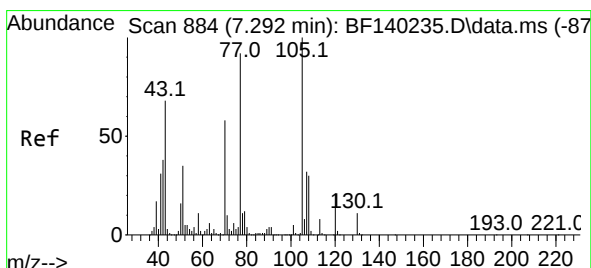
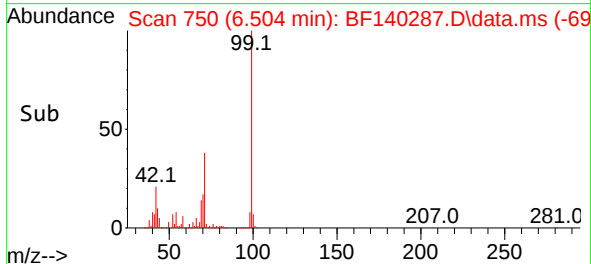
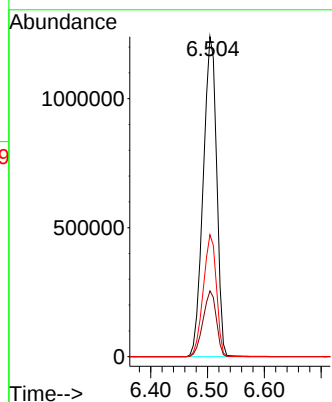
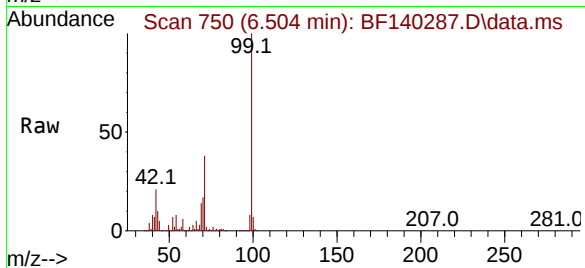


#7
Phenol-d6
Concen: 145.538 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164765BL

Tgt Ion: 99 Resp: 2039973

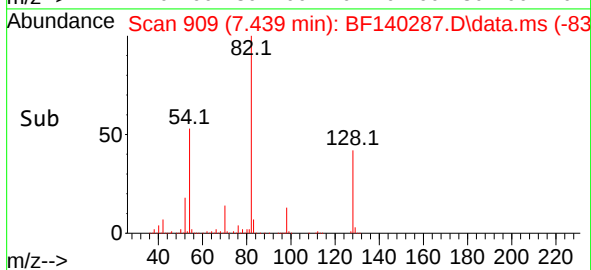
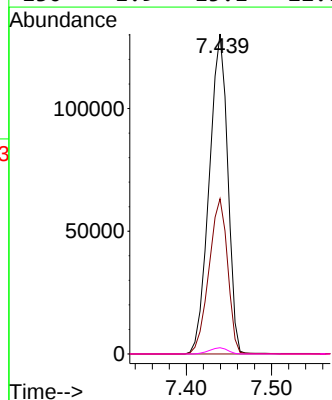
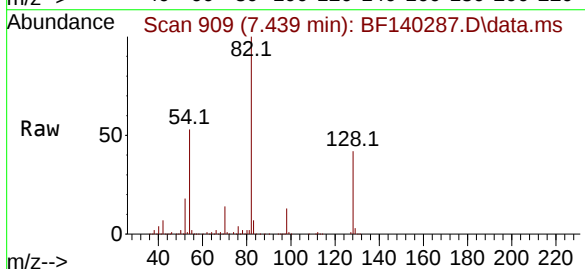
Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.2	27.2
71	38.1	30.9	46.3

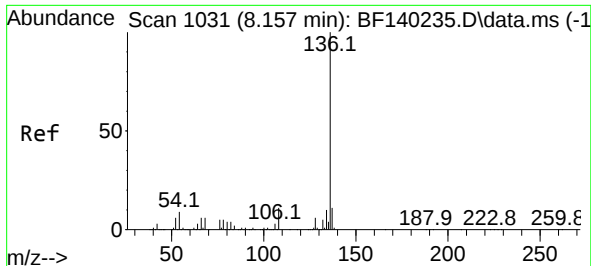


#19
n-Nitroso-di-n-propylamine
Concen: 22.004 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion: 70 Resp: 196762

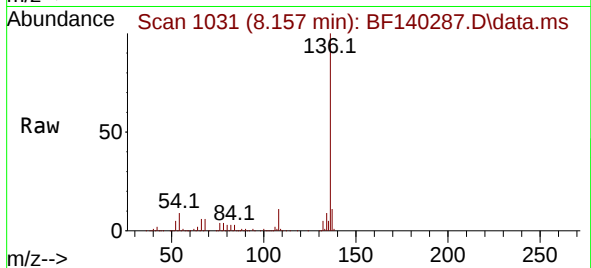
Ion	Ratio	Lower	Upper
70	100		
42	48.5	52.8	79.2#
101	0.0	7.4	11.2#
130	1.9	15.1	22.7#





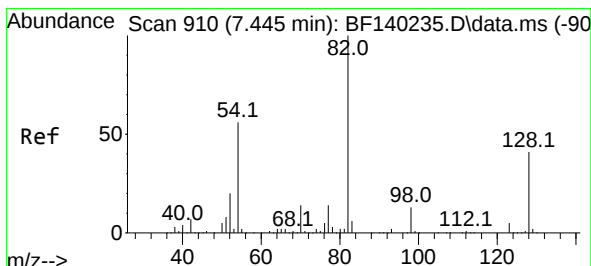
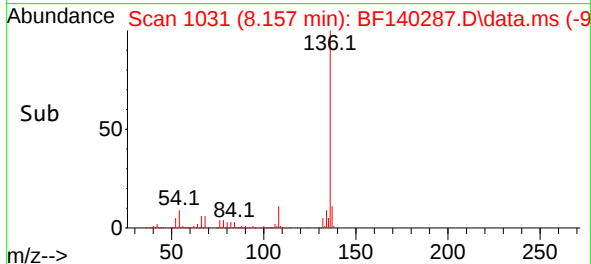
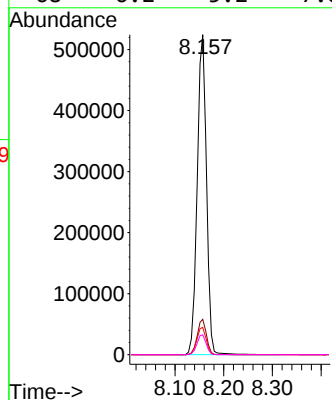
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164765BL



Tgt Ion:136 Resp: 699300

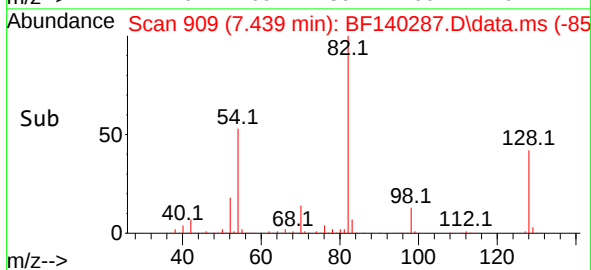
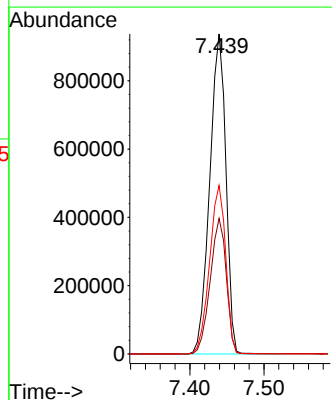
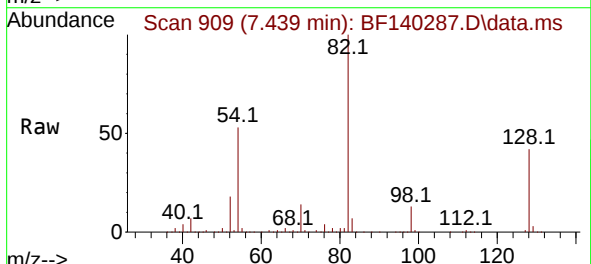
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.5	7.7	11.5
68	6.2	5.2	7.8

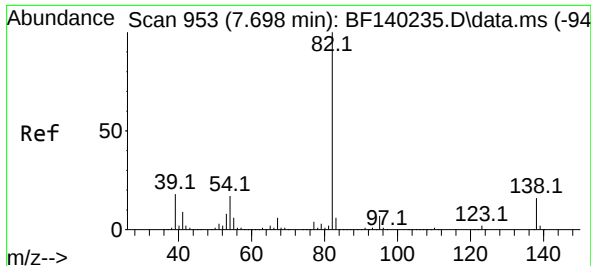


#23
Nitrobenzene-d5
Concen: 100.832 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

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

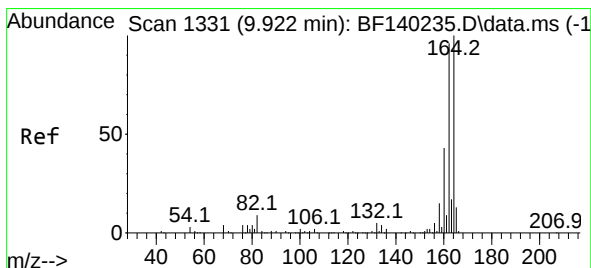
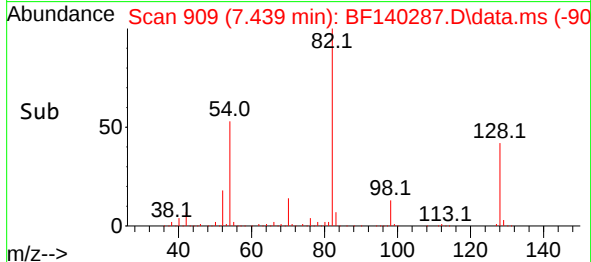
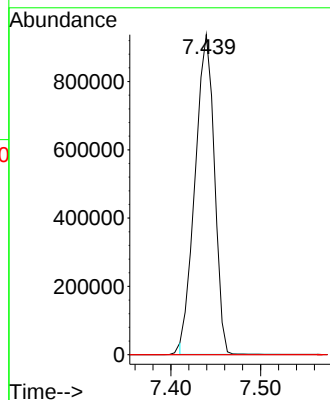
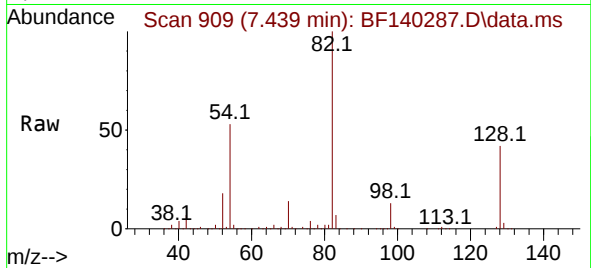




#25
Isophorone
Concen: 57.710 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

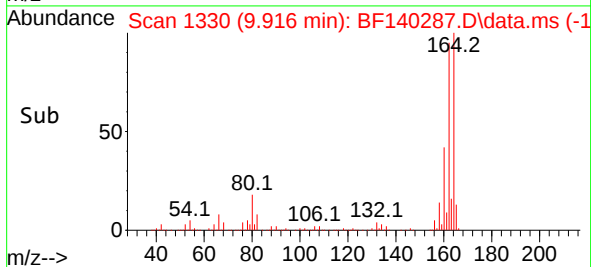
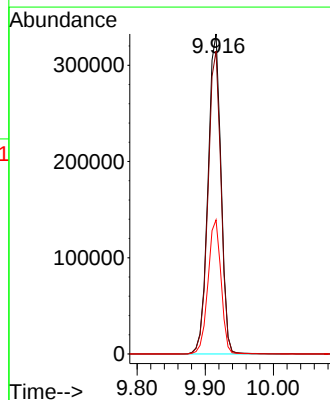
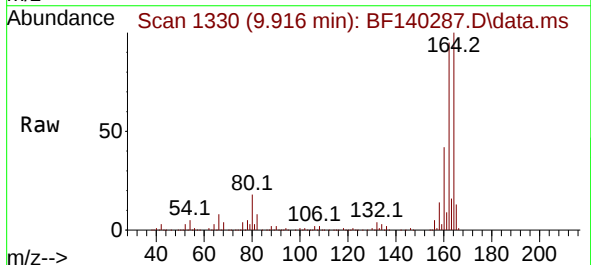
Instrument :
BNA_F
ClientSampleId :
PB164765BL

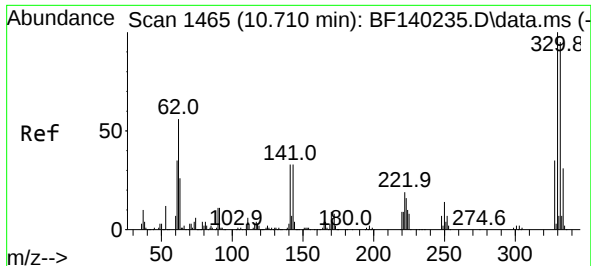
Tgt Ion: 82 Resp: 1397646
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 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

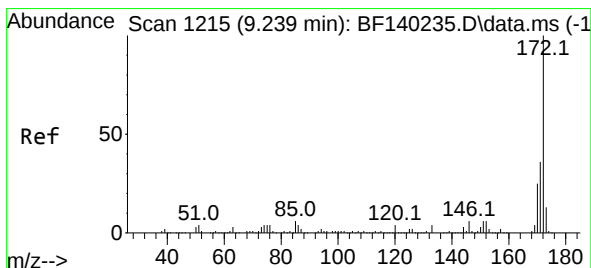
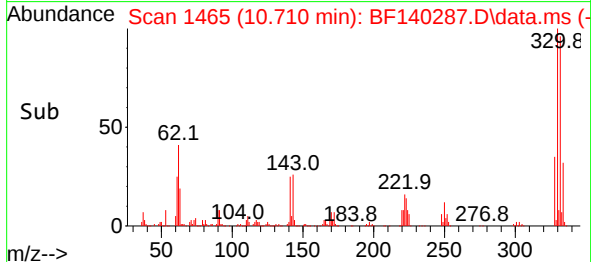
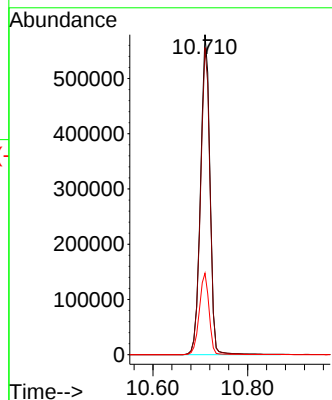
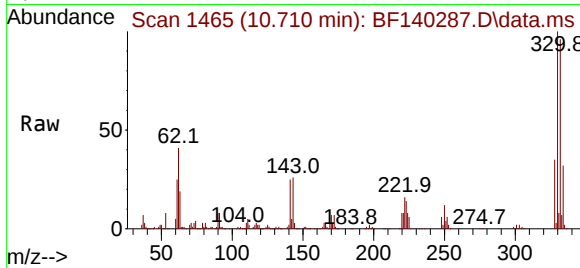




#42
2,4,6-Tribromophenol
Concen: 183.603 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

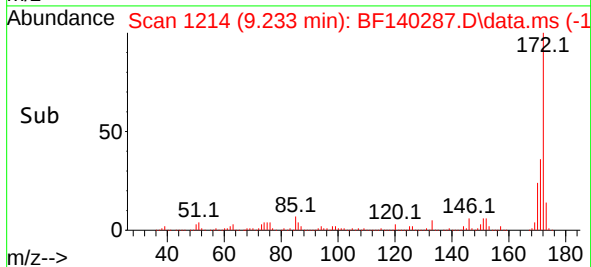
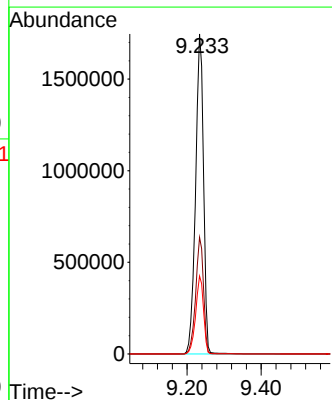
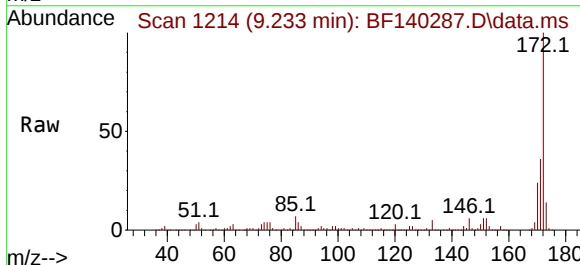
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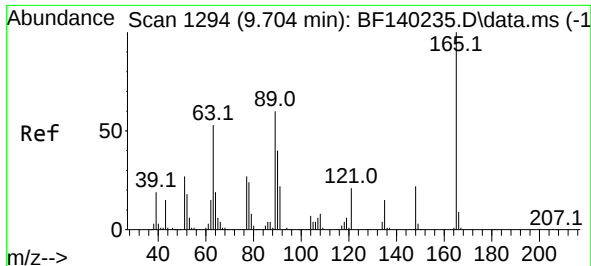
Tgt Ion:330 Resp: 801045
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 26.4 27.0 40.4#



#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

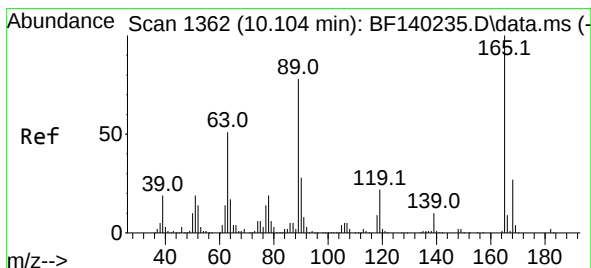
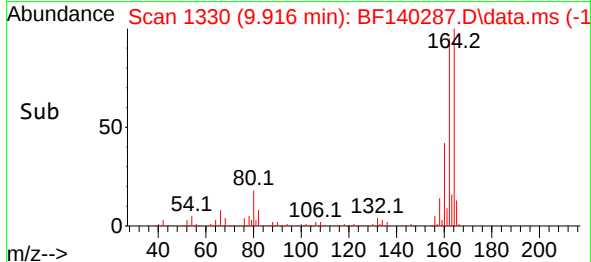
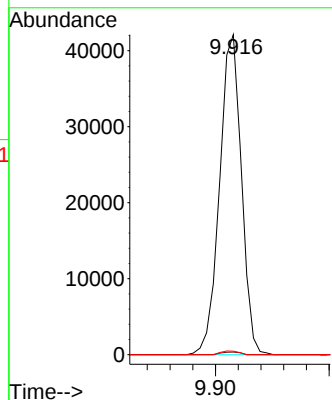
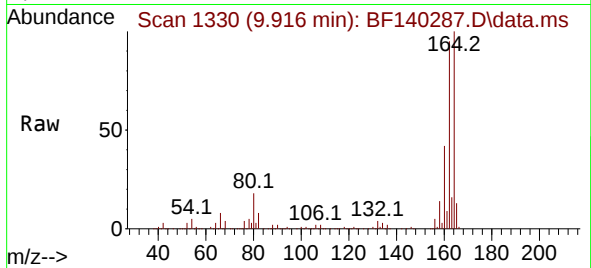




#51
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

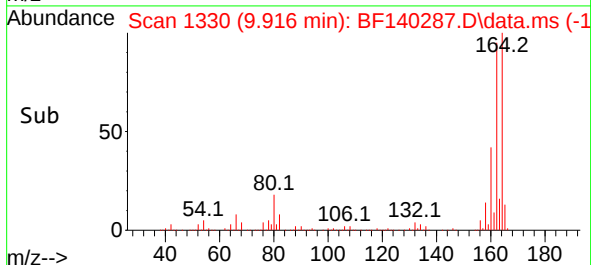
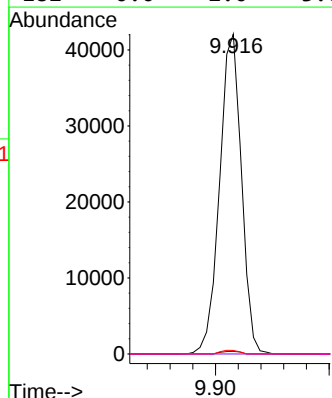
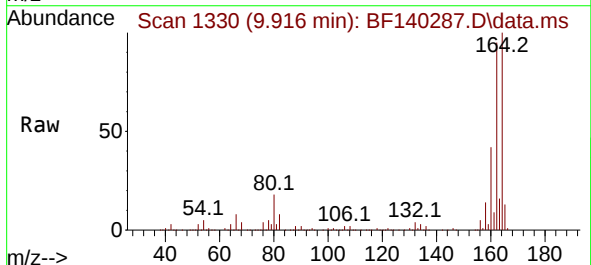
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ClientSampleId :
PB164765BL

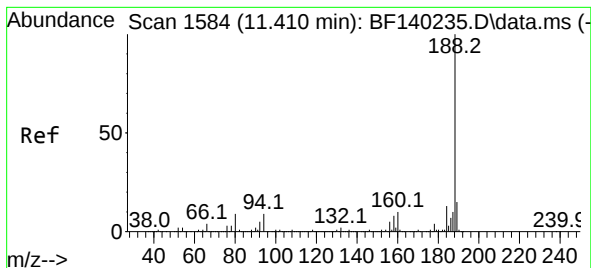
Tgt Ion:165 Resp: 56183
Ion Ratio Lower Upper
165 100
63 0.8 48.8 73.2#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Tgt Ion:165 Resp: 56183
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.1 62.6 94.0#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140287.D

Acq: 08 Nov 2024 10:02

Instrument :

BNA_F

ClientSampleId :

PB164765BL

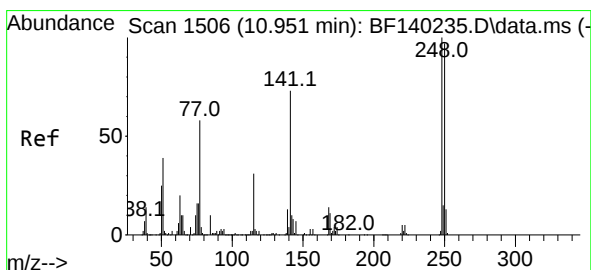
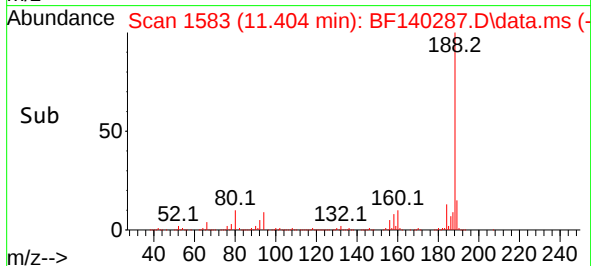
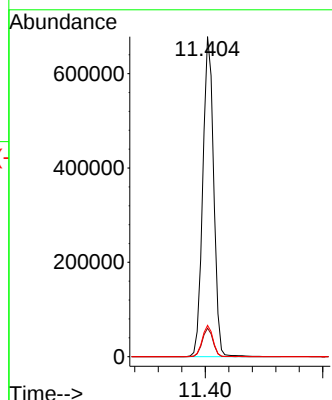
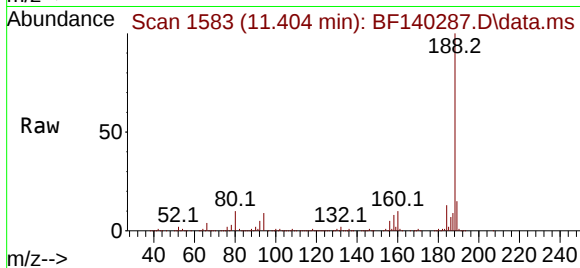
Tgt Ion:188 Resp: 869591

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 9.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 5.293 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.241 min

Lab File: BF140287.D

Acq: 08 Nov 2024 10:02

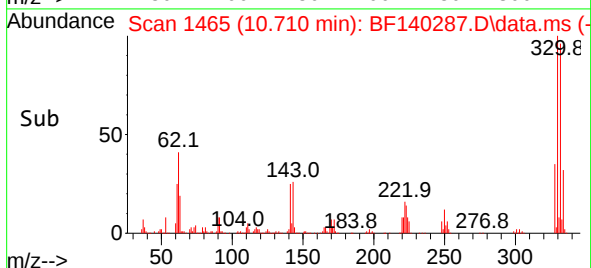
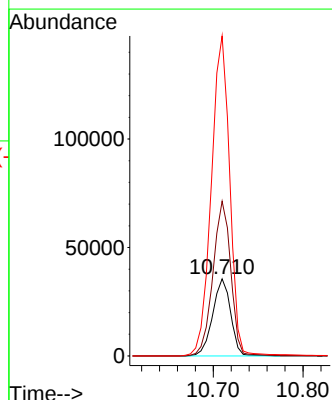
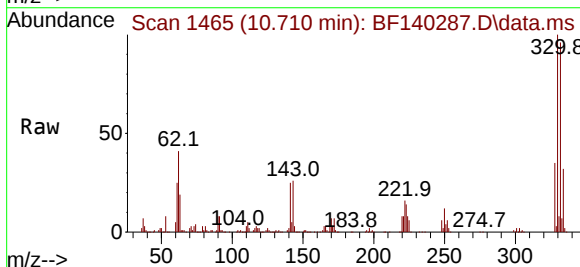
Tgt Ion:248 Resp: 49562

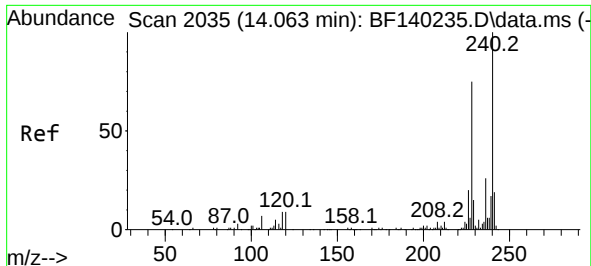
Ion Ratio Lower Upper

248 100

250 200.4 77.9 116.9#

141 414.7 58.6 88.0#

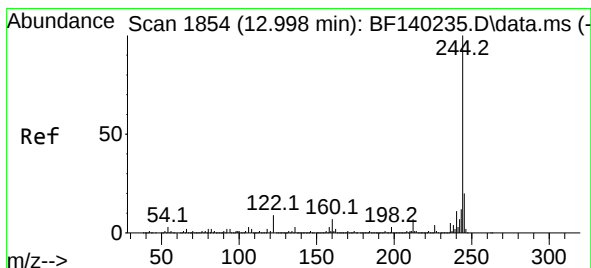
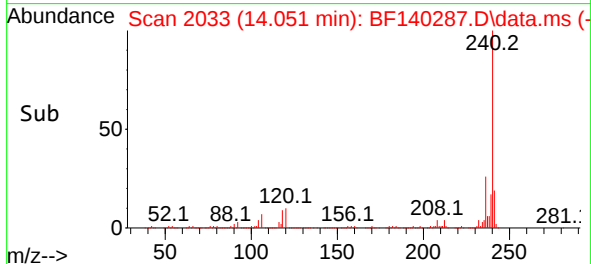
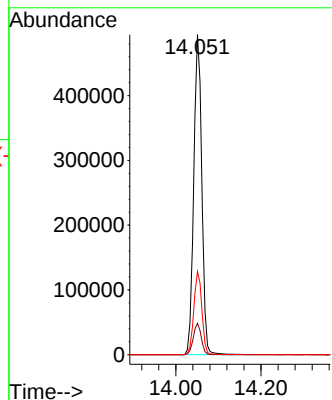
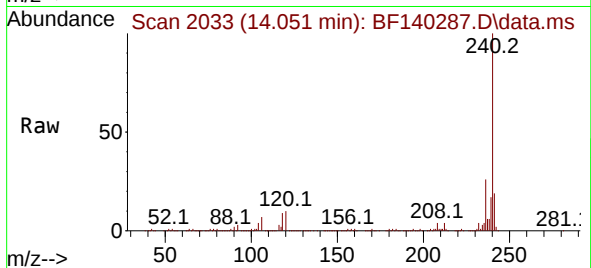




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

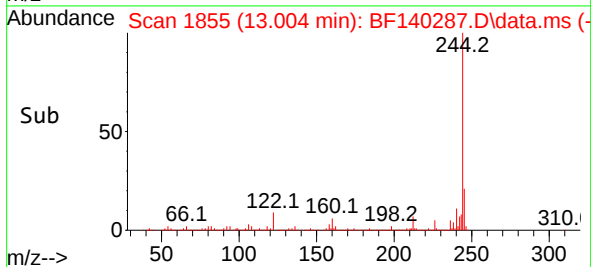
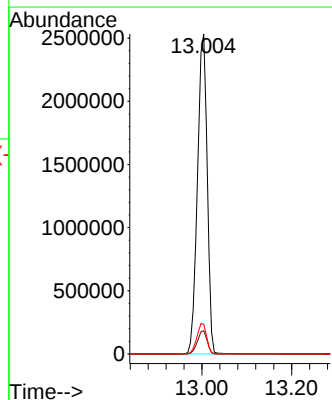
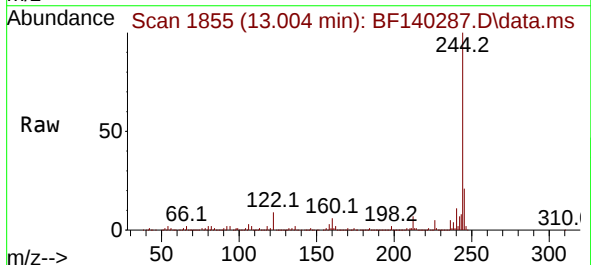
Instrument :
BNA_F
ClientSampleId :
PB164765BL

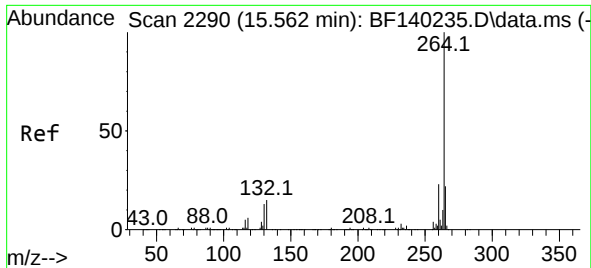
Tgt Ion:240 Resp: 647570
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 96.402 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

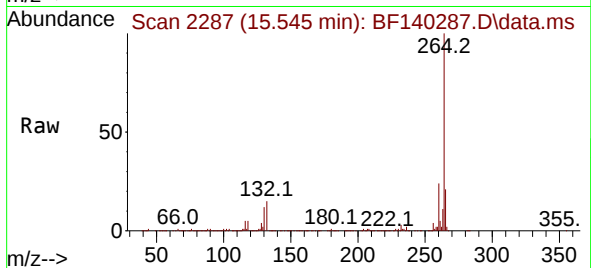
Tgt Ion:244 Resp: 3810856
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.3 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140287.D
Acq: 08 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164765BL



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

