

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140591.D
 Acq On : 25 Nov 2024 09:59
 Operator : RC/JU
 Sample : PB165123TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165123TB

Quant Time: Nov 25 10:35:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

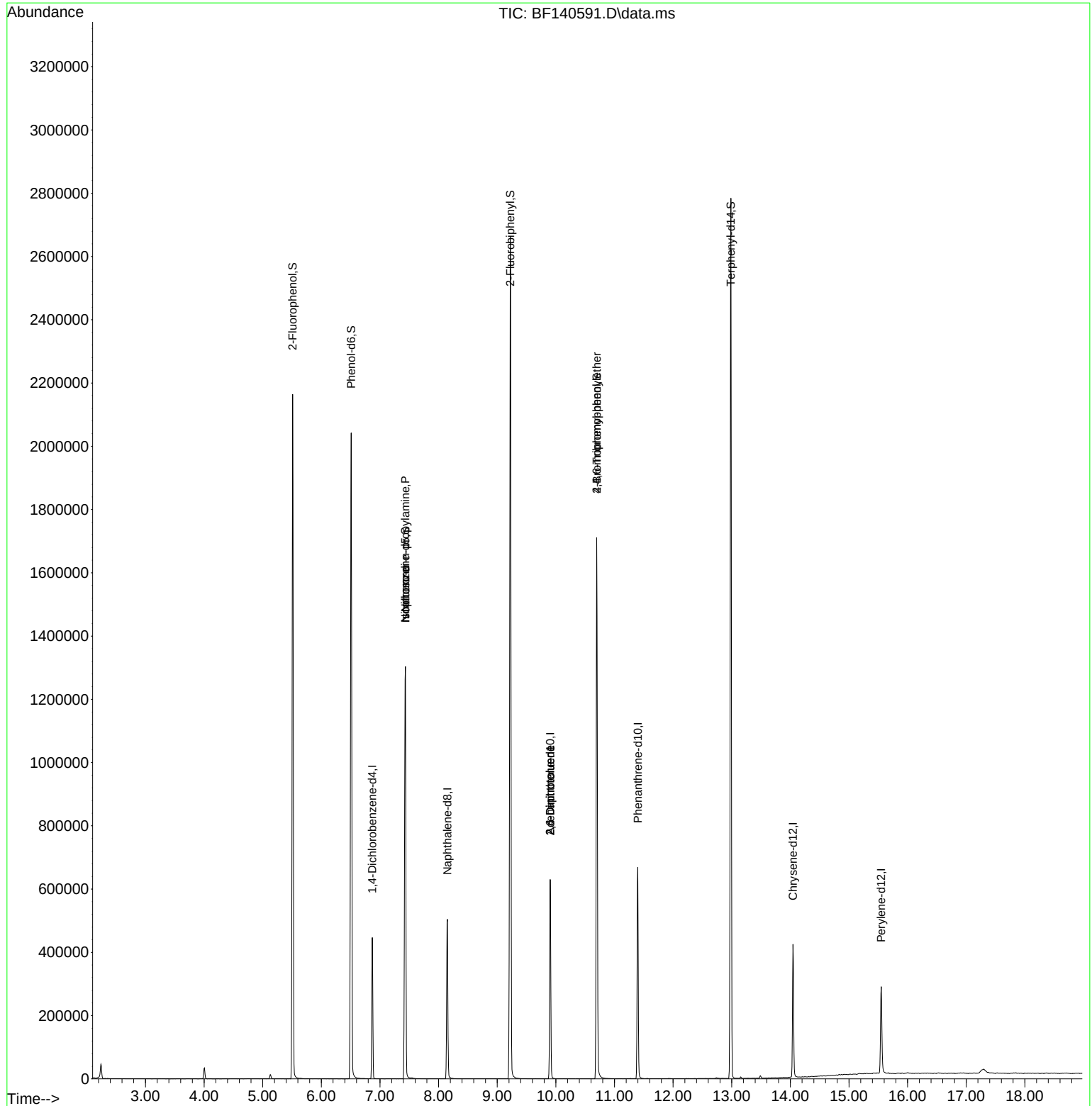
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93544	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358144	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202721	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	380338	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213022	20.000	ng	0.00
86) Perylene-d12	15.551	264	179936	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	817742	149.153	ng	0.01
7) Phenol-d6	6.510	99	1049336	144.775	ng	0.00
23) Nitrobenzene-d5	7.433	82	678473	96.900	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	310978	143.432	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1323675	97.286	ng	-0.01
79) Terphenyl-d14	12.986	244	1424626	104.136	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	92575	21.612	ng	# 75
25) Isophorone	7.433	82	669266	57.308	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	25671	8.478	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	25671	6.379	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19907	5.082	ng	# 1

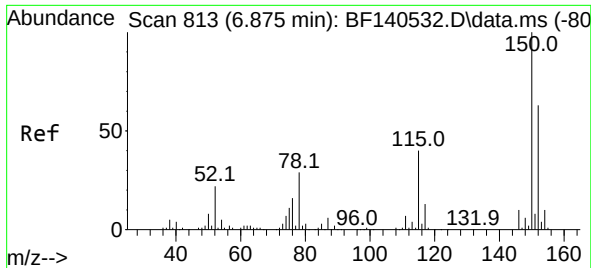
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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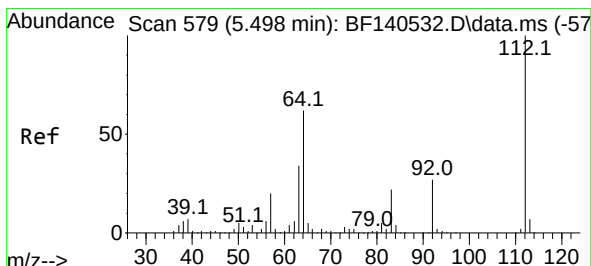
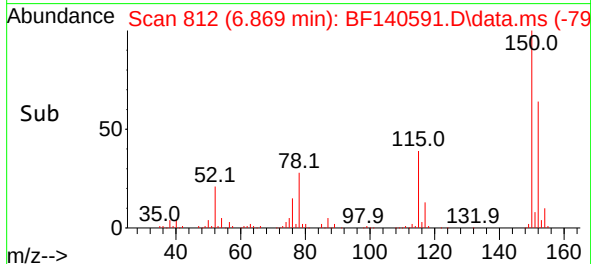
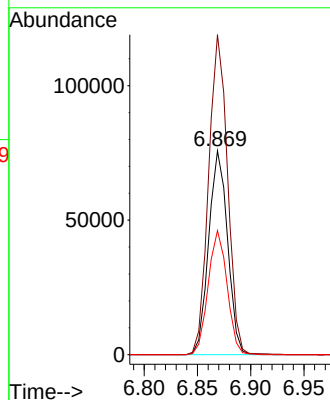
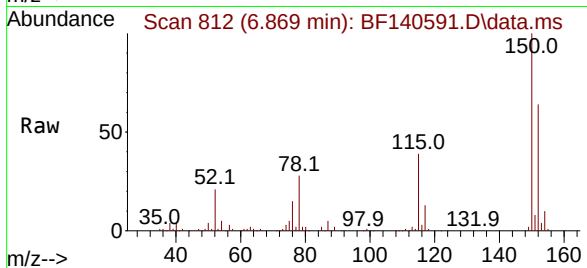




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

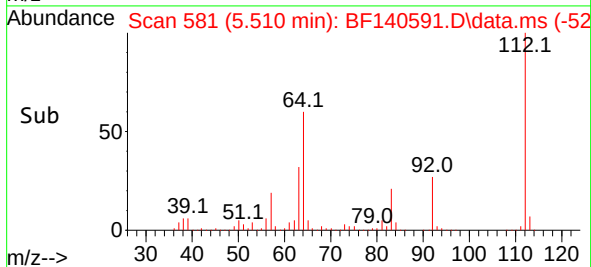
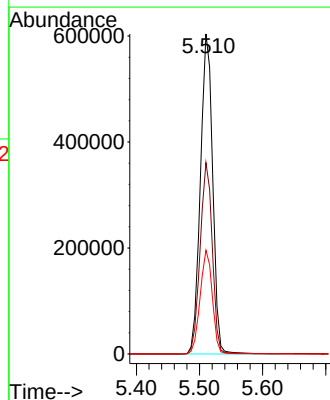
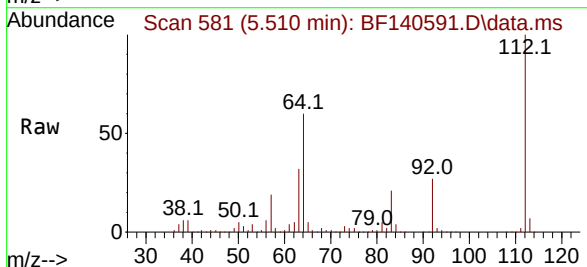
Instrument :
BNA_F
ClientSampleId :
PB165123TB

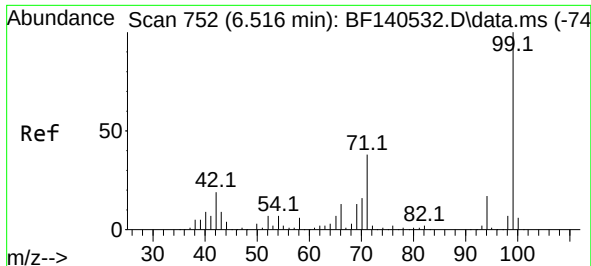
Tgt Ion:152 Resp: 93544
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 149.153 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

Tgt Ion:112 Resp: 817742
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.4 27.0 40.4





#7

Phenol-d6

Concen: 144.775 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

Instrument :

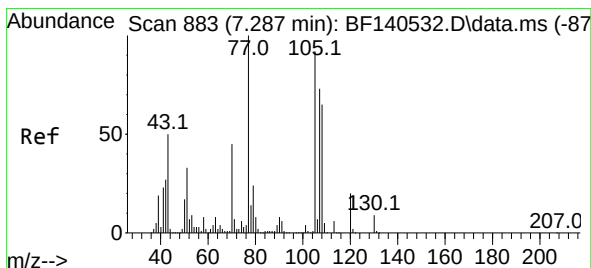
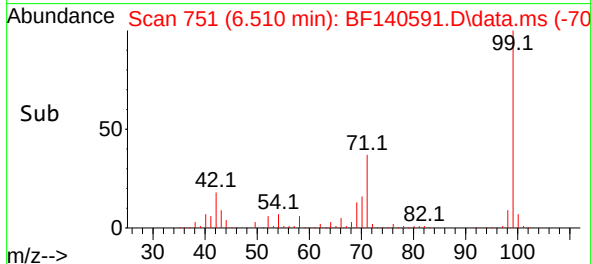
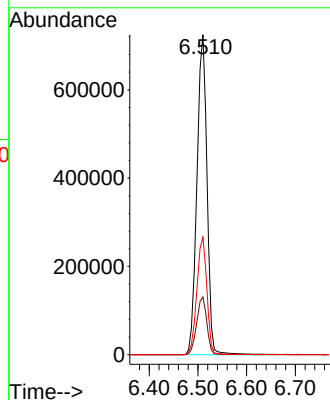
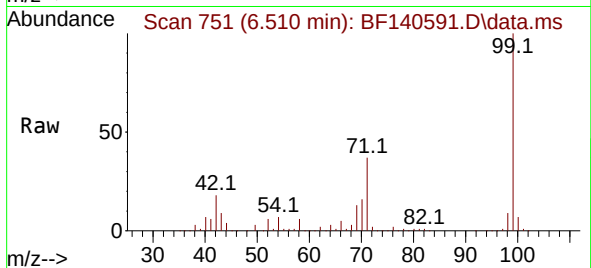
BNA_F

ClientSampleId :

PB165123TB

Tgt Ion: 99 Resp: 1049336

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	36.7	30.6	46.0



#19

n-Nitroso-di-n-propylamine

Concen: 21.612 ng

RT: 7.433 min Scan# 908

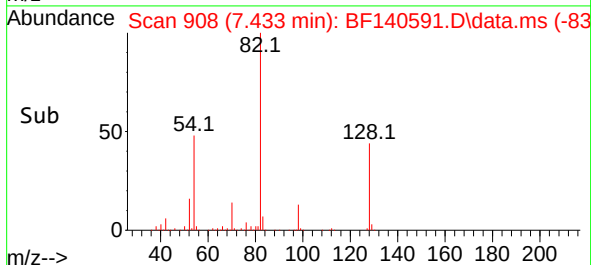
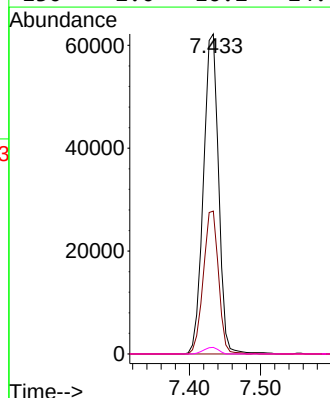
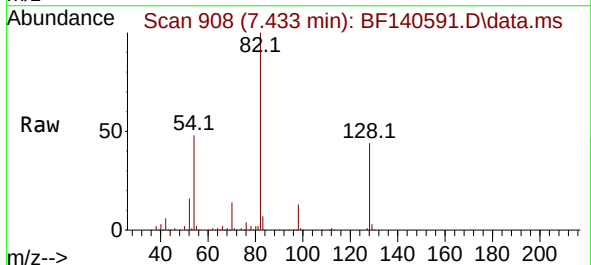
Delta R.T. 0.147 min

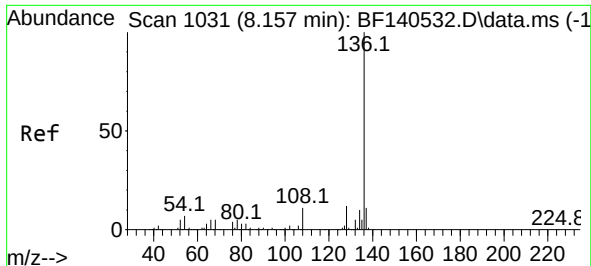
Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

Tgt Ion: 70 Resp: 92575

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.6	71.4#
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#

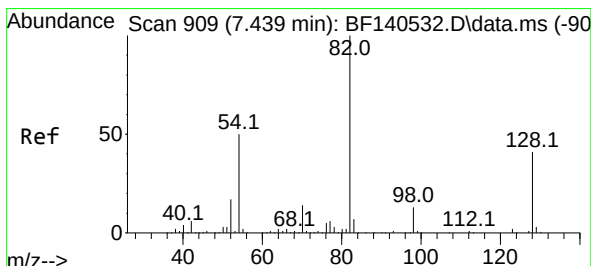
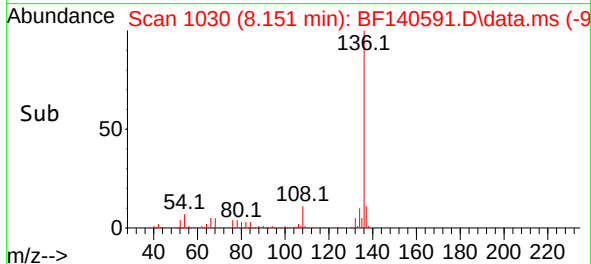
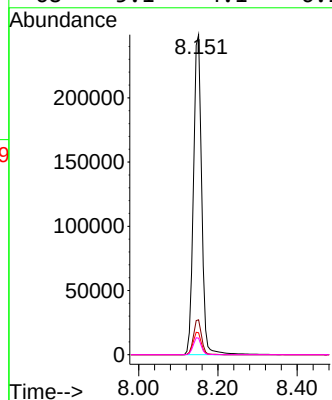
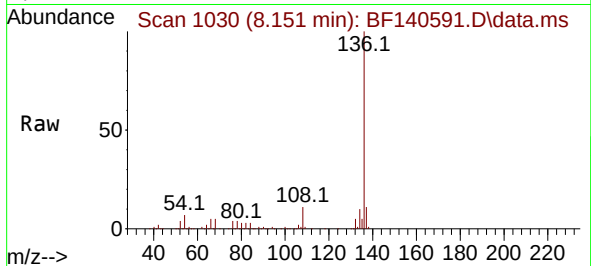




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

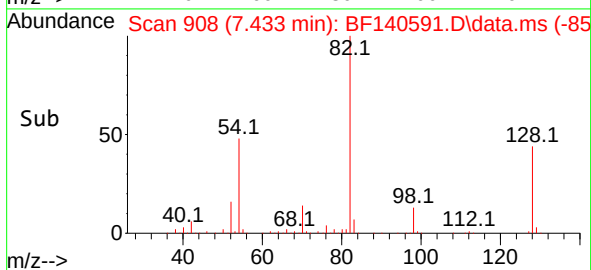
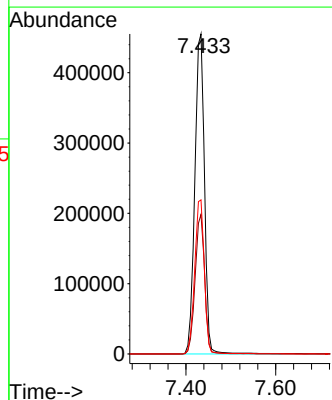
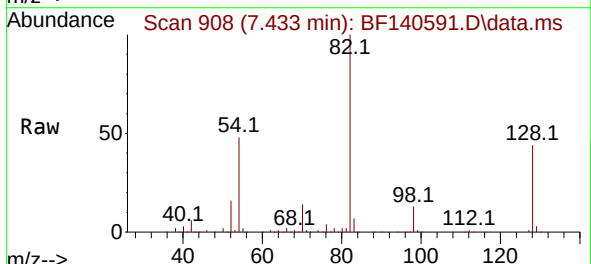
Instrument :
BNA_F
ClientSampleId :
PB165123TB

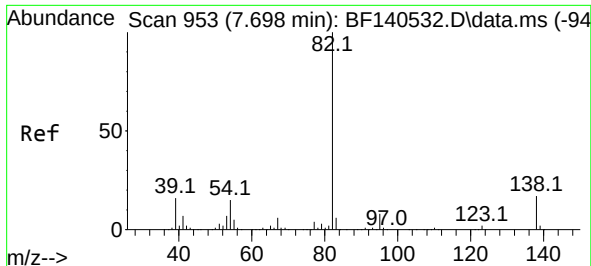
Tgt Ion:136 Resp: 358144
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 96.900 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

Tgt Ion: 82 Resp: 678473
Ion Ratio Lower Upper
82 100
128 43.6 33.0 49.4
54 48.1 39.5 59.3

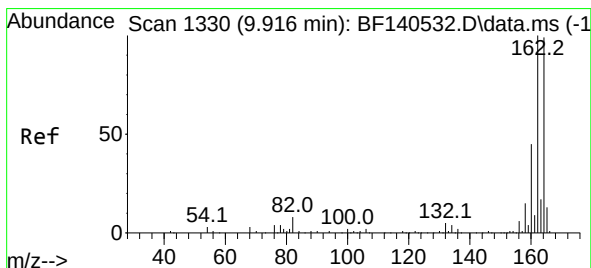
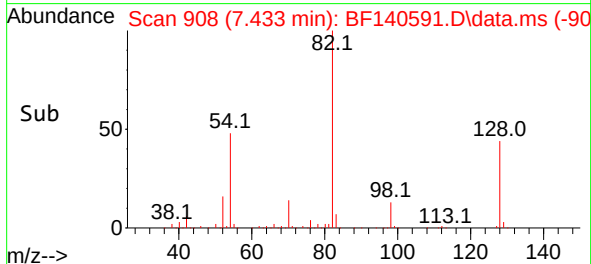
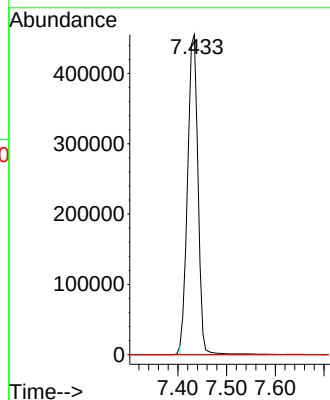
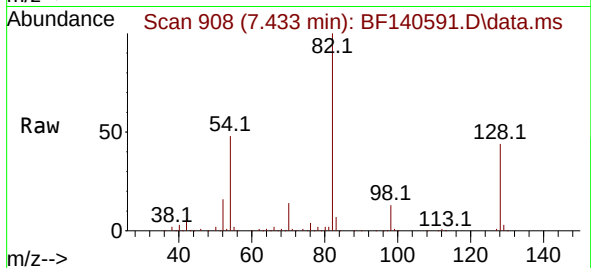




#25
Isophorone
Concen: 57.308 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

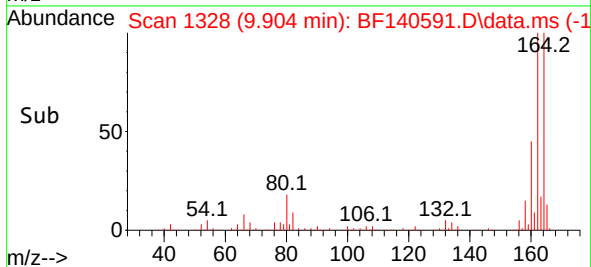
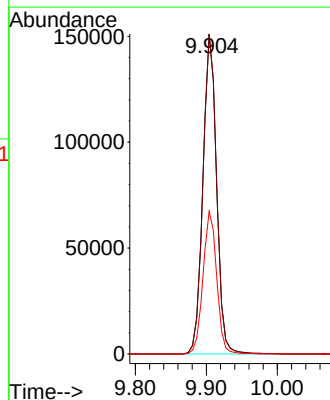
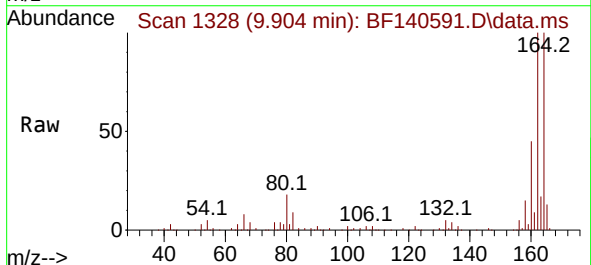
Instrument :
BNA_F
ClientSampleId :
PB165123TB

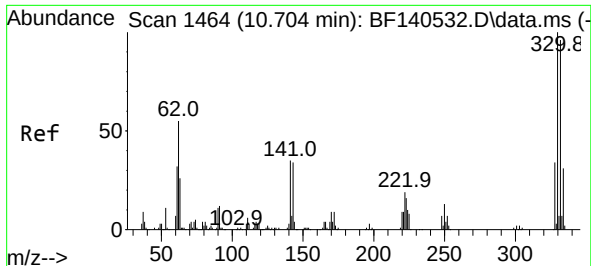
Tgt Ion: 82 Resp: 669266
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140591.D
Acq: 25 Nov 2024 09:59

Tgt Ion:164 Resp: 202721
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 143.432 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140591.D

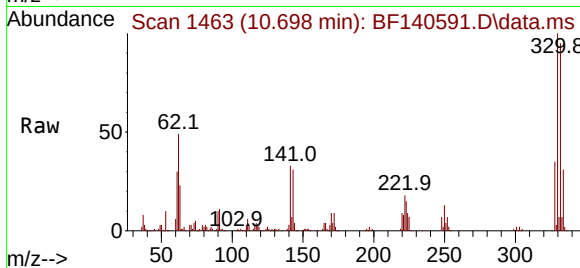
Acq: 25 Nov 2024 09:59

Instrument :

BNA_F

ClientSampleId :

PB165123TB



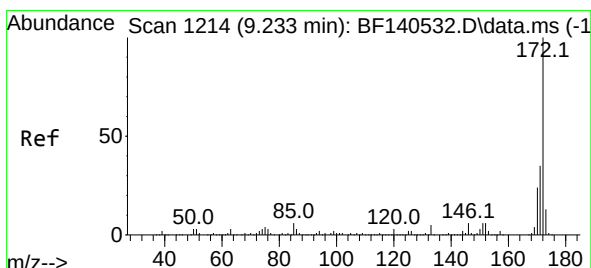
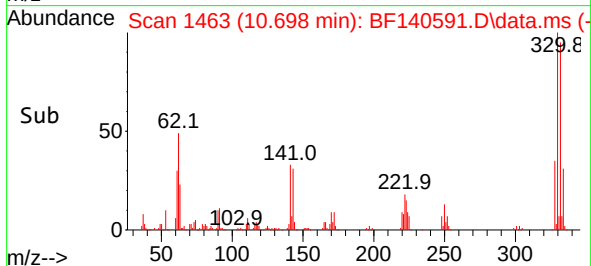
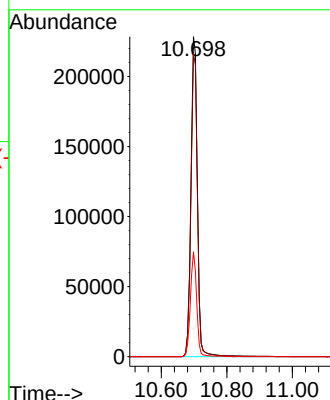
Tgt Ion:330 Resp: 310978

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 32.1 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 97.286 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

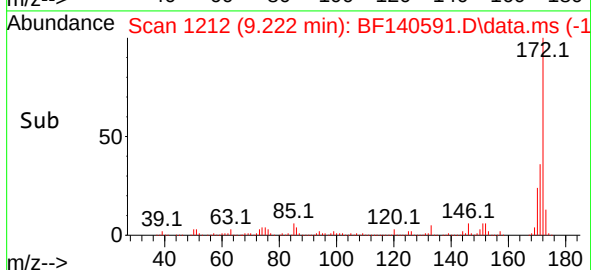
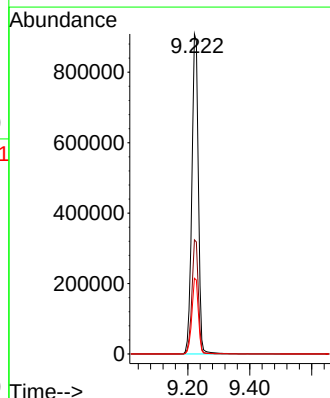
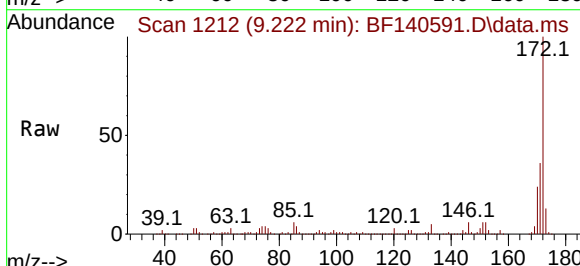
Tgt Ion:172 Resp: 1323675

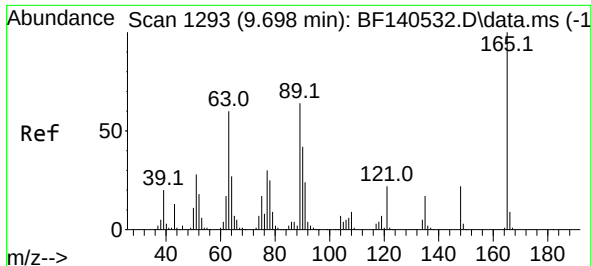
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.478 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

Instrument :

BNA_F

ClientSampleId :

PB165123TB

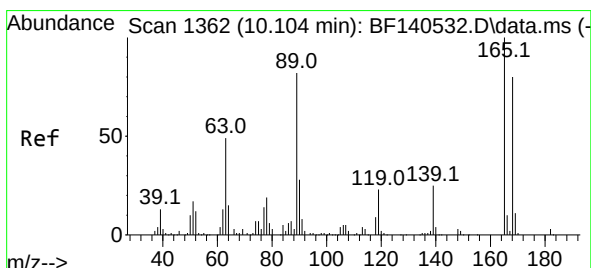
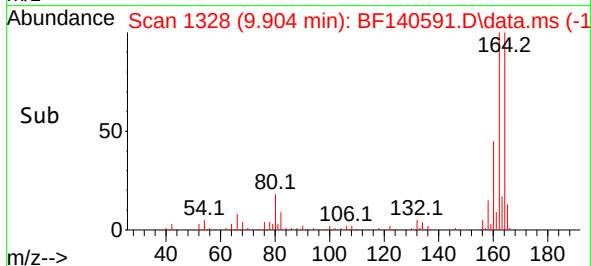
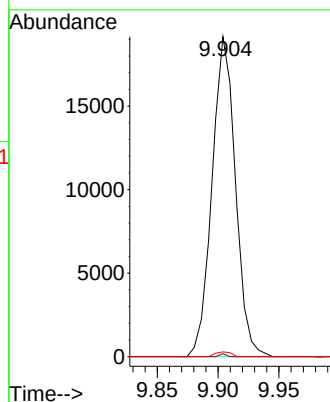
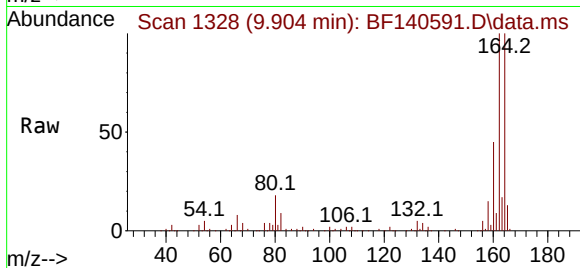
Tgt Ion:165 Resp: 25671

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.5 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.379 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

Tgt Ion:165 Resp: 25671

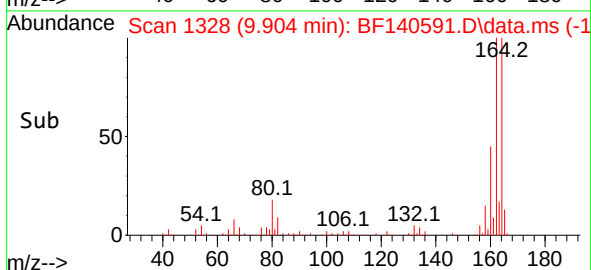
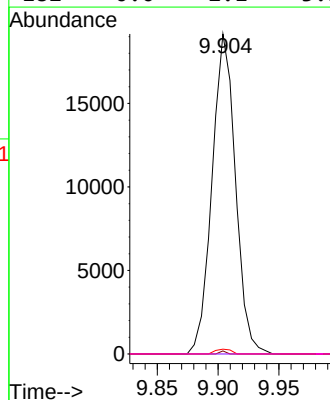
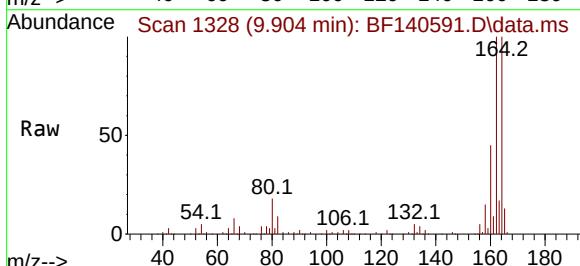
Ion Ratio Lower Upper

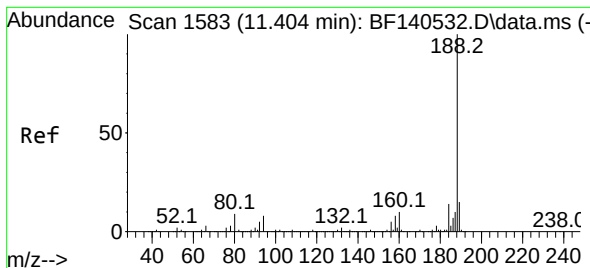
165 100

63 1.0 41.7 62.5#

89 1.5 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

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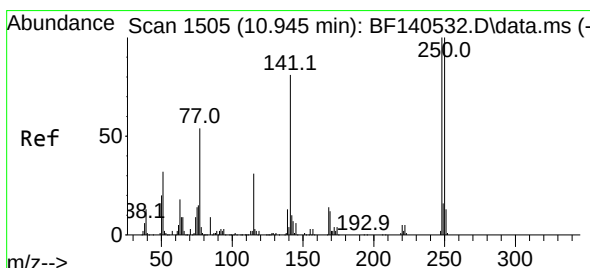
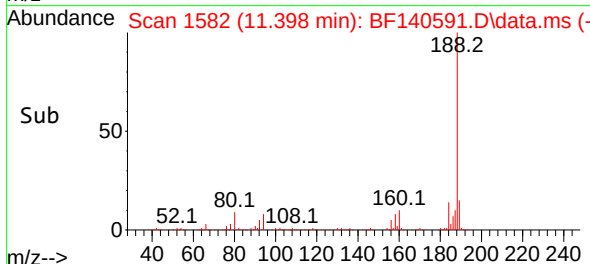
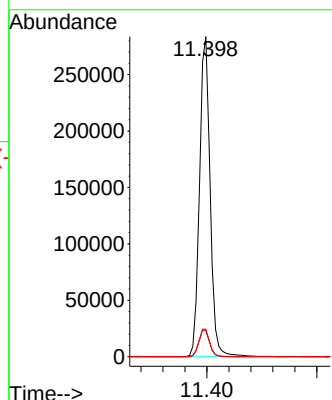
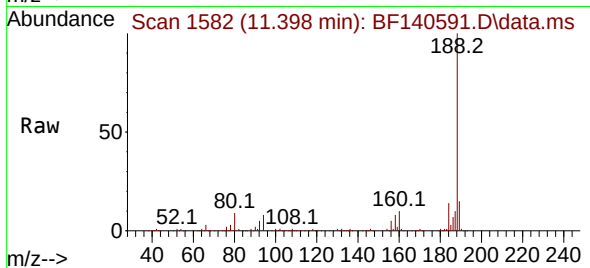
Tgt Ion:188 Resp: 380338

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.082 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

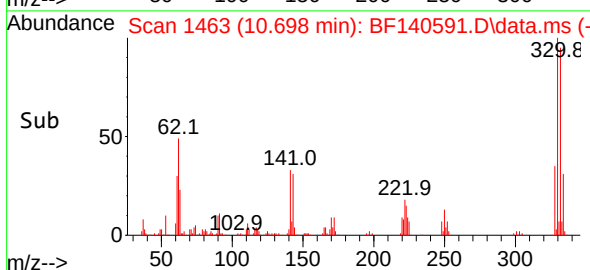
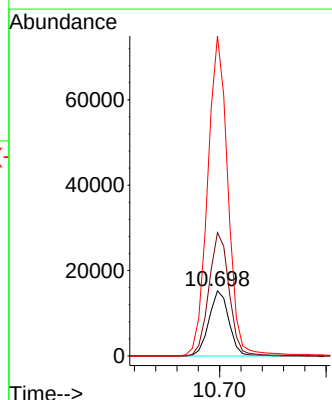
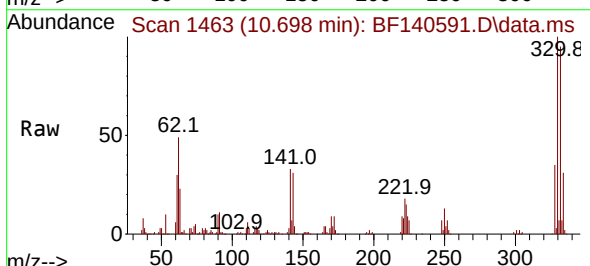
Tgt Ion:248 Resp: 19907

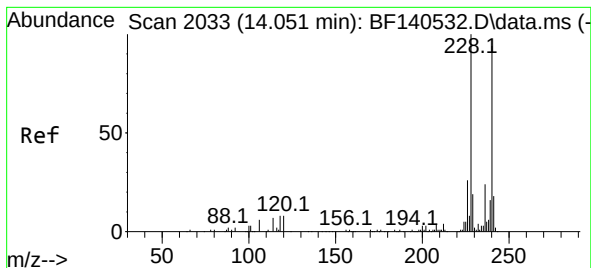
Ion Ratio Lower Upper

248 100

250 189.5 79.8 119.8#

141 491.7 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

Instrument :

BNA_F

ClientSampleId :

PB165123TB

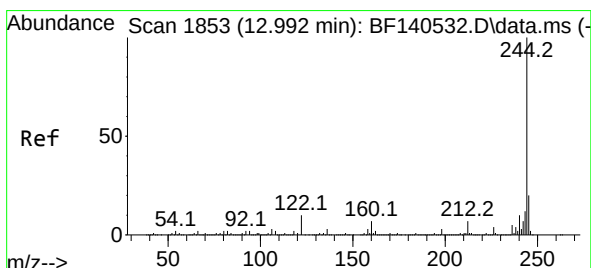
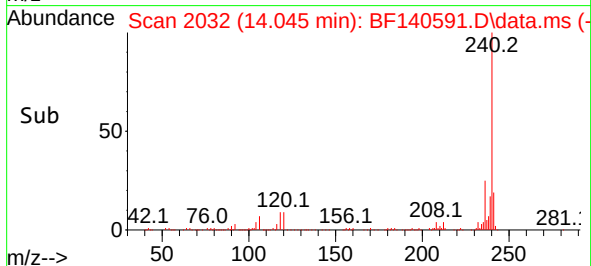
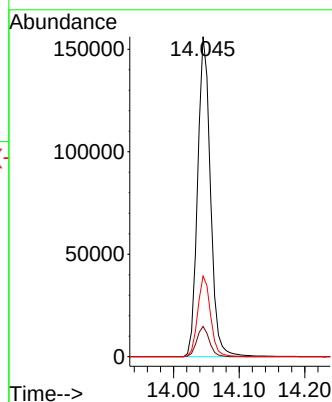
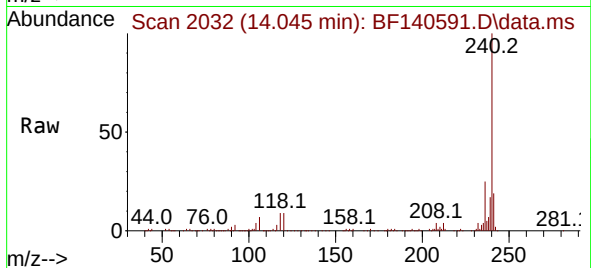
Tgt Ion:240 Resp: 213022

Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.2 20.6 31.0



#79

Terphenyl-d14

Concen: 104.136 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140591.D

Acq: 25 Nov 2024 09:59

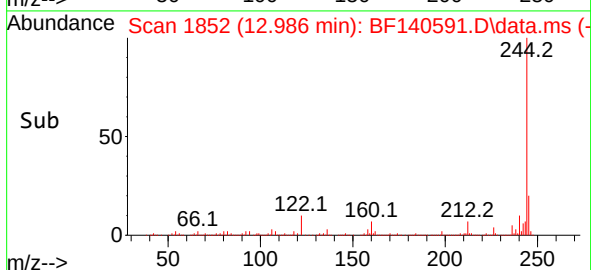
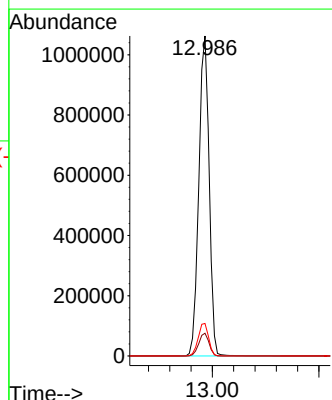
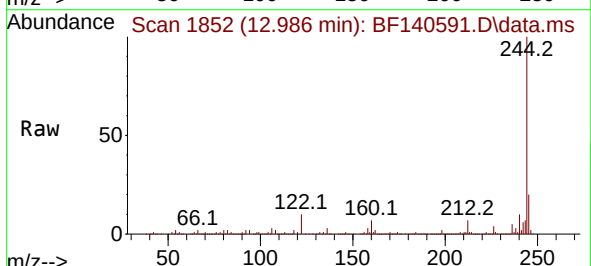
Tgt Ion:244 Resp: 1424626

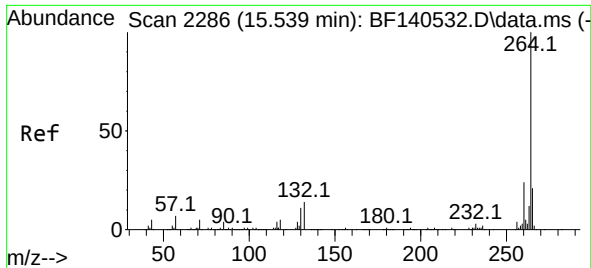
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140591.D
 Acq: 25 Nov 2024 09:59

Instrument :
 BNA_F
 ClientSampleId :
 PB165123TB

Tgt Ion:264 Resp: 179936
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.5 16.6 25.0

