

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139631.D
 Acq On : 03 Oct 2024 15:05
 Operator : RC/JU
 Sample : PB163746TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163746TB

Quant Time: Oct 03 15:49:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

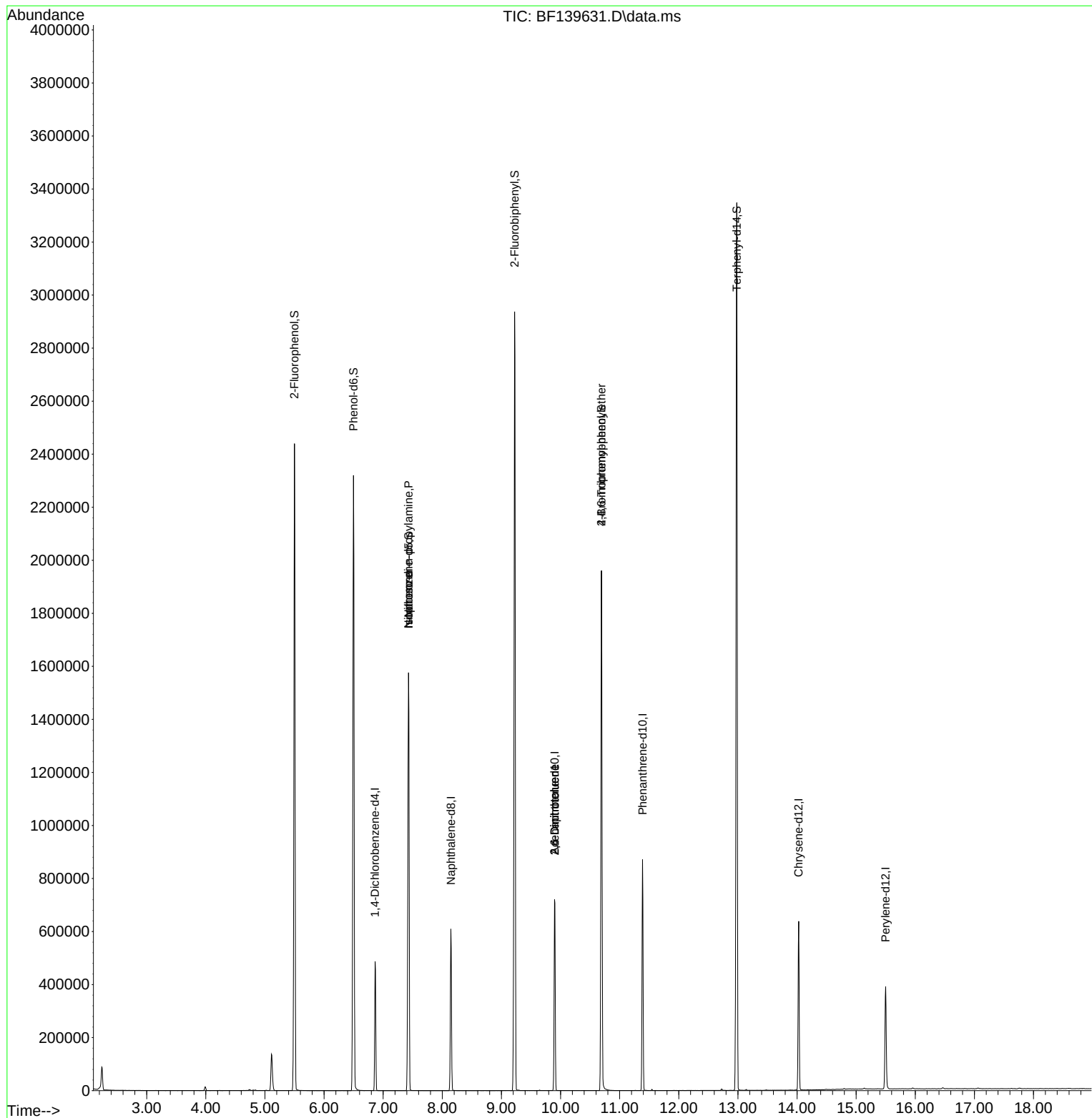
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	100085	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	382102	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	221911	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	450235	20.000	ng	0.00
76) Chrysene-d12	14.027	240	296016	20.000	ng	0.00
86) Perylene-d12	15.498	264	226702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	870786	150.800	ng	0.01
7) Phenol-d6	6.498	99	1139477	146.738	ng	0.00
23) Nitrobenzene-d5	7.428	82	750753	99.478	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	320978	149.836	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1392358	96.324	ng	0.00
79) Terphenyl-d14	12.980	244	1780499	98.694	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	102646	20.560	ng	# 76
25) Isophorone	7.428	82	746707	55.707	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	28656	8.733	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	28656	6.681	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	21391	4.634	ng	# 1

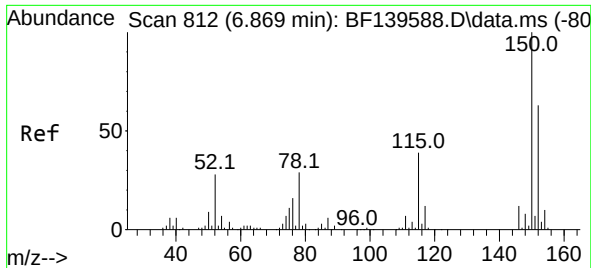
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

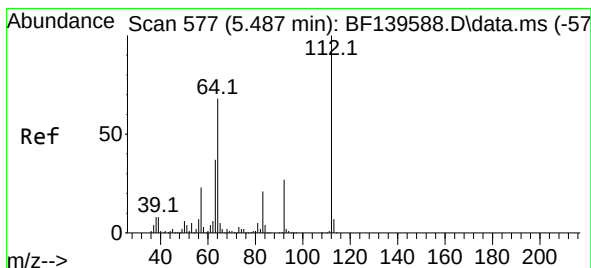
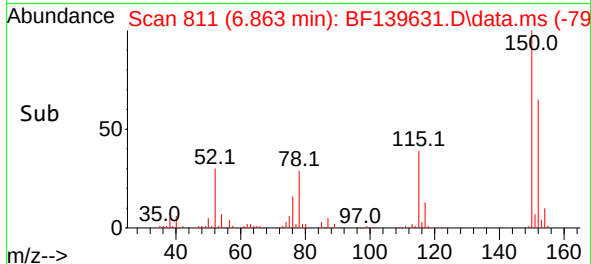
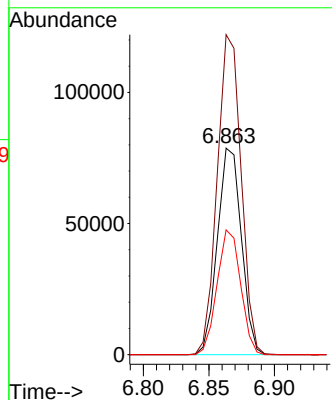
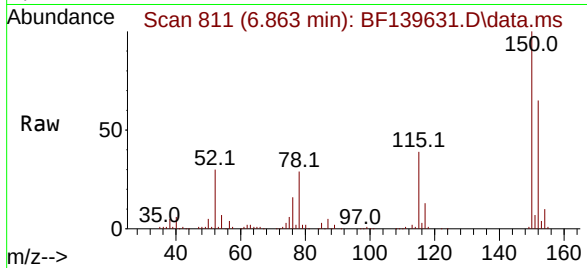




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

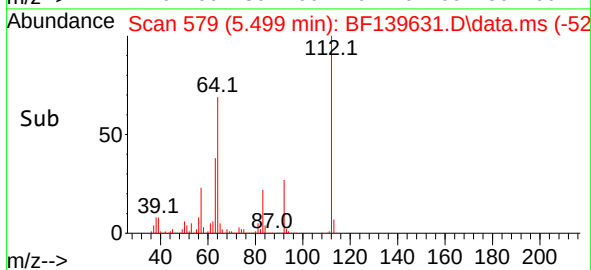
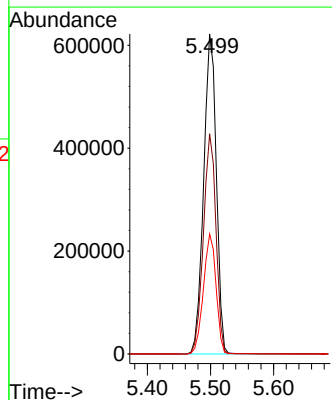
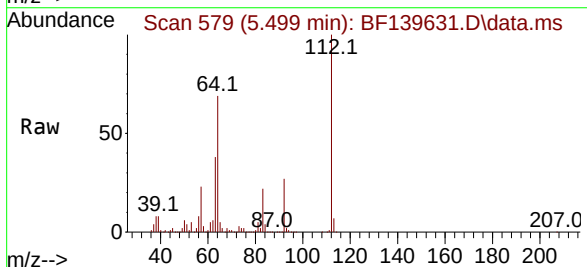
Instrument :
BNA_F
ClientSampleId :
PB163746TB

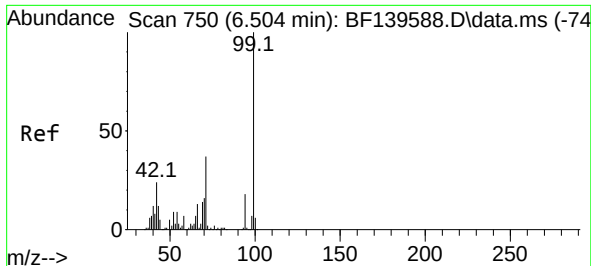
Tgt Ion:152 Resp: 100085
Ion Ratio Lower Upper
152 100
150 154.9 127.2 190.8
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 150.800 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Tgt Ion:112 Resp: 870786
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 37.5 29.4 44.2

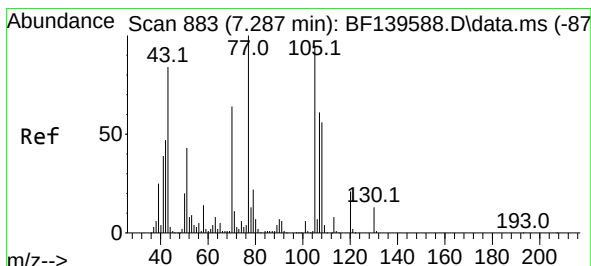
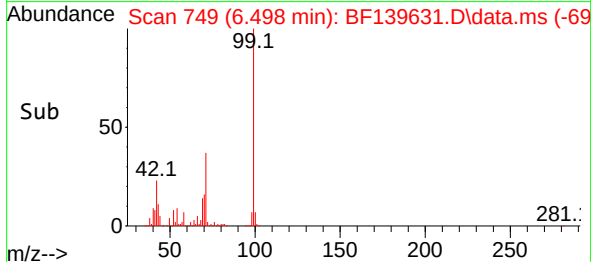
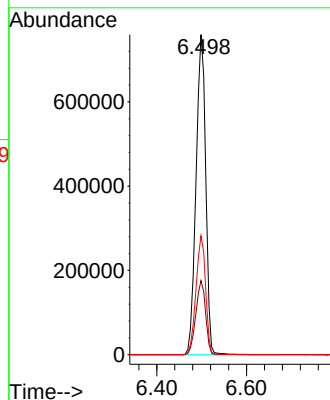
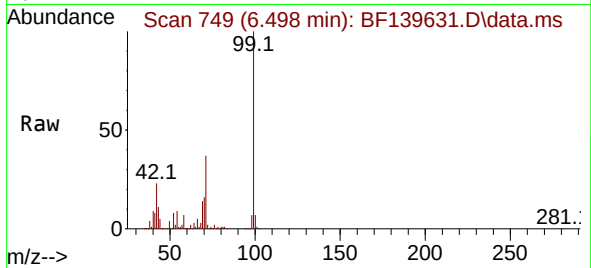




#7
Phenol-d6
Concen: 146.738 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

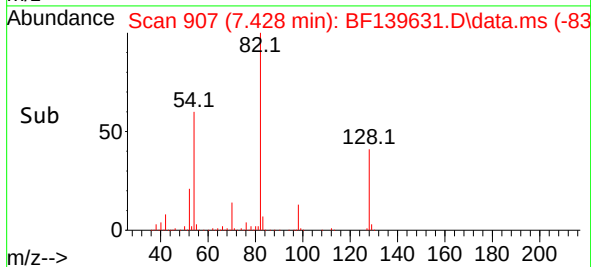
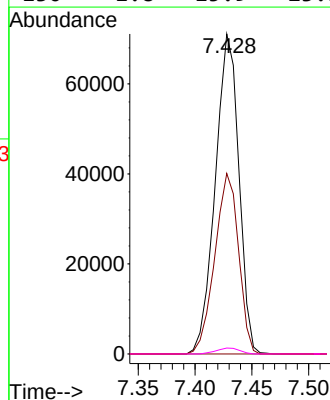
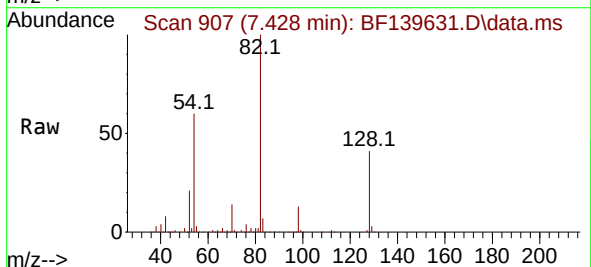
Instrument :
BNA_F
ClientSampleId :
PB163746TB

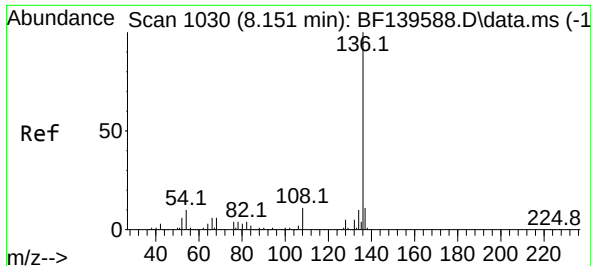
Tgt Ion: 99 Resp: 1139477
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 37.2 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.560 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Tgt Ion: 70 Resp: 102646
Ion Ratio Lower Upper
70 100
42 56.4 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

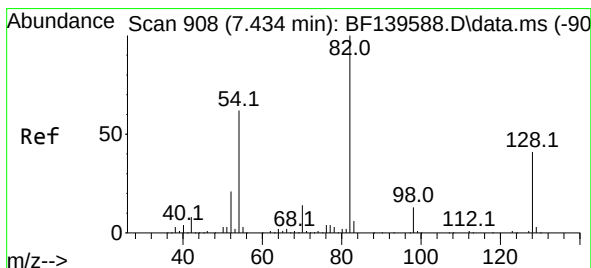
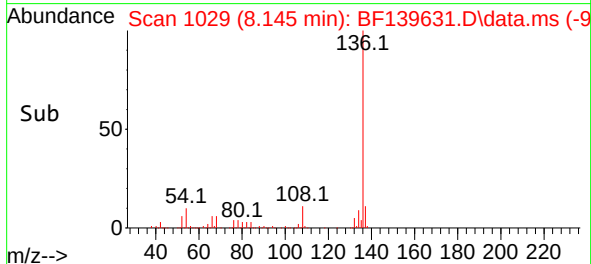
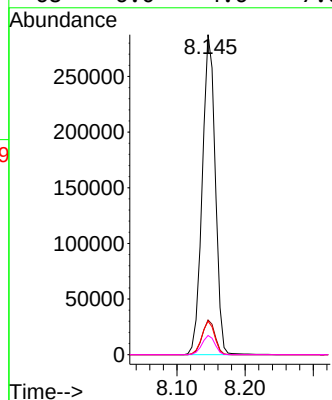
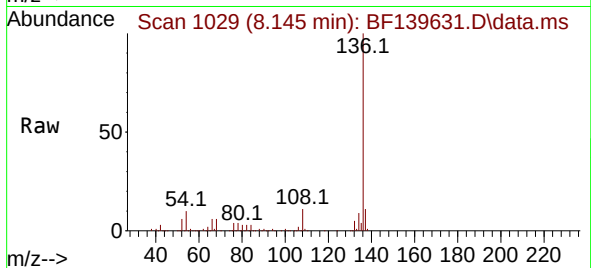
Instrument :

BNA_F

ClientSampleId :

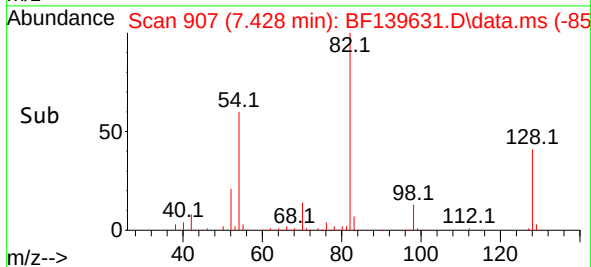
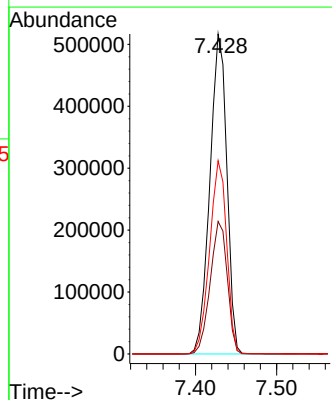
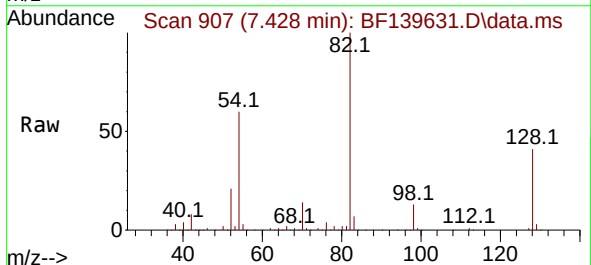
PB163746TB

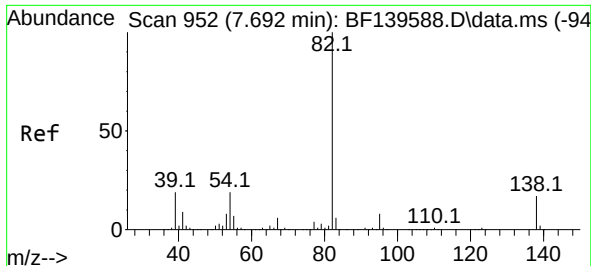
Tgt Ion:136 Resp: 382102
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.5 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 99.478 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Tgt Ion: 82 Resp: 750753
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 60.4 49.1 73.7

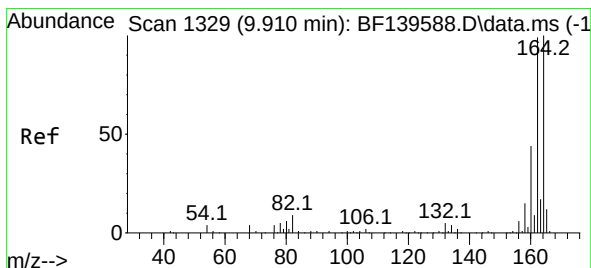
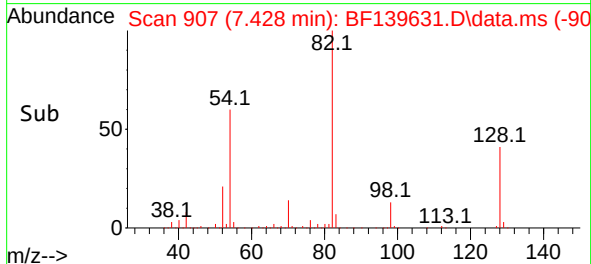
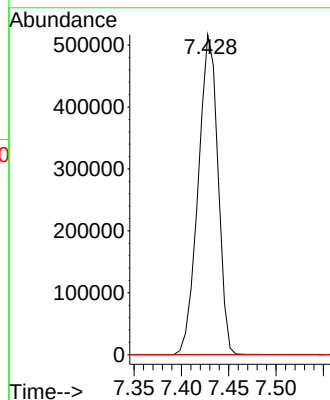
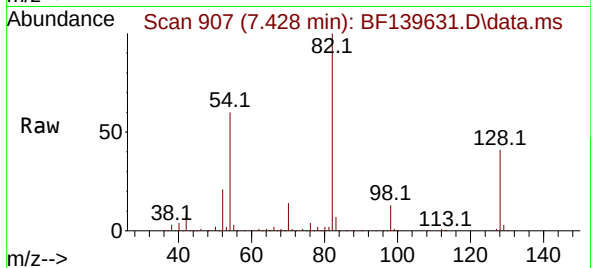




#25
Isophorone
Concen: 55.707 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

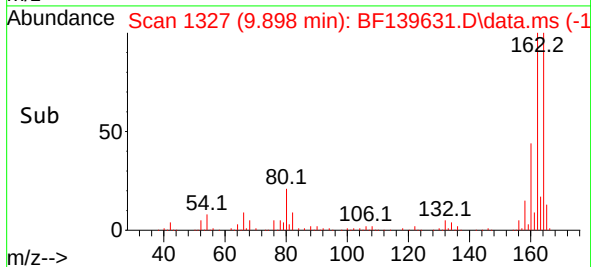
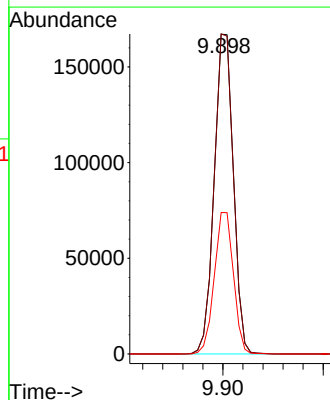
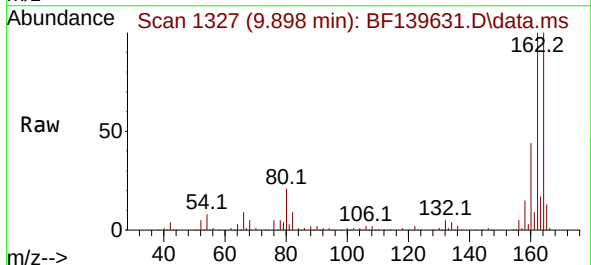
Instrument :
BNA_F
ClientSampleId :
PB163746TB

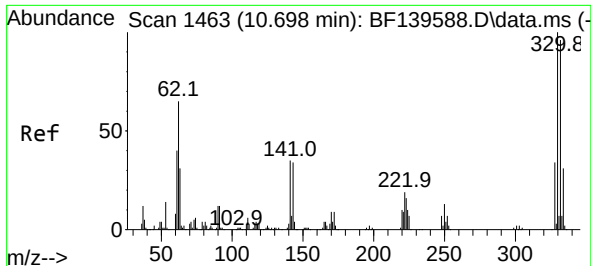
Tgt Ion: 82 Resp: 746707
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Tgt Ion:164 Resp: 221911
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 149.836 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139631.D

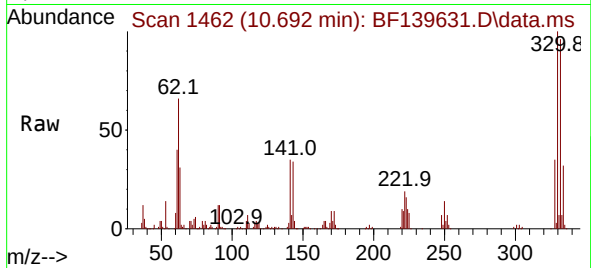
Acq: 03 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB163746TB



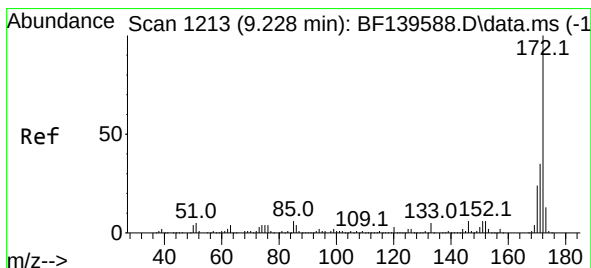
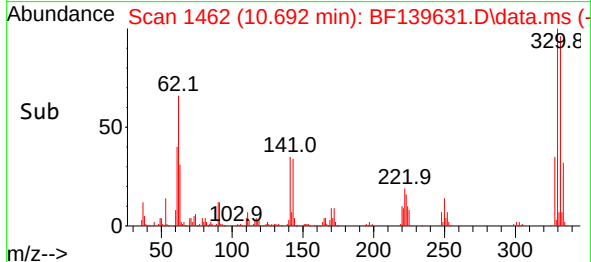
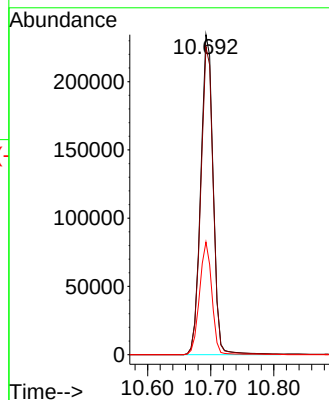
Tgt Ion:330 Resp: 320978

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

141 34.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 96.324 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139631.D

Acq: 03 Oct 2024 15:05

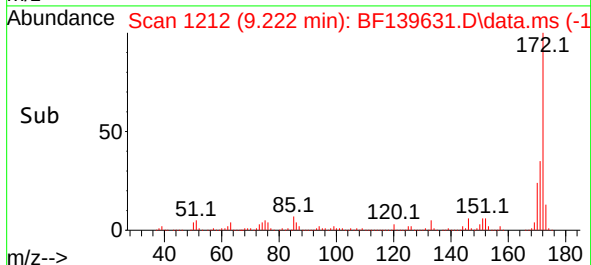
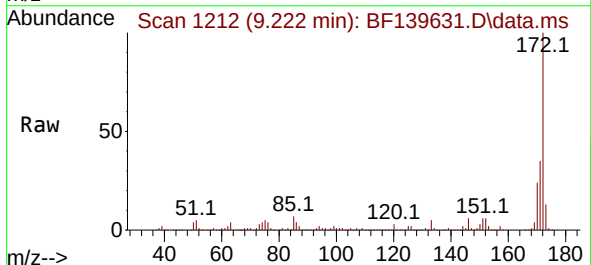
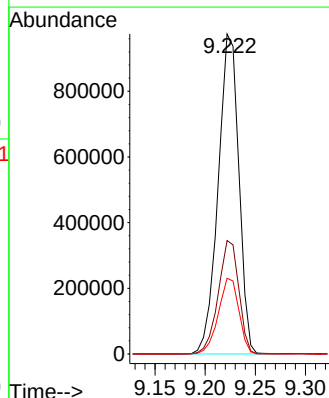
Tgt Ion:172 Resp: 1392358

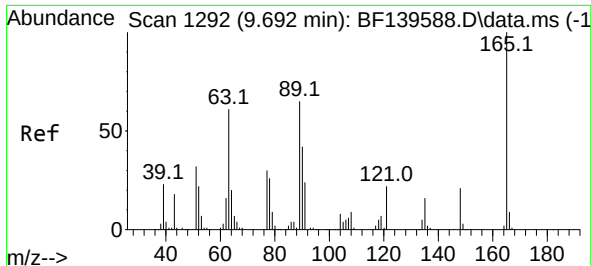
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.733 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139631.D

Acq: 03 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB163746TB

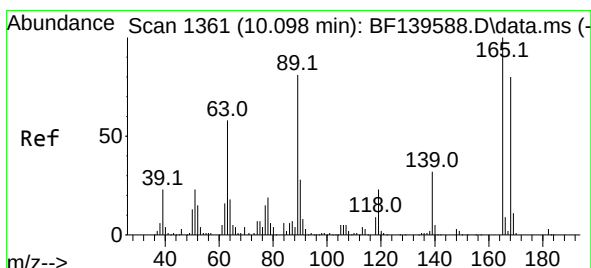
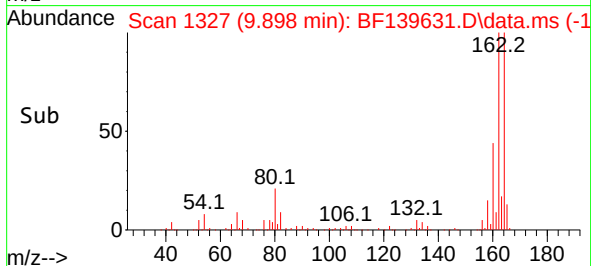
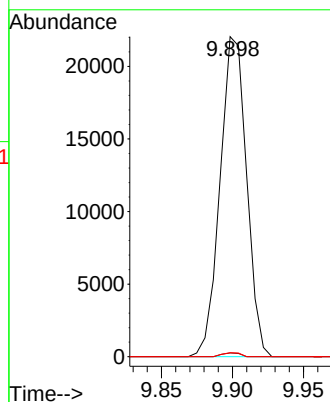
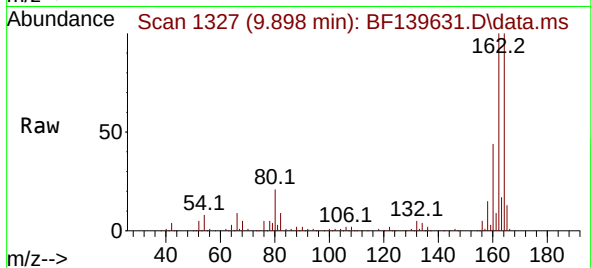
Tgt Ion:165 Resp: 28656

Ion Ratio Lower Upper

165 100

63 1.1 56.7 85.1#

89 1.2 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.681 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139631.D

Acq: 03 Oct 2024 15:05

Tgt Ion:165 Resp: 28656

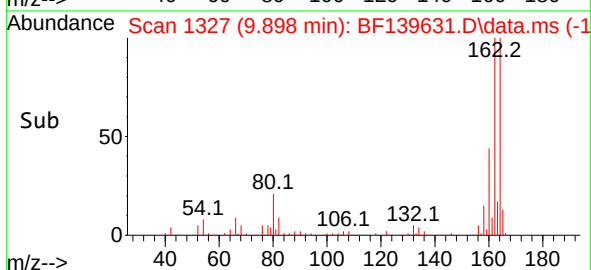
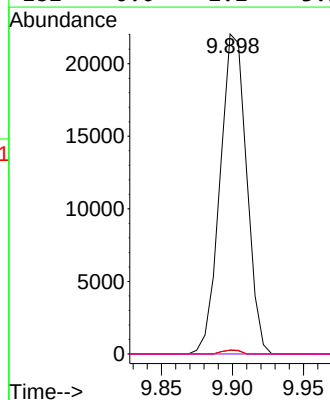
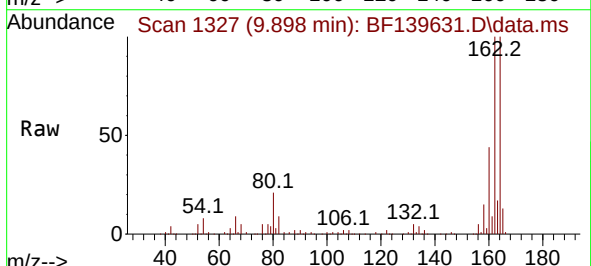
Ion Ratio Lower Upper

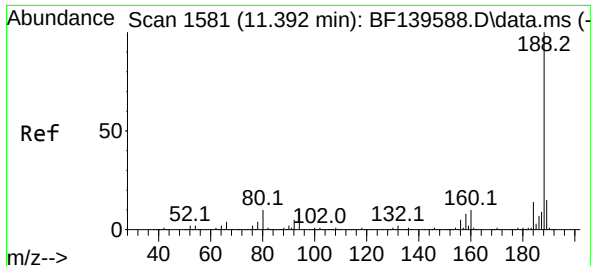
165 100

63 1.1 46.9 70.3#

89 1.2 64.4 96.6#

182 0.0 2.2 3.2#

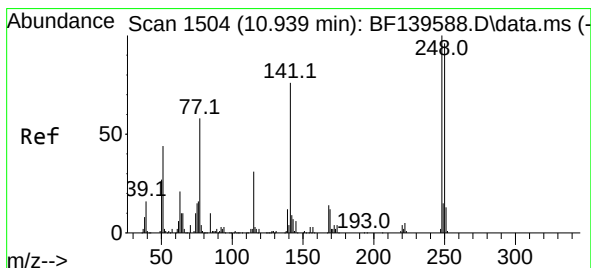
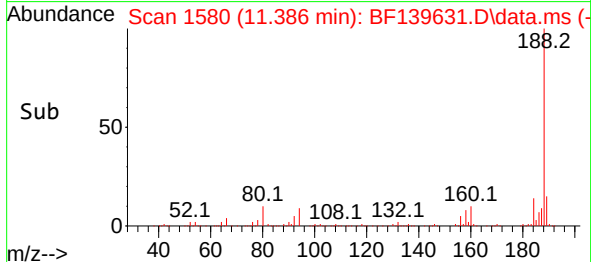
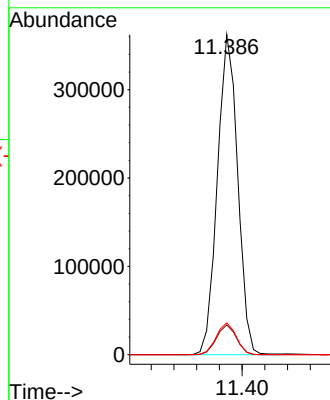
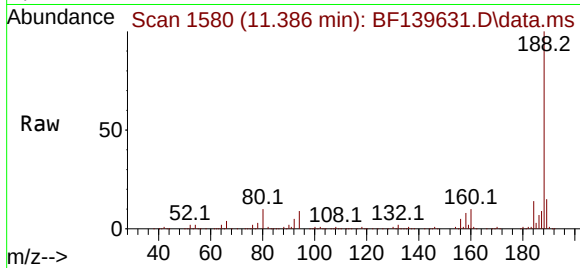




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

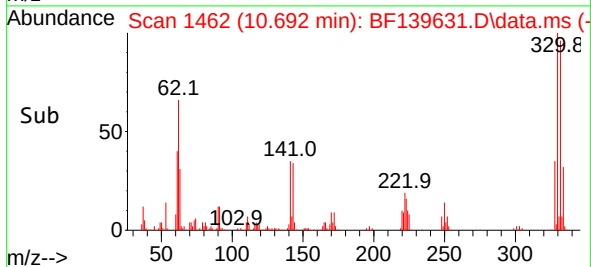
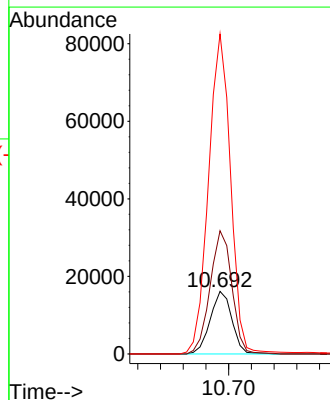
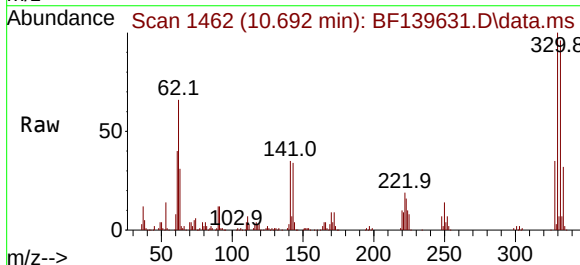
Instrument :
BNA_F
ClientSampleId :
PB163746TB

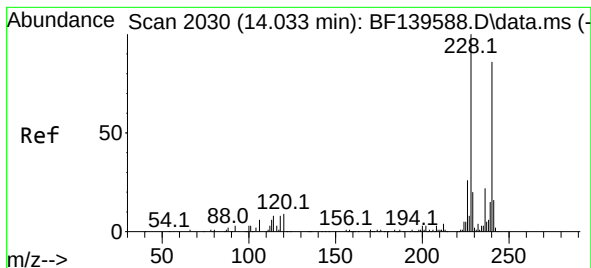
Tgt Ion:188 Resp: 450235
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.634 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Tgt Ion:248 Resp: 21391
Ion Ratio Lower Upper
248 100
250 197.1 77.1 115.7#
141 512.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139631.D

Acq: 03 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB163746TB

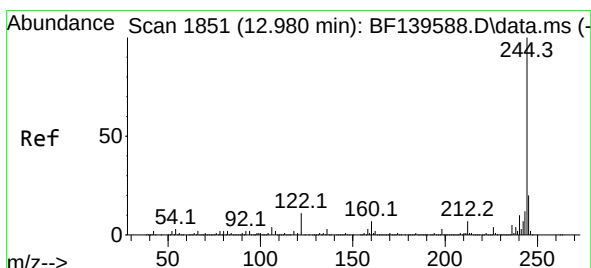
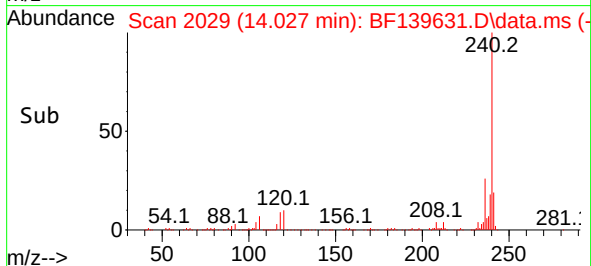
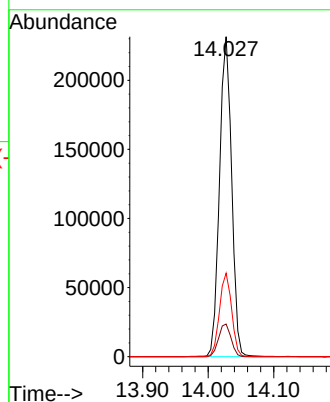
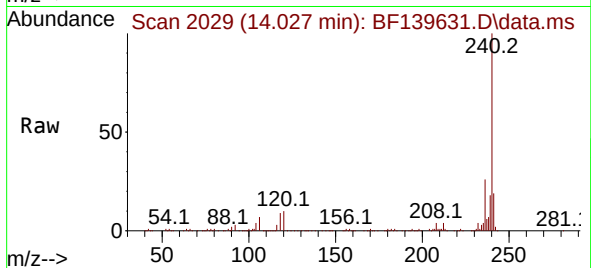
Tgt Ion:240 Resp: 296016

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 26.1 20.3 30.5



#79

Terphenyl-d14

Concen: 98.694 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139631.D

Acq: 03 Oct 2024 15:05

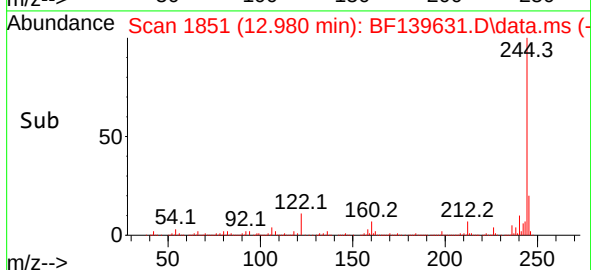
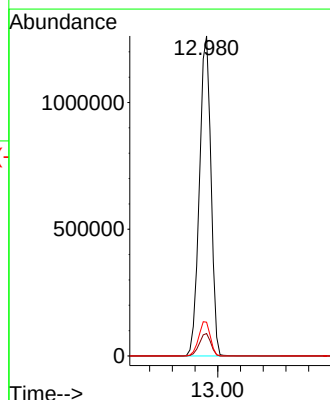
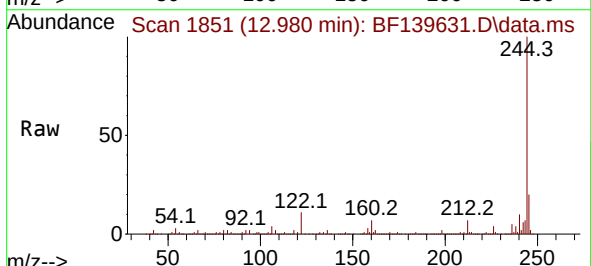
Tgt Ion:244 Resp: 1780499

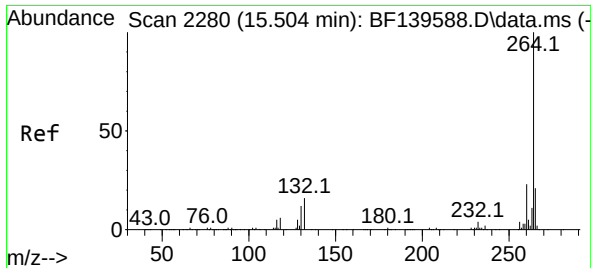
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139631.D
Acq: 03 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
PB163746TB

Tgt Ion:264 Resp: 226702

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	16.9	25.3

