

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032153.D
 Acq On : 22 Jun 2024 04:58
 Operator : MA/JU
 Sample : P2891-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-460-462

Quant Time: Jun 22 05:31:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

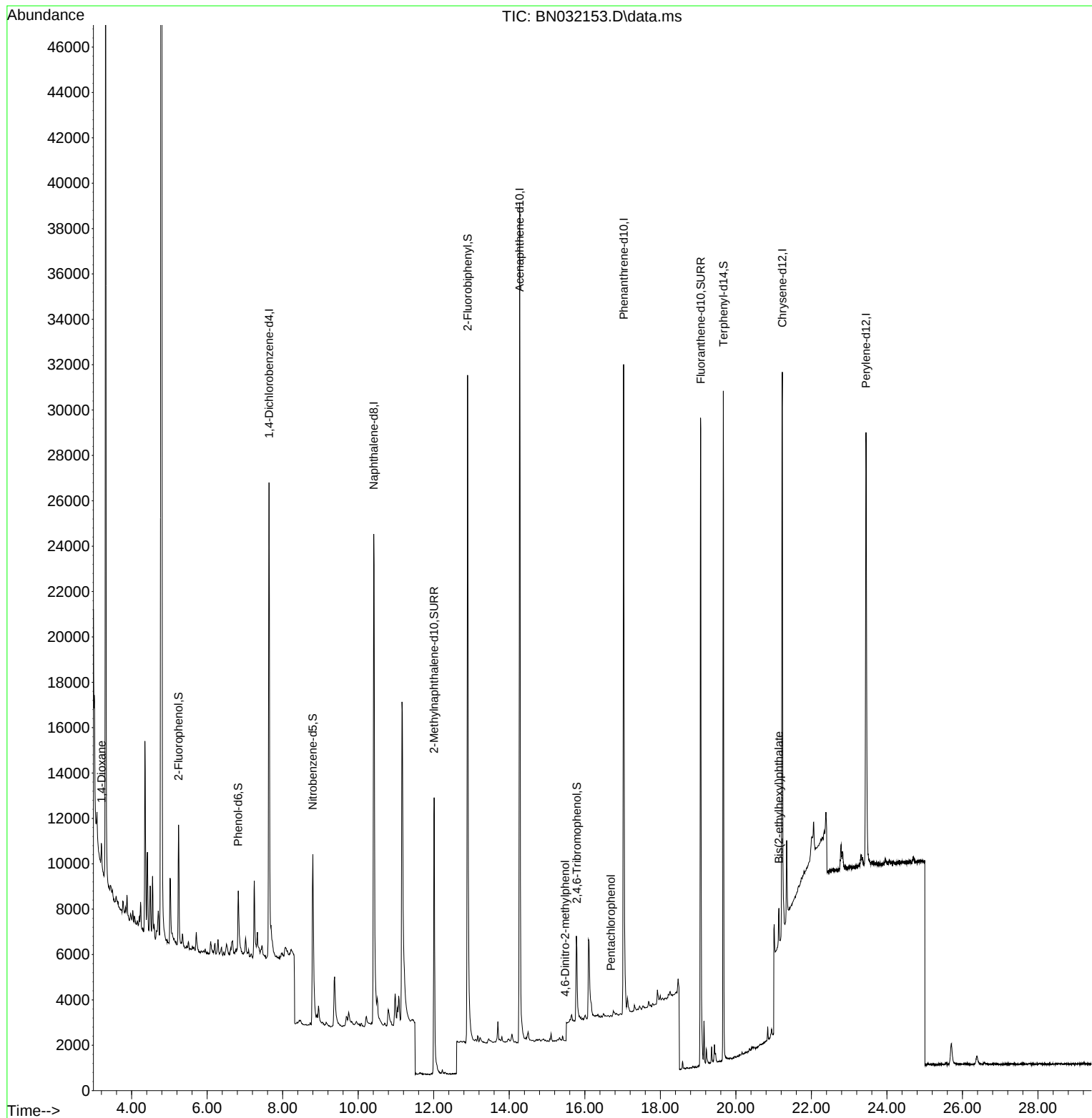
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	11638	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	38079	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	23079	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	42225	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26588	0.400	ng	# 0.00
35) Perylene-d12	23.446	264	27284	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	5022	0.152	ng	0.00
5) Phenol-d6	6.823	99	3910	0.090	ng	0.00
8) Nitrobenzene-d5	8.798	82	9119	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	19398	0.320	ng	-0.01
14) 2,4,6-Tribromophenol	15.787	330	2836	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	31309	0.358	ng	-0.01
27) Fluoranthene-d10	19.068	212	35837	0.312	ng	0.00
31) Terphenyl-d14	19.667	244	28733	0.442	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.204	88	817	0.057	ng	# 29
20) 4,6-Dinitro-2-methylph...	15.482	198	10	0.176	ng	# 1
24) Pentachlorophenol	16.694	266	61	0.174	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.139	149	1922	0.028	ng	# 92

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

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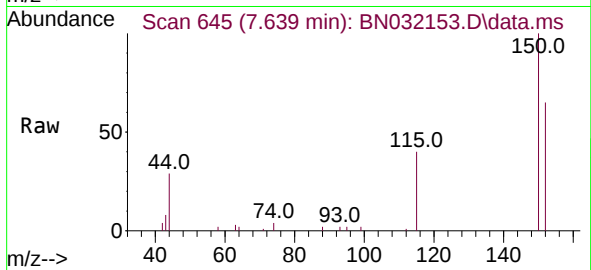
Quant Time: Jun 22 05:31:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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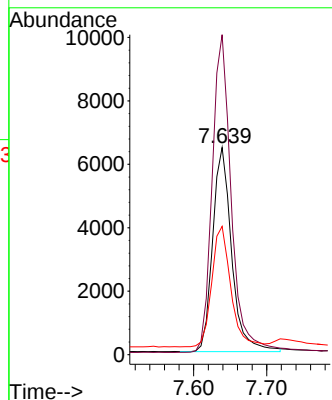
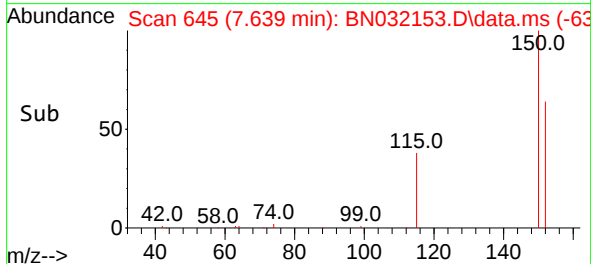


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.639 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN032153.D
 Acq: 22 Jun 2024 04:58

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-460-462

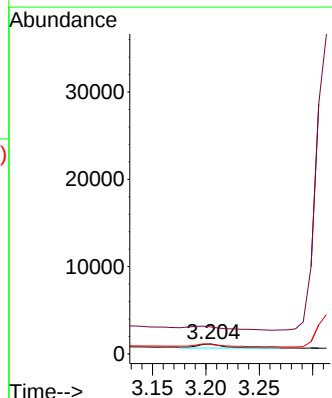
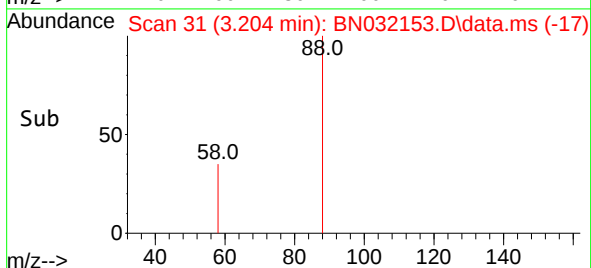
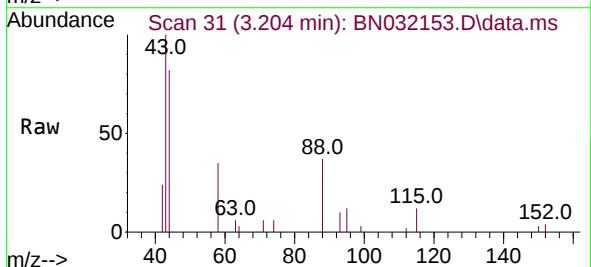


Tgt Ion:152 Resp: 11638
 Ion Ratio Lower Upper
 152 100
 150 154.5 121.0 181.4
 115 62.0 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.057 ng
 RT: 3.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032153.D
 Acq: 22 Jun 2024 04:58

Tgt Ion: 88 Resp: 817
 Ion Ratio Lower Upper
 88 100
 43 134.5 22.7 34.1#
 58 74.5 51.3 76.9

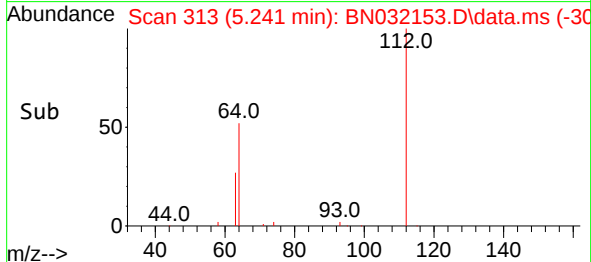
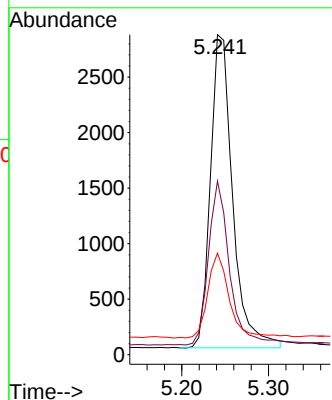
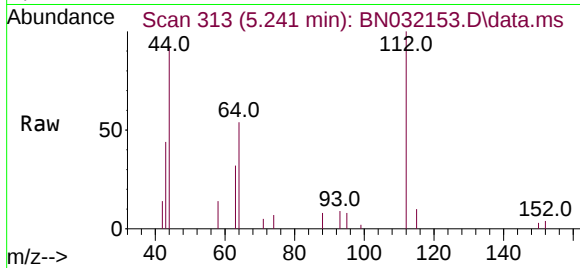




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.241 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

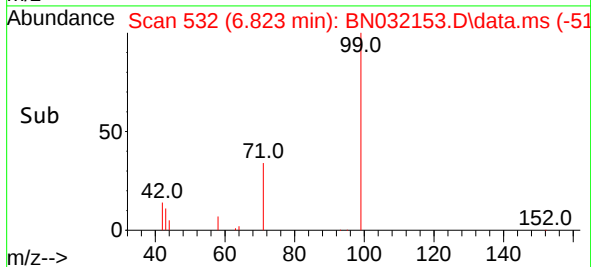
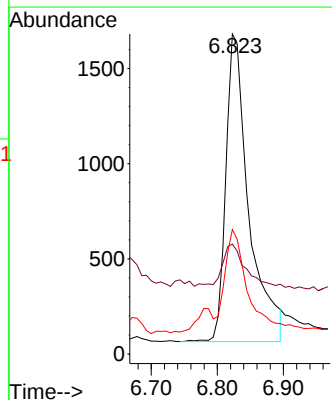
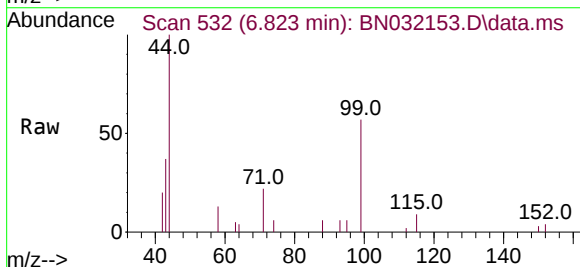
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-460-462

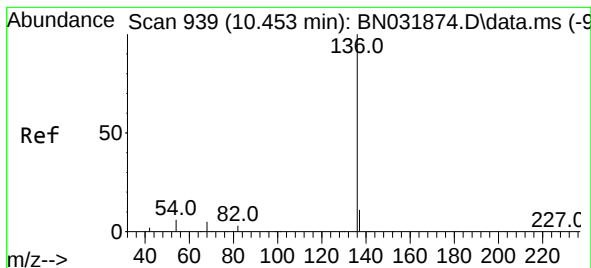
Tgt Ion:112 Resp: 5022
Ion Ratio Lower Upper
112 100
64 49.9 42.4 63.6
63 26.3 22.1 33.1



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

Tgt Ion: 99 Resp: 3910
Ion Ratio Lower Upper
99 100
42 12.5 12.8 19.2#
71 27.7 25.4 38.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.410 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-460-462

Tgt Ion:136 Resp: 38079

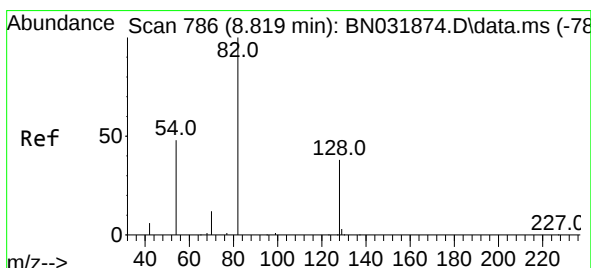
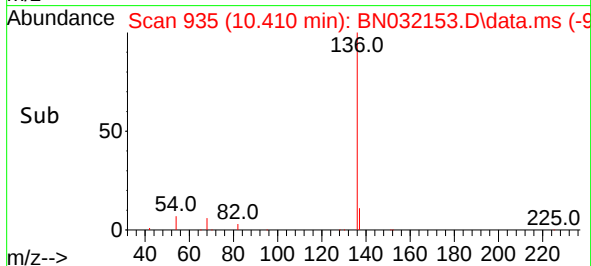
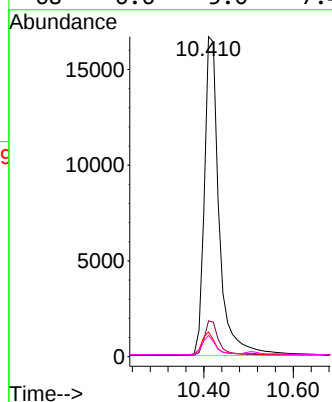
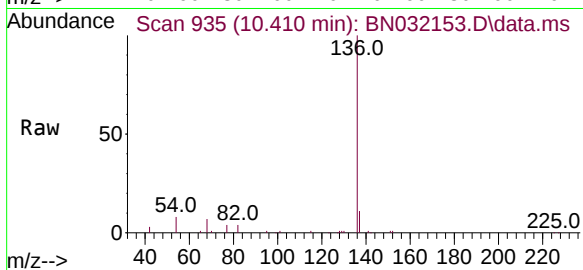
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 5.6 8.4

68 6.6 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 8.798 min Scan# 784

Delta R.T. 0.000 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

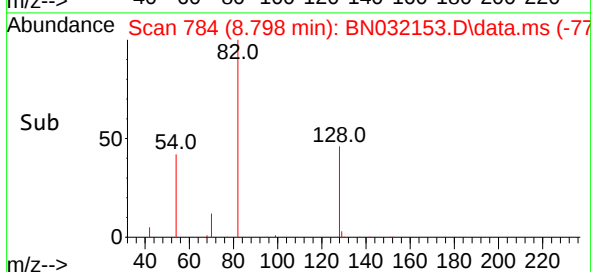
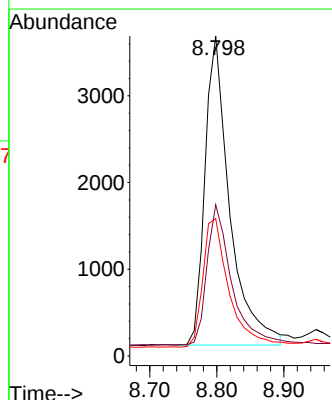
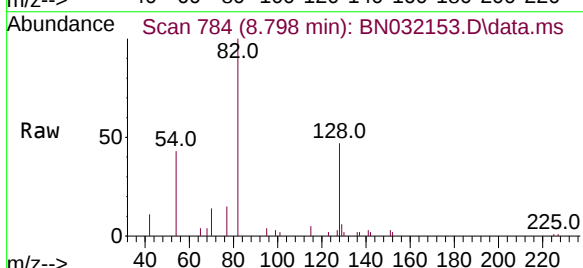
Tgt Ion: 82 Resp: 9119

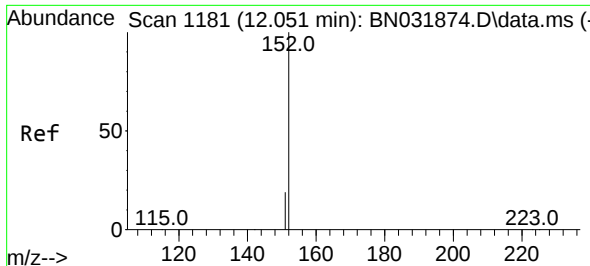
Ion Ratio Lower Upper

82 100

128 47.3 32.1 48.1

54 42.9 39.7 59.5

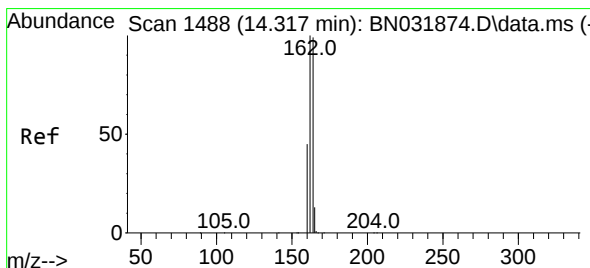
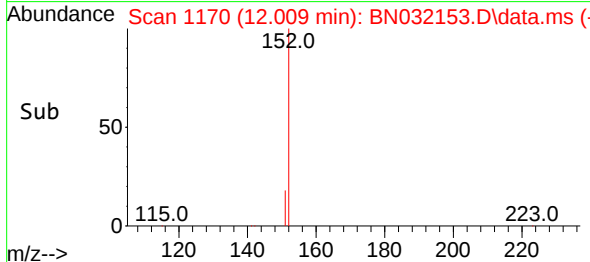
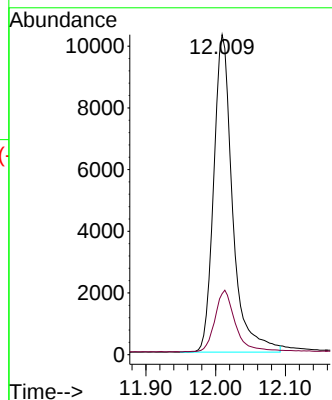
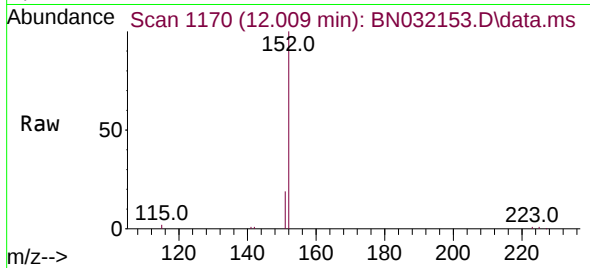




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.009 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

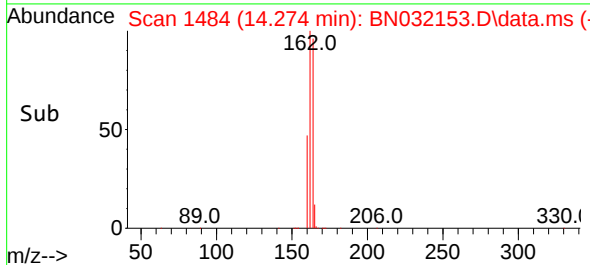
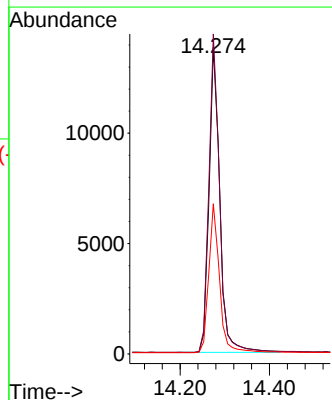
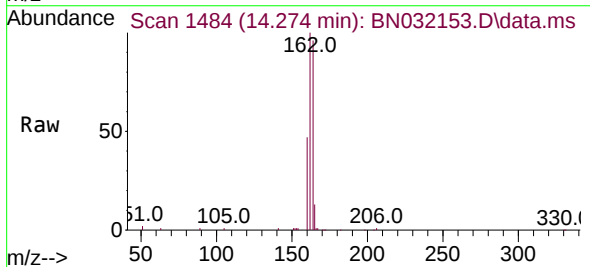
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-460-462

Tgt Ion:152 Resp: 19398
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

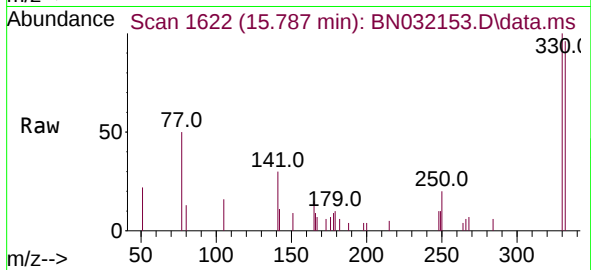
Tgt Ion:164 Resp: 23079
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 49.0 36.2 54.4



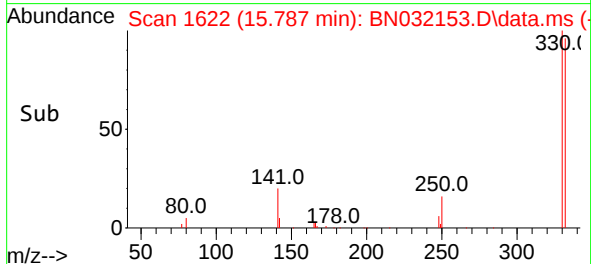
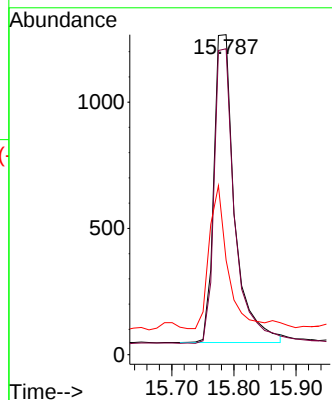


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-460-462

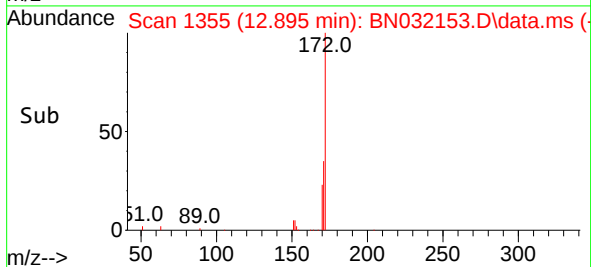
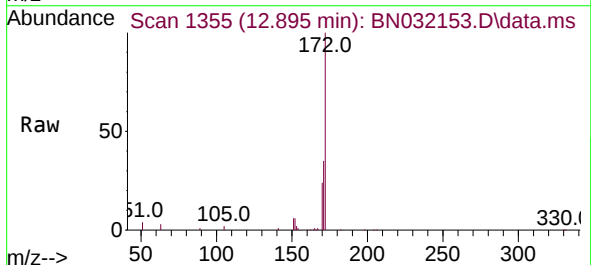
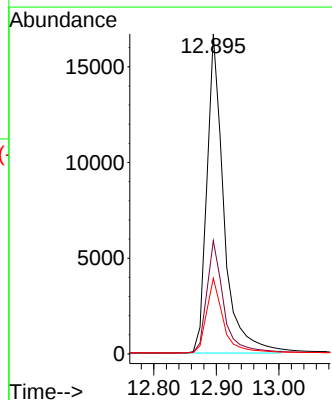


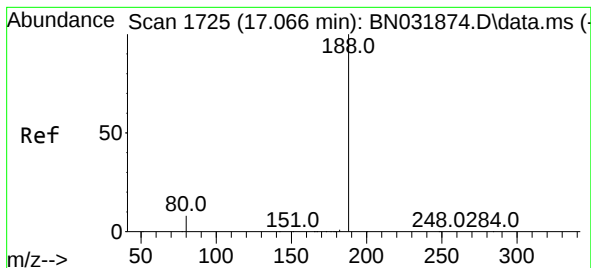
Tgt Ion:330 Resp: 2836
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 42.9 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

Tgt Ion:172 Resp: 31309
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.7 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-460-462

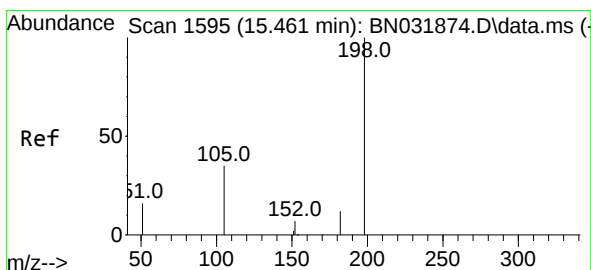
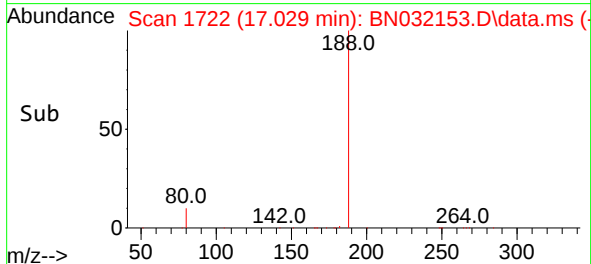
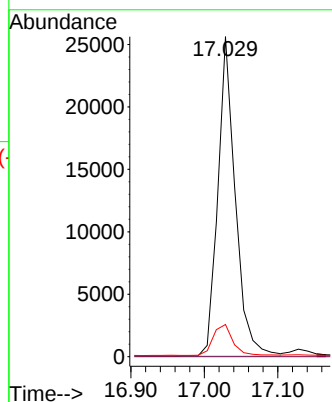
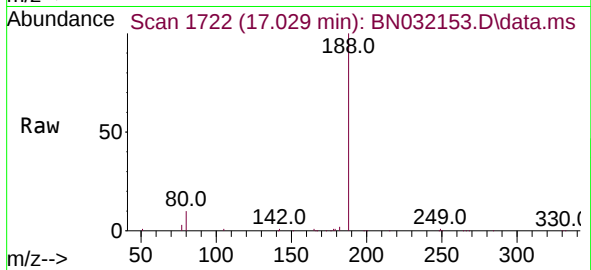
Tgt Ion:188 Resp: 42225

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.482 min Scan# 1597

Delta R.T. 0.043 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

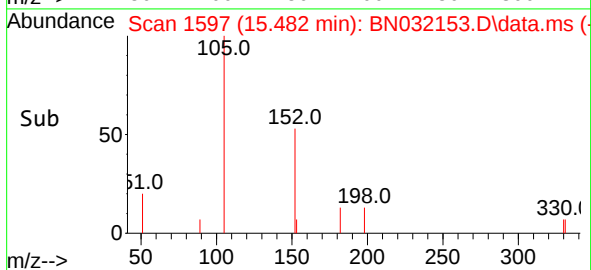
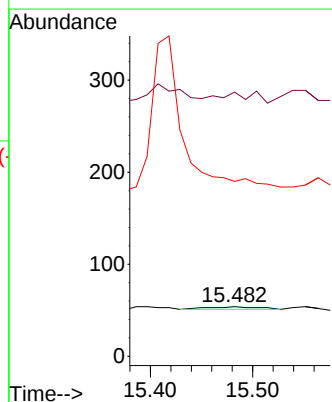
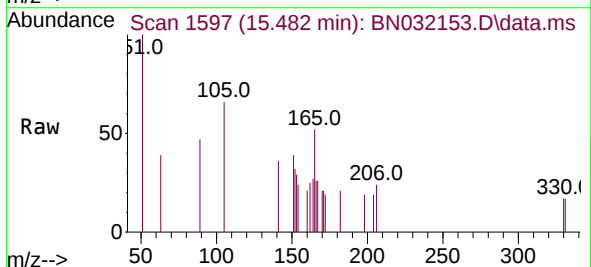
Tgt Ion:198 Resp: 10

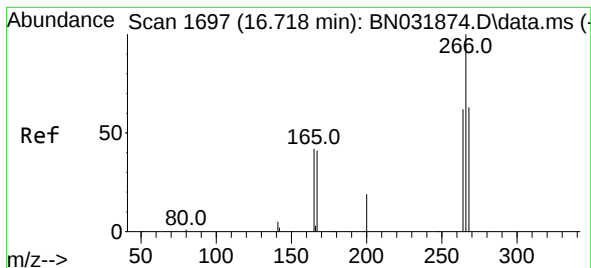
Ion Ratio Lower Upper

198 100

51 531.5 42.7 64.1#

105 351.9 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

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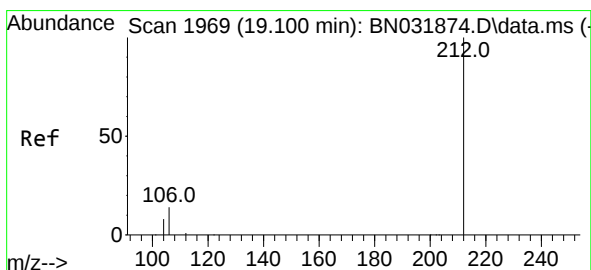
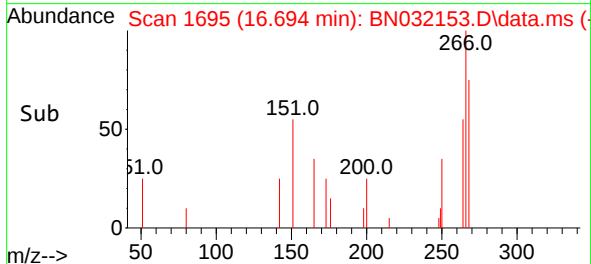
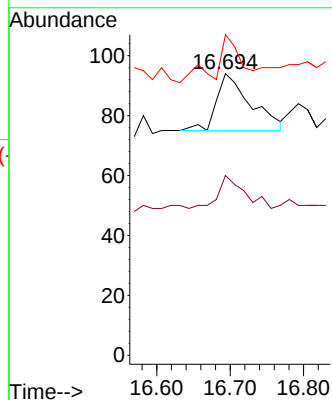
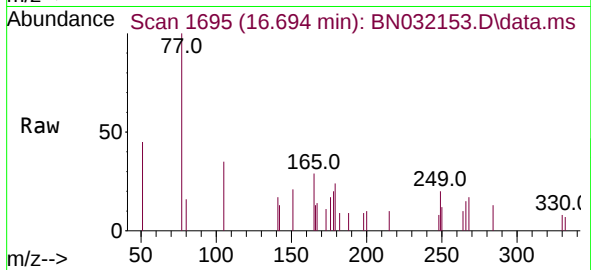
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 44.3 50.0 75.0#

268 60.7 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

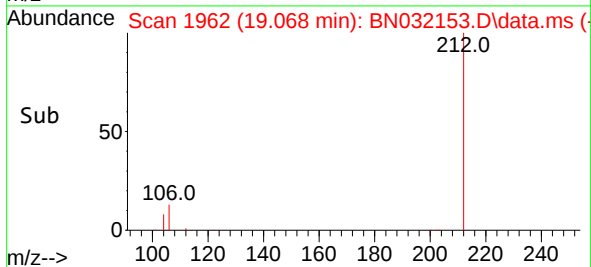
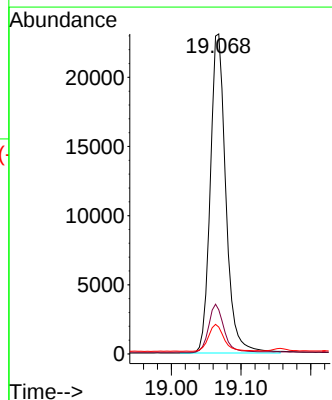
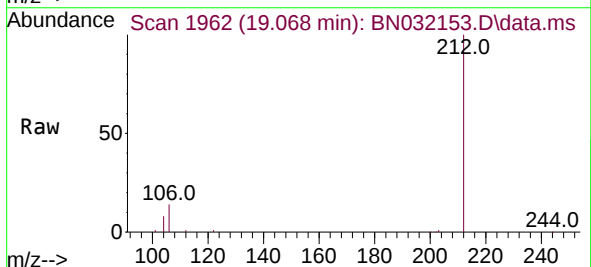
Tgt Ion:212 Resp: 35837

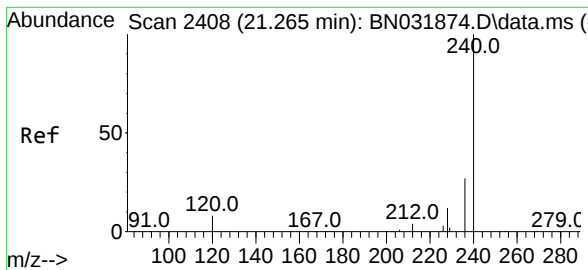
Ion Ratio Lower Upper

212 100

106 14.9 11.8 17.8

104 8.5 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

Instrument :

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ClientSampleId :

BP-VPB-196-GW-460-462

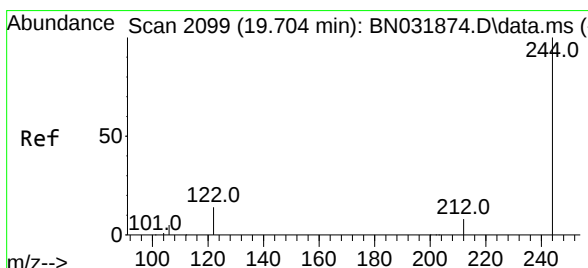
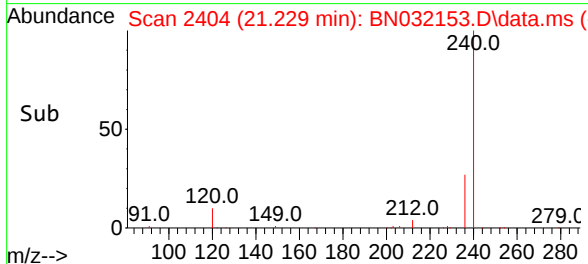
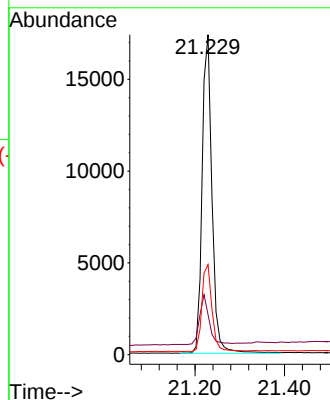
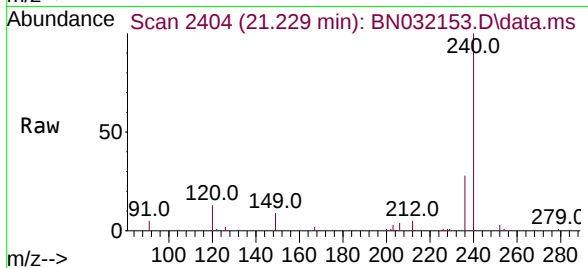
Tgt Ion:240 Resp: 26588

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.4#

236 28.1 21.8 32.8



#31

Terphenyl-d14

Concen: 0.442 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN032153.D

Acq: 22 Jun 2024 04:58

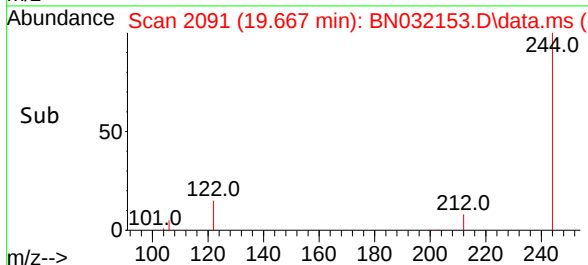
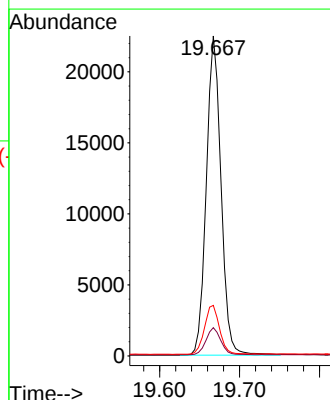
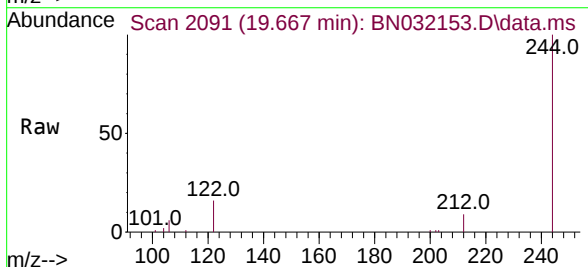
Tgt Ion:244 Resp: 28733

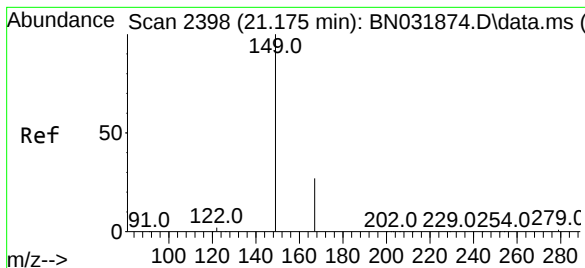
Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 15.8 11.4 17.0

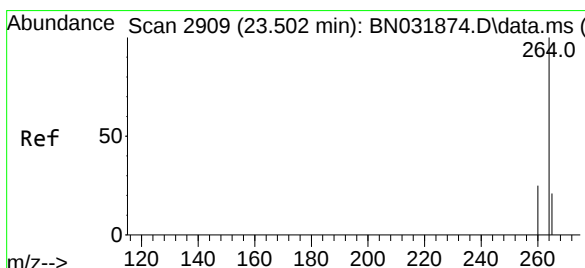
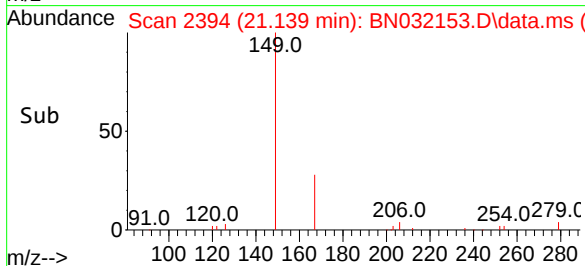
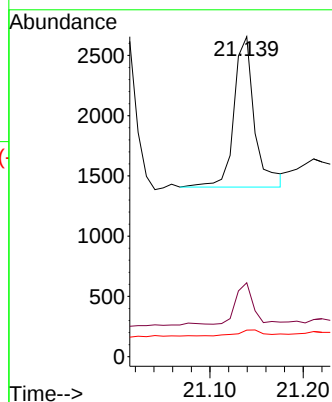
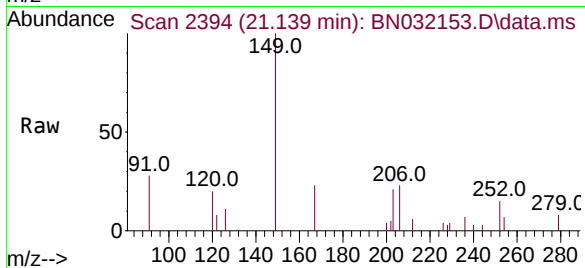




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.139 min Scan# 21139
Delta R.T. -0.009 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-460-462

Tgt Ion:149 Resp: 1922
Ion Ratio Lower Upper
149 100
167 23.5 22.5 33.7
279 5.0 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.446 min Scan# 2890
Delta R.T. -0.006 min
Lab File: BN032153.D
Acq: 22 Jun 2024 04:58

Tgt Ion:264 Resp: 27284
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 68.6 39.6 59.4#

