

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032576.D
 Acq On : 09 Jul 2024 08:00
 Operator : MA/JU
 Sample : PB161930BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161930BL

Quant Time: Jul 09 08:32:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

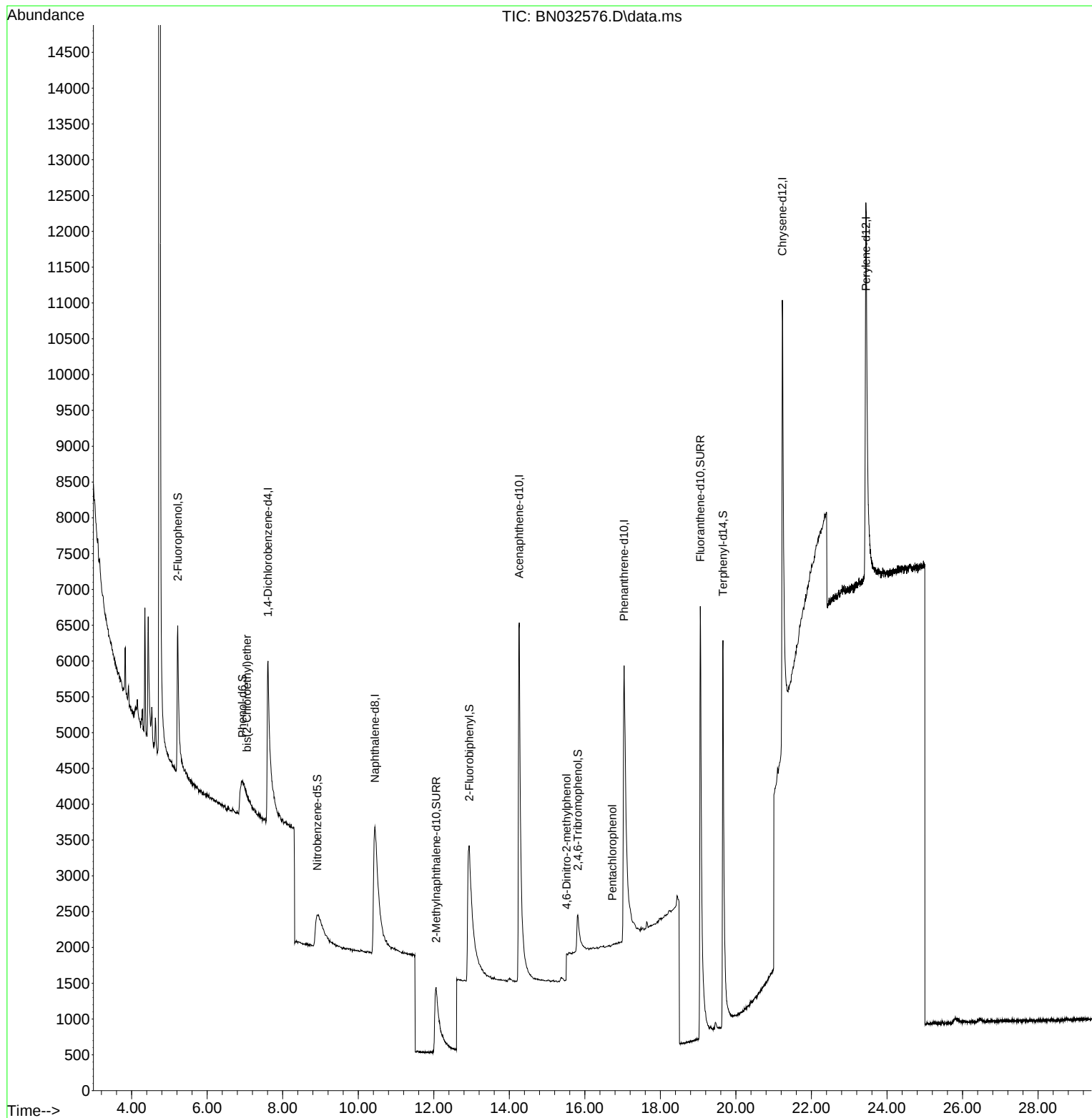
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	3218	0.400	ng	0.02
7) Naphthalene-d8	10.442	136	10064	0.400	ng	# 0.06
13) Acenaphthene-d10	14.263	164	7850	0.400	ng	0.03
19) Phenanthrene-d10	17.041	188	16228	0.400	ng	# 0.04
29) Chrysene-d12	21.229	240	13652	0.400	ng	# 0.02
35) Perylene-d12	23.443	264	13651	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3813	0.469	ng	0.00
5) Phenol-d6	6.931	99	2497	0.240	ng	0.11
8) Nitrobenzene-d5	8.916	82	1835	0.244	ng	0.12
11) 2-Methylnaphthalene-d10	12.062	152	5613	0.353	ng	0.08
14) 2,4,6-Tribromophenol	15.812	330	828	0.233	ng	0.05
15) 2-Fluorobiphenyl	12.938	172	7189	0.249	ng	0.07
27) Fluoranthene-d10	19.058	212	15115	0.357	ng	0.01
31) Terphenyl-d14	19.658	244	11274	0.338	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.054	93	16	0.088	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.514	198	4	0.198	ng	# 1
24) Pentachlorophenol	16.731	266	36	0.175	ng	# 43

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

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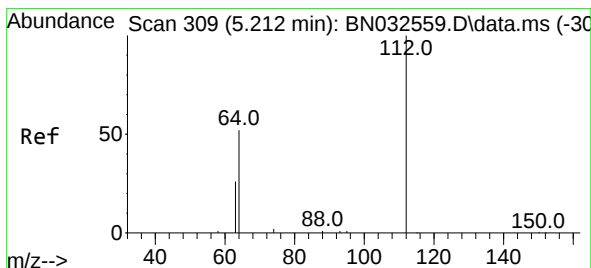
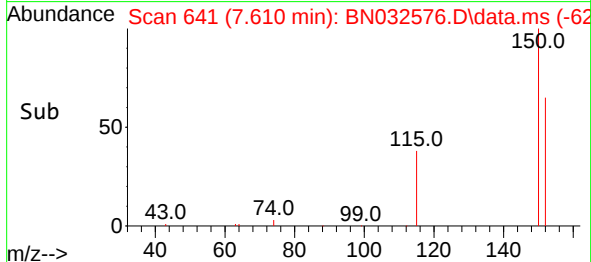
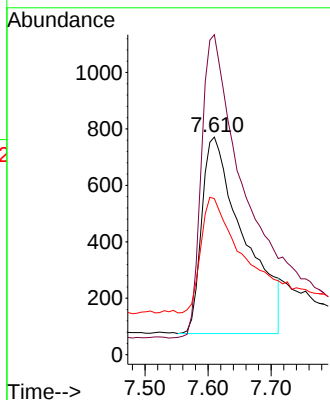
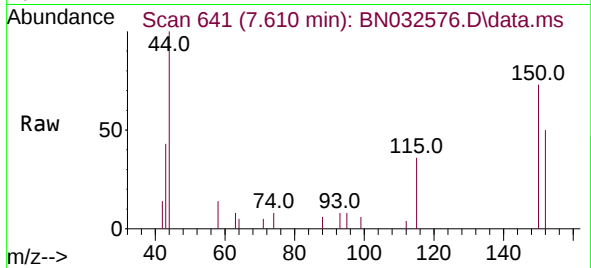




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

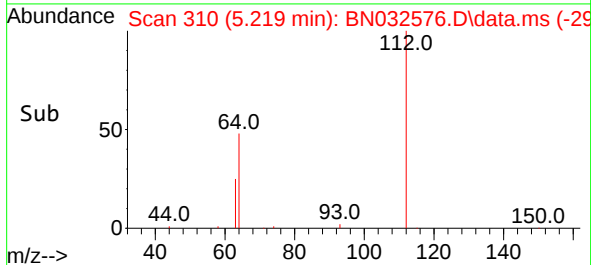
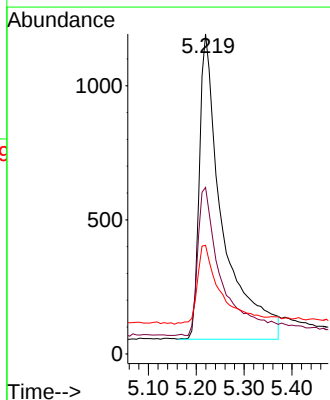
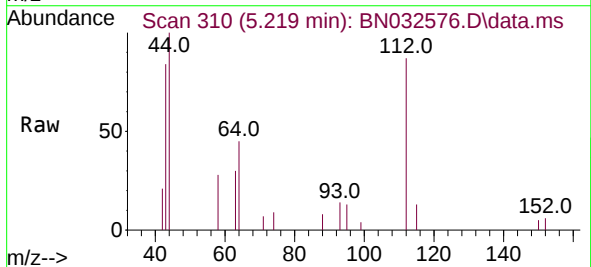
Instrument :
BNA_N
ClientSampleId :
PB161930BL

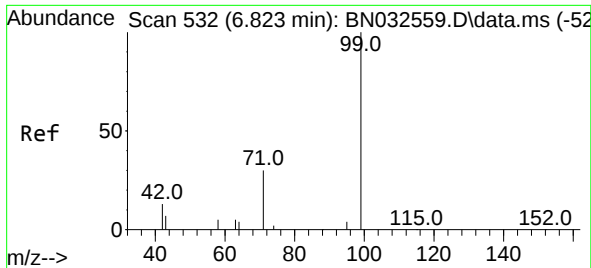
Tgt Ion:152 Resp: 3218
Ion Ratio Lower Upper
152 100
150 147.1 121.6 182.4
115 71.7 53.1 79.7



#4
2-Fluorophenol
Concen: 0.469 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

Tgt Ion:112 Resp: 3813
Ion Ratio Lower Upper
112 100
64 50.6 41.2 61.8
63 26.4 21.6 32.4





#5

Phenol-d6

Concen: 0.240 ng

RT: 6.931 min Scan# 54

Delta R.T. 0.108 min

Lab File: BN032576.D

Acq: 09 Jul 2024 08:00

Instrument :

BNA_N

ClientSampleId :

PB161930BL

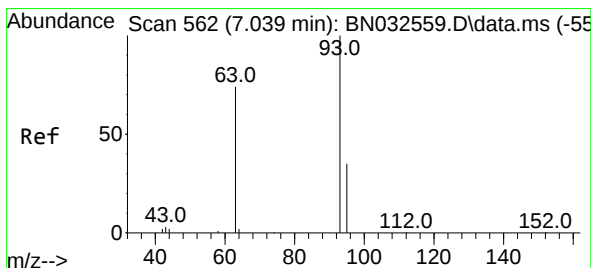
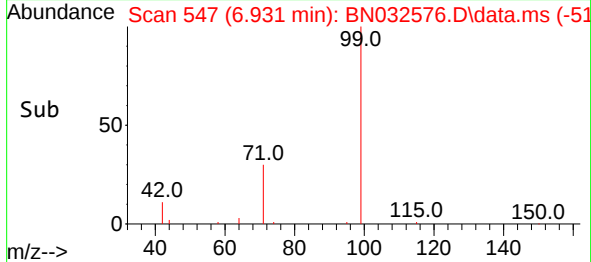
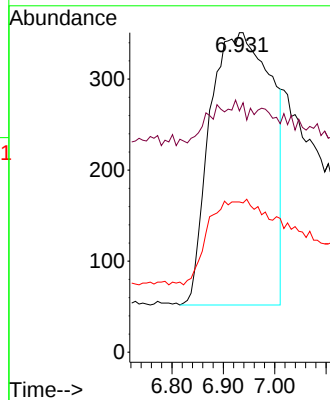
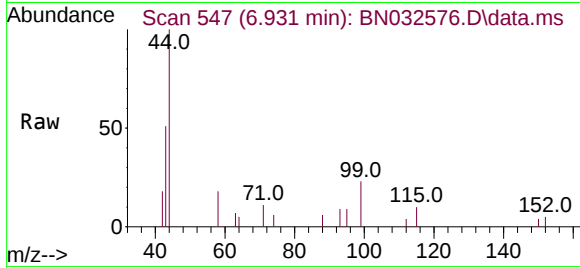
Tgt Ion: 99 Resp: 2497

Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 31.3 25.2 37.8



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 7.054 min Scan# 564

Delta R.T. 0.015 min

Lab File: BN032576.D

Acq: 09 Jul 2024 08:00

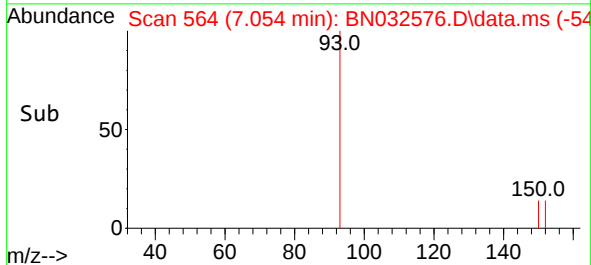
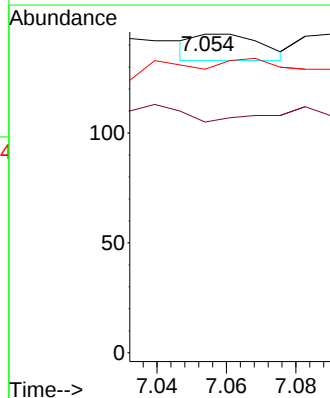
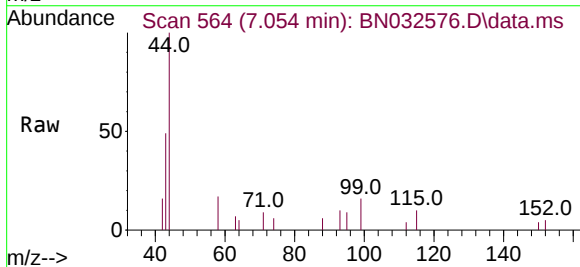
Tgt Ion: 93 Resp: 16

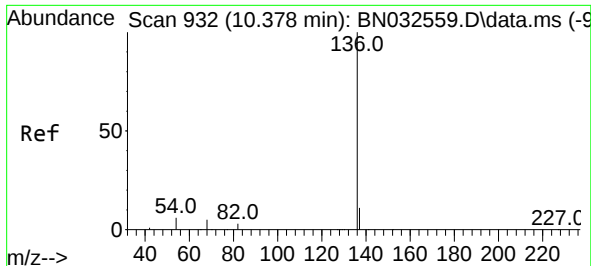
Ion Ratio Lower Upper

93 100

63 0.0 54.1 81.1#

95 0.0 30.5 45.7#

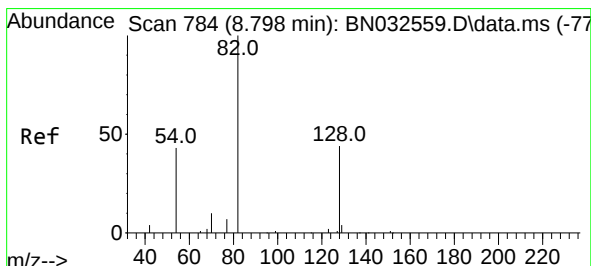
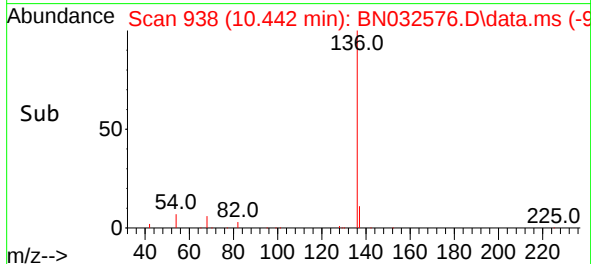
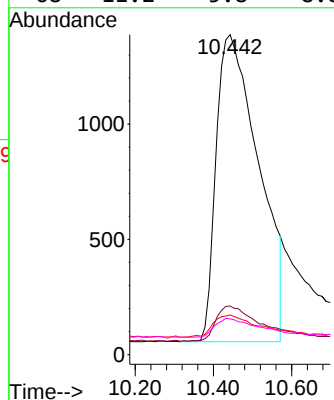
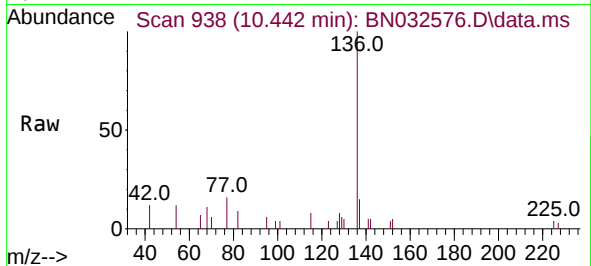




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.442 min Scan# 91
Delta R.T. 0.064 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

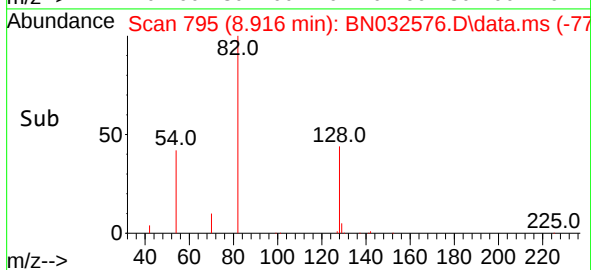
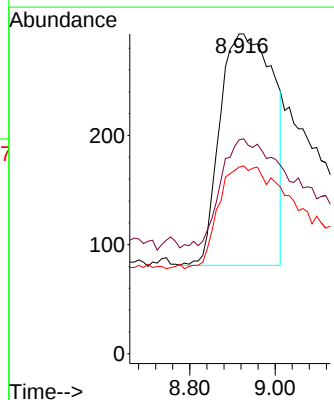
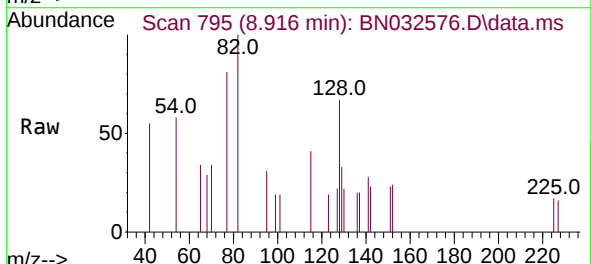
Instrument :
BNA_N
ClientSampleId :
PB161930BL

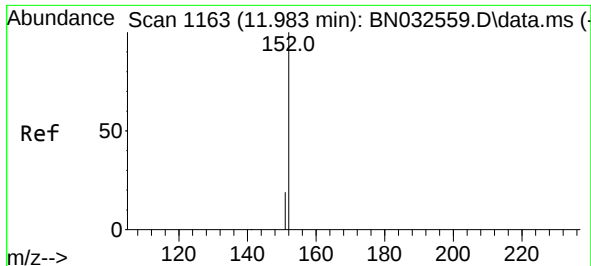
Tgt Ion:136 Resp: 10064
Ion Ratio Lower Upper
136 100
137 15.2 10.0 15.0#
54 12.4 6.6 9.8#
68 11.2 5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 8.916 min Scan# 795
Delta R.T. 0.118 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

Tgt Ion: 82 Resp: 1835
Ion Ratio Lower Upper
82 100
128 66.9 43.4 65.2#
54 58.4 40.2 60.2

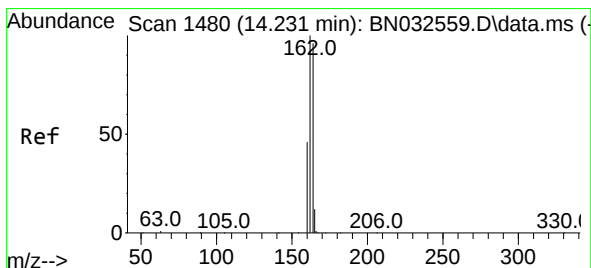
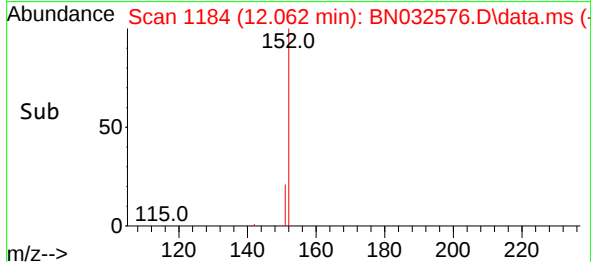
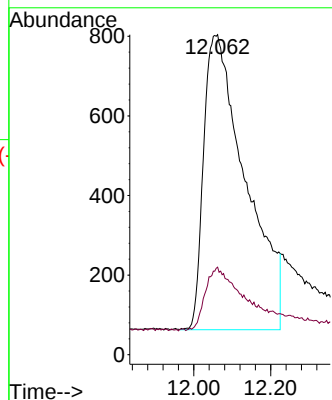
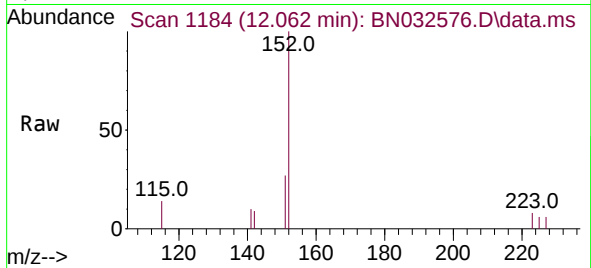




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.062 min Scan# 1163
Delta R.T. 0.079 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

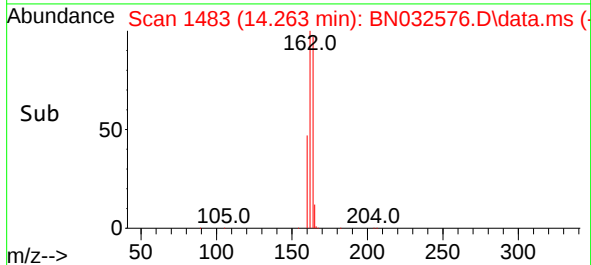
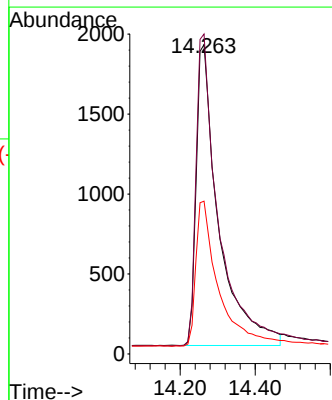
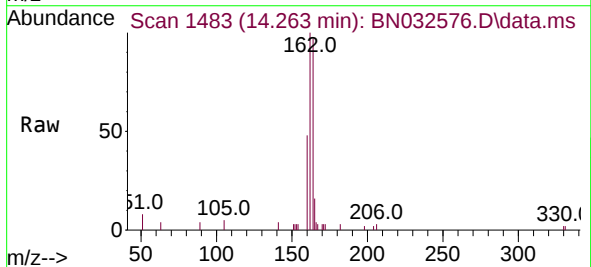
Instrument :
BNA_N
ClientSampleId :
PB161930BL

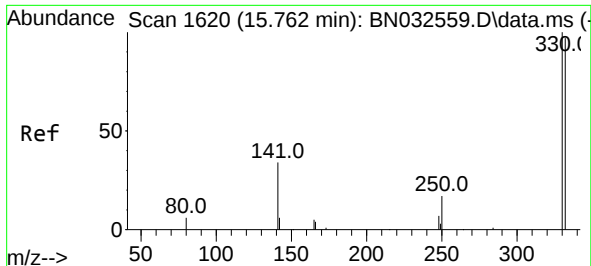
Tgt Ion:152 Resp: 5613
Ion Ratio Lower Upper
152 100
151 17.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.032 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

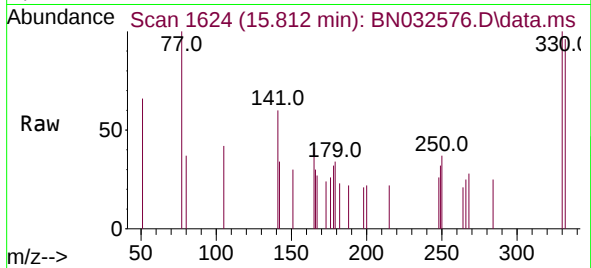
Tgt Ion:164 Resp: 7850
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 49.4 38.6 57.8



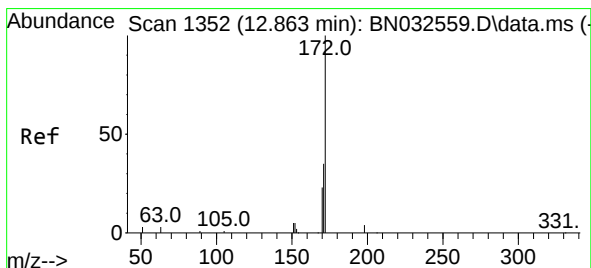
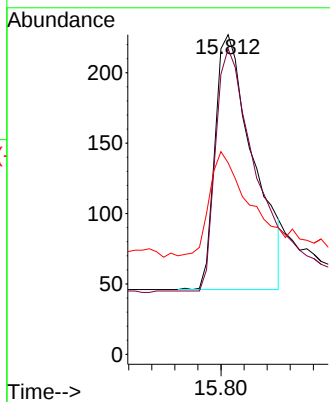
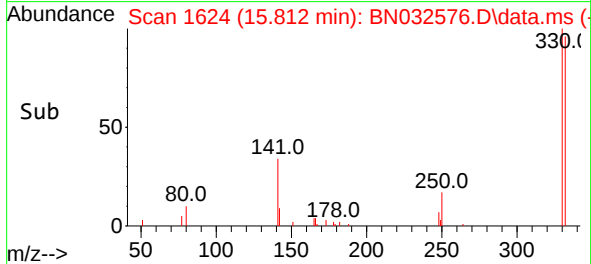


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.812 min Scan# 1624
Delta R.T. 0.050 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

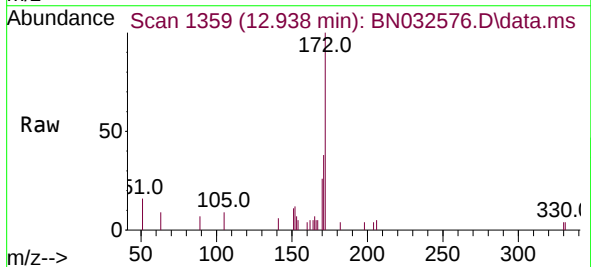
Instrument :
BNA_N
ClientSampleId :
PB161930BL



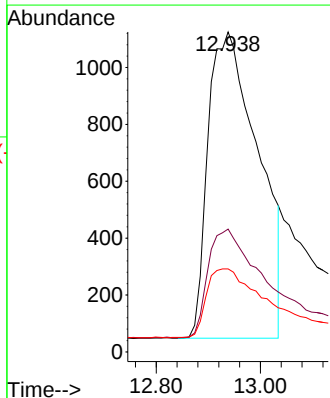
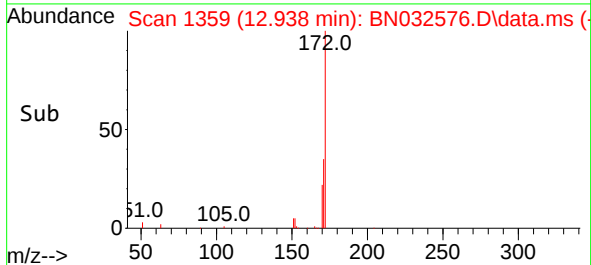
Tgt Ion:330 Resp: 828
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 42.6 31.8 47.8

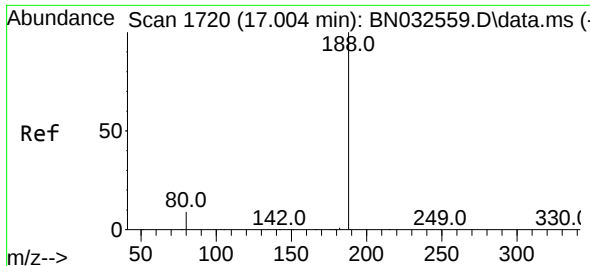


#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.938 min Scan# 1359
Delta R.T. 0.075 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00



Tgt Ion:172 Resp: 7189
Ion Ratio Lower Upper
172 100
171 38.4 28.5 42.7
170 26.0 19.2 28.8

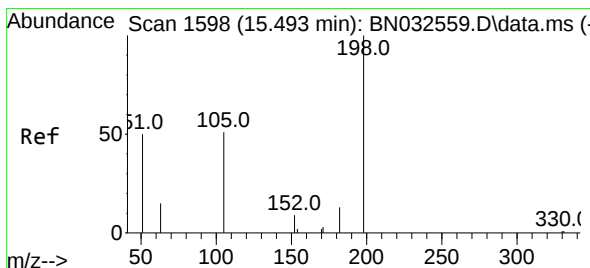
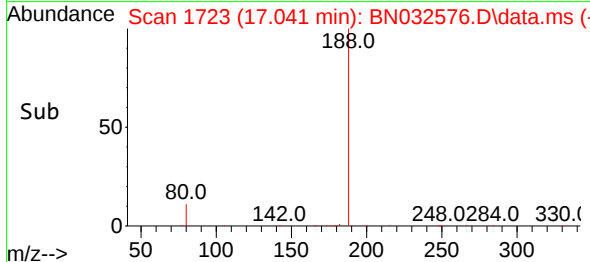
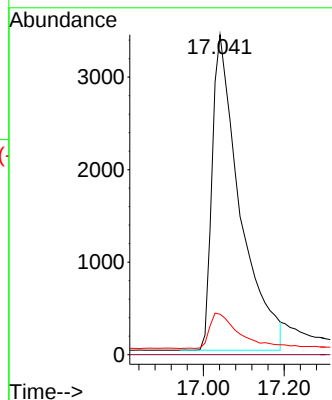
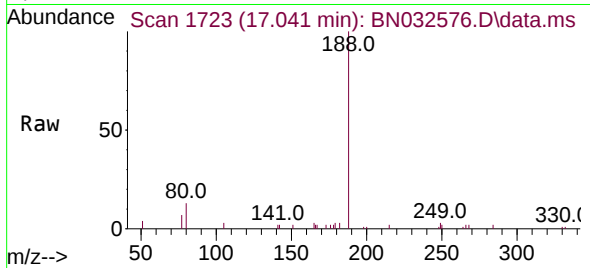




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 11
Delta R.T. 0.037 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

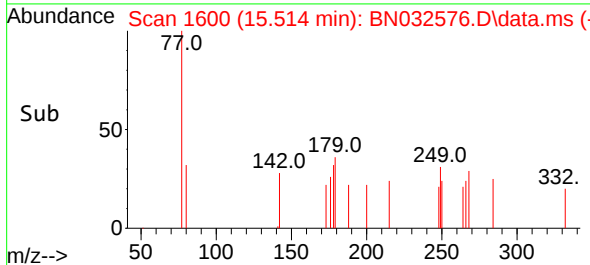
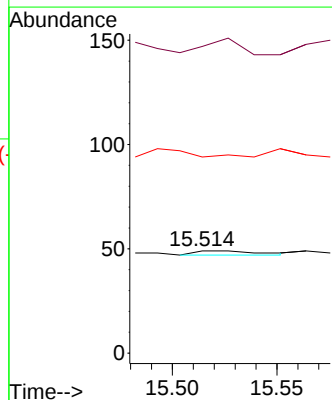
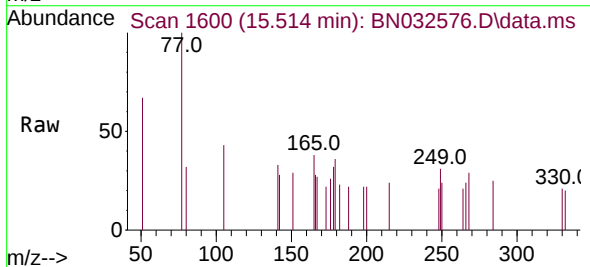
Instrument :
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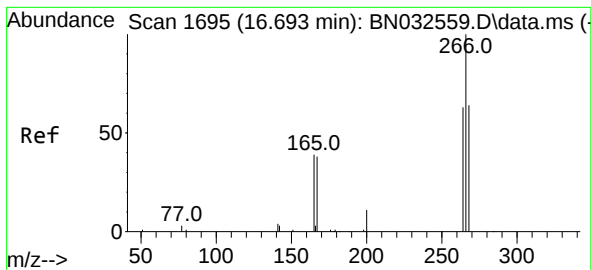
Tgt Ion:188 Resp: 16228
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.8 11.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.514 min Scan# 1600
Delta R.T. 0.021 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 300.0 123.4 185.2#
105 191.8 79.5 119.3#

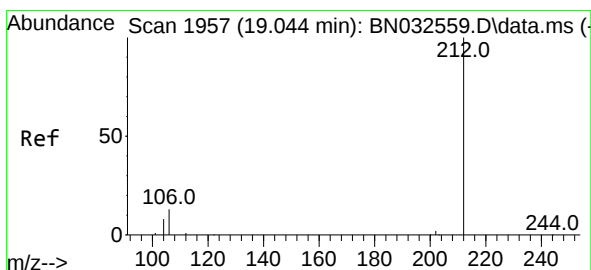
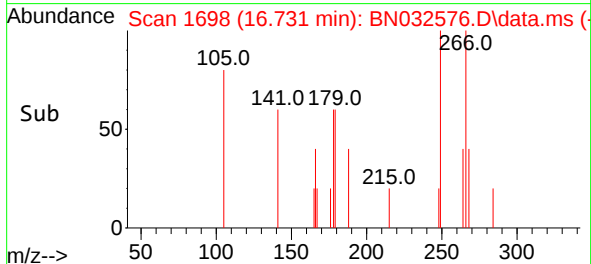
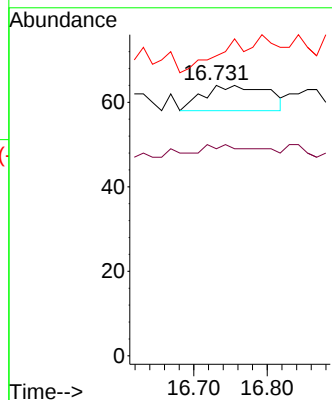
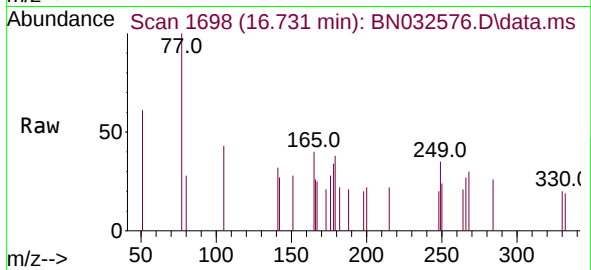




#24
 Pentachlorophenol
 Concen: 0.175 ng
 RT: 16.731 min Scan# 1698
 Delta R.T. 0.038 min
 Lab File: BN032576.D
 Acq: 09 Jul 2024 08:00

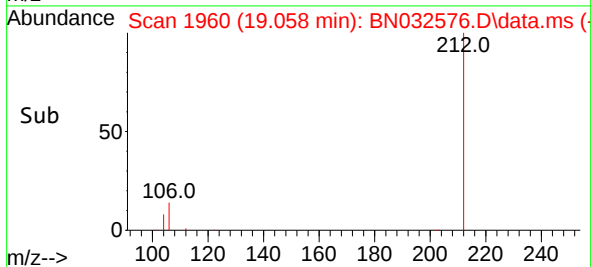
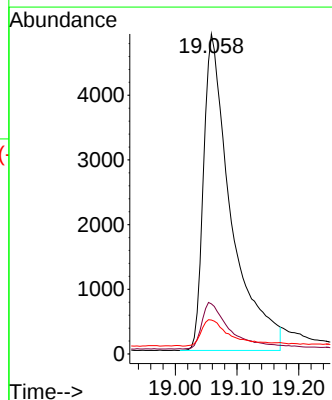
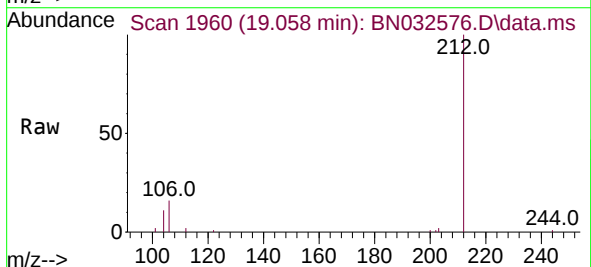
Instrument :
 BNA_N
 ClientSampleId :
 PB161930BL

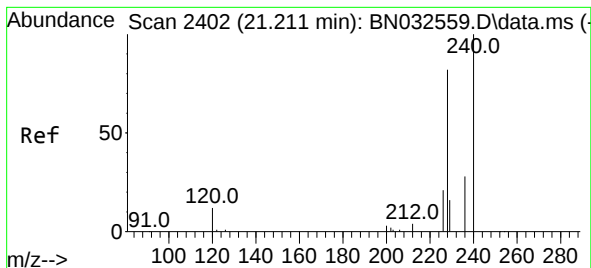
Tgt Ion:266 Resp: 36
 Ion Ratio Lower Upper
 266 100
 264 38.9 49.6 74.4#
 268 0.0 52.2 78.2#



#27
 Fluoranthene-d10
 Concen: 0.357 ng
 RT: 19.058 min Scan# 1960
 Delta R.T. 0.014 min
 Lab File: BN032576.D
 Acq: 09 Jul 2024 08:00

Tgt Ion:212 Resp: 15115
 Ion Ratio Lower Upper
 212 100
 106 15.0 11.8 17.8
 104 8.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.018 min

Lab File: BN032576.D

Acq: 09 Jul 2024 08:00

Instrument :

BNA_N

ClientSampleId :

PB161930BL

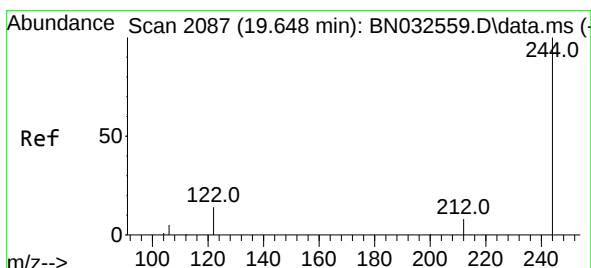
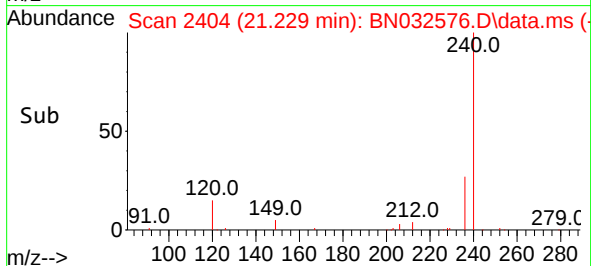
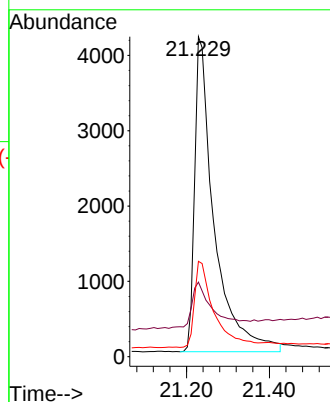
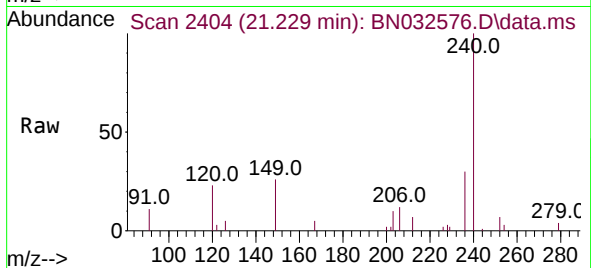
Tgt Ion:240 Resp: 13652

Ion Ratio Lower Upper

240 100

120 23.3 13.0 19.4#

236 29.8 23.1 34.7



#31

Terphenyl-d14

Concen: 0.338 ng

RT: 19.658 min Scan# 2089

Delta R.T. 0.009 min

Lab File: BN032576.D

Acq: 09 Jul 2024 08:00

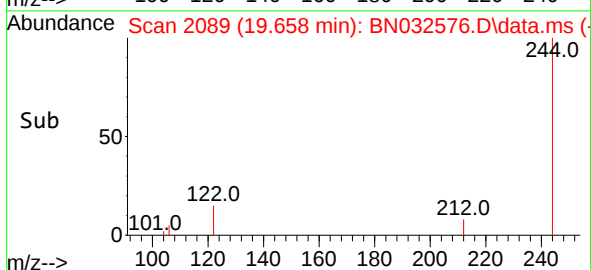
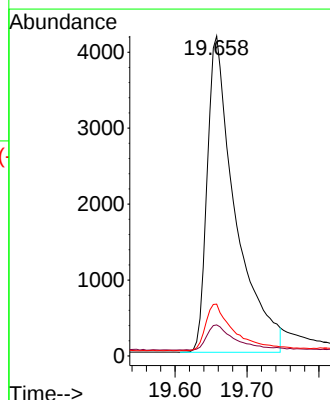
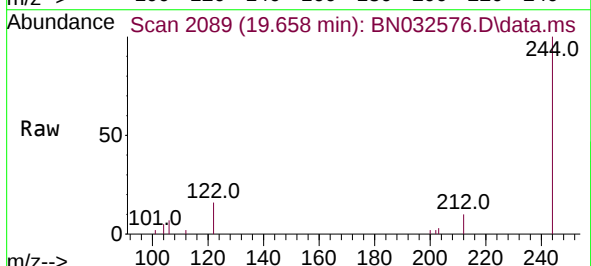
Tgt Ion:244 Resp: 11274

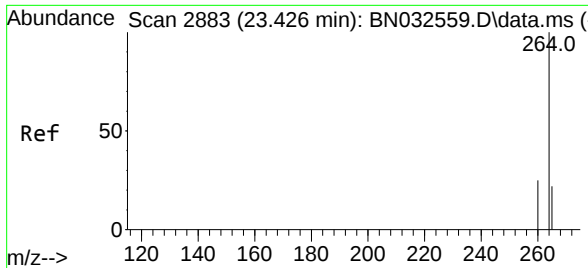
Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

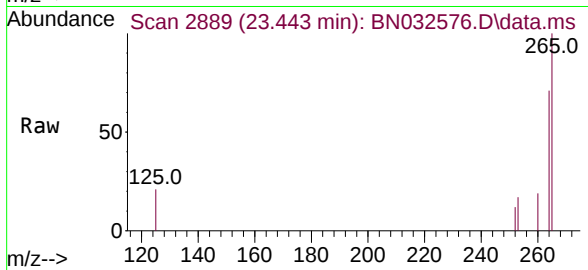
122 16.2 12.1 18.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.443 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN032576.D
Acq: 09 Jul 2024 08:00

Instrument :
BNA_N
ClientSampleId :
PB161930BL



Tgt Ion:	264	Resp:	13651
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	140.8	76.6	115.0

