

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033050.D
 Acq On : 28 Jul 2024 01:40
 Operator : MA/JU
 Sample : PB162161BL
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162161BL

Quant Time: Jul 29 01:10:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

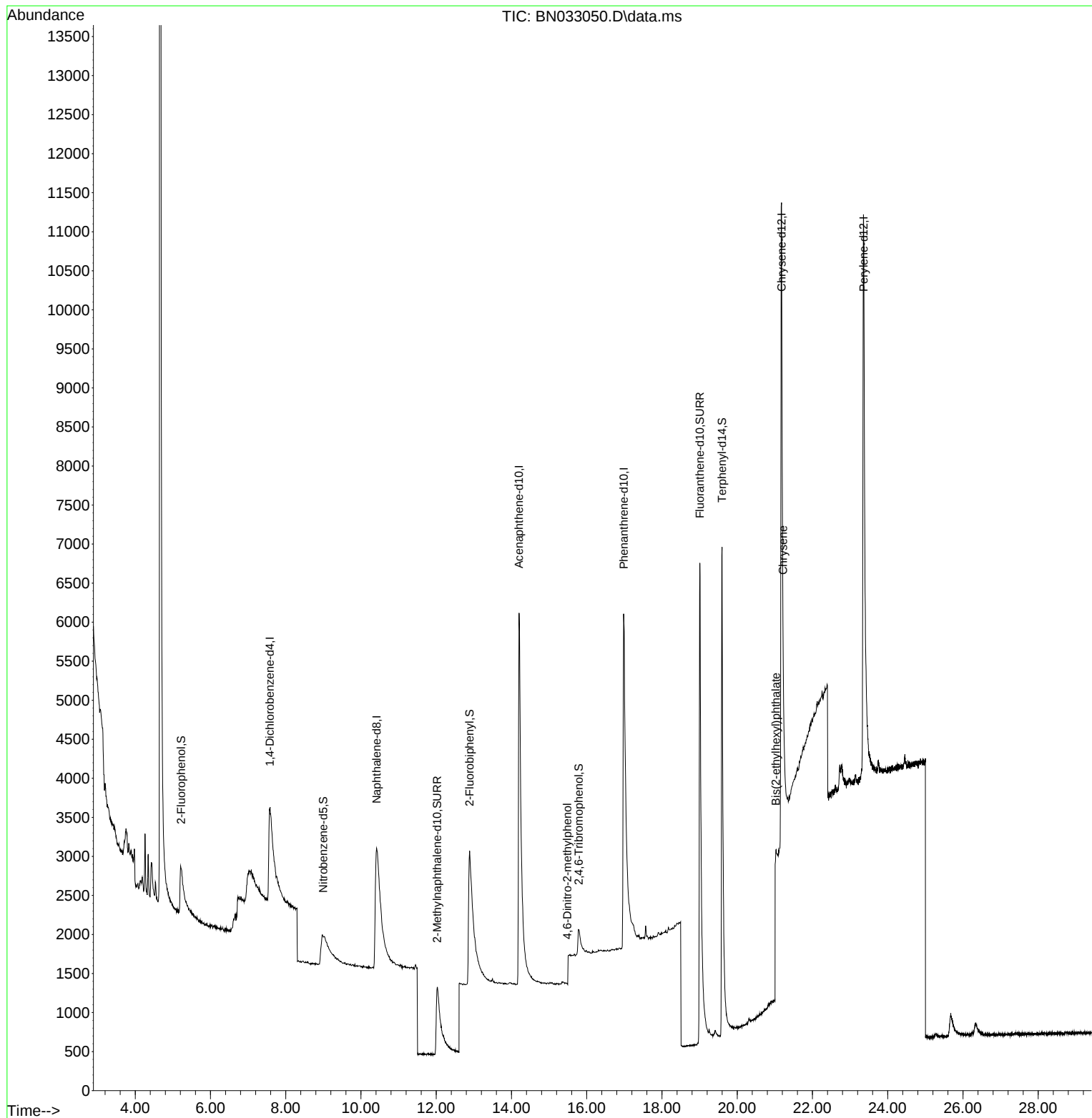
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	2648	0.400	ng	# 0.04
7) Naphthalene-d8	10.415	136	10248	0.400	ng	# 0.11
13) Acenaphthene-d10	14.201	164	8660	0.400	ng	0.02
19) Phenanthrene-d10	16.982	188	17606	0.400	ng	0.03
29) Chrysene-d12	21.178	240	17027	0.400	ng	0.01
35) Perylene-d12	23.356	264	17299	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	2316	0.346	ng	0.04
5) Phenol-d6	0.000	99	0	0.000	ng	
8) Nitrobenzene-d5	8.995	82	819	0.106	ng	0.26
11) 2-Methylnaphthalene-d10	12.026	152	5087	0.324	ng	0.11
14) 2,4,6-Tribromophenol	15.791	330	550	0.149	ng	0.07
15) 2-Fluorobiphenyl	12.886	172	7153	0.222	ng	0.08
27) Fluoranthene-d10	19.006	212	16444	0.361	ng	0.01
31) Terphenyl-d14	19.596	244	13741	0.394	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.484	198	1	0.293	ng	# 17
33) Chrysene	21.214	228	1368	0.021	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.026	149	2566	0.086	ng	# 96

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

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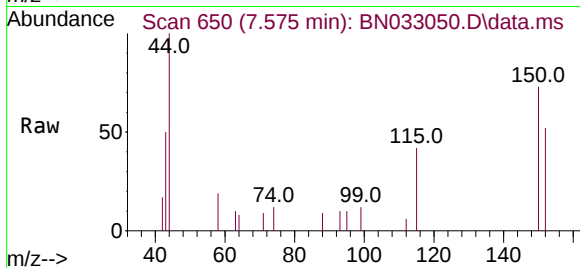
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



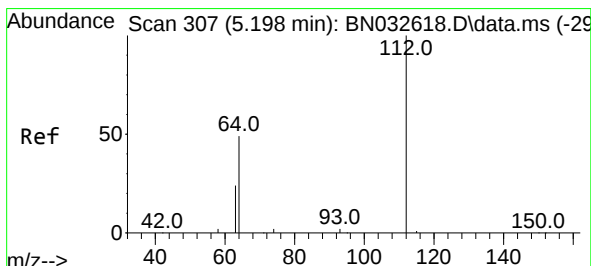
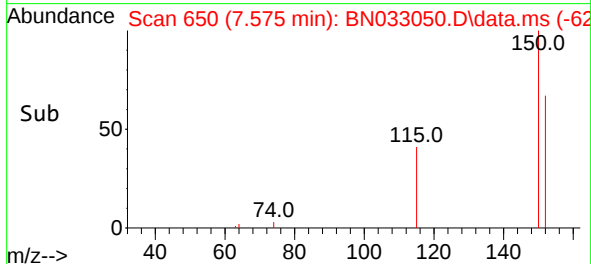
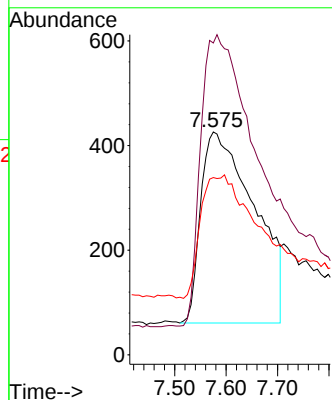


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. 0.044 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Instrument :
BNA_N
ClientSampleId :
PB162161BL

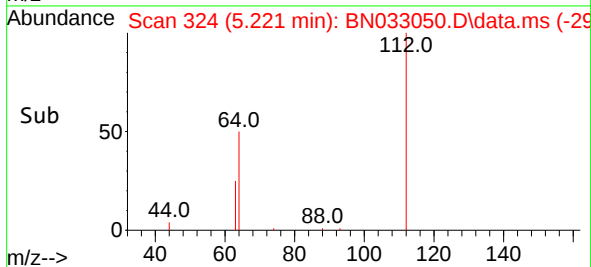
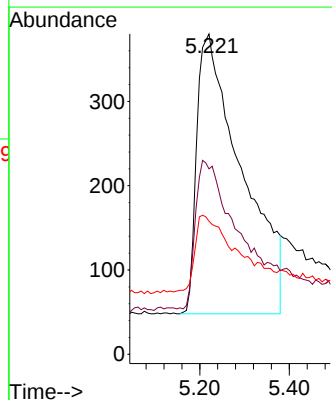
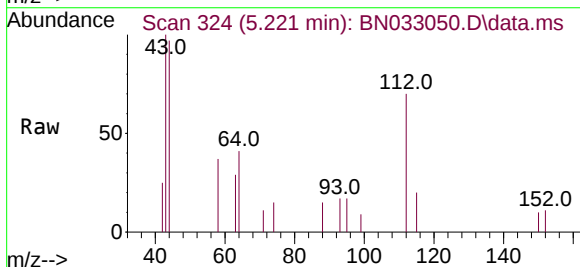


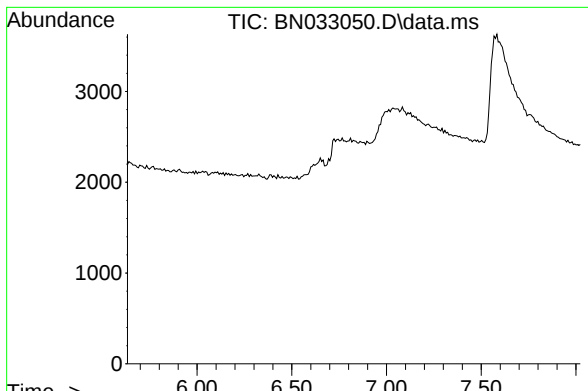
Tgt Ion:152 Resp: 2648
Ion Ratio Lower Upper
152 100
150 139.9 123.8 185.6
115 79.6 52.8 79.2#



#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.221 min Scan# 324
Delta R.T. 0.045 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Tgt Ion:112 Resp: 2316
Ion Ratio Lower Upper
112 100
64 52.6 40.2 60.4
63 26.7 22.2 33.4



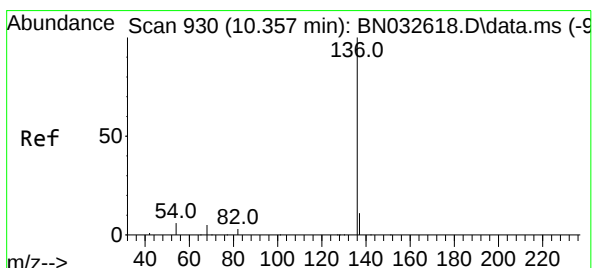
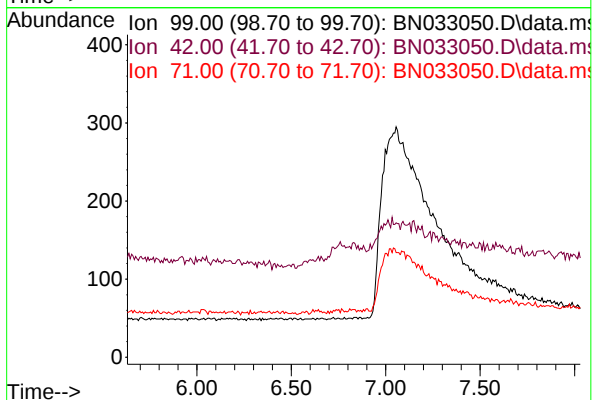


#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.78 min
 Lab File: BN033050.D
 Acq: 28 Jul 2024 01:40

Instrument :
 BNA_N
 ClientSampleId :
 PB162161BL

Tgt Ion: 99

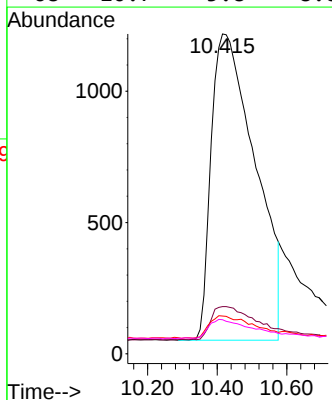
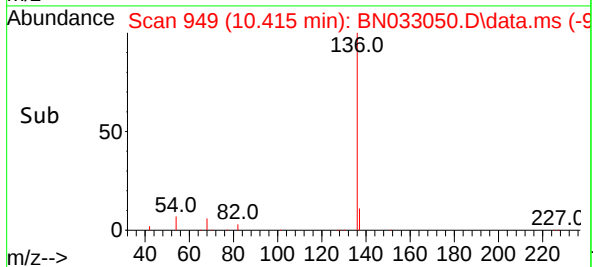
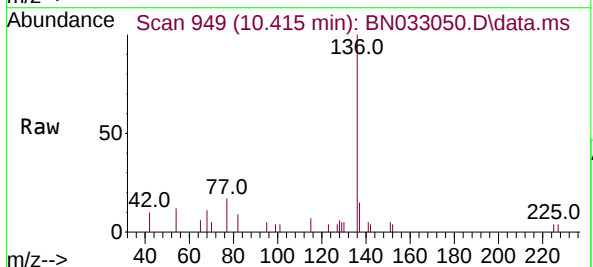
Sig	Exp Ratio
99	100
42	13.1
71	27.9

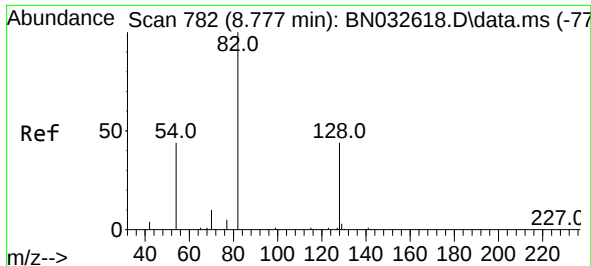


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.415 min Scan# 949
 Delta R.T. 0.111 min
 Lab File: BN033050.D
 Acq: 28 Jul 2024 01:40

Tgt Ion: 136 Resp: 10248

Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.9	14.9
54	11.8	6.5	9.7#
68	10.7	5.8	8.8#

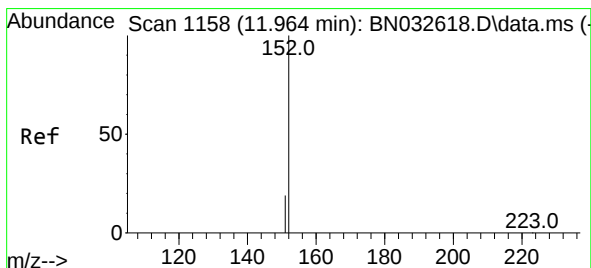
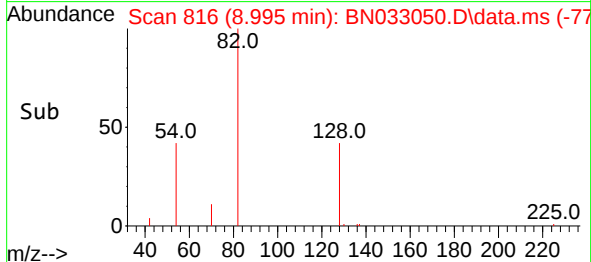
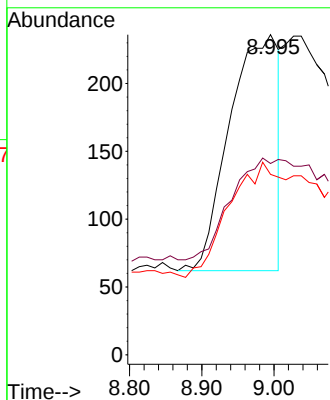
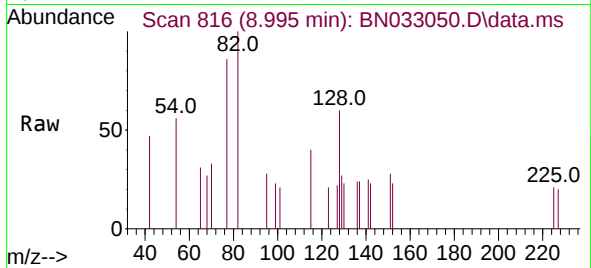




#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 8.995 min Scan# 819
Delta R.T. 0.261 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

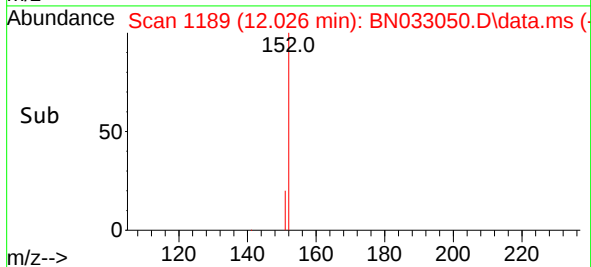
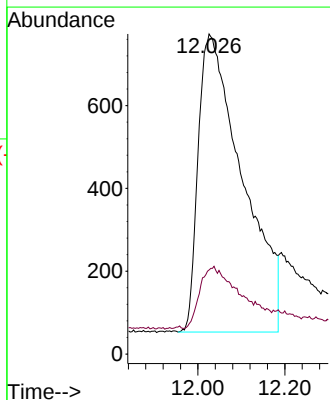
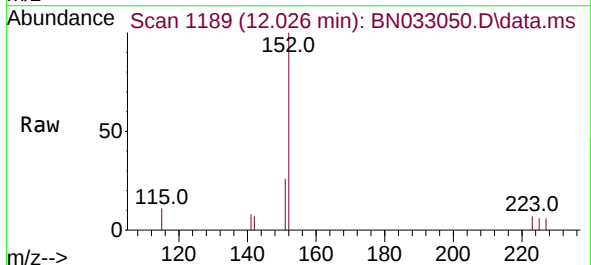
Instrument :
BNA_N
ClientSampleId :
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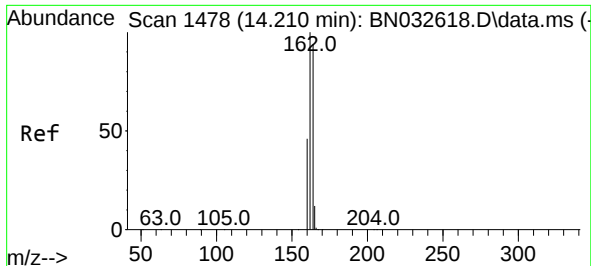
Tgt Ion: 82 Resp: 819
Ion Ratio Lower Upper
82 100
128 59.7 41.7 62.5
54 56.4 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.026 min Scan# 1189
Delta R.T. 0.111 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Tgt Ion: 152 Resp: 5087
Ion Ratio Lower Upper
152 100
151 17.3 16.2 24.2

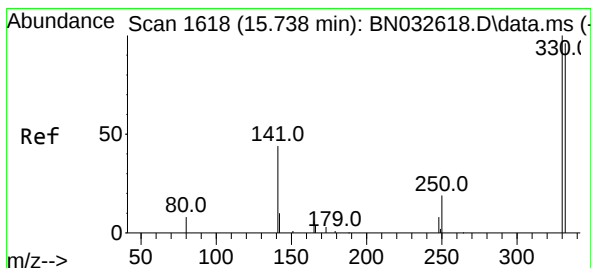
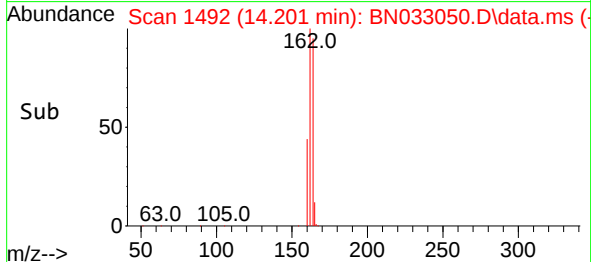
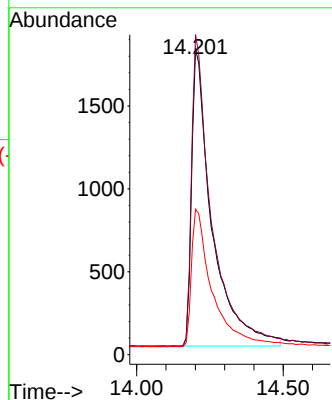
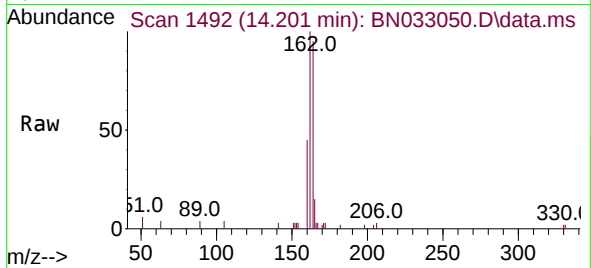




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.201 min Scan# 14
Delta R.T. 0.023 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

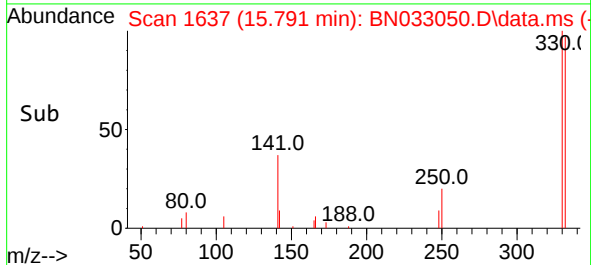
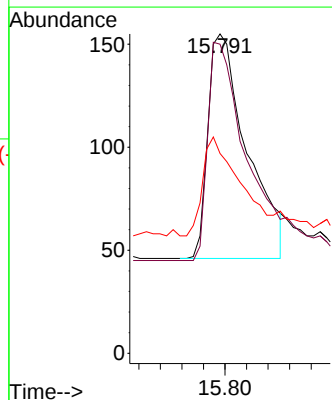
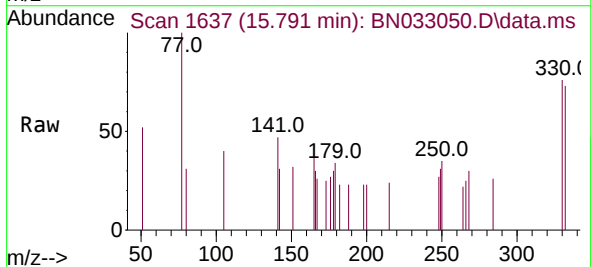
Instrument :
BNA_N
ClientSampleId :
PB162161BL

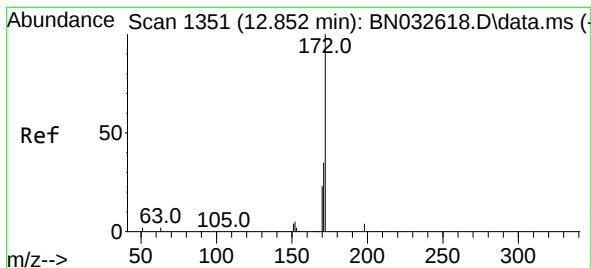
Tgt Ion:164 Resp: 8660
Ion Ratio Lower Upper
164 100
162 104.8 85.0 127.4
160 47.6 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.791 min Scan# 1637
Delta R.T. 0.065 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Tgt Ion:330 Resp: 550
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 43.1 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.222 ng

RT: 12.886 min Scan# 11

Delta R.T. 0.076 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

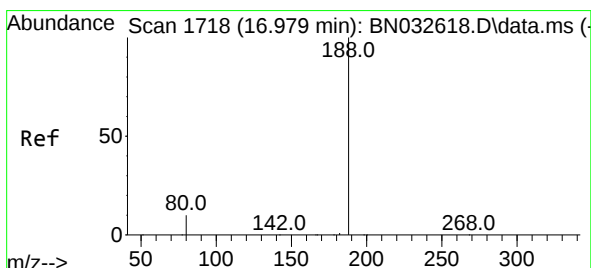
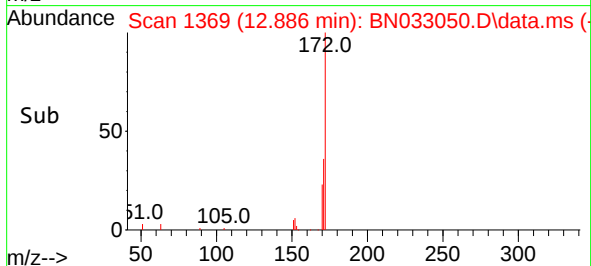
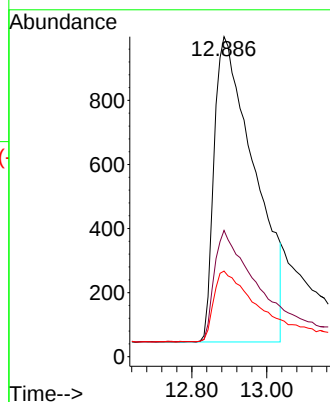
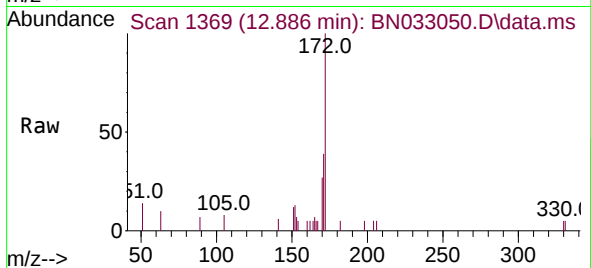
Tgt Ion:172 Resp: 7153

Ion Ratio Lower Upper

172 100

171 39.4 28.6 43.0

170 26.7 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.982 min Scan# 1733

Delta R.T. 0.028 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

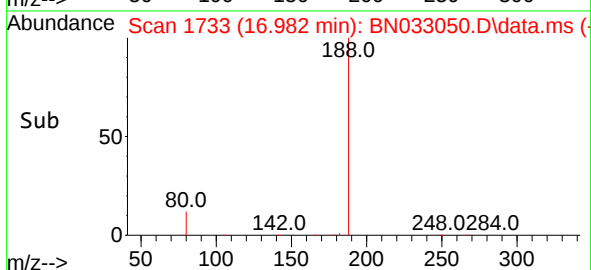
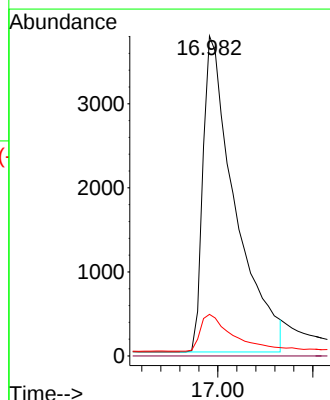
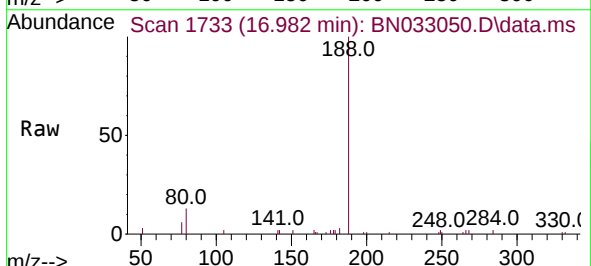
Tgt Ion:188 Resp: 17606

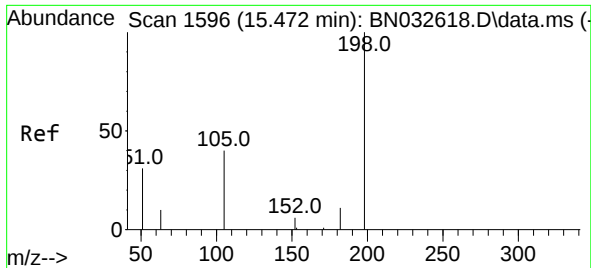
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 8.8 13.2

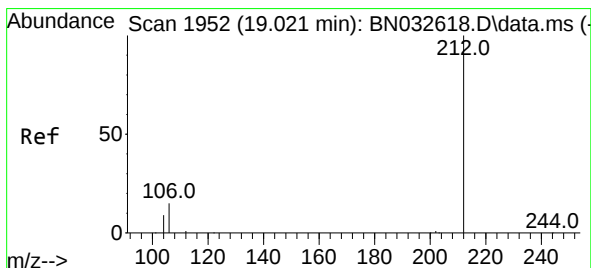
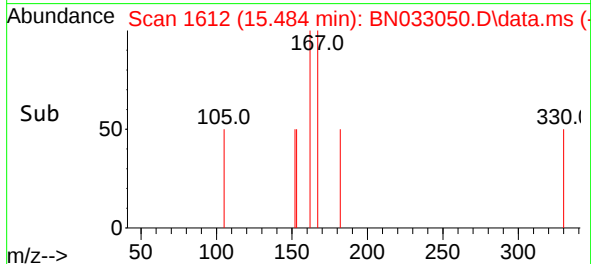
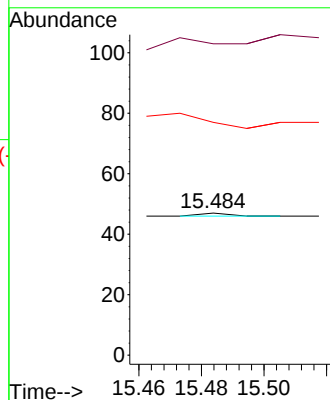
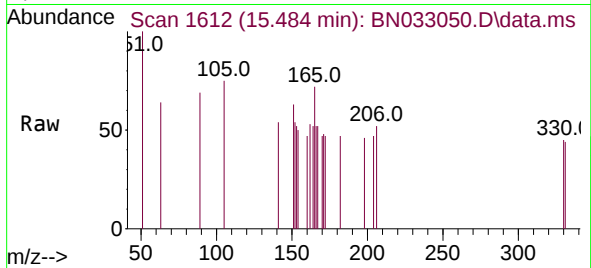




#20
4,6-Dinitro-2-methylphenol
Concen: 0.293 ng
RT: 15.484 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

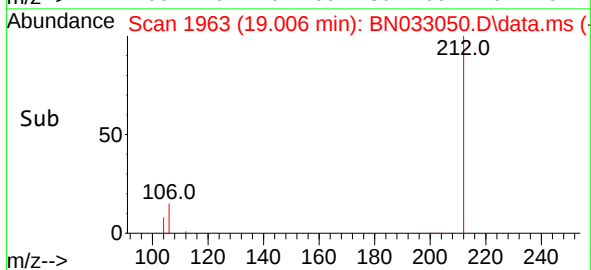
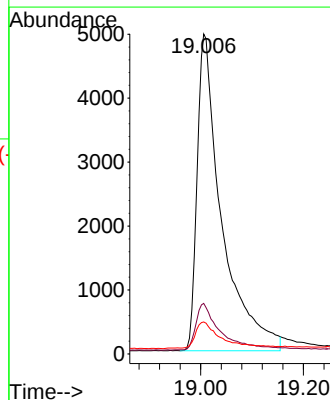
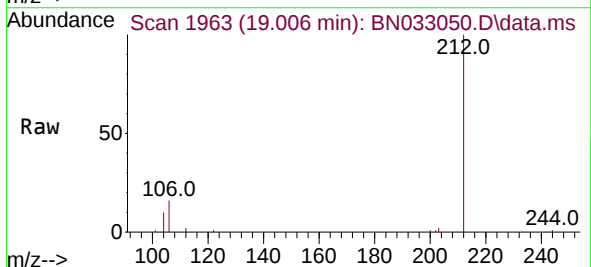
Instrument :
BNA_N
ClientSampleId :
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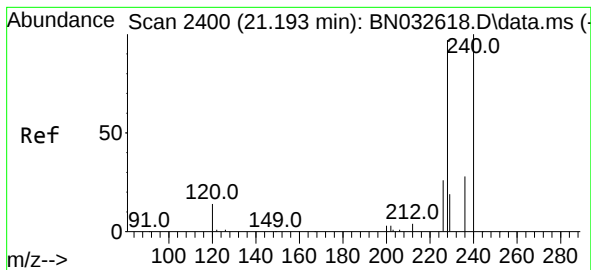
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 219.1 105.7 158.5#
105 163.8 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.006 min Scan# 1963
Delta R.T. 0.013 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Tgt Ion:212 Resp: 16444
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 8.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.178 min Scan# 2413

Delta R.T. 0.012 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

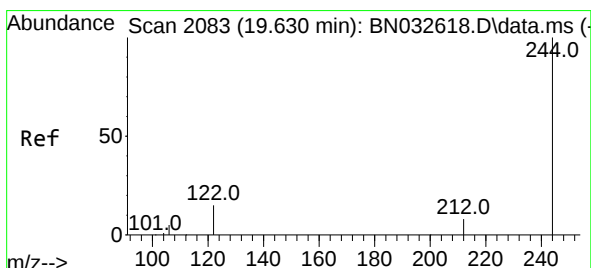
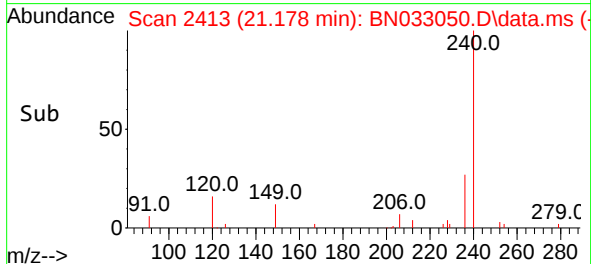
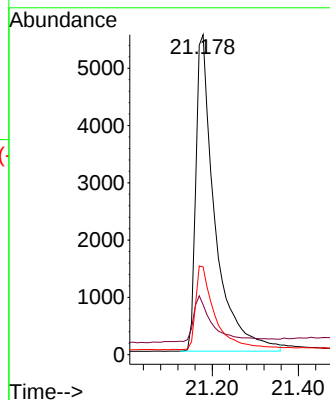
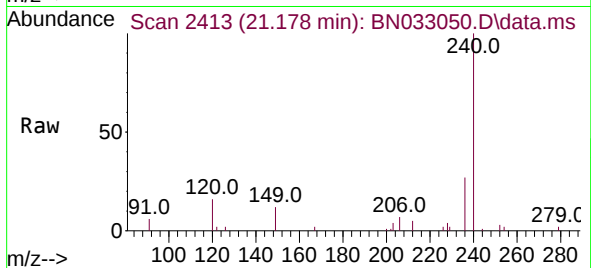
Tgt Ion:240 Resp: 17027

Ion Ratio Lower Upper

240 100

120 15.6 14.8 22.2

236 27.4 23.3 34.9



#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.596 min Scan# 2090

Delta R.T. 0.003 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

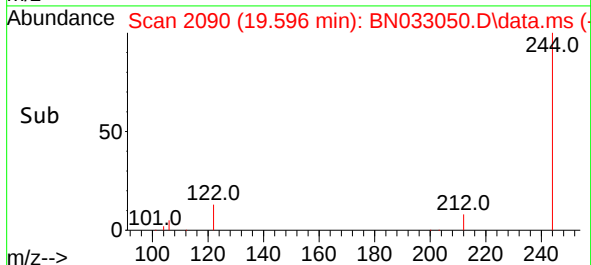
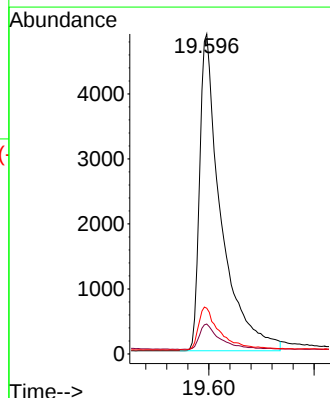
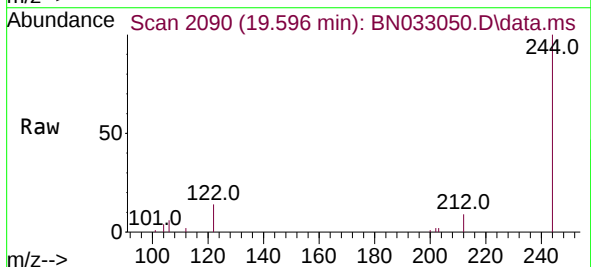
Tgt Ion:244 Resp: 13741

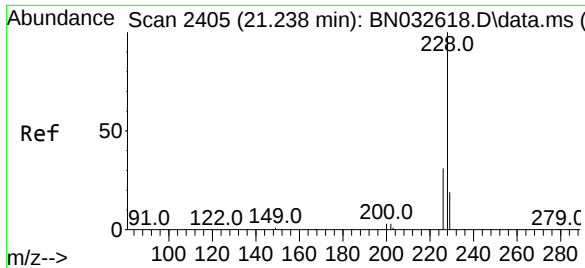
Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 14.3 12.6 19.0





#33

Chrysene

Concen: 0.021 ng

RT: 21.214 min Scan# 2417

Delta R.T. 0.012 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

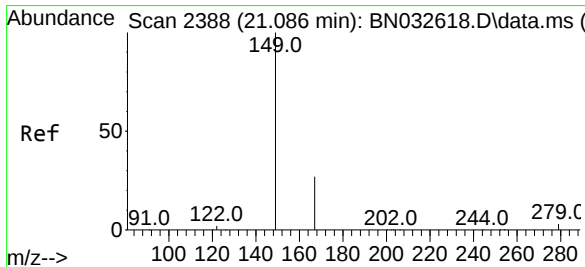
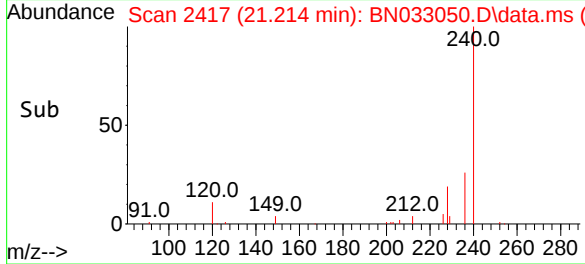
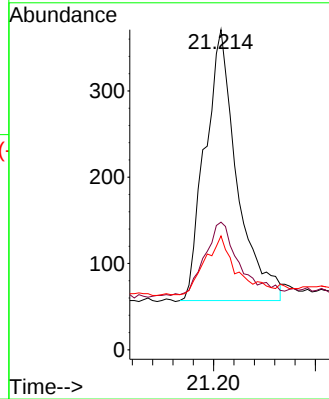
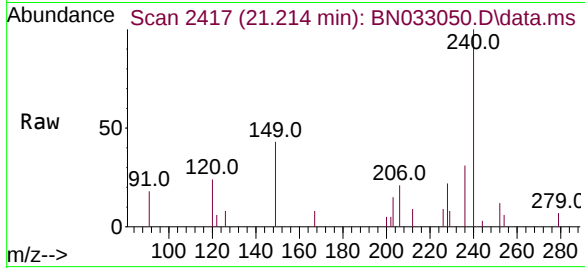
Tgt Ion:228 Resp: 1368

Ion Ratio Lower Upper

228 100

226 39.9 24.2 36.2#

229 35.6 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.026 min Scan# 2396

Delta R.T. -0.024 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

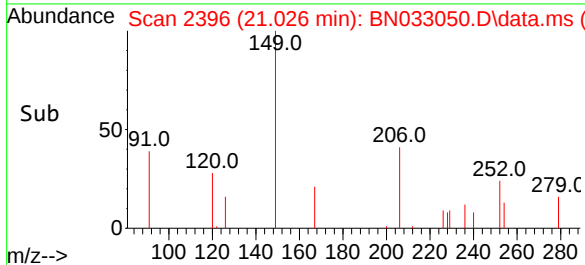
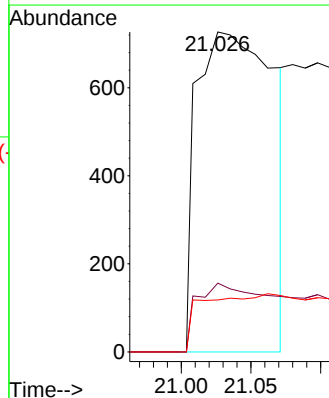
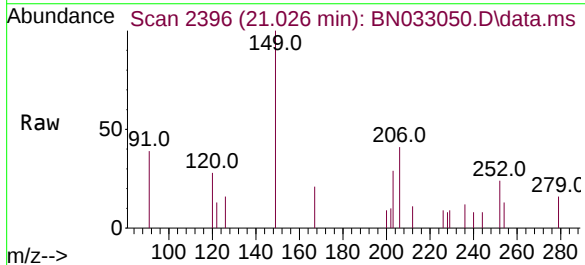
Tgt Ion:149 Resp: 2566

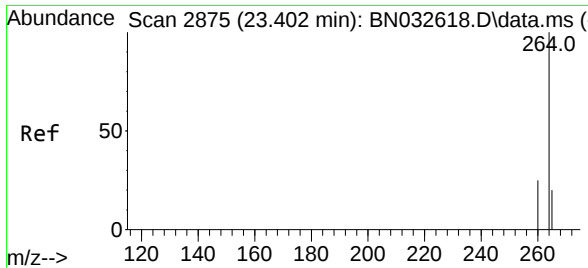
Ion Ratio Lower Upper

149 100

167 25.1 21.4 32.2

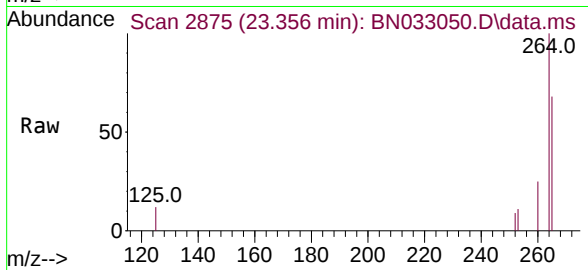
279 0.0 2.8 4.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.356 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Instrument :
BNA_N
ClientSampleId :
PB162161BL



Tgt Ion:264 Resp: 17299
Ion Ratio Lower Upper
264 100
260 25.4 20.9 31.3
265 68.4 85.4 128.2#

