

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037175.D
 Acq On : 05 Jun 2025 11:31
 Operator : RC/JU
 Sample : Q2186-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-720-722

Quant Time: Jun 05 12:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

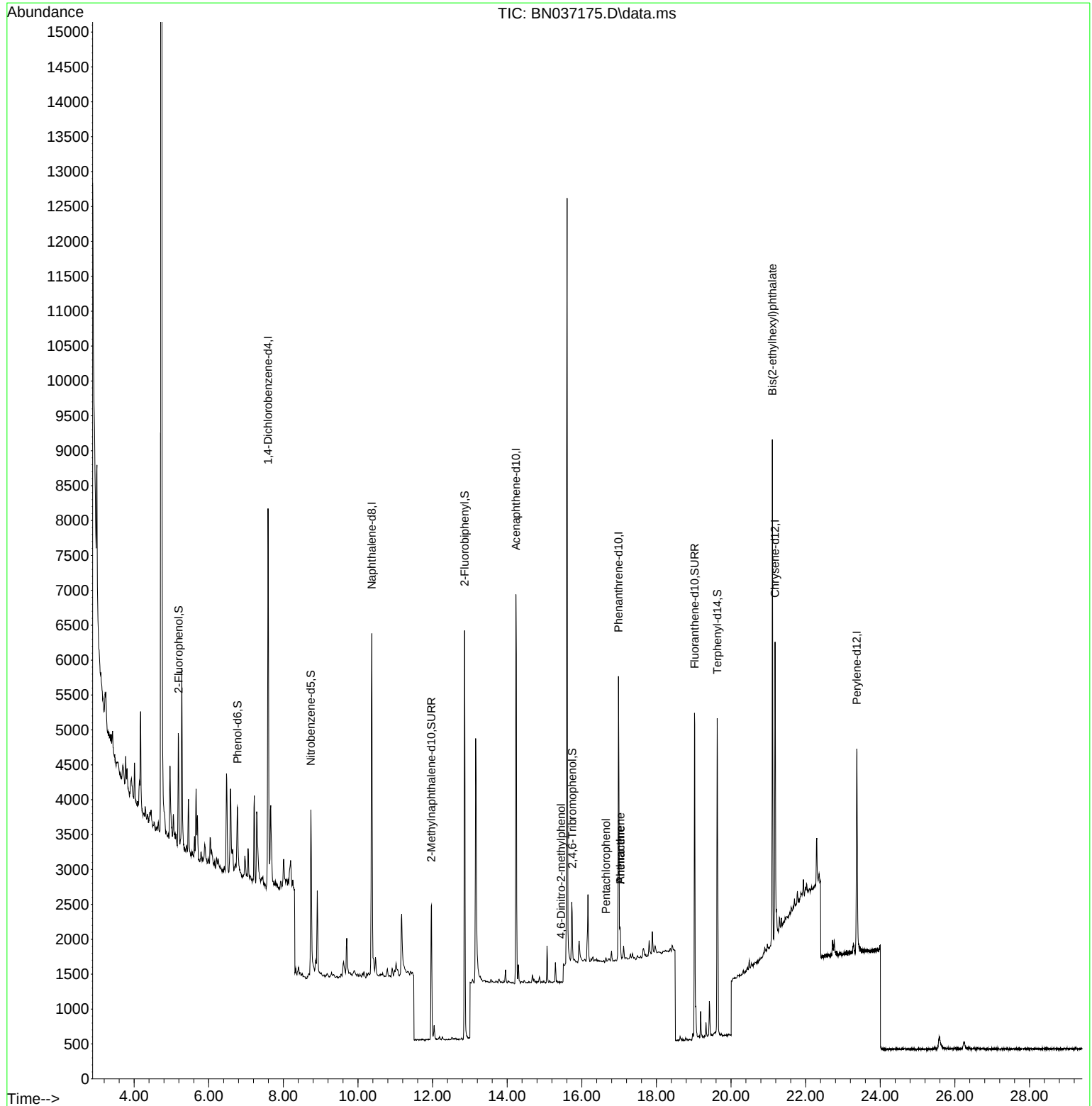
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2566	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	6337	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	3154	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5452	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3972	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	3875	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1056	0.166	ng	0.00
5) Phenol-d6	6.773	99	777	0.101	ng	0.00
8) Nitrobenzene-d5	8.739	82	2121	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2796	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	482	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	5094	0.379	ng	0.00
27) Fluoranthene-d10	19.022	212	5128	0.370	ng	0.00
31) Terphenyl-d14	19.630	244	4099	0.438	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.443	198	6	0.278	ng	# 1
24) Pentachlorophenol	16.649	266	19	0.223	ng	# 72
25) Phenanthrene	17.033	178	514	0.029	ng	98
26) Anthracene	17.033	178	514	0.032	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	5955	0.656	ng	99

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

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BP-VPB-182-GW-720-722

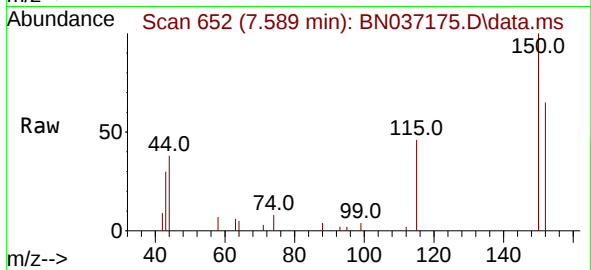
Quant Time: Jun 05 12:08:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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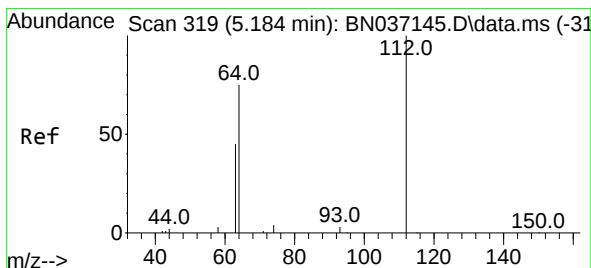
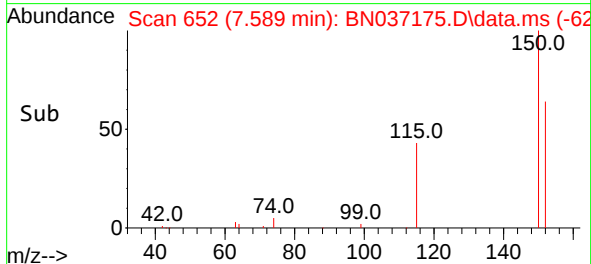
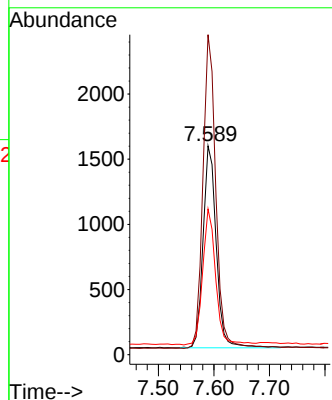


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-720-722

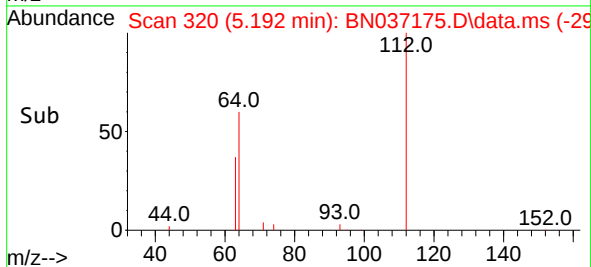
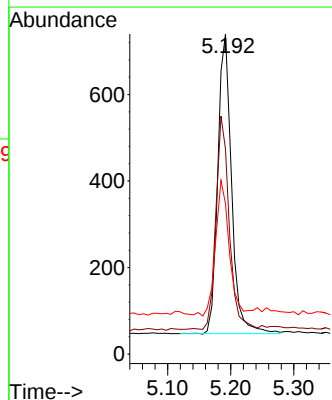
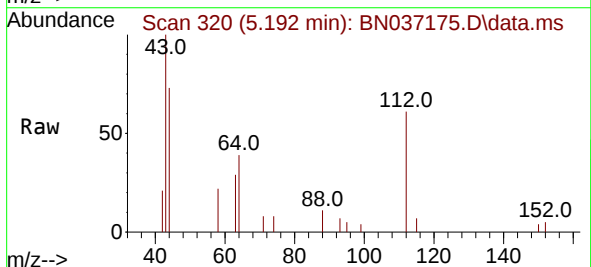


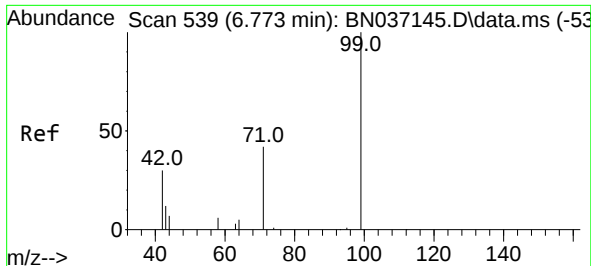
Tgt Ion:152 Resp: 2566
Ion Ratio Lower Upper
152 100
150 153.3 123.2 184.8
115 69.9 56.6 85.0



#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

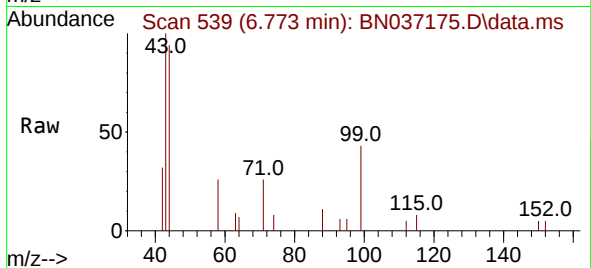
Tgt Ion:112 Resp: 1056
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 43.7 36.2 54.4



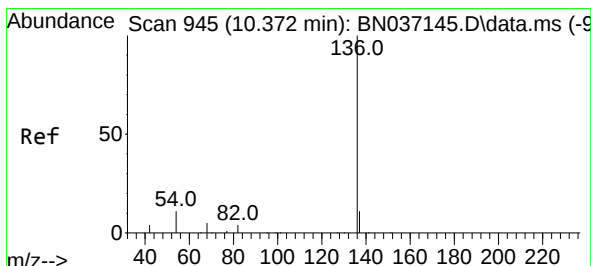
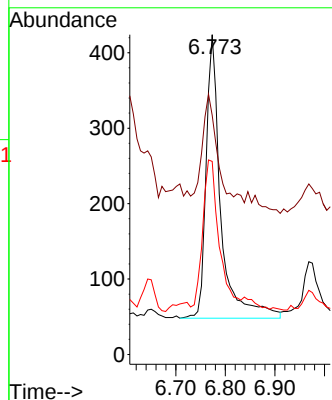
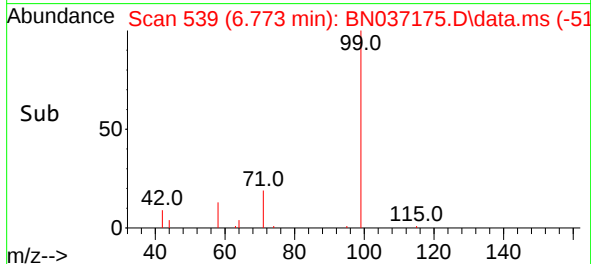


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

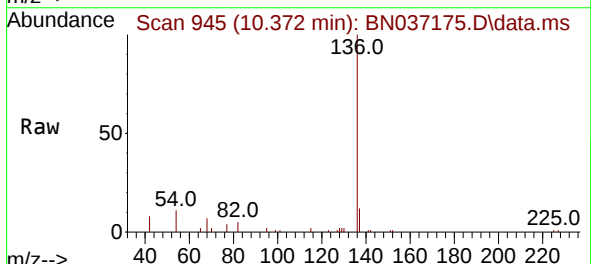
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-720-722



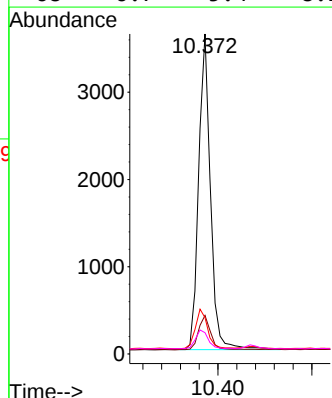
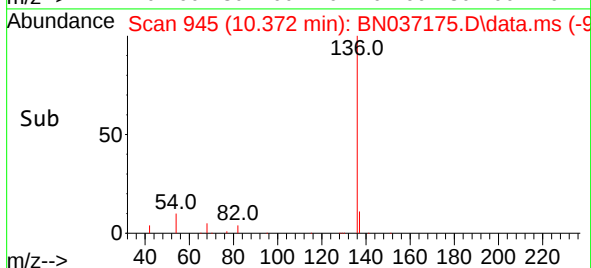
Tgt Ion	Ratio	Lower	Upper
99	100		
42	38.2	31.3	46.9
71	56.1	38.2	57.2

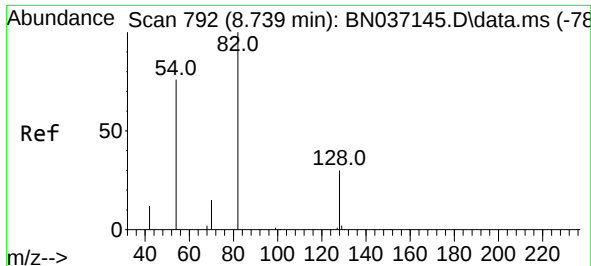


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	11.3	9.7	14.5
68	6.7	5.4	8.2

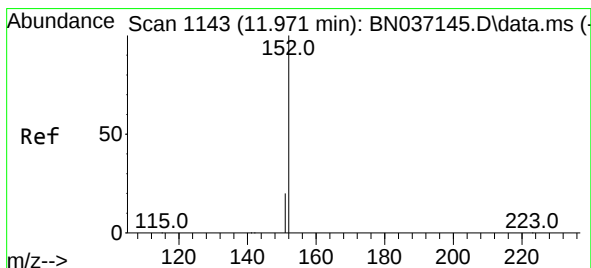
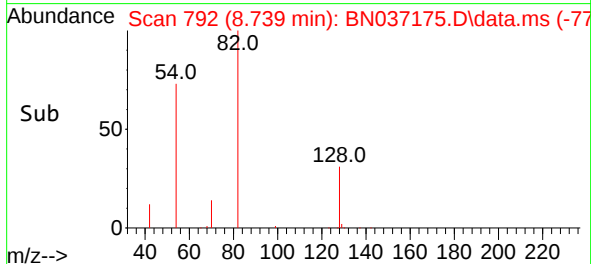
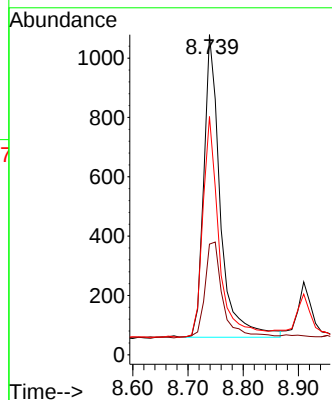
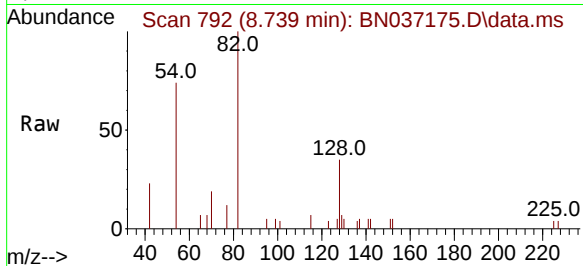




#8
 Nitrobenzene-d5
 Concen: 0.317 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037175.D
 Acq: 05 Jun 2025 11:31

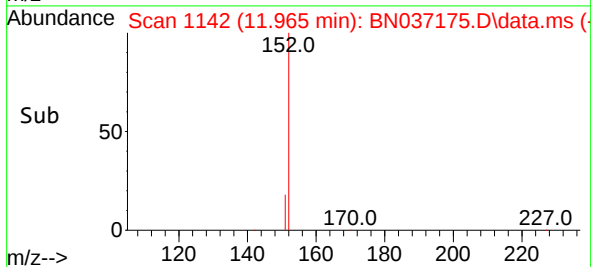
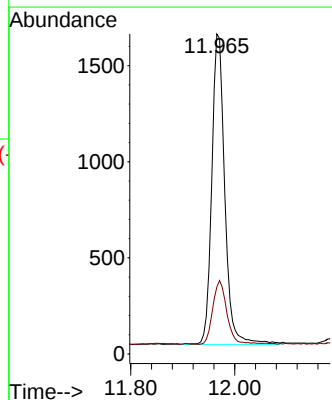
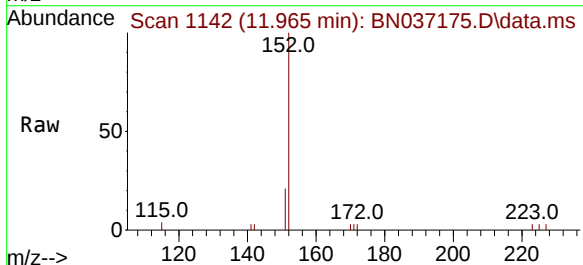
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-720-722

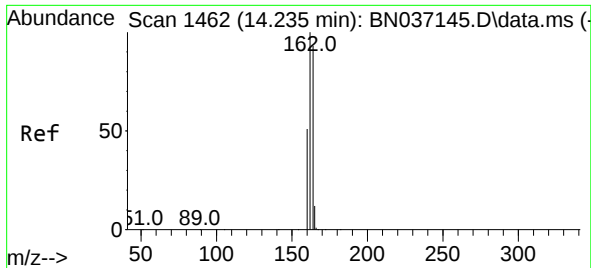
Tgt Ion:	82	Resp:	2121
Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.9	40.3
54	74.4	61.4	92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 11.965 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037175.D
 Acq: 05 Jun 2025 11:31

Tgt Ion:	152	Resp:	2796
Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7

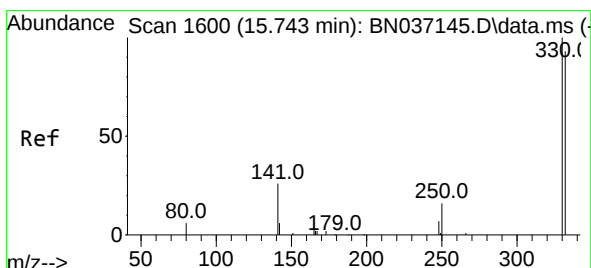
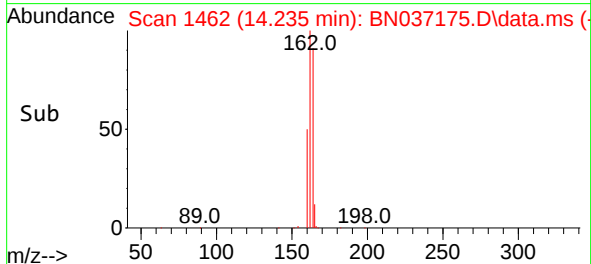
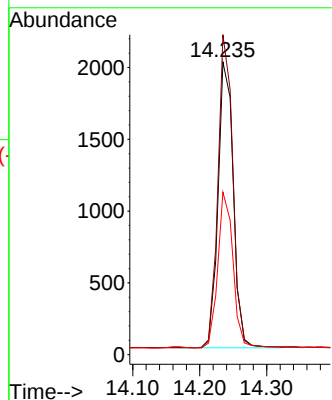
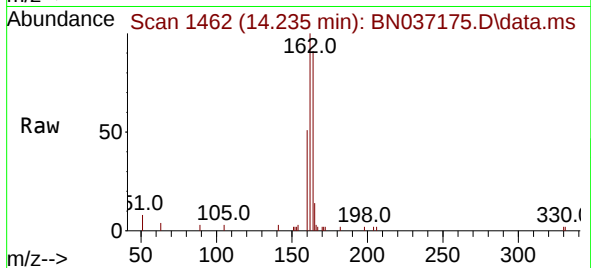




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

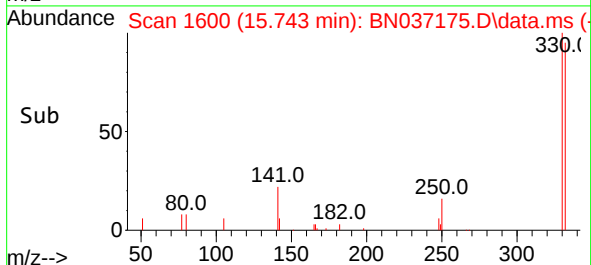
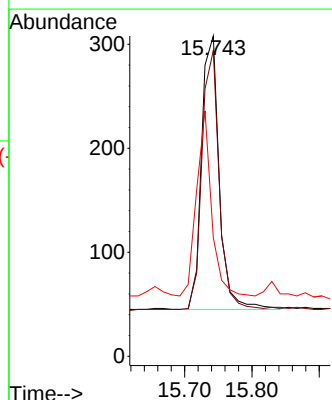
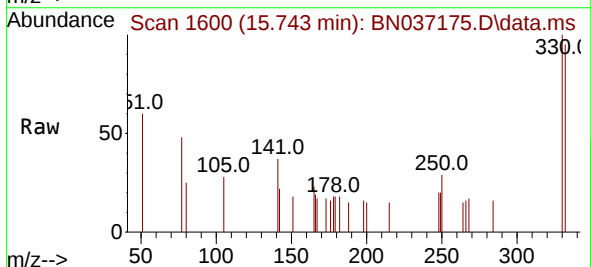
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-720-722

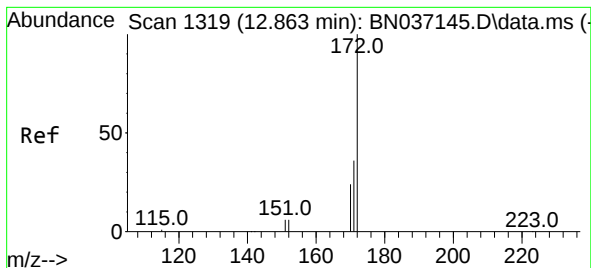
Tgt Ion:164 Resp: 3154
Ion Ratio Lower Upper
164 100
162 109.4 85.5 128.3
160 55.5 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

Tgt Ion:330 Resp: 482
Ion Ratio Lower Upper
330 100
332 92.1 77.1 115.7
141 58.1 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.379 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037175.D

Acq: 05 Jun 2025 11:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-720-722

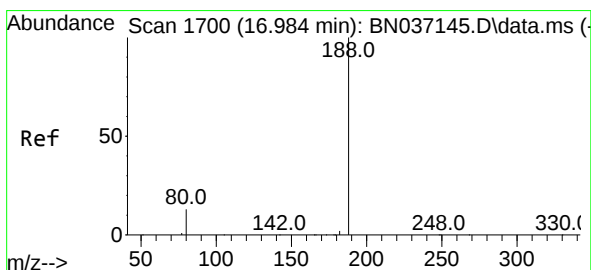
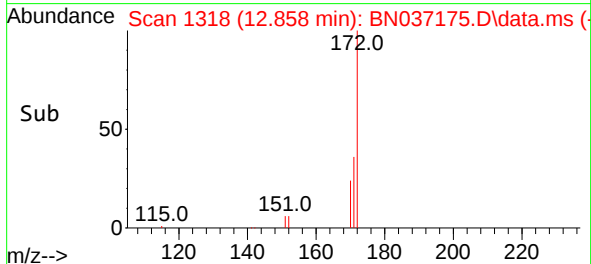
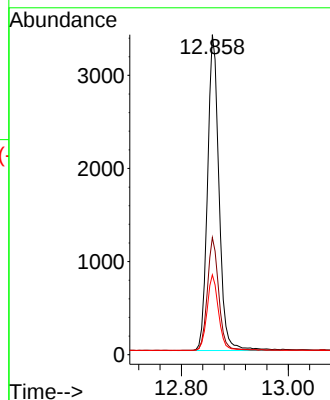
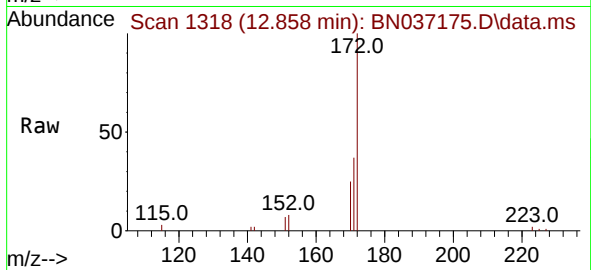
Tgt Ion:172 Resp: 5094

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 25.0 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. -0.000 min

Lab File: BN037175.D

Acq: 05 Jun 2025 11:31

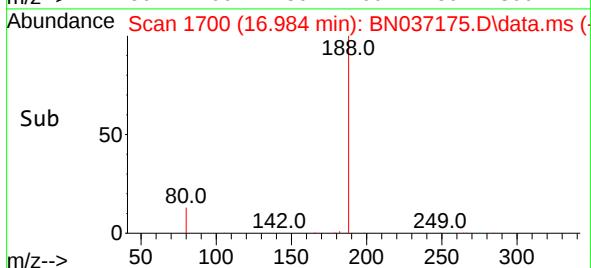
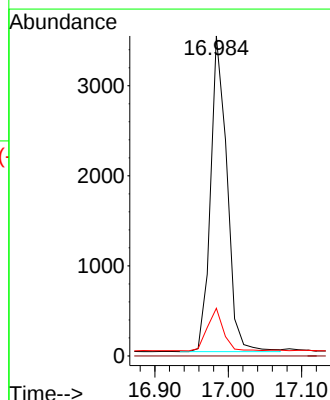
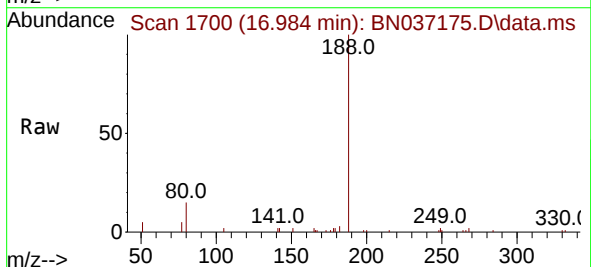
Tgt Ion:188 Resp: 5452

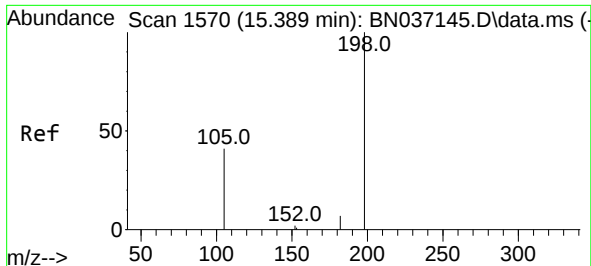
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.3 16.9

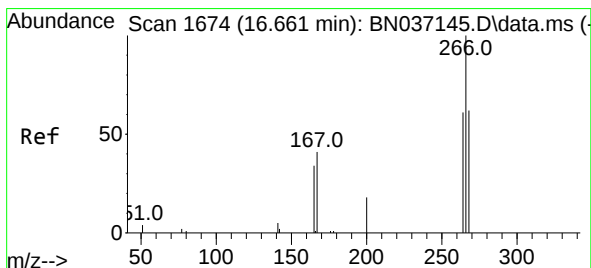
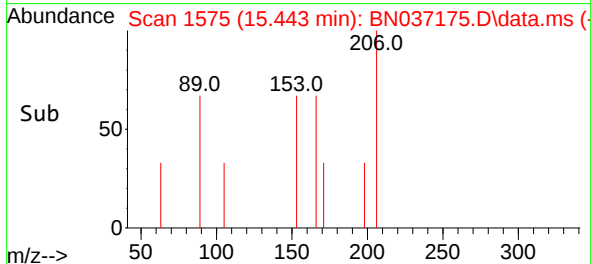
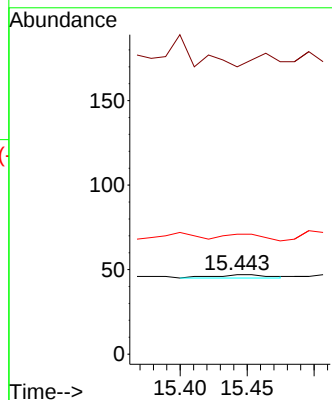
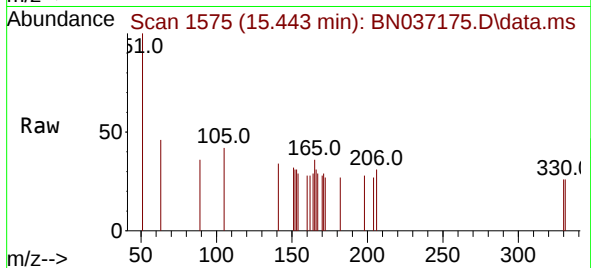




#20
4,6-Dinitro-2-methylphenol
Concen: 0.278 ng
RT: 15.443 min Scan# 1575
Delta R.T. 0.054 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

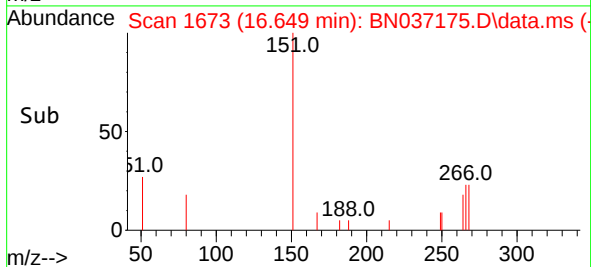
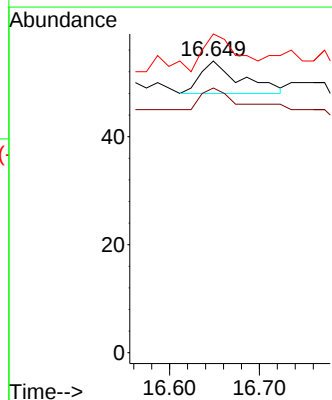
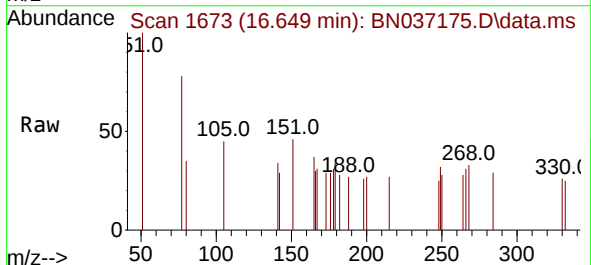
Instrument :
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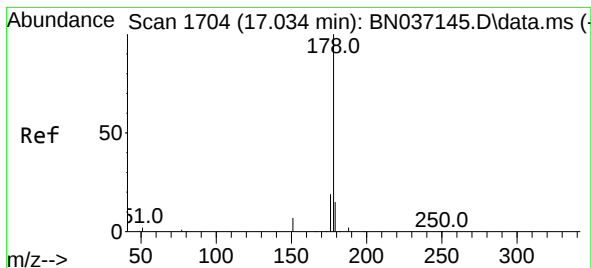
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 361.7 125.2 187.8#
105 151.1 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.223 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 57.9 49.3 73.9
268 100.0 49.0 73.4#





#25

Phenanthrene

Concen: 0.029 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BN037175.D

Acq: 05 Jun 2025 11:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-720-722

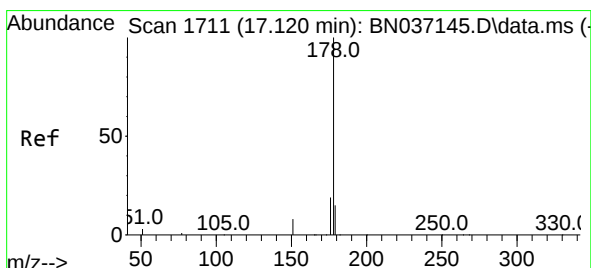
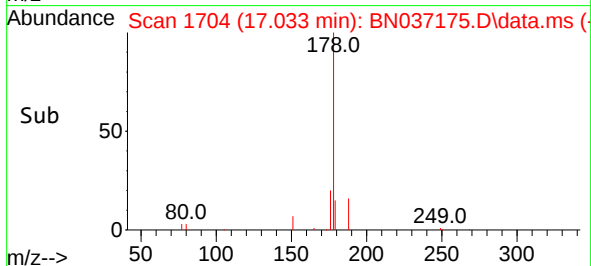
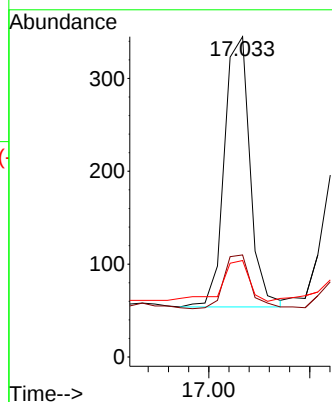
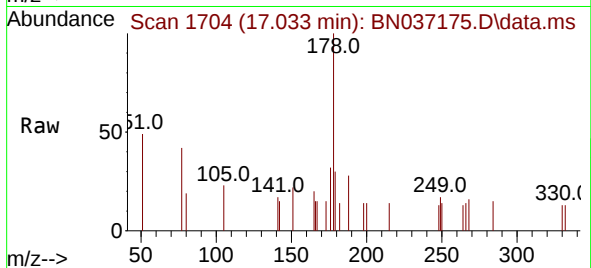
Tgt Ion:178 Resp: 514

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

179 16.1 12.3 18.5



#26

Anthracene

Concen: 0.032 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.087 min

Lab File: BN037175.D

Acq: 05 Jun 2025 11:31

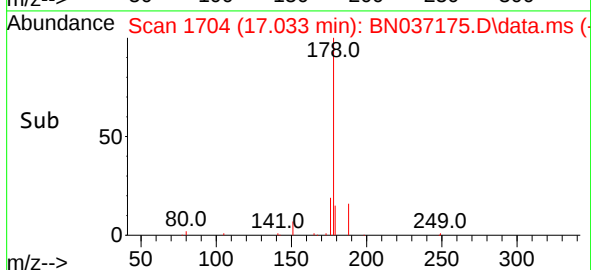
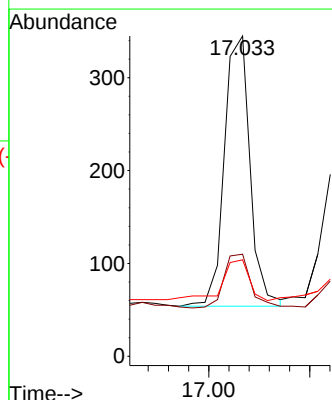
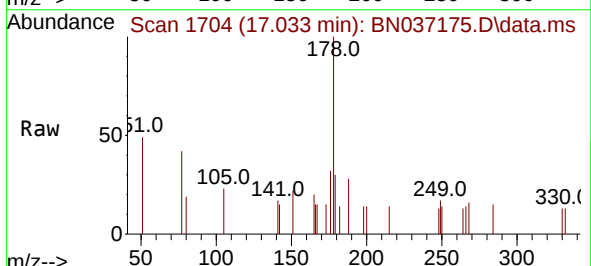
Tgt Ion:178 Resp: 514

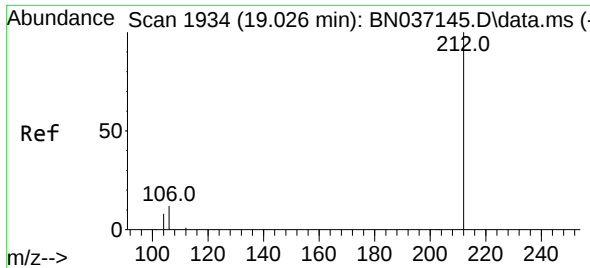
Ion Ratio Lower Upper

178 100

176 20.8 15.2 22.8

179 16.0 12.9 19.3

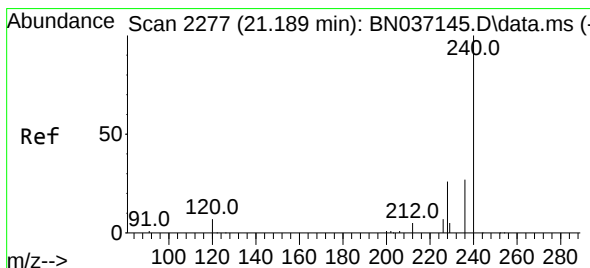
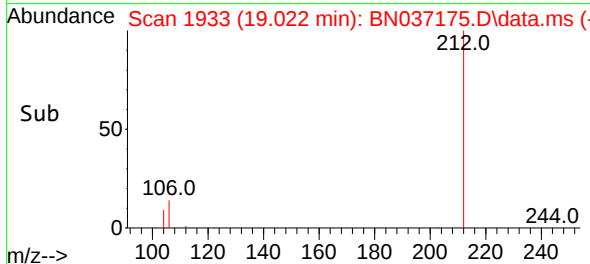
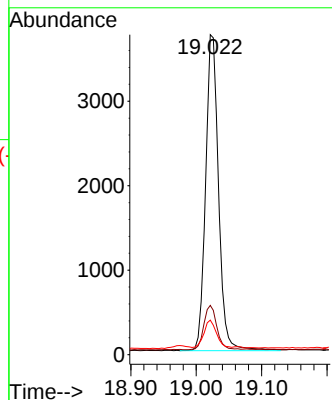
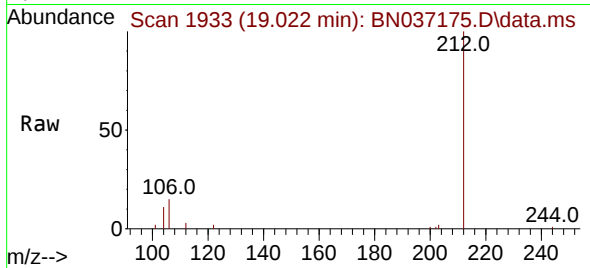




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.022 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

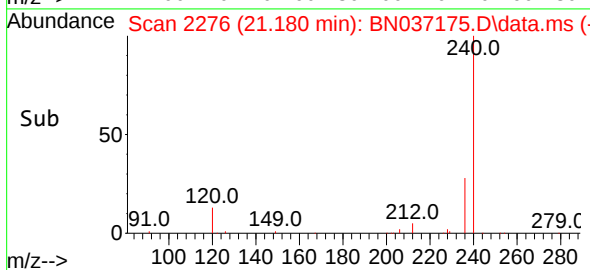
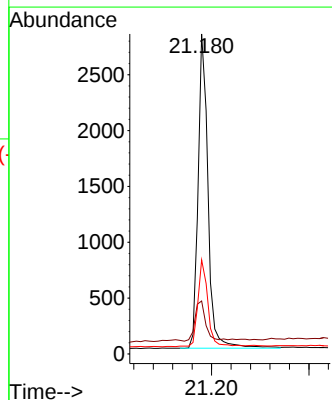
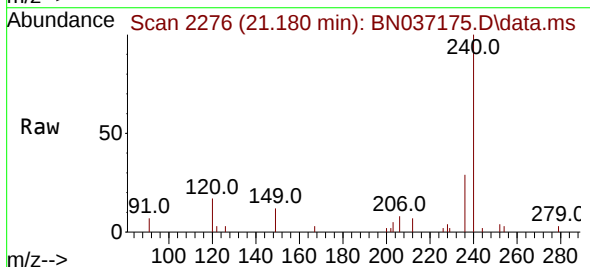
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-720-722

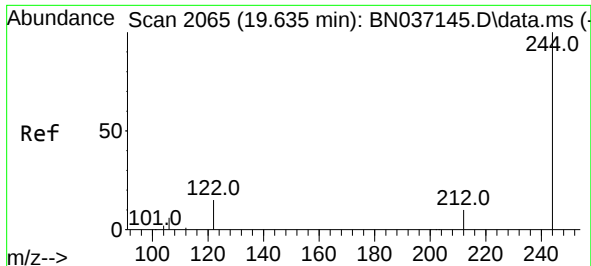
Tgt Ion:212 Resp: 5128
Ion Ratio Lower Upper
212 100
106 14.2 10.6 15.8
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

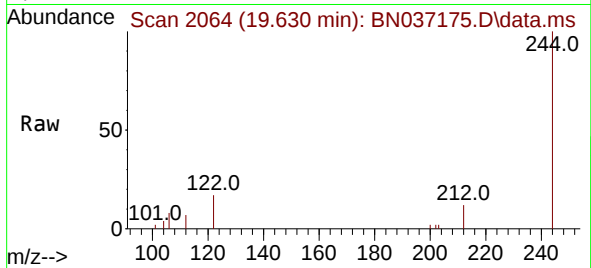
Tgt Ion:240 Resp: 3972
Ion Ratio Lower Upper
240 100
120 16.5 9.0 13.4#
236 29.4 23.0 34.4





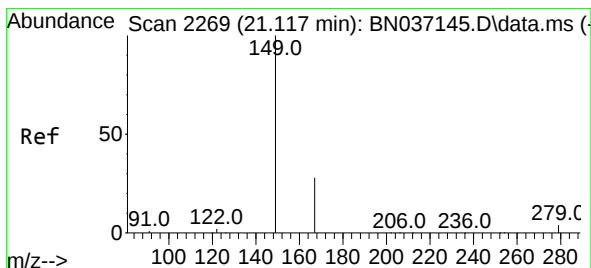
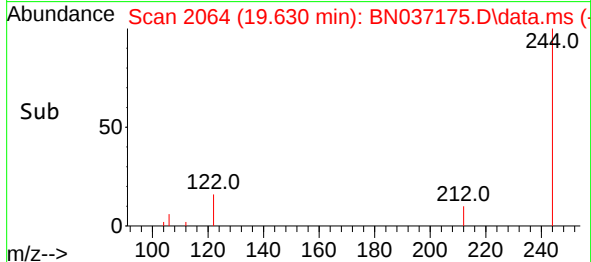
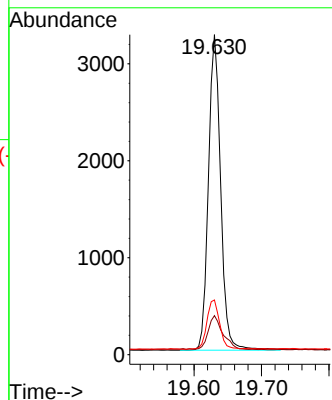
#31
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037175.D
 Acq: 05 Jun 2025 11:31

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-720-722



Tgt Ion:244 Resp: 4099

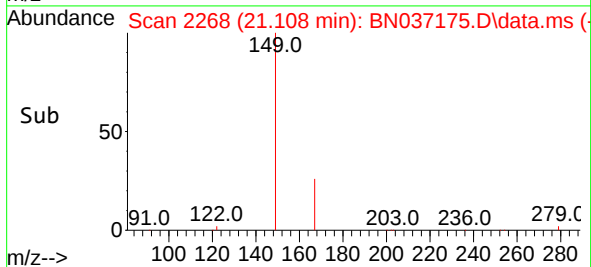
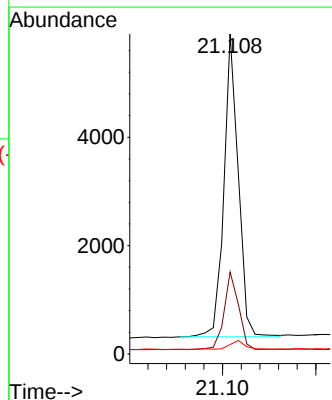
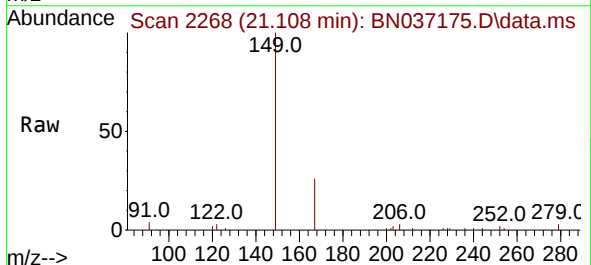
Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.0	15.0
122	17.1	13.2	19.8

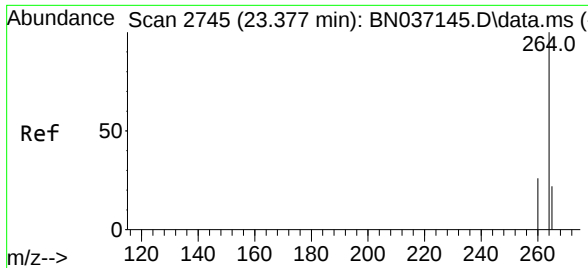


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.656 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037175.D
 Acq: 05 Jun 2025 11:31

Tgt Ion:149 Resp: 5955

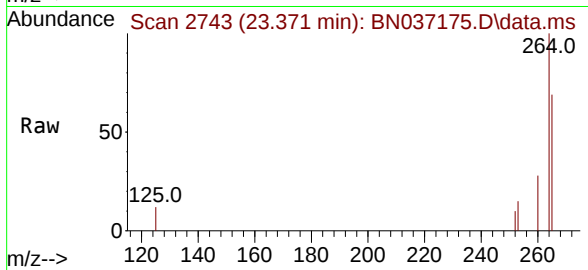
Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.2	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037175.D
Acq: 05 Jun 2025 11:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-720-722



Tgt Ion:264 Resp: 3875
Ion Ratio Lower Upper
264 100
260 28.1 22.1 33.1
265 68.7 55.8 83.8

