

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037274.D
 Acq On : 14 Jun 2025 23:07
 Operator : RC/JU
 Sample : PB168476BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168476BL

Quant Time: Jun 16 02:46:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

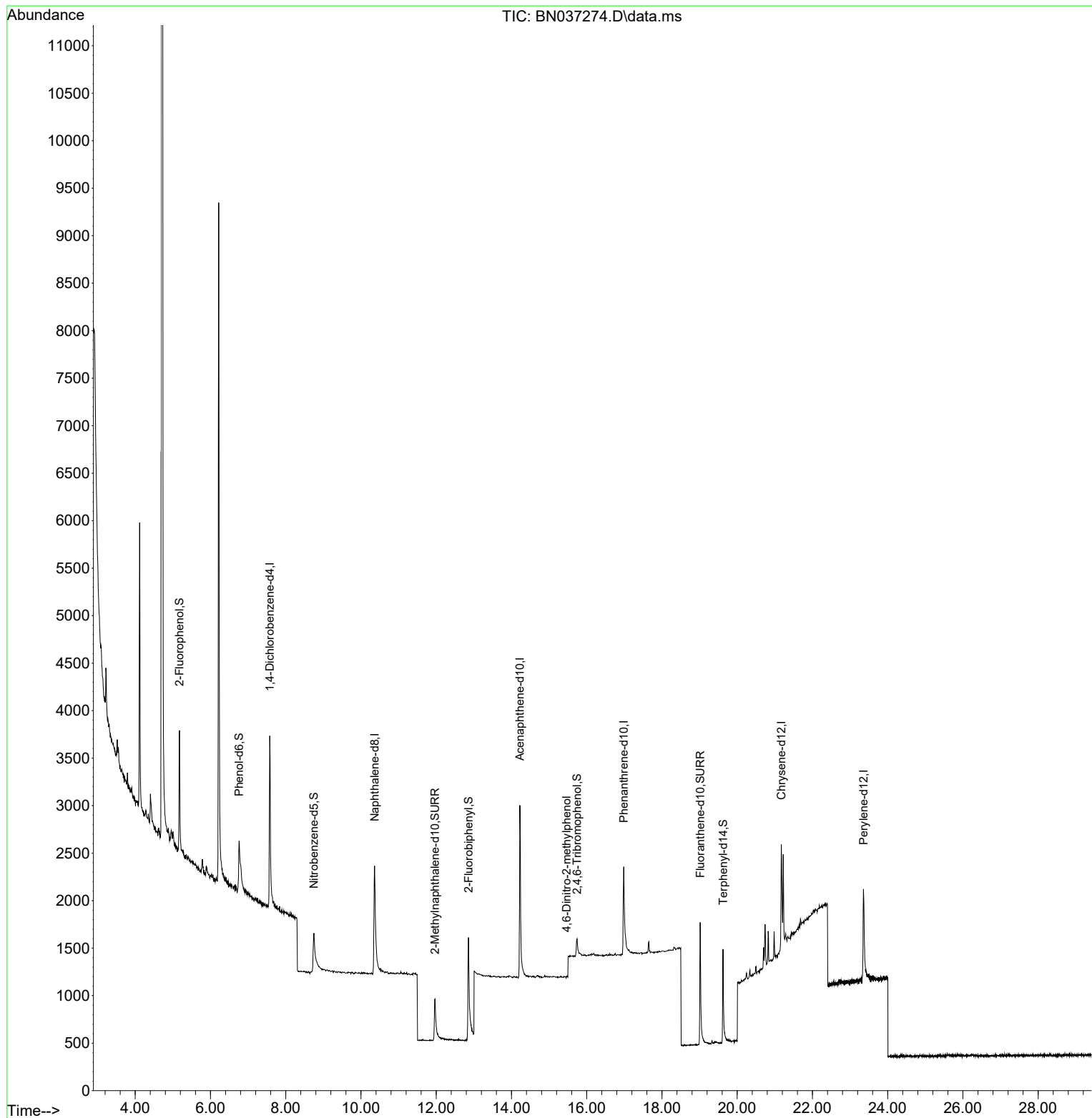
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1111	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	2537	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1345	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2242	0.400	ng	0.01
29) Chrysene-d12	21.171	240	1645	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	1590	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	979	0.359	ng	0.00
5) Phenol-d6	6.759	99	862	0.300	ng	0.00
8) Nitrobenzene-d5	8.749	82	737	0.294	ng	0.02
11) 2-Methylnaphthalene-d10	11.965	152	1137	0.334	ng	0.01
14) 2,4,6-Tribromophenol	15.742	330	182	0.326	ng	0.01
15) 2-Fluorobiphenyl	12.858	172	1901	0.336	ng	0.01
27) Fluoranthene-d10	19.017	212	2116	0.361	ng	0.00
31) Terphenyl-d14	19.625	244	1410	0.379	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.464	198	1	0.118	ng	# 47

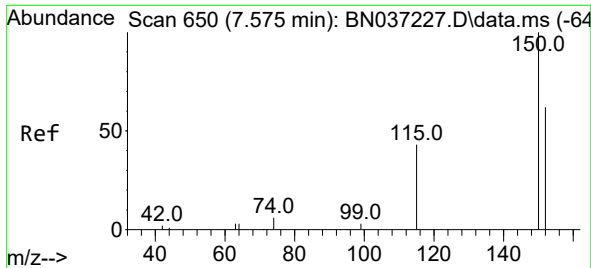
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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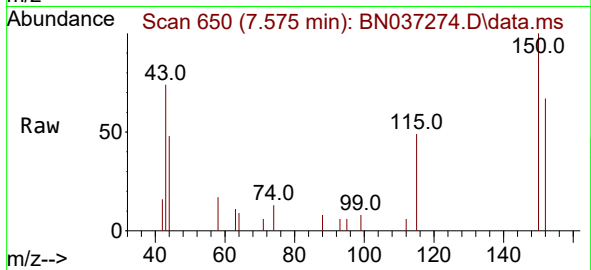
Quant Time: Jun 16 02:46:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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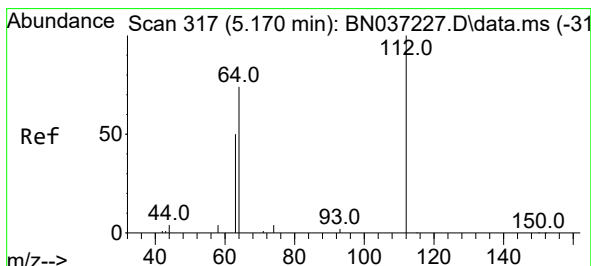
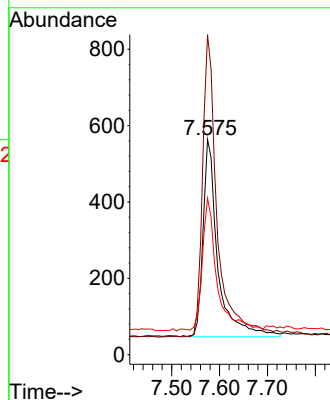
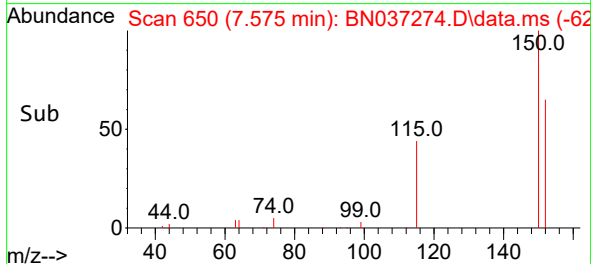


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

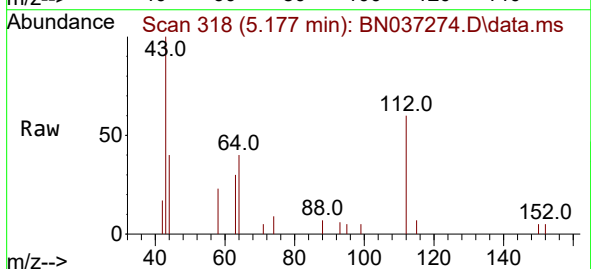
Instrument :
BNA_N
ClientSampleId :
PB168476BL



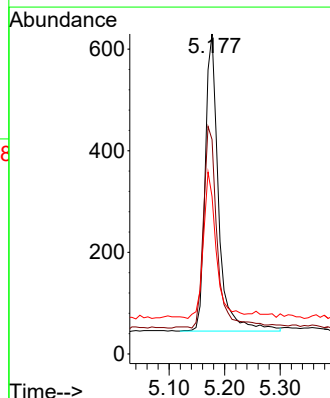
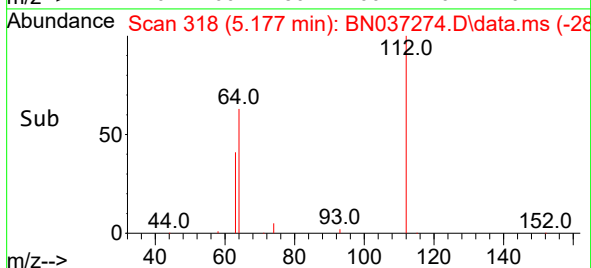
Tgt Ion:152 Resp: 1111
Ion Ratio Lower Upper
152 100
150 148.6 125.2 187.8
115 72.7 58.4 87.6

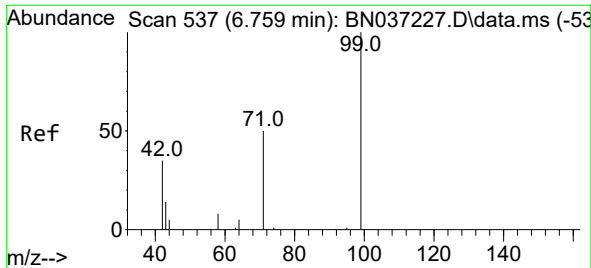


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07



Tgt Ion:112 Resp: 979
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 47.5 39.8 59.6

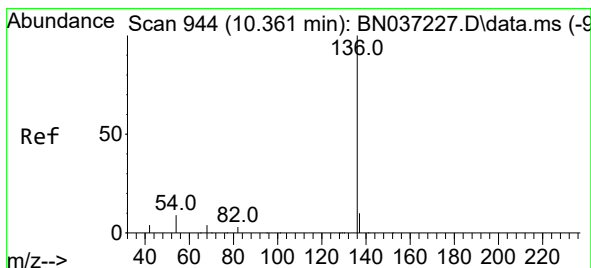
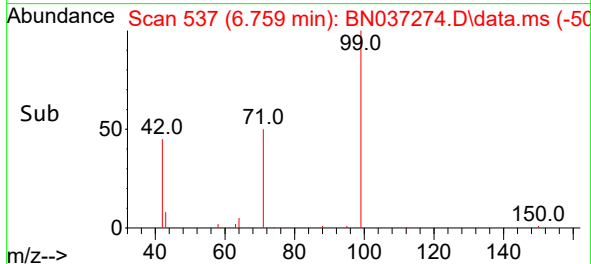
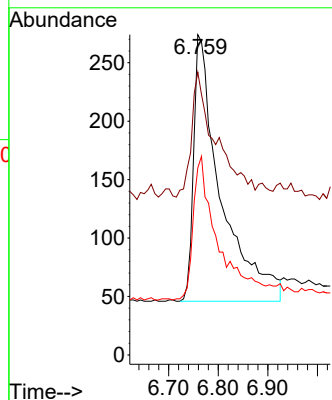
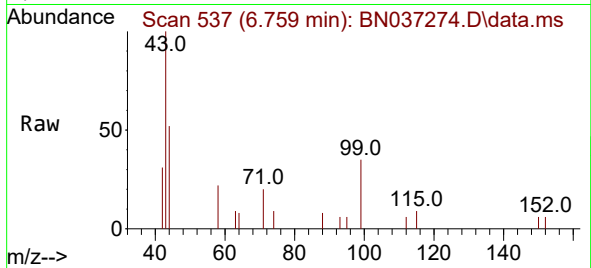




#5
Phenol-d6
Concen: 0.300 ng
RT: 6.759 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

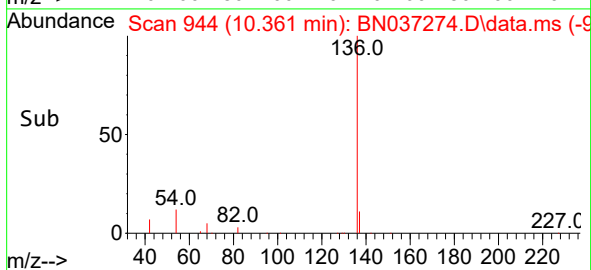
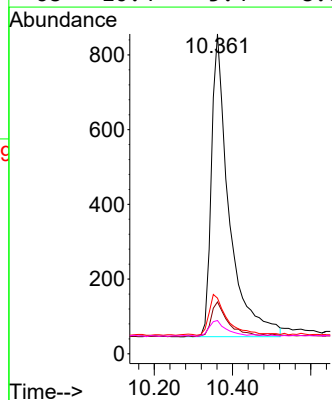
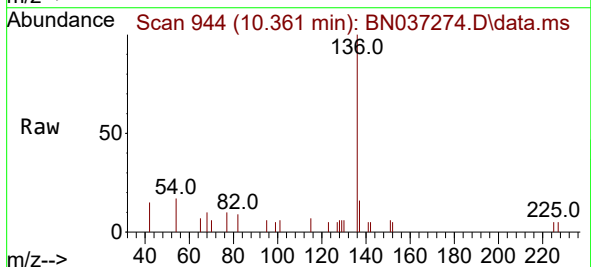
Instrument :
BNA_N
ClientSampleId :
PB168476BL

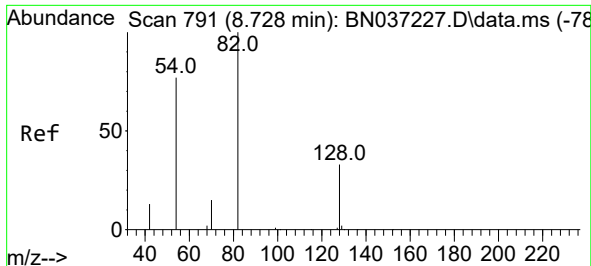
Tgt Ion: 99 Resp: 862
Ion Ratio Lower Upper
99 100
42 42.6 36.2 54.4
71 52.8 42.4 63.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

Tgt Ion: 136 Resp: 2537
Ion Ratio Lower Upper
136 100
137 16.2 10.6 15.8#
54 17.4 9.2 13.8#
68 10.4 5.4 8.0#

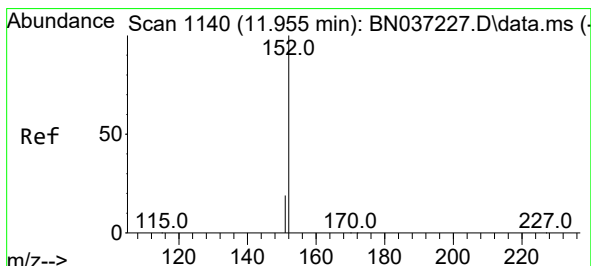
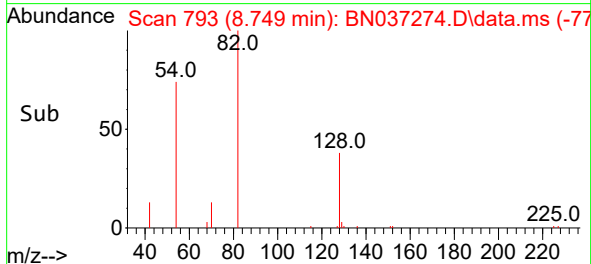
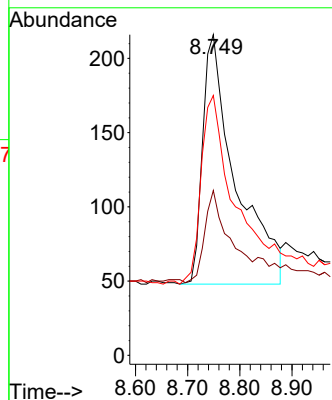
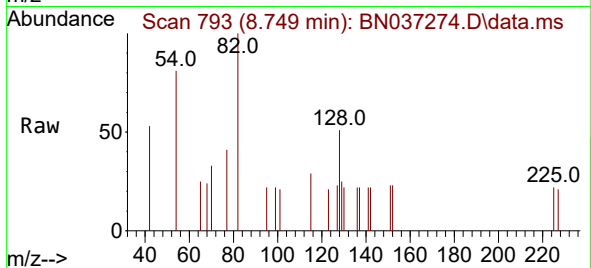




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.749 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

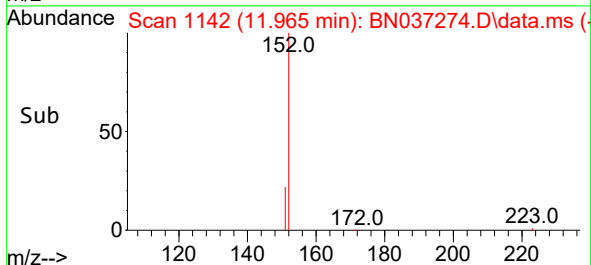
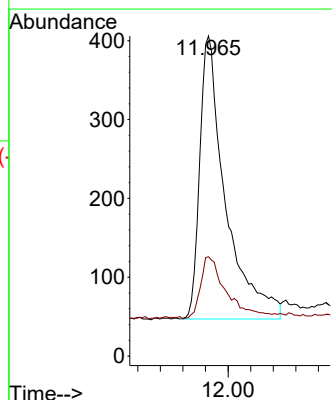
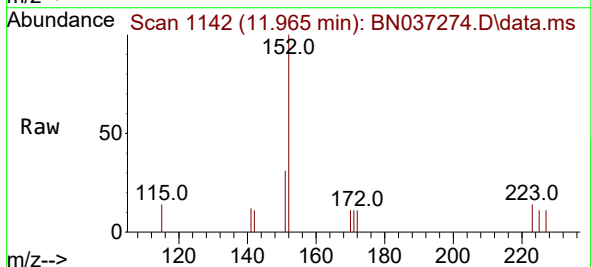
Instrument :
BNA_N
ClientSampleId :
PB168476BL

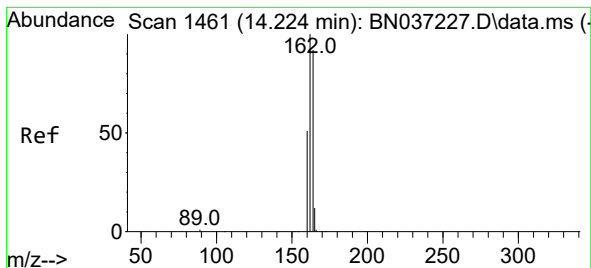
Tgt Ion: 82 Resp: 737
Ion Ratio Lower Upper
82 100
128 51.4 31.2 46.8#
54 81.0 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 11.965 min Scan# 1142
Delta R.T. 0.010 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

Tgt Ion: 152 Resp: 1137
Ion Ratio Lower Upper
152 100
151 22.5 17.9 26.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

Instrument :

BNA_N

ClientSampleId :

PB168476BL

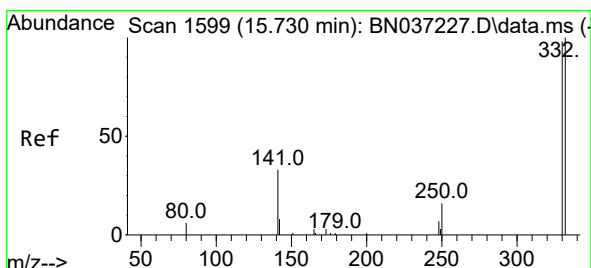
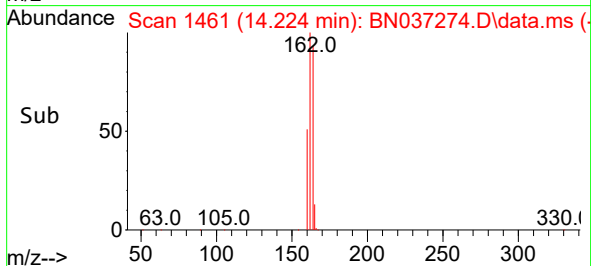
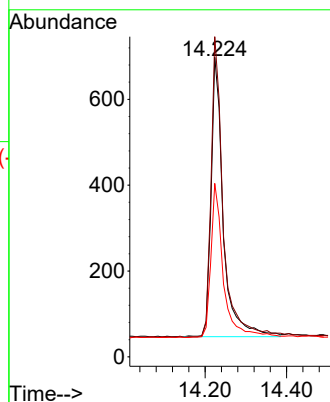
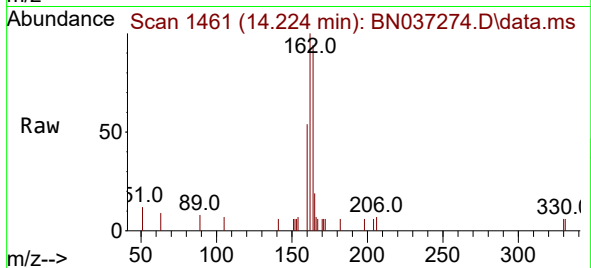
Tgt Ion:164 Resp: 1345

Ion Ratio Lower Upper

164 100

162 106.9 86.7 130.1

160 57.9 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.326 ng

RT: 15.742 min Scan# 1600

Delta R.T. 0.012 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

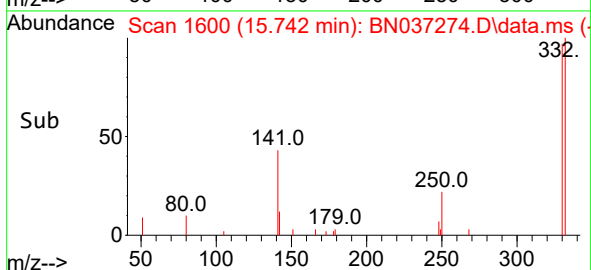
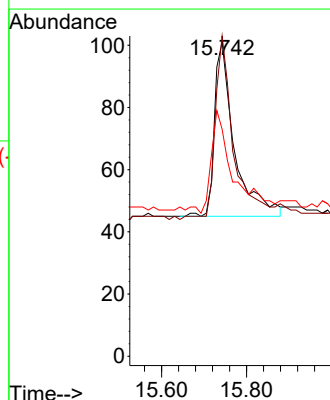
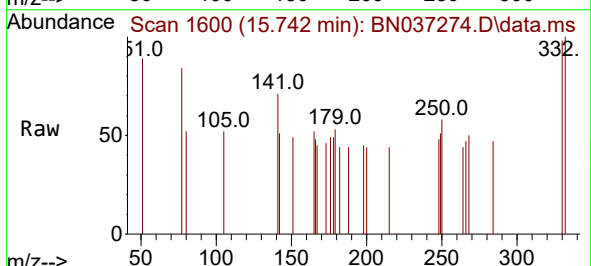
Tgt Ion:330 Resp: 182

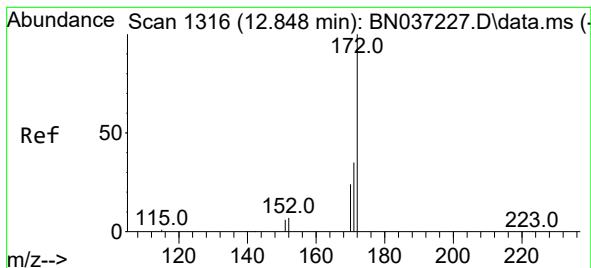
Ion Ratio Lower Upper

330 100

332 92.3 74.9 112.3

141 59.9 45.1 67.7

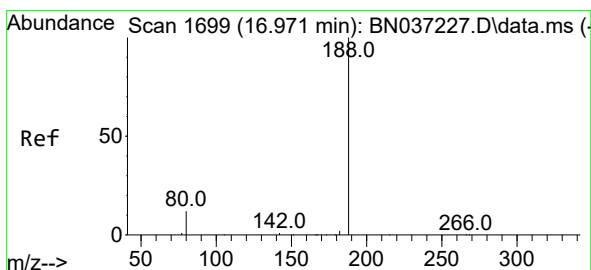
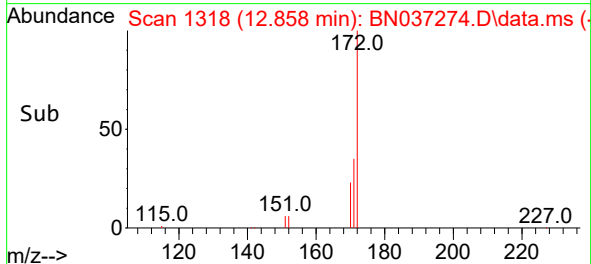
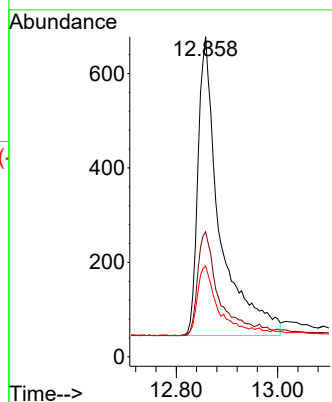
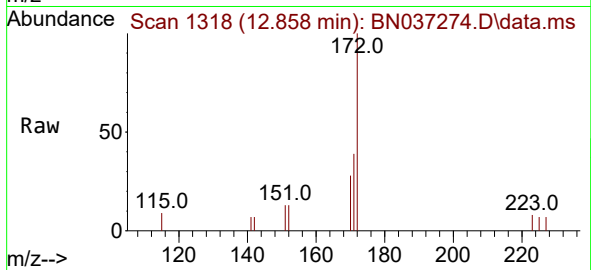




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.858 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

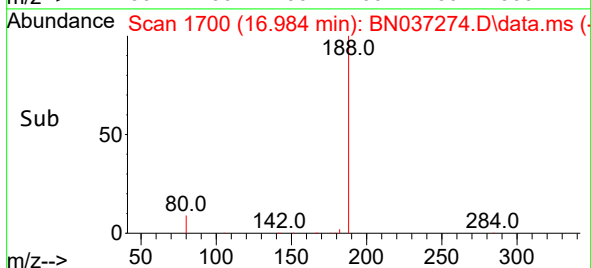
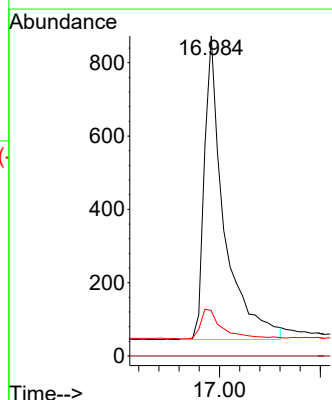
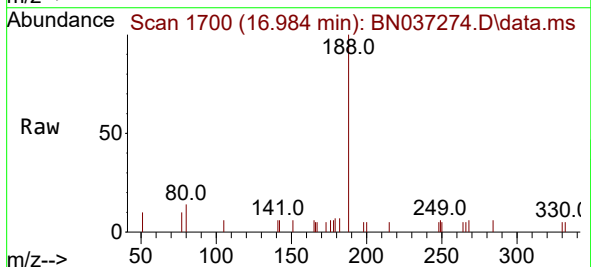
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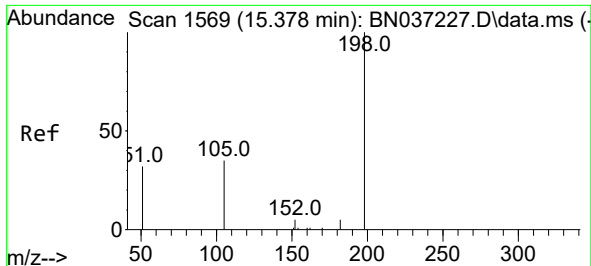
Tgt Ion:172 Resp: 1901
Ion Ratio Lower Upper
172 100
171 39.1 29.8 44.8
170 28.3 21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

Tgt Ion:188 Resp: 2242
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 12.2 18.4

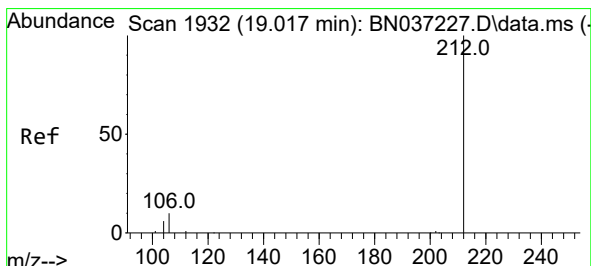
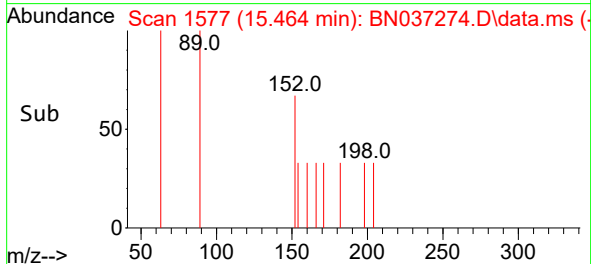
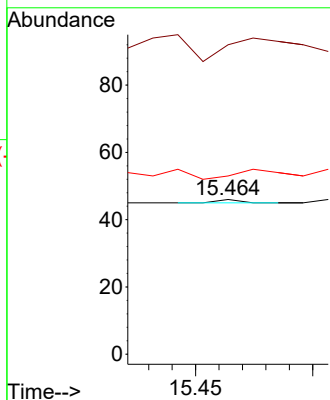
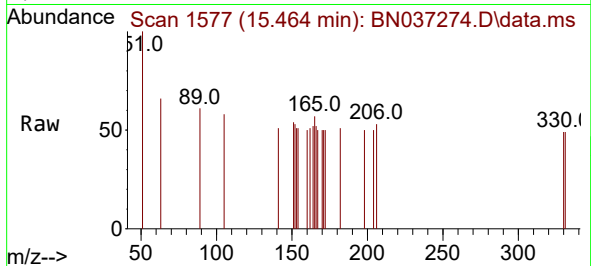




#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.464 min Scan# 1577
Delta R.T. 0.086 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

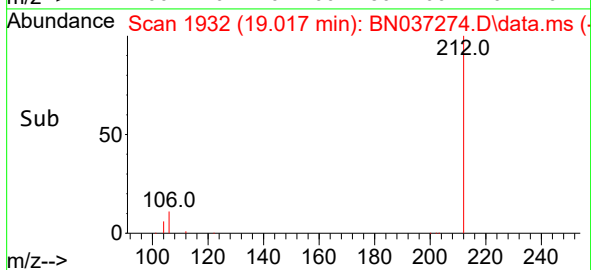
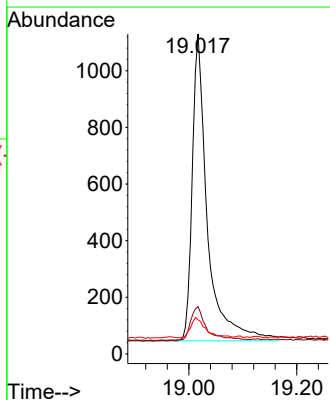
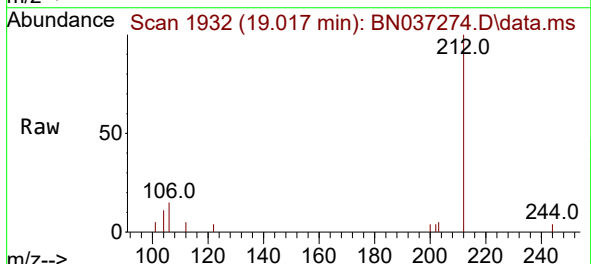
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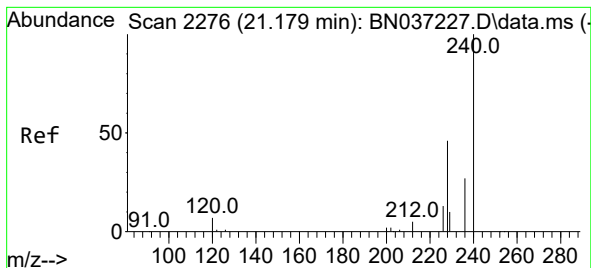
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 200.0 111.2 166.8#
105 115.2 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

Tgt Ion:212 Resp: 2116
Ion Ratio Lower Upper
212 100
106 11.4 9.3 13.9
104 6.6 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

Instrument :

BNA_N

ClientSampleId :

PB168476BL

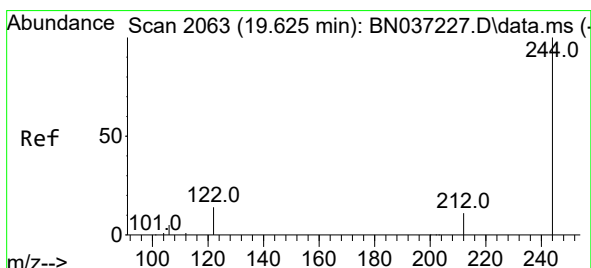
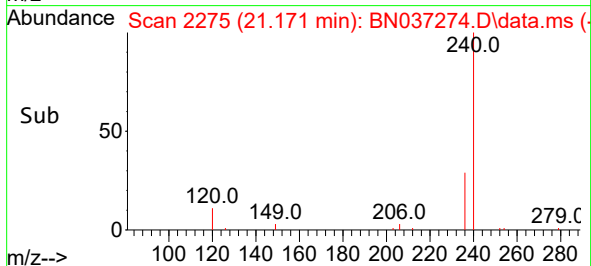
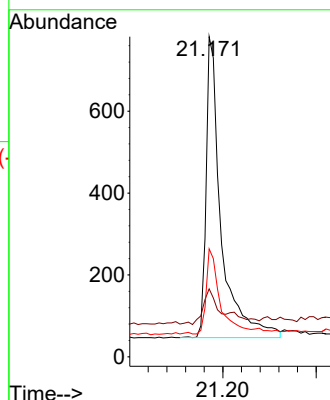
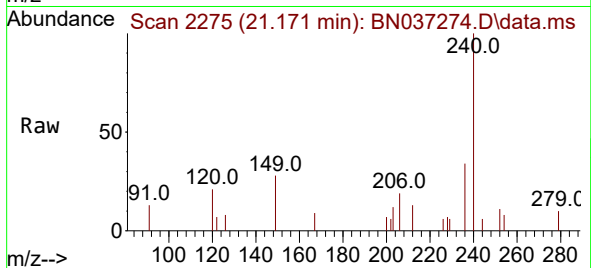
Tgt Ion:240 Resp: 1645

Ion Ratio Lower Upper

240 100

120 21.2 11.3 16.9#

236 33.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.379 ng

RT: 19.625 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

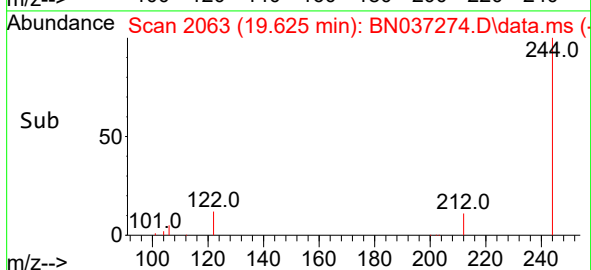
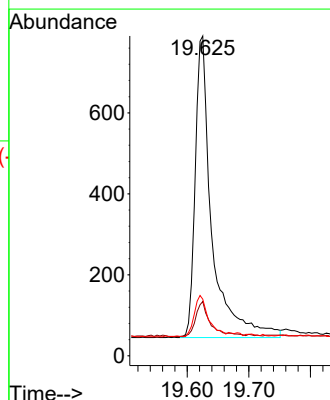
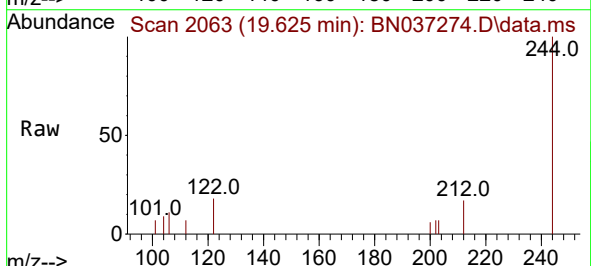
Tgt Ion:244 Resp: 1410

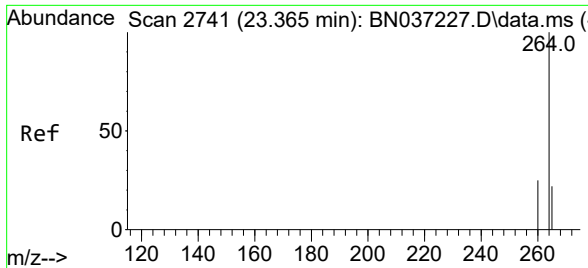
Ion Ratio Lower Upper

244 100

212 17.0 12.2 18.2

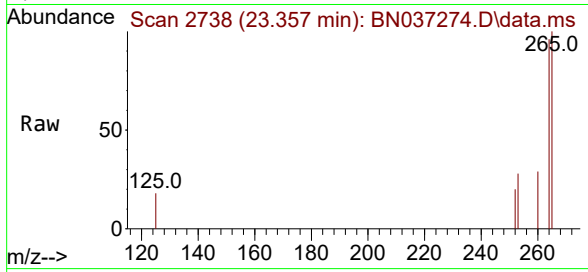
122 17.7 14.3 21.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037274.D
Acq: 14 Jun 2025 23:07

Instrument :
BNA_N
ClientSampleId :
PB168476BL



Tgt Ion:264 Resp: 1590

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.8	34.2
265	104.6	66.4	99.6

