

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
 Data File : BN037878.D
 Acq On : 24 Sep 2025 16:58
 Operator : RC/JU
 Sample : Q3015-08DL 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 17:24:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

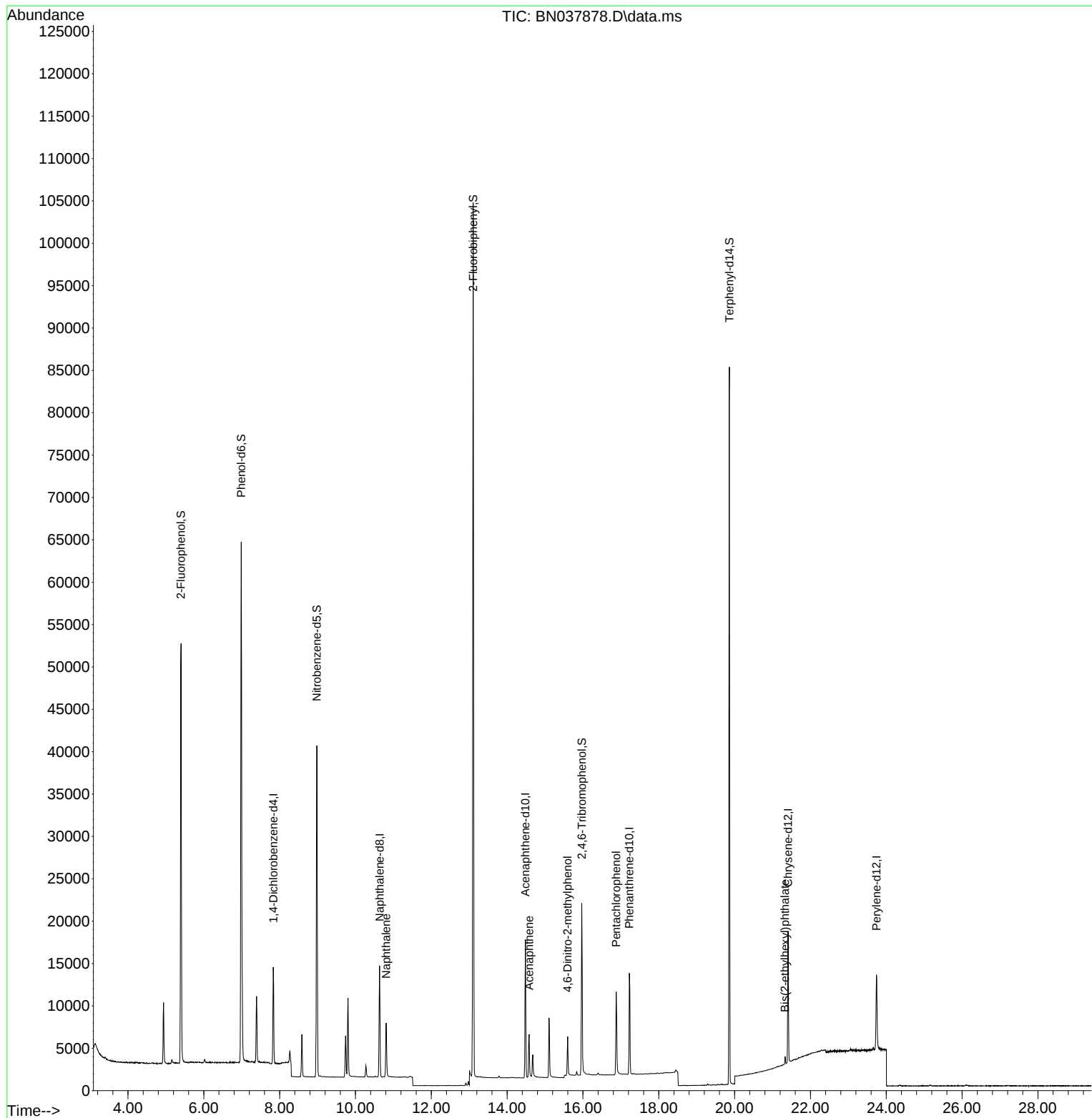
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5448	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16730	0.400	ng	0.01
13) Acenaphthene-d10	14.484	164	8546	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	17144	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13570	0.400	ng	0.00
35) Perylene-d12	23.741	264	12821	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	41384	3.329	ng	0.01
5) Phenol-d6	6.988	99	55546	3.400	ng	0.01
8) Nitrobenzene-d5	8.982	82	29544	2.315	ng	0.01
11) 2-Methylnaphthalene-d10	12.217	152	1	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	11197	3.455	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	85599	2.447	ng	0.01
27) Fluoranthene-d10	19.262	212	8	0.000	ng	0.00
31) Terphenyl-d14	19.861	244	76232	2.820	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.808	128	2399	0.052	ng	# 78
17) Acenaphthene	14.580	154	3281	0.119	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.597	198	2740	1.185	ng	# 88
24) Pentachlorophenol	16.875	266	4892	1.053	ng	97
34) Bis(2-ethylhexyl)phtha...	21.331	149	981	0.052	ng	# 96

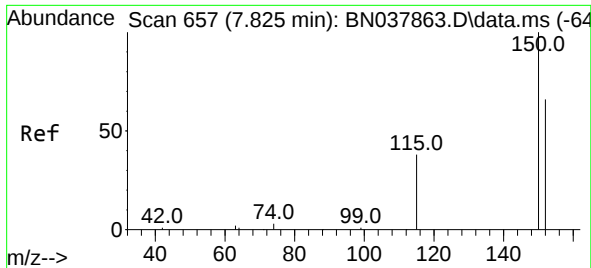
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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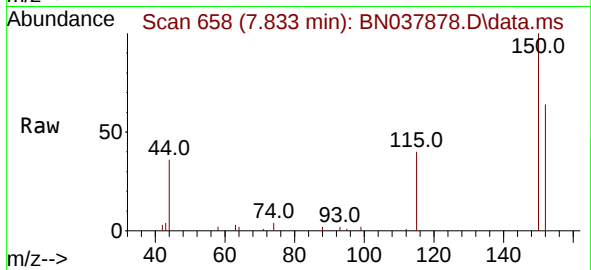
Quant Time: Sep 24 17:24:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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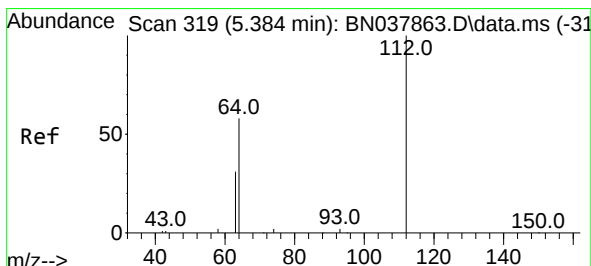
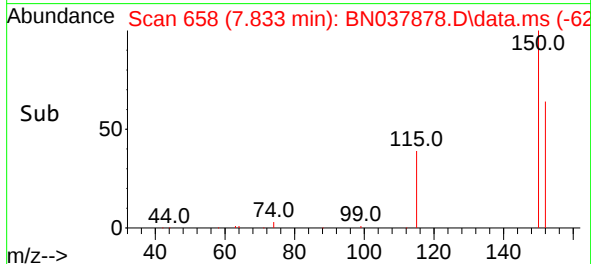
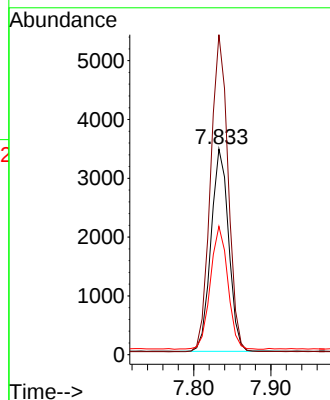


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Instrument :
BNA_N
ClientSampleId :

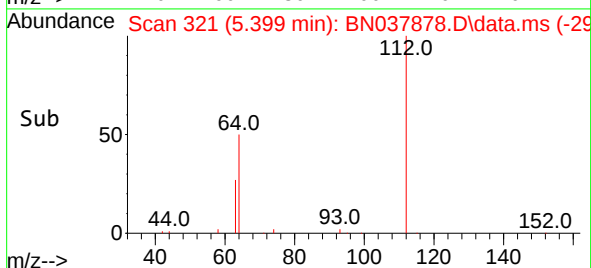
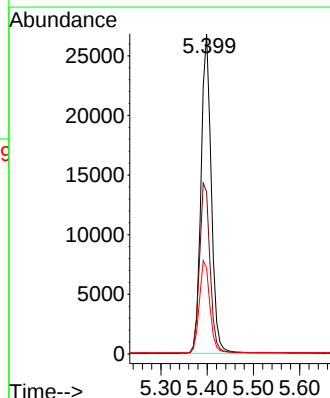
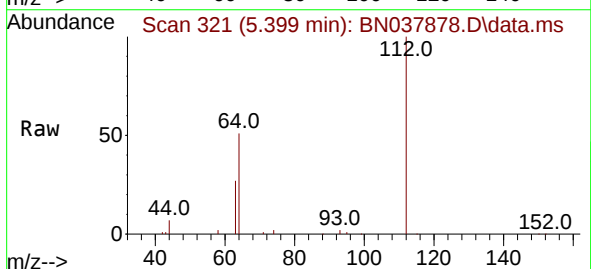


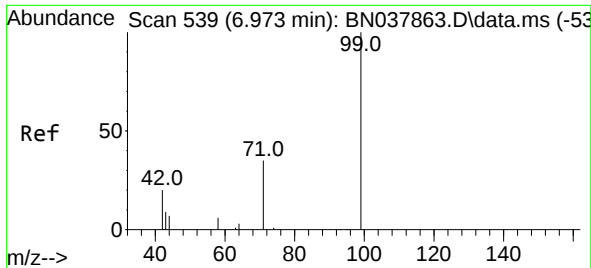
Tgt Ion:152 Resp: 5448
Ion Ratio Lower Upper
152 100
150 155.5 121.0 181.4
115 62.4 47.4 71.0



#4
2-Fluorophenol
Concen: 3.329 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.014 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Tgt Ion:112 Resp: 41384
Ion Ratio Lower Upper
112 100
64 55.3 44.6 66.8
63 29.7 24.9 37.3

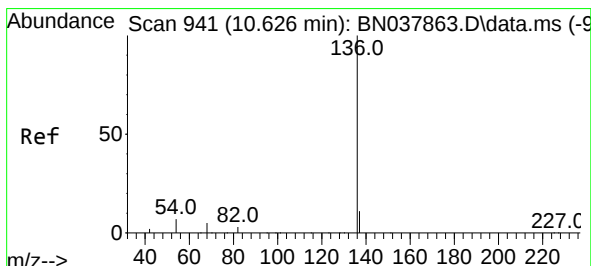
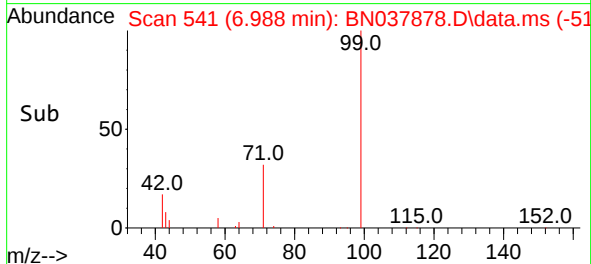
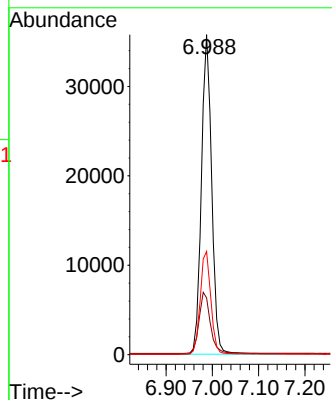
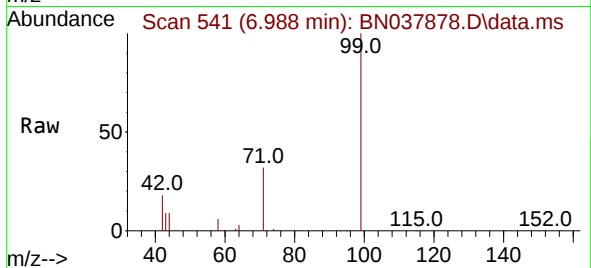




#5
Phenol-d6
Concen: 3.400 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.014 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

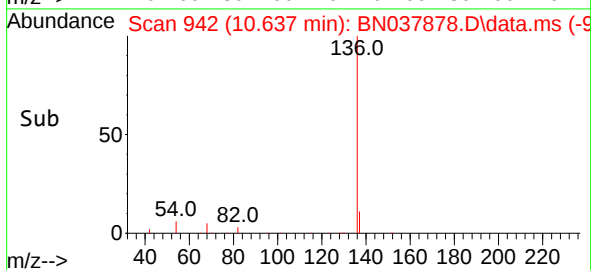
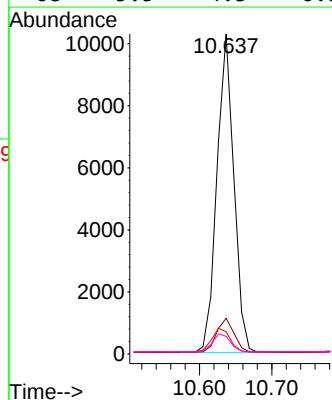
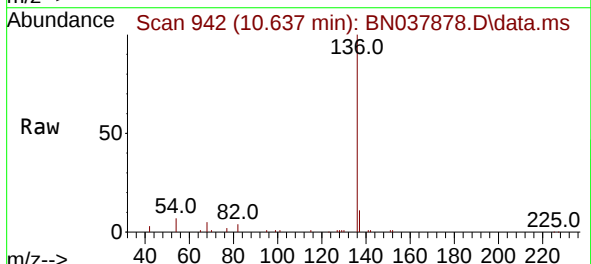
Instrument :
BNA_N
ClientSampleId :

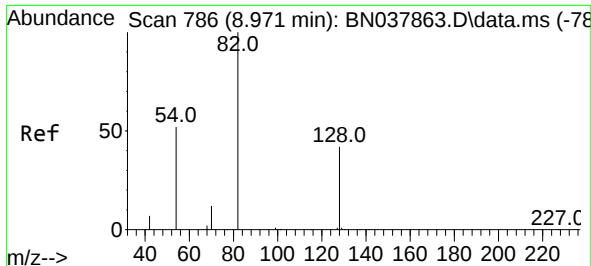
Tgt Ion:	99	Resp:	55546
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.2	25.8
71	33.3	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Tgt Ion:	136	Resp:	16730
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.8	8.8
68	5.5	4.3	6.5

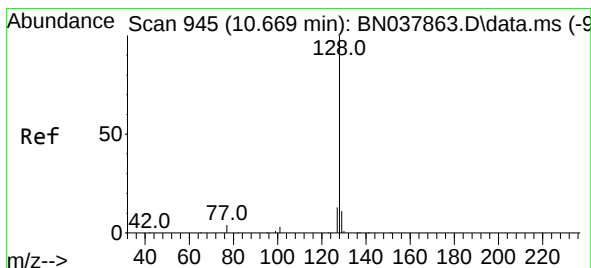
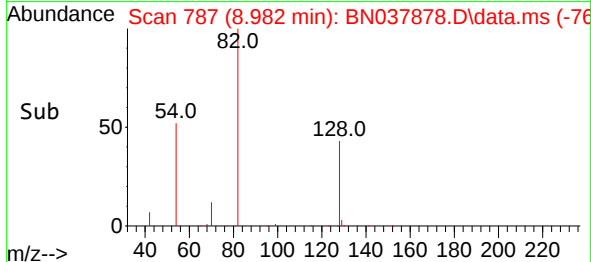
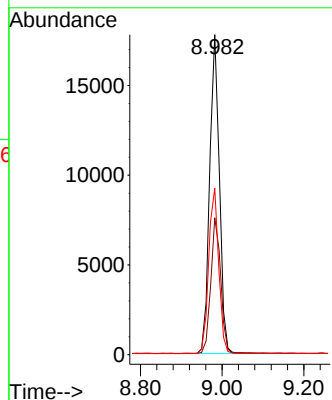
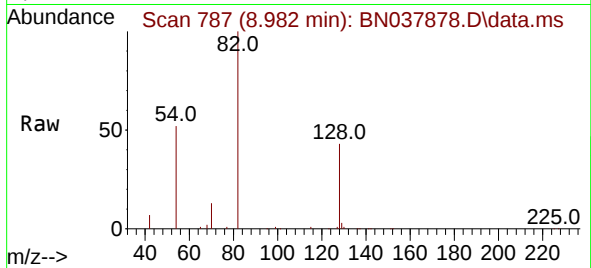




#8
 Nitrobenzene-d5
 Concen: 2.315 ng
 RT: 8.982 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58

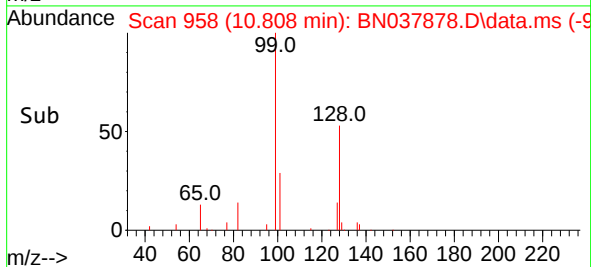
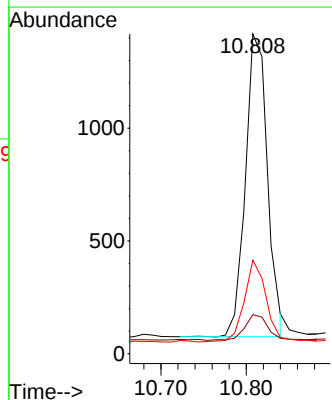
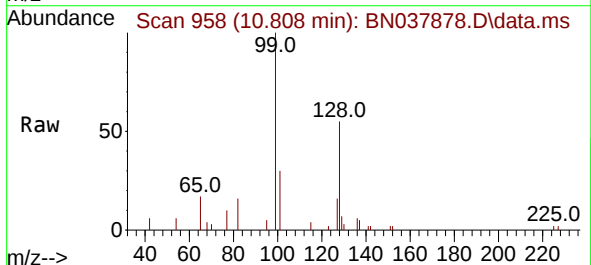
Instrument :
 BNA_N
 ClientSampleId :

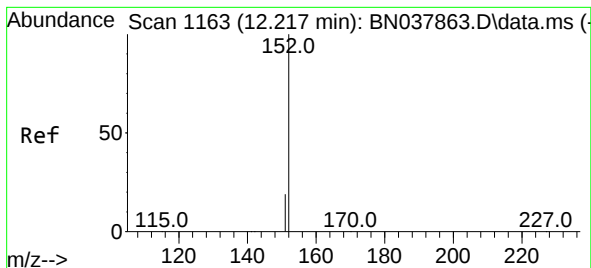
Tgt Ion: 82 Resp: 29544
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.8 52.2
 54 52.1 42.2 63.2



#9
 Naphthalene
 Concen: 0.052 ng
 RT: 10.808 min Scan# 958
 Delta R.T. 0.139 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58

Tgt Ion: 128 Resp: 2399
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.2 13.8
 127 29.3 11.0 16.6#

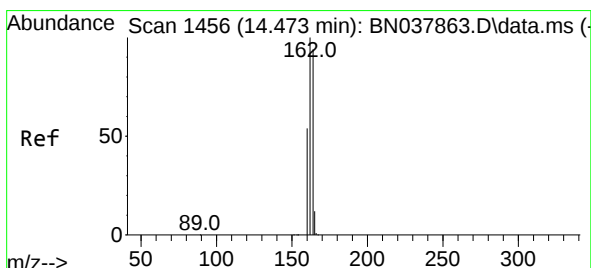
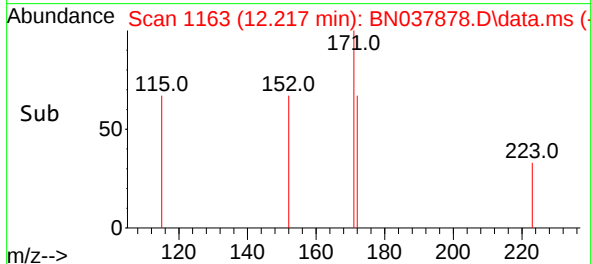
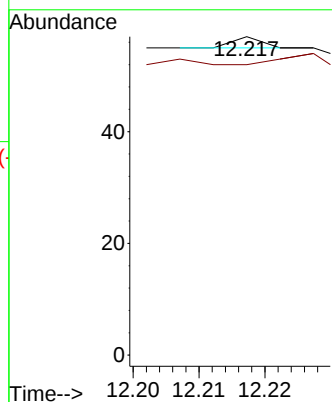
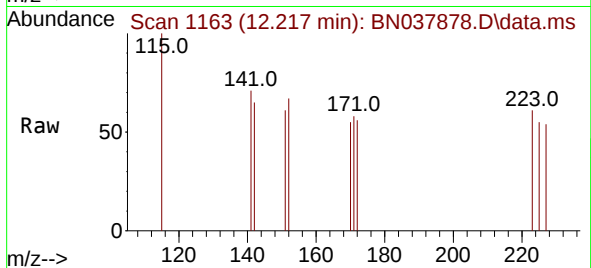




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

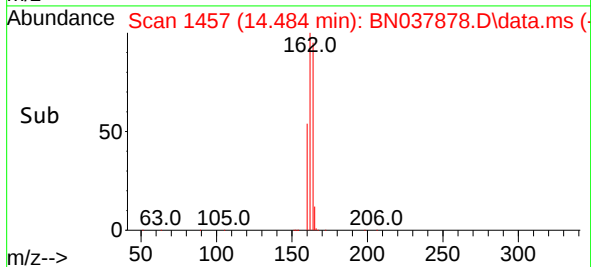
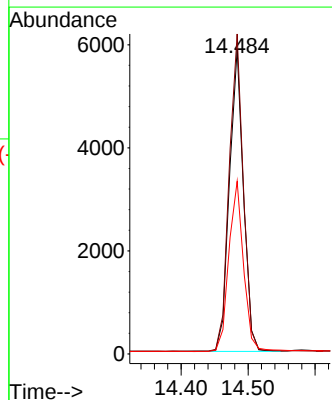
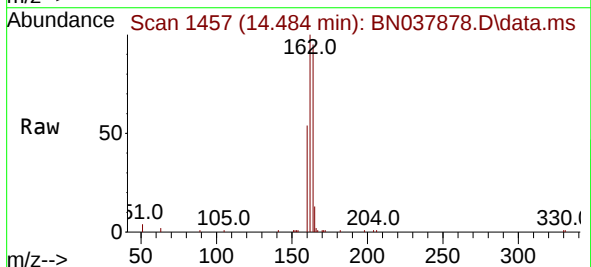
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 100.0 17.4 26.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. 0.011 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

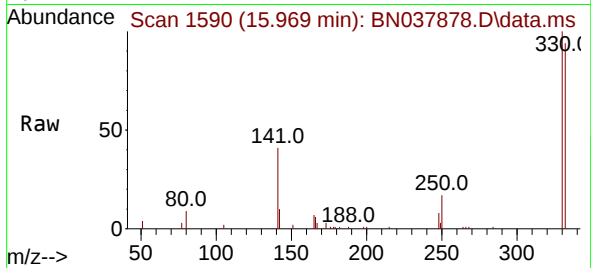
Tgt Ion:164 Resp: 8546
Ion Ratio Lower Upper
164 100
162 105.0 84.8 127.2
160 56.7 46.1 69.1



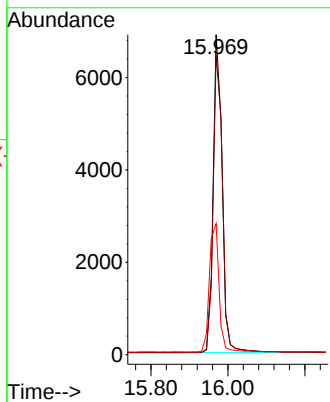
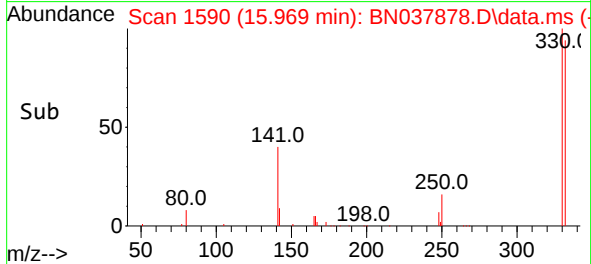


#14
 2,4,6-Tribromophenol
 Concen: 3.455 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58

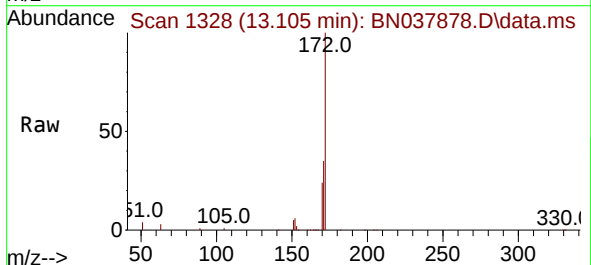
Instrument :
 BNA_N
 ClientSampleId :



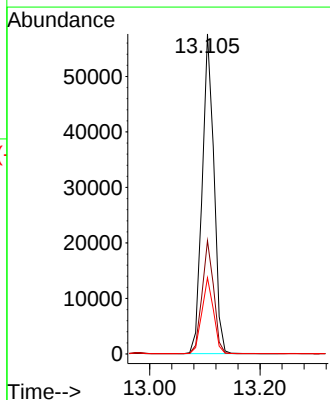
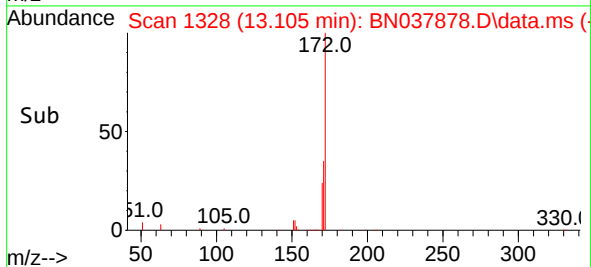
Tgt Ion:330 Resp: 11197
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 43.0 37.2 55.8

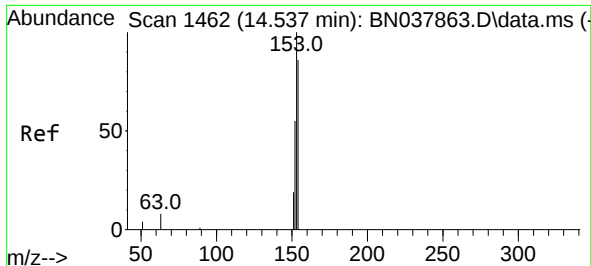


#15
 2-Fluorobiphenyl
 Concen: 2.447 ng
 RT: 13.105 min Scan# 1328
 Delta R.T. 0.011 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58



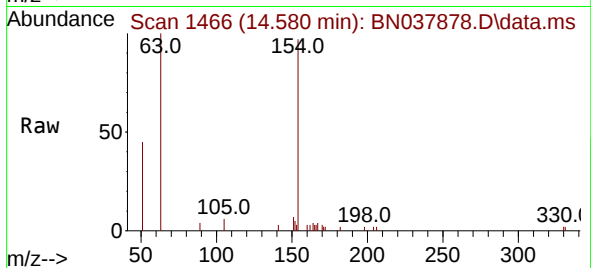
Tgt Ion:172 Resp: 85599
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.8 19.7 29.5



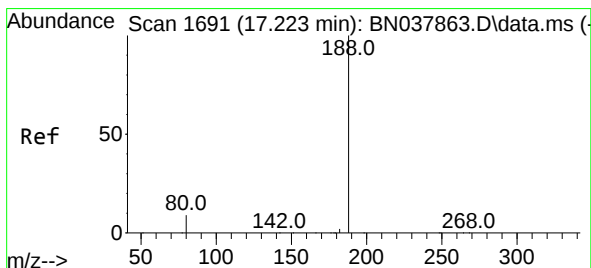
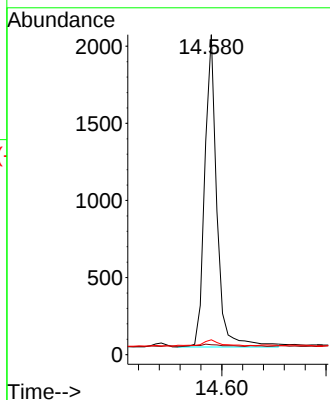
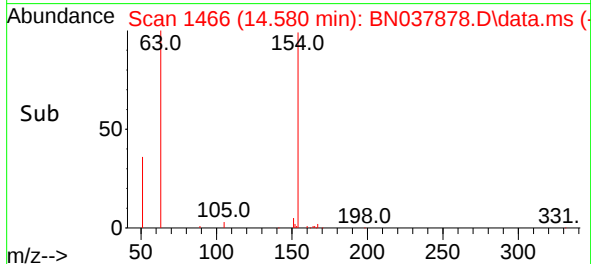


#17
Acenaphthene
Concen: 0.119 ng
RT: 14.580 min Scan# 1466
Delta R.T. 0.043 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Instrument :
BNA_N
ClientSampleId :

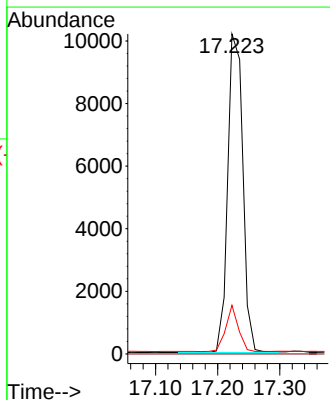
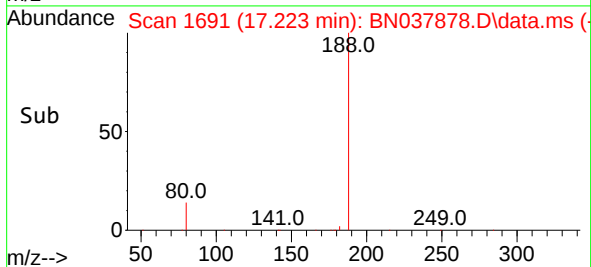
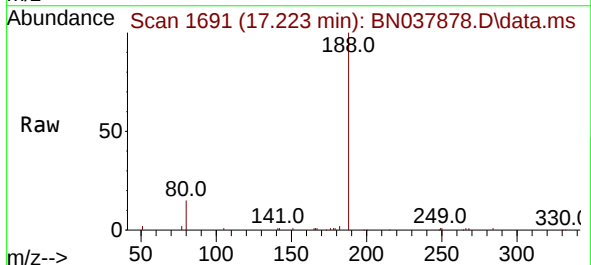


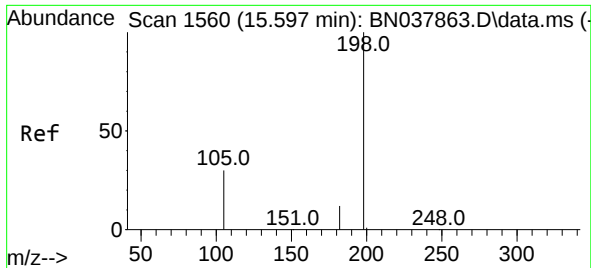
Tgt Ion:154 Resp: 3281
Ion Ratio Lower Upper
154 100
153 1.2 90.5 135.7#
152 3.5 51.8 77.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Tgt Ion:188 Resp: 17144
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 7.6 11.4#

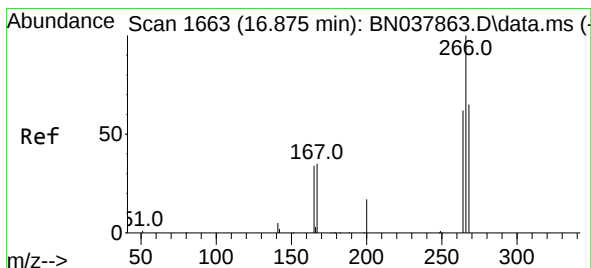
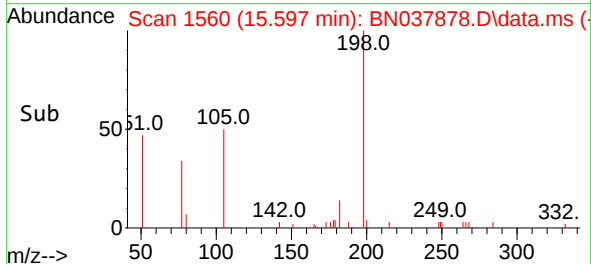
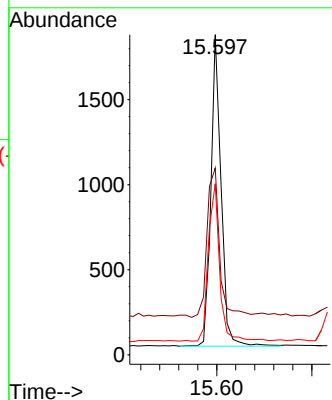
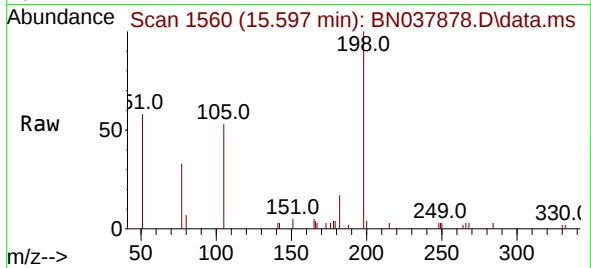




#20
4,6-Dinitro-2-methylphenol
Concen: 1.185 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

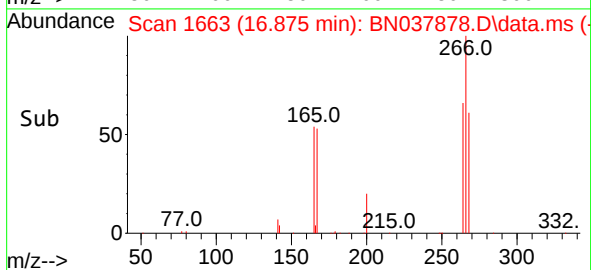
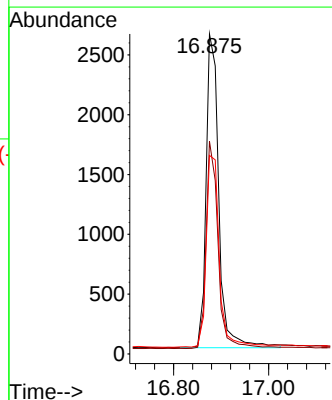
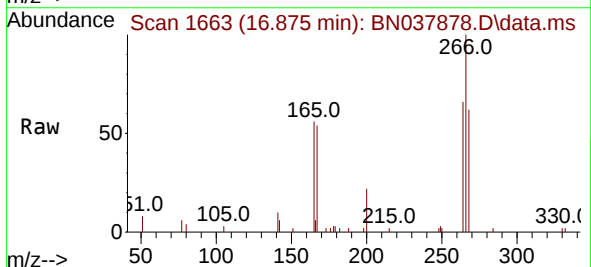
Instrument :
BNA_N
ClientSampleId :

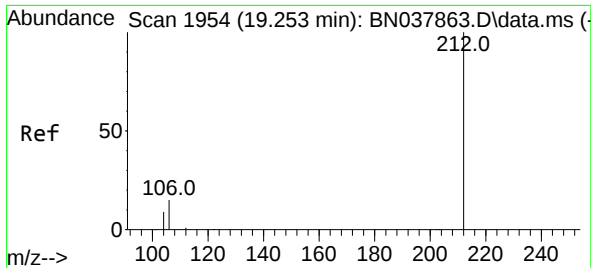
Tgt Ion:198 Resp: 2740
Ion Ratio Lower Upper
198 100
51 58.3 59.1 88.7#
105 53.5 41.3 61.9



#24
Pentachlorophenol
Concen: 1.053 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

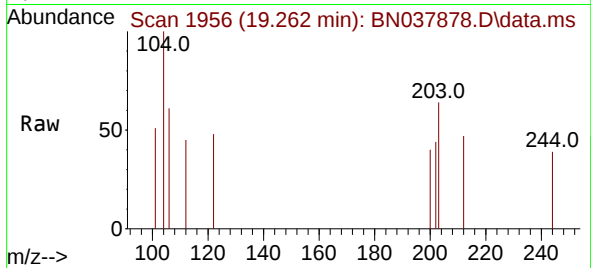
Tgt Ion:266 Resp: 4892
Ion Ratio Lower Upper
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264 62.7 50.9 76.3
268 63.7 54.3 81.5



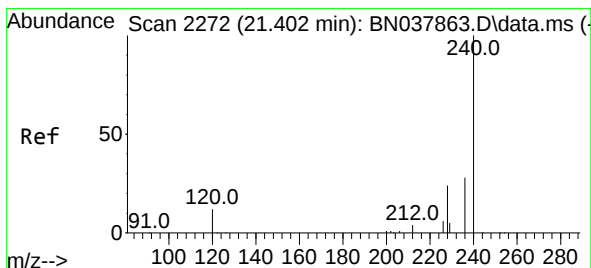
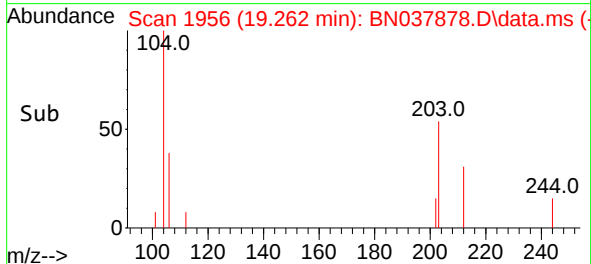
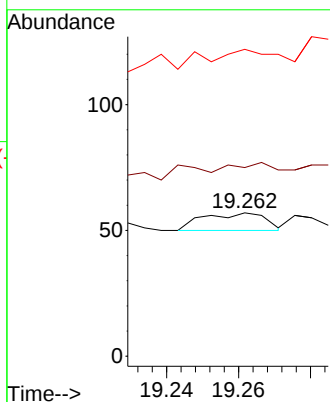


#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.262 min Scan# 1956
Delta R.T. 0.009 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Instrument :
BNA_N
ClientSampleId :

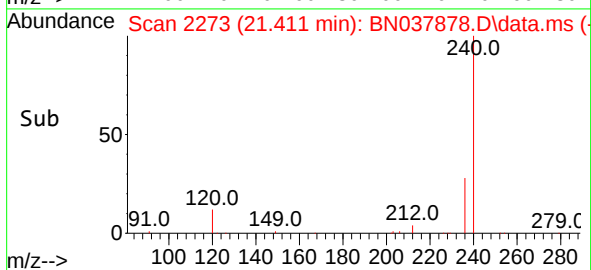
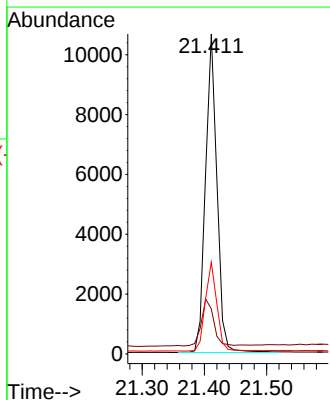
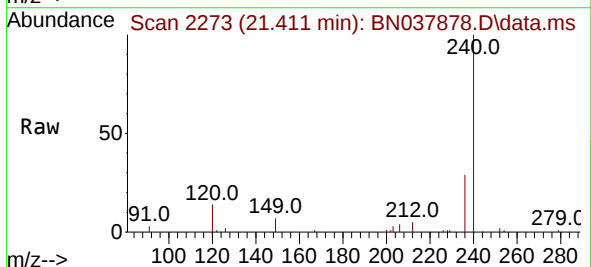


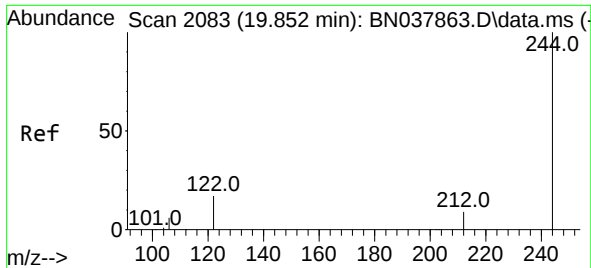
Tgt Ion:212 Resp: 8
Ion Ratio Lower Upper
212 100
106 37.5 12.6 19.0#
104 137.5 7.4 11.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. 0.009 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

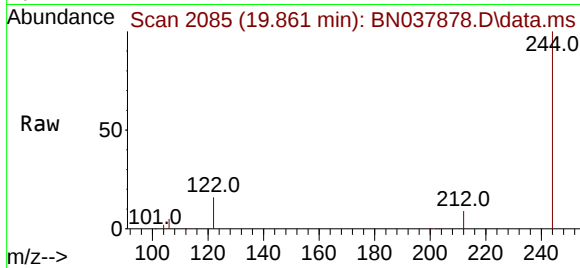
Tgt Ion:240 Resp: 13570
Ion Ratio Lower Upper
240 100
120 14.1 11.4 17.2
236 28.7 23.0 34.6



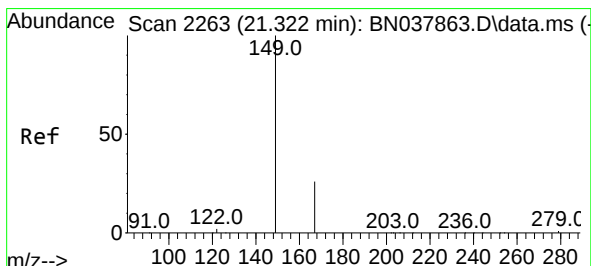
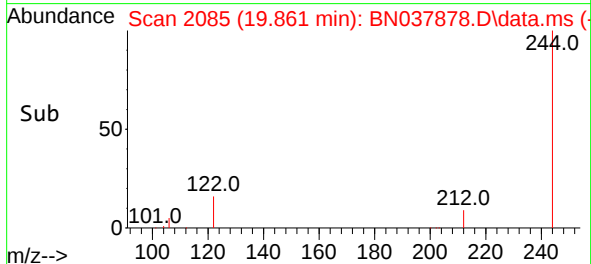
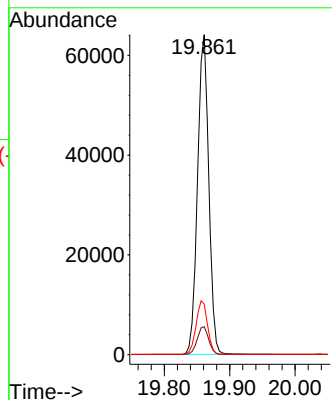


#31
 Terphenyl-d14
 Concen: 2.820 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. 0.009 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58

Instrument :
 BNA_N
 ClientSampleId :

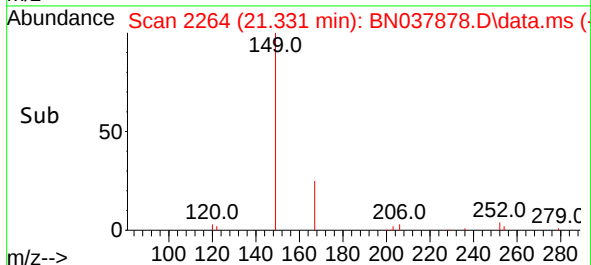
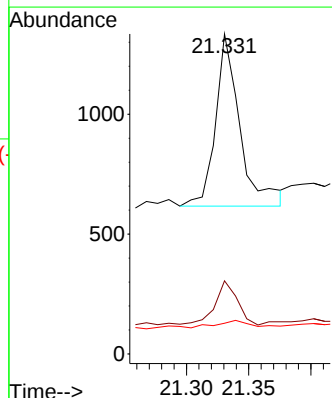
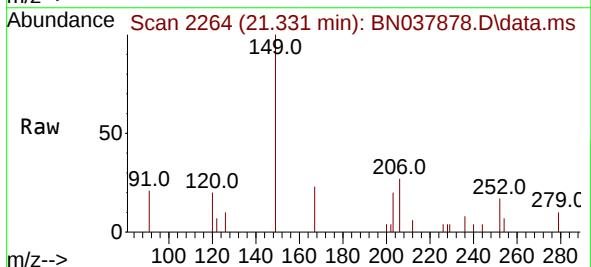


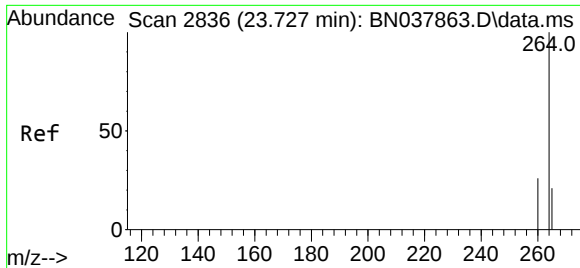
Tgt Ion:244 Resp: 76232
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.6 11.4
 122 15.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. 0.009 min
 Lab File: BN037878.D
 Acq: 24 Sep 2025 16:58

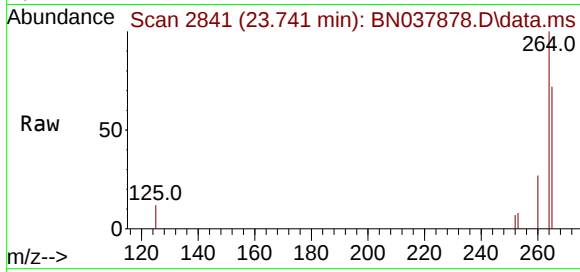
Tgt Ion:149 Resp: 981
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.4 30.6
 279 6.1 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN037878.D
Acq: 24 Sep 2025 16:58

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	12821
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	71.5	53.8	80.6

