

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
 Data File : BN037877.D
 Acq On : 24 Sep 2025 15:48
 Operator : RC/JU
 Sample : Q3015-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WP0925-PT-ACIDS-WP

Quant Time: Sep 24 16:19:06 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)

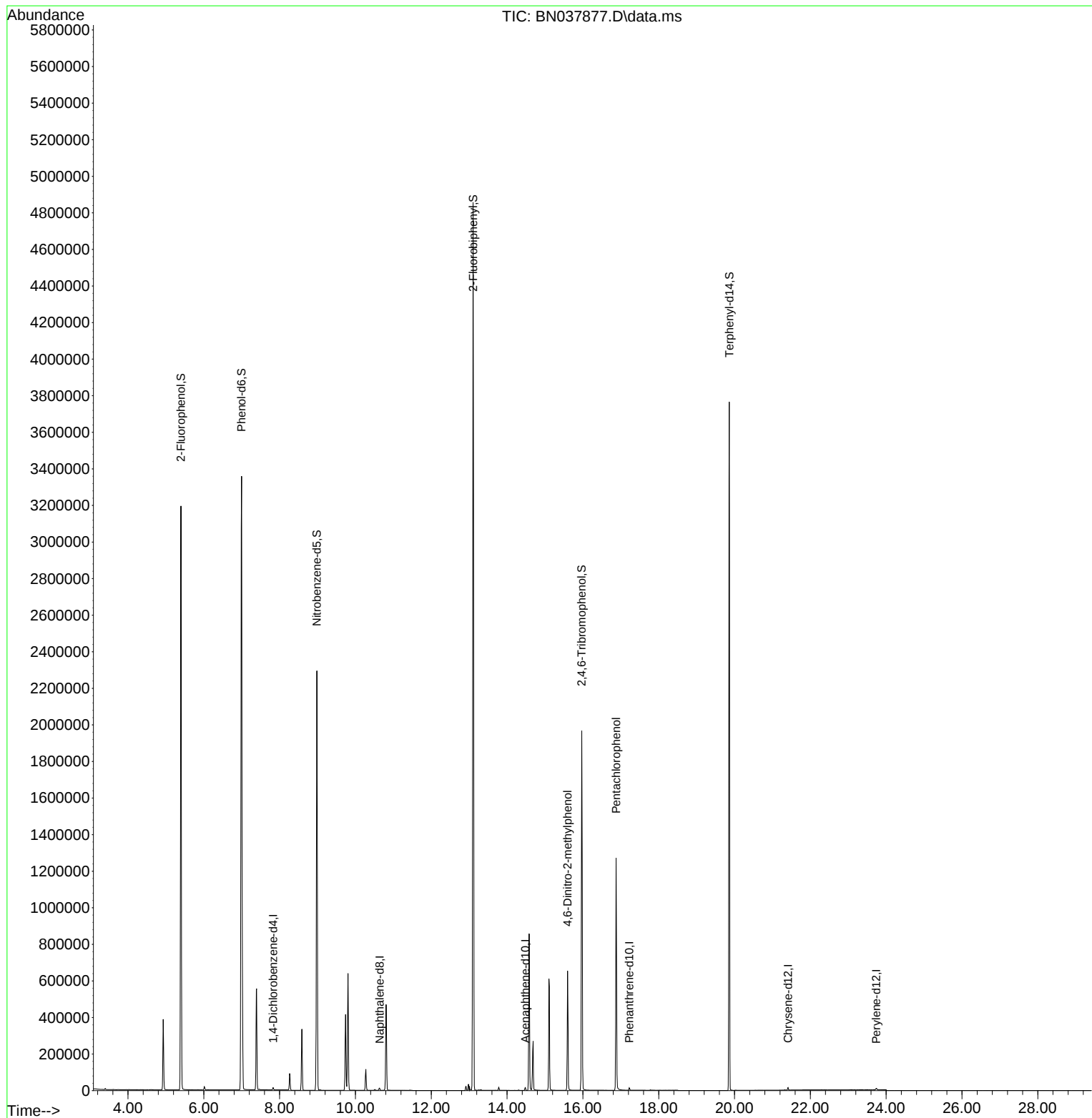
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5760	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17583	0.400	ng	0.01
13) Acenaphthene-d10	14.484	164	8737	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	16666	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12568	0.400	ng	0.00
35) Perylene-d12	23.741	264	11362	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2442475	185.820	ng	0.01
5) Phenol-d6	6.995	99	3401287	196.945	ng	0.02
8) Nitrobenzene-d5	8.982	82	1681652	125.388	ng	0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.969	330	1057879	319.317	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	4153453	116.120	ng	0.01
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.861	244	3706695	148.066	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.597	198	398438	33.153	ng	# 86
24) Pentachlorophenol	16.875	266	537511	118.961	ng	97

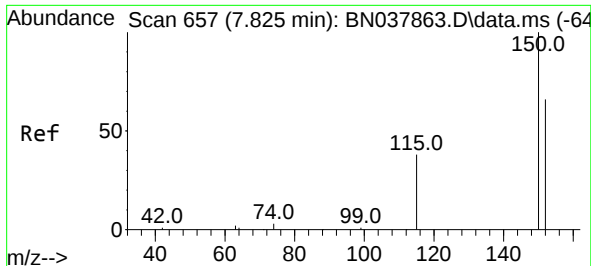
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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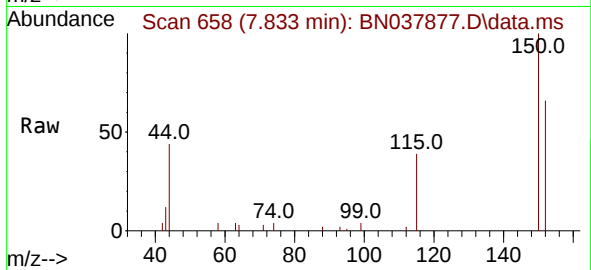
Quant Time: Sep 24 16:19:06 2025
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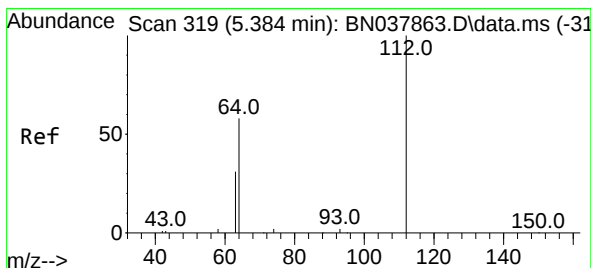
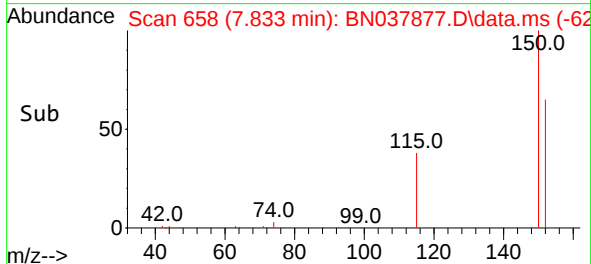
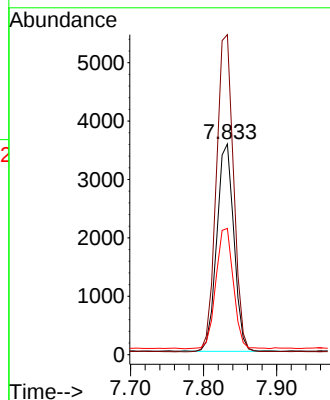


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
WP0925-PT-ACIDS-WP

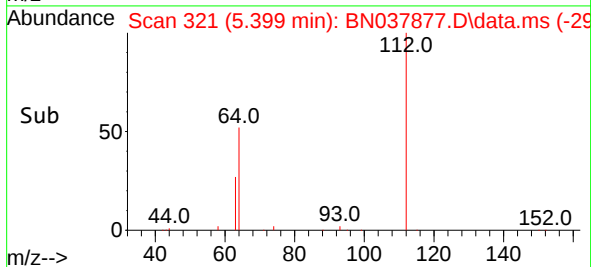
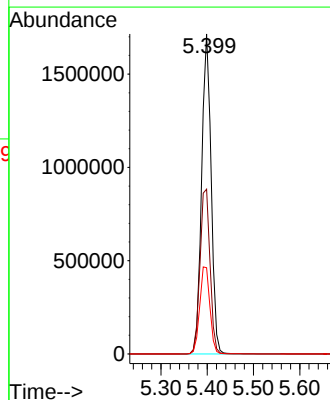
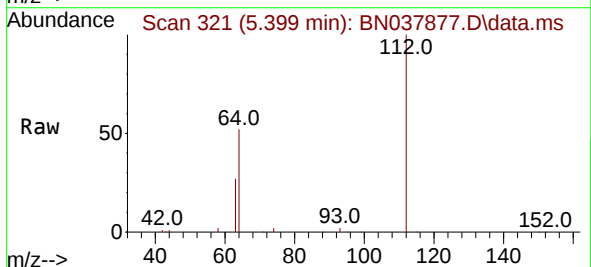


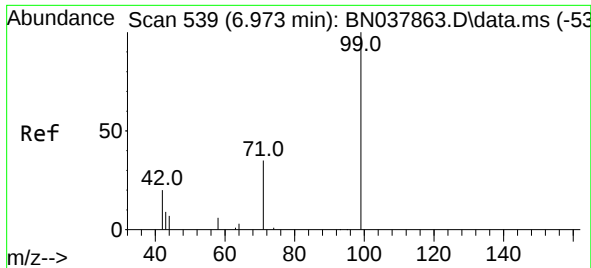
Tgt Ion:152 Resp: 5760
Ion Ratio Lower Upper
152 100
150 151.9 121.0 181.4
115 59.9 47.4 71.0



#4
2-Fluorophenol
Concen: 185.820 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.014 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion:112 Resp: 2442475
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 29.3 24.9 37.3



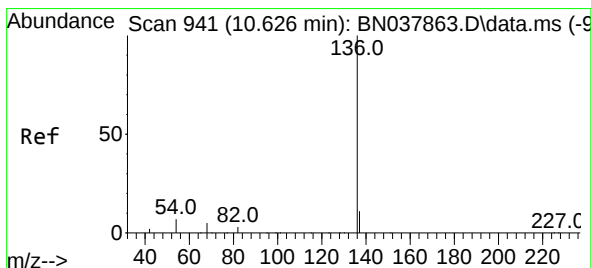
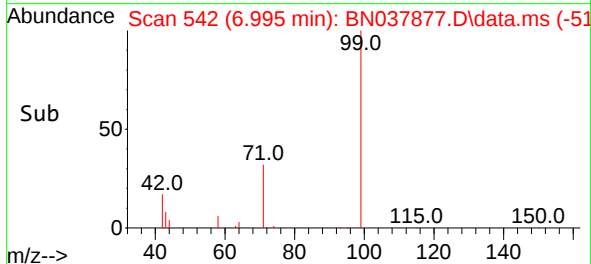
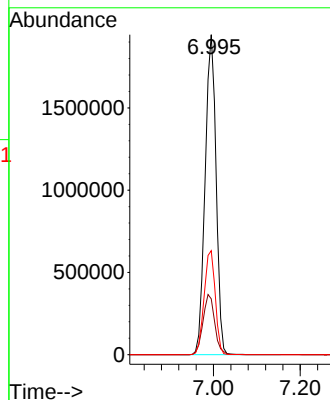
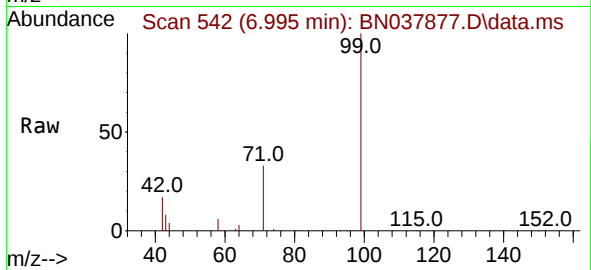


#5
Phenol-d6
Concen: 196.945 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.021 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
WP0925-PT-ACIDS-WP

Tgt Ion: 99 Resp: 3401287

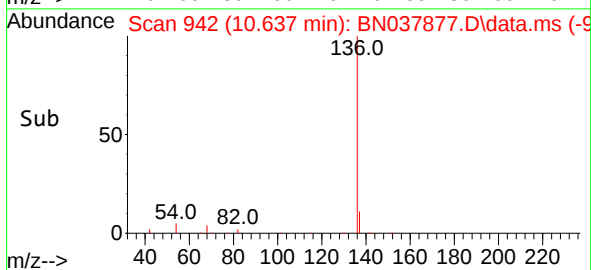
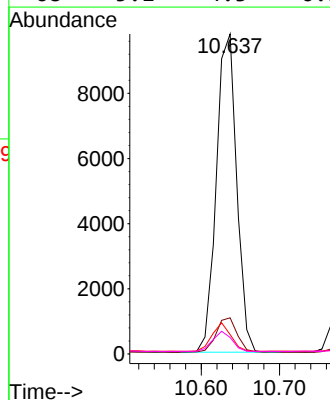
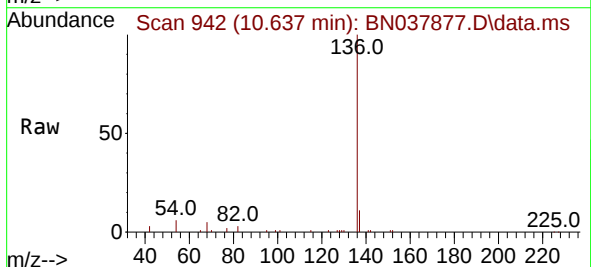
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.2	25.8
71	33.2	27.3	40.9

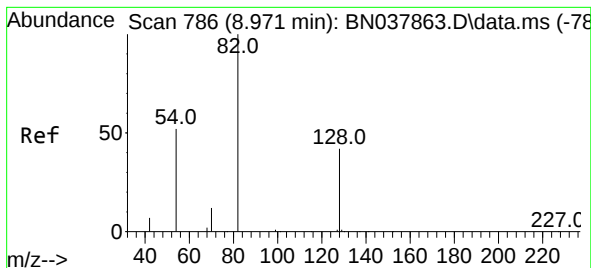


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.010 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion: 136 Resp: 17583

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.0	5.8	8.8
68	5.1	4.3	6.5

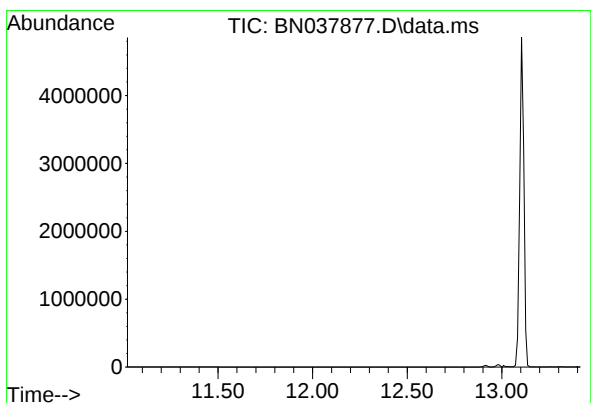
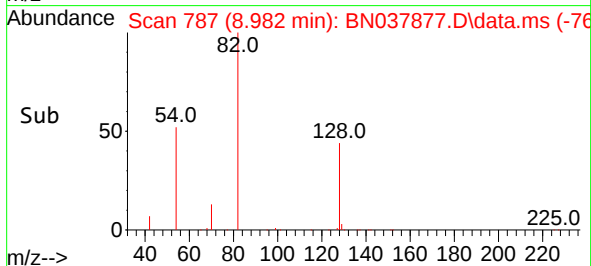
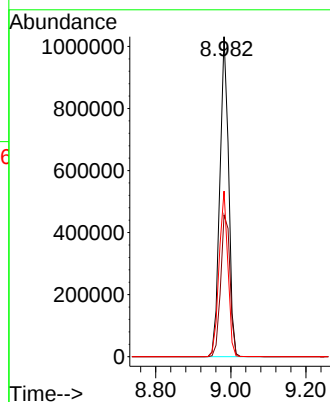
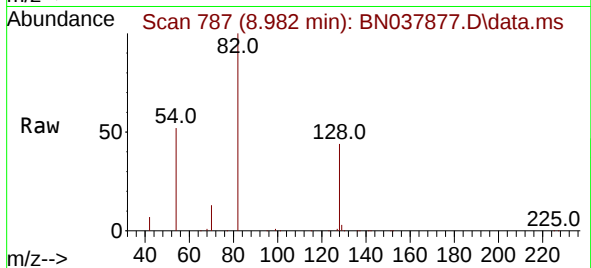




#8
Nitrobenzene-d5
Concen: 125.388 ng
RT: 8.982 min Scan# 71
Delta R.T. 0.010 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Instrument :
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ClientSampleId :
WP0925-PT-ACIDS-WP

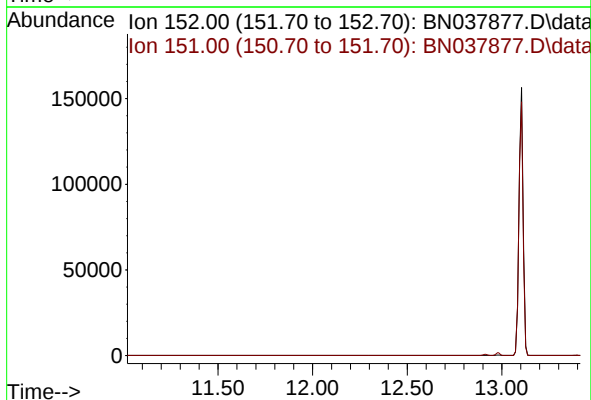
Tgt Ion: 82 Resp: 1681652
Ion Ratio Lower Upper
82 100
128 44.3 34.8 52.2
54 51.8 42.2 63.2

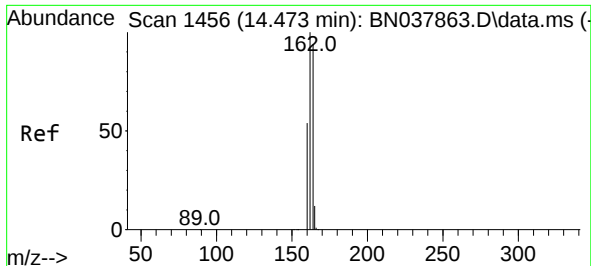


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 12.22 min

Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion: 152
Sig Exp Ratio
152 100
151 21.8

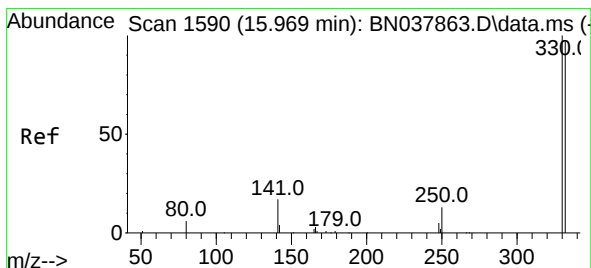
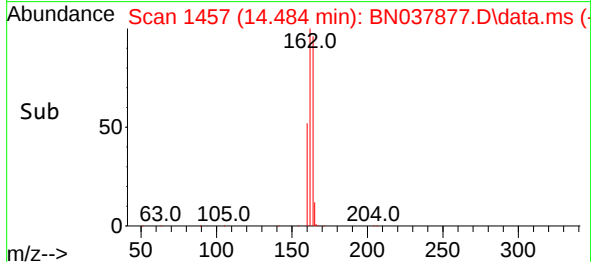
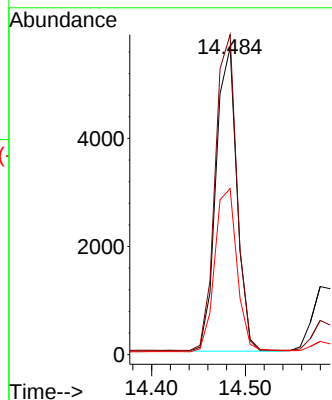
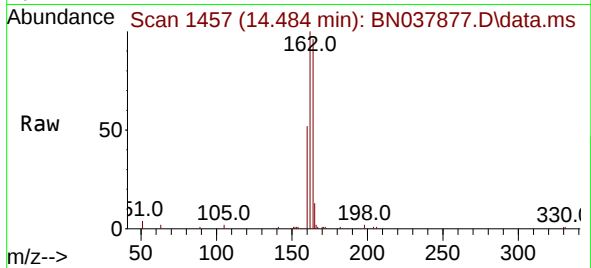




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. 0.010 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

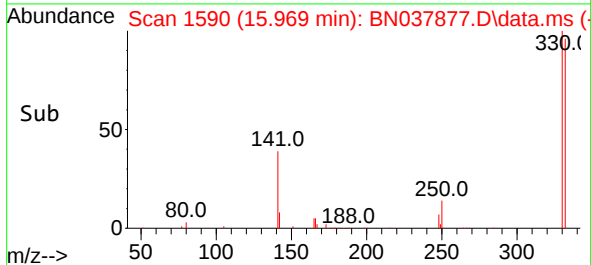
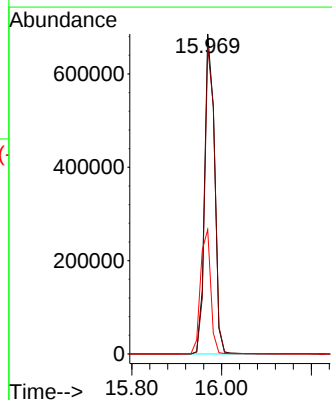
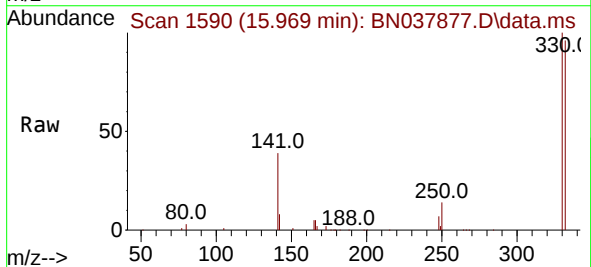
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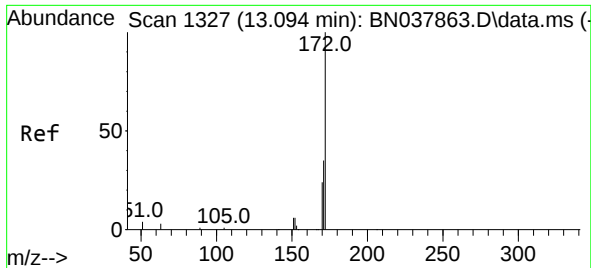
Tgt Ion:164 Resp: 8737
 Ion Ratio Lower Upper
 164 100
 162 104.1 84.8 127.2
 160 54.0 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 319.317 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Tgt Ion:330 Resp: 1057879
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 40.1 37.2 55.8

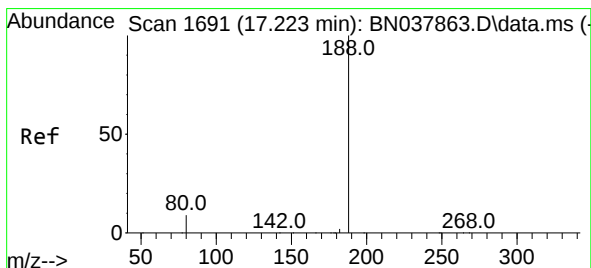
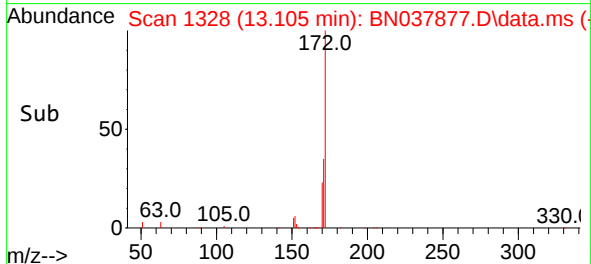
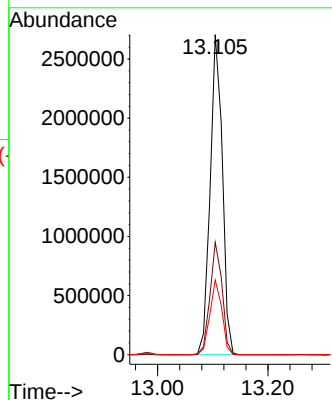
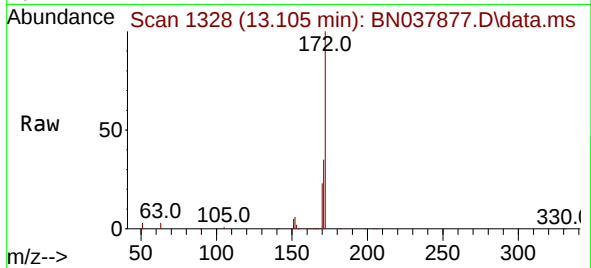




#15
2-Fluorobiphenyl
Concen: 116.120 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

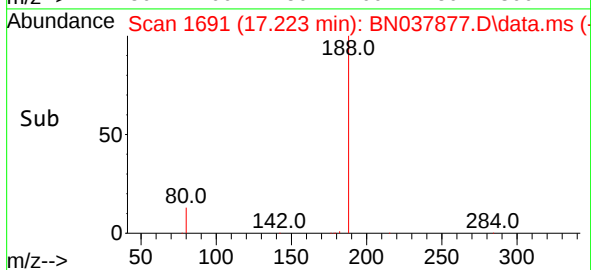
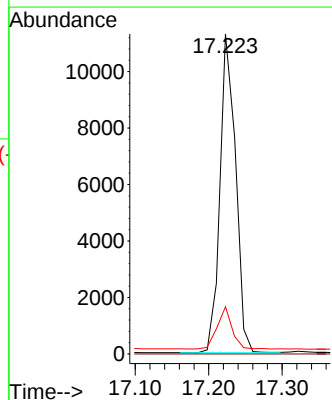
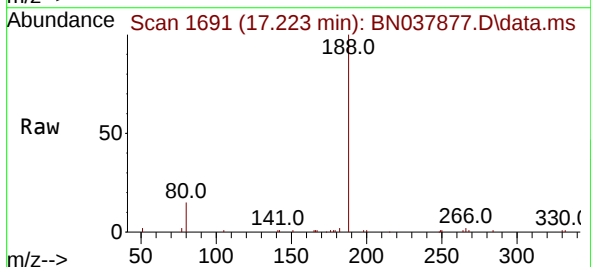
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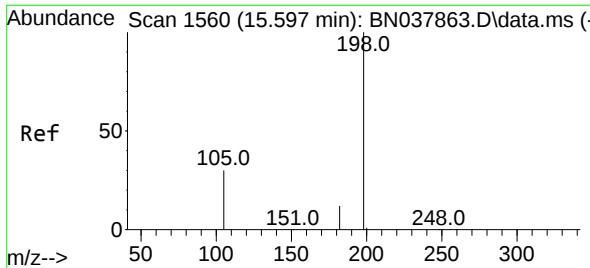
Tgt Ion:172 Resp: 4153453
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion:188 Resp: 16666
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 7.6 11.4

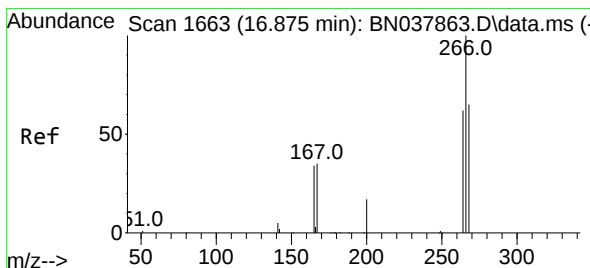
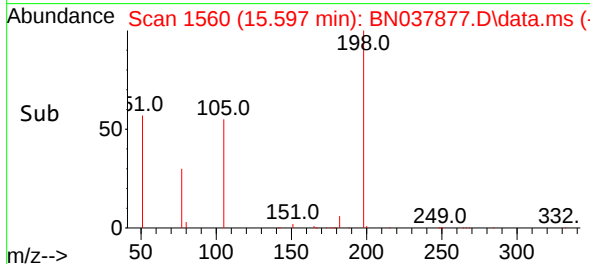
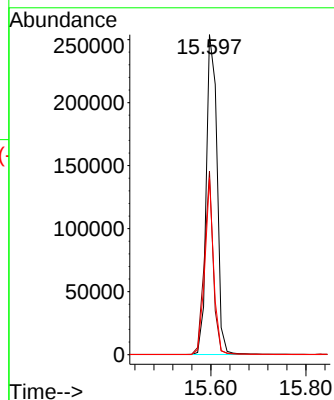
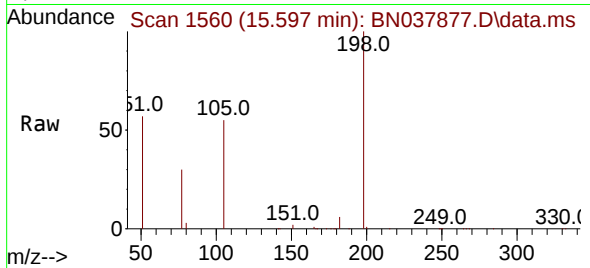




#20
4,6-Dinitro-2-methylphenol
Concen: 33.153 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

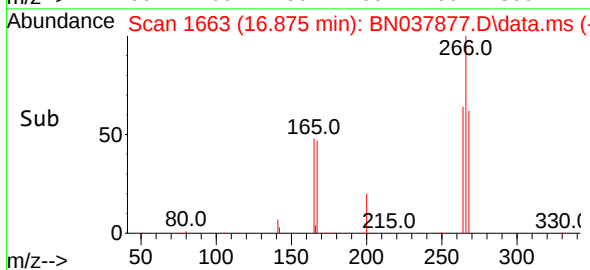
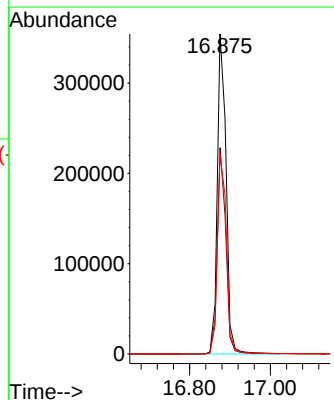
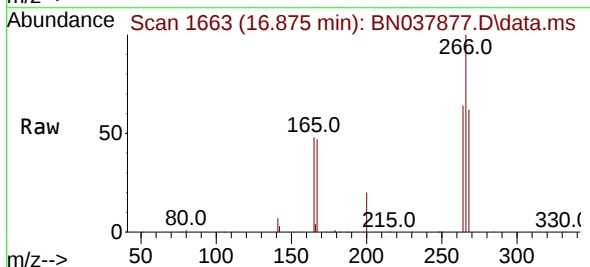
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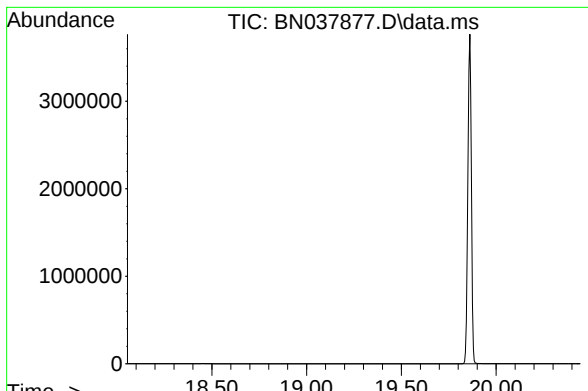
Tgt Ion:198 Resp: 398438
Ion Ratio Lower Upper
198 100
51 57.3 59.1 88.7#
105 55.3 41.3 61.9



#24
Pentachlorophenol
Concen: 118.961 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion:266 Resp: 537511
Ion Ratio Lower Upper
266 100
264 62.5 50.9 76.3
268 64.1 54.3 81.5

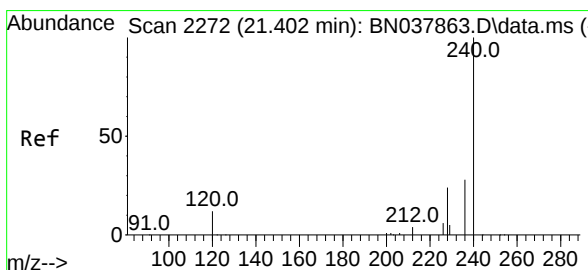
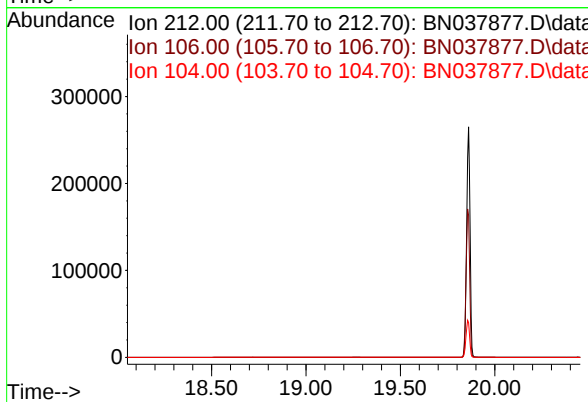




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.25 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

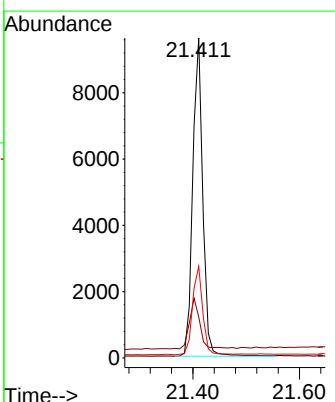
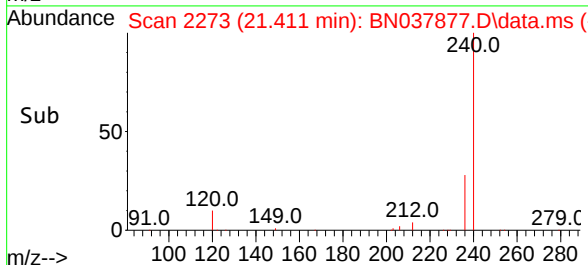
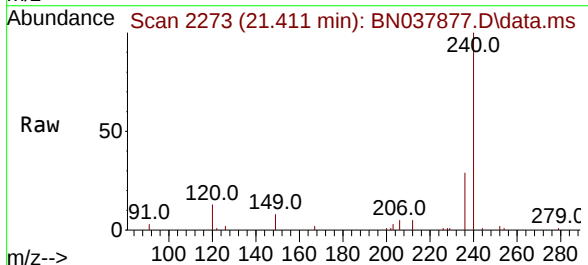
Instrument :
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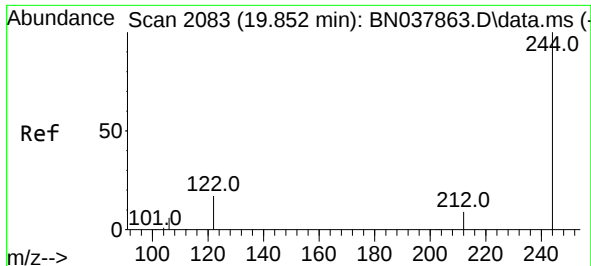
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 15.8
 104 9.2



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.411 min Scan# 2273
 Delta R.T. 0.009 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Tgt Ion: 240 Resp: 12568
 Ion Ratio Lower Upper
 240 100
 120 12.9 11.4 17.2
 236 28.6 23.0 34.6

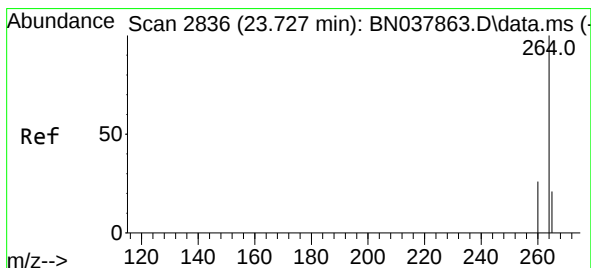
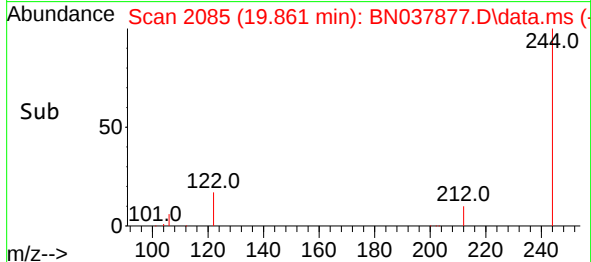
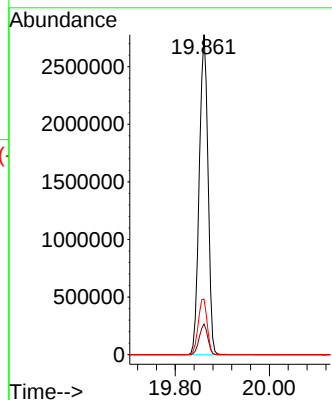
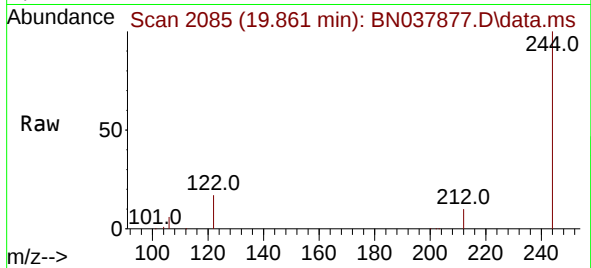




#31
 Terphenyl-d14
 Concen: 148.066 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. 0.009 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :
 WP0925-PT-ACIDS-WP

Tgt Ion:244 Resp: 3706695
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.6 11.4
 122 17.4 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. 0.014 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Tgt Ion:264 Resp: 11362
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.5 32.3
 265 79.6 53.8 80.6

