

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037535.D
 Acq On : 22 Jul 2025 12:40
 Operator : RC/JU
 Sample : Q2642-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 13:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

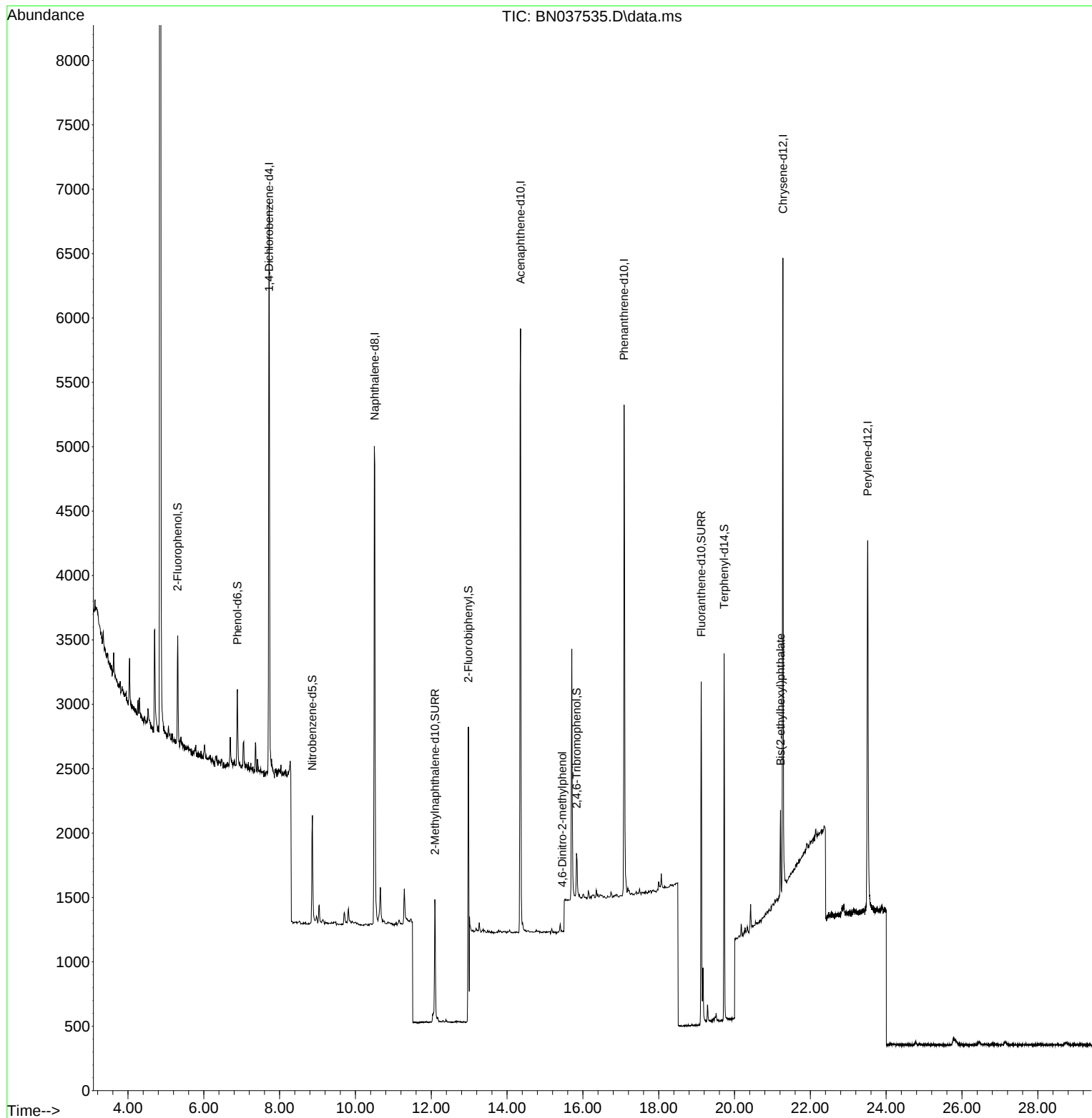
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2287	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5655	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2879	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5456	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	4453	0.400	ng	0.00
35) Perylene-d12	23.514	264	4000	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	670	0.118	ng	0.00
5) Phenol-d6	6.887	99	616	0.087	ng	0.00
8) Nitrobenzene-d5	8.865	82	769	0.182	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1506	0.186	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	227	0.160	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3111	0.208	ng	0.00
27) Fluoranthene-d10	19.123	212	3039	0.210	ng	0.00
31) Terphenyl-d14	19.726	244	2722	0.284	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.457	198	3	0.097	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.214	149	663	0.094	ng	# 96

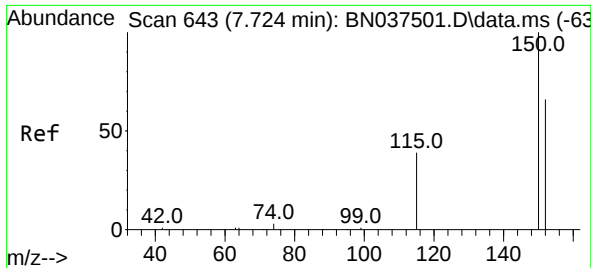
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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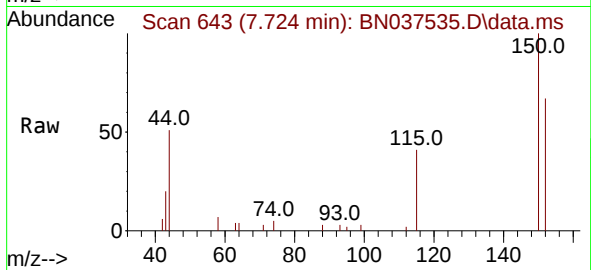
Quant Time: Jul 22 13:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration





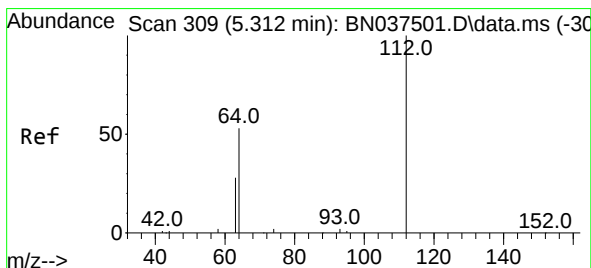
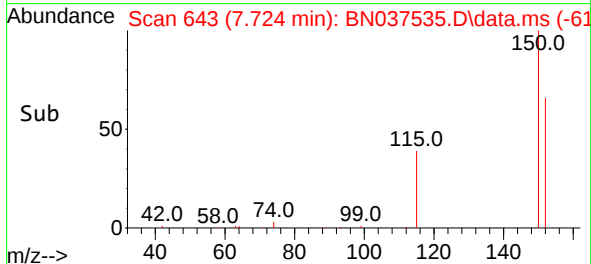
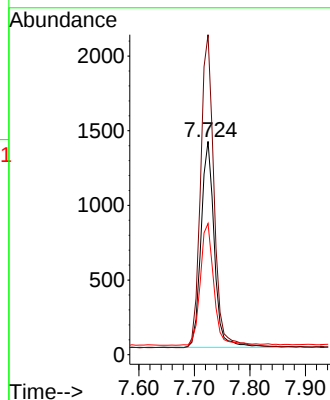
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037535.D
 Acq: 22 Jul 2025 12:40

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 2287

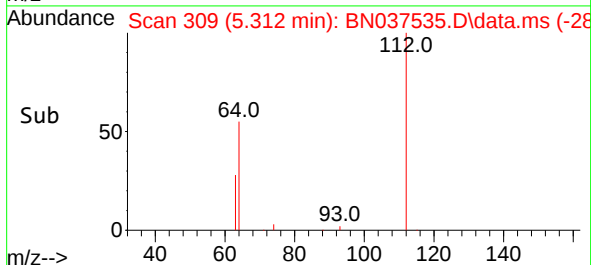
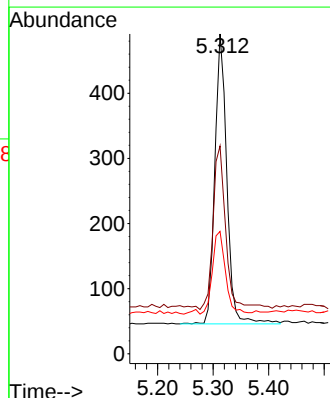
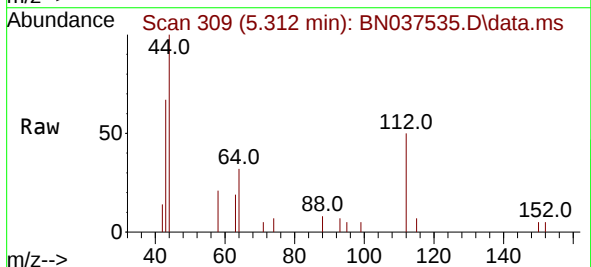
Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.8	179.8
115	61.6	49.1	73.7

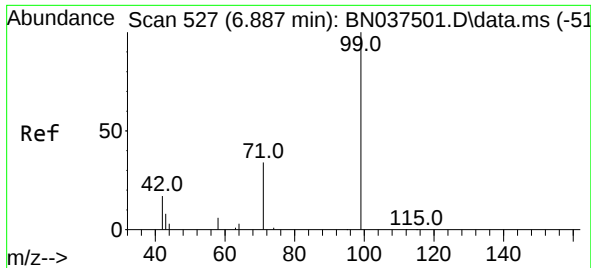


#4
 2-Fluorophenol
 Concen: 0.118 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037535.D
 Acq: 22 Jul 2025 12:40

Tgt Ion:112 Resp: 670

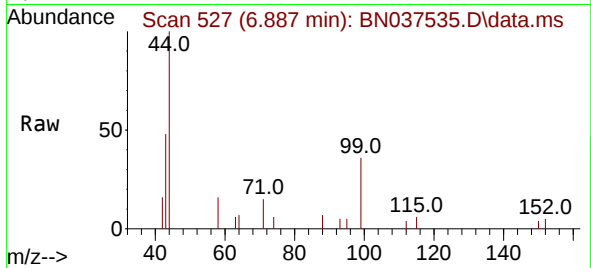
Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.1	67.7
63	30.9	23.8	35.8



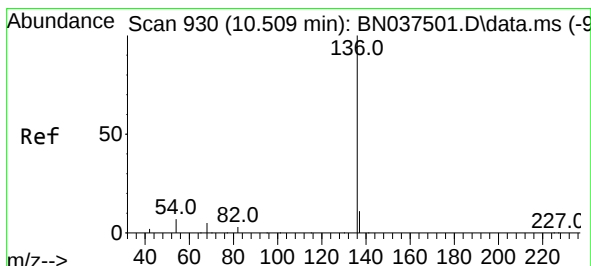
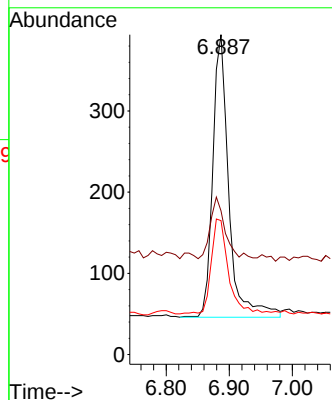
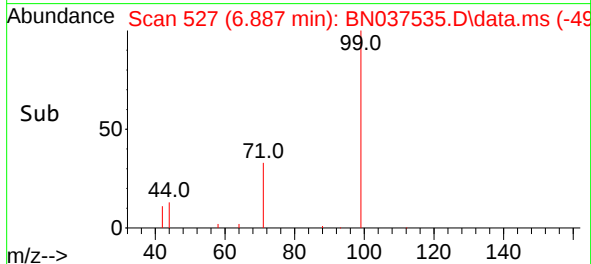


#5
Phenol-d6
Concen: 0.087 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Instrument :
BNA_N
ClientSampleId :

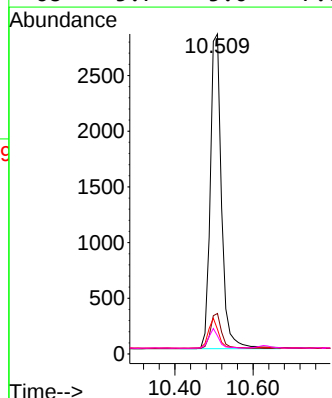
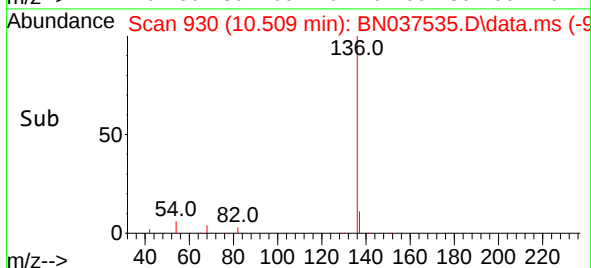
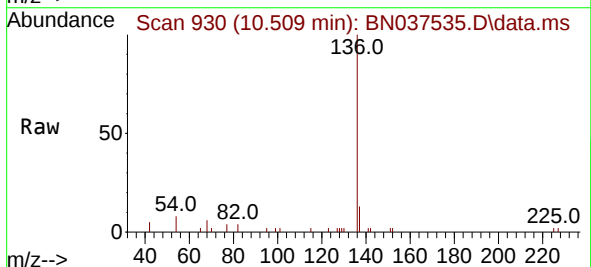


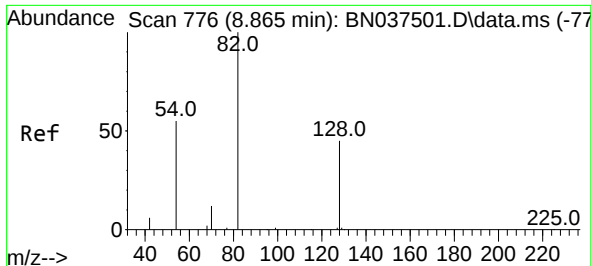
Tgt Ion:	99	Resp:	616
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.1	25.7
71	36.0	27.8	41.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Tgt Ion:	136	Resp:	5655
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.8	14.8
54	7.7	6.6	9.8
68	5.7	5.0	7.6

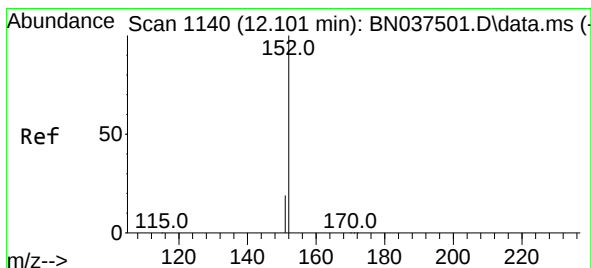
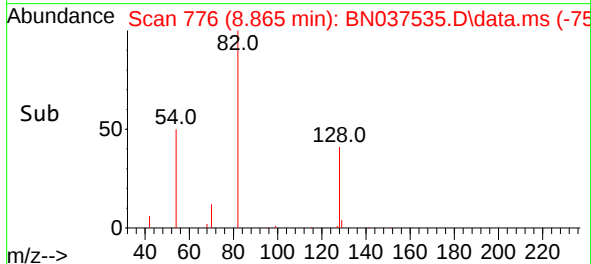
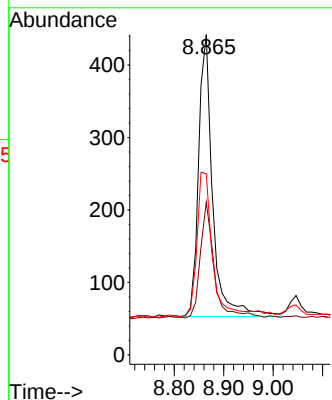
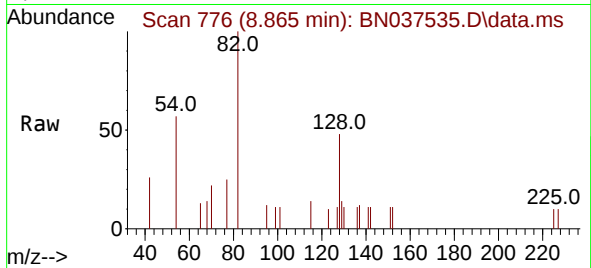




#8
Nitrobenzene-d5
Concen: 0.182 ng
RT: 8.865 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

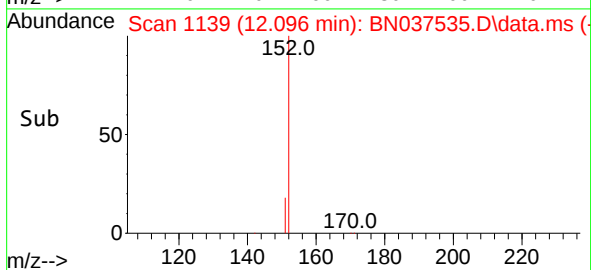
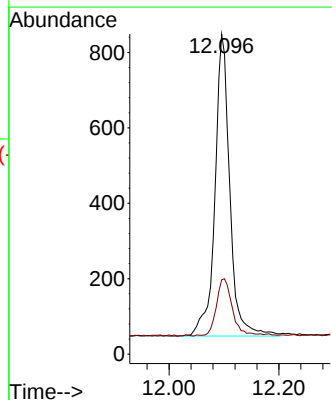
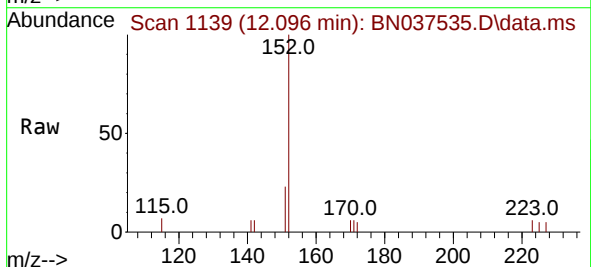
Instrument :
BNA_N
ClientSampleId :

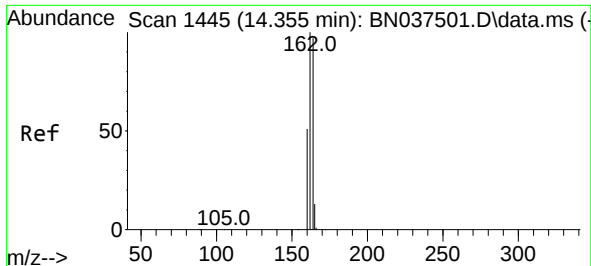
Tgt Ion: 82 Resp: 769
Ion Ratio Lower Upper
82 100
128 47.7 37.5 56.3
54 56.6 45.3 67.9



#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

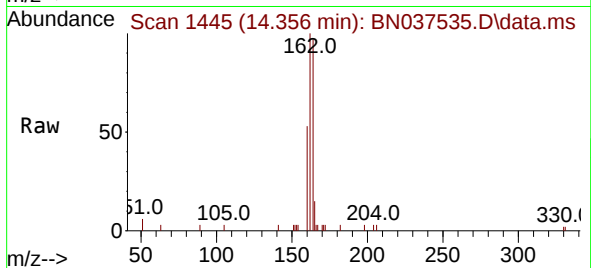
Tgt Ion: 152 Resp: 1506
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



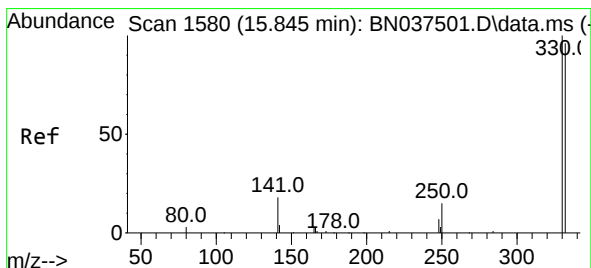
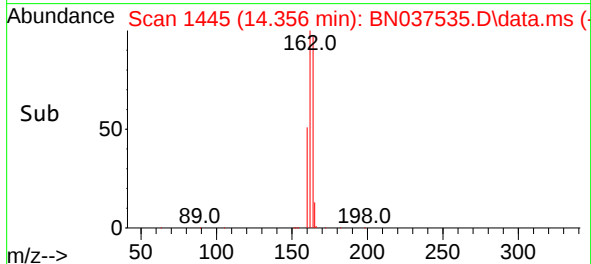
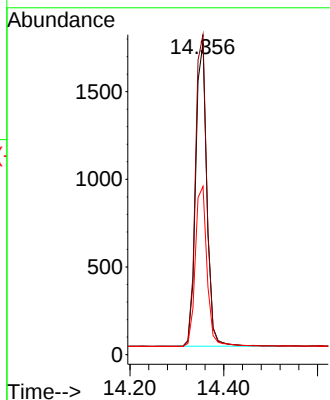


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Instrument :
BNA_N
ClientSampleId :

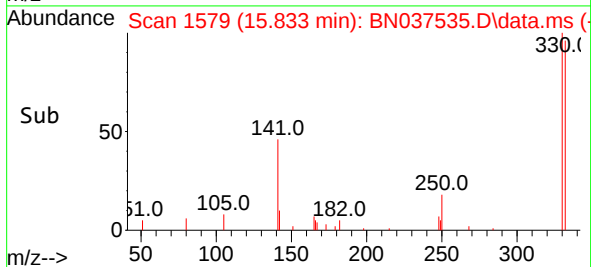
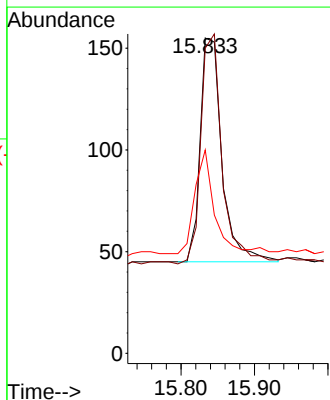
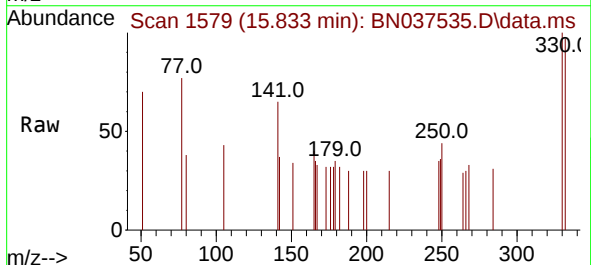


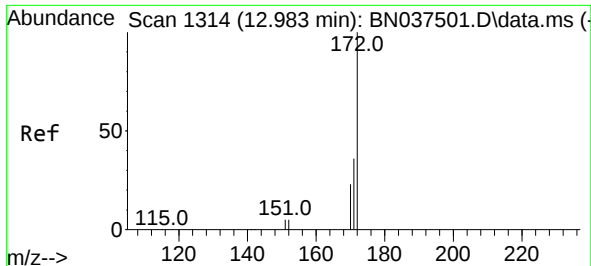
Tgt Ion:164 Resp: 2879
Ion Ratio Lower Upper
164 100
162 102.6 82.0 123.0
160 54.0 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

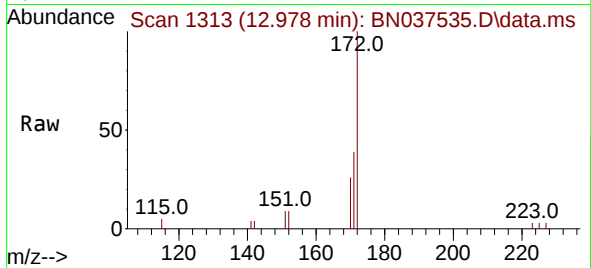
Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 101.3 76.1 114.1
141 42.7 33.4 50.0



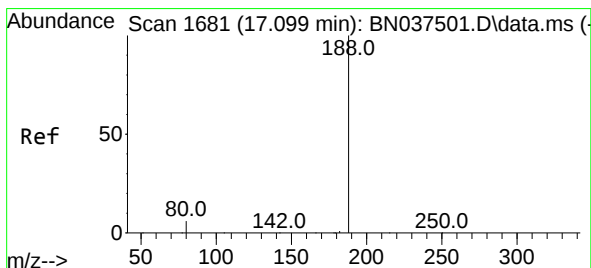
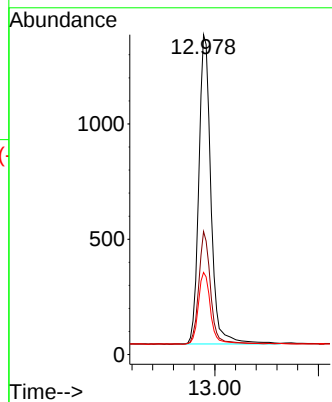
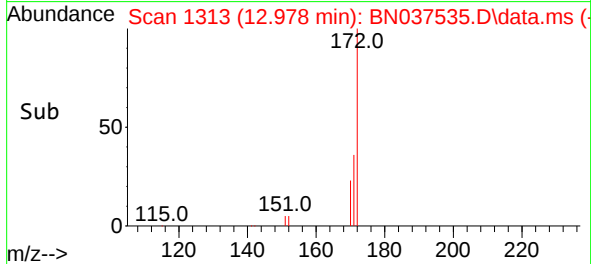


#15
2-Fluorobiphenyl
Concen: 0.208 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Instrument :
BNA_N
ClientSampleId :

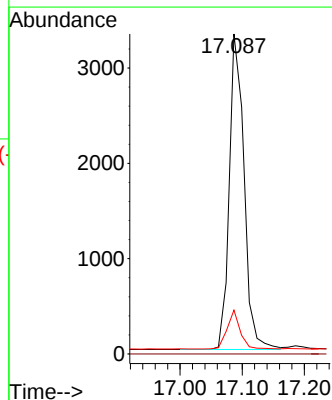
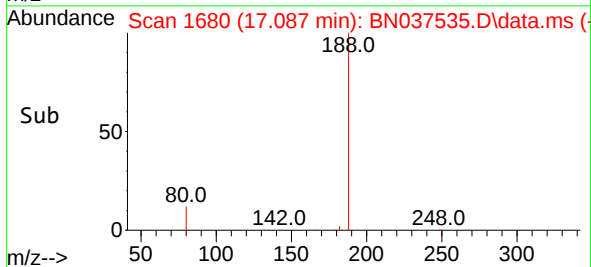
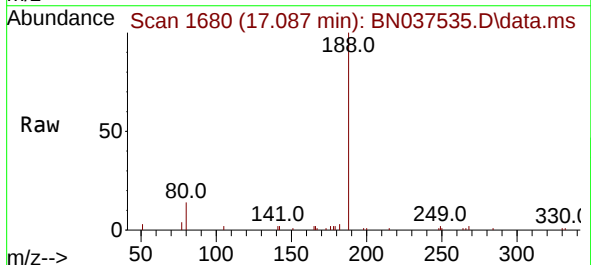


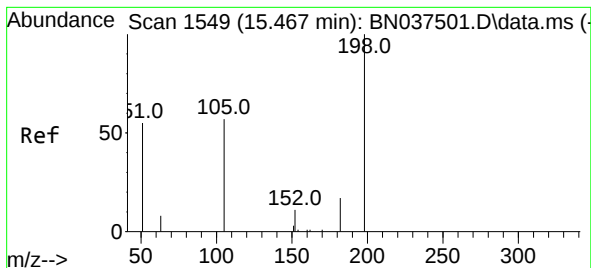
Tgt Ion:172 Resp: 3111
Ion Ratio Lower Upper
172 100
171 38.5 29.4 44.2
170 25.7 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Tgt Ion:188 Resp: 5456
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 6.0 9.0#

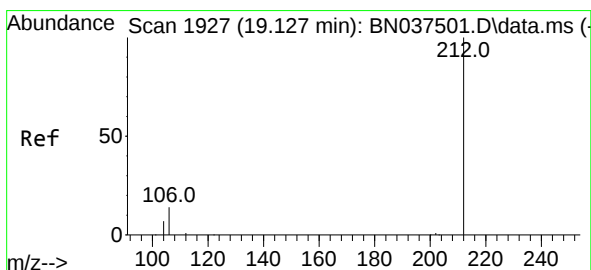
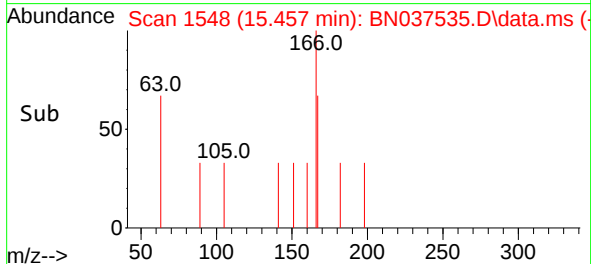
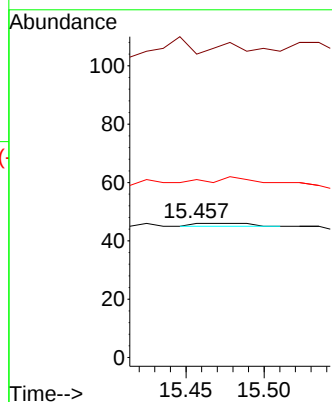
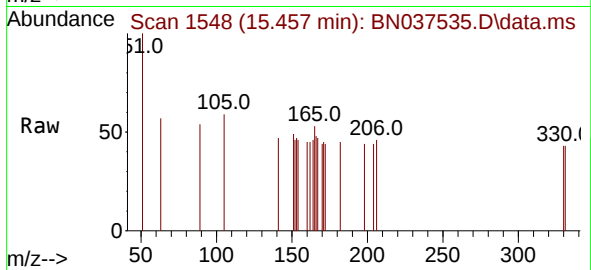




#20
4,6-Dinitro-2-methylphenol
Concen: 0.097 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

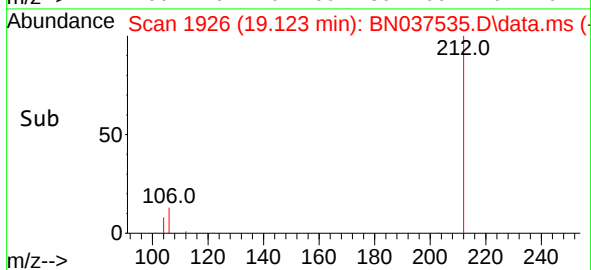
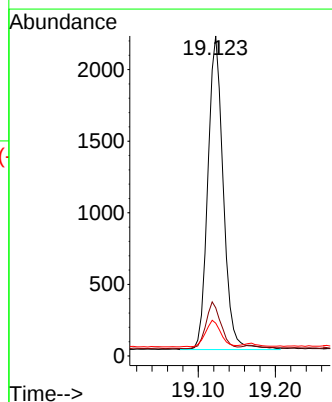
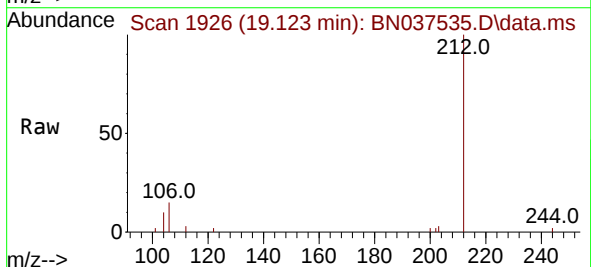
Instrument :
BNA_N
ClientSampleId :

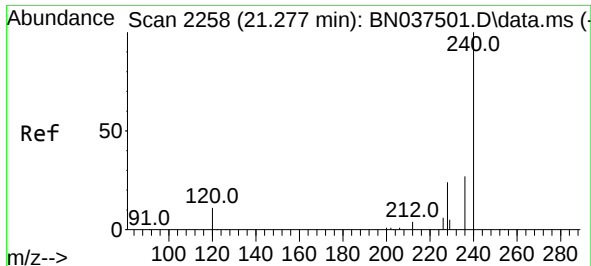
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 226.1 88.5 132.7#
105 132.6 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.210 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

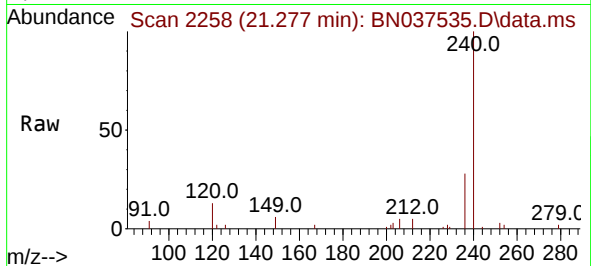
Tgt Ion:212 Resp: 3039
Ion Ratio Lower Upper
212 100
106 14.6 12.2 18.4
104 8.4 6.7 10.1



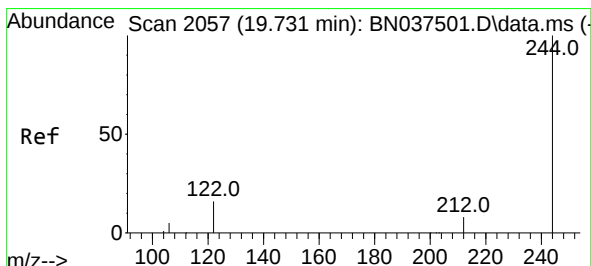
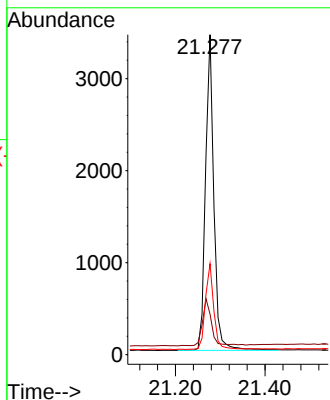


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Instrument :
BNA_N
ClientSampleId :

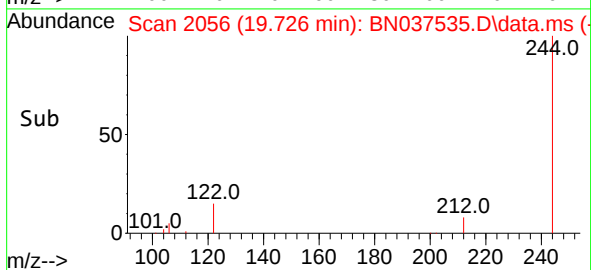
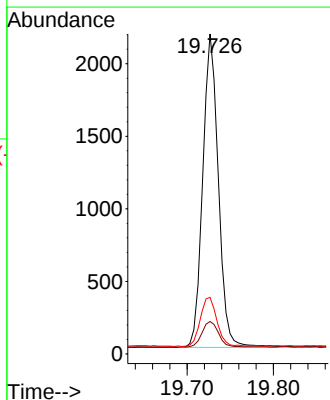
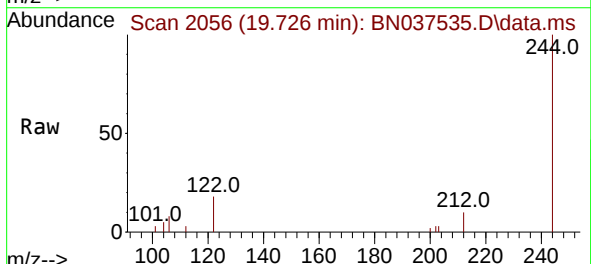


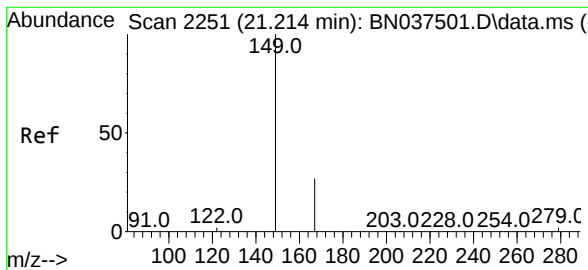
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.7	16.1
236	28.5	22.6	33.8



#31
Terphenyl-d14
Concen: 0.284 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037535.D
Acq: 22 Jul 2025 12:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.4	11.2
122	17.7	13.6	20.4

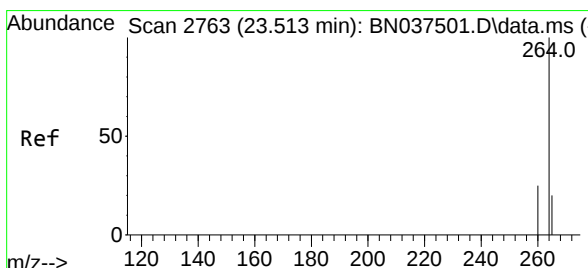
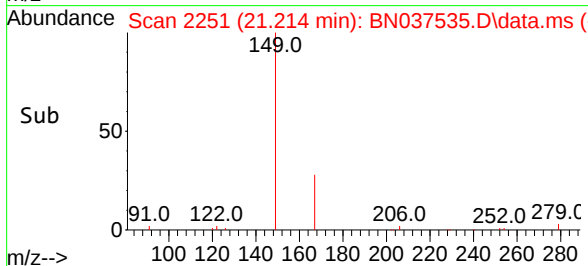
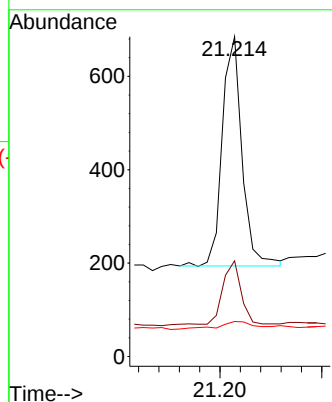
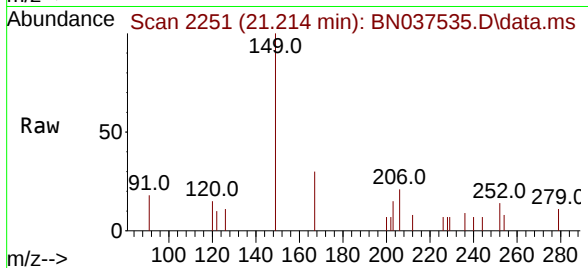




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037535.D
 Acq: 22 Jul 2025 12:40

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 663
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.8
 279 5.6 3.0 4.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.514 min Scan# 2763
 Delta R.T. 0.000 min
 Lab File: BN037535.D
 Acq: 22 Jul 2025 12:40

Tgt Ion:264 Resp: 4000
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.2 31.8
 265 60.1 40.4 60.6

