

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037513.D
 Acq On : 16 Jul 2025 11:40
 Operator : RC/JU
 Sample : Q2603-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709

Quant Time: Jul 16 12:17:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 16 02:38:11 2025
 Response via : Initial Calibration

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

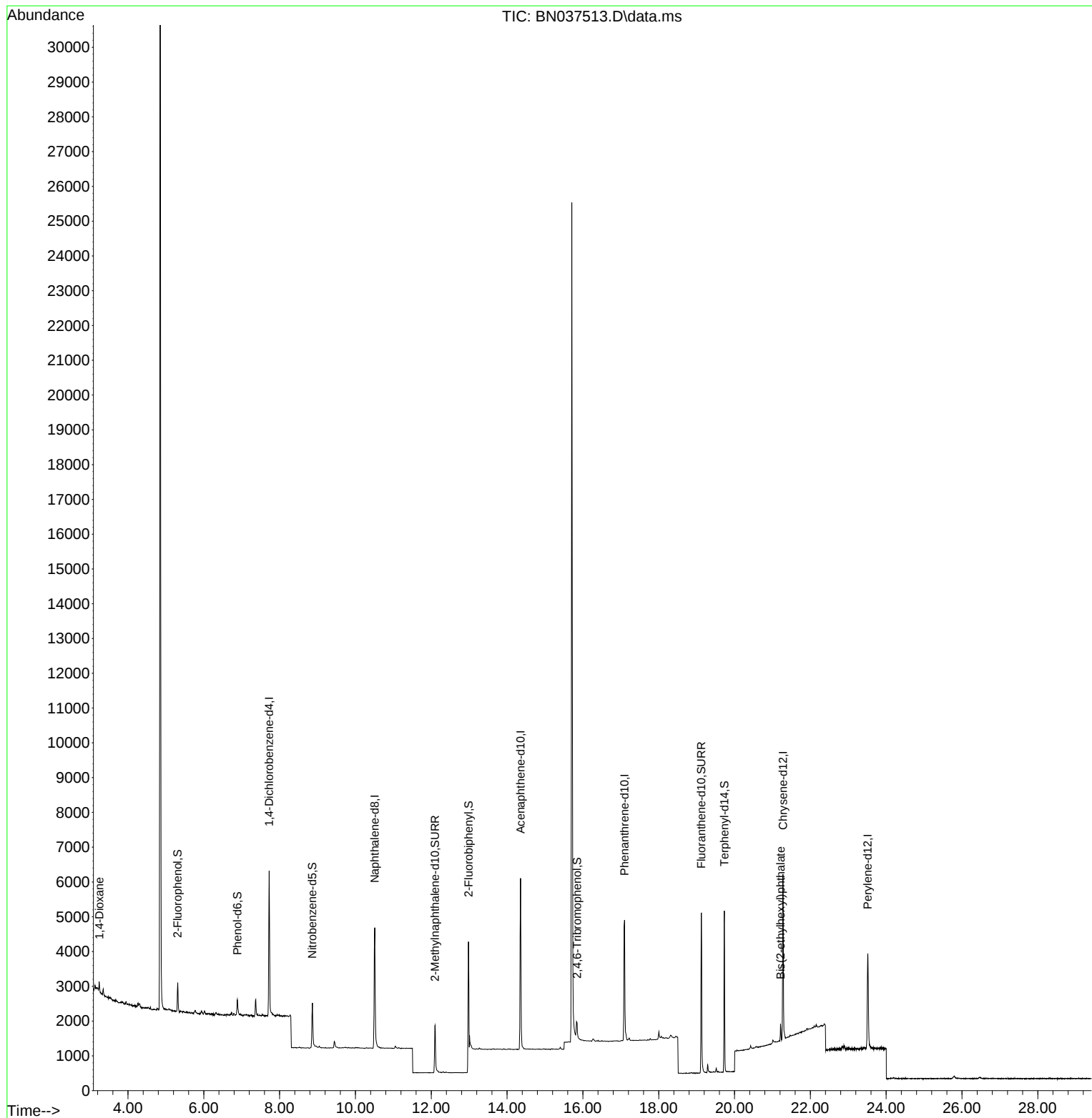
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2084	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5174	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2862	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	5795	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4345	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	3728	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	640	0.124	ng	0.00
5) Phenol-d6	6.887	99	435	0.067	ng	0.00
8) Nitrobenzene-d5	8.865	82	1192	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2162	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	372	0.264	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5463	0.367	ng	0.00
27) Fluoranthene-d10	19.127	212	5318	0.346	ng	0.00
31) Terphenyl-d14	19.731	244	4219	0.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	192	0.096	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.214	149	491	0.072	ng	# 93

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

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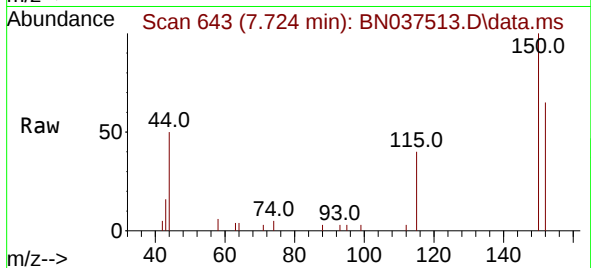
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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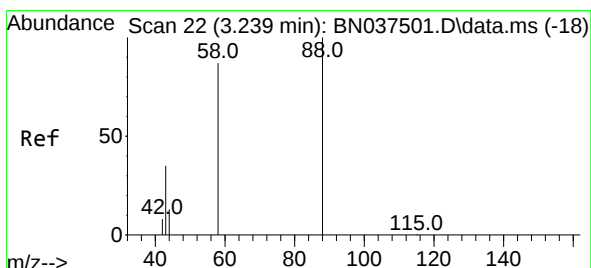
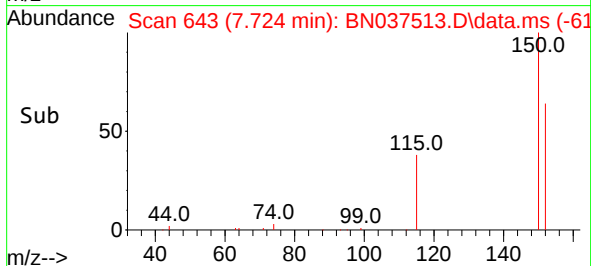
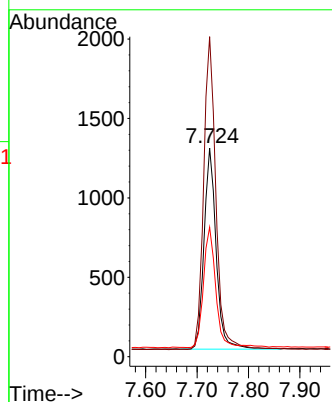
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709



Tgt Ion:152 Resp: 2084

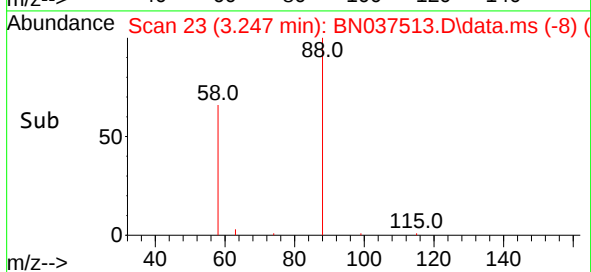
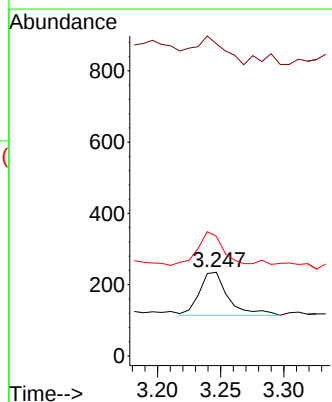
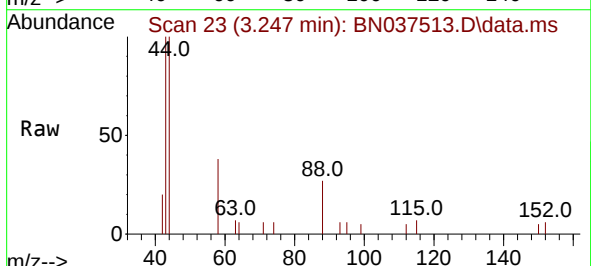
Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.8	179.8
115	62.0	49.1	73.7

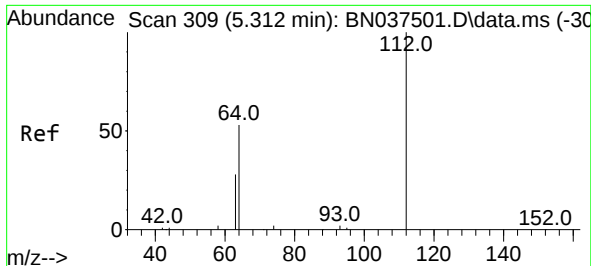


#2
 1,4-Dioxane
 Concen: 0.096 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Tgt Ion: 88 Resp: 192

Ion	Ratio	Lower	Upper
88	100		
43	68.8	27.5	41.3#
58	69.3	62.7	94.1

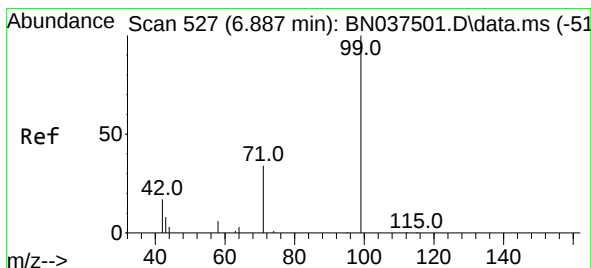
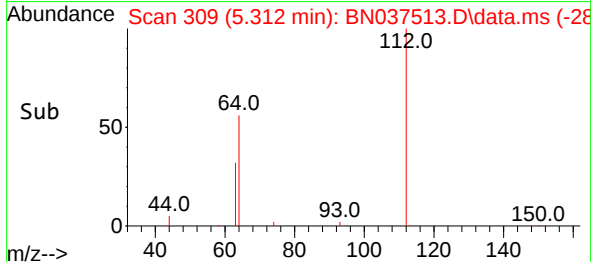
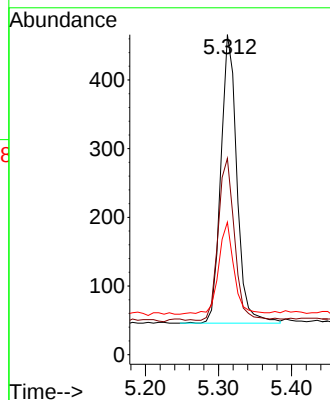
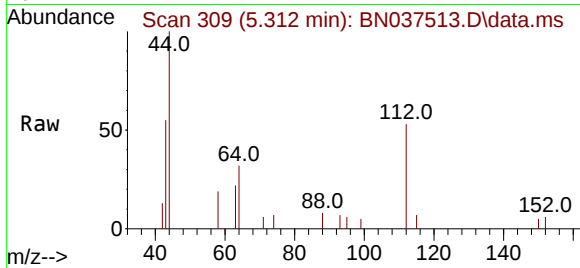




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

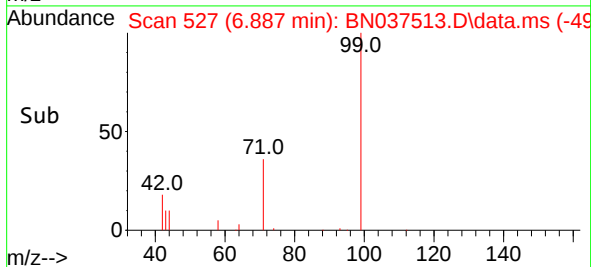
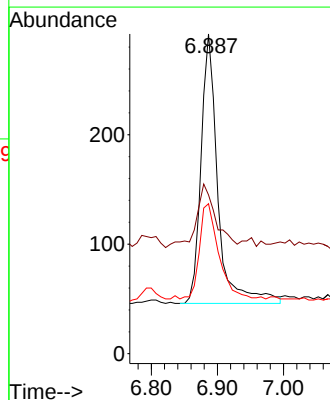
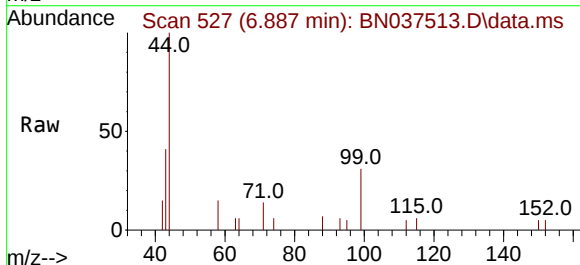
Instrument :
BNA_N
ClientSampleId :
RW7-Pond-Test-20250709

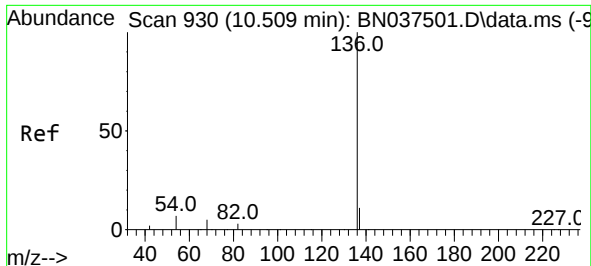
Tgt Ion:112 Resp: 640
Ion Ratio Lower Upper
112 100
64 58.0 45.1 67.7
63 30.9 23.8 35.8



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion: 99 Resp: 435
Ion Ratio Lower Upper
99 100
42 27.1 17.1 25.7#
71 40.2 27.8 41.8

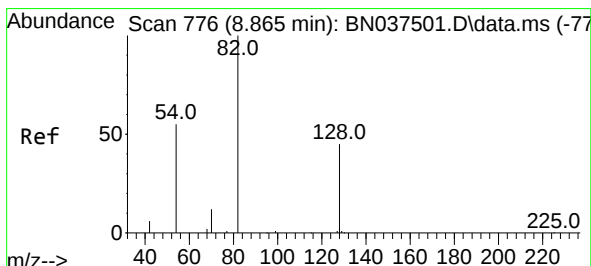
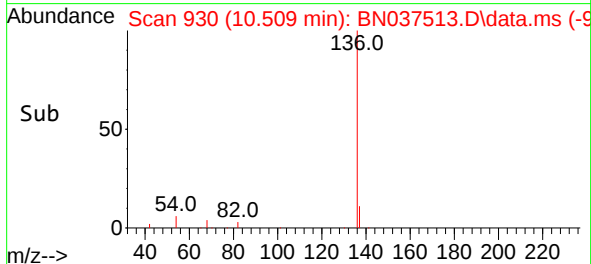
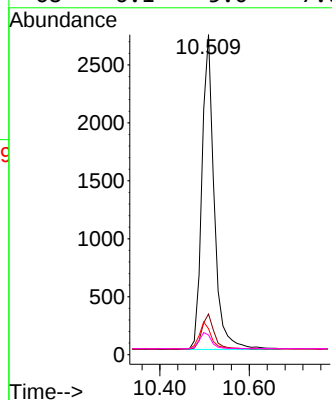
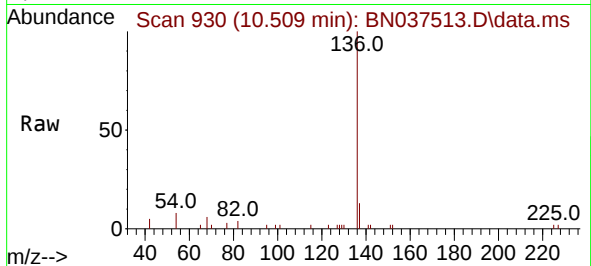




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

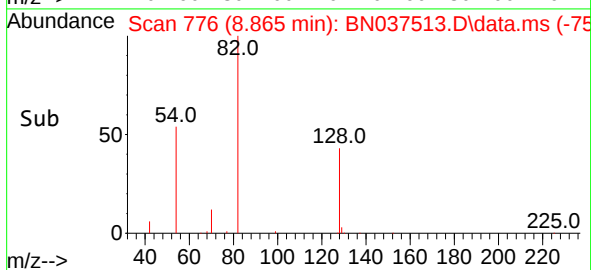
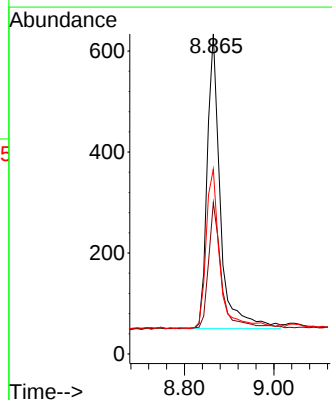
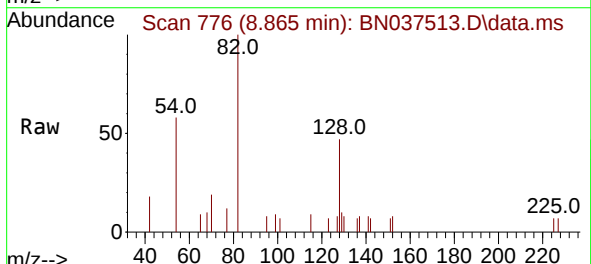
Instrument :
BNA_N
ClientSampleId :
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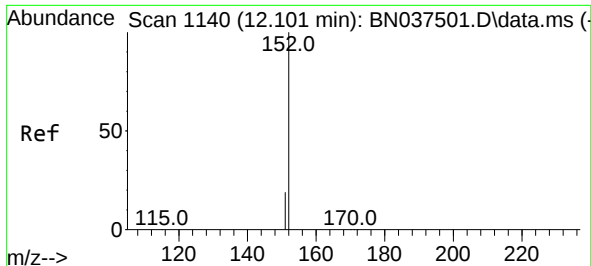
Tgt Ion:	136	Resp:	5174
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	8.1	6.6	9.8
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:	82	Resp:	1192
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	57.7	45.3	67.9

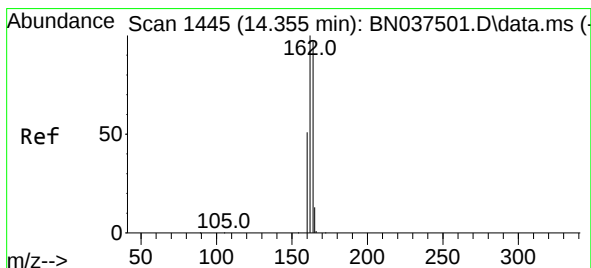
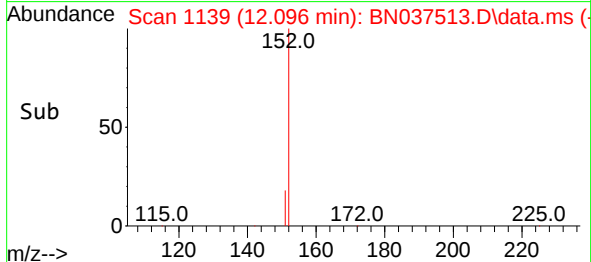
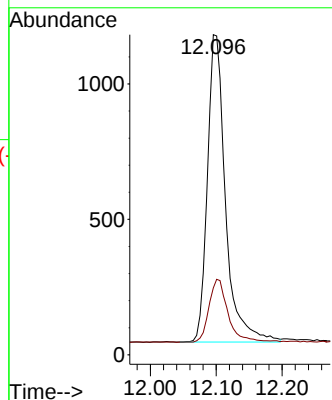
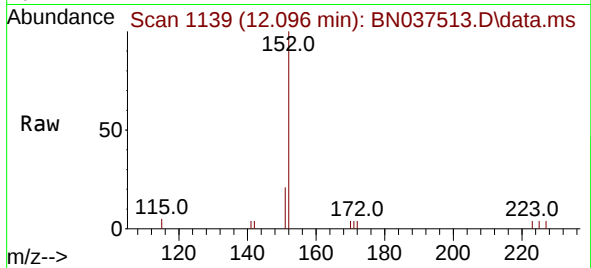




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

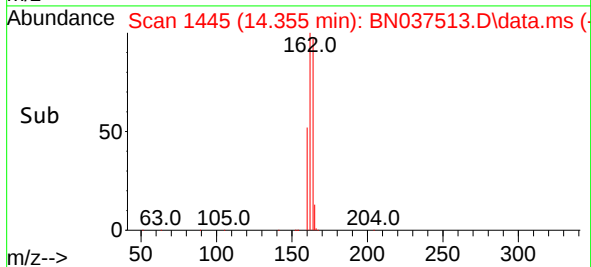
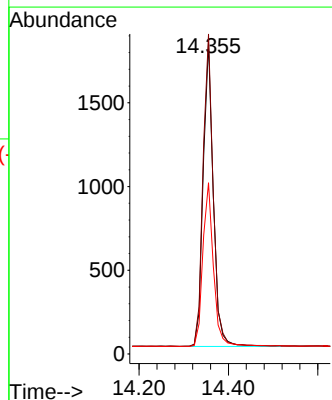
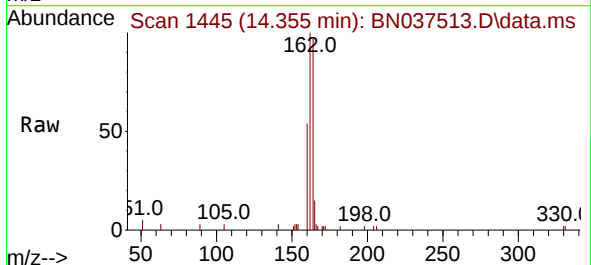
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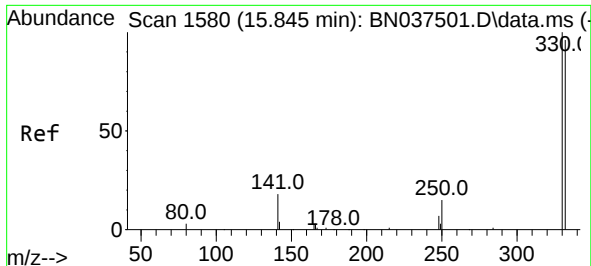
Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:164 Resp: 2862
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 55.1 42.4 63.6

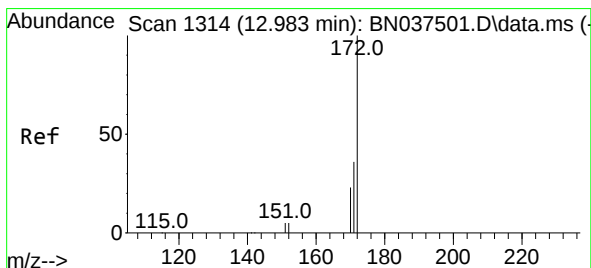
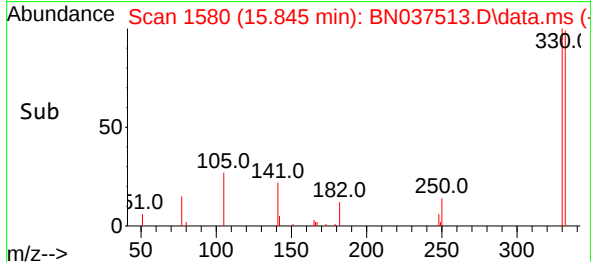
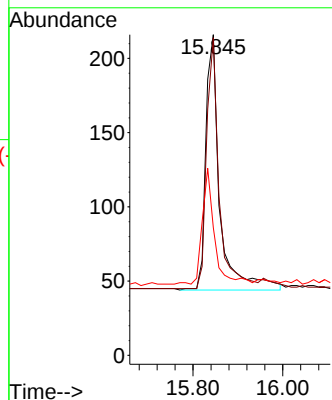
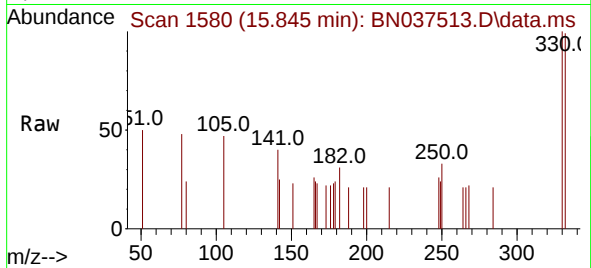




#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

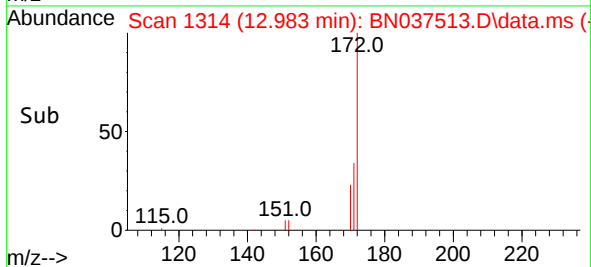
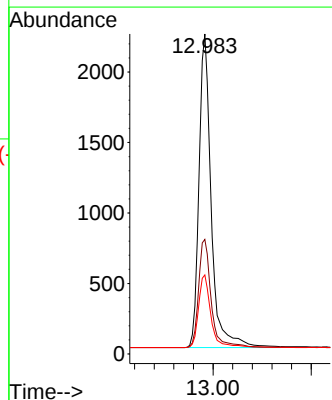
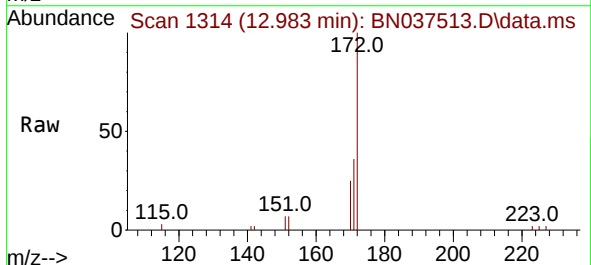
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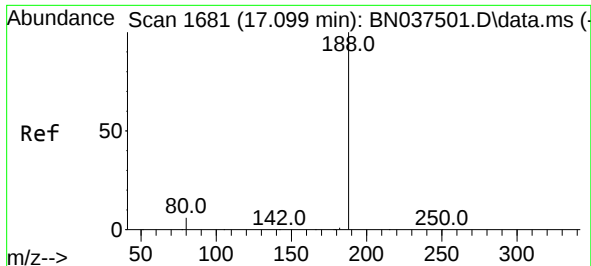
Tgt Ion:330 Resp: 372
Ion Ratio Lower Upper
330 100
332 87.4 76.1 114.1
141 40.9 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:172 Resp: 5463
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.2
170 24.7 19.4 29.0

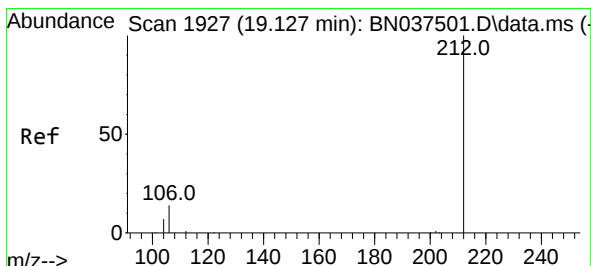
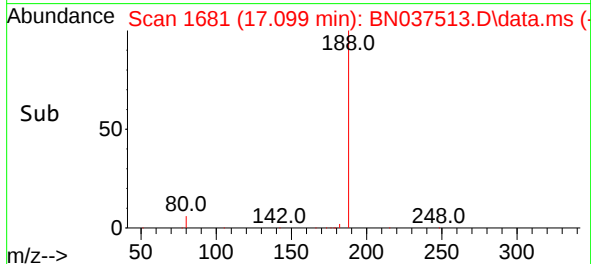
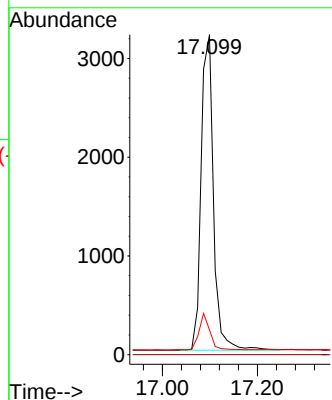
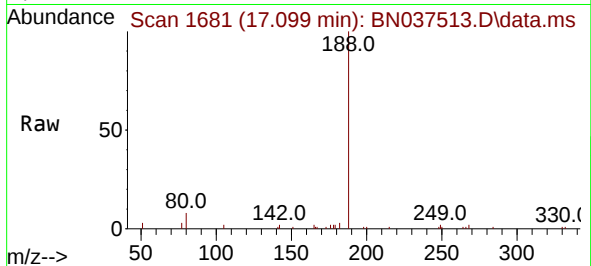




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

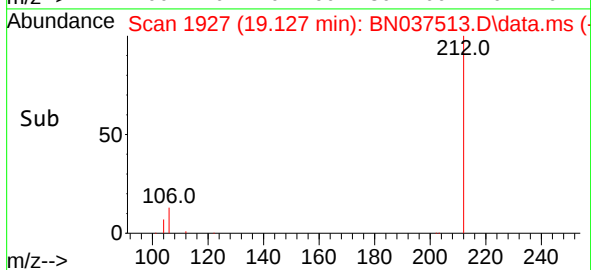
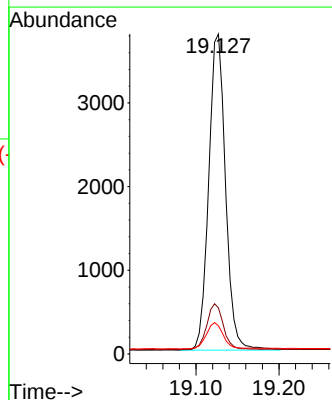
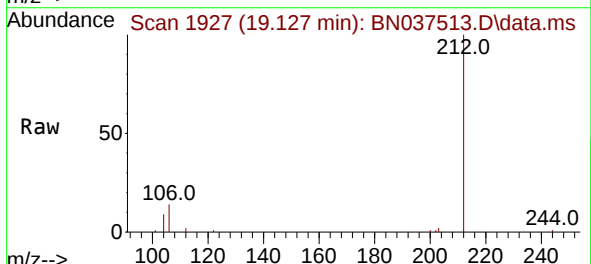
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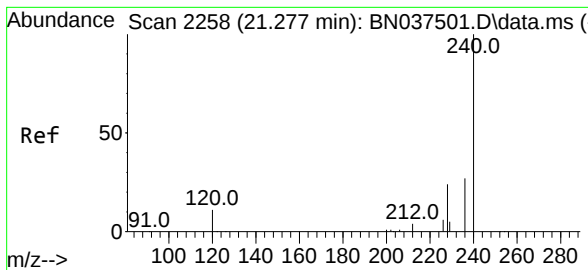
Tgt Ion:188 Resp: 5795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.0 9.0



#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.127 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:212 Resp: 5318
Ion Ratio Lower Upper
212 100
106 14.5 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: BN037513.D

Acq: 16 Jul 2025 11:40

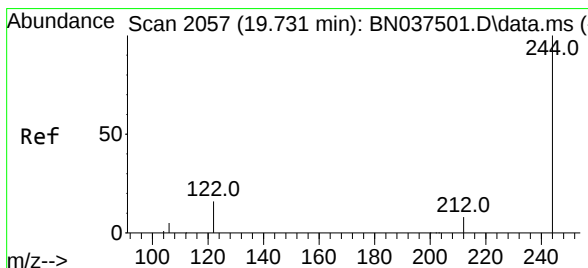
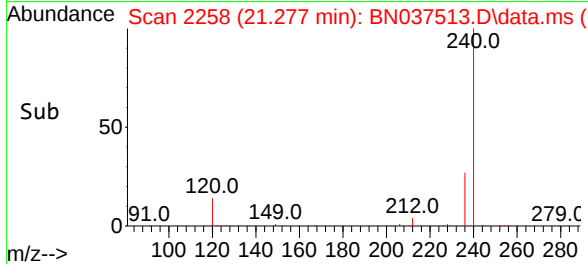
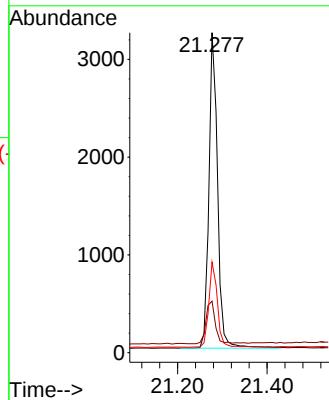
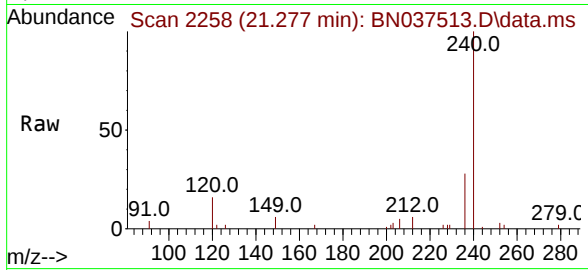
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:240	Resp:	4345
Ion Ratio	Lower	Upper
240	100	
120	16.1	10.7 16.1#
236	28.3	22.6 33.8



#31

Terphenyl-d14

Concen: 0.452 ng

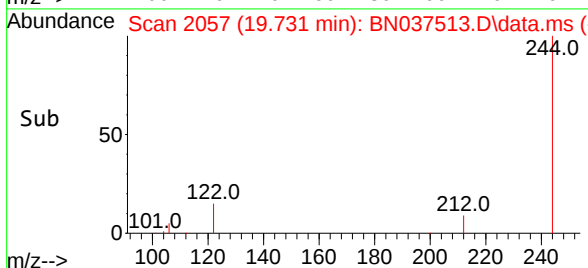
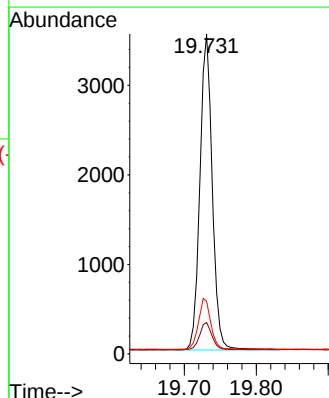
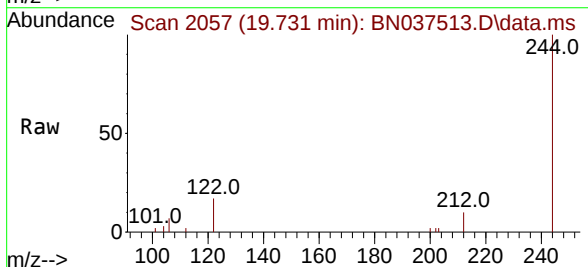
RT: 19.731 min Scan# 2057

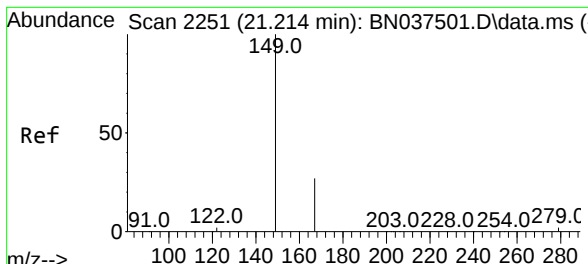
Delta R.T. -0.000 min

Lab File: BN037513.D

Acq: 16 Jul 2025 11:40

Tgt Ion:244	Resp:	4219
Ion Ratio	Lower	Upper
244	100	
212	9.8	7.4 11.2
122	16.5	13.6 20.4

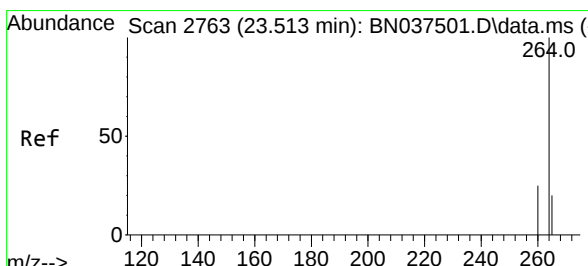
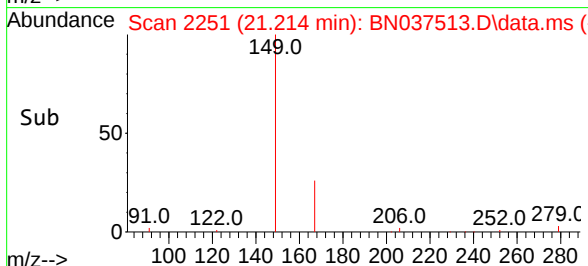
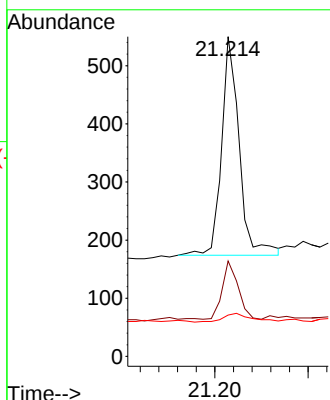
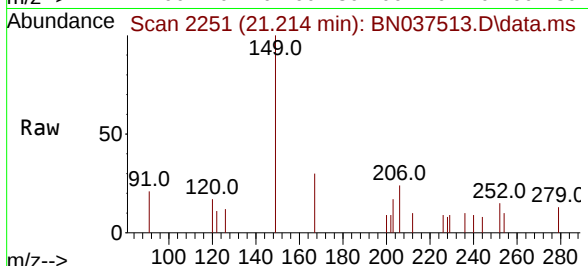




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709

Tgt Ion:	149	Resp:	491
Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.8	32.8
279	6.3	3.0	4.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 2764
 Delta R.T. 0.003 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Tgt Ion:	264	Resp:	3728
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	55.1	40.4	60.6

