

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037512.D
 Acq On : 16 Jul 2025 11:04
 Operator : RC/JU
 Sample : Q2603-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-Test-20250709

Quant Time: Jul 16 12:17:35 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)

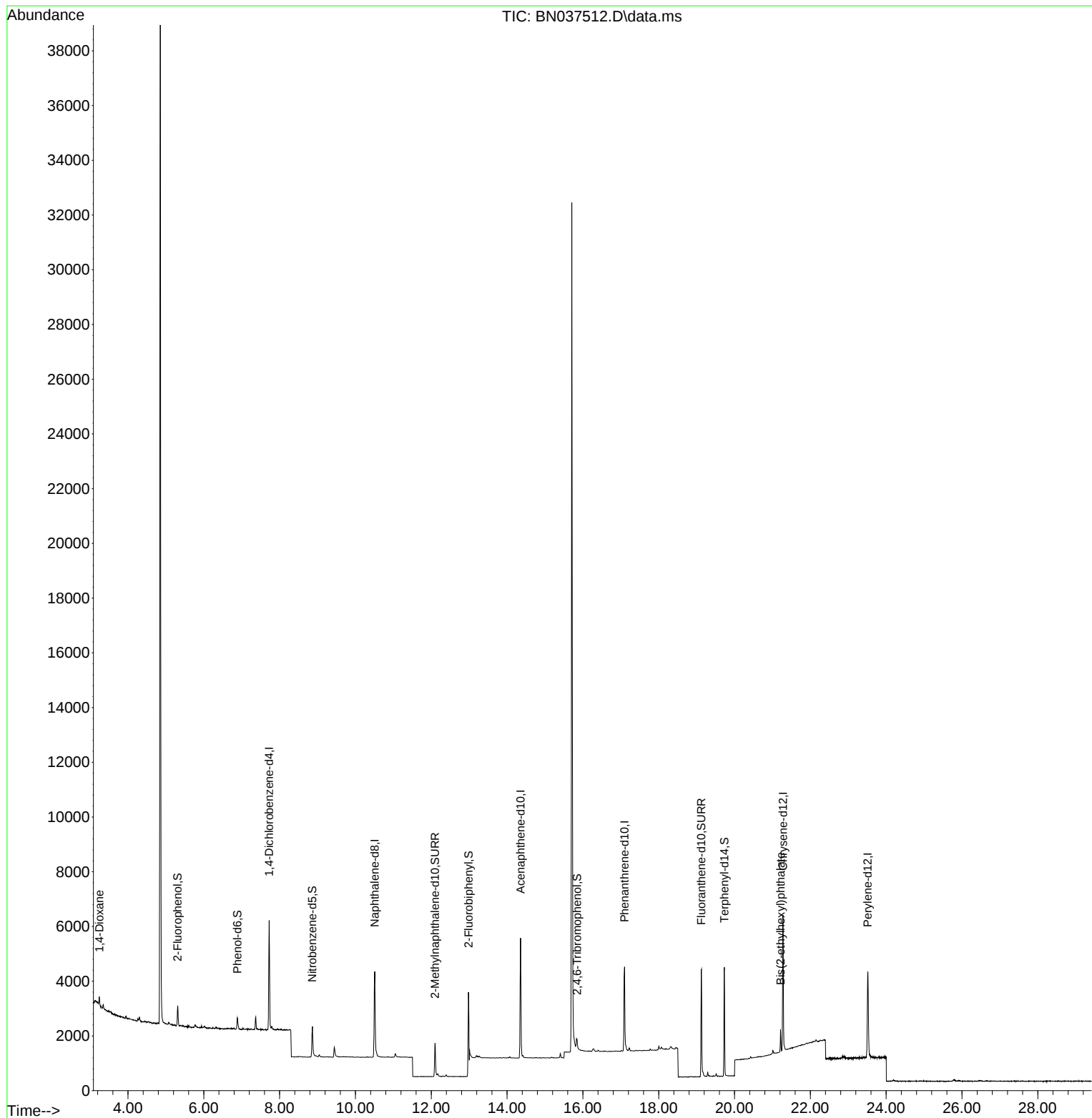
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1928	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4714	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2443	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4918	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4511	0.400	ng	0.00
35) Perylene-d12	23.516	264	4307	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	584	0.122	ng	0.00
5) Phenol-d6	6.886	99	400	0.067	ng	0.00
8) Nitrobenzene-d5	8.864	82	1042	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1858	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	287	0.239	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4329	0.341	ng	0.00
27) Fluoranthene-d10	19.127	212	4467	0.343	ng	0.00
31) Terphenyl-d14	19.731	244	3792	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	186	0.100	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.214	149	769	0.108	ng	# 99

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

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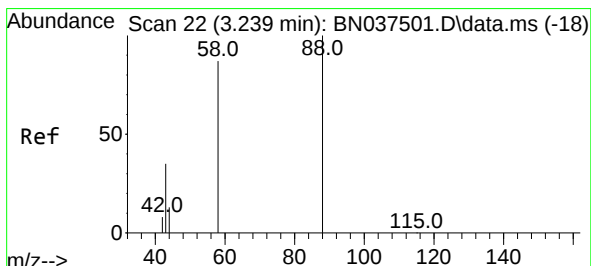
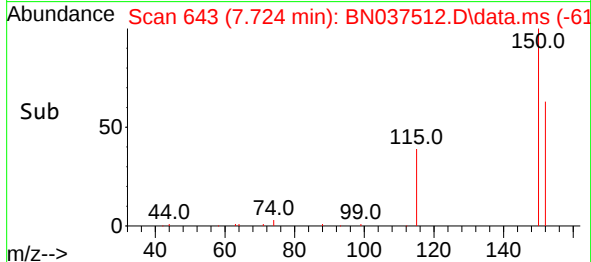
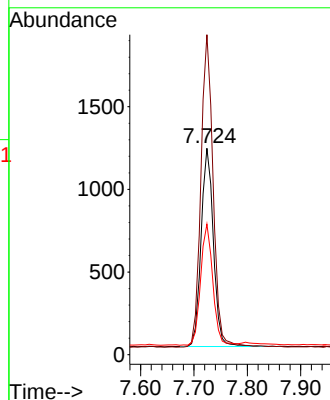
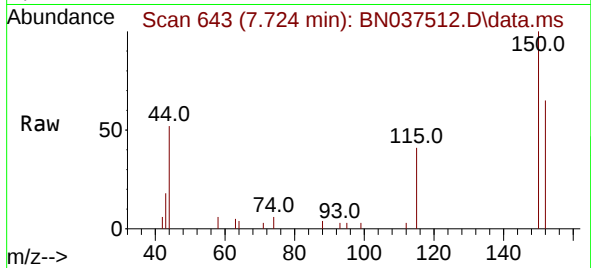




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037512.D
 Acq: 16 Jul 2025 11:04

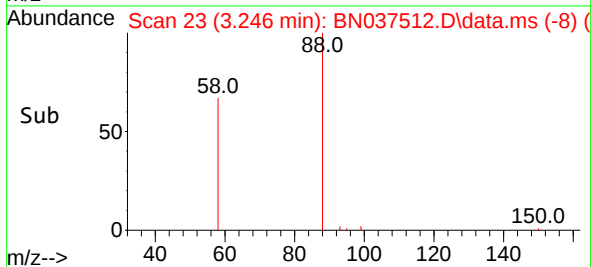
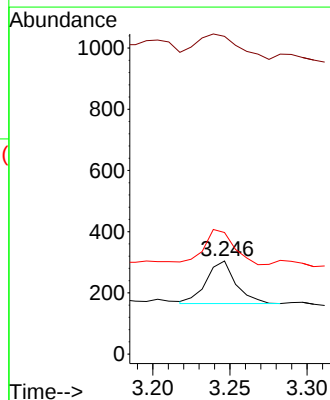
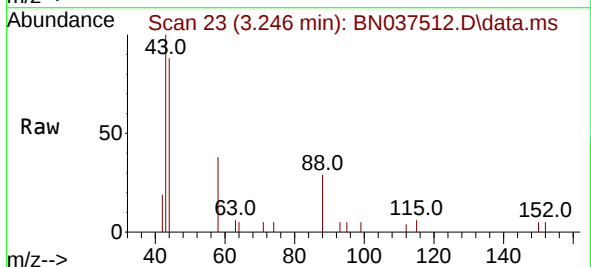
Instrument :
 BNA_N
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 RW7-SP303-Test-20250709

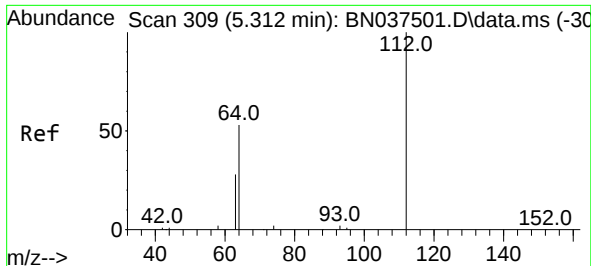
Tgt Ion:152 Resp: 1928
 Ion Ratio Lower Upper
 152 100
 150 155.0 119.8 179.8
 115 63.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.100 ng
 RT: 3.246 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037512.D
 Acq: 16 Jul 2025 11:04

Tgt Ion: 88 Resp: 186
 Ion Ratio Lower Upper
 88 100
 43 83.3 27.5 41.3#
 58 82.3 62.7 94.1

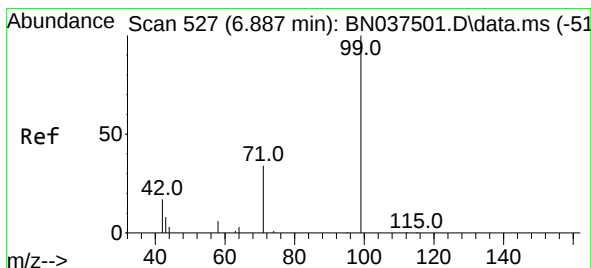
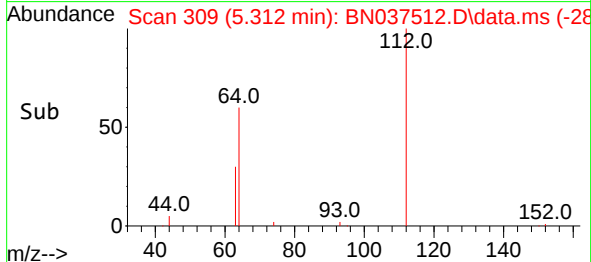
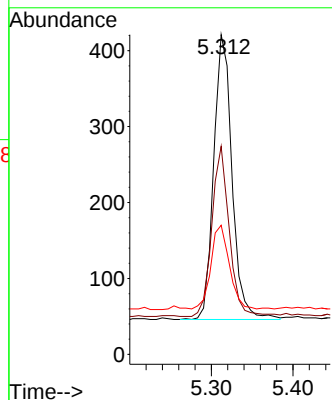
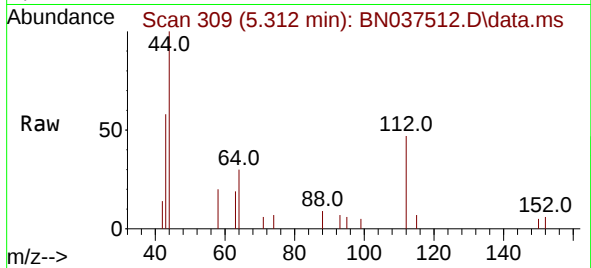




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

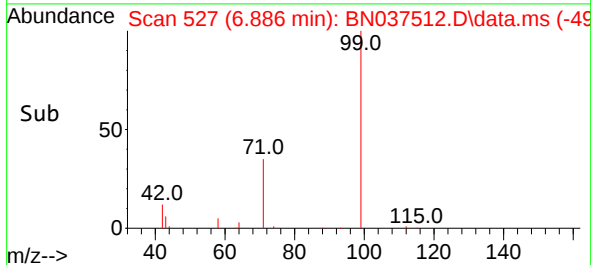
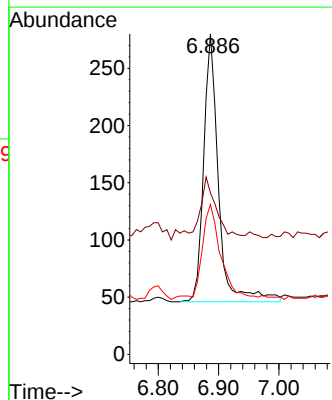
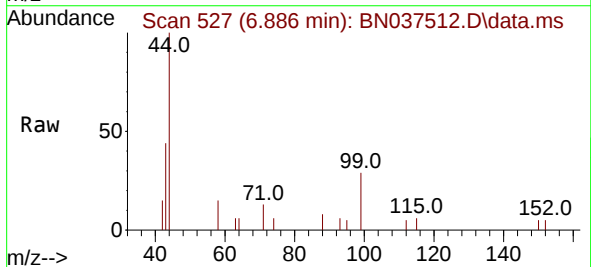
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-Test-20250709

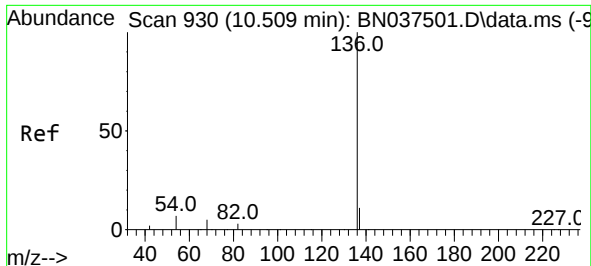
Tgt Ion:112 Resp: 584
Ion Ratio Lower Upper
112 100
64 57.0 45.1 67.7
63 29.5 23.8 35.8



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion: 99 Resp: 400
Ion Ratio Lower Upper
99 100
42 22.5 17.1 25.7
71 45.3 27.8 41.8#

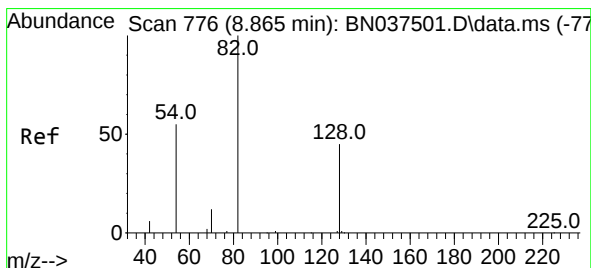
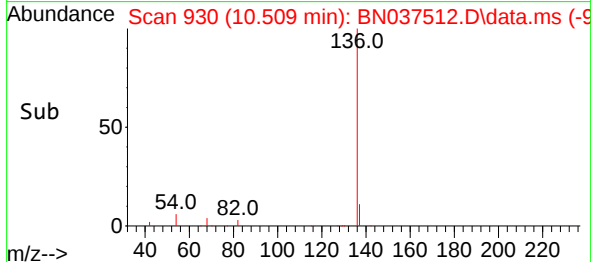
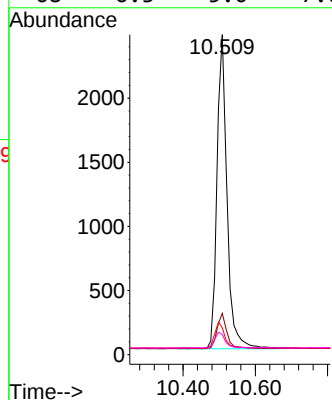
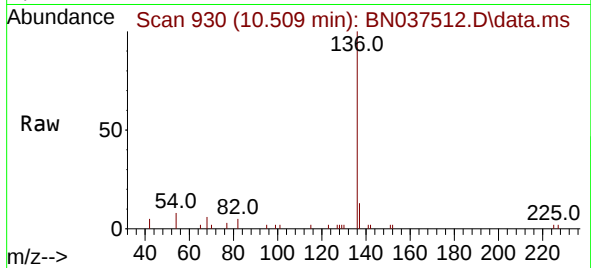




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

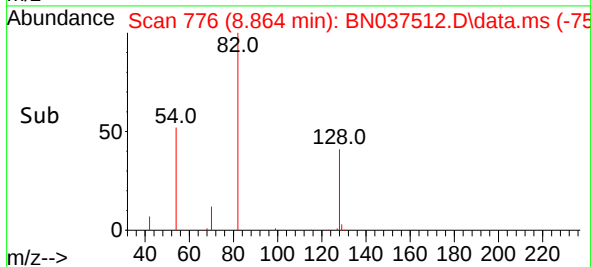
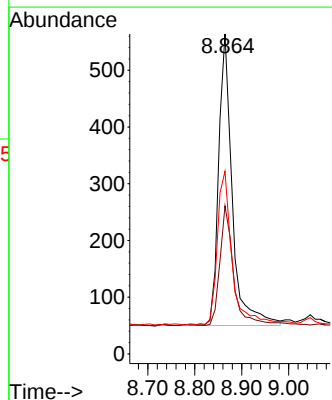
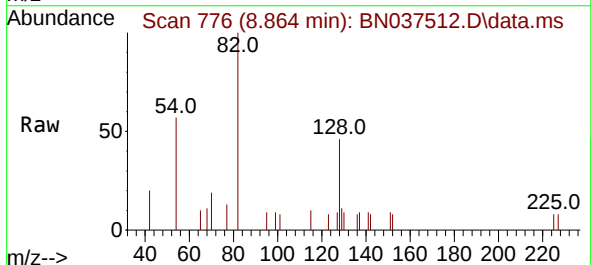
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-Test-20250709

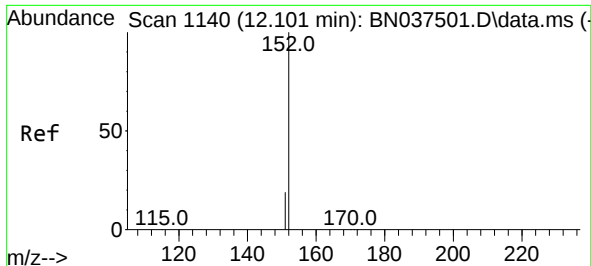
Tgt Ion:	136	Resp:	4714
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.8	14.8
54	8.4	6.6	9.8
68	6.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion:	82	Resp:	1042
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.5	56.3
54	57.1	45.3	67.9

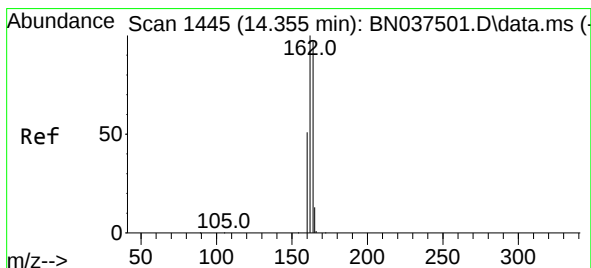
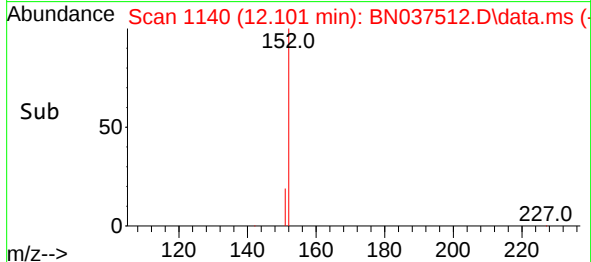
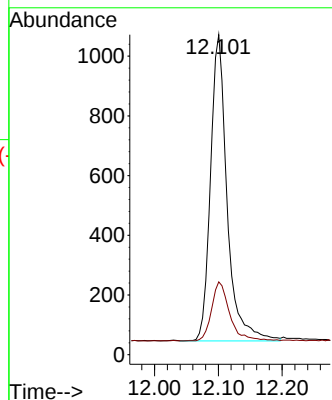
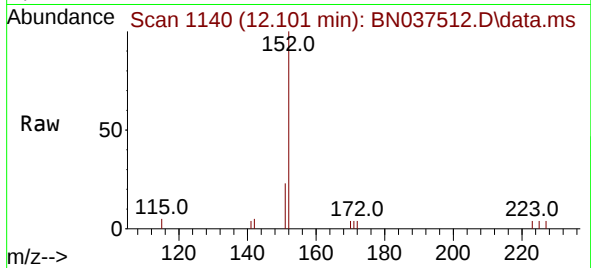




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

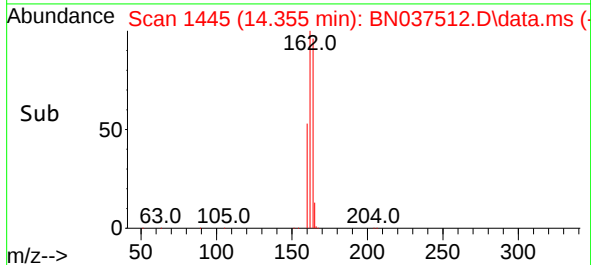
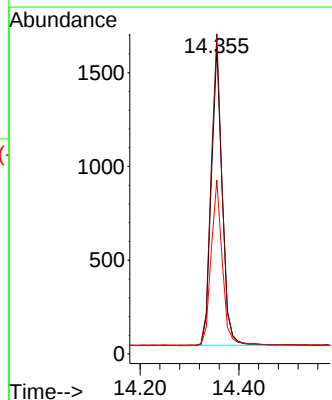
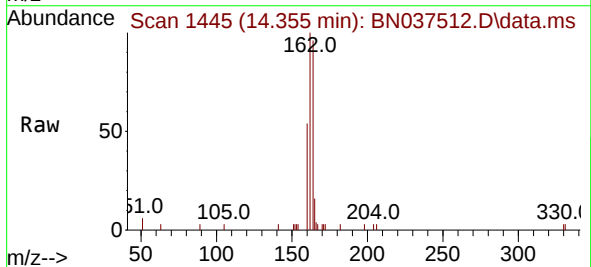
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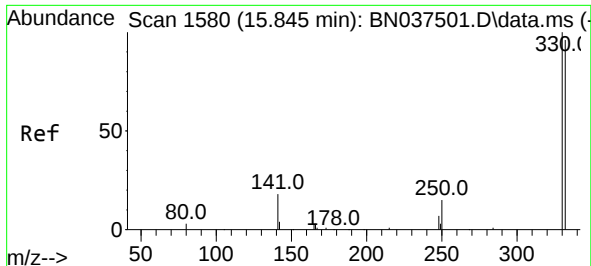
Tgt Ion:152 Resp: 1858
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion:164 Resp: 2443
Ion Ratio Lower Upper
164 100
162 104.2 82.0 123.0
160 56.7 42.4 63.6

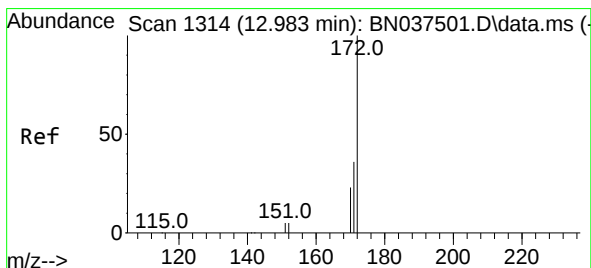
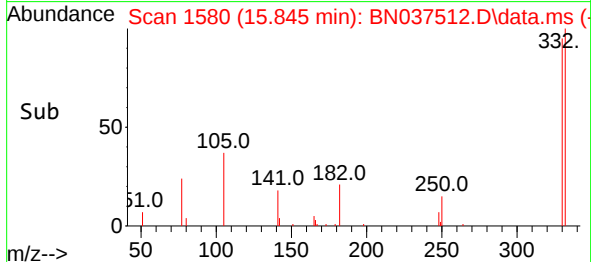
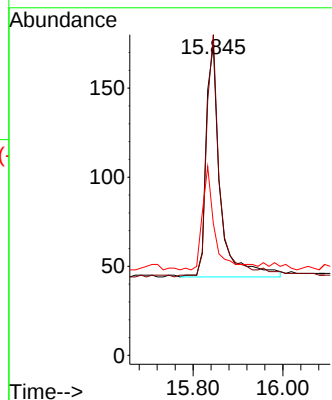
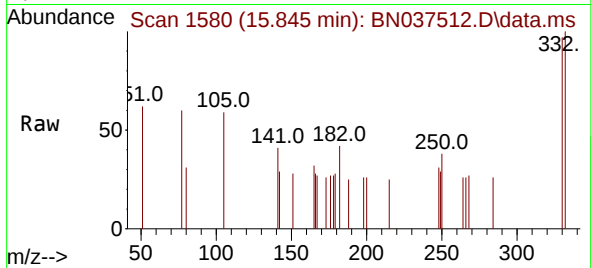




#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

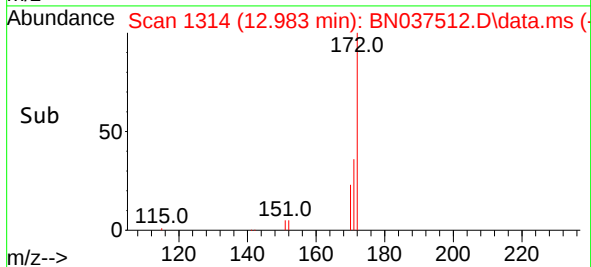
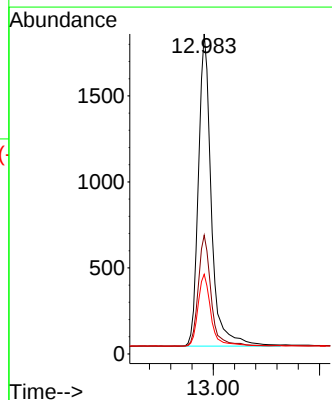
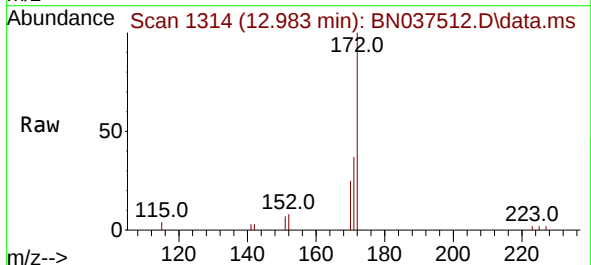
Instrument :
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RW7-SP303-Test-20250709

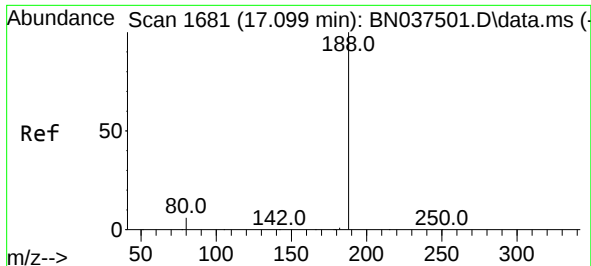
Tgt Ion:330 Resp: 287
Ion Ratio Lower Upper
330 100
332 99.0 76.1 114.1
141 39.7 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion:172 Resp: 4329
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.2
170 24.9 19.4 29.0

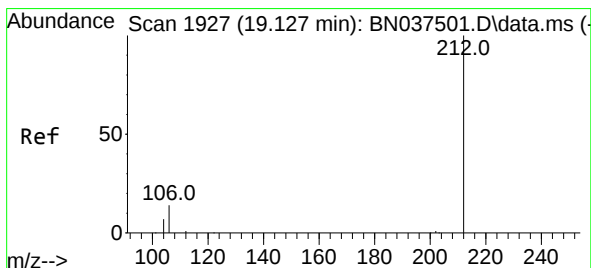
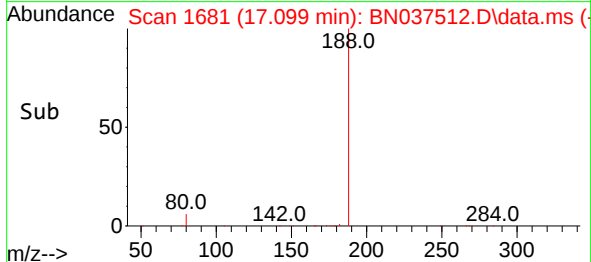
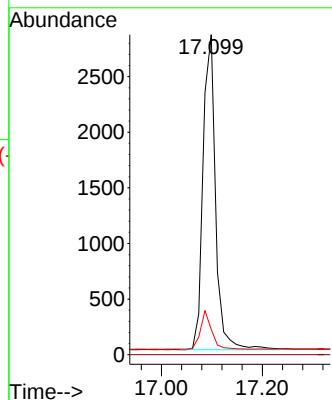
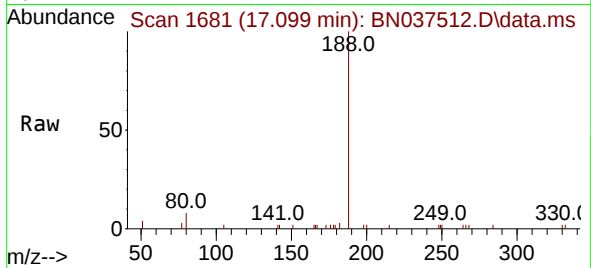




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

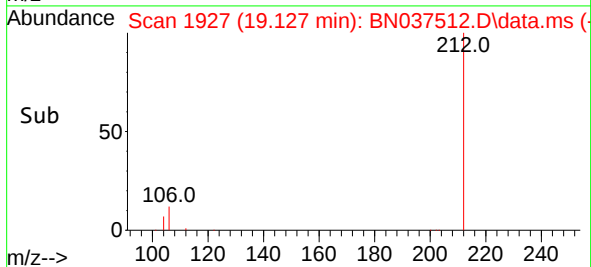
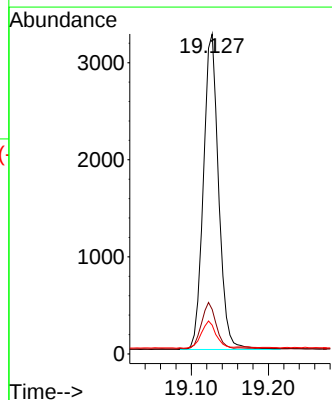
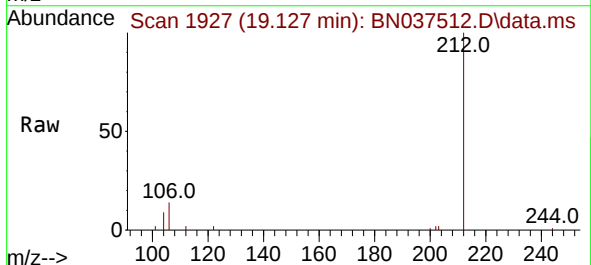
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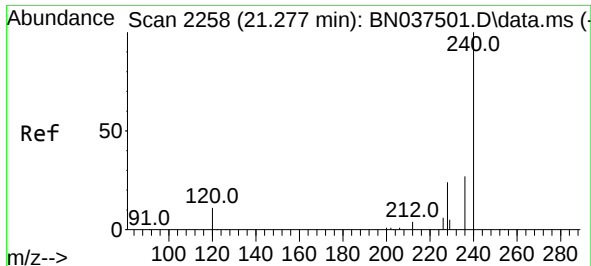
Tgt Ion:188 Resp: 4918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.0 9.0



#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.127 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion:212 Resp: 4467
Ion Ratio Lower Upper
212 100
106 14.2 12.2 18.4
104 8.3 6.7 10.1

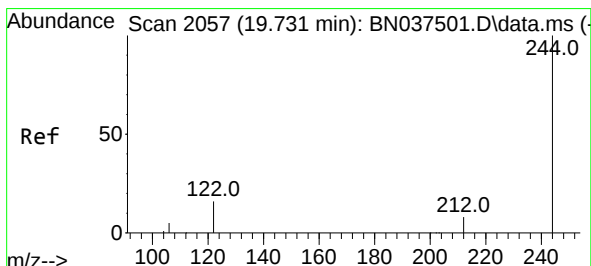
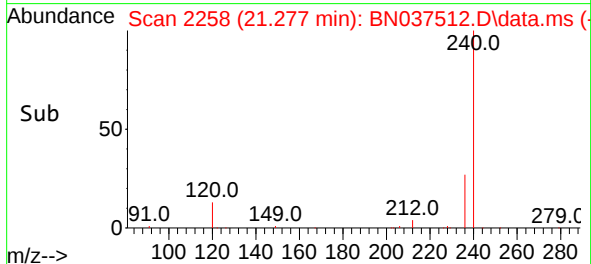
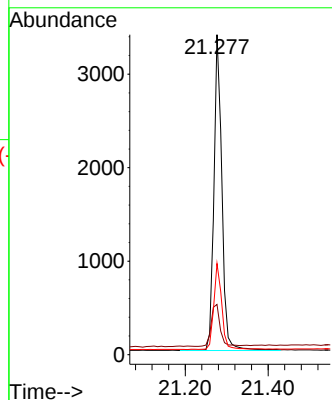
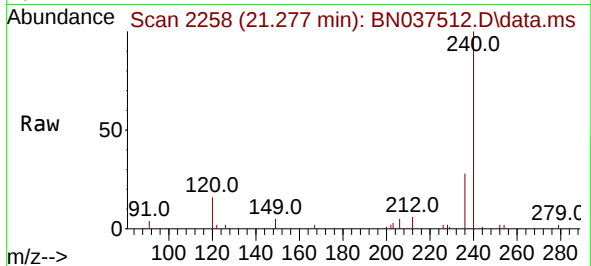




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

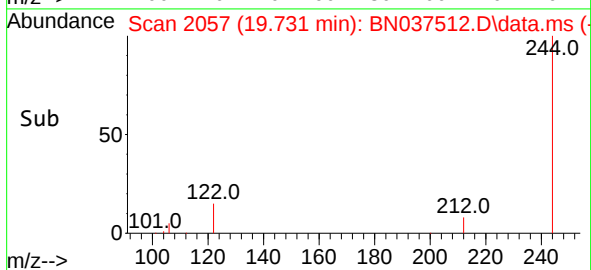
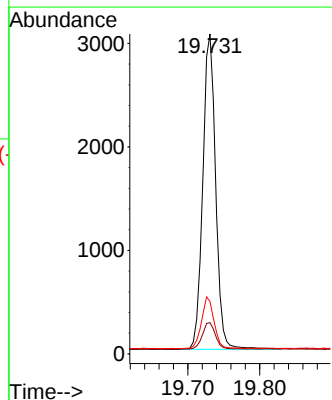
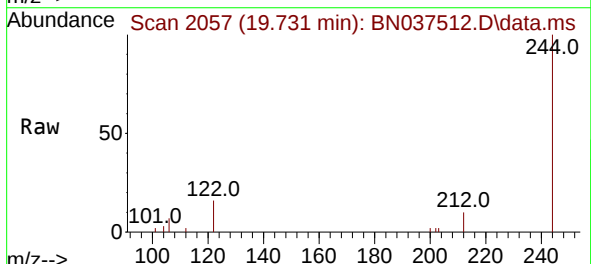
Instrument :
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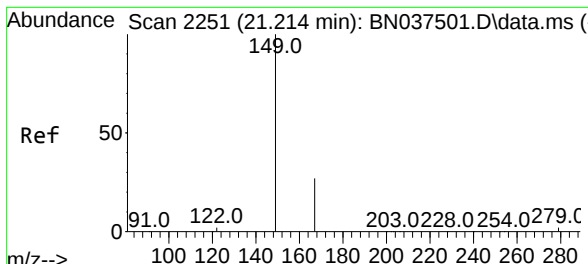
Tgt Ion:240 Resp: 4511
Ion Ratio Lower Upper
240 100
120 15.7 10.7 16.1
236 28.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.731 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN037512.D
Acq: 16 Jul 2025 11:04

Tgt Ion:244 Resp: 3792
Ion Ratio Lower Upper
244 100
212 9.8 7.4 11.2
122 16.4 13.6 20.4

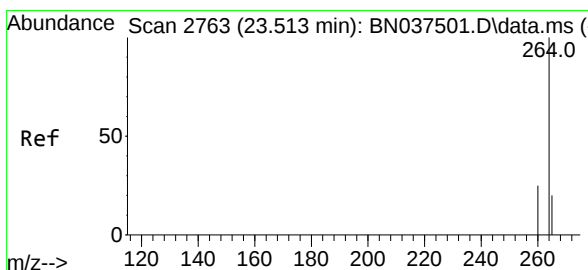
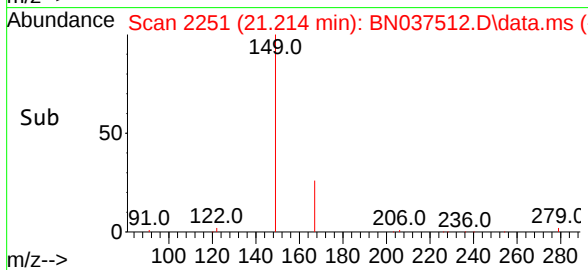
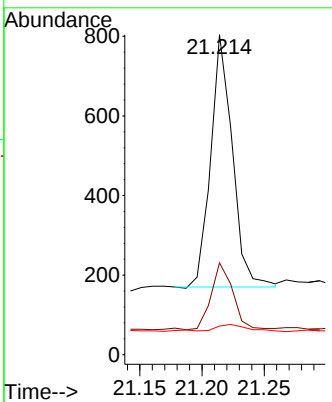
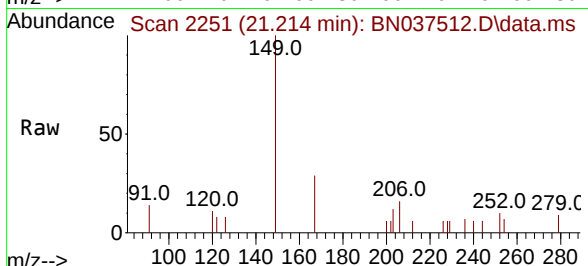




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037512.D
 Acq: 16 Jul 2025 11:04

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-Test-20250709

Tgt Ion:	149	Resp:	769
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.8	32.8
279	4.8	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: BN037512.D
 Acq: 16 Jul 2025 11:04

Tgt Ion:	264	Resp:	4307
Ion Ratio	Lower	Upper	
264	100		
260	26.0	21.2	31.8
265	50.6	40.4	60.6

