

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037515.D
 Acq On : 16 Jul 2025 12:53
 Operator : RC/JU
 Sample : Q2604-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250711

Quant Time: Jul 16 13:19:53 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)

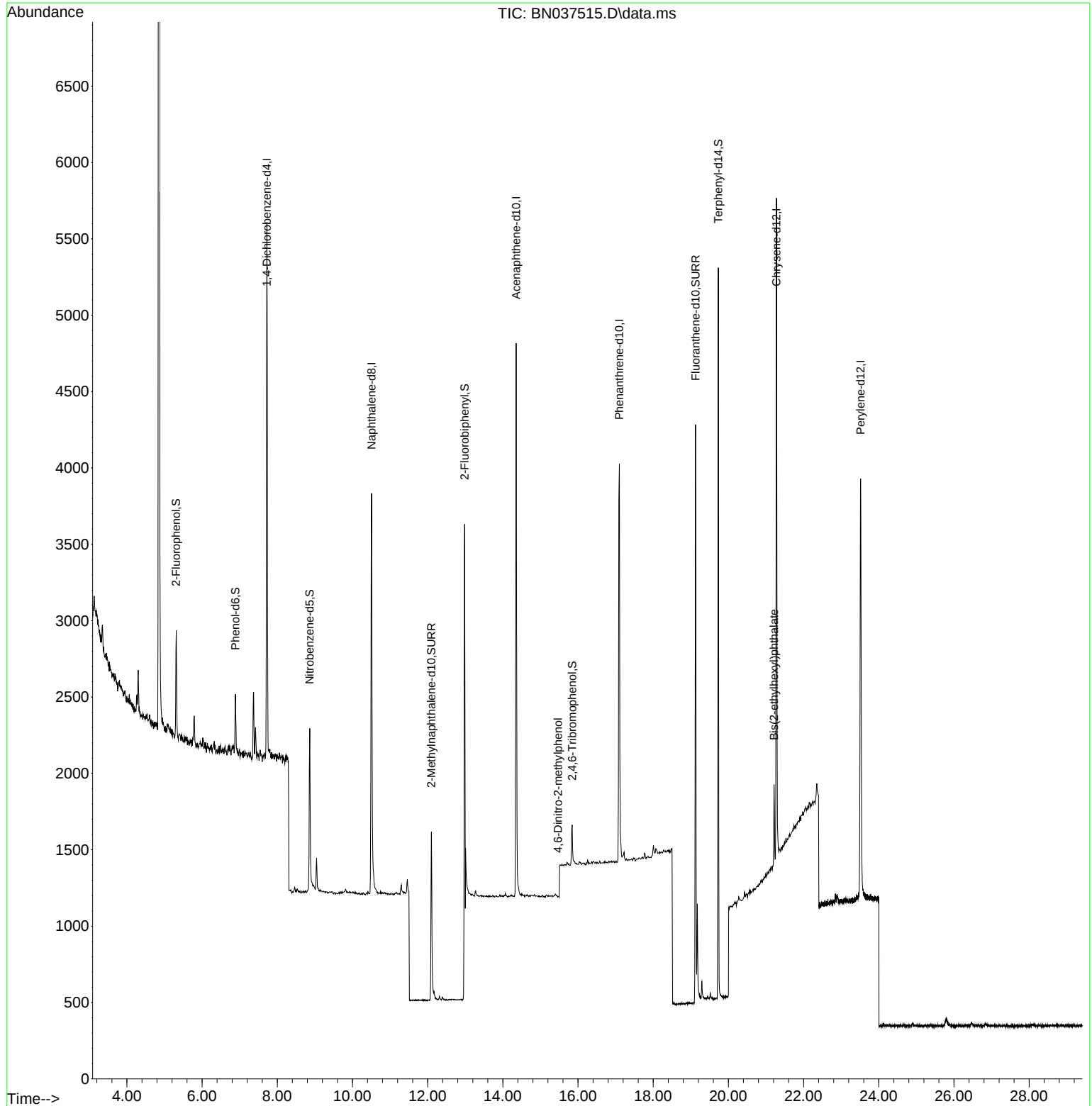
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	1670	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3997	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2071	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4336	0.400	ng	0.00
29) Chrysene-d12	21.277	240	3975	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	3913	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	518	0.125	ng	0.00
5) Phenol-d6	6.887	99	331	0.064	ng	0.00
8) Nitrobenzene-d5	8.865	82	974	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1736	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	191	0.188	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4531	0.421	ng	0.00
27) Fluoranthene-d10	19.127	212	4364	0.380	ng	0.00
31) Terphenyl-d14	19.731	244	4481	0.525	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.095	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.214	149	530	0.085	ng	# 95

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

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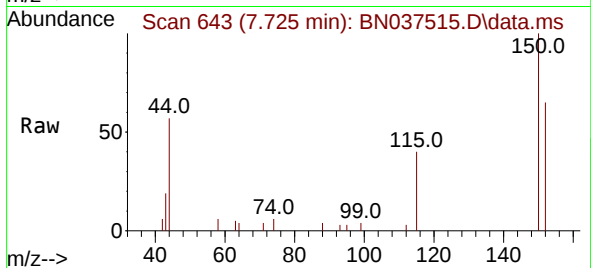
Quant Time: Jul 16 13:19:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
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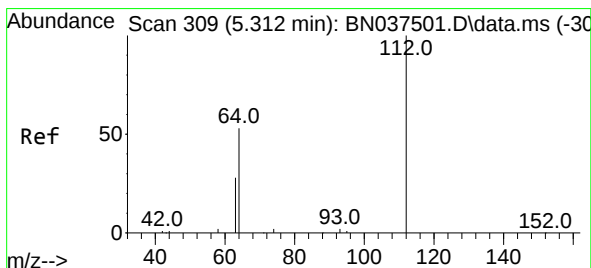
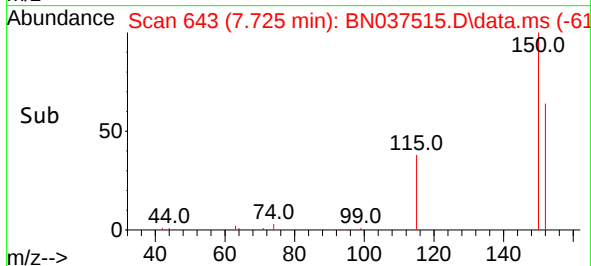
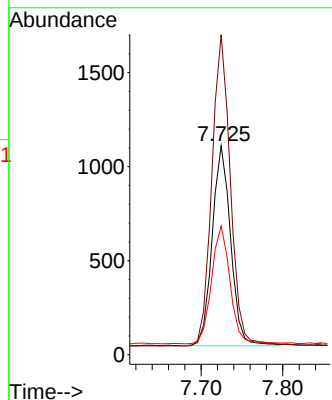
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 643
 Delta R.T. 0.001 min
 Lab File: BN037515.D
 Acq: 16 Jul 2025 12:53

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250711



Tgt Ion:152 Resp: 1670

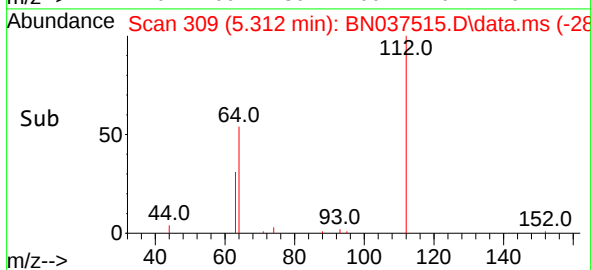
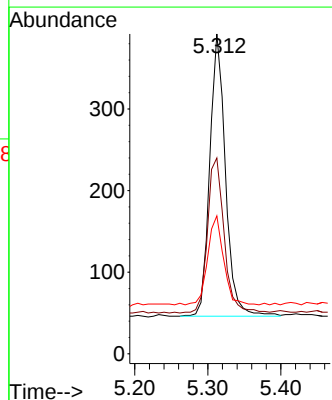
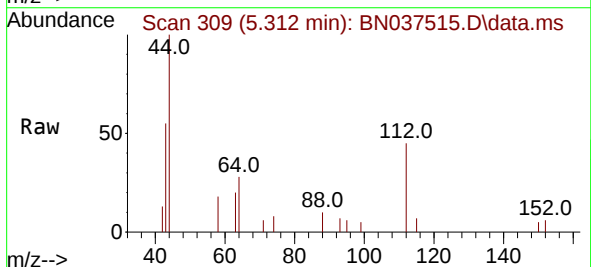
Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.8	179.8
115	61.6	49.1	73.7

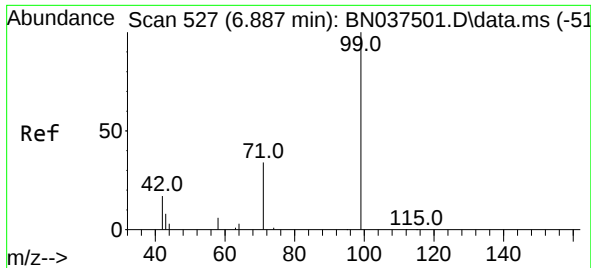


#4
 2-Fluorophenol
 Concen: 0.125 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037515.D
 Acq: 16 Jul 2025 12:53

Tgt Ion:112 Resp: 518

Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.1	67.7
63	31.9	23.8	35.8

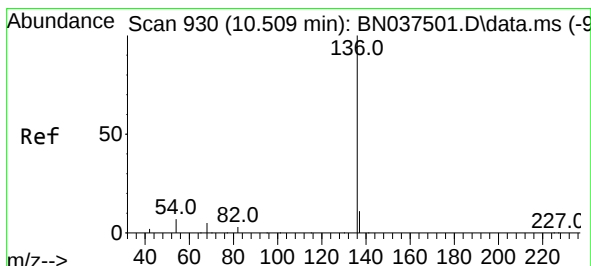
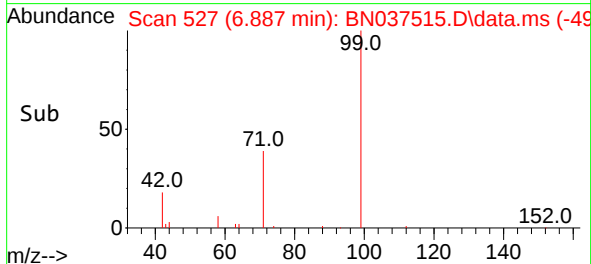
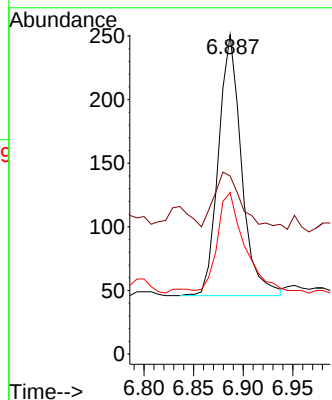
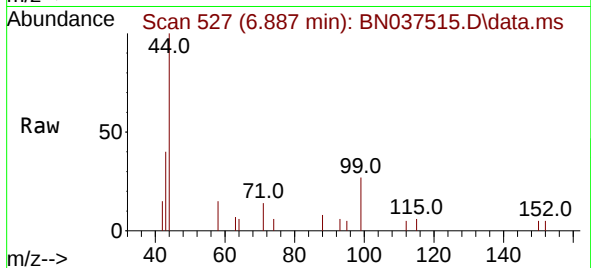




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

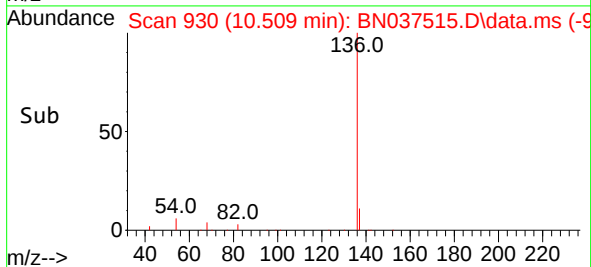
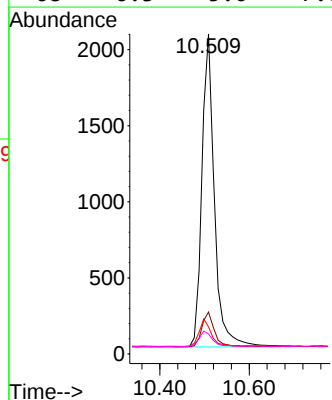
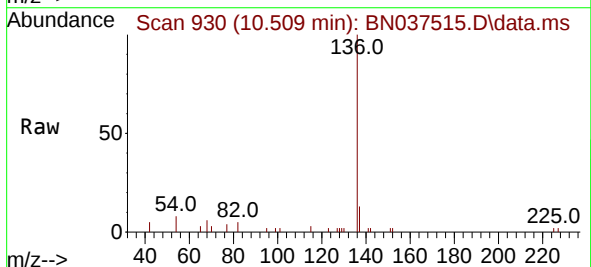
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250711

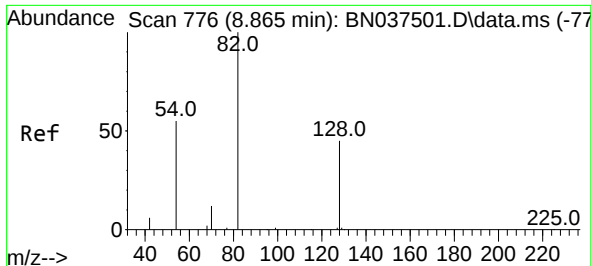
Tgt Ion: 99 Resp: 331
Ion Ratio Lower Upper
99 100
42 25.1 17.1 25.7
71 48.0 27.8 41.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

Tgt Ion: 136 Resp: 3997
Ion Ratio Lower Upper
136 100
137 13.1 9.8 14.8
54 8.5 6.6 9.8
68 6.3 5.0 7.6

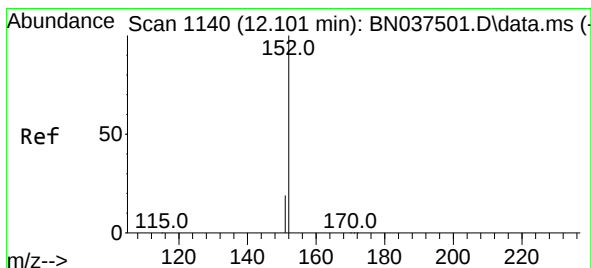
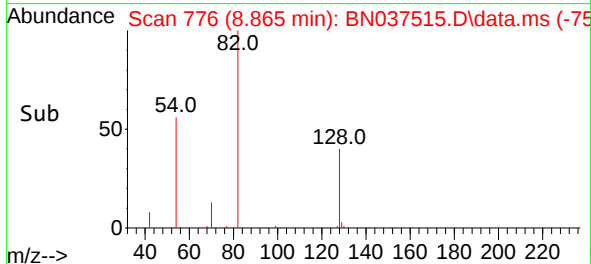
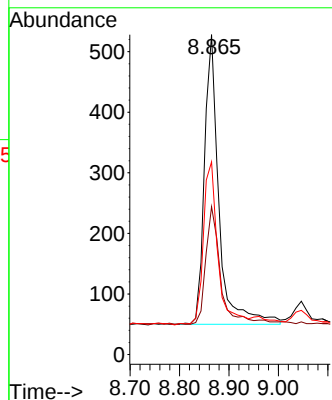
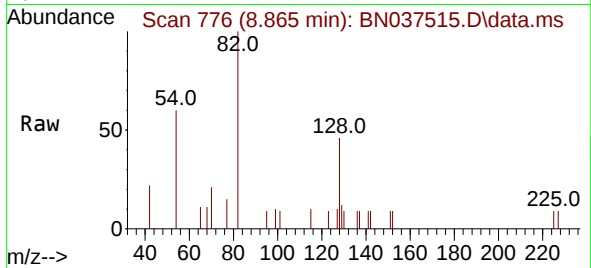




#8
 Nitrobenzene-d5
 Concen: 0.326 ng
 RT: 8.865 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: BN037515.D
 Acq: 16 Jul 2025 12:53

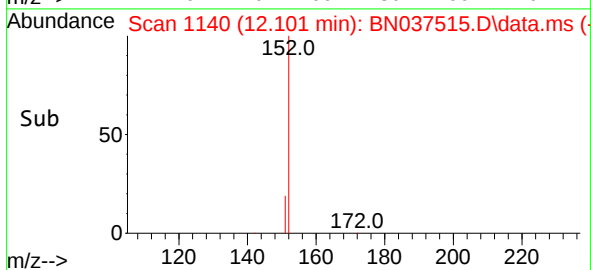
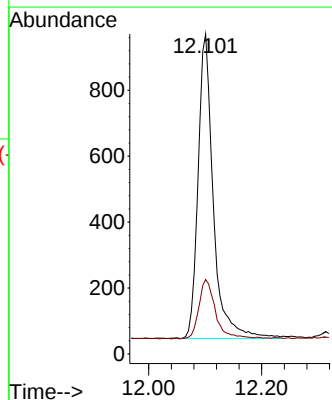
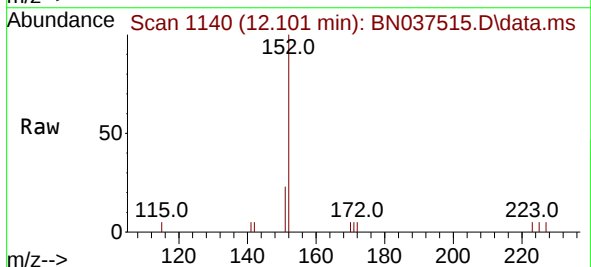
Instrument :
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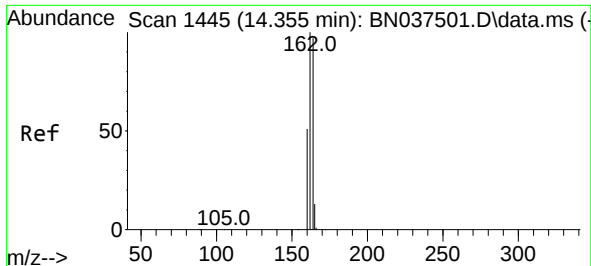
Tgt Ion:	82	Resp:	974
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.5	56.3
54	60.2	45.3	67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.303 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. 0.000 min
 Lab File: BN037515.D
 Acq: 16 Jul 2025 12:53

Tgt Ion:	152	Resp:	1736
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2

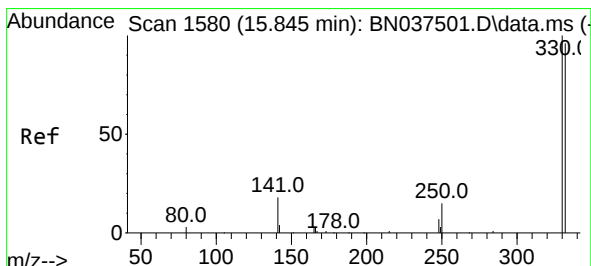
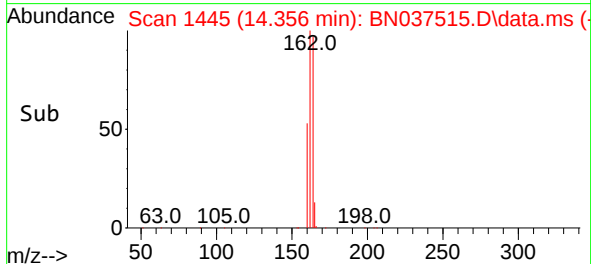
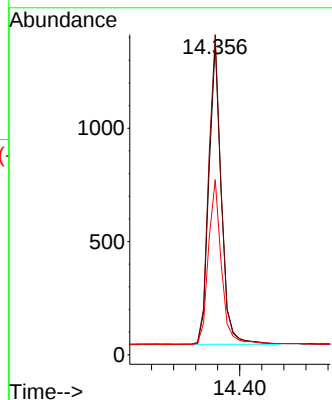
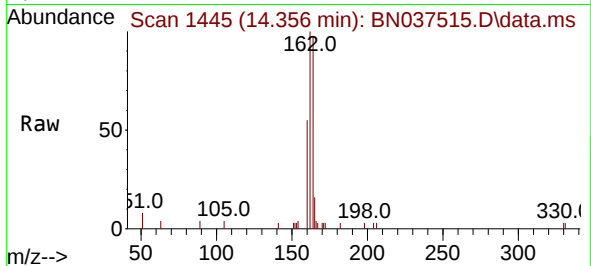




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

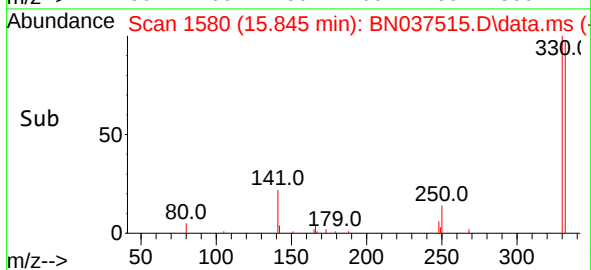
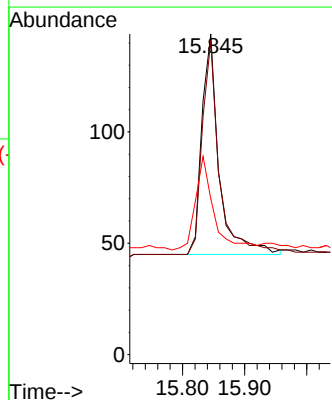
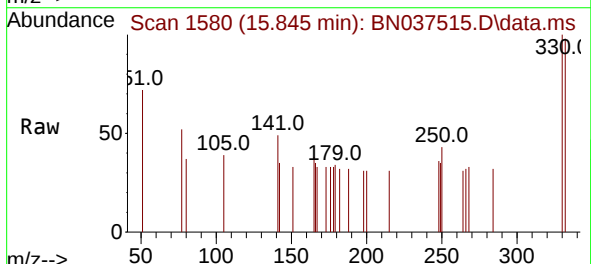
Instrument :
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ClientSampleId :
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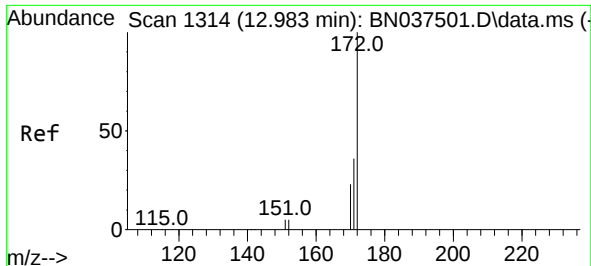
Tgt Ion:	164	Resp:	2071
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.0	123.0
160	56.3	42.4	63.6



#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

Tgt Ion:	330	Resp:	191
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	45.0	33.4	50.0

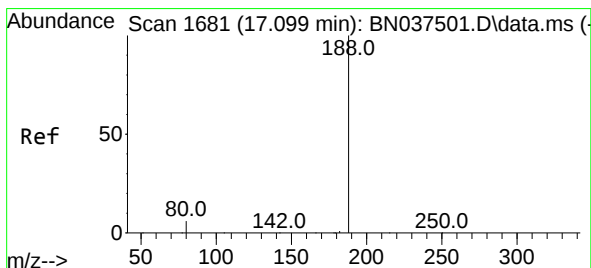
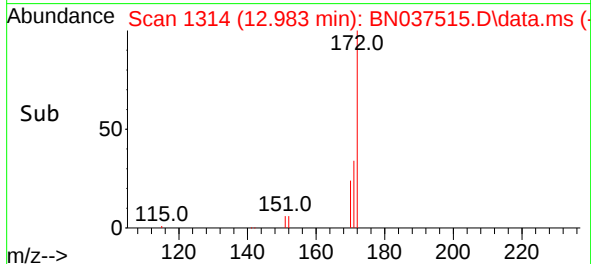
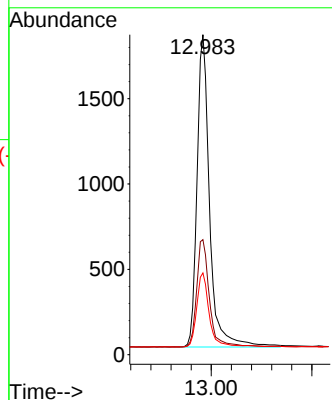
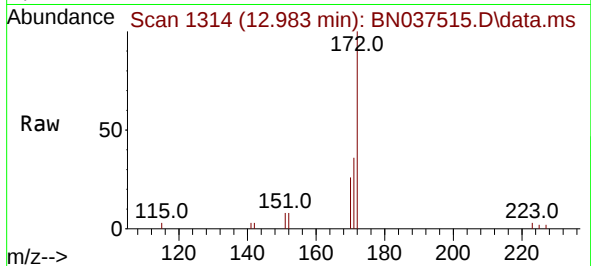




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

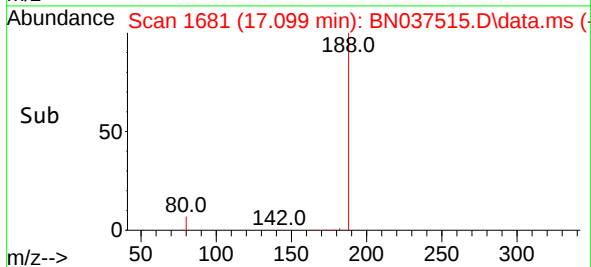
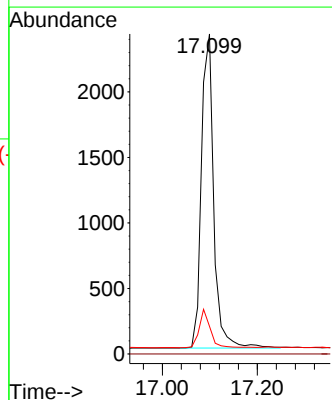
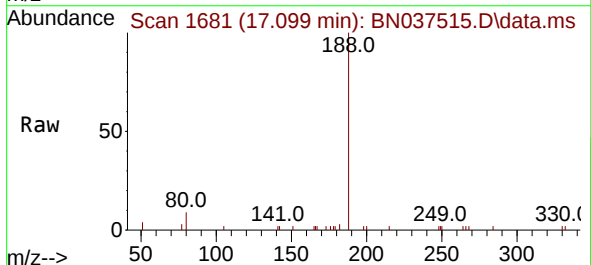
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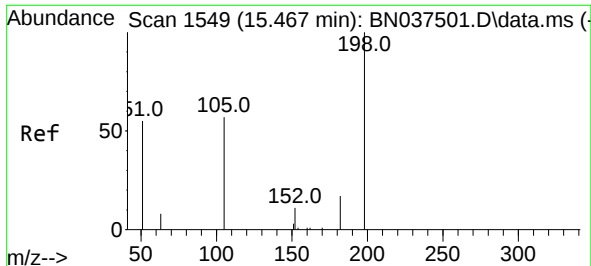
Tgt Ion:	172	Resp:	4531
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.2
170	25.5	19.4	29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

Tgt Ion:	188	Resp:	4336
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	6.0	9.0

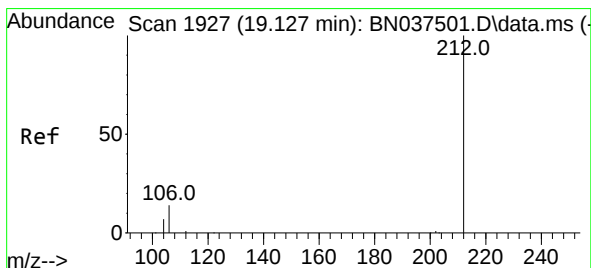
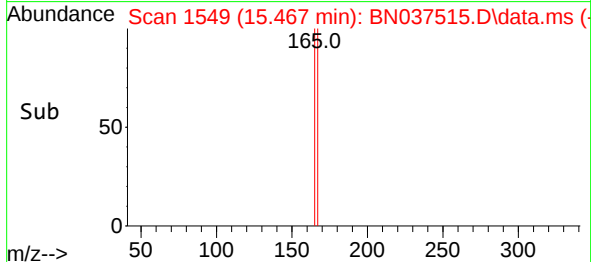
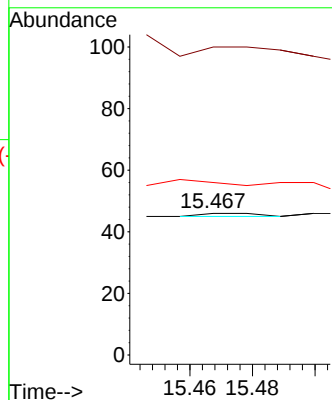
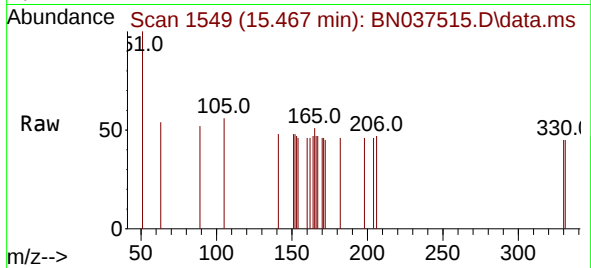




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

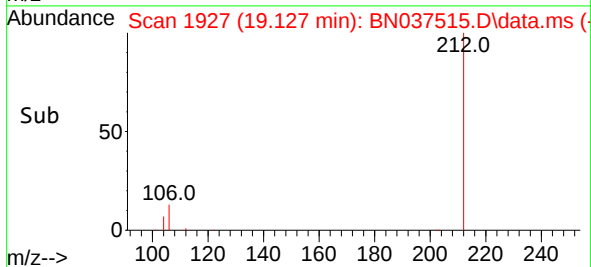
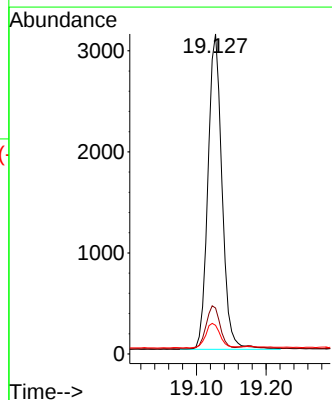
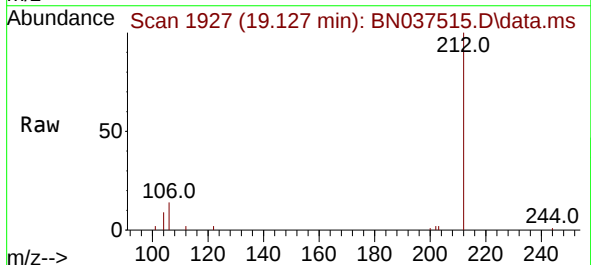
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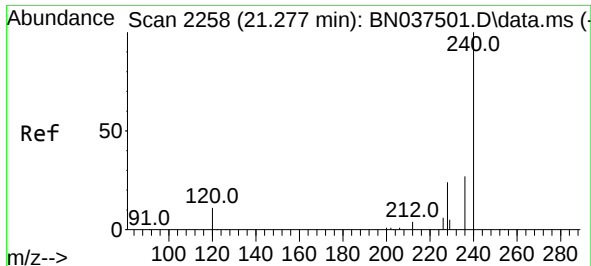
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 217.4 88.5 132.7#
105 121.7 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.127 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

Tgt Ion:212 Resp: 4364
Ion Ratio Lower Upper
212 100
106 13.8 12.2 18.4
104 8.0 6.7 10.1

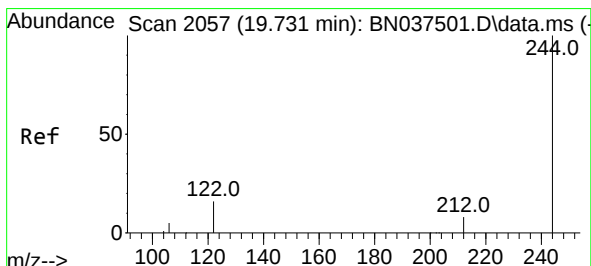
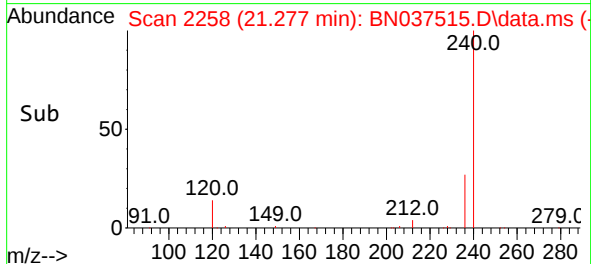
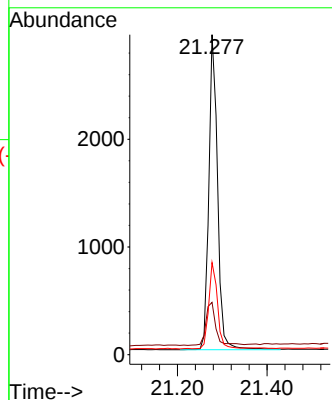
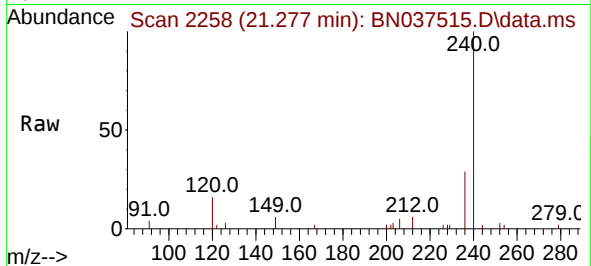




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

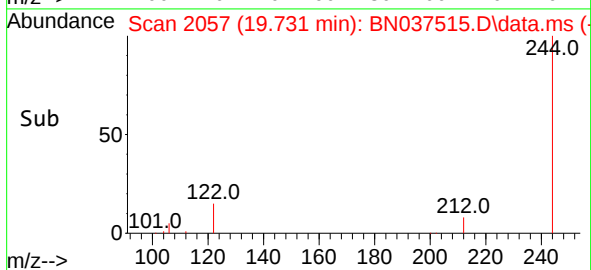
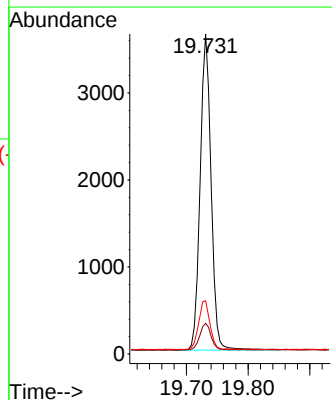
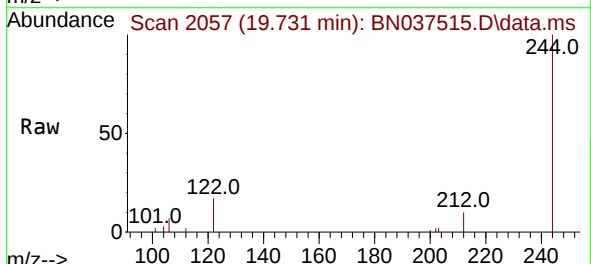
Instrument :
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RW8-SP303-20250711

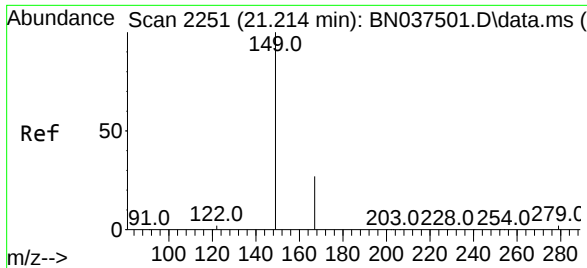
Tgt Ion:240 Resp: 3975
Ion Ratio Lower Upper
240 100
120 16.4 10.7 16.1#
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.731 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN037515.D
Acq: 16 Jul 2025 12:53

Tgt Ion:244 Resp: 4481
Ion Ratio Lower Upper
244 100
212 9.5 7.4 11.2
122 16.6 13.6 20.4

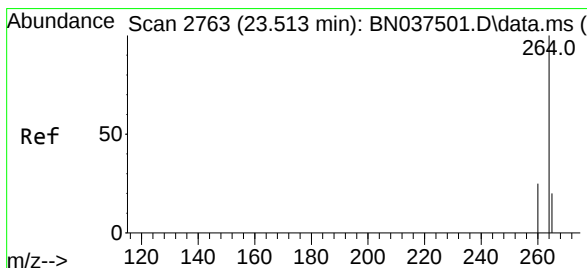
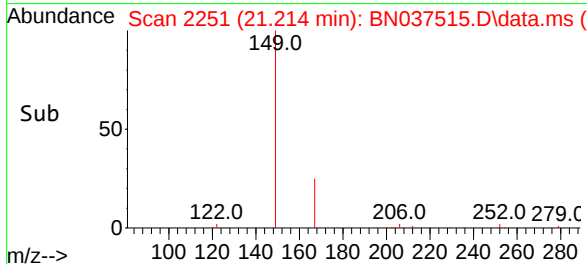
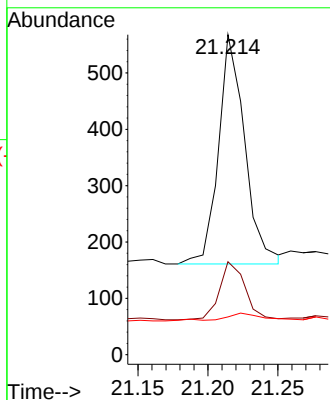
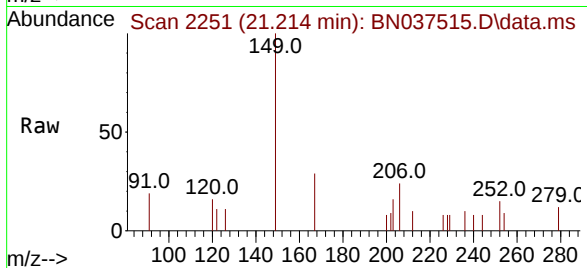




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037515.D
 Acq: 16 Jul 2025 12:53

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250711

Tgt Ion:	149	Resp:	530
Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.8	32.8
279	5.3	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: BN037515.D
 Acq: 16 Jul 2025 12:53

Tgt Ion:	264	Resp:	3913
Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.2	31.8
265	54.3	40.4	60.6

