

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037412.D
 Acq On : 27 Jun 2025 03:05
 Operator : RC/JU
 Sample : Q2374-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

Quant Time: Jun 27 04:38:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

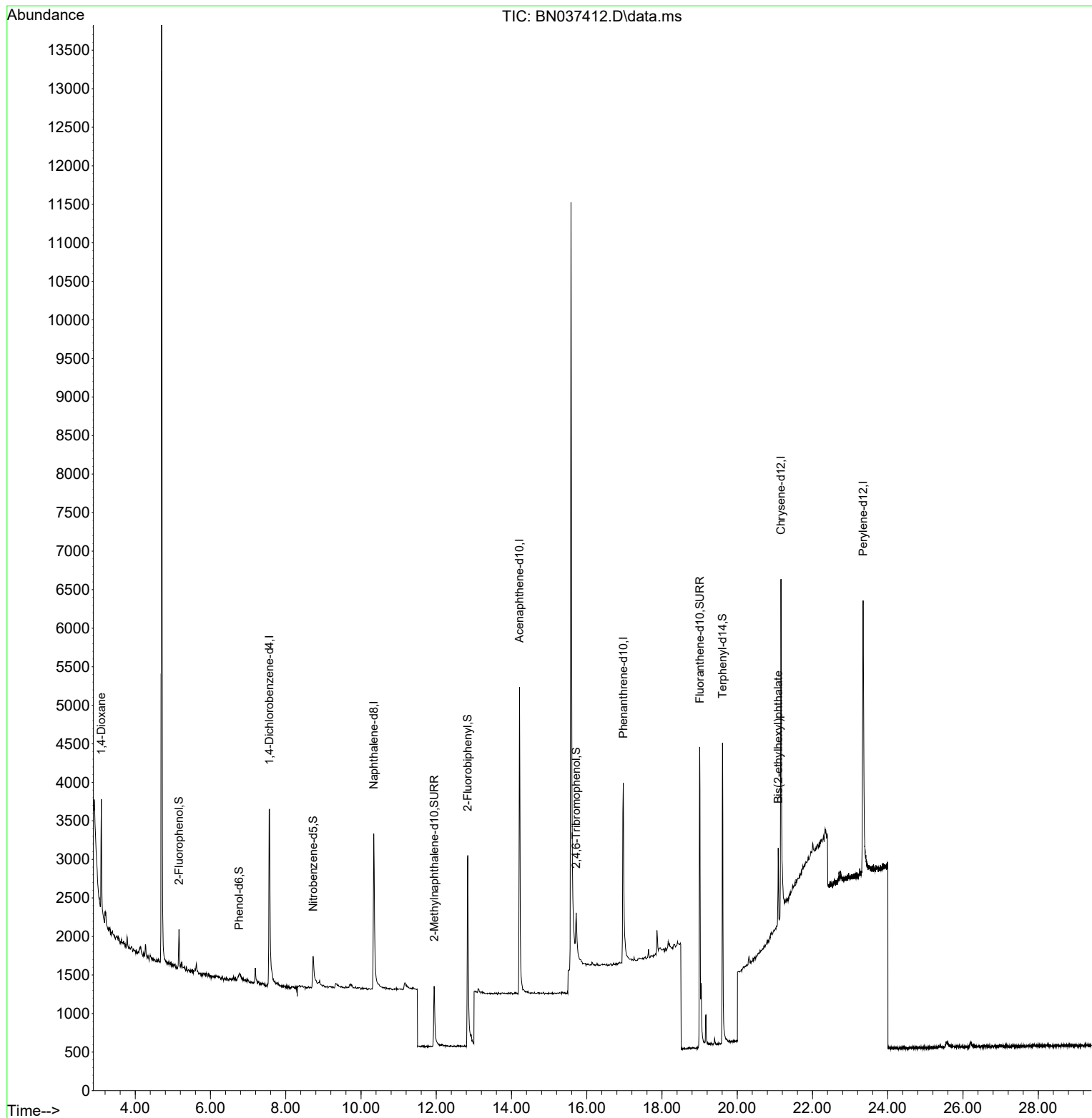
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1700	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3786	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2622	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5275	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5454	0.400	ng	0.00
35) Perylene-d12	23.345	264	5508	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	425	0.130	ng	0.00
5) Phenol-d6	6.759	99	176	0.052	ng	0.01
8) Nitrobenzene-d5	8.728	82	750	0.247	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	1628	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	473	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	3087	0.273	ng	0.00
27) Fluoranthene-d10	19.003	212	6109	0.404	ng	0.00
31) Terphenyl-d14	19.607	244	4977	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	990	0.614	ng	95
34) Bis(2-ethylhexyl)phtha...	21.090	149	922	0.136	ng	96

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

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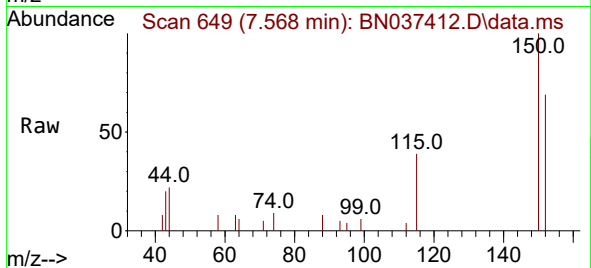
Quant Time: Jun 27 04:38:09 2025
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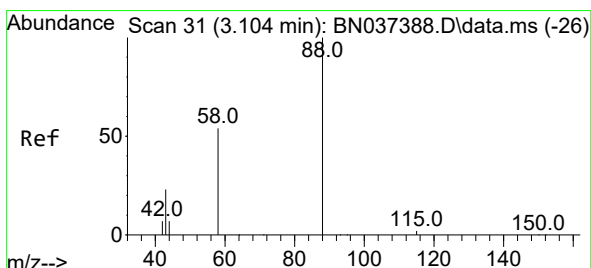
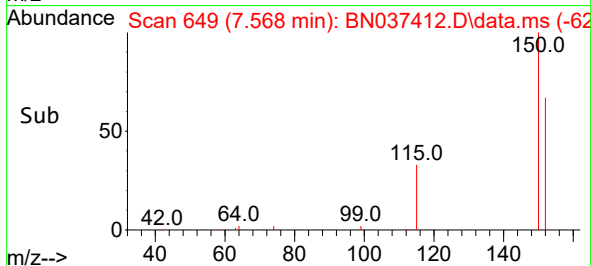
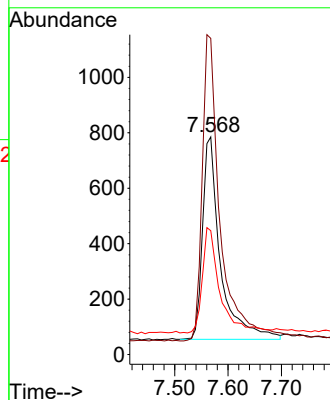


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

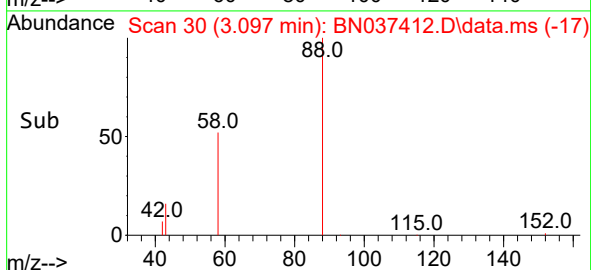
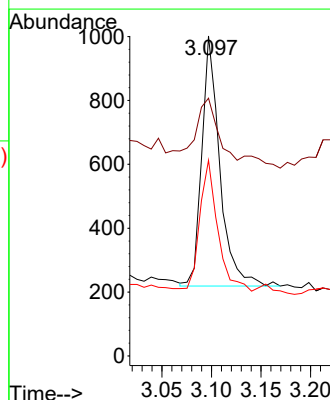
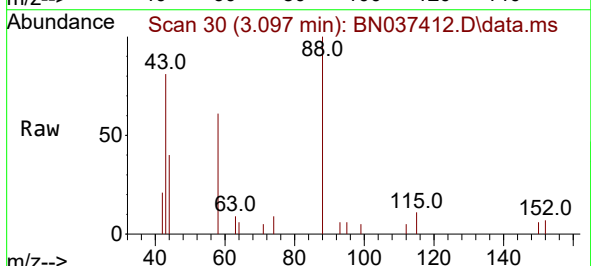


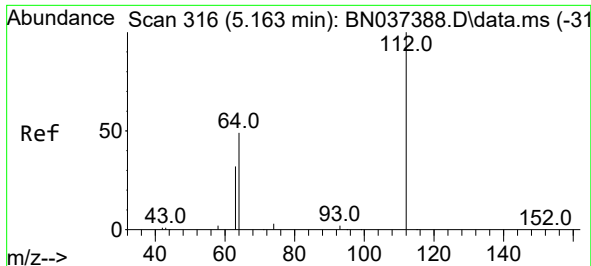
Tgt Ion:152 Resp: 1700
 Ion Ratio Lower Upper
 152 100
 150 145.4 116.2 174.2
 115 56.9 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.614 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Tgt Ion: 88 Resp: 990
 Ion Ratio Lower Upper
 88 100
 43 27.8 21.6 32.4
 58 52.5 45.9 68.9

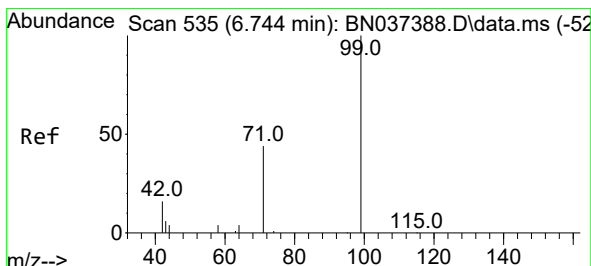
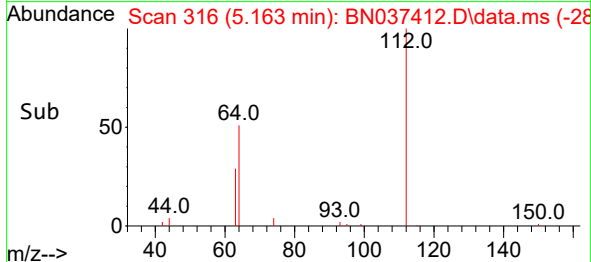
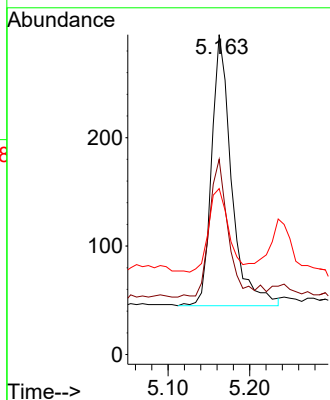
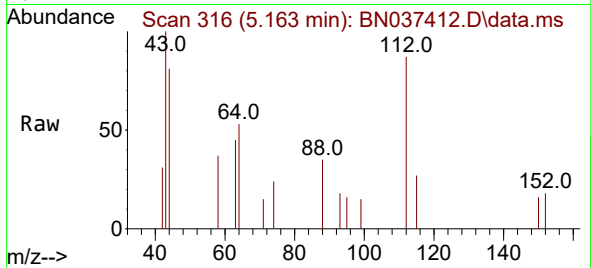




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

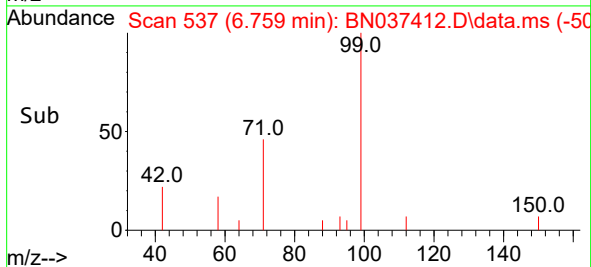
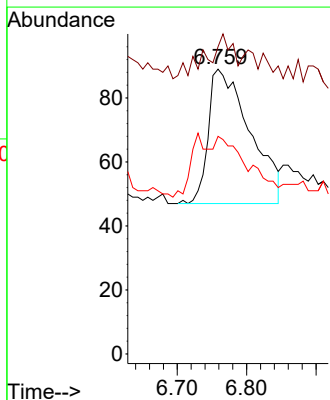
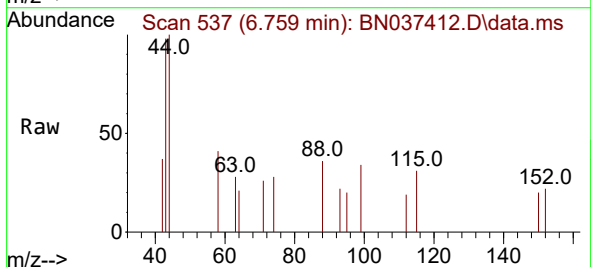
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250619

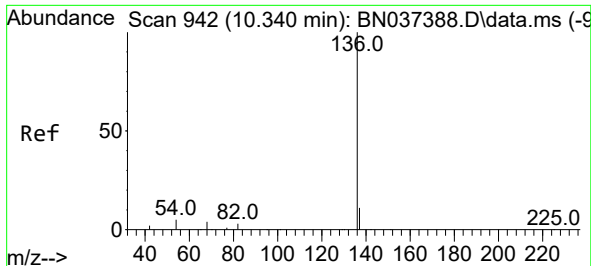
Tgt Ion:112 Resp: 425
Ion Ratio Lower Upper
112 100
64 47.8 40.3 60.5
63 32.2 26.1 39.1



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion: 99 Resp: 176
Ion Ratio Lower Upper
99 100
42 21.0 15.6 23.4
71 0.0 35.8 53.8#

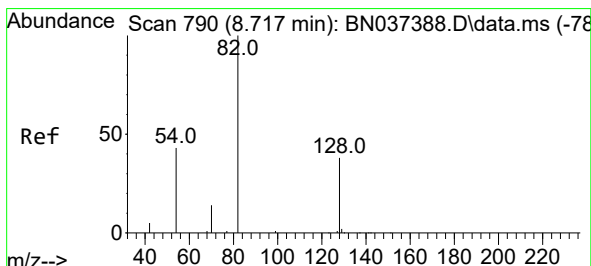
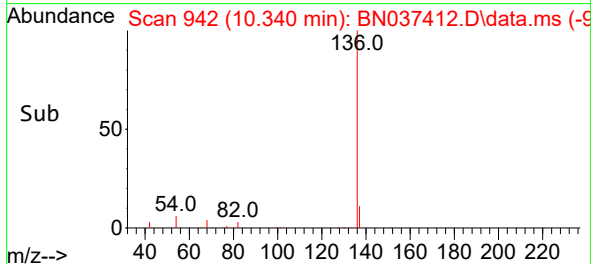
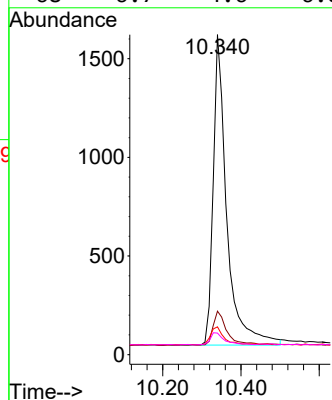
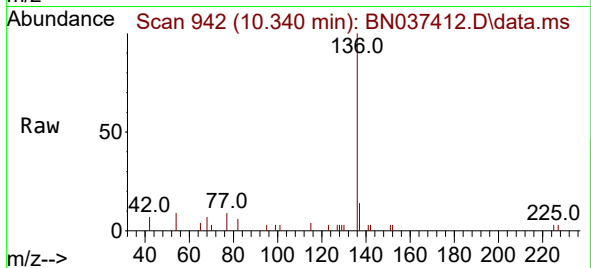




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

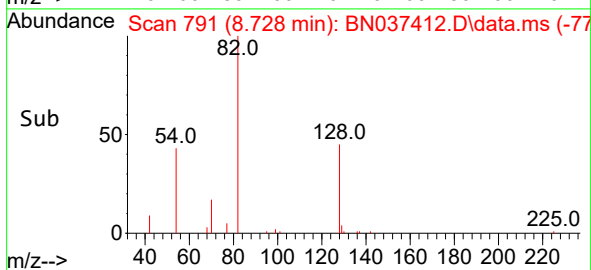
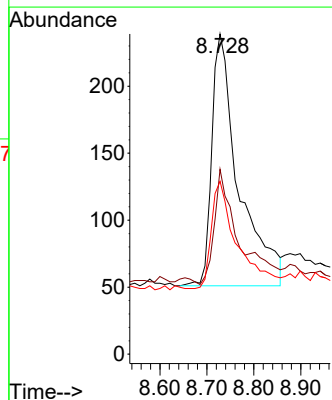
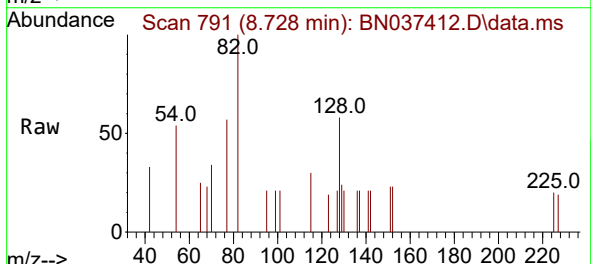
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250619

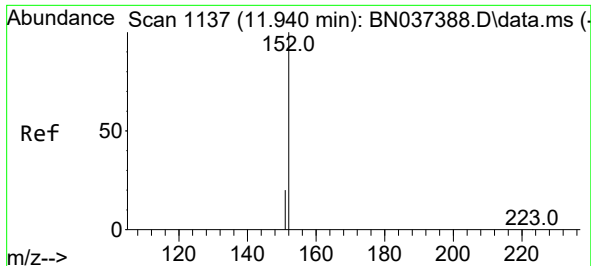
Tgt Ion:	136	Resp:	3786
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.4	15.6
54	8.7	5.6	8.4#
68	6.7	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:	82	Resp:	750
Ion	Ratio	Lower	Upper
82	100		
128	57.7	34.0	51.0#
54	54.0	37.7	56.5

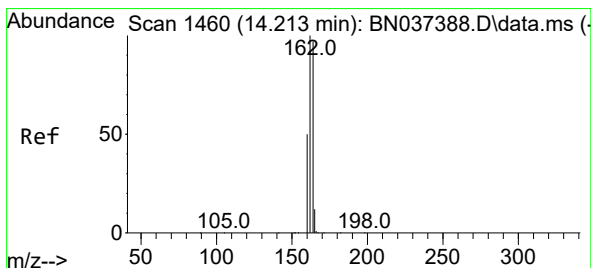
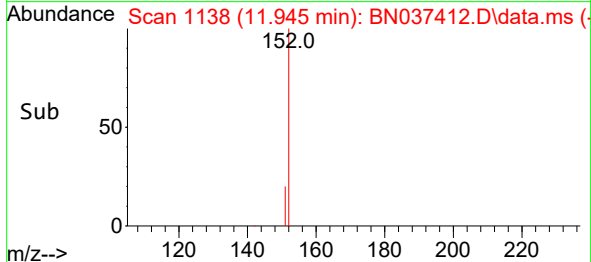
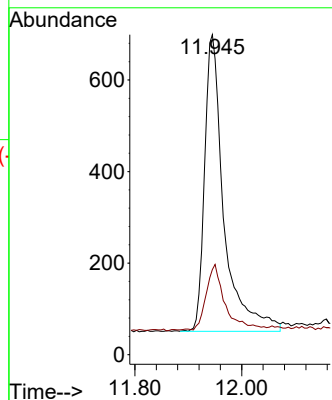
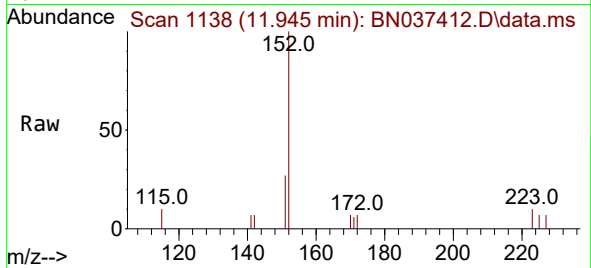




#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.945 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

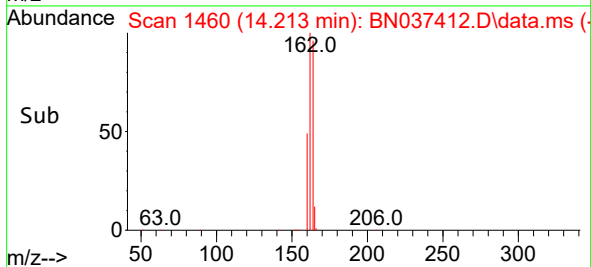
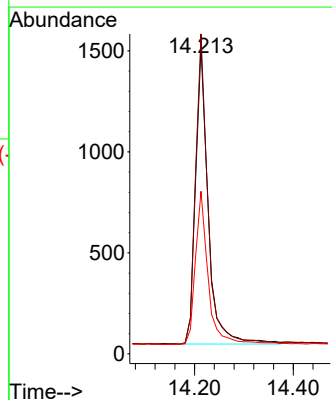
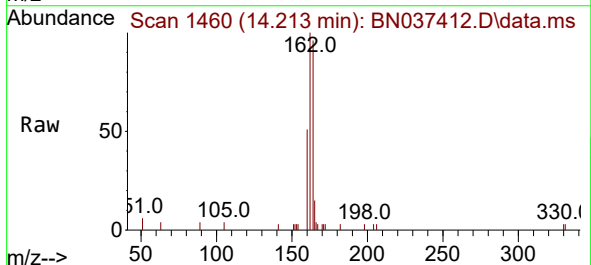
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RW7-SP303-20250619

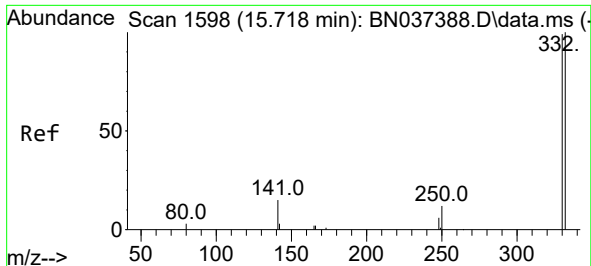
Tgt Ion:152 Resp: 1628
Ion Ratio Lower Upper
152 100
151 20.9 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:164 Resp: 2622
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 52.9 42.2 63.2

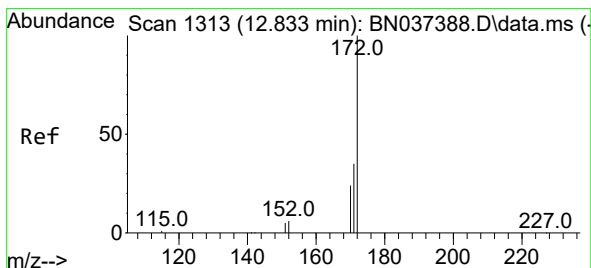
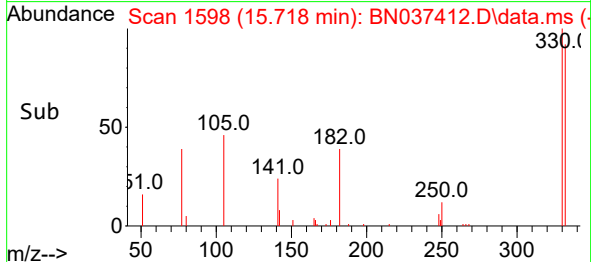
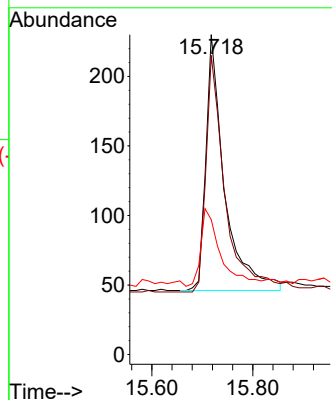
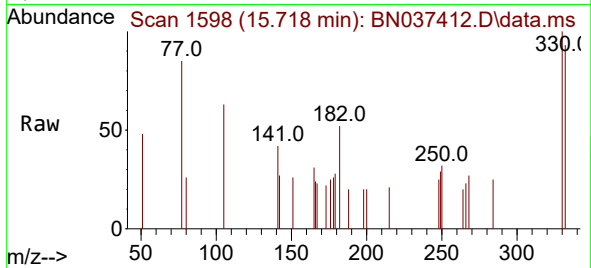




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.718 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

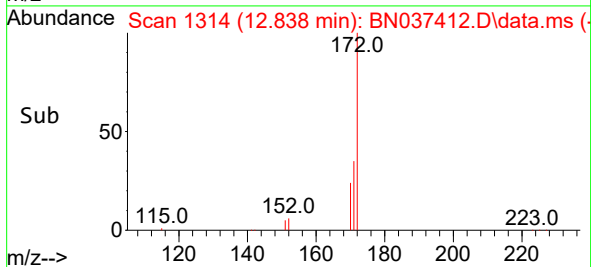
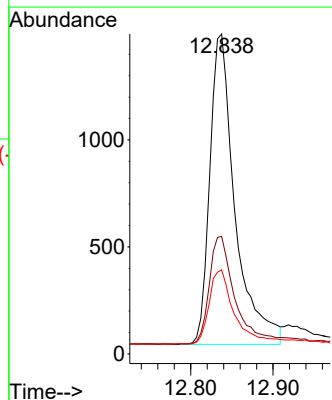
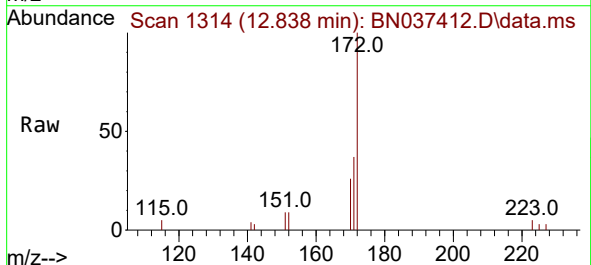
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ClientSampleId :
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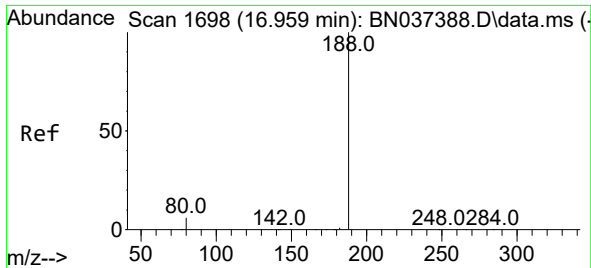
Tgt Ion:330 Resp: 473
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.8
141 32.6 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.838 min Scan# 1314
Delta R.T. 0.005 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:172 Resp: 3087
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 26.3 20.3 30.5

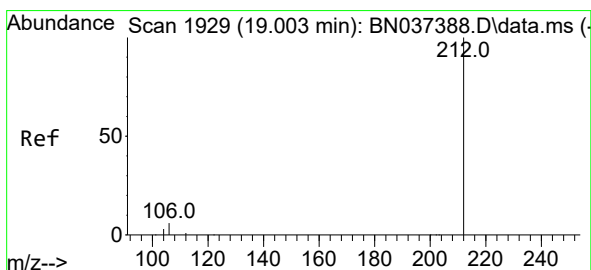
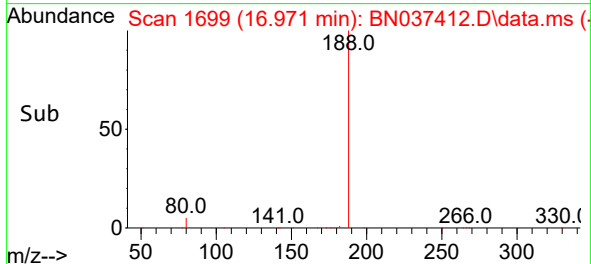
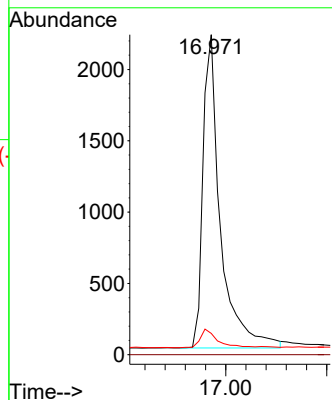
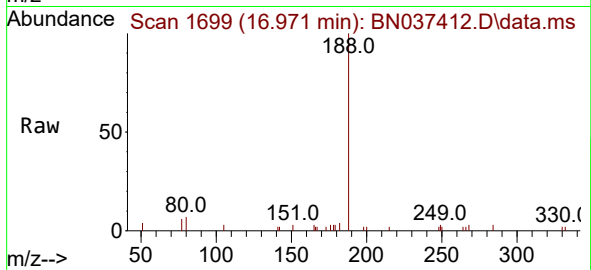




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

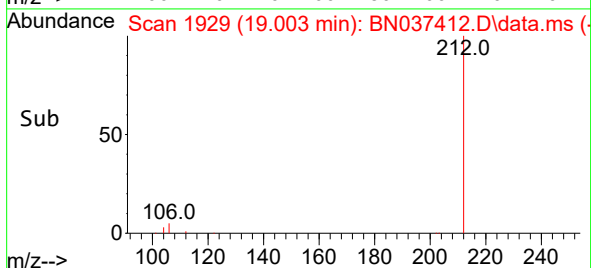
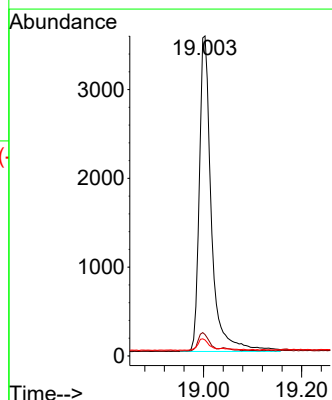
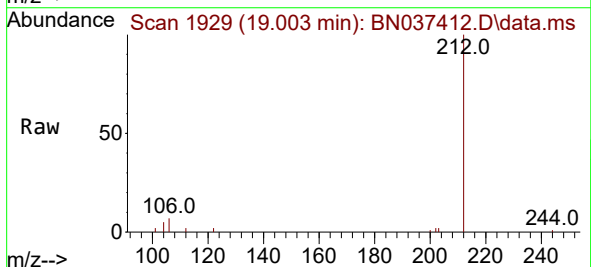
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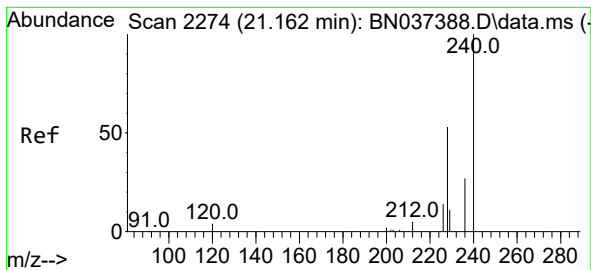
Tgt Ion:188 Resp: 5275
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:212 Resp: 6109
Ion Ratio Lower Upper
212 100
106 5.4 4.5 6.7
104 3.5 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250619

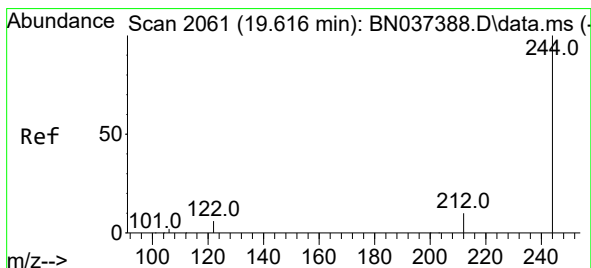
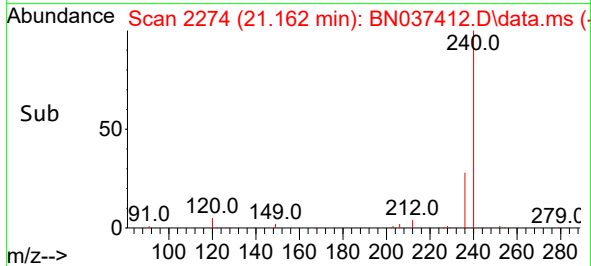
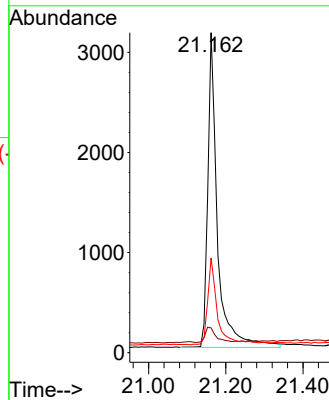
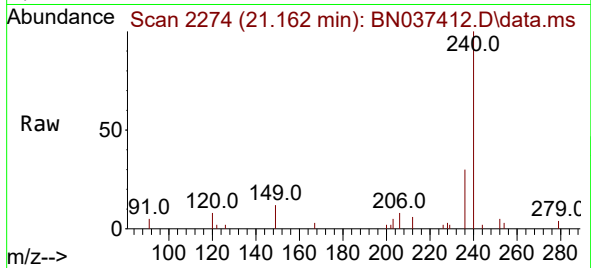
Tgt Ion:240 Resp: 5454

Ion Ratio Lower Upper

240 100

120 7.7 5.3 7.9

236 29.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.428 ng

RT: 19.607 min Scan# 2059

Delta R.T. -0.009 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

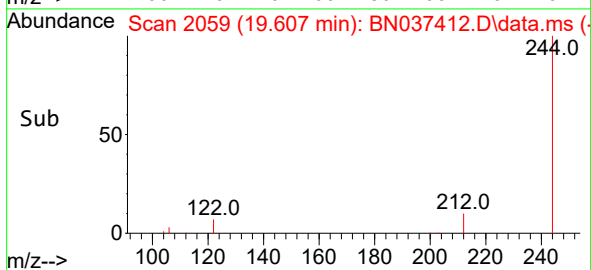
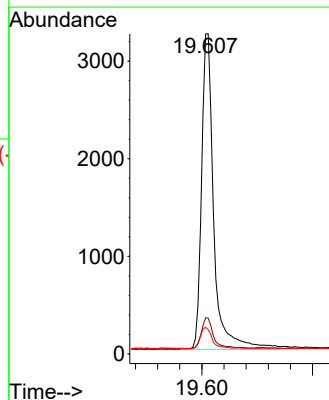
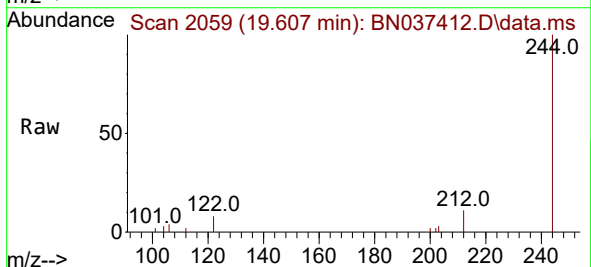
Tgt Ion:244 Resp: 4977

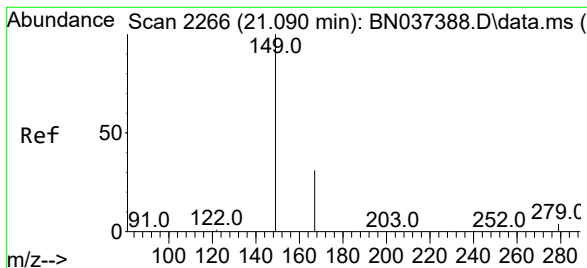
Ion Ratio Lower Upper

244 100

212 11.3 9.1 13.7

122 8.3 6.3 9.5

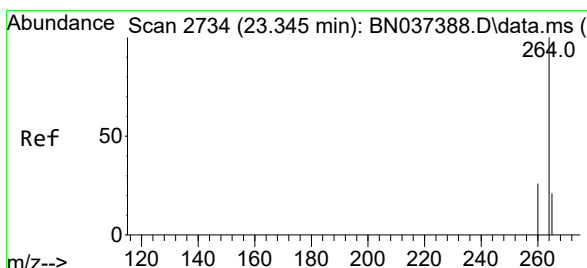
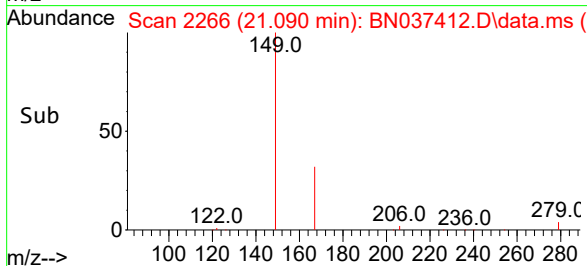
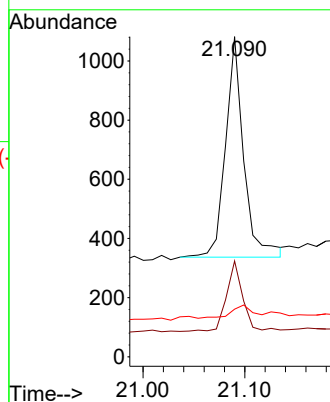
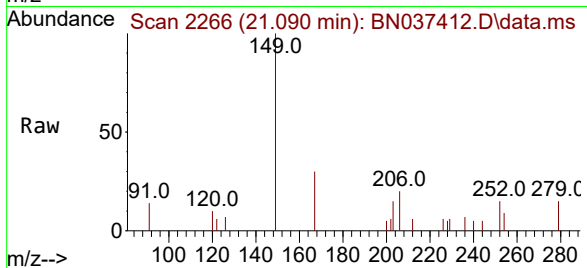




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250619

Tgt Ion:149 Resp: 922
Ion Ratio Lower Upper
149 100
167 28.9 24.8 37.2
279 7.2 5.0 7.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.345 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:264 Resp: 5508
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.0
265 88.7 56.2 84.4#

