

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037045.D
 Acq On : 19 May 2025 15:03
 Operator : RC/JU
 Sample : Q2064-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

Quant Time: May 19 15:44:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

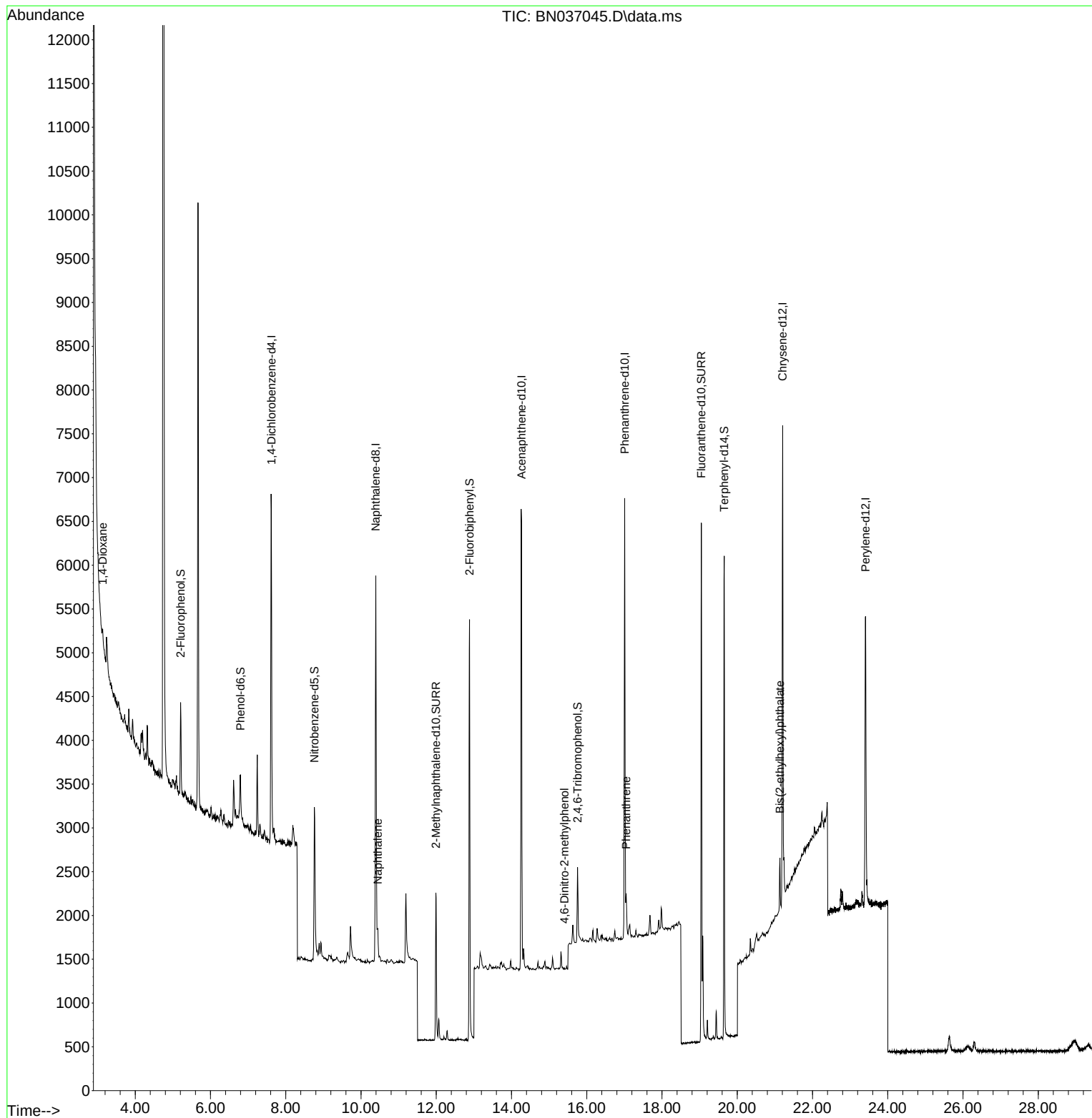
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2089	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5673	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3262	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6500	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5189	0.400	ng	# 0.00
35) Perylene-d12	23.410	264	4615	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	736	0.134	ng	0.00
5) Phenol-d6	6.795	99	522	0.076	ng	0.00
8) Nitrobenzene-d5	8.760	82	1767	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2447	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	465	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	5046	0.338	ng	0.00
27) Fluoranthene-d10	19.045	212	6621	0.371	ng	0.00
31) Terphenyl-d14	19.653	244	5225	0.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.133	88	101	0.039	ng	# 49
9) Naphthalene	10.447	128	413	0.025	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.028	ng	# 1
25) Phenanthrene	17.046	178	432	0.020	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.135	149	594	0.049	ng	# 99

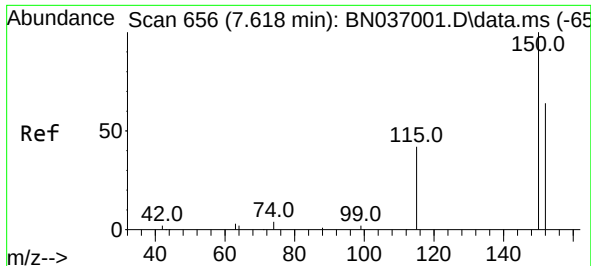
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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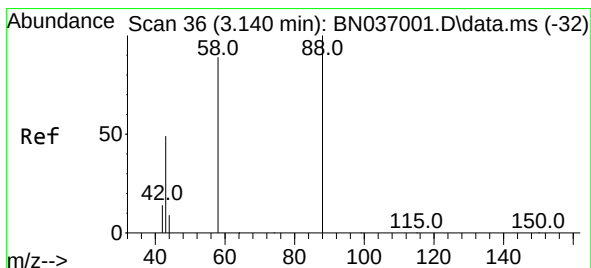
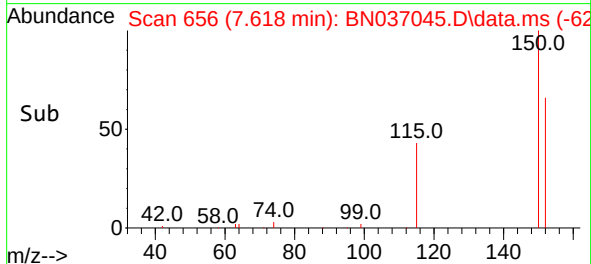
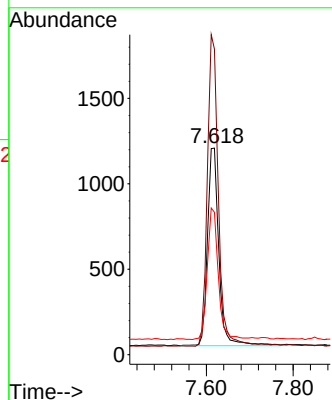
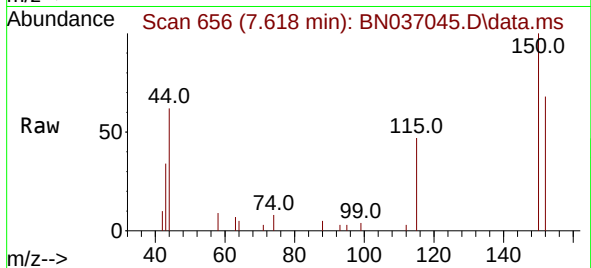




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

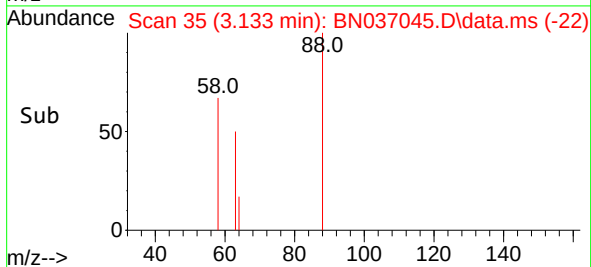
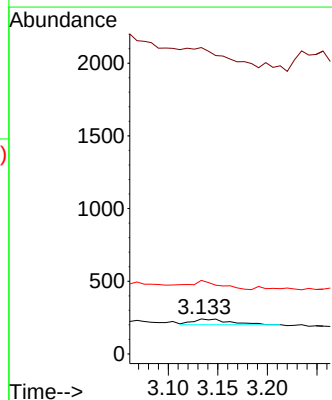
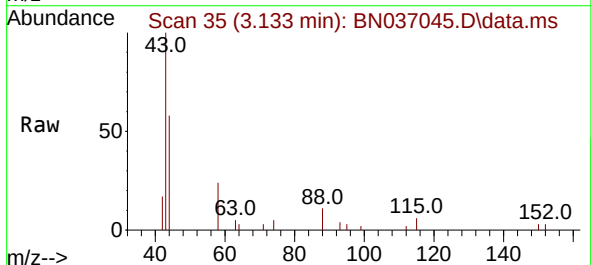
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

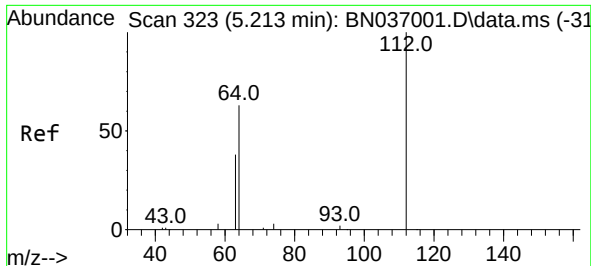
Tgt Ion:152 Resp: 2089
 Ion Ratio Lower Upper
 152 100
 150 148.0 123.9 185.9
 115 69.0 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

Tgt Ion: 88 Resp: 101
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.0#
 58 122.8 68.8 103.2#





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

Instrument :

BNA_N

ClientSampleId :

RW8-SP201-90-20250514

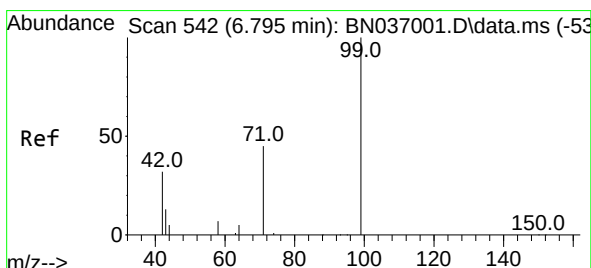
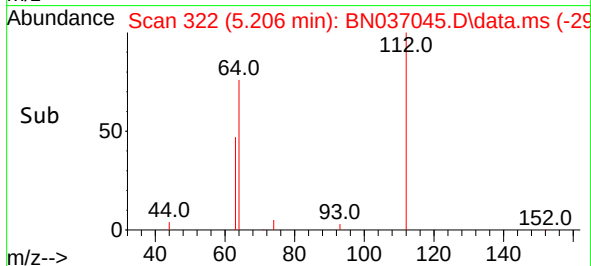
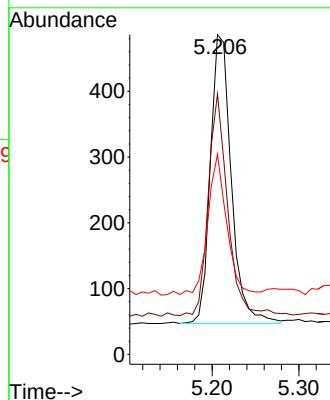
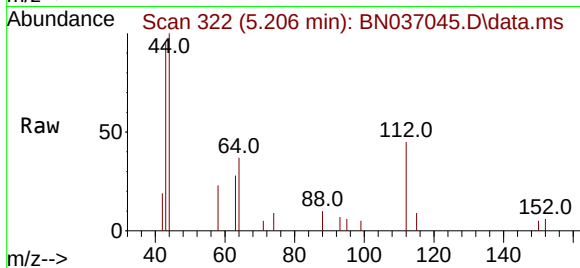
Tgt Ion:112 Resp: 736

Ion Ratio Lower Upper

112 100

64 70.9 55.7 83.5

63 43.8 34.6 51.8



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.795 min Scan# 542

Delta R.T. 0.000 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

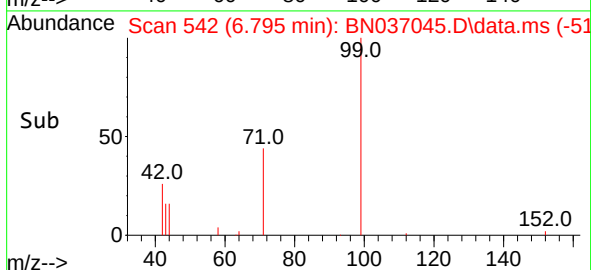
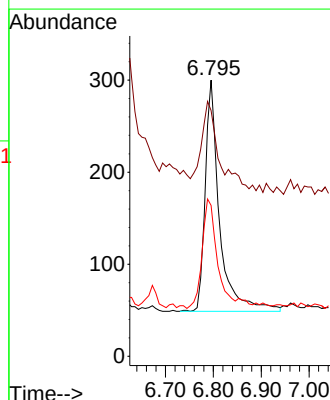
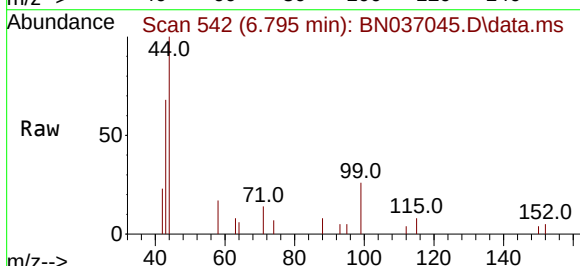
Tgt Ion: 99 Resp: 522

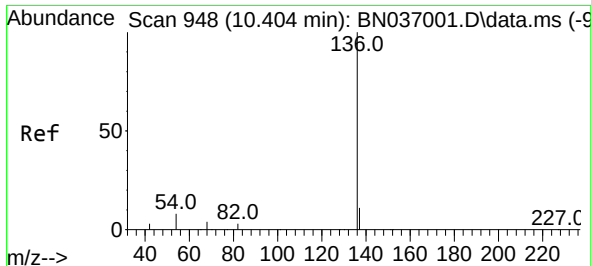
Ion Ratio Lower Upper

99 100

42 45.2 29.3 43.9#

71 49.4 35.7 53.5

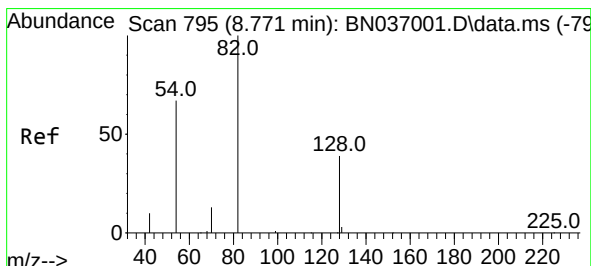
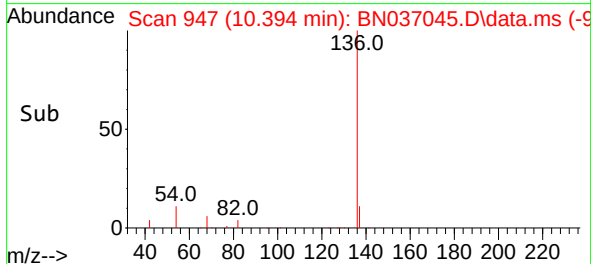
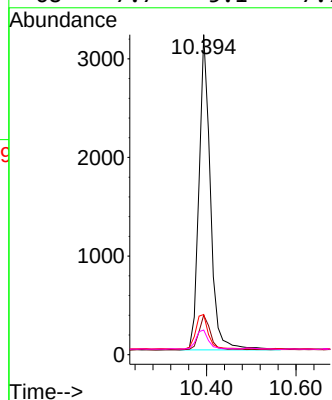
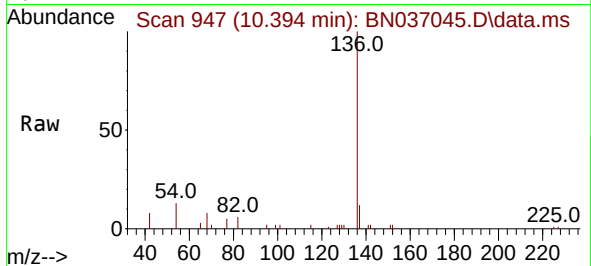




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

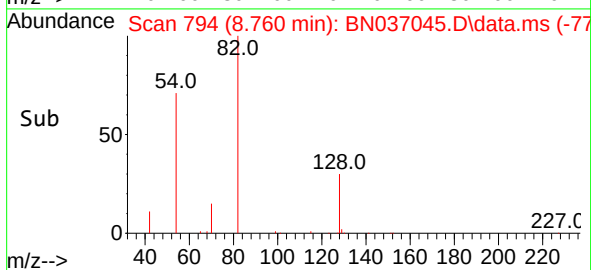
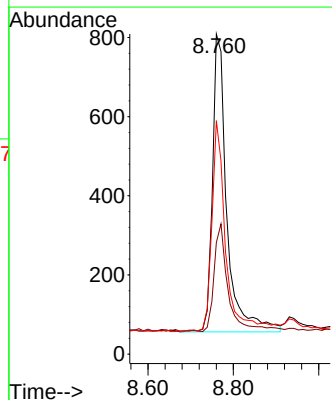
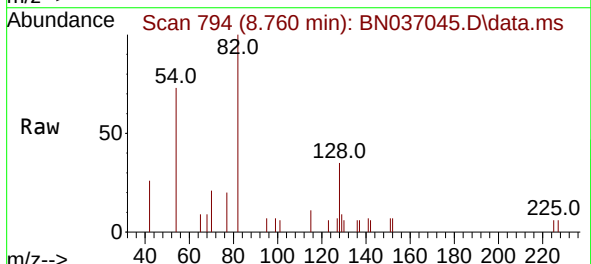
Instrument :
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RW8-SP201-90-20250514

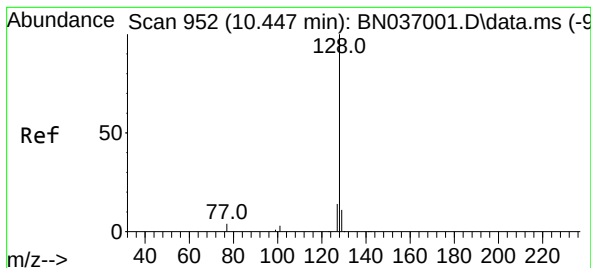
Tgt Ion:	136	Resp:	5673
Ion Ratio	Lower	Upper	
136	100		
137	12.4	10.4	15.6
54	12.6	8.5	12.7
68	7.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:	82	Resp:	1767
Ion Ratio	Lower	Upper	
82	100		
128	34.9	34.0	51.0
54	72.9	55.0	82.4





#9

Naphthalene

Concen: 0.025 ng

RT: 10.447 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

Instrument :

BNA_N

ClientSampleId :

RW8-SP201-90-20250514

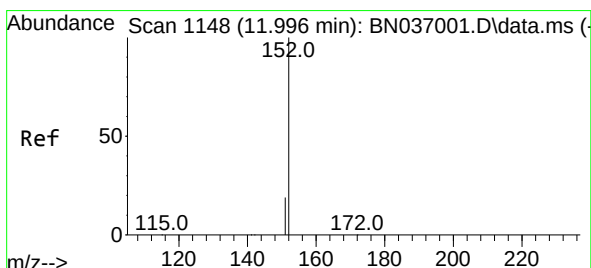
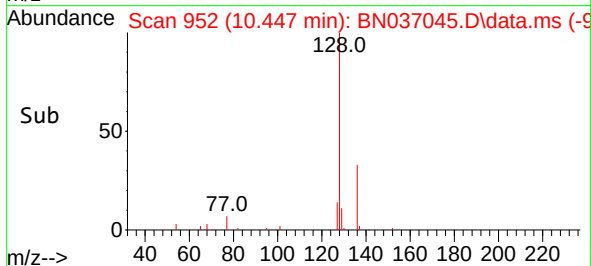
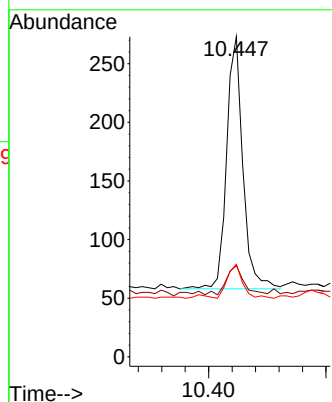
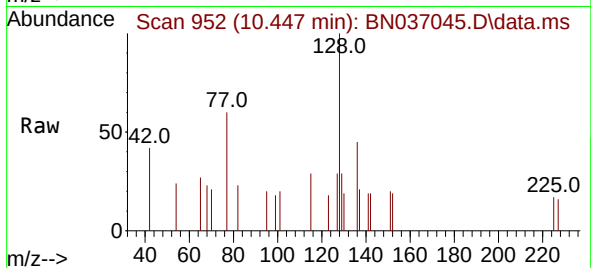
Tgt Ion:128 Resp: 413

Ion Ratio Lower Upper

128 100

129 28.6 9.7 14.5#

127 28.9 12.4 18.6#



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.991 min Scan# 1147

Delta R.T. -0.005 min

Lab File: BN037045.D

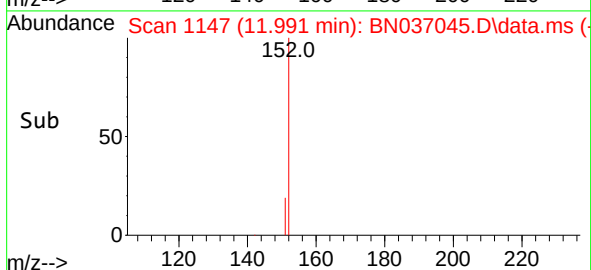
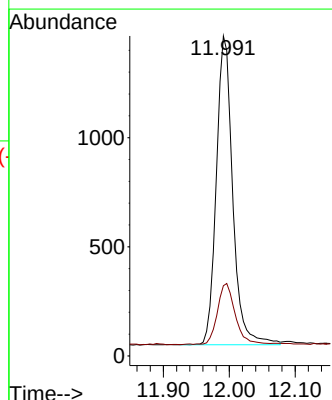
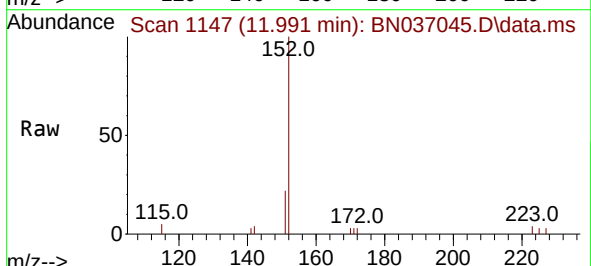
Acq: 19 May 2025 15:03

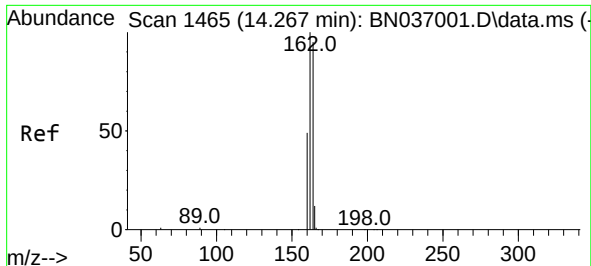
Tgt Ion:152 Resp: 2447

Ion Ratio Lower Upper

152 100

151 21.3 17.5 26.3

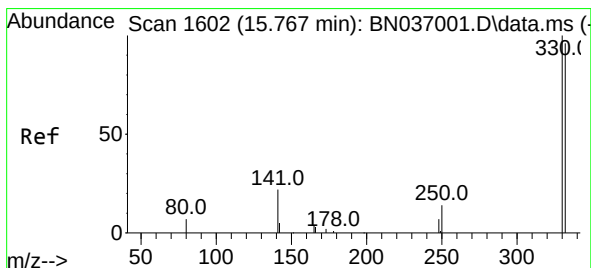
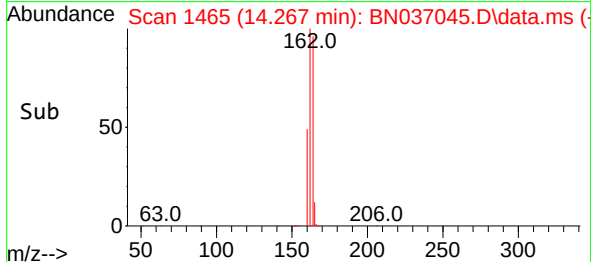
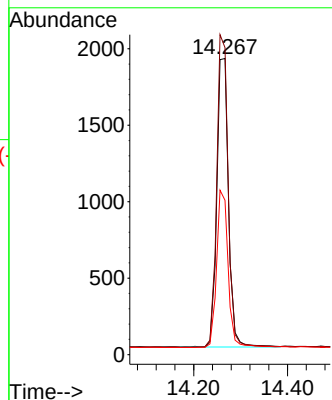
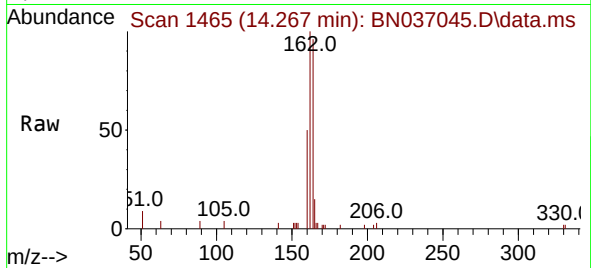




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

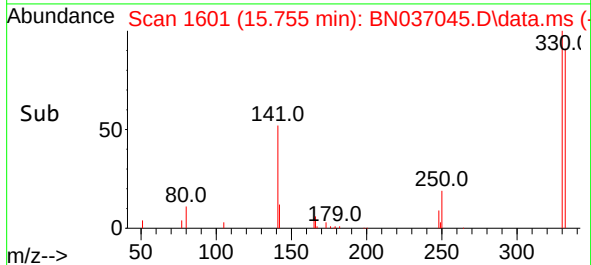
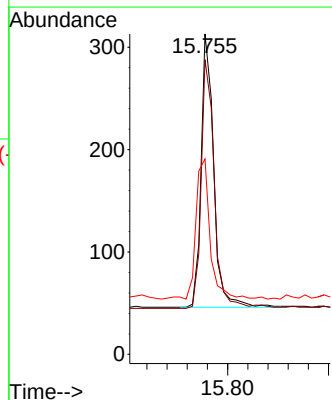
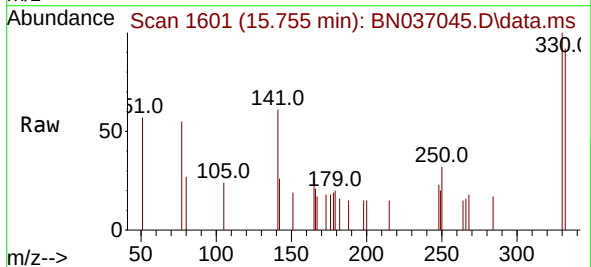
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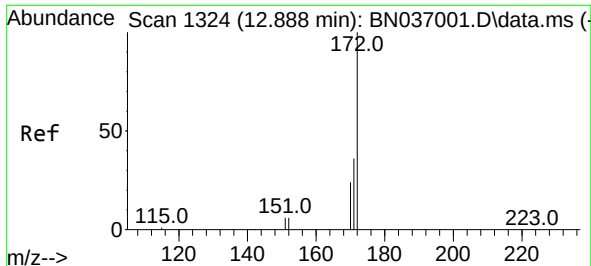
Tgt Ion:164 Resp: 3262
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.4
160 52.1 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 94.4 73.8 110.8
141 57.6 43.9 65.9

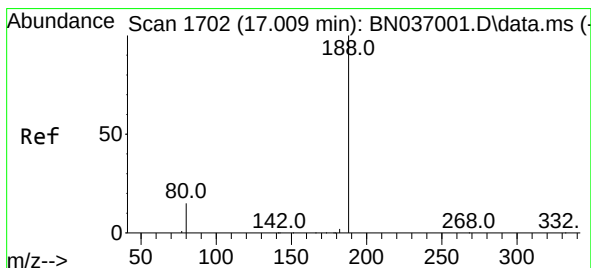
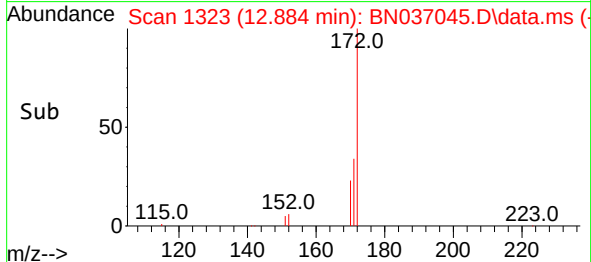
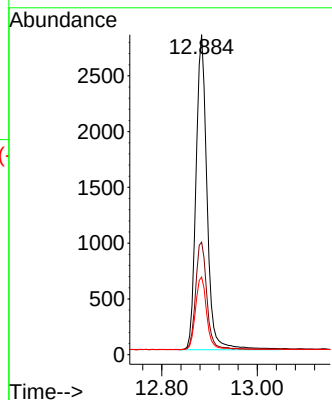
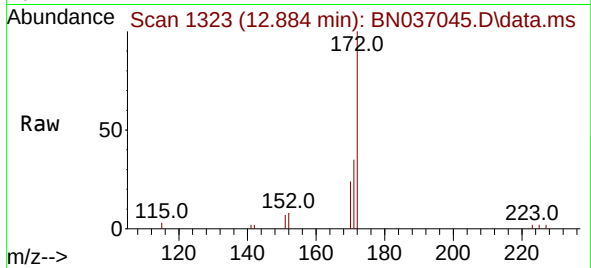




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.884 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

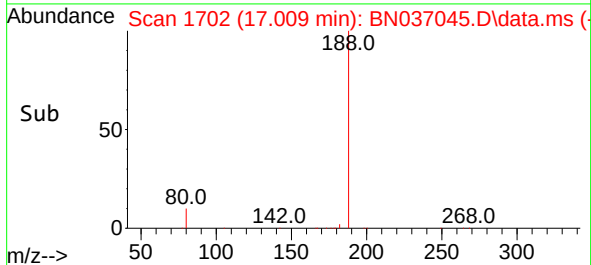
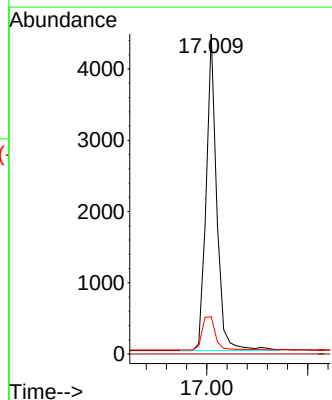
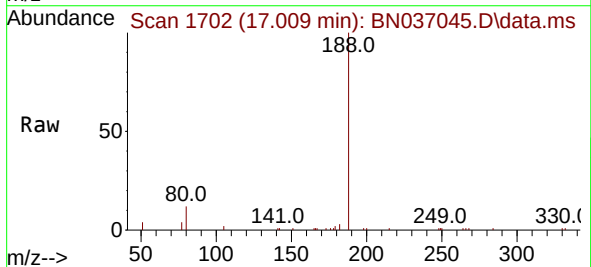
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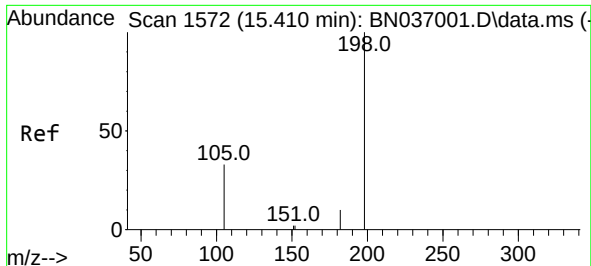
Tgt Ion:172 Resp: 5046
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 24.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:188 Resp: 6500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 13.4 20.0#

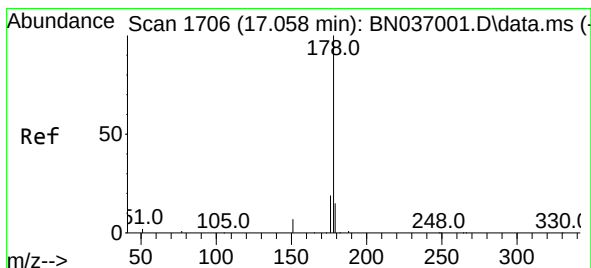
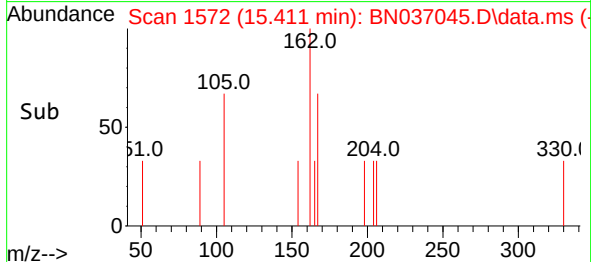
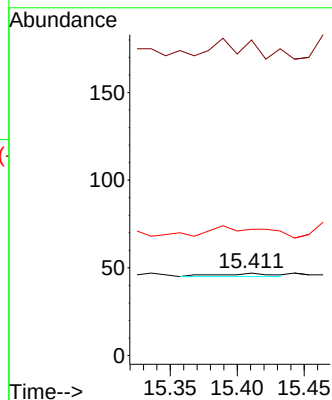
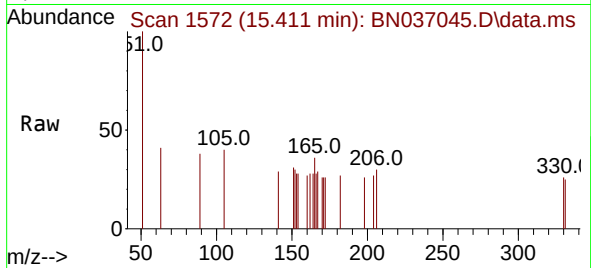




#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.411 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

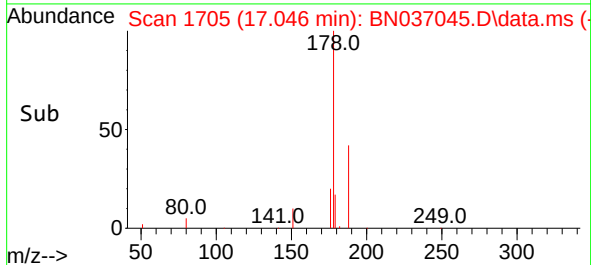
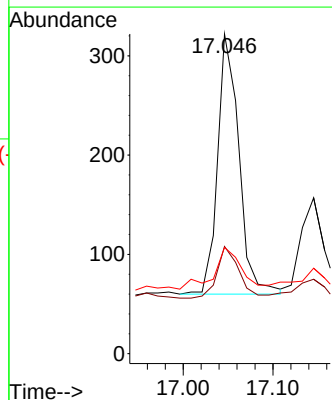
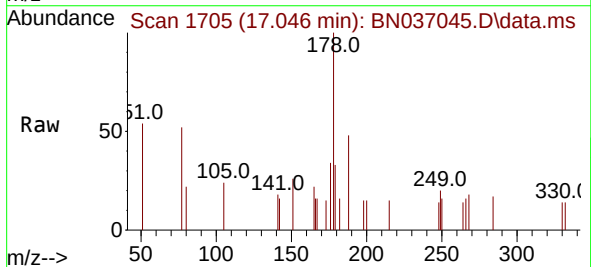
Instrument :
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ClientSampleId :
RW8-SP201-90-20250514

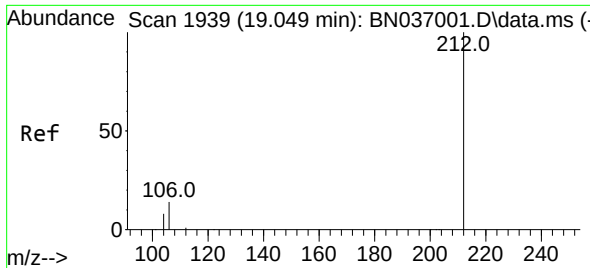
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 383.0 87.8 131.6#
105 153.2 44.2 66.4#



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:178 Resp: 432
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 19.2 12.2 18.2#

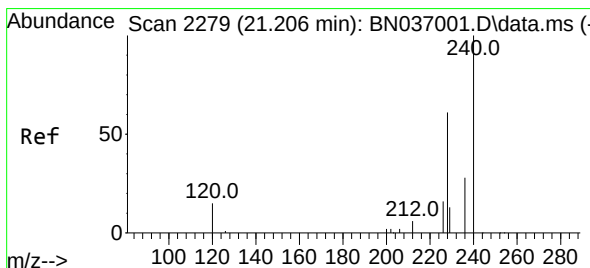
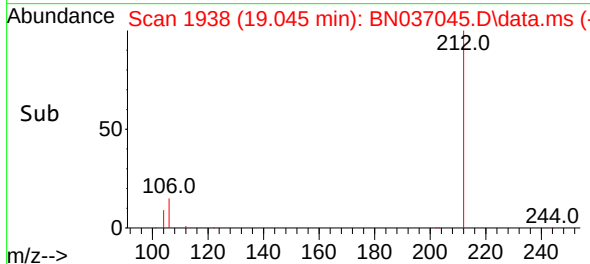
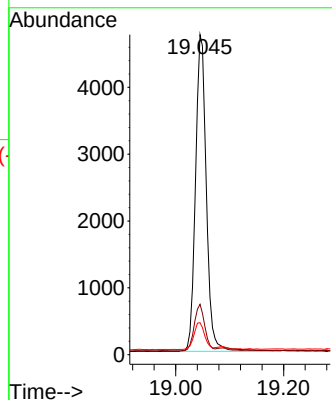
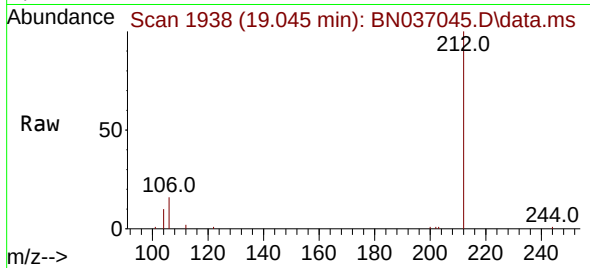




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

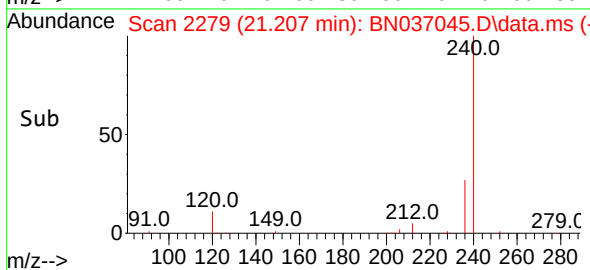
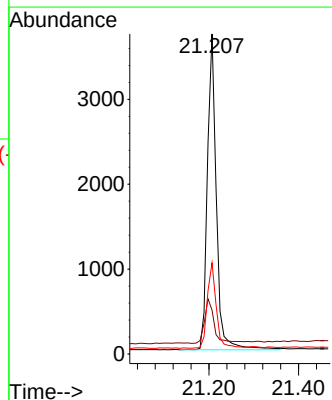
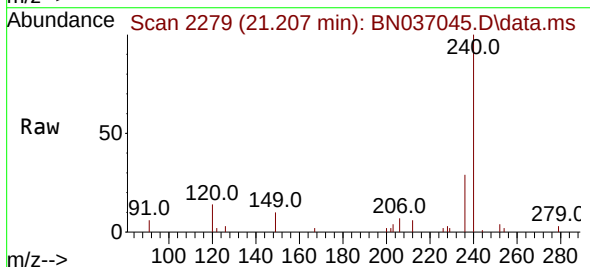
Instrument :
BNA_N
ClientSampleId :
RW8-SP201-90-20250514

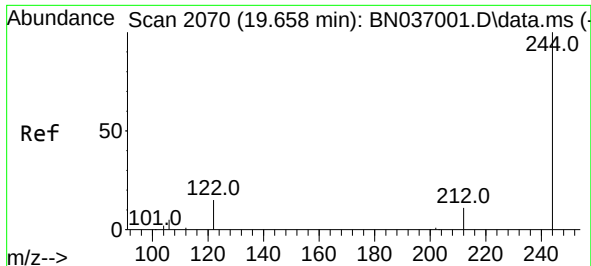
Tgt Ion:212 Resp: 6621
Ion Ratio Lower Upper
212 100
106 14.2 11.3 16.9
104 8.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:240 Resp: 5189
Ion Ratio Lower Upper
240 100
120 13.7 15.1 22.7#
236 28.5 24.0 36.0

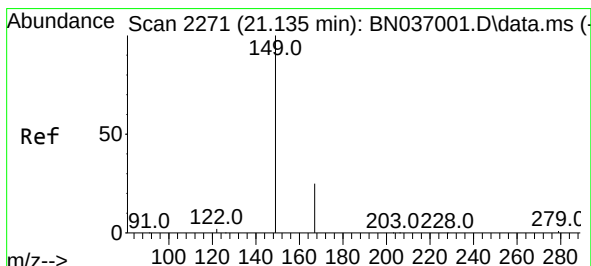
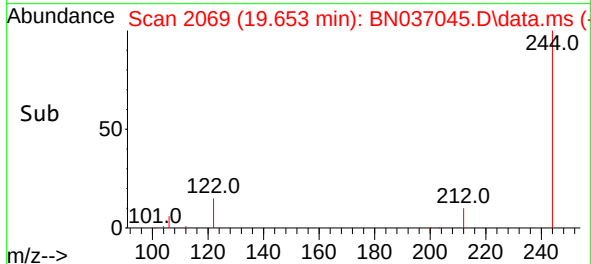
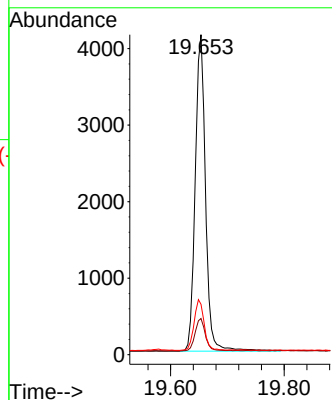
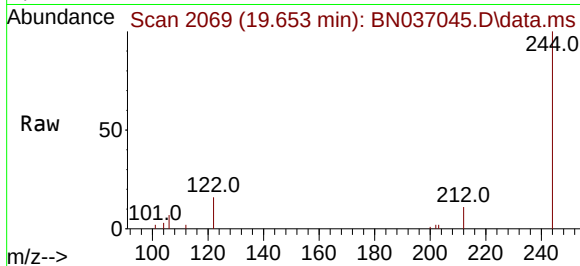




#31
 Terphenyl-d14
 Concen: 0.471 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.004 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

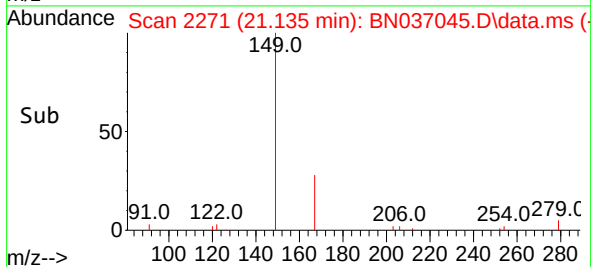
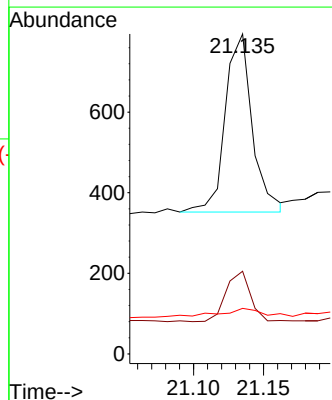
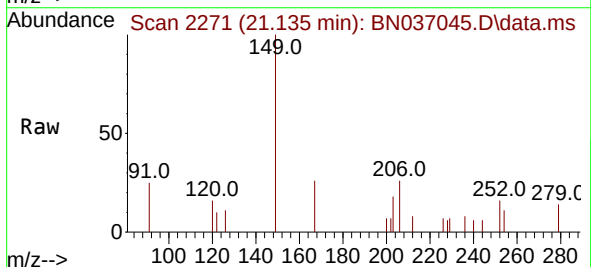
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

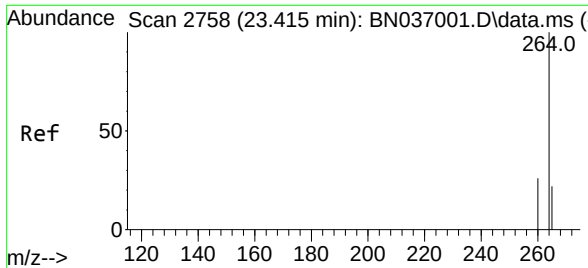
Tgt Ion:244 Resp: 5225
 Ion Ratio Lower Upper
 244 100
 212 11.3 9.7 14.5
 122 15.8 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

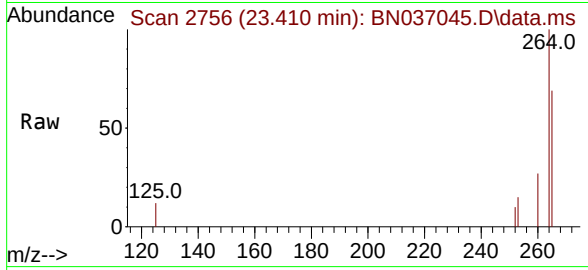
Tgt Ion:149 Resp: 594
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.6 30.8
 279 6.4 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Instrument :
BNA_N
ClientSampleId :
RW8-SP201-90-20250514



Tgt Ion:264 Resp: 4615

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	69.5	51.6	77.4

