

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037179.D
 Acq On : 05 Jun 2025 13:56
 Operator : RC/JU
 Sample : Q2200-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060325

Quant Time: Jun 05 14:28:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

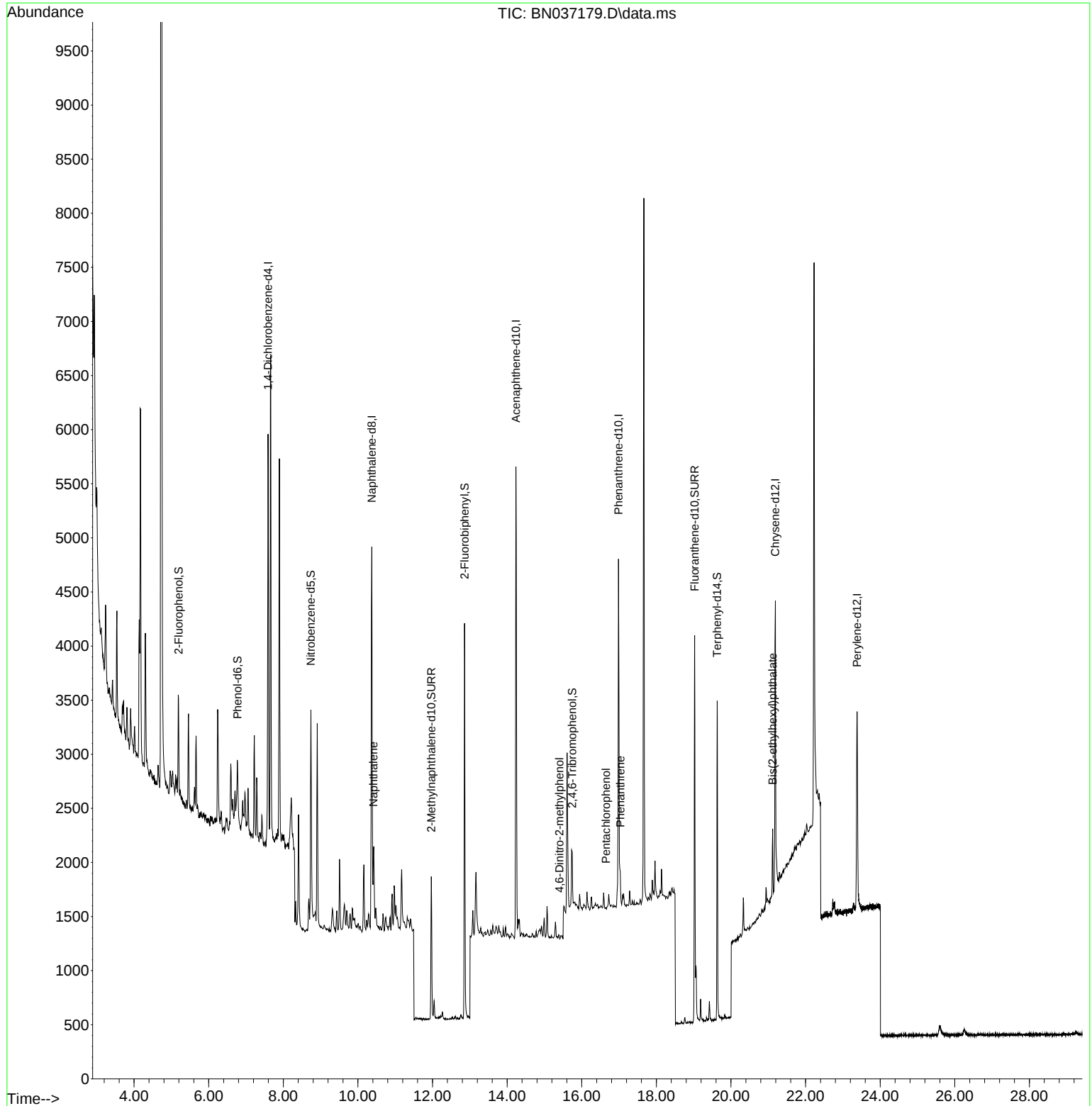
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4597	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2434	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4339	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2778	0.400	ng	0.00
35) Perylene-d12	23.380	264	2502	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	666	0.152	ng	0.00
5) Phenol-d6	6.773	99	474	0.089	ng	0.00
8) Nitrobenzene-d5	8.739	82	1529	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	1866	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	337	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3182	0.307	ng	0.00
27) Fluoranthene-d10	19.026	212	4011	0.364	ng	0.00
31) Terphenyl-d14	19.630	244	2812	0.430	ng	0.00
Target Compounds						
9) Naphthalene	10.415	128	413	0.031	ng	Qvalue # 63
20) 4,6-Dinitro-2-methylph...	15.400	198	2	0.276	ng	# 1
24) Pentachlorophenol	16.649	266	6	0.219	ng	# 6
25) Phenanthrene	17.033	178	335	0.024	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.117	149	601	0.095	ng	98

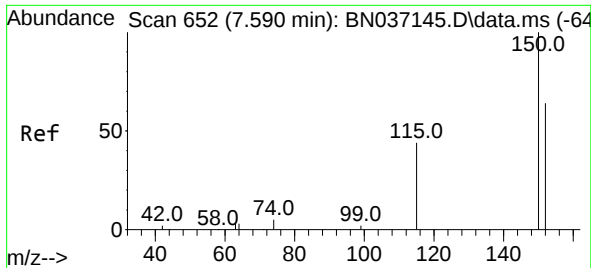
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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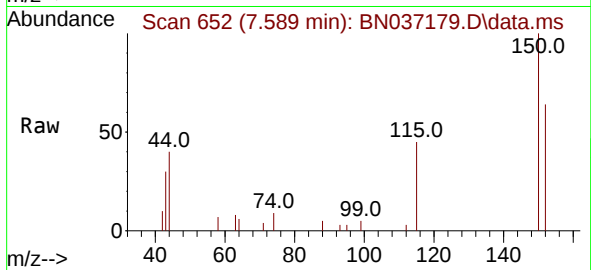
Quant Time: Jun 05 14:28:39 2025
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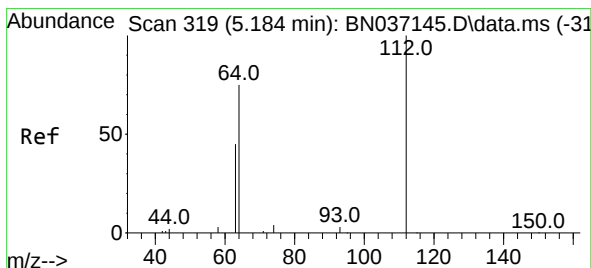
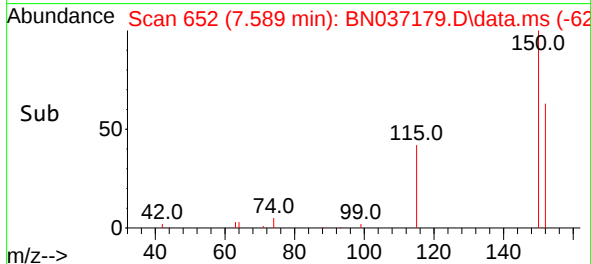
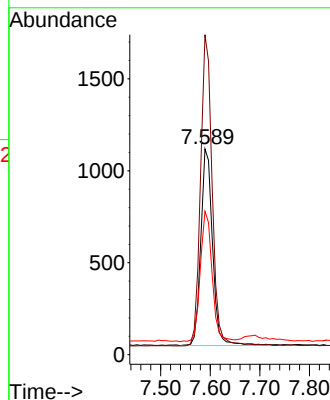


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

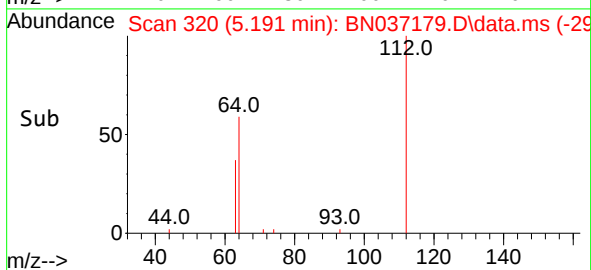
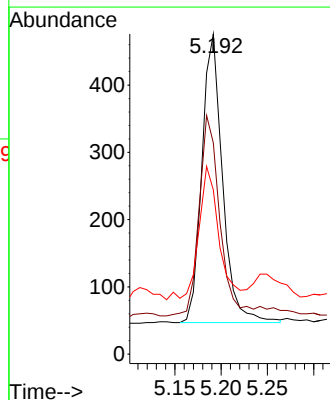
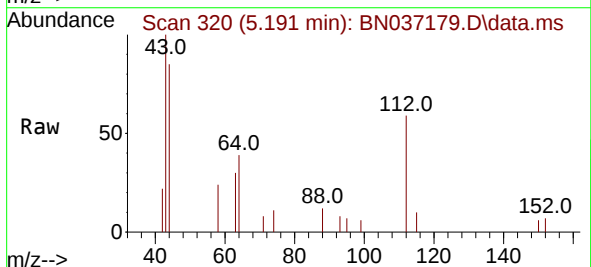


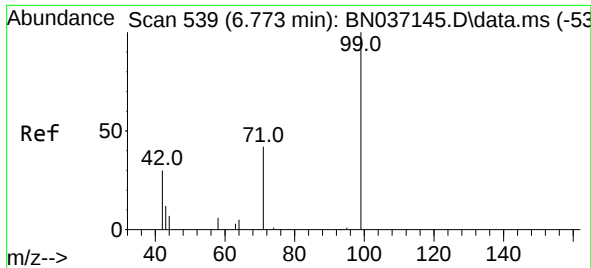
Tgt Ion:152 Resp: 1771
Ion Ratio Lower Upper
152 100
150 155.5 123.2 184.8
115 69.7 56.6 85.0



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

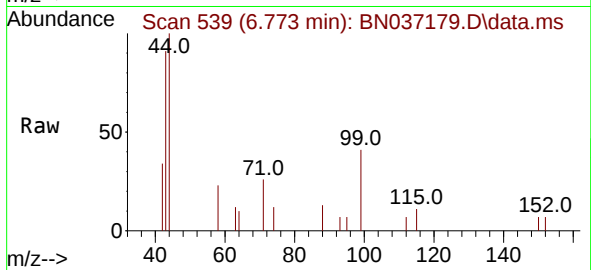
Tgt Ion:112 Resp: 666
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 44.6 36.2 54.4



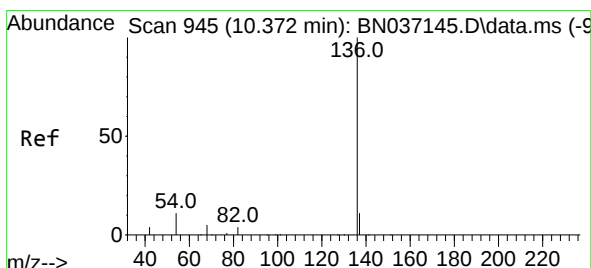
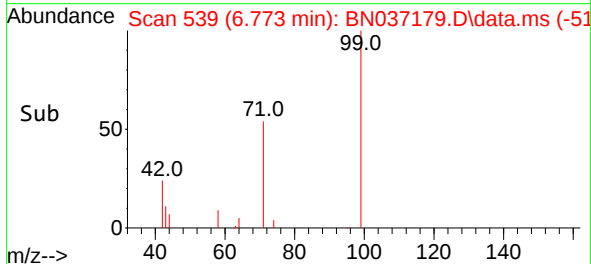
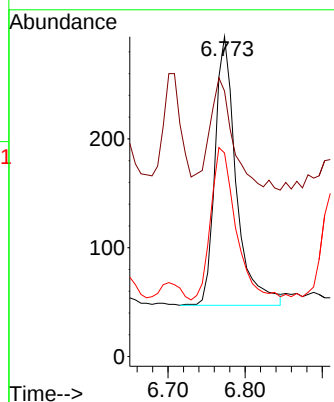


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

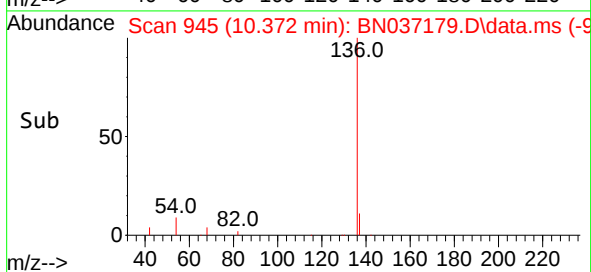
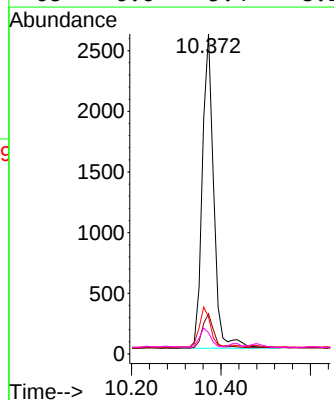
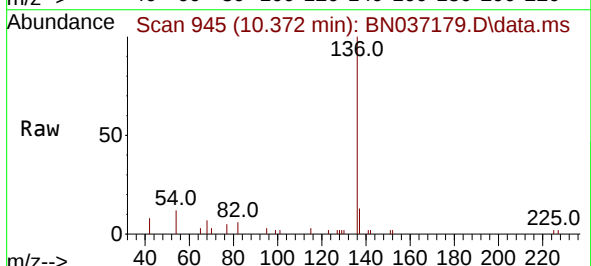


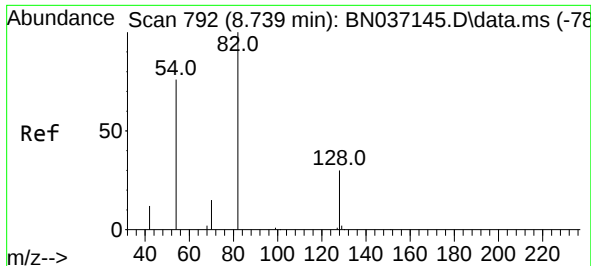
Tgt Ion:	99	Resp:	474
Ion Ratio	100	Lower	Upper
42	46.6	31.3	46.9
71	67.7	38.2	57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:	136	Resp:	4597
Ion Ratio	100	Lower	Upper
137	12.5	9.7	14.5
54	11.6	9.7	14.5
68	6.6	5.4	8.2

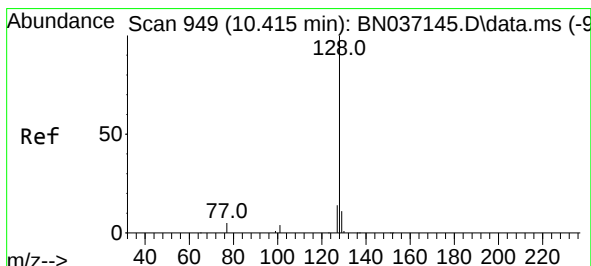
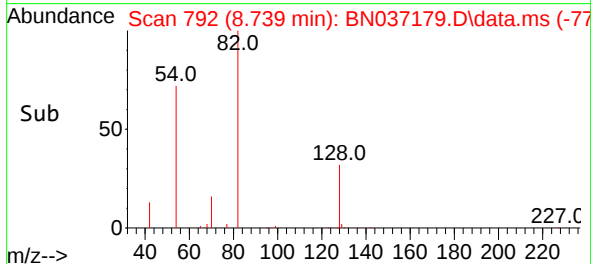
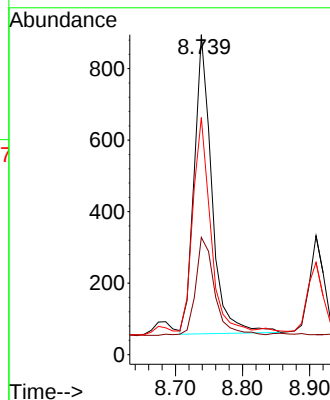
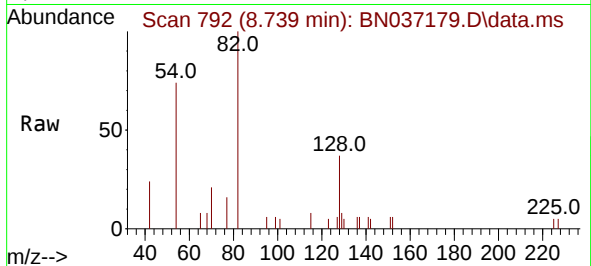




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

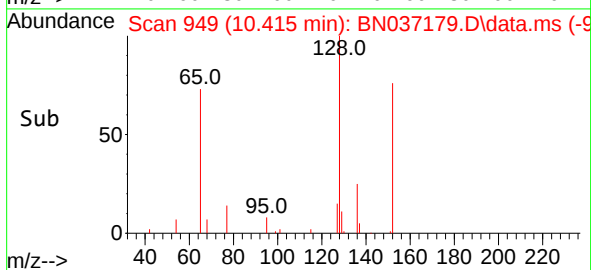
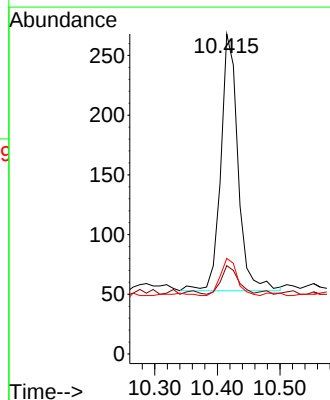
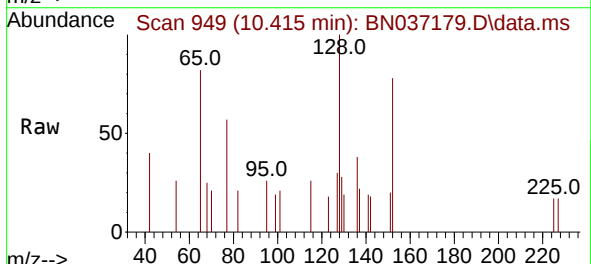
Instrument :
BNA_N
ClientSampleId :
EB01-060325

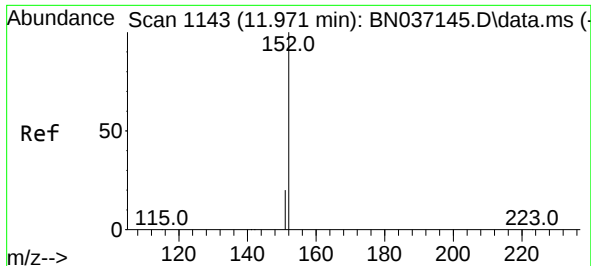
Tgt Ion: 82 Resp: 1529
Ion Ratio Lower Upper
82 100
128 36.6 26.9 40.3
54 74.1 61.4 92.2



#9
Naphthalene
Concen: 0.031 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 128 Resp: 413
Ion Ratio Lower Upper
128 100
129 27.6 9.8 14.8#
127 29.9 12.3 18.5#

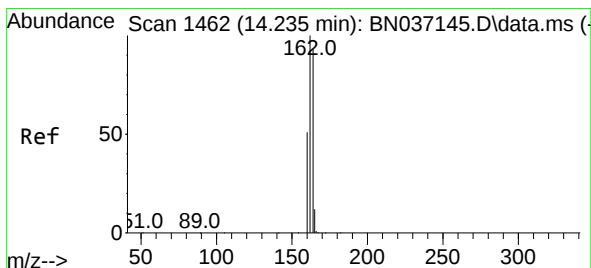
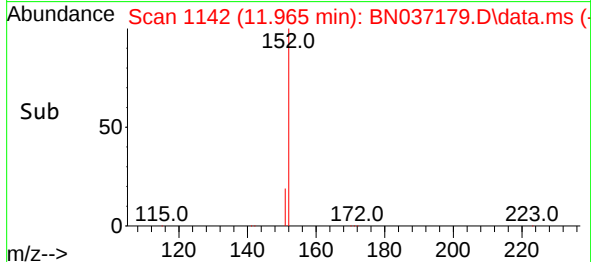
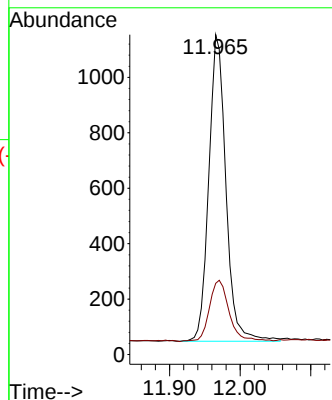
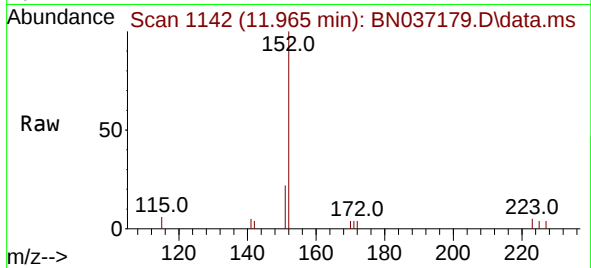




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

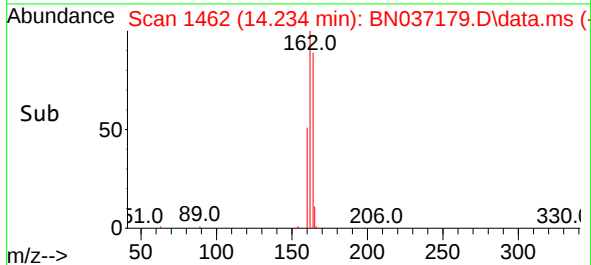
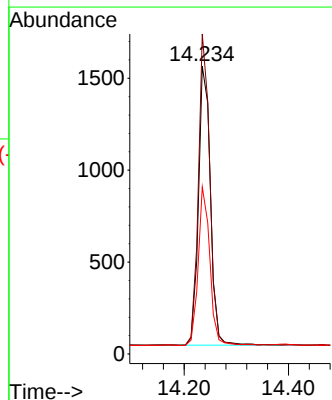
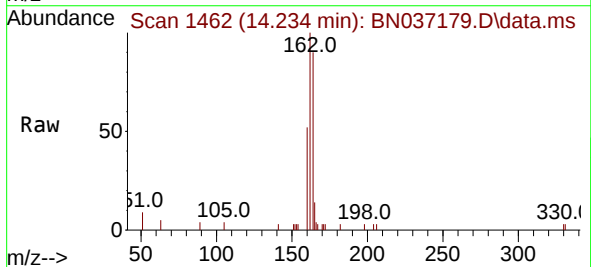
Instrument :
BNA_N
ClientSampleId :
EB01-060325

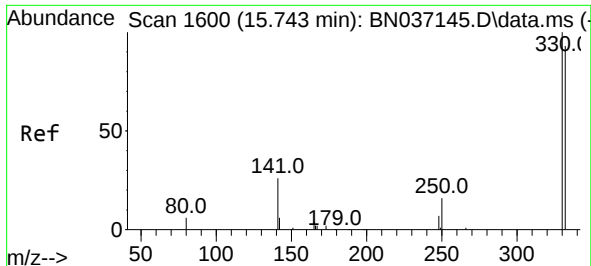
Tgt Ion:152 Resp: 1866
Ion Ratio Lower Upper
152 100
151 23.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:164 Resp: 2434
Ion Ratio Lower Upper
164 100
162 111.2 85.5 128.3
160 58.1 44.6 67.0

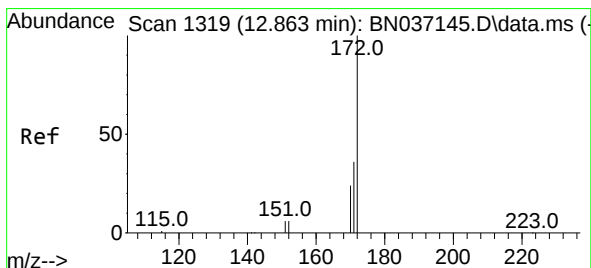
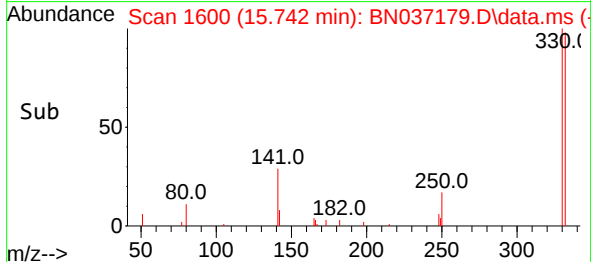
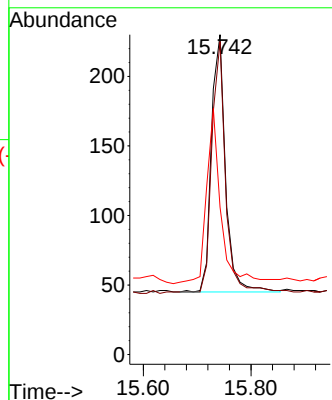
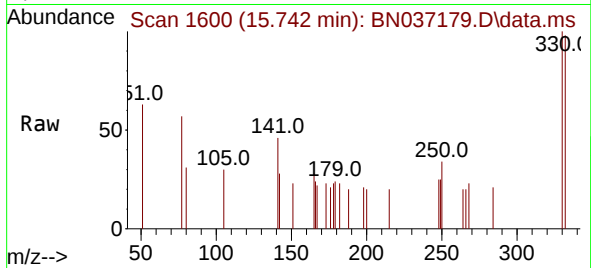




#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

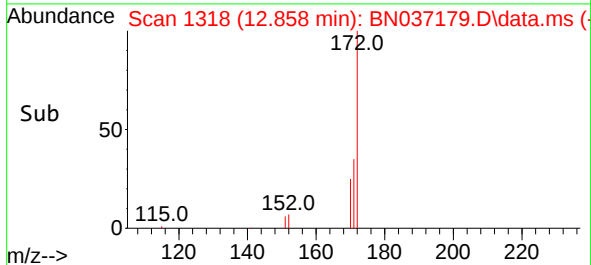
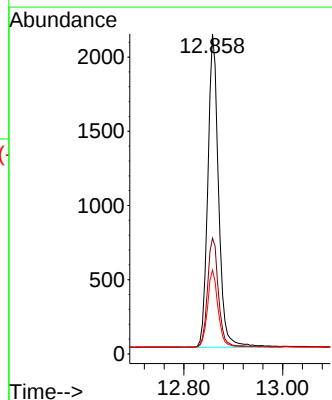
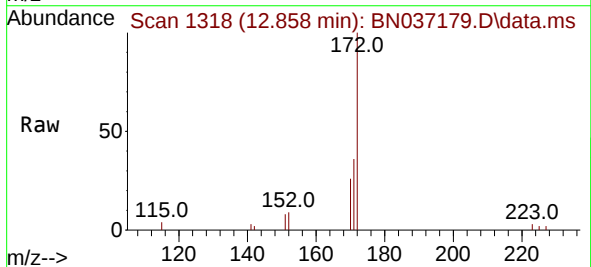
Instrument :
BNA_N
ClientSampleId :
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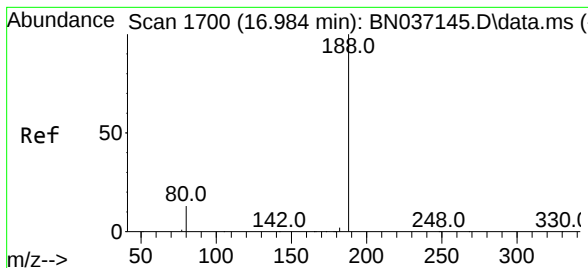
Tgt Ion:330 Resp: 337
Ion Ratio Lower Upper
330 100
332 92.9 77.1 115.7
141 68.2 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:172 Resp: 3182
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 26.2 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_N

ClientSampleId :

EB01-060325

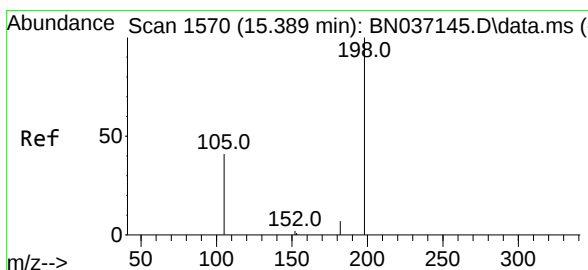
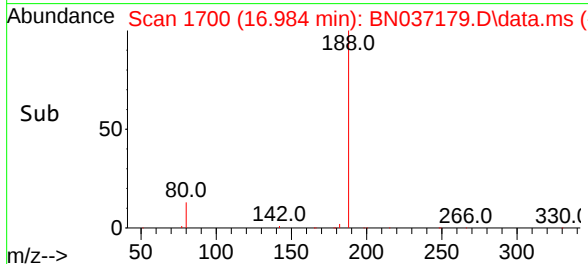
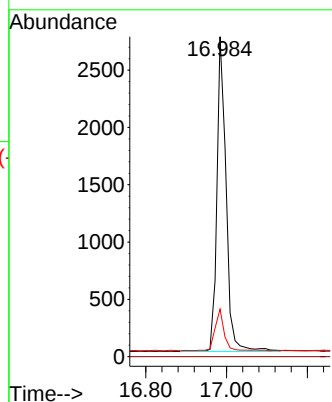
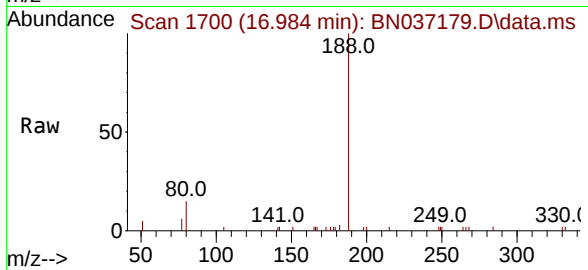
Tgt Ion:188 Resp: 4339

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.276 ng

RT: 15.400 min Scan# 1571

Delta R.T. 0.011 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

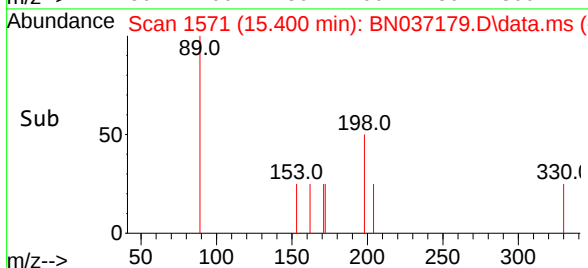
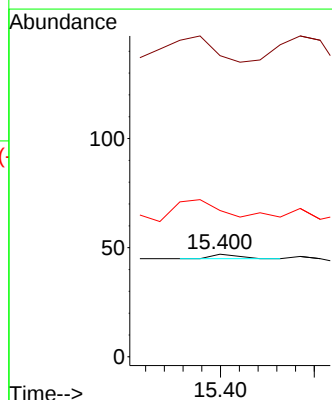
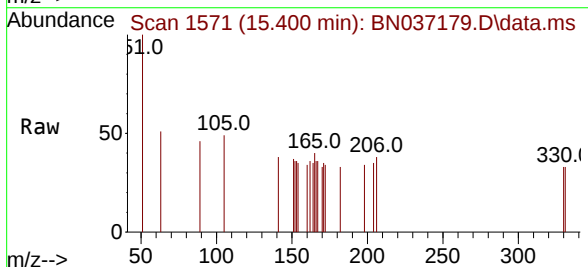
Tgt Ion:198 Resp: 2

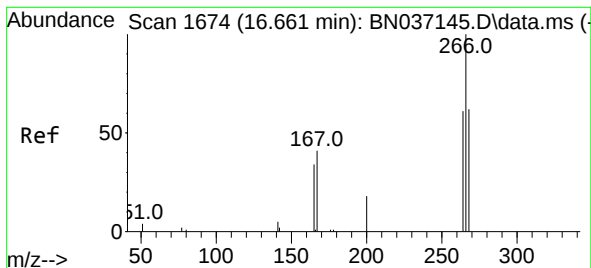
Ion Ratio Lower Upper

198 100

51 293.6 125.2 187.8#

105 142.6 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.219 ng

RT: 16.649 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_N

ClientSampleId :

EB01-060325

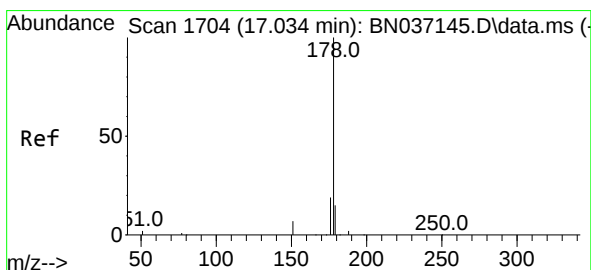
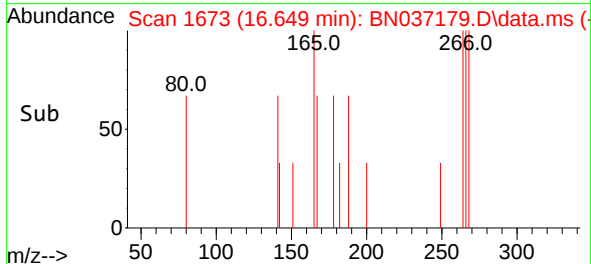
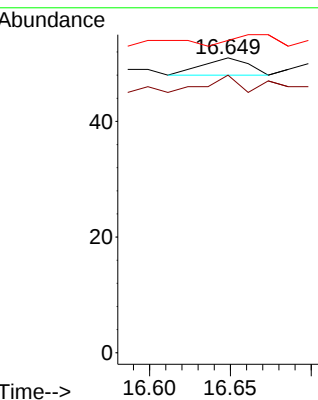
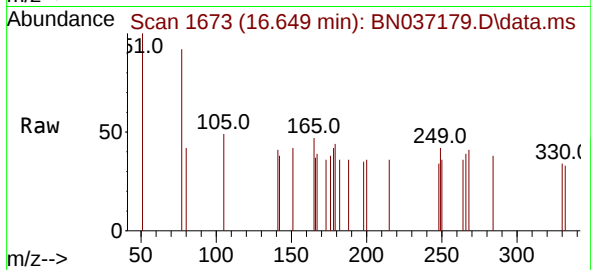
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 66.7 49.3 73.9

268 200.0 49.0 73.4#



#25

Phenanthrene

Concen: 0.024 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

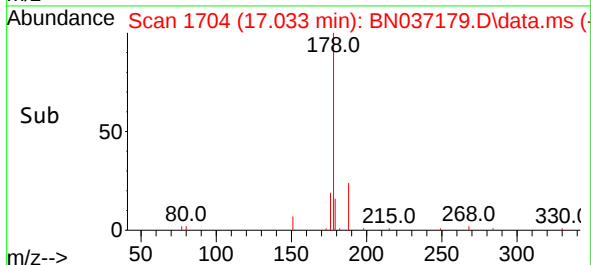
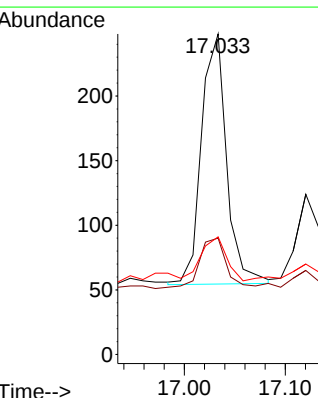
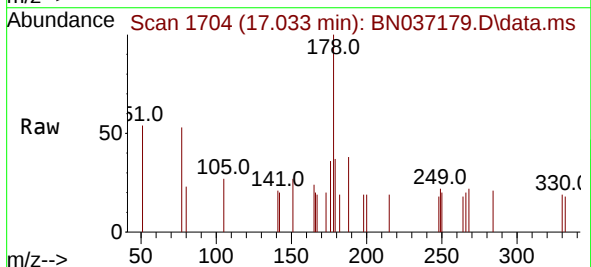
Tgt Ion:178 Resp: 335

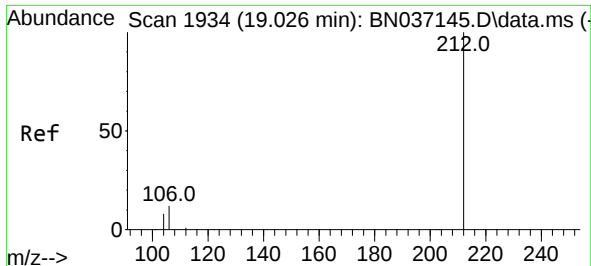
Ion Ratio Lower Upper

178 100

176 21.8 15.7 23.5

179 25.4 12.3 18.5#

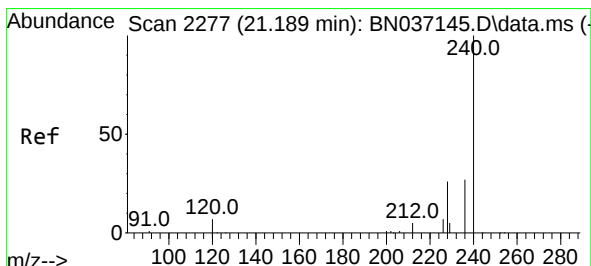
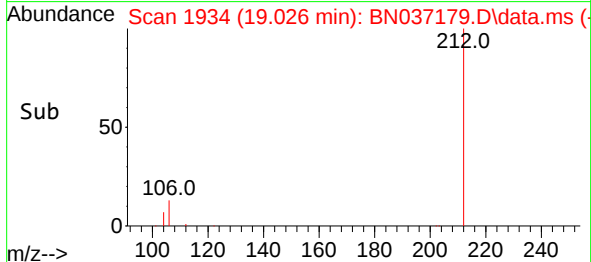
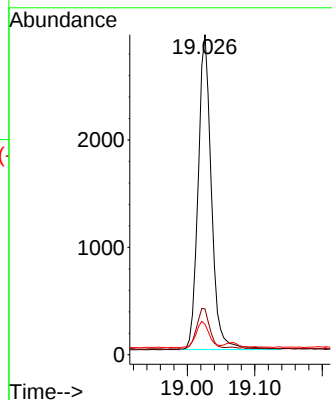
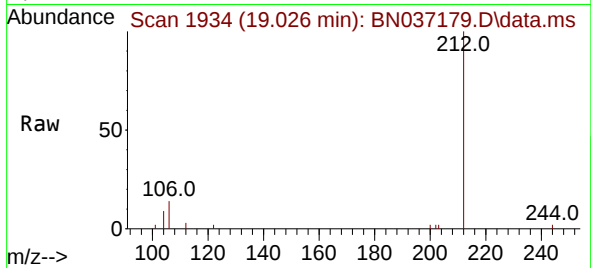




#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

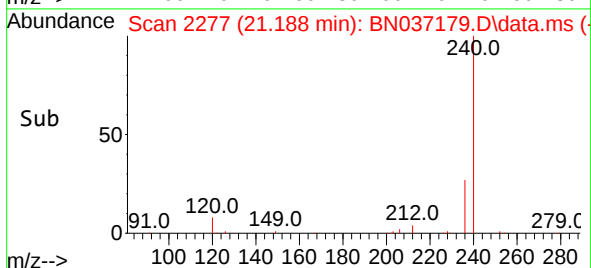
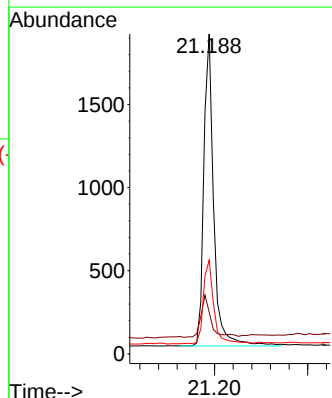
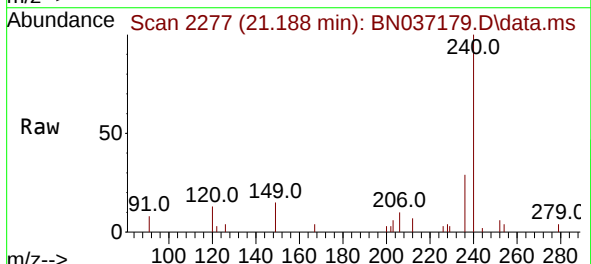
Instrument :
BNA_N
ClientSampleId :
EB01-060325

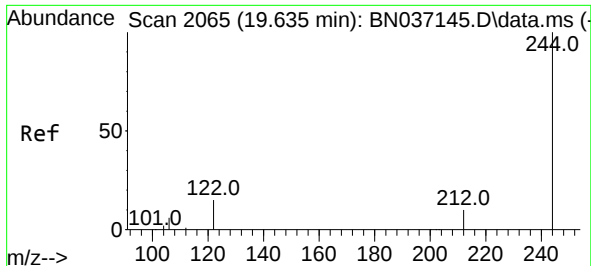
Tgt Ion:212 Resp: 4011
Ion Ratio Lower Upper
212 100
106 12.8 10.6 15.8
104 8.5 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:240 Resp: 2778
Ion Ratio Lower Upper
240 100
120 13.1 9.0 13.4
236 29.3 23.0 34.4

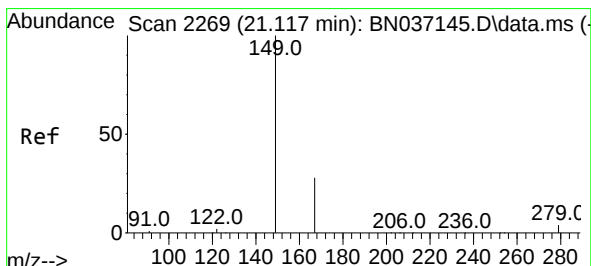
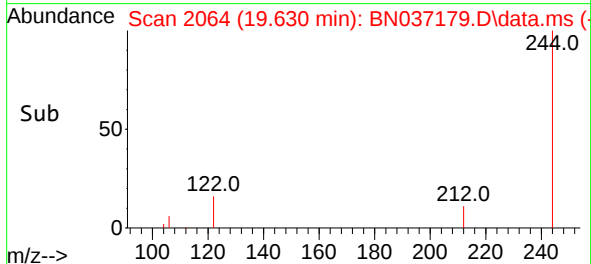
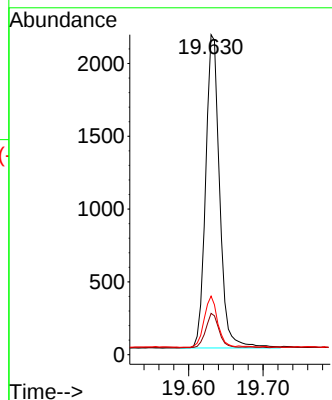
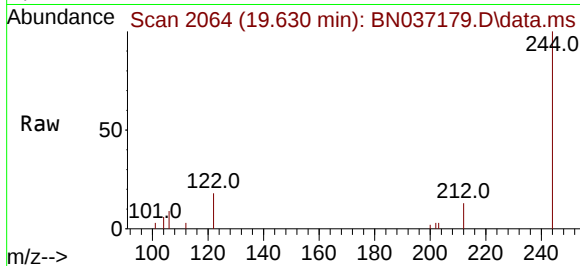




#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.630 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

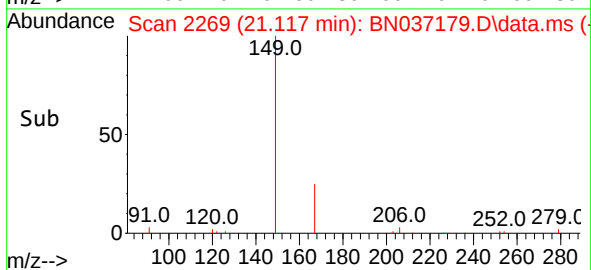
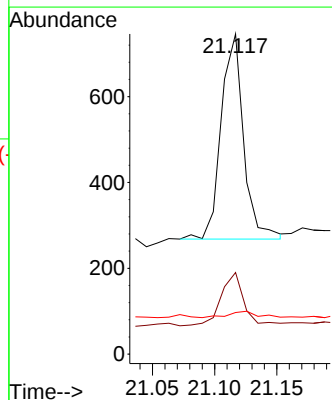
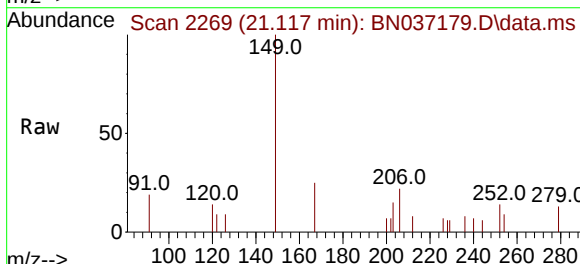
Instrument :
BNA_N
ClientSampleId :
EB01-060325

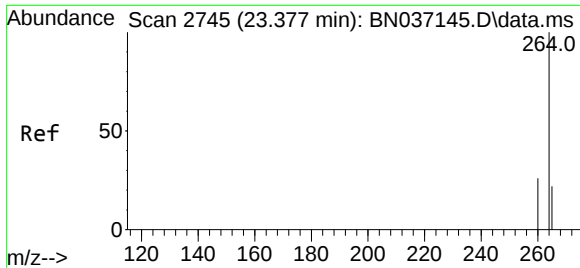
Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.0	15.0
122	18.3	13.2	19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

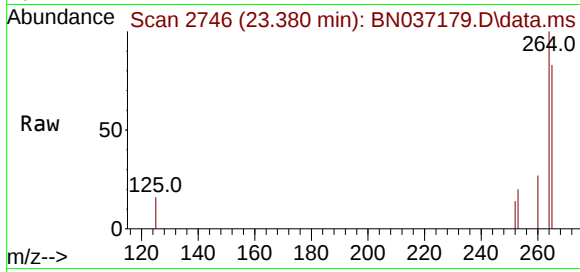
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	4.2	2.9	4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037179.D
 Acq: 05 Jun 2025 13:56

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060325



Tgt Ion:264 Resp: 2502

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.1	33.1
265	82.5	55.8	83.8

