

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
 Data File : BN037169.D
 Acq On : 04 Jun 2025 13:03
 Operator : RC/JU
 Sample : PB168238BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Quant Time: Jun 04 13:26:28 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)

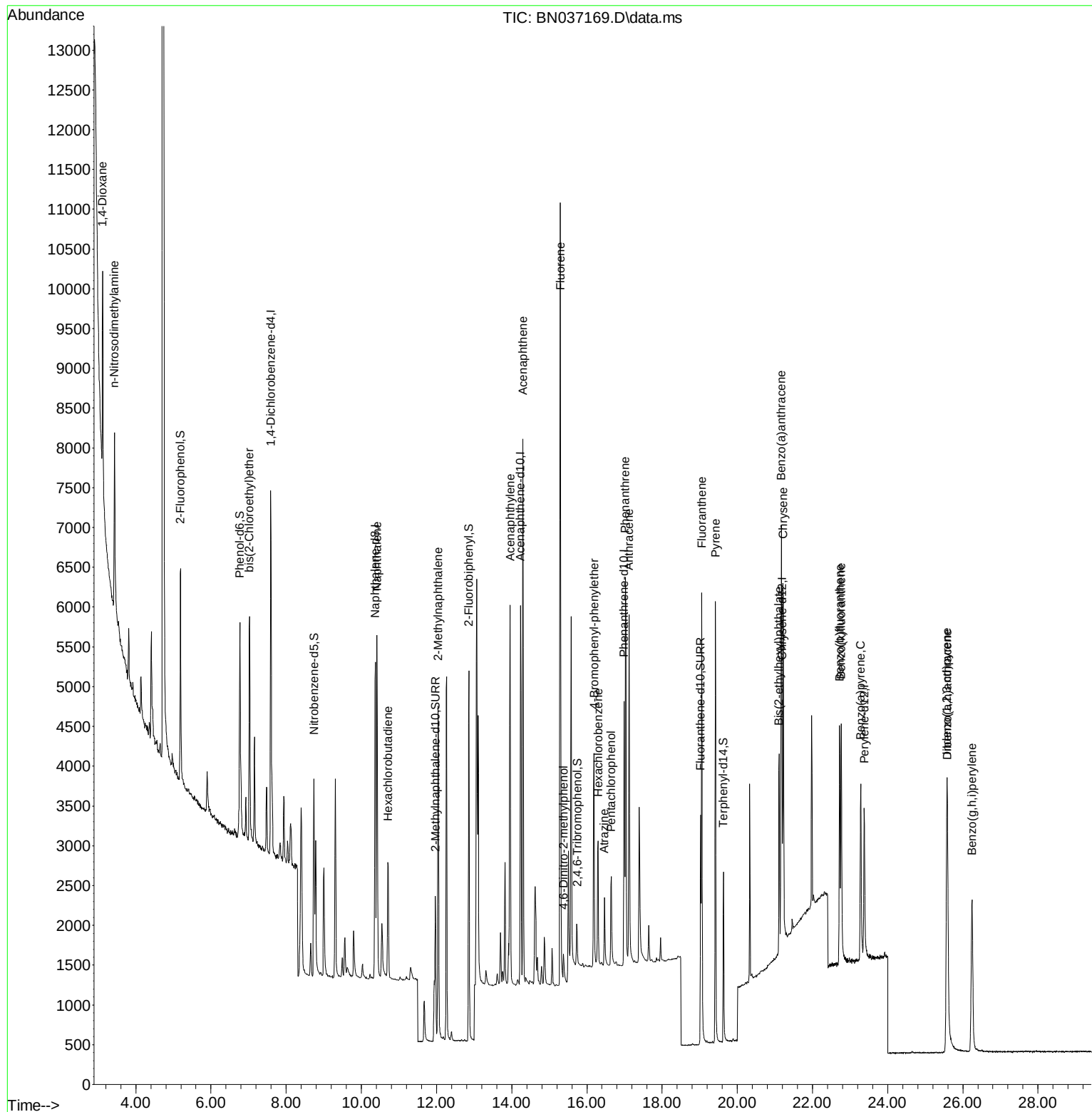
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	2147	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5350	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2661	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4419	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2674	0.400	ng	0.00
35) Perylene-d12	23.377	264	2551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1953	0.368	ng	0.00
5) Phenol-d6	6.766	99	2276	0.354	ng	0.00
8) Nitrobenzene-d5	8.739	82	2021	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	3893	0.523	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	314	0.293	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4148	0.366	ng	0.00
27) Fluoranthene-d10	19.026	212	3333	0.297	ng	0.00
31) Terphenyl-d14	19.630	244	2256	0.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	1228	0.429	ng	# 35
3) n-Nitrosodimethylamine	3.430	42	2089	0.364	ng	# 95
6) bis(2-Chloroethyl)ether	7.026	93	2073	0.338	ng	95
9) Naphthalene	10.415	128	5411	0.351	ng	99
10) Hexachlorobutadiene	10.714	225	1183	0.352	ng	# 98
12) 2-Methylnaphthalene	12.042	142	3054	0.309	ng	98
16) Acenaphthylene	13.957	152	5109	0.392	ng	100
17) Acenaphthene	14.299	154	3052	0.360	ng	99
18) Fluorene	15.293	166	3886	0.349	ng	98
20) 4,6-Dinitro-2-methylph...	15.379	198	328	0.528	ng	# 80
21) 4-Bromophenyl-phenylether	16.190	248	1063	0.367	ng	95
22) Hexachlorobenzene	16.301	284	1169	0.374	ng	99
23) Atrazine	16.463	200	763	0.319	ng	99
24) Pentachlorophenol	16.649	266	671	0.574	ng	96
25) Phenanthrene	17.021	178	5611	0.392	ng	100
26) Anthracene	17.120	178	4942	0.378	ng	99
28) Fluoranthene	19.054	202	5342	0.338	ng	99
30) Pyrene	19.416	202	5262	0.403	ng	100
32) Benzo(a)anthracene	21.171	228	3952	0.408	ng	100
33) Chrysene	21.216	228	4391	0.407	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	1898	0.311	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.573	276	4667	0.460	ng	100
37) Benzo(b)fluoranthene	22.722	252	3779	0.367	ng	95
38) Benzo(k)fluoranthene	22.763	252	4120	0.392	ng	96
39) Benzo(a)pyrene	23.284	252	3526	0.409	ng	95
40) Dibenzo(a,h)anthracene	25.591	278	3574	0.457	ng	98
41) Benzo(g,h,i)perylene	26.243	276	3931	0.437	ng	98

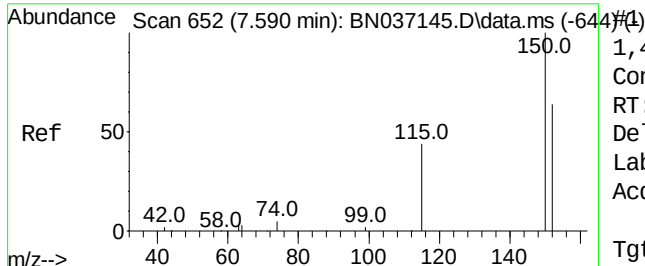
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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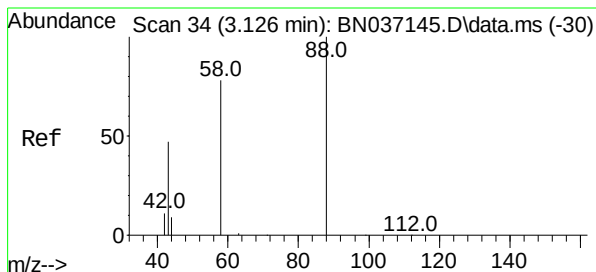
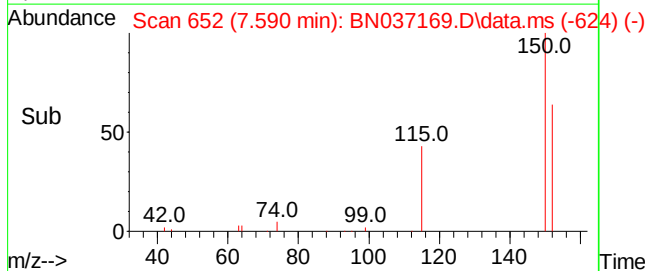
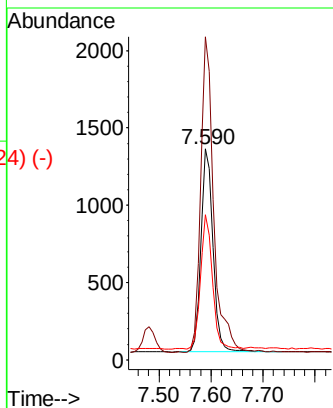
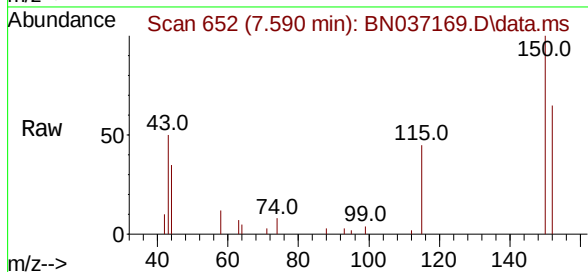




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

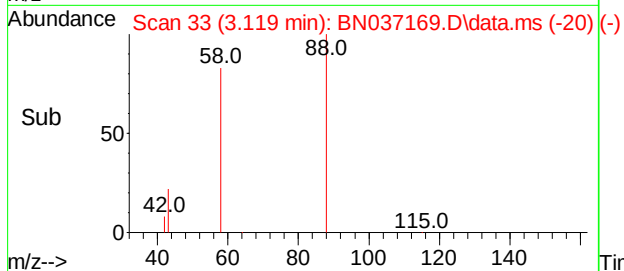
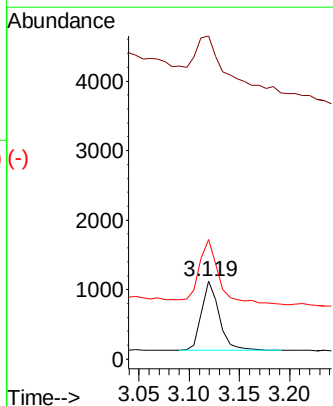
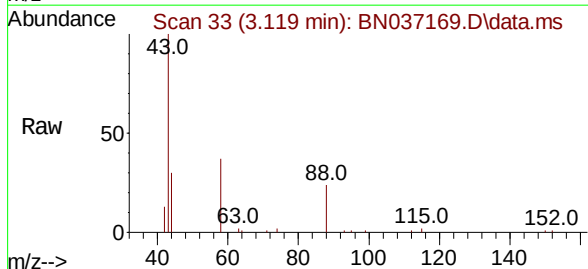
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

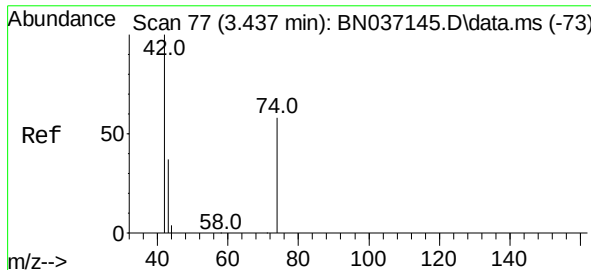
Tgt Ion:	152	Resp:	2147
Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.2	184.8
115	68.8	56.6	85.0



1,4-Dioxane
 Concen: 0.429 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	88	Resp:	1228
Ion	Ratio	Lower	Upper
88	100		
43	144.8	43.5	65.3#
58	107.8	67.7	101.5#

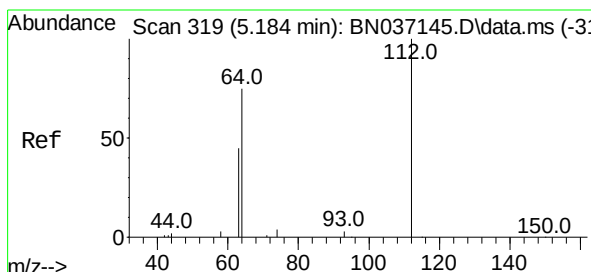
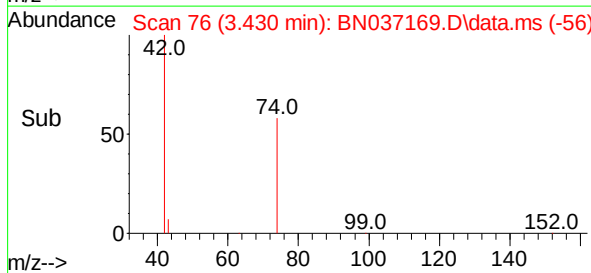
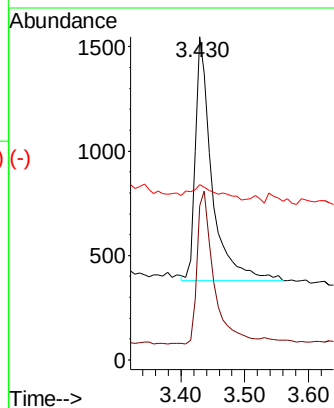
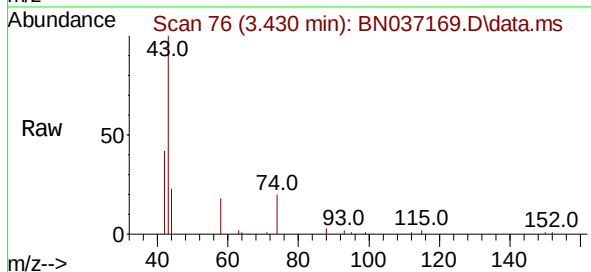




n-Nitrosodimethylamine
 Concen: 0.364 ng
 RT: 3.430 min Scan#
 Delta R.T. -0.007 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

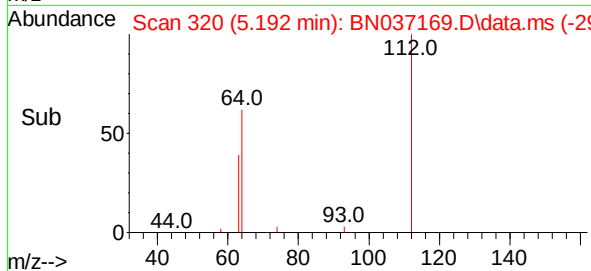
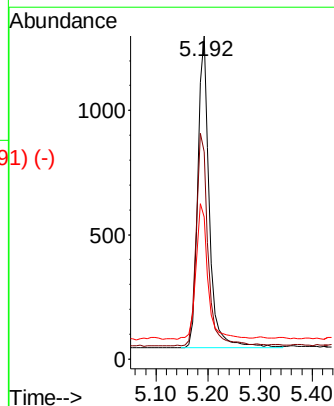
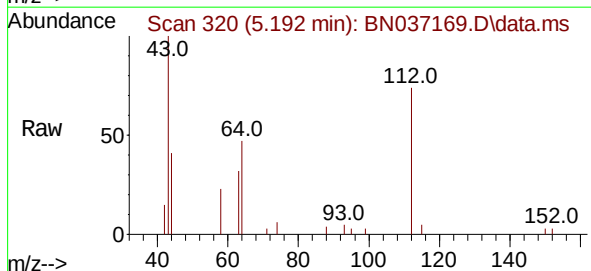
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 PB168238BSD

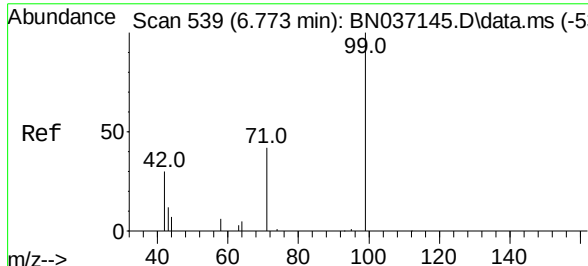
Tgt Ion:	42	Resp:	2089
Ion	Ratio	Lower	Upper
42	100		
74	62.4	53.0	79.4
44	10.1	5.9	8.9#



2-Fluorophenol
 Concen: 0.368 ng
 RT: 5.192 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	112	Resp:	1953
Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.3	84.5
63	45.1	36.2	54.4

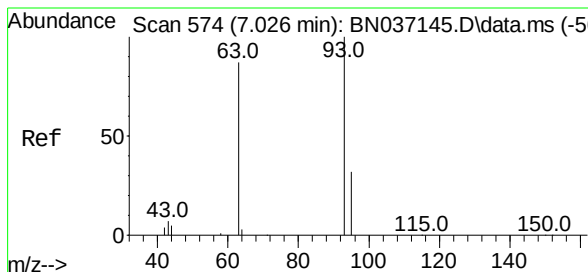
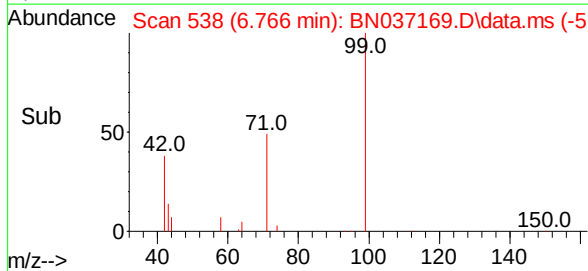
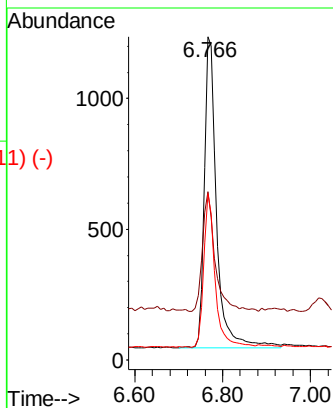
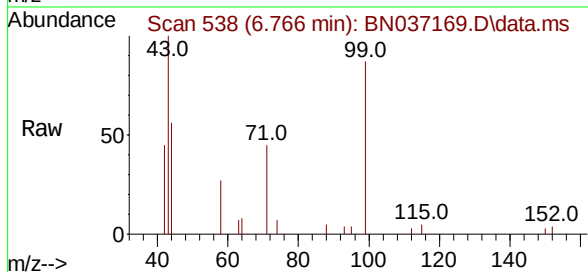




Phenol-d6
 Concen: 0.354 ng
 RT: 6.766 min Scan# 538
 Delta R.T. -0.007 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

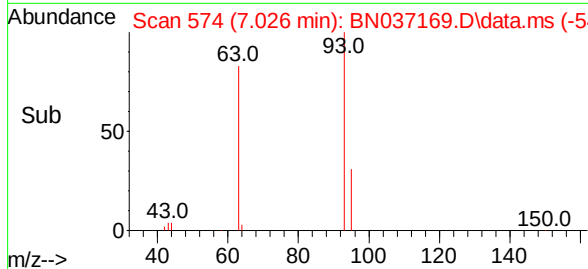
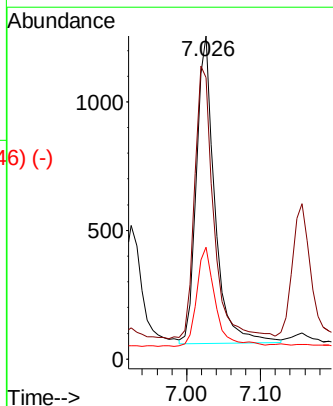
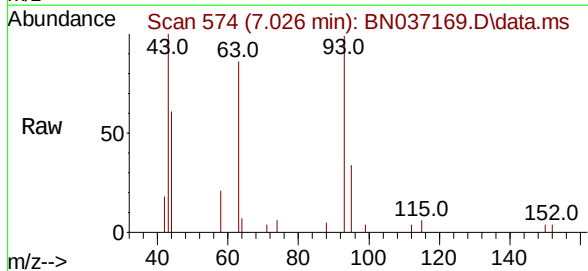
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Tgt Ion:	99	Resp:	2276
Ion	Ratio	Lower	Upper
99	100		
42	39.8	31.3	46.9
71	45.8	38.2	57.2

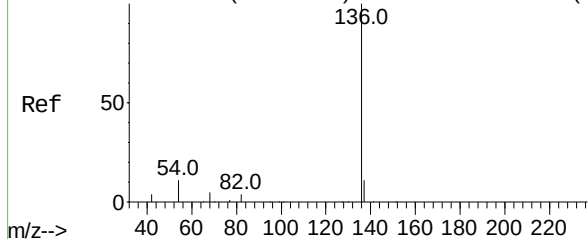


bis(2-Chloroethyl)ether
 Concen: 0.338 ng
 RT: 7.026 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	93	Resp:	2073
Ion	Ratio	Lower	Upper
93	100		
63	91.2	68.6	103.0
95	32.1	24.3	36.5



Abundance Scan 945 (10.372 min): BN037145.D\data.ms (-945) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.372 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Tgt Ion: 136 Resp: 5350

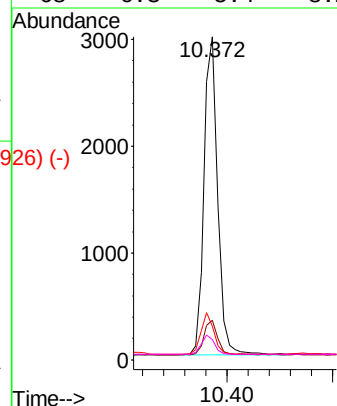
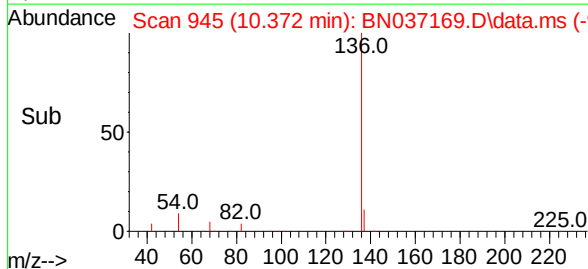
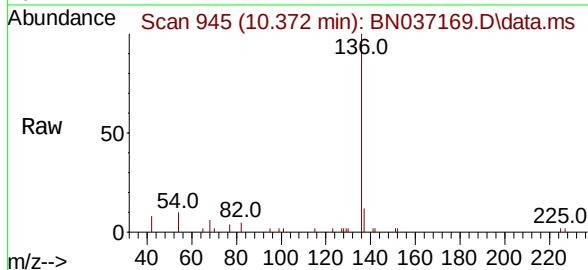
Ion Ratio Lower Upper

136 100

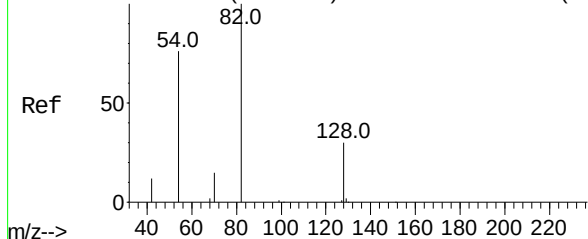
137 12.2 9.7 14.5

54 10.4 9.7 14.5

68 6.3 5.4 8.2



Abundance Scan 792 (8.739 min): BN037145.D\data.ms (-788) (-)



Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.739 min Scan# 792

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

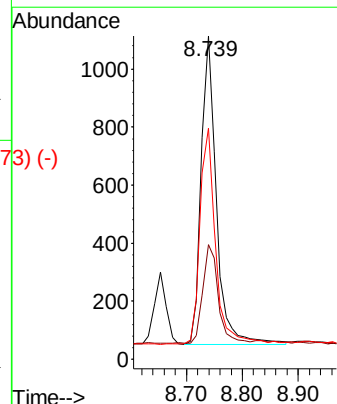
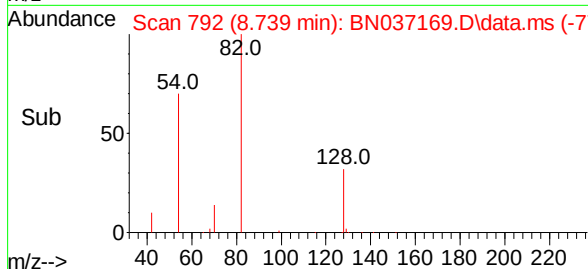
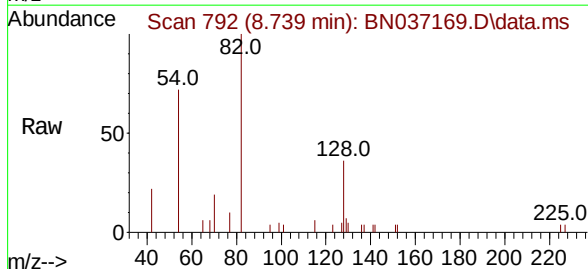
Tgt Ion: 82 Resp: 2021

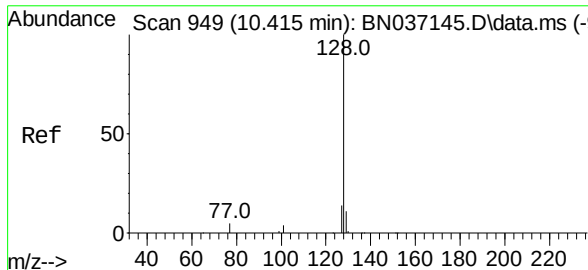
Ion Ratio Lower Upper

82 100

128 35.5 26.9 40.3

54 71.5 61.4 92.2





Naphthalene

Concen: 0.351 ng

RT: 10.415 min Scan# 949

Delta R.T. 0.000 min

Lab File: BN037169.D

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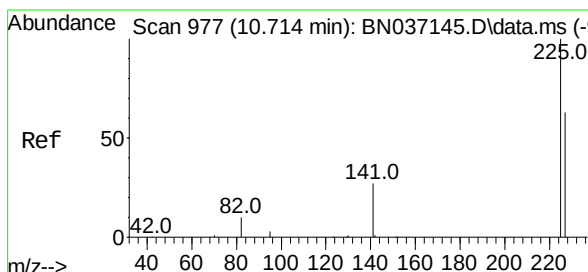
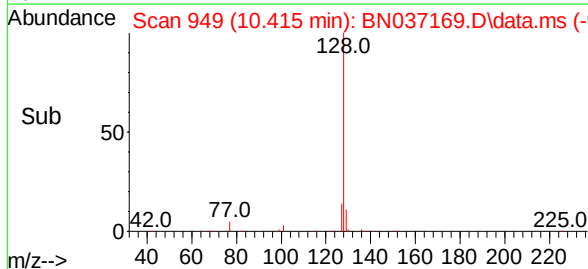
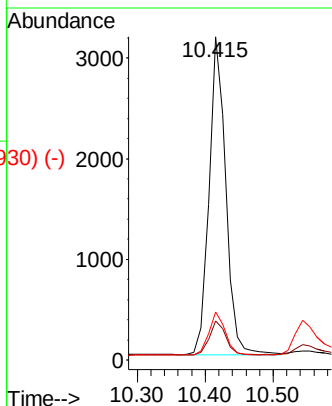
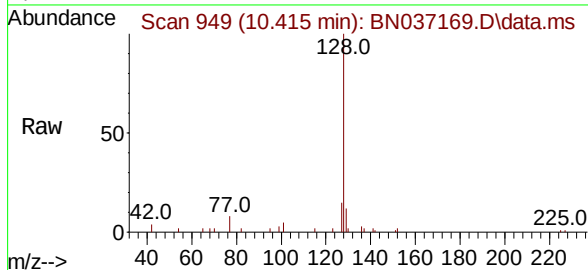
Tgt Ion:128 Resp: 5411

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

127 14.9 12.3 18.5



Hexachlorobutadiene

Concen: 0.352 ng

RT: 10.714 min Scan# 977

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

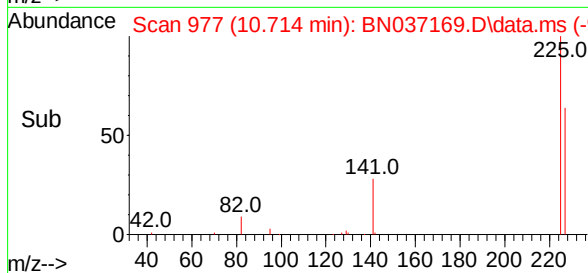
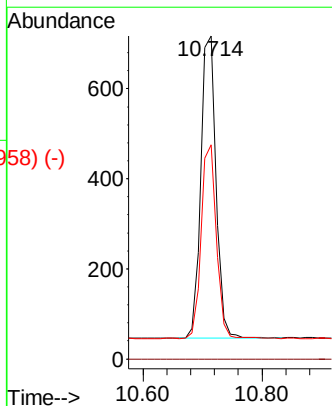
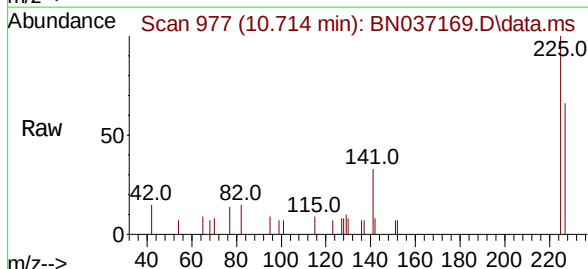
Tgt Ion:225 Resp: 1183

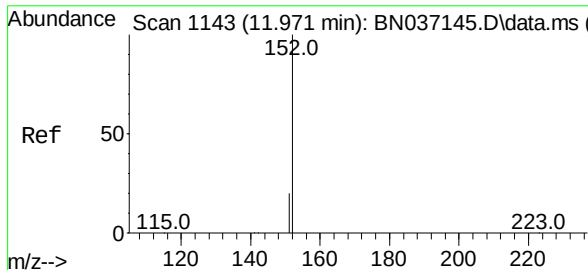
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 50.3 75.5

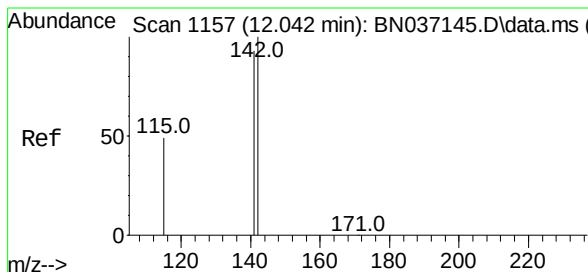
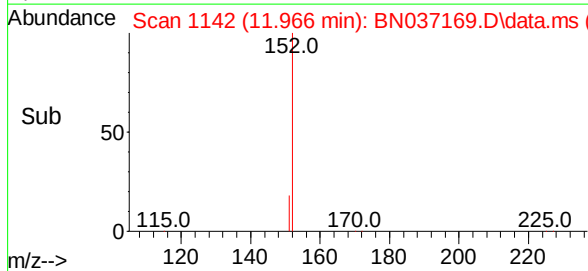
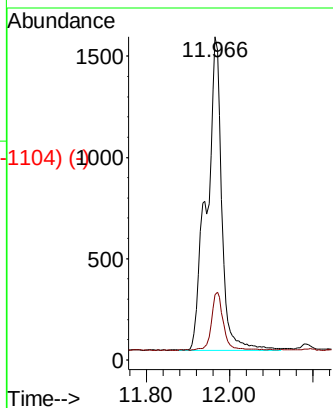
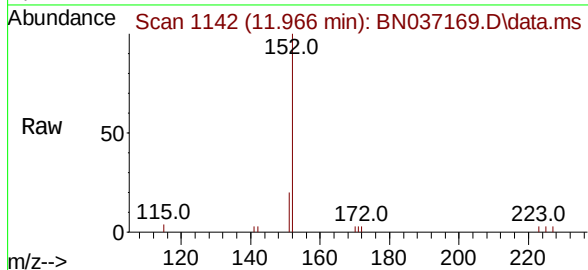




2-Methylnaphthalene-d10
 Concen: 0.523 ng
 RT: 11.966 min Scan# 1143
 Delta R.T. -0.005 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

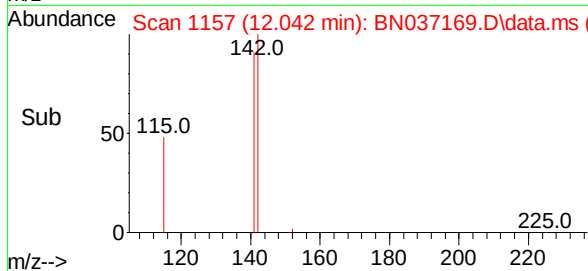
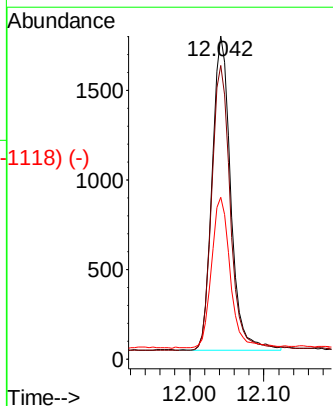
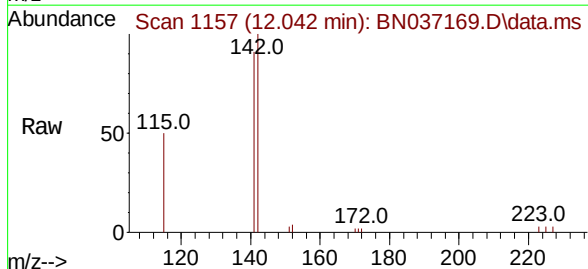
Instrument :
 BNA_N
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Tgt Ion:152 Resp: 3893
 Ion Ratio Lower Upper
 152 100
 151 14.3 17.1 25.7#



2-Methylnaphthalene
 Concen: 0.309 ng
 RT: 12.042 min Scan# 1157
 Delta R.T. 0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:142 Resp: 3054
 Ion Ratio Lower Upper
 142 100
 141 90.8 74.6 111.8
 115 50.1 41.0 61.4



Abundance Scan 1462 (14.235 min): BN037145.D\data.ms (-1438) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BN037169.D

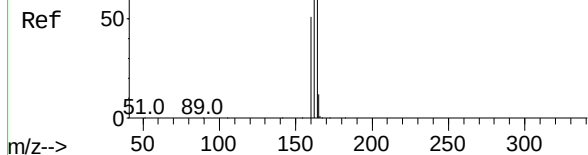
Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD



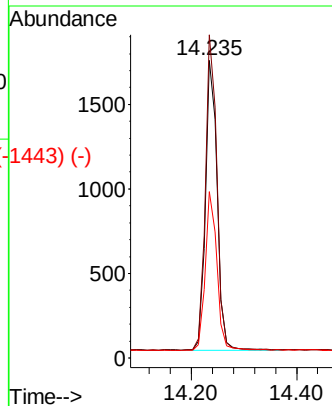
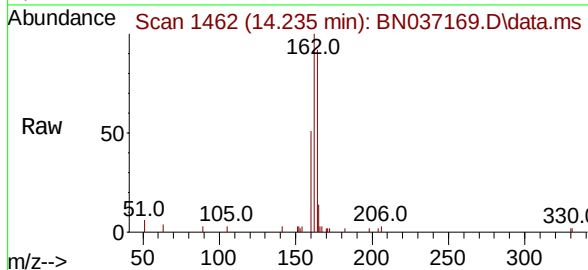
Tgt Ion:164 Resp: 2661

Ion Ratio Lower Upper

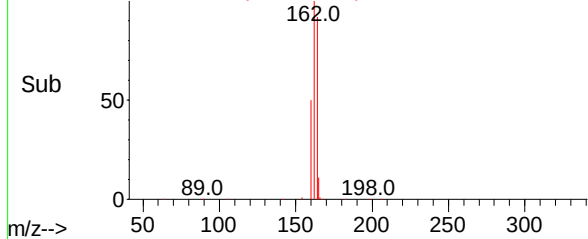
164 100

162 108.5 85.5 128.3

160 55.8 44.6 67.0



Abundance Scan 1462 (14.235 min): BN037169.D\data.ms (-1443) (-)



Abundance Scan 1600 (15.743 min): BN037145.D\data.ms (-1534) (-)

2,4,6-Tribromophenol

Concen: 0.293 ng

RT: 15.743 min Scan# 1600

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

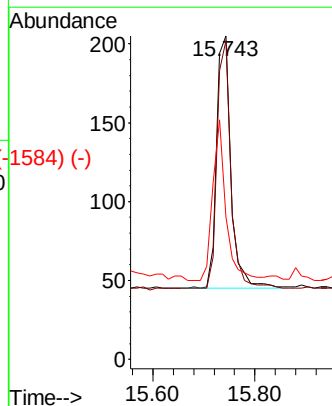
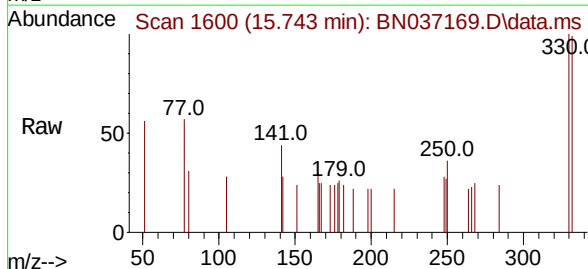
Tgt Ion:330 Resp: 314

Ion Ratio Lower Upper

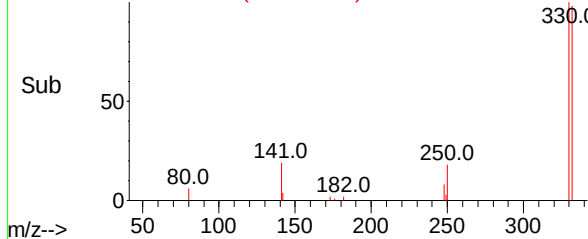
330 100

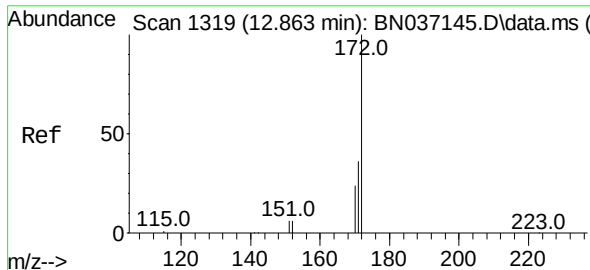
332 93.0 77.1 115.7

141 58.0 46.4 69.6



Abundance Scan 1600 (15.743 min): BN037169.D\data.ms (-1584) (-)

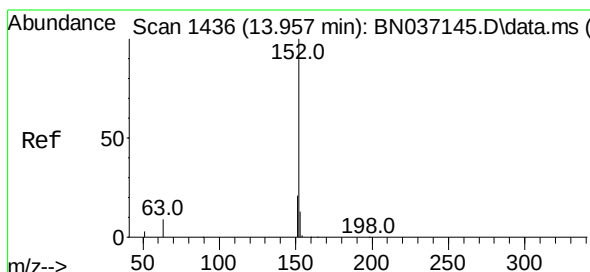
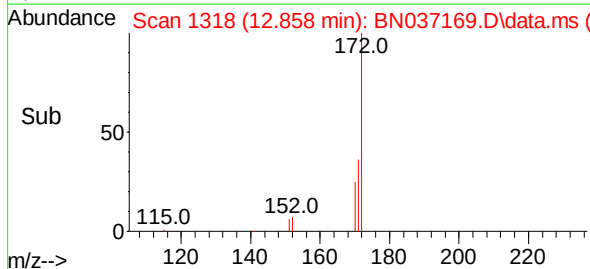
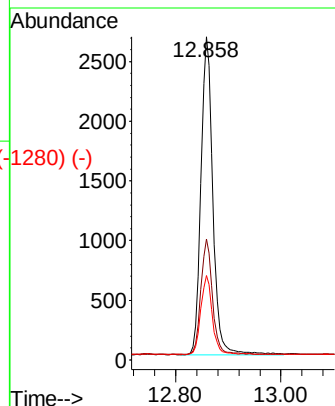
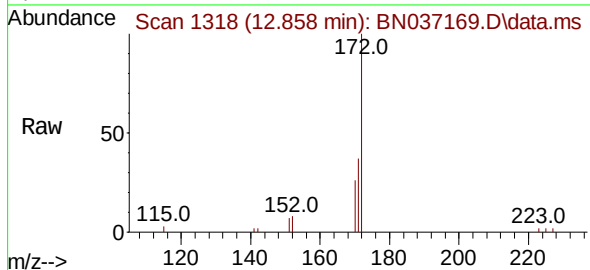




2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 12.858 min Scan# 1319
 Delta R.T. -0.005 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

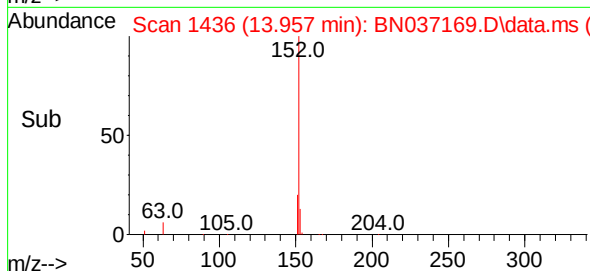
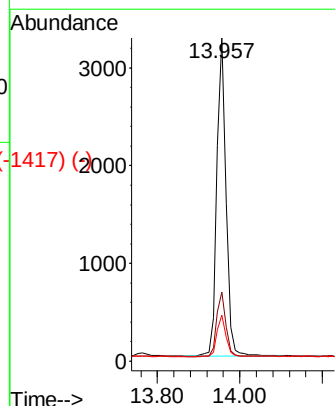
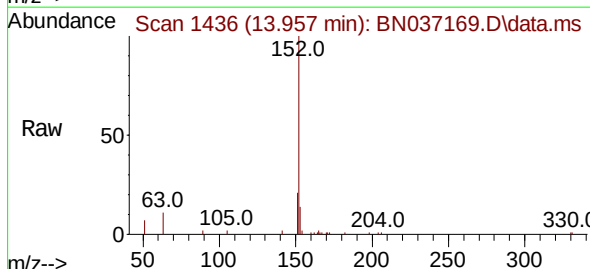
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Tgt Ion:	172	Resp:	4148
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	26.2	20.3	30.5



Acenaphthylene
 Concen: 0.392 ng
 RT: 13.957 min Scan# 1436
 Delta R.T. 0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	152	Resp:	5109
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.9	10.6	15.8



Abundance Scan 1468 (14.299 min): BN037145.D\data.ms (-1447) (-)

Acenaphthene

Concen: 0.360 ng

RT: 14.299 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Tgt Ion:154 Resp: 3052

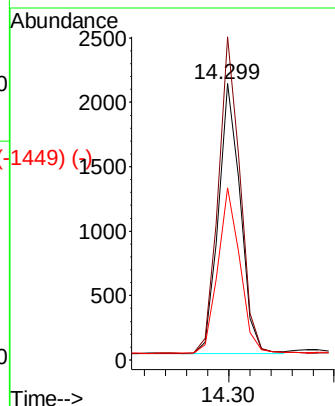
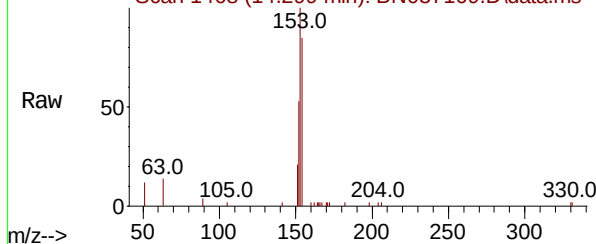
Ion Ratio Lower Upper

154 100

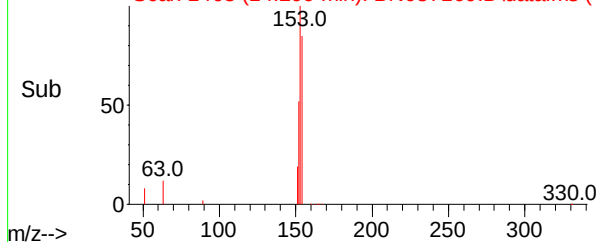
153 117.2 93.8 140.8

152 61.7 50.5 75.7

Abundance Scan 1468 (14.299 min): BN037169.D\data.ms



Abundance Scan 1468 (14.299 min): BN037169.D\data.ms (-1449) (-)



Abundance Scan 1561 (15.293 min): BN037145.D\data.ms (-1516) (-)

Fluorene

Concen: 0.349 ng

RT: 15.293 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Tgt Ion:166 Resp: 3886

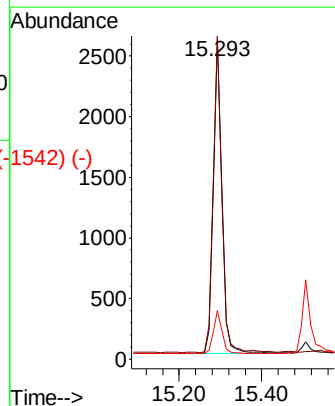
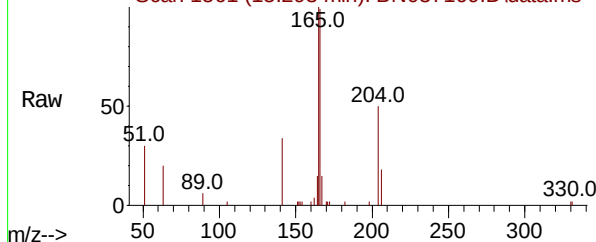
Ion Ratio Lower Upper

166 100

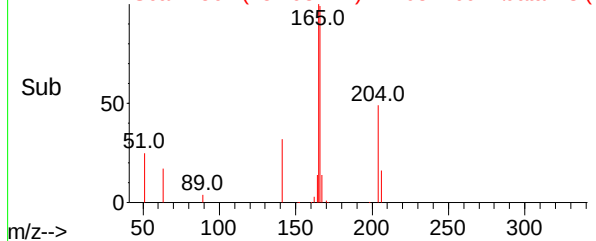
165 99.5 81.1 121.7

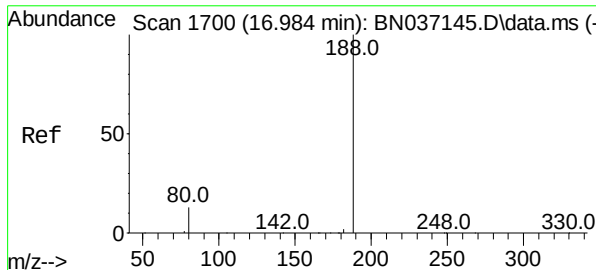
167 13.6 10.8 16.2

Abundance Scan 1561 (15.293 min): BN037169.D\data.ms



Abundance Scan 1561 (15.293 min): BN037169.D\data.ms (-1542) (-)

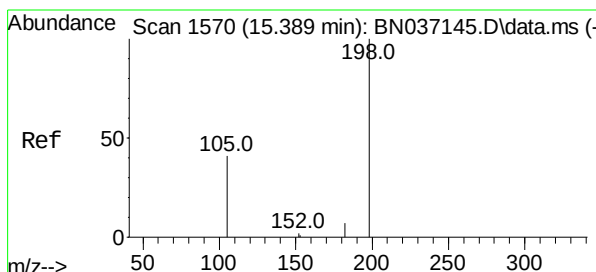
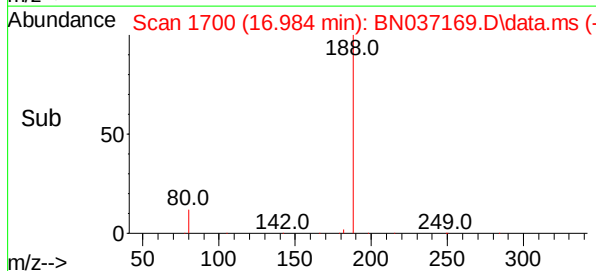
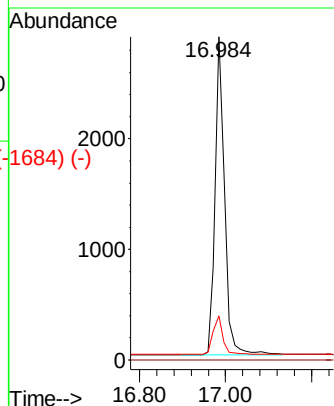
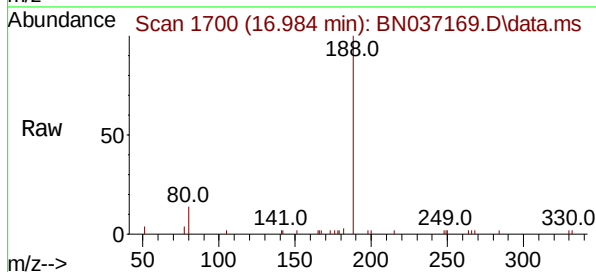




Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

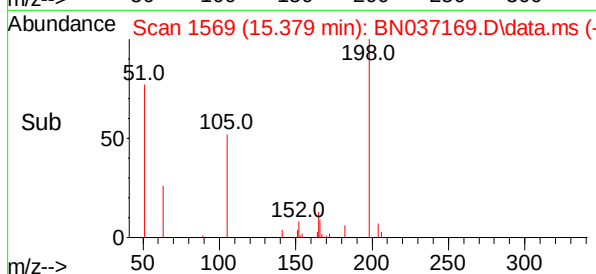
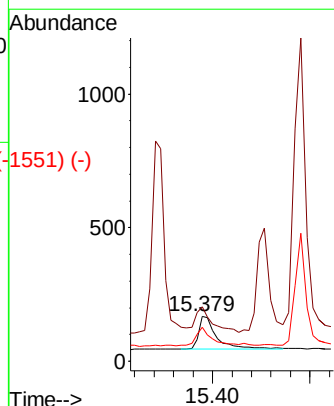
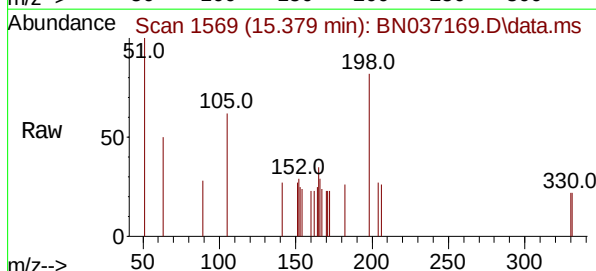
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Tgt Ion:	188	Resp:	4419
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	11.3	16.9



4,6-Dinitro-2-methylphenol
 Concen: 0.528 ng
 RT: 15.379 min Scan# 1569
 Delta R.T. -0.010 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	198	Resp:	328
Ion	Ratio	Lower	Upper
198	100		
51	121.4	125.2	187.8#
105	75.0	57.1	85.7



Abundance Scan 1636 (16.190 min): BN037145.D\data.ms (-1620) (-)

4-Bromophenyl-phenylether

Concen: 0.367 ng

RT: 16.190 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BN037169.D

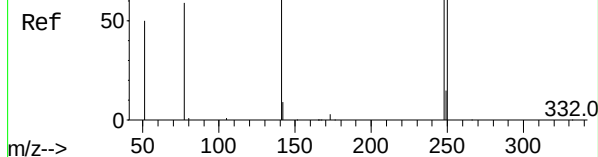
Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD



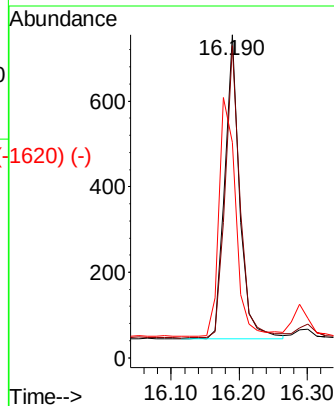
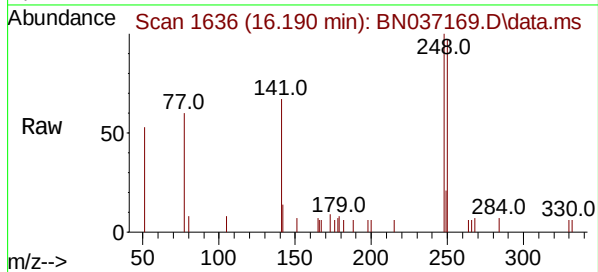
Tgt Ion:248 Resp: 1063

Ion Ratio Lower Upper

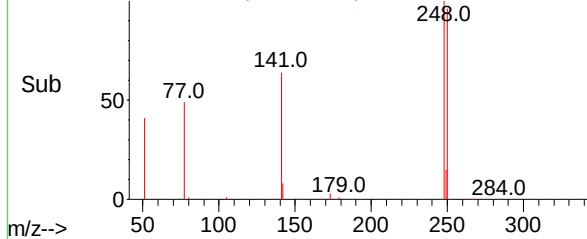
248 100

250 96.6 76.1 114.1

141 66.8 60.1 90.1



Abundance Scan 1636 (16.190 min): BN037169.D\data.ms (-1620) (-)



Abundance Scan 1645 (16.301 min): BN037145.D\data.ms (-1629) (-)

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.301 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

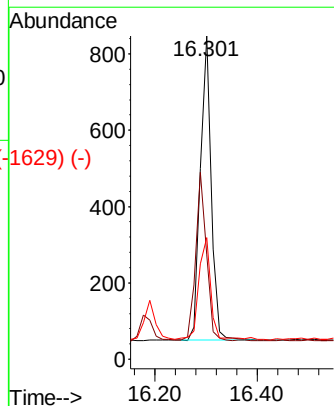
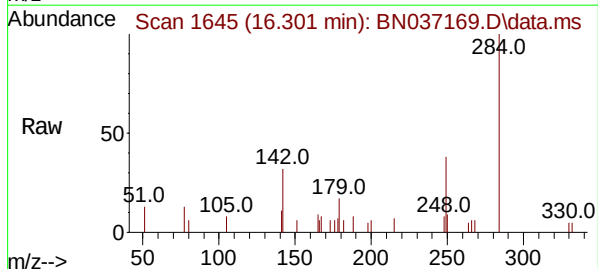
Tgt Ion:284 Resp: 1169

Ion Ratio Lower Upper

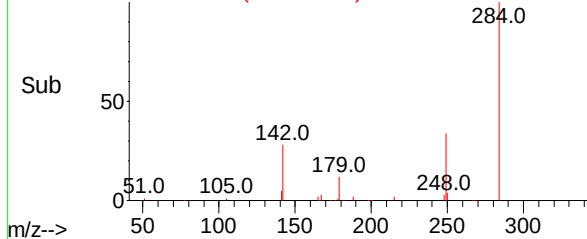
284 100

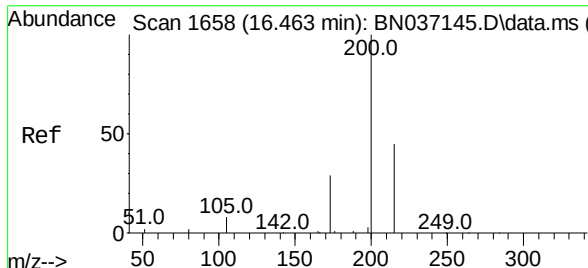
142 54.7 44.0 66.0

249 35.6 29.7 44.5



Abundance Scan 1645 (16.301 min): BN037169.D\data.ms (-1629) (-)

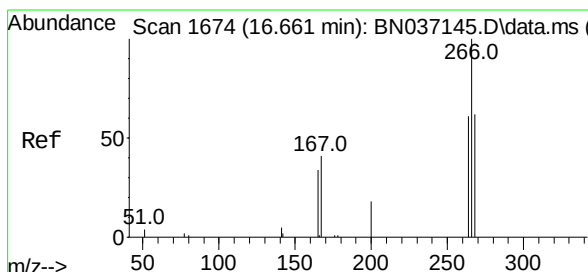
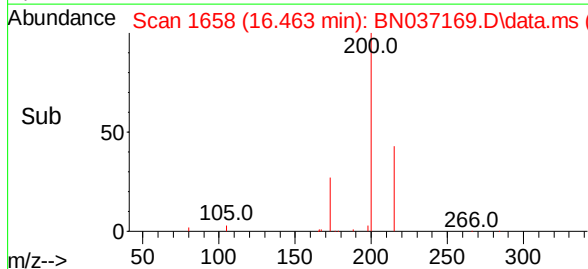
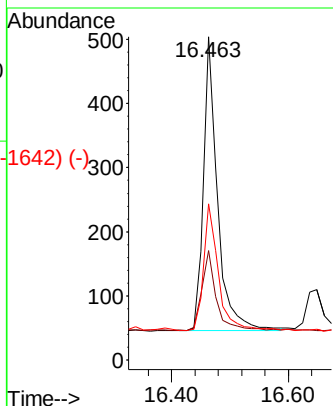
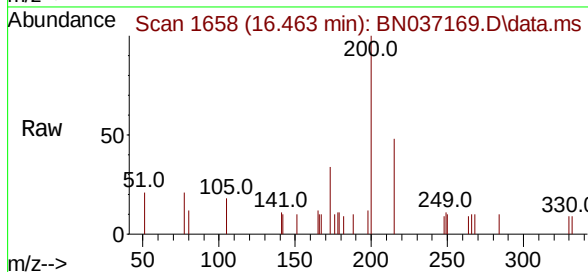




Scan 1658 (16.463 min): BN037145.D\data.ms (-1623) (-)
 Atrazine
 Concen: 0.319 ng
 RT: 16.463 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

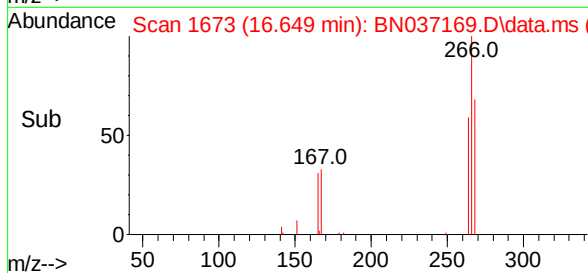
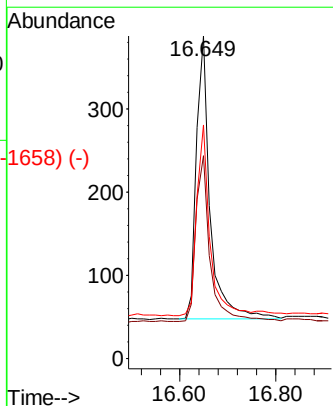
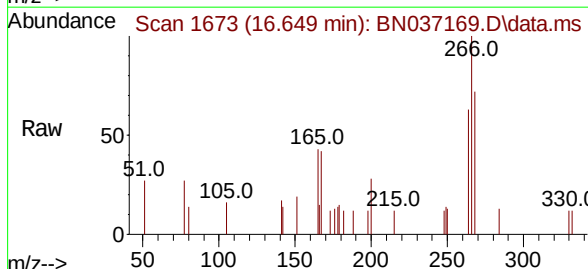
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Tgt Ion:	200	Resp:	763
Ion	Ratio	Lower	Upper
200	100		
173	33.9	28.1	42.1
215	48.4	39.3	58.9

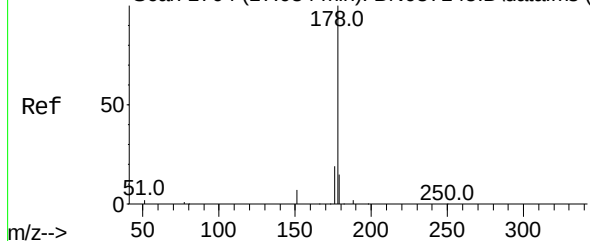


Scan 1674 (16.661 min): BN037145.D\data.ms (-1624) (-)
 Pentachlorophenol
 Concen: 0.574 ng
 RT: 16.649 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	266	Resp:	671
Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.3	73.9
268	66.2	49.0	73.4



Abundance Scan 1704 (17.034 min): BN037145.D\data.ms (-1625) (-)



Phenanthrene

Concen: 0.392 ng

RT: 17.021 min Scan# 1625

Delta R.T. -0.012 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Tgt Ion:178 Resp: 5611

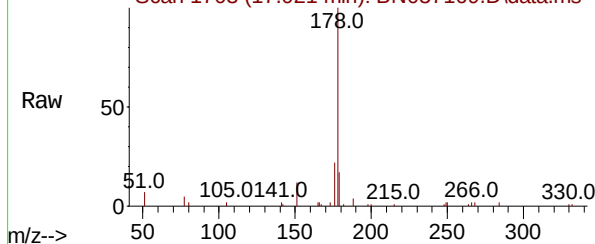
Ion Ratio Lower Upper

178 100

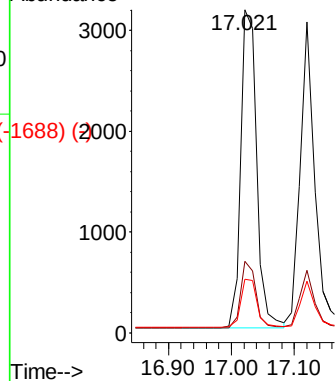
176 19.8 15.7 23.5

179 15.4 12.3 18.5

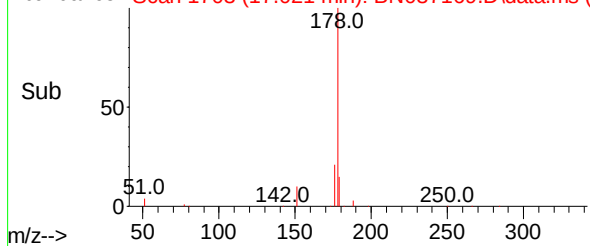
Abundance Scan 1703 (17.021 min): BN037169.D\data.ms



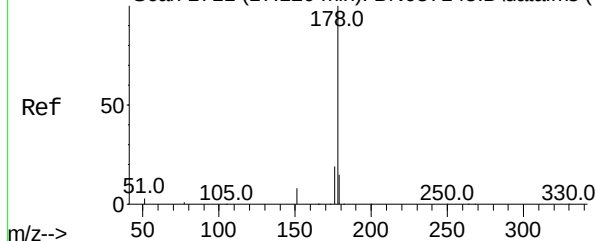
Abundance



Abundance Scan 1703 (17.021 min): BN037169.D\data.ms (-1688) (-)



Abundance Scan 1711 (17.120 min): BN037145.D\data.ms (-1728) (-)



Anthracene

Concen: 0.378 ng

RT: 17.120 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Tgt Ion:178 Resp: 4942

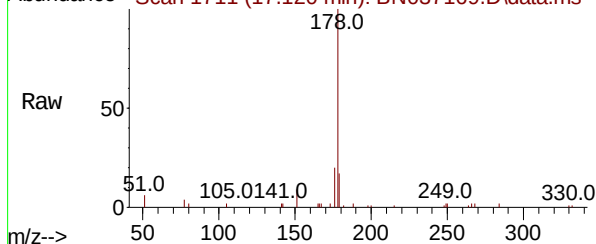
Ion Ratio Lower Upper

178 100

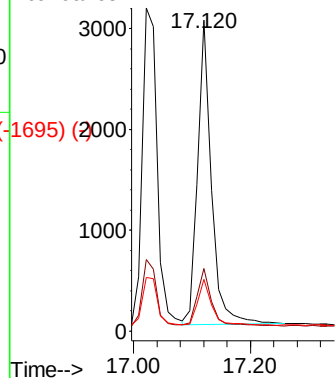
176 19.3 15.2 22.8

179 15.3 12.9 19.3

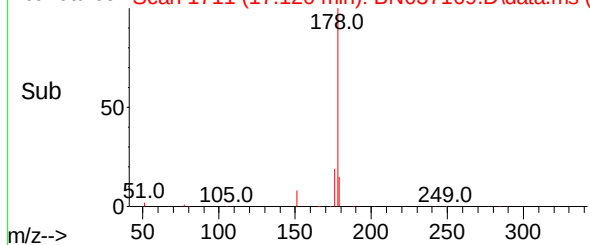
Abundance Scan 1711 (17.120 min): BN037169.D\data.ms



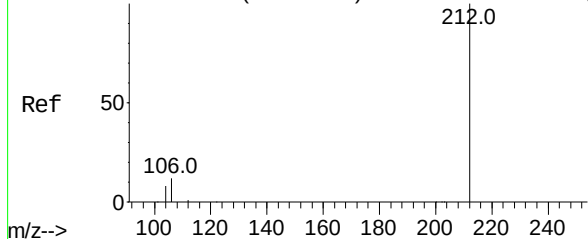
Abundance



Abundance Scan 1711 (17.120 min): BN037169.D\data.ms (-1695) (-)



Abundance Scan 1934 (19.026 min): BN037145.D\data.ms (-1927) (-)



Fluoranthene-d10

Concen: 0.297 ng

RT: 19.026 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

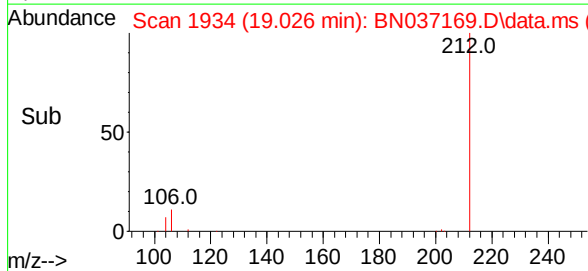
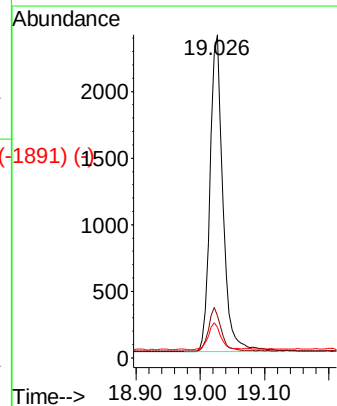
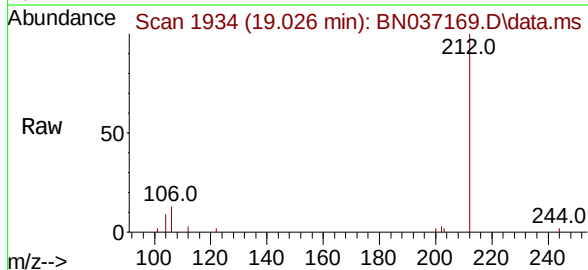
Tgt Ion:212 Resp: 3333

Ion Ratio Lower Upper

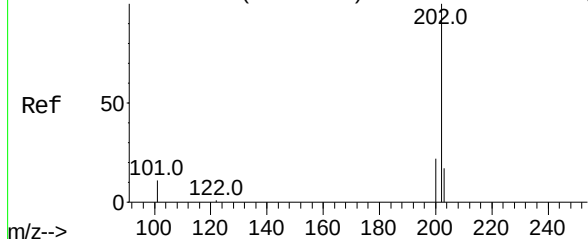
212 100

106 13.1 10.6 15.8

104 7.9 6.6 9.8



Abundance Scan 1940 (19.054 min): BN037145.D\data.ms (-1928) (-)



Fluoranthene

Concen: 0.338 ng

RT: 19.054 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

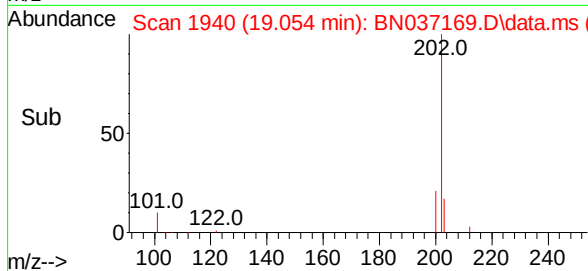
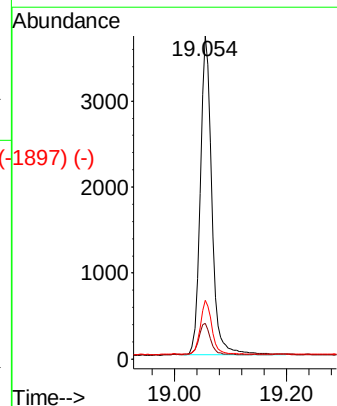
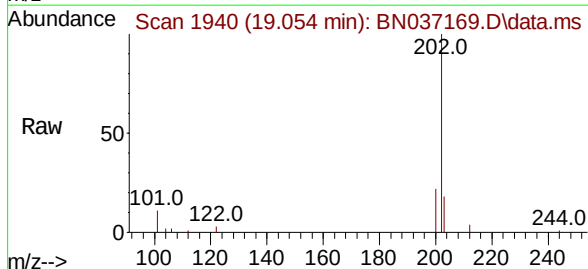
Tgt Ion:202 Resp: 5342

Ion Ratio Lower Upper

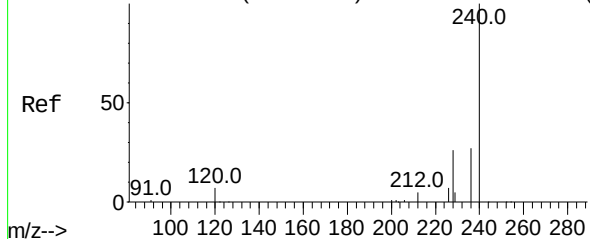
202 100

101 10.1 8.7 13.1

203 16.6 13.5 20.3



Abundance Scan 2277 (21.189 min): BN037145.D\data.ms (-2277) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

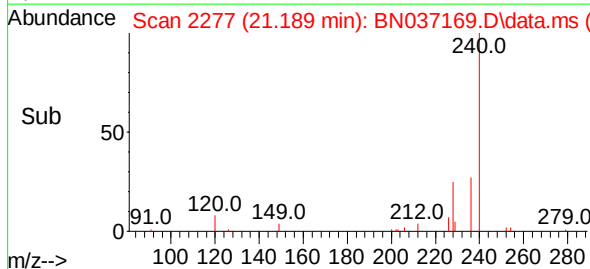
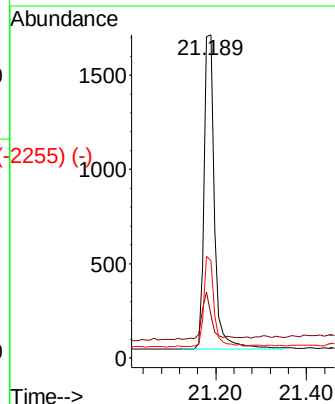
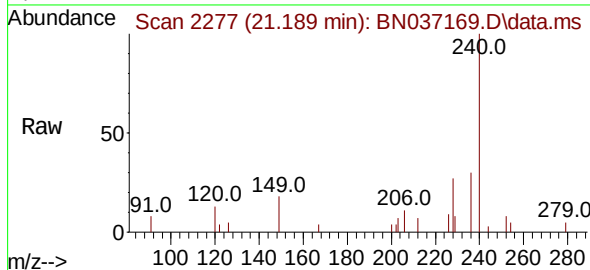
Tgt Ion:240 Resp: 2674

Ion Ratio Lower Upper

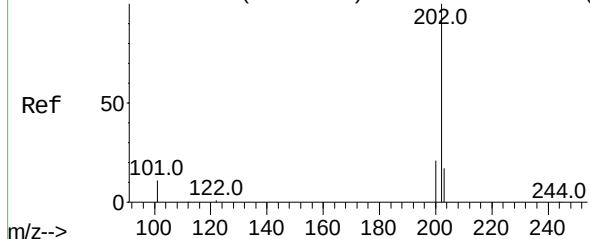
240 100

120 13.4 9.0 13.4

236 30.0 23.0 34.4



Abundance Scan 2018 (19.416 min): BN037145.D\data.ms (-2018) (-)



Pyrene

Concen: 0.403 ng

RT: 19.416 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

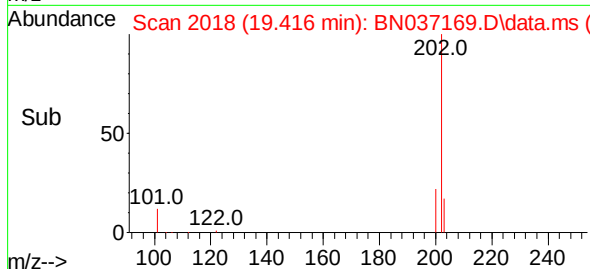
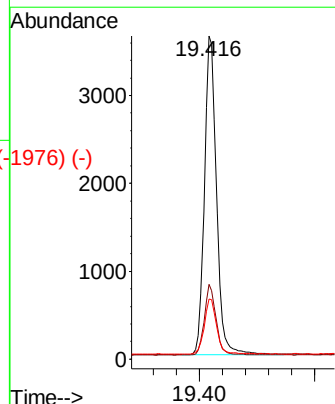
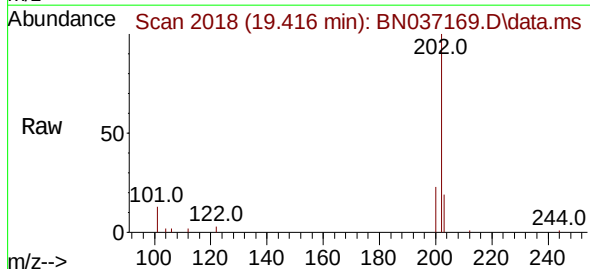
Tgt Ion:202 Resp: 5262

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.8 14.2 21.4



Abundance Scan 2065 (19.635 min): BN037145.D\data.ms (-2035) (-)

Terphenyl-d14

Concen: 0.358 ng

RT: 19.630 min Scan# 2065

Delta R.T. -0.005 min

Lab File: BN037169.D

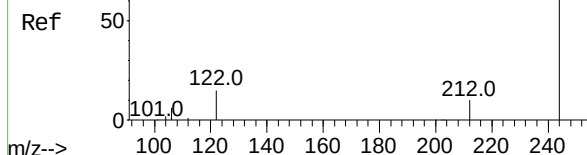
Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD



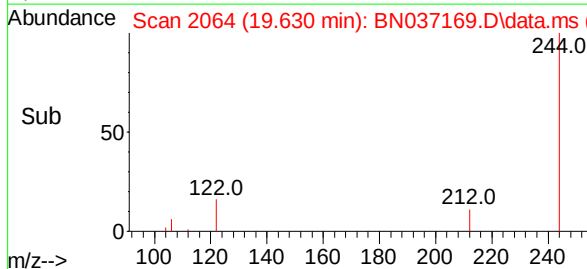
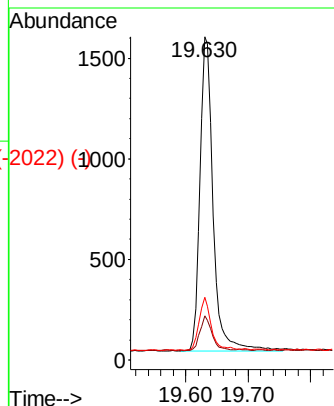
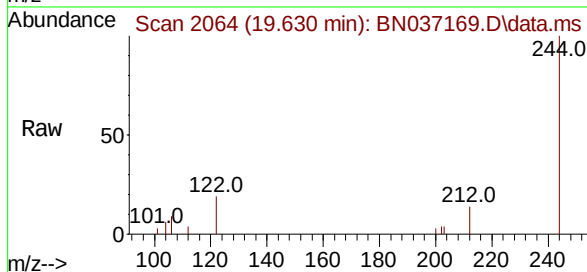
Tgt Ion:244 Resp: 2256

Ion Ratio Lower Upper

244 100

212 13.6 10.0 15.0

122 19.4 13.2 19.8



Abundance Scan 2275 (21.171 min): BN037145.D\data.ms (-2232) (-)

Benzo(a)anthracene

Concen: 0.408 ng

RT: 21.171 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

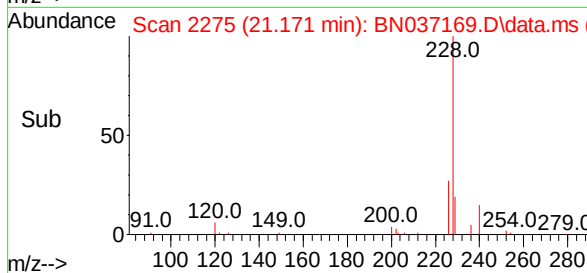
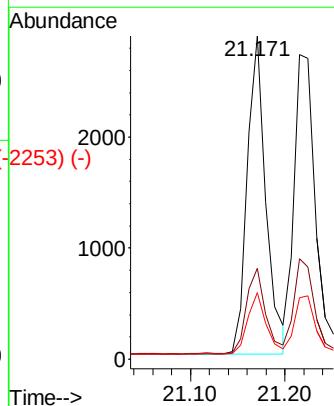
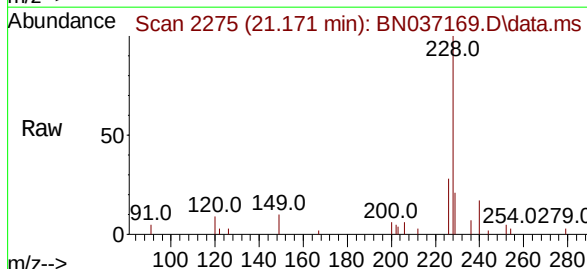
Tgt Ion:228 Resp: 3952

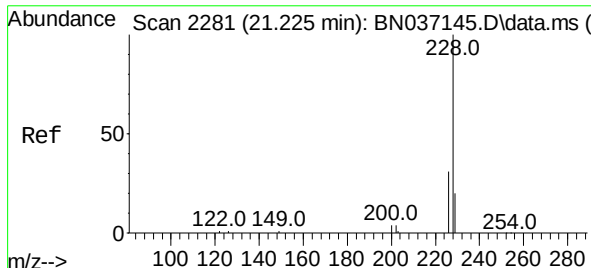
Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 20.7 16.2 24.2

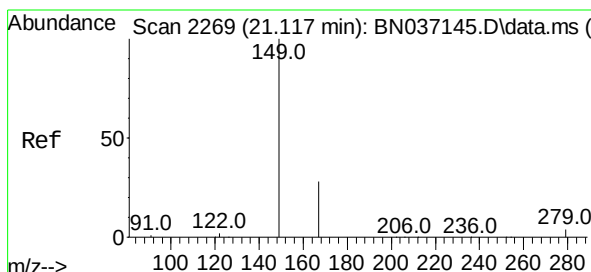
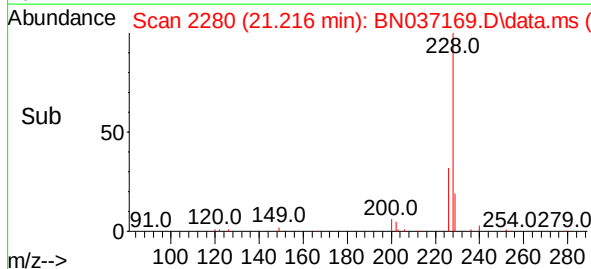
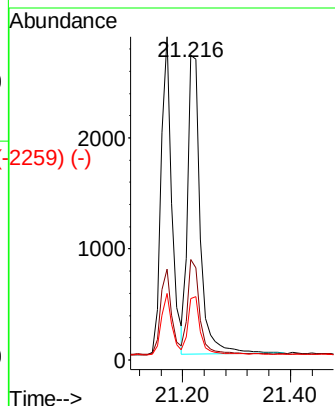
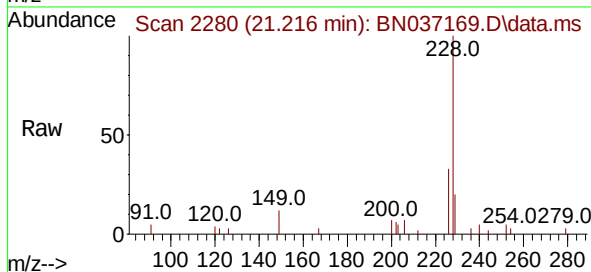




Scan 2281 (21.225 min): BN037145.D\data.ms (-2281) (-)
 Chrysene
 Concen: 0.407 ng
 RT: 21.216 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

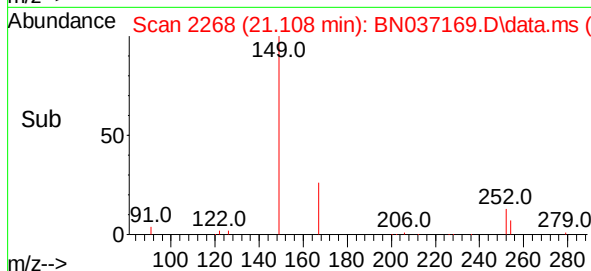
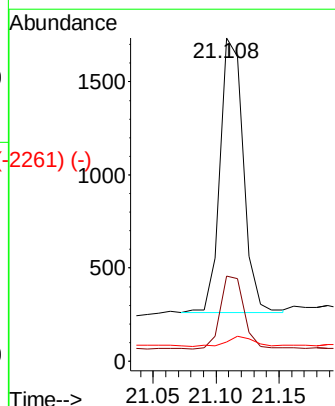
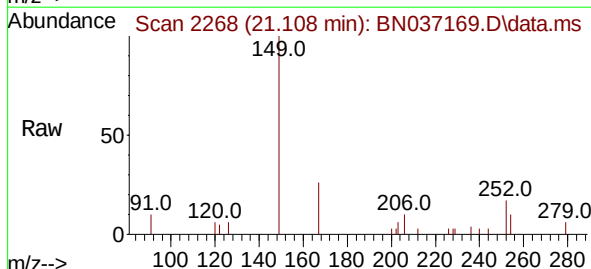
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BSD

Tgt Ion:	228	Resp:	4391
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.2	37.8
229	20.1	16.8	25.2



Scan 2269 (21.117 min): BN037145.D\data.ms (-2269) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.311 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037169.D
 Acq: 04 Jun 2025 13:03

Tgt Ion:	149	Resp:	1898
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	4.4	2.9	4.3#



Abundance Scan 2745 (23.377 min): BN037145.D\data.ms (-2745) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Tgt Ion:264 Resp: 2551

Ion Ratio Lower Upper

264 100

260 27.3 22.1 33.1

265 83.3 55.8 83.8

Abundance Scan 2745 (23.377 min): BN037169.D\data.ms

Ref 50

Raw 50

Sub 50

125.0

264.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2745 (23.377 min): BN037169.D\data.ms (-2677) (-)

Ref 50

Raw 50

Sub 50

125.0

264.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.377

1000

500

0

Time-->

23.30 23.40

Abundance Scan 3496 (25.573 min): BN037145.D\data.ms (-3496) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng

RT: 25.573 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Tgt Ion:276 Resp: 4667

Ion Ratio Lower Upper

276 100

138 26.5 21.0 31.6

277 24.6 19.4 29.2

Abundance Scan 3496 (25.573 min): BN037169.D\data.ms

Ref 50

Raw 50

Sub 50

138.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.573

1000

500

0

Time-->

25.40 25.60

Abundance Scan 3496 (25.573 min): BN037169.D\data.ms (-3410) (-)

Ref 50

Raw 50

Sub 50

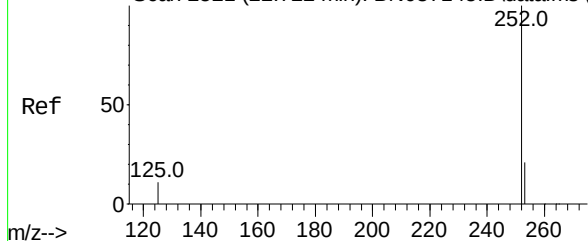
138.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 2521 (22.722 min): BN037145.D\data.ms (-2537) (-)



Benzo(b)fluoranthene

Concen: 0.367 ng

RT: 22.722 min Scan# 2521

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

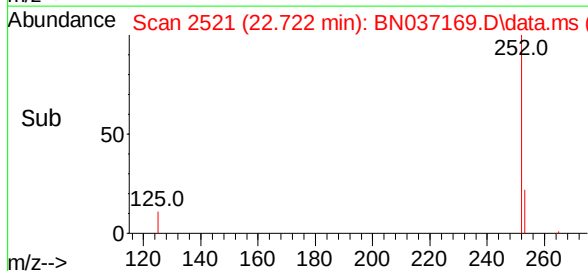
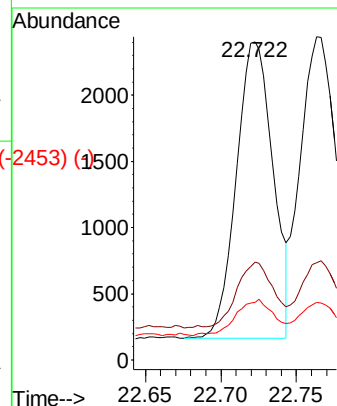
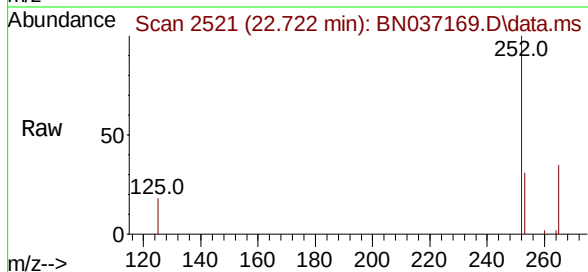
Tgt Ion:252 Resp: 3779

Ion Ratio Lower Upper

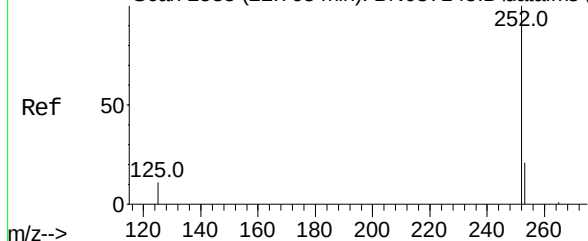
252 100

253 30.8 22.3 33.5

125 18.2 13.2 19.8



Abundance Scan 2535 (22.763 min): BN037145.D\data.ms (-2528) (-)



Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 22.763 min Scan# 2535

Delta R.T. 0.000 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

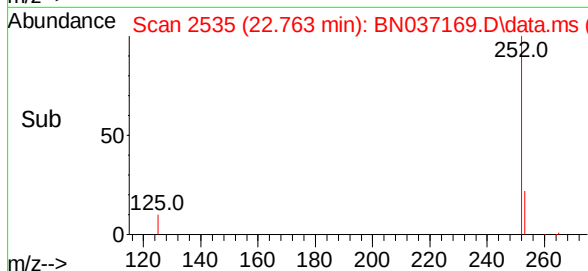
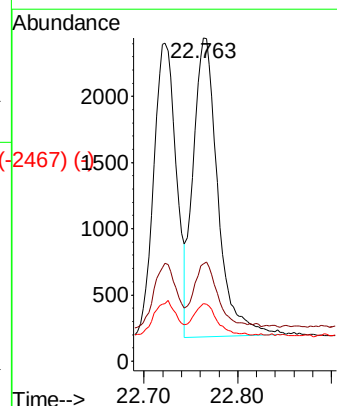
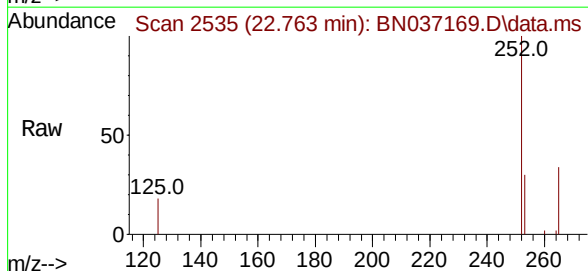
Tgt Ion:252 Resp: 4120

Ion Ratio Lower Upper

252 100

253 30.0 22.2 33.4

125 17.8 13.2 19.8



Abundance Scan 2712 (23.281 min): BN037145.D\data.ms (-2639) (-)

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.284 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Tgt Ion:252 Resp: 3526

Ion Ratio Lower Upper

252 100

253 34.7 25.0 37.4

125 23.2 17.0 25.6

Abundance Scan 2713 (23.284 min): BN037169.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2713 (23.284 min): BN037169.D\data.ms (-2644) (-)

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.284

1500

1000

500

0

Time-->

23.20 23.30

Abundance Scan 3501 (25.588 min): BN037145.D\data.ms (-3479) (-)

Dibenzo(a,h)anthracene

Concen: 0.457 ng

RT: 25.591 min Scan# 3502

Delta R.T. 0.003 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

Tgt Ion:278 Resp: 3574

Ion Ratio Lower Upper

278 100

139 22.7 17.6 26.4

279 33.6 26.0 39.0

Abundance Scan 3502 (25.591 min): BN037169.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3502 (25.591 min): BN037169.D\data.ms (-3415) (-)

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.591

1000

800

600

400

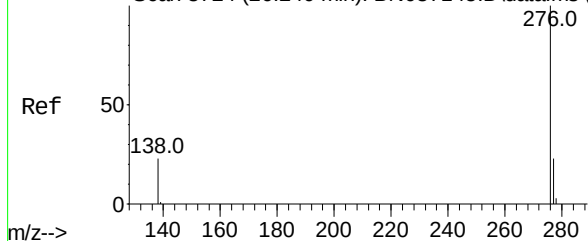
200

0

Time-->

25.60

Abundance Scan 3724 (26.240 min): BN037145.D\data.ms (-3690) (-)



Benzo(g,h,i)perylene

Concen: 0.437 ng

RT: 26.243 min Scan# 3690

Delta R.T. 0.003 min

Lab File: BN037169.D

Acq: 04 Jun 2025 13:03

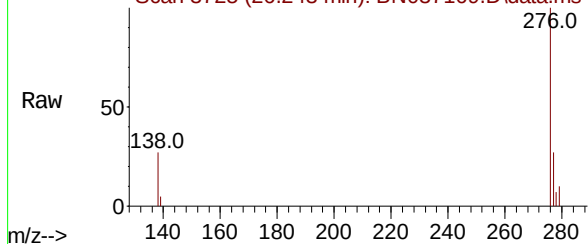
Instrument :

BNA_N

ClientSampleId :

PB168238BSD

Abundance Scan 3725 (26.243 min): BN037169.D\data.ms



Tgt Ion:276 Resp: 3931

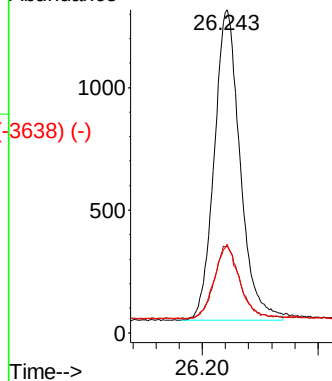
Ion Ratio Lower Upper

276 100

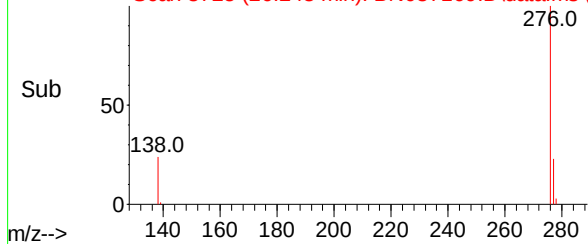
277 27.0 20.9 31.3

138 27.5 20.8 31.2

Abundance



Abundance Scan 3725 (26.243 min): BN037169.D\data.ms (-3638) (-)



Time-->