

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029125.D
 Acq On : 08 Dec 2023 12:55
 Operator : MA/JU
 Sample : PB157235BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157235BS

Quant Time: Dec 08 13:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

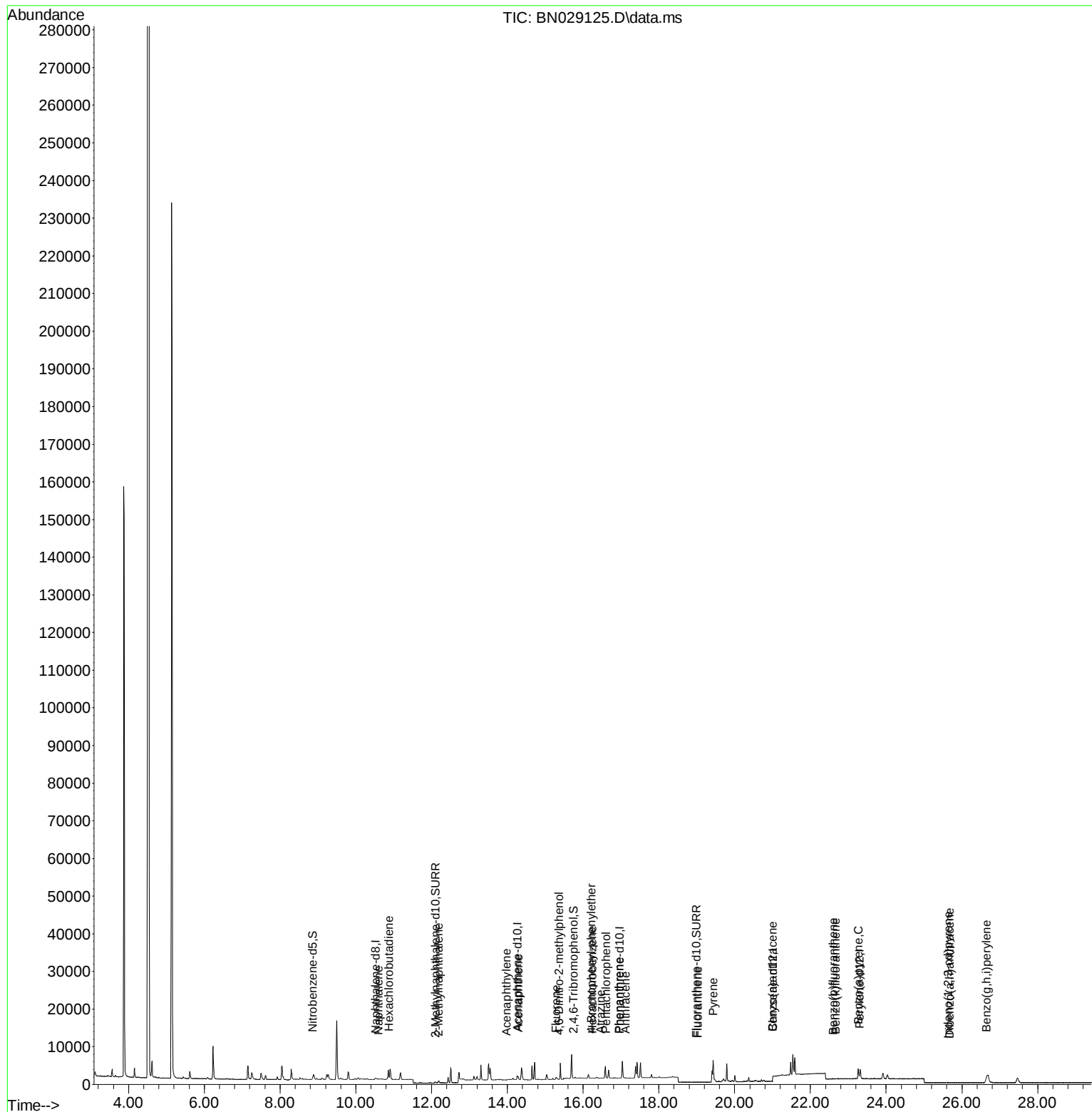
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.78
7) Naphthalene-d8	10.530	136	29	0.400	ng	#-0.03
13) Acenaphthene-d10	14.268	164	18	0.400	ng	#-0.13
19) Phenanthrene-d10	16.973	188	1	0.400	ng	#-0.17
29) Chrysene-d12	21.015	240	109	0.400	ng	#-0.33
35) Perylene-d12	23.304	264	6	0.400	ng	#-0.37
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1	0.000	ng	0.01
5) Phenol-d6	6.966	99	7	0.000	ng	-0.01
8) Nitrobenzene-d5	8.865	82	22	0.629	ng	-0.07
11) 2-Methylnaphthalene-d10	12.102	152	4	0.066	ng	-0.05
14) 2,4,6-Tribromophenol	15.756	330	1	0.050	ng	-0.14
15) 2-Fluorobiphenyl	12.900	172	1	0.011	ng	-0.13
27) Fluoranthene-d10	18.995	212	18	5.728	ng	-0.19
31) Terphenyl-d14	19.487	244	3	0.011	ng	-0.31
Target Compounds						
						Qvalue
9) Naphthalene	10.594	128	6	0.066	ng	# 1
10) Hexachlorobutadiene	10.872	225	1	0.025	ng	# 1
12) 2-Methylnaphthalene	12.185	142	885	12.033	ng	# 34
16) Acenaphthylene	13.979	152	8	0.081	ng	# 1
17) Acenaphthene	14.289	154	44	0.708	ng	# 57
18) Fluorene	15.284	166	325	3.277	ng	# 14
20) 4,6-Dinitro-2-methylph...	15.369	198	6	19.887	ng	# 1
21) 4-Bromophenyl-phenylether	16.216	248	2	2.212	ng	# 59
22) Hexachlorobenzene	16.240	284	18	17.494	ng	# 90
23) Atrazine	16.464	200	5	6.265	ng	# 1
24) Pentachlorophenol	16.613	266	12	21.313	ng	# 19
25) Phenanthrene	16.960	178	25	7.489	ng	# 83
26) Anthracene	17.122	178	13	4.028	ng	# 53
28) Fluoranthene	19.023	202	2	0.436	ng	# 1
30) Pyrene	19.432	202	5302	7.847	ng	100
32) Benzo(a)anthracene	21.007	228	98	0.177	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.634	276	6	0.196	ng	# 1
37) Benzo(b)fluoranthene	22.608	252	3	0.093	ng	# 1
38) Benzo(k)fluoranthene	22.661	252	4	0.132	ng	# 1
39) Benzo(a)pyrene	23.263	252	3874	145.319	ng	# 93
40) Dibenzo(a,h)anthracene	25.669	278	5	0.212	ng	# 1
41) Benzo(g,h,i)perylene	26.652	276	4011	155.392	ng	# 90

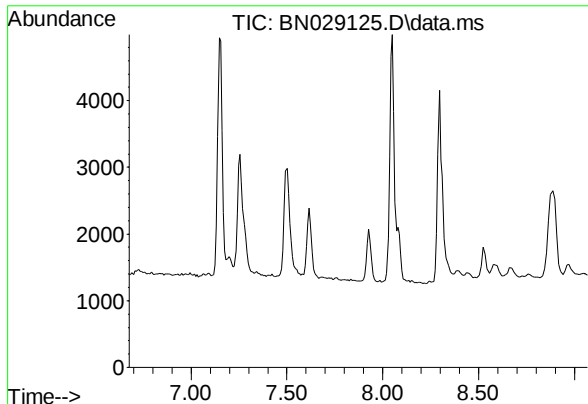
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
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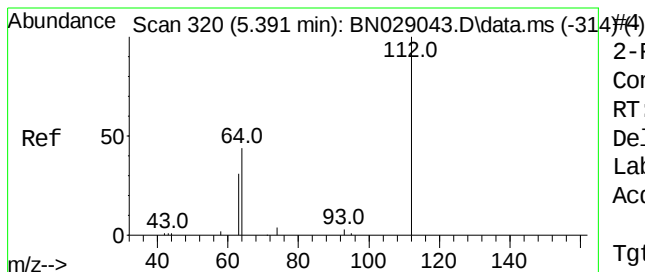
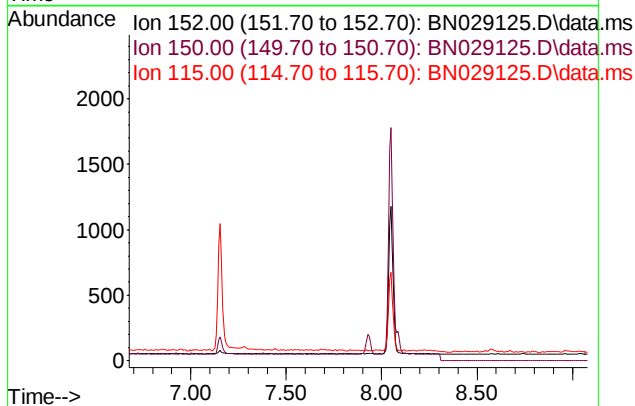




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.78 min
 Lab File: BN029125.D
 Acq: 08 Dec 2023 12:55

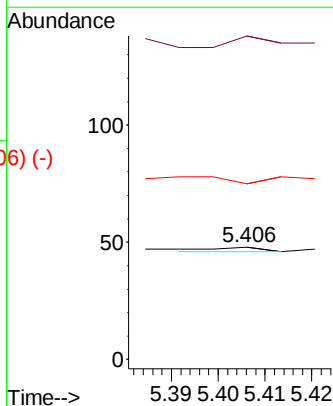
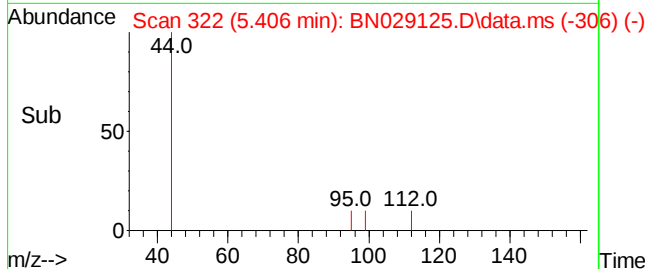
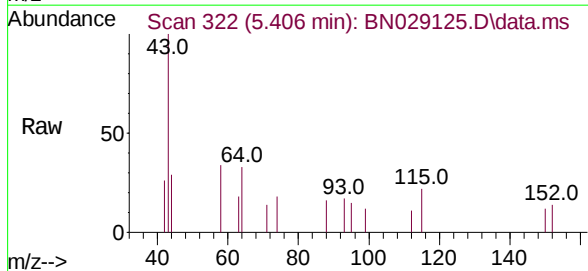
Instrument :
 BNA_N
 ClientSampleId :
 PB157235BS

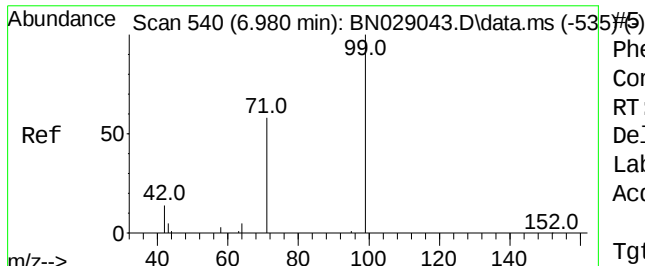
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 145.3
 115 56.4



2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.015 min
 Lab File: BN029125.D
 Acq: 08 Dec 2023 12:55

Tgt Ion: 112 Resp: 1
 Ion Ratio Lower Upper
 112 100
 64 0.0 37.0 55.6#
 63 0.0 29.0 43.6#





Phenol-d6

Concen: 0.000 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.014 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS

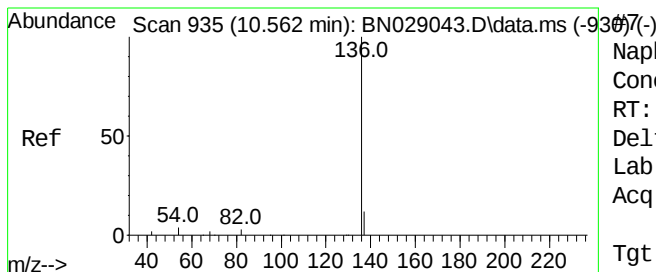
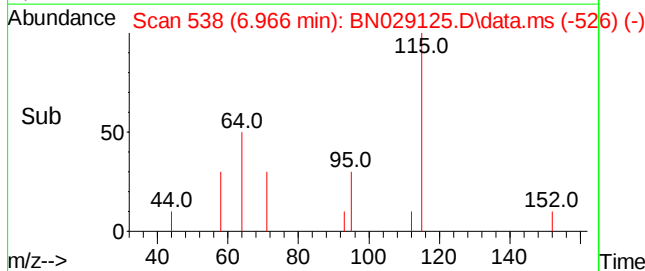
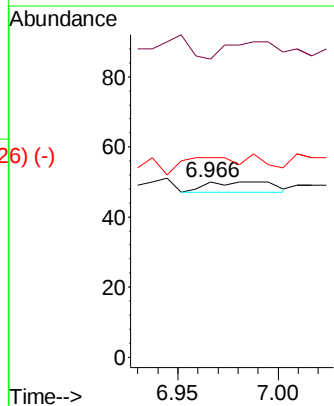
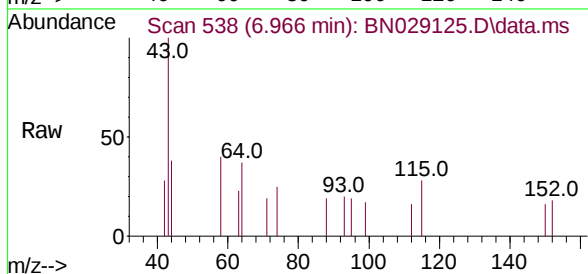
Tgt Ion: 99 Resp: 7

Ion Ratio Lower Upper

99 100

42 85.7 13.4 20.2#

71 142.9 47.8 71.6#



Naphthalene-d8

Concen: 0.400 ng

RT: 10.530 min Scan# 932

Delta R.T. -0.032 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Tgt Ion: 136 Resp: 29

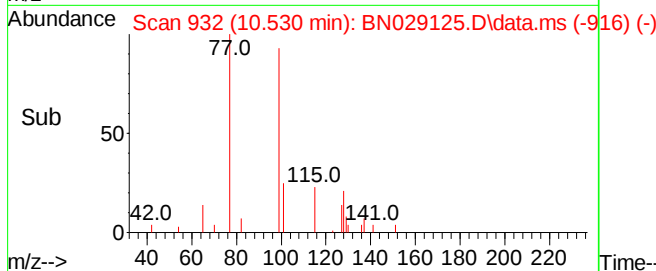
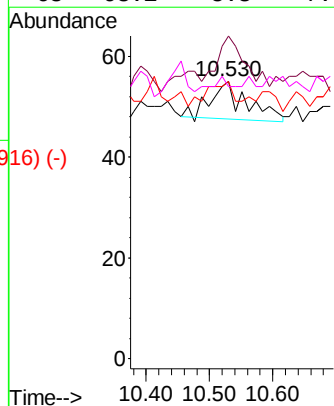
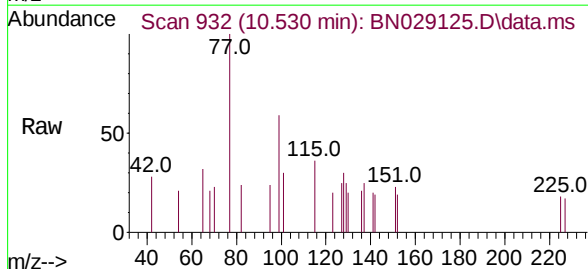
Ion Ratio Lower Upper

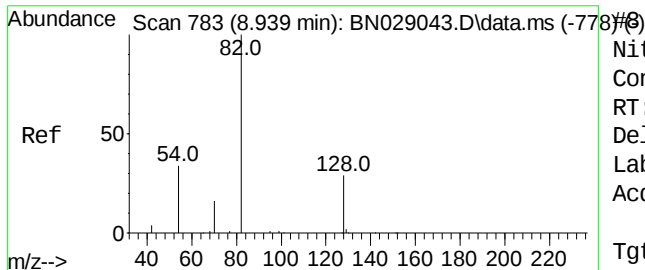
136 100

137 116.4 11.9 17.9#

54 100.0 6.4 9.6#

68 98.2 5.3 7.9#





Nitrobenzene-d5

Concen: 0.629 ng

RT: 8.865 min Scan#

Delta R.T. -0.075 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

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PB157235BS

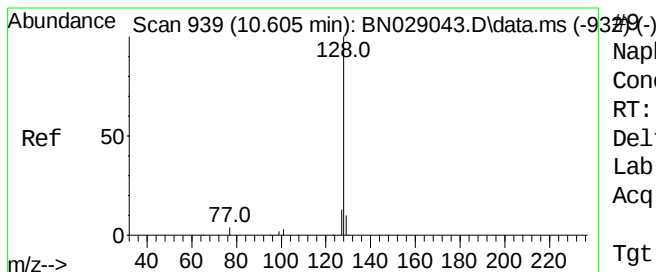
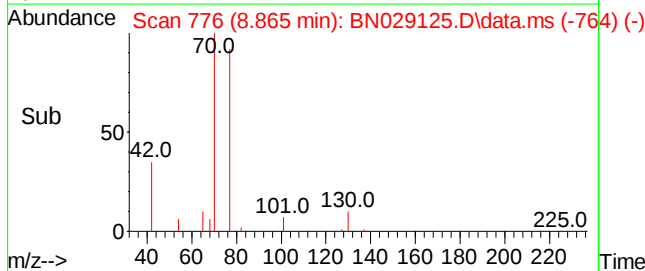
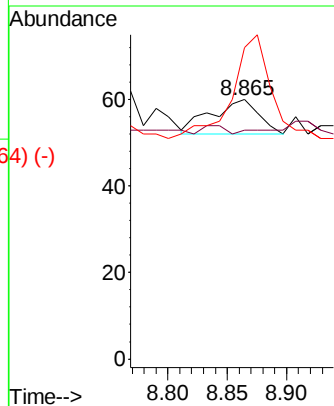
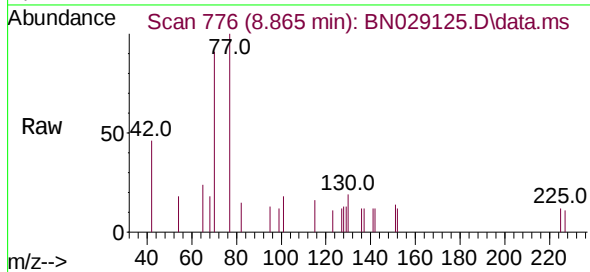
Tgt Ion: 82 Resp: 22

Ion Ratio Lower Upper

82 100

128 88.3 28.2 42.4#

54 120.0 32.1 48.1#



Naphthalene

Concen: 0.066 ng

RT: 10.594 min Scan# 938

Delta R.T. -0.011 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

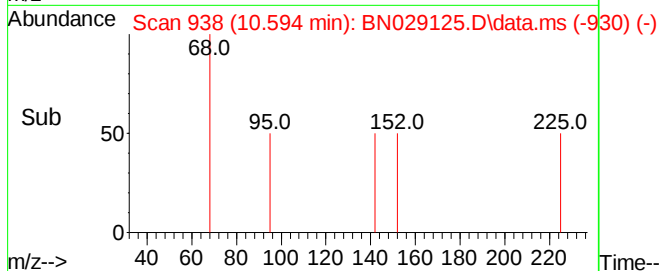
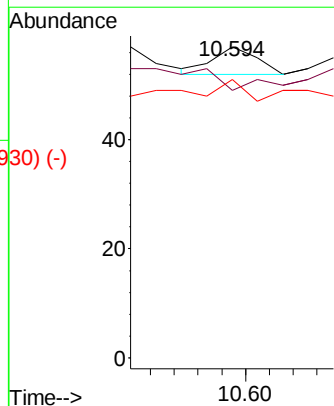
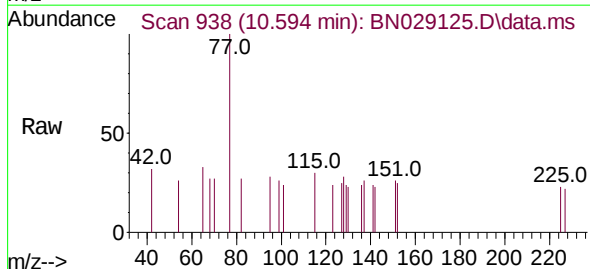
Tgt Ion: 128 Resp: 6

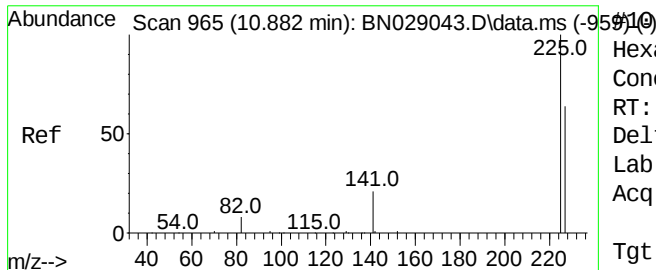
Ion Ratio Lower Upper

128 100

129 86.0 10.5 15.7#

127 89.5 12.5 18.7#





Hexachlorobutadiene

Concen: 0.025 ng

RT: 10.872 min Scan# 965

Delta R.T. -0.010 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS

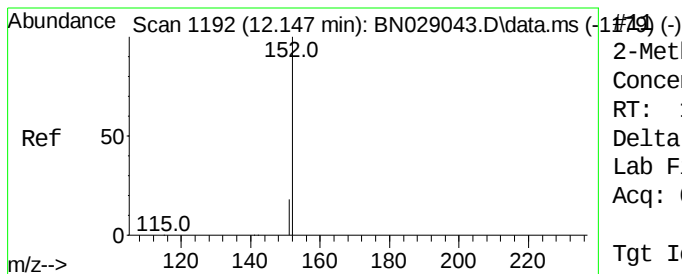
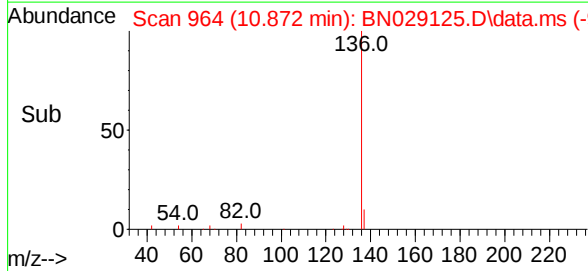
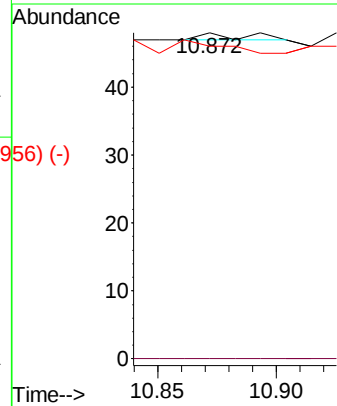
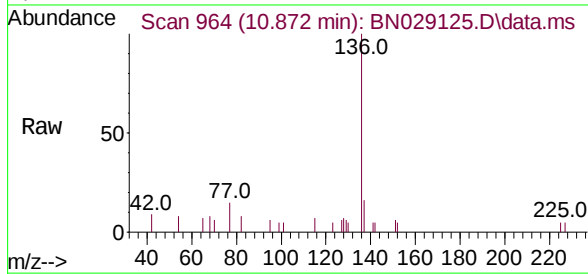
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 300.0 50.7 76.1#



2-Methylnaphthalene-d10

Concen: 0.066 ng

RT: 12.102 min Scan# 1180

Delta R.T. -0.045 min

Lab File: BN029125.D

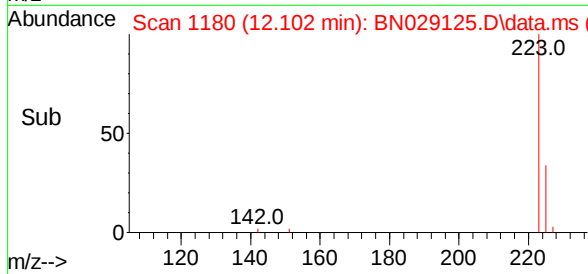
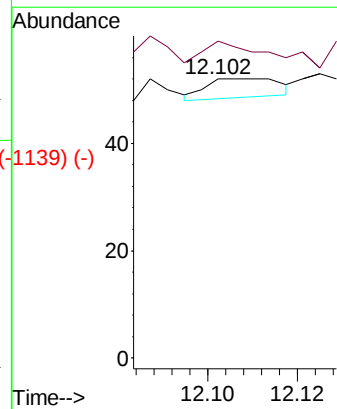
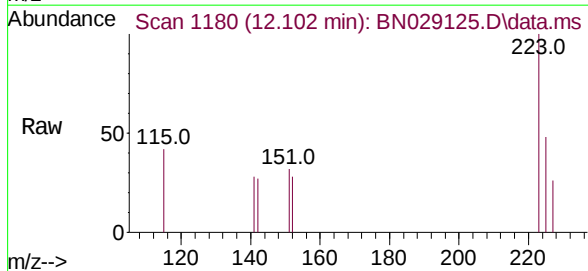
Acq: 08 Dec 2023 12:55

Tgt Ion:152 Resp: 4

Ion Ratio Lower Upper

152 100

151 175.0 17.4 26.0#



Abundance Scan 1212 (12.223 min): BN029043.D\data.ms (-1198) (-)

2-Methylnaphthalene

Concen: 12.033 ng

RT: 12.185 min Scan# 1198

Delta R.T. -0.038 min

Lab File: BN029125.D

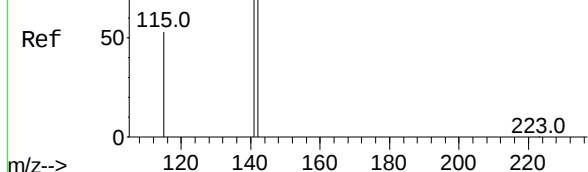
Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS



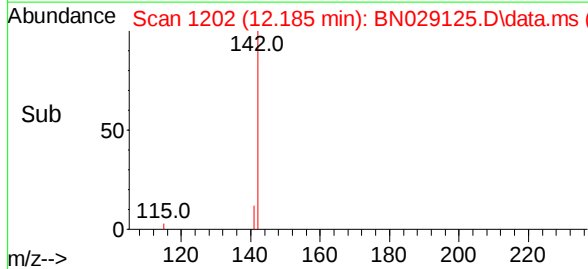
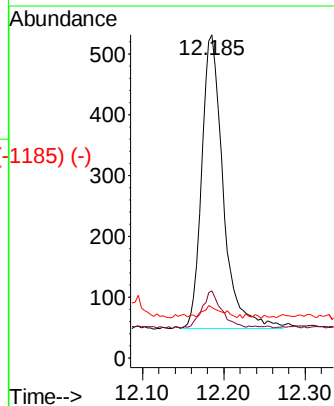
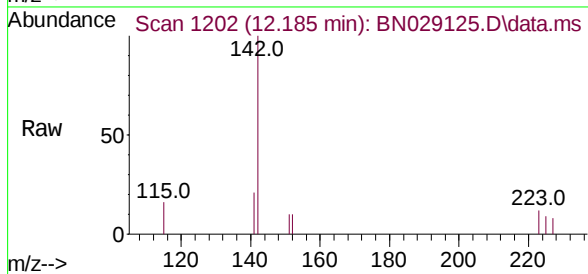
Tgt Ion:142 Resp: 885

Ion Ratio Lower Upper

142 100

141 20.7 71.1 106.7#

115 15.6 44.6 66.8#



Abundance Scan 1498 (14.396 min): BN029043.D\data.ms (-1412) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.268 min Scan# 1486

Delta R.T. -0.128 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

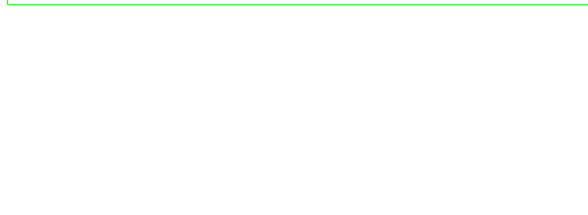
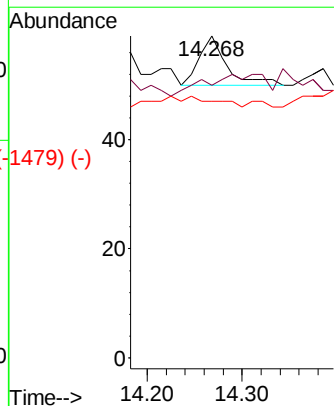
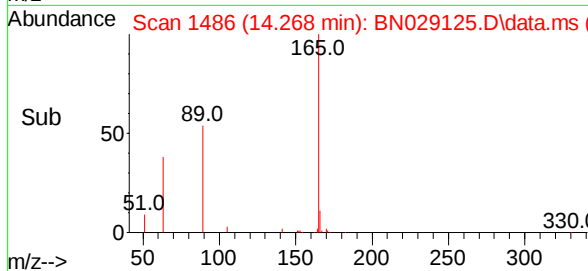
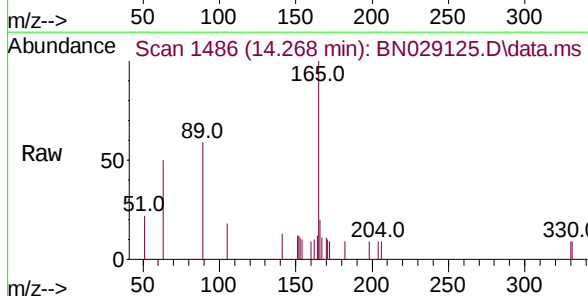
Tgt Ion:164 Resp: 18

Ion Ratio Lower Upper

164 100

162 84.7 85.0 127.6#

160 79.7 41.3 61.9#



Abundance Scan 1633 (15.893 min): BN029043.D\data.ms (-1629) (-)

2,4,6-Tribromophenol

Concen: 0.050 ng

RT: 15.756 min Scan# 1629

Delta R.T. -0.136 min

Lab File: BN029125.D

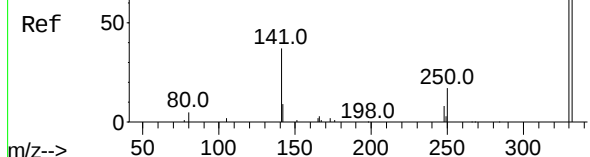
Acq: 08 Dec 2023 12:55

Instrument :

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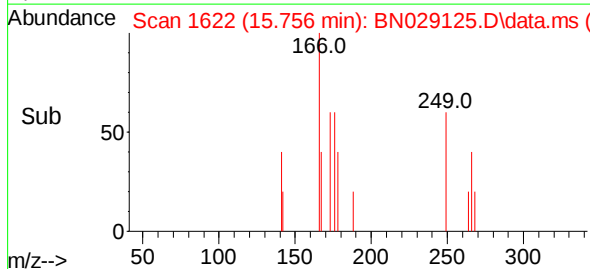
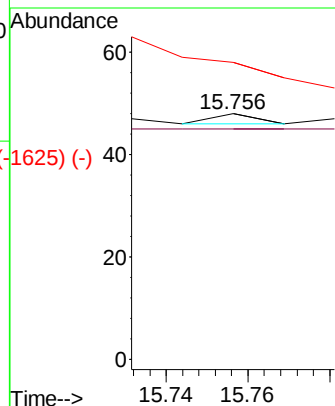
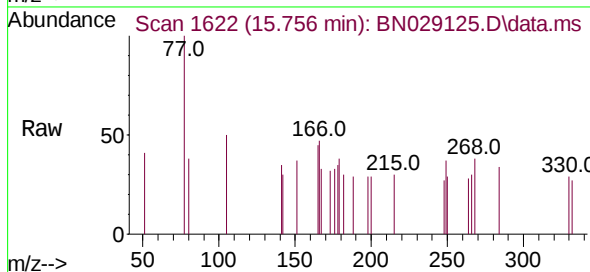
Tgt Ion:330 Resp: 1

Ion Ratio Lower Upper

330 100

332 0.0 78.8 118.2#

141 0.0 28.7 43.1#



Abundance Scan 1370 (13.028 min): BN029043.D\data.ms (-1365) (-)

2-Fluorobiphenyl

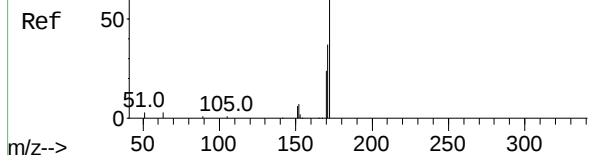
Concen: 0.011 ng

RT: 12.900 min Scan# 1358

Delta R.T. -0.128 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55



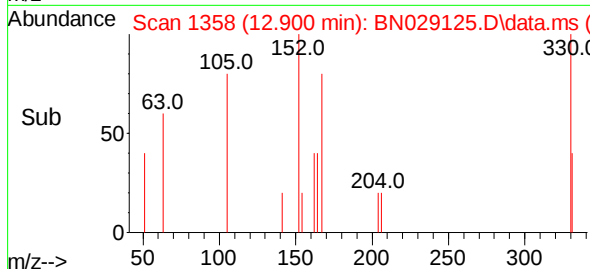
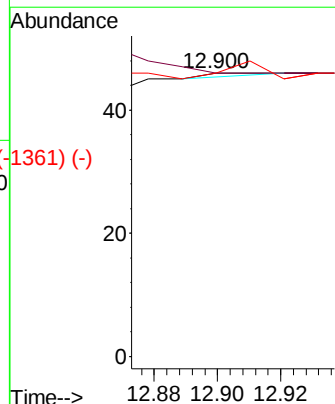
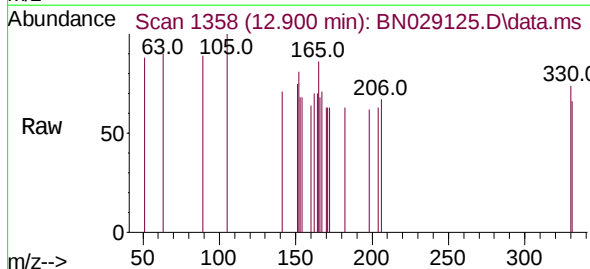
Tgt Ion:172 Resp: 1

Ion Ratio Lower Upper

172 100

171 100.0 30.1 45.1#

170 100.0 20.3 30.5#



Abundance Scan 1472 (14.118 min): BN029043.D\data.ms (-1453) (-)

Acenaphthylene

Concen: 0.081 ng

RT: 13.979 min Scan# 1459

Delta R.T. -0.139 min

Lab File: BN029125.D

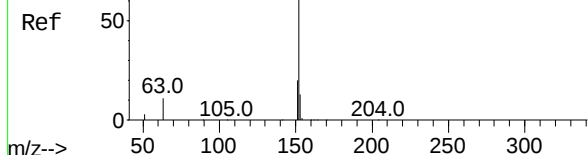
Acq: 08 Dec 2023 12:55

Instrument :

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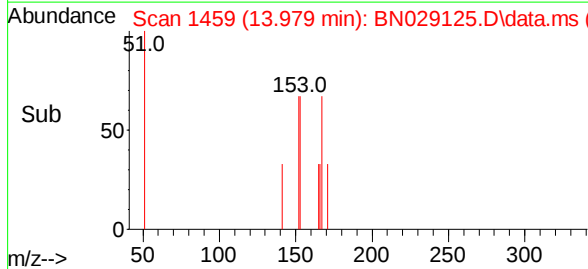
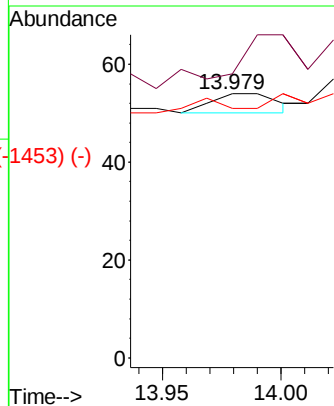
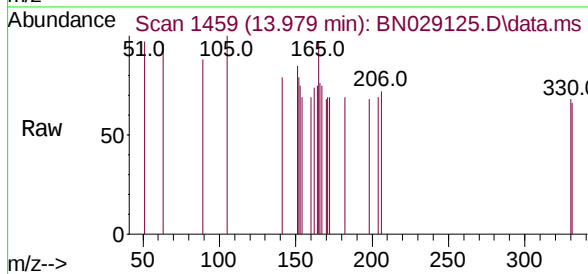
Tgt Ion:152 Resp: 8

Ion Ratio Lower Upper

152 100

151 450.0 15.8 23.6#

153 0.0 10.3 15.5#



Abundance Scan 1504 (14.460 min): BN029043.D\data.ms (-1507) (-)

Acenaphthene

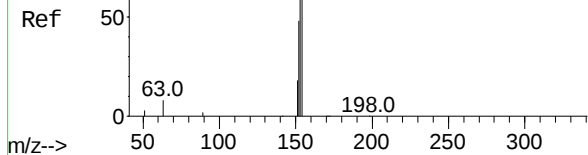
Concen: 0.708 ng

RT: 14.289 min Scan# 1488

Delta R.T. -0.171 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55



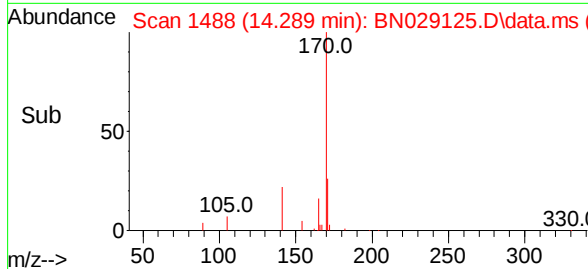
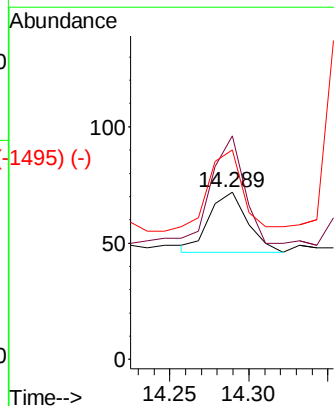
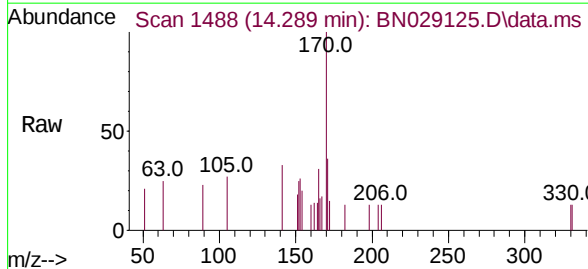
Tgt Ion:154 Resp: 44

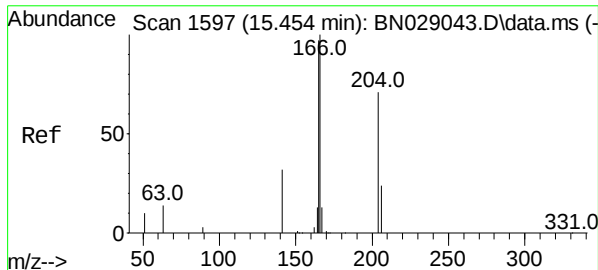
Ion Ratio Lower Upper

154 100

153 145.5 93.0 139.6#

152 0.0 44.2 66.4#

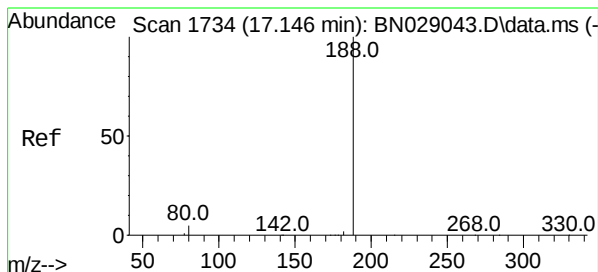
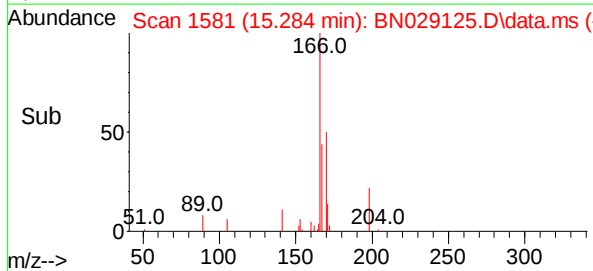
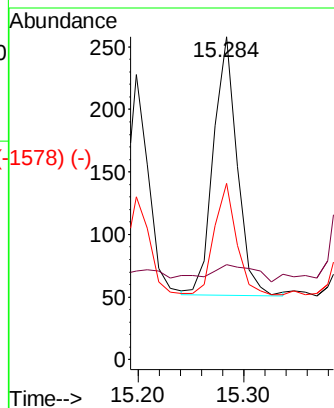
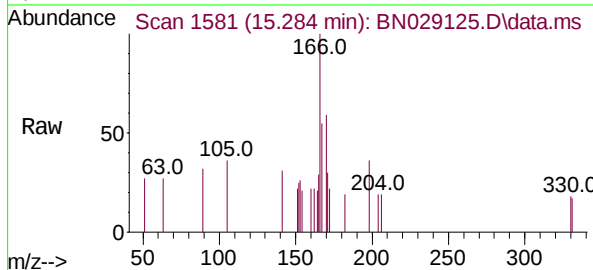




Fluorene
Concen: 3.277 ng
RT: 15.284 min Scan# 1581
Delta R.T. -0.171 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

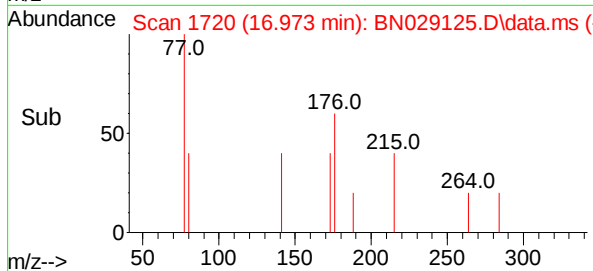
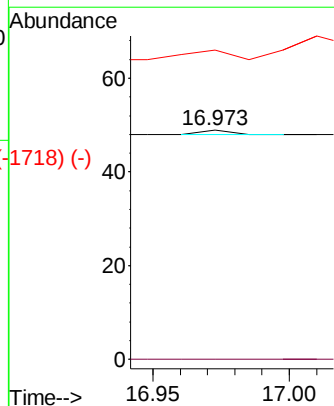
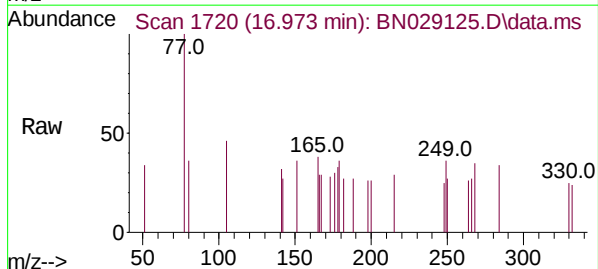
Instrument :
BNA_N
ClientSampleId :
PB157235BS

Tgt Ion:166 Resp: 325
Ion Ratio Lower Upper
166 100
165 11.7 80.2 120.4#
167 41.5 11.0 16.4#

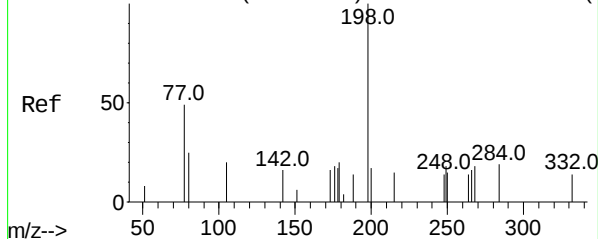


Phenanthrene-d10
Concen: 0.400 ng
RT: 16.973 min Scan# 1720
Delta R.T. -0.174 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

Tgt Ion:188 Resp: 1
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 134.7 5.4 8.0#



Abundance Scan 1605 (15.545 min): BN029043.D\data.ms (-1620) (-)

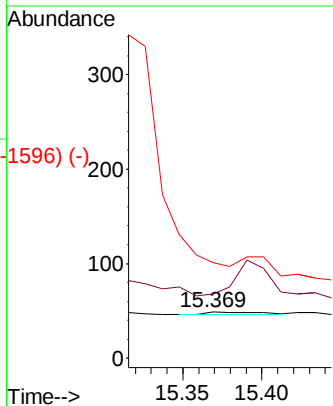
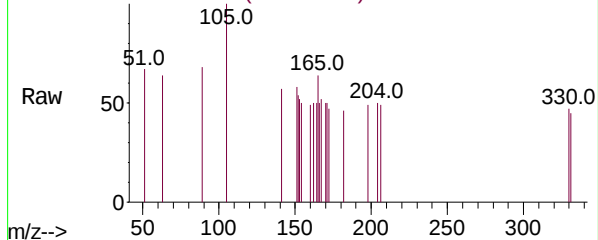


4,6-Dinitro-2-methylphenol
Concen: 19.887 ng
RT: 15.369 min Scan# 1620
Delta R.T. -0.176 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

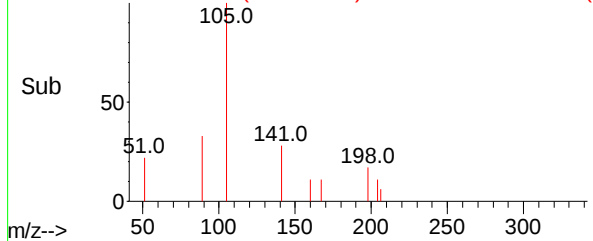
Instrument :
BNA_N
ClientSampleId :
PB157235BS

Tgt Ion:	198	Resp:	6
Ion	Ratio	Lower	Upper
198	100		
51	138.8	23.4	35.2#
105	206.1	29.0	43.4#

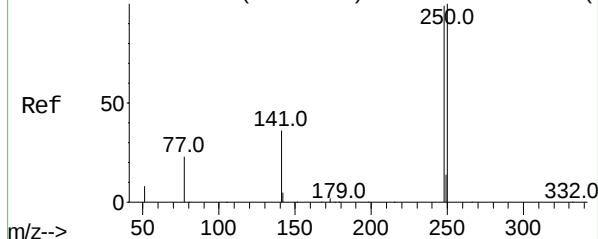
Abundance Scan 1589 (15.369 min): BN029125.D\data.ms



Abundance Scan 1589 (15.369 min): BN029125.D\data.ms (-1596) (-)



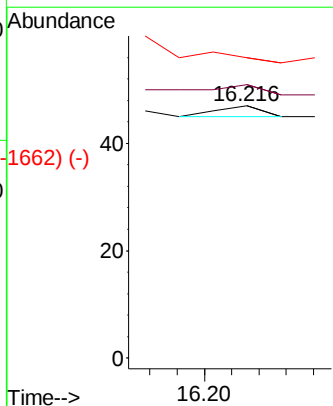
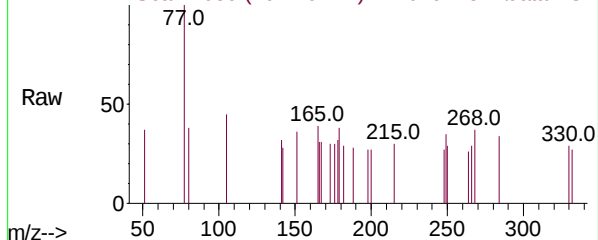
Abundance Scan 1670 (16.352 min): BN029043.D\data.ms (-1620) (-)



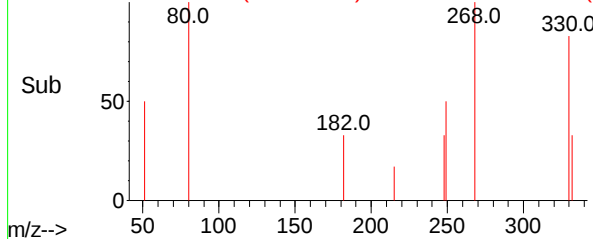
4-Bromophenyl-phenylether
Concen: 2.212 ng
RT: 16.216 min Scan# 1659
Delta R.T. -0.136 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

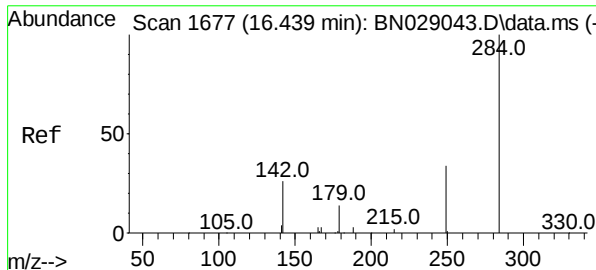
Tgt Ion:	248	Resp:	2
Ion	Ratio	Lower	Upper
248	100		
250	108.5	81.3	121.9
141	119.1	31.2	46.8#

Abundance Scan 1659 (16.216 min): BN029125.D\data.ms



Abundance Scan 1659 (16.216 min): BN029125.D\data.ms (-1662) (-)

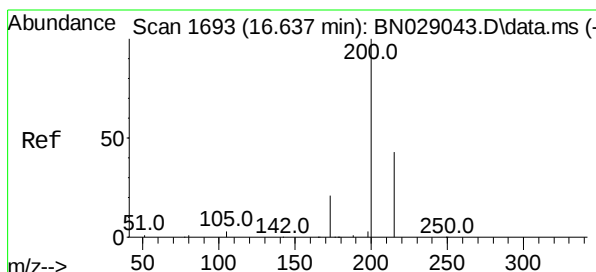
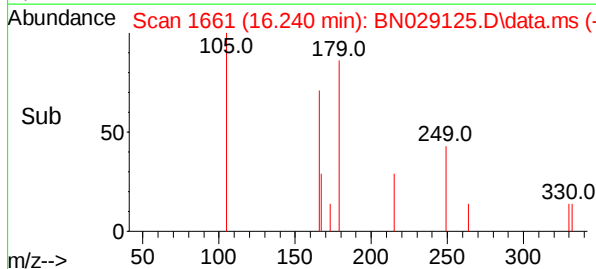
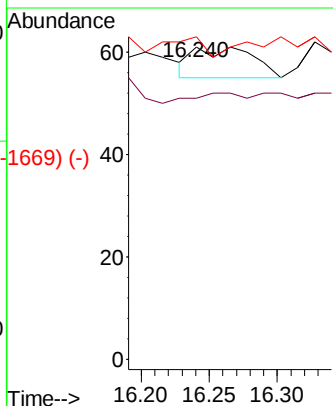
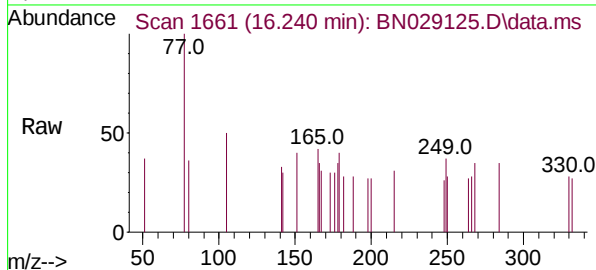




Scan 1677 (16.439 min): BN029043.D\data.ms (-1677) (-)
 Hexachlorobenzene
 Concen: 17.494 ng
 RT: 16.240 min Scan# 1622
 Delta R.T. -0.198 min
 Lab File: BN029125.D
 Acq: 08 Dec 2023 12:55

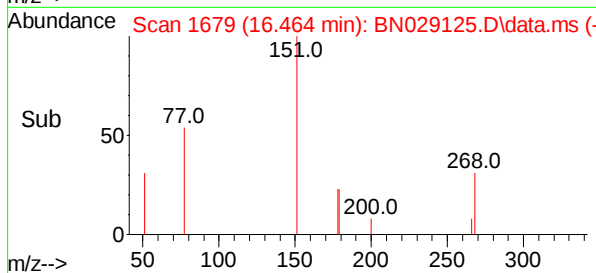
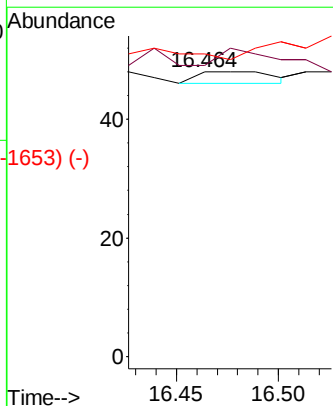
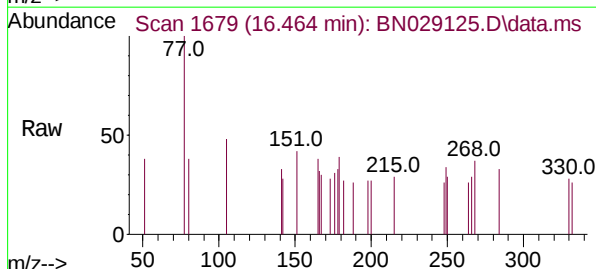
Instrument :
 BNA_N
 ClientSampleId :
 PB157235BS

Tgt Ion:	284	Resp:	18
Ion Ratio	Lower	Upper	
284	100		
142	27.8	28.0	42.0#
249	38.9	27.8	41.8



Scan 1693 (16.637 min): BN029043.D\data.ms (-1693) (-)
 Atrazine
 Concen: 6.265 ng
 RT: 16.464 min Scan# 1679
 Delta R.T. -0.174 min
 Lab File: BN029125.D
 Acq: 08 Dec 2023 12:55

Tgt Ion:	200	Resp:	5
Ion Ratio	Lower	Upper	
200	100		
173	102.1	19.3	28.9#
215	106.3	36.1	54.1#



Abundance Scan 1706 (16.799 min): BN029043.D\data.ms (-1706) (-)

Pentachlorophenol

Concen: 21.313 ng

RT: 16.613 min Scan# 1706

Delta R.T. -0.186 min

Lab File: BN029125.D

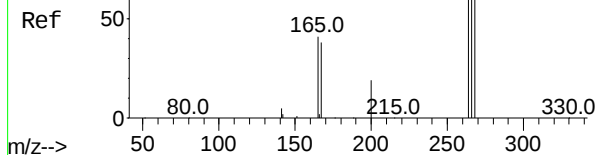
Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS



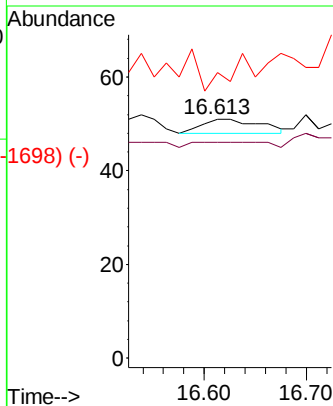
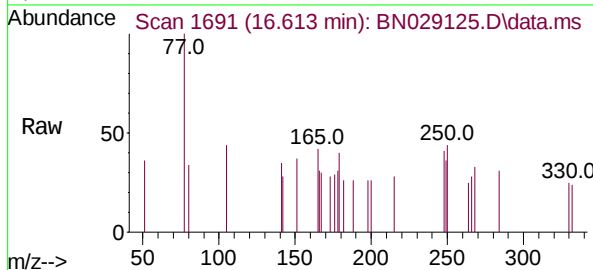
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

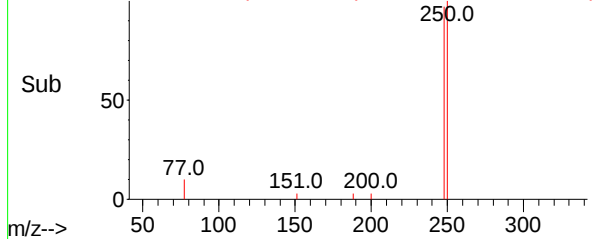
266 100

264 0.0 50.7 76.1#

268 0.0 49.5 74.3#



Abundance Scan 1691 (16.613 min): BN029125.D\data.ms (-1698) (-)



Abundance Scan 1737 (17.184 min): BN029043.D\data.ms (-1735) (-)

Phenanthrene

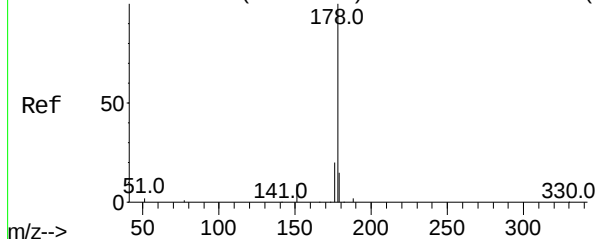
Concen: 7.489 ng

RT: 16.960 min Scan# 1719

Delta R.T. -0.223 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55



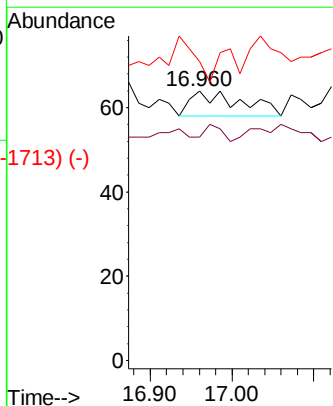
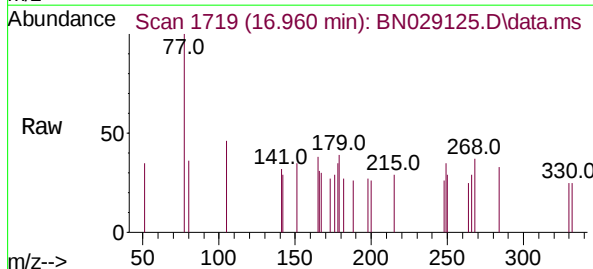
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

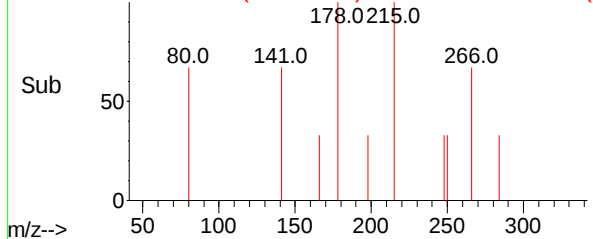
178 100

176 20.0 15.6 23.4

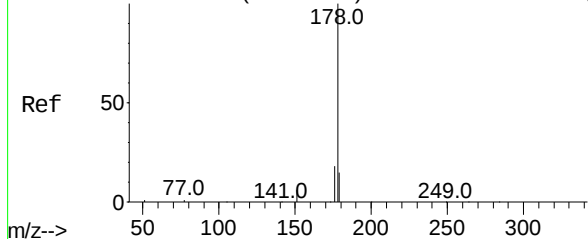
179 0.0 12.6 18.8#



Abundance Scan 1719 (16.960 min): BN029125.D\data.ms (-1713) (-)



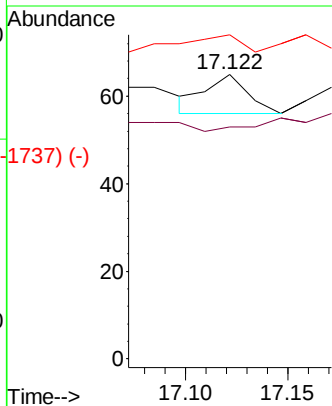
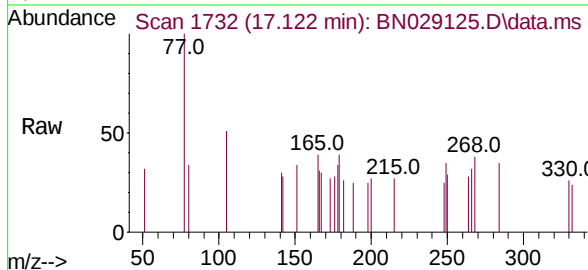
Abundance Scan 1745 (17.283 min): BN029043.D\data.ms (-1725) (-)



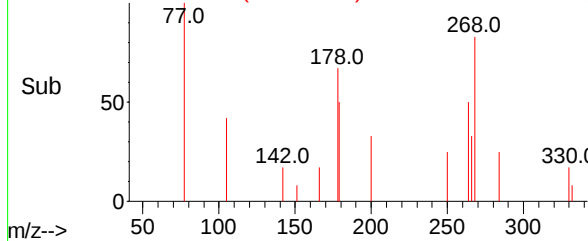
Anthracene
Concen: 4.028 ng
RT: 17.122 min Scan# 1732
Delta R.T. -0.161 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

Instrument :
BNA_N
ClientSampleId :
PB157235BS

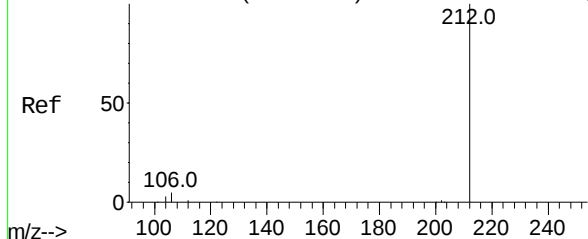
Tgt Ion:	178	Resp:	13
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	38.5	12.6	19.0#



Abundance Scan 1732 (17.122 min): BN029125.D\data.ms (-1737) (-)

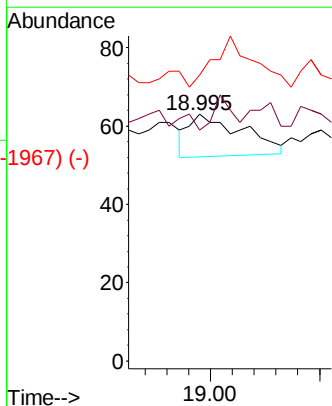
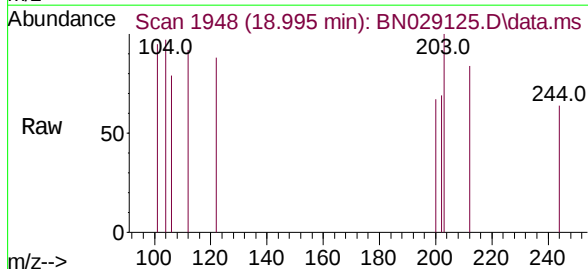


Abundance Scan 1989 (19.185 min): BN029043.D\data.ms (-1925) (-)

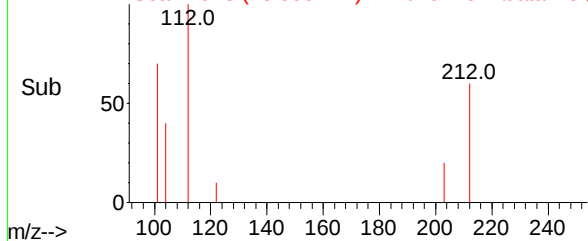


Fluoranthene-d10
Concen: 5.728 ng
RT: 18.995 min Scan# 1948
Delta R.T. -0.190 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

Tgt Ion:	212	Resp:	18
Ion	Ratio	Lower	Upper
212	100		
106	27.8	3.9	5.9#
104	100.0	2.6	3.8#



Abundance Scan 1948 (18.995 min): BN029125.D\data.ms (-1967) (-)



Abundance Scan 1995 (19.213 min): BN029043.D\data.ms (-1923) (-)

Fluoranthene

Concen: 0.436 ng

RT: 19.023 min Scan# 1923

Delta R.T. -0.190 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS

Tgt Ion:202 Resp: 2

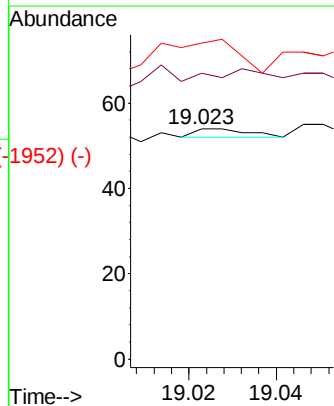
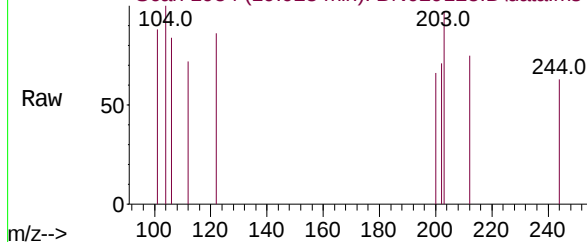
Ion Ratio Lower Upper

202 100

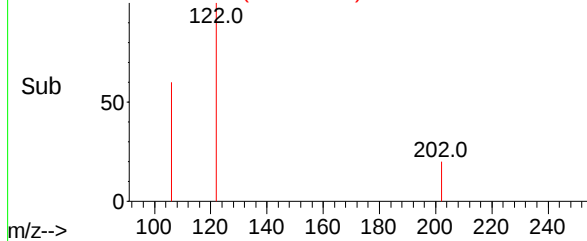
101 0.0 3.0 4.6#

203 450.0 13.8 20.6#

Abundance Scan 1954 (19.023 min): BN029125.D\data.ms



Abundance Scan 1954 (19.023 min): BN029125.D\data.ms (-1952) (-)



Abundance Scan 2419 (21.347 min): BN029043.D\data.ms (-2429) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 2382

Delta R.T. -0.331 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Tgt Ion:240 Resp: 109

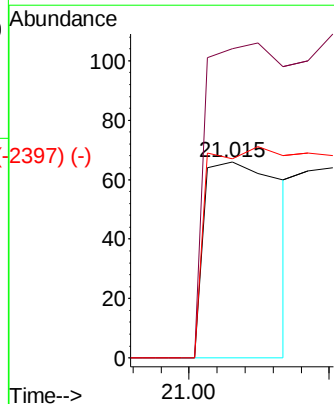
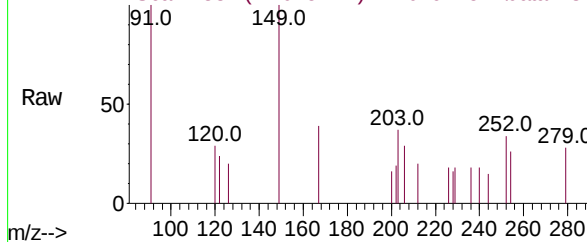
Ion Ratio Lower Upper

240 100

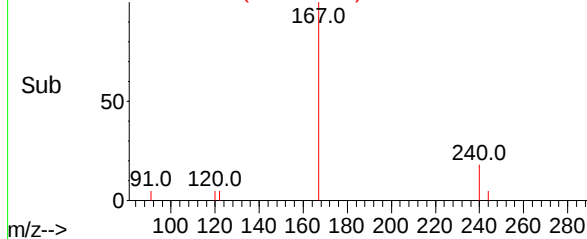
120 157.6 6.7 10.1#

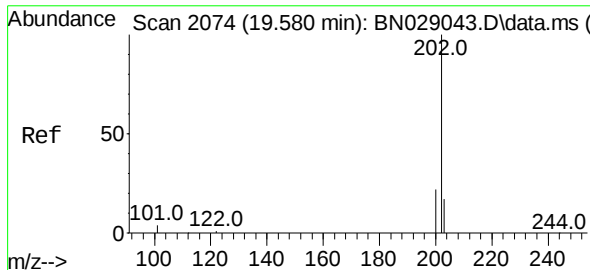
236 101.5 25.7 38.5#

Abundance Scan 2382 (21.015 min): BN029125.D\data.ms



Abundance Scan 2382 (21.015 min): BN029125.D\data.ms (-2397) (-)

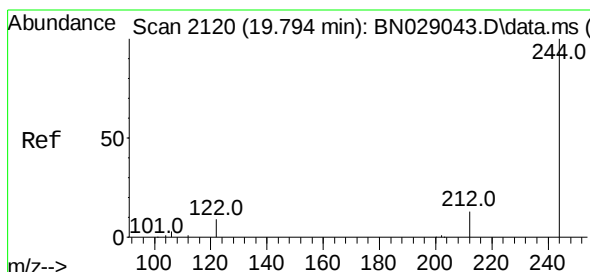
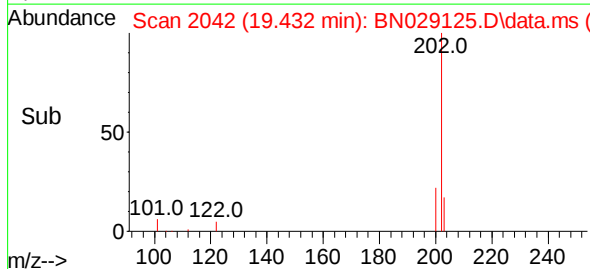
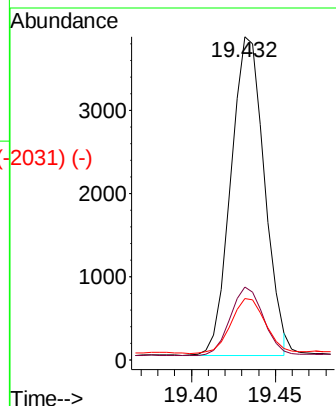
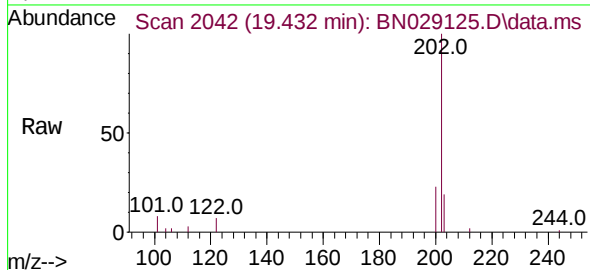




Pyrene
Concen: 7.847 ng
RT: 19.432 min Scan# 1
Delta R.T. -0.148 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

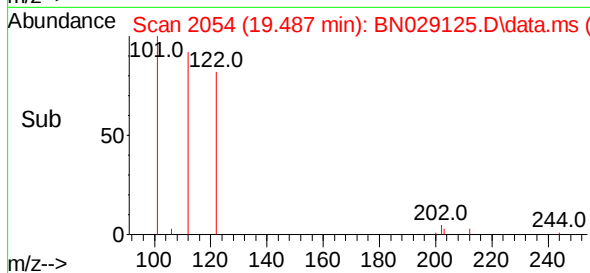
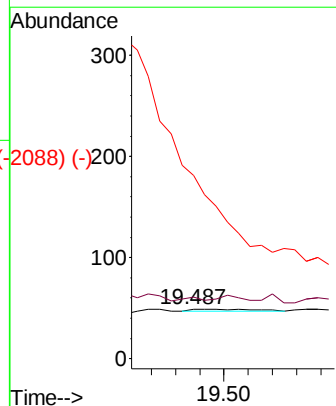
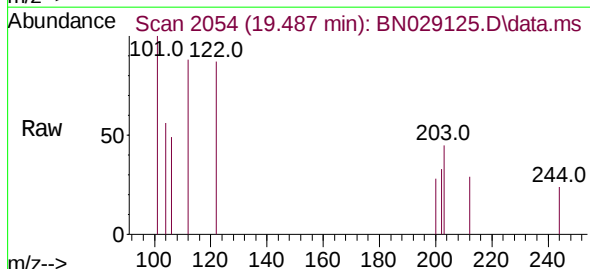
Instrument :
BNA_N
ClientSampleId :
PB157235BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.5	14.2	21.4



Terphenyl-d14
Concen: 0.011 ng
RT: 19.487 min Scan# 2054
Delta R.T. -0.306 min
Lab File: BN029125.D
Acq: 08 Dec 2023 12:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	124.5	11.6	17.4#
122	369.4	8.2	12.4#



Abundance Scan 2417 (21.329 min): BN029043.D\data.ms (-2417) (-)

Benzo(a)anthracene

Concen: 0.177 ng

RT: 21.007 min Scan# 1

Delta R.T. -0.322 min

Lab File: BN029125.D

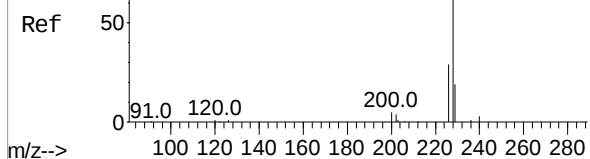
Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS



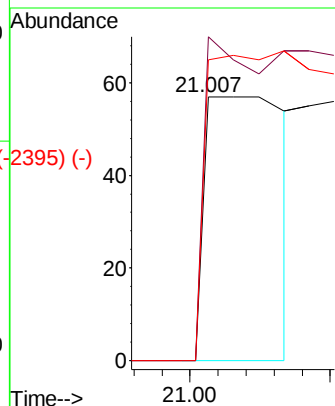
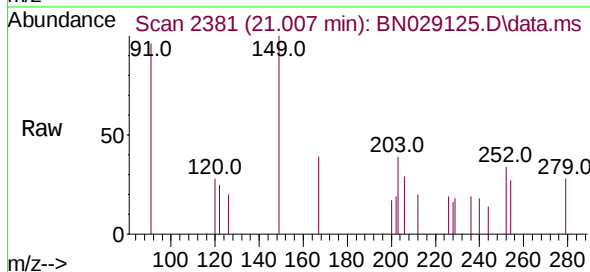
Tgt Ion:228 Resp: 98

Ion Ratio Lower Upper

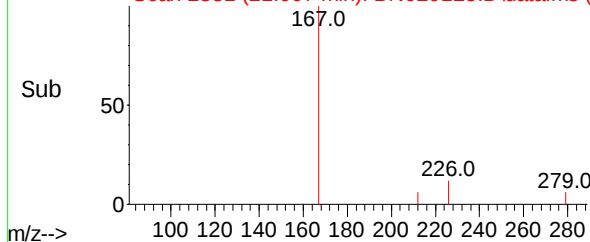
228 100

226 122.8 23.8 35.6#

229 114.0 16.0 24.0#



Abundance Scan 2381 (21.007 min): BN029125.D\data.ms (-2395) (-)



Abundance Scan 2970 (23.669 min): BN029043.D\data.ms (-2935) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.304 min Scan# 2845

Delta R.T. -0.365 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

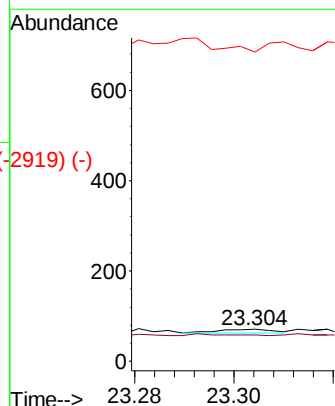
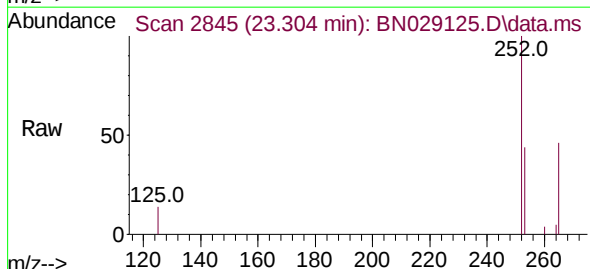
Tgt Ion:264 Resp: 6

Ion Ratio Lower Upper

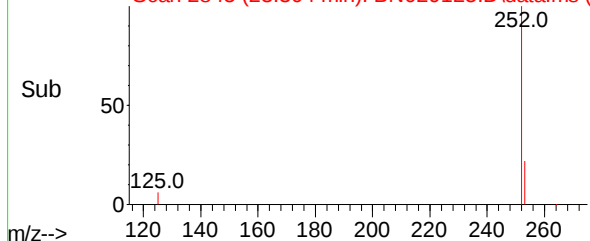
264 100

260 83.1 23.9 35.9#

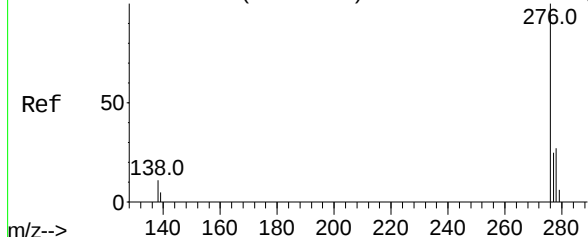
265 964.8 52.7 79.1#



Abundance Scan 2845 (23.304 min): BN029125.D\data.ms (-2919) (-)



Abundance Scan 3781 (26.041 min): BN029043.D\data.ms (-3738) (-)



Indeno(1,2,3-cd)pyrene

Concen: 0.196 ng

RT: 25.634 min Scan# 3738

Delta R.T. -0.406 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS

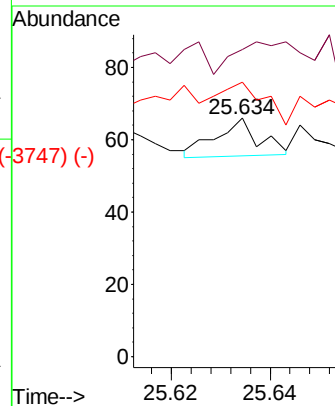
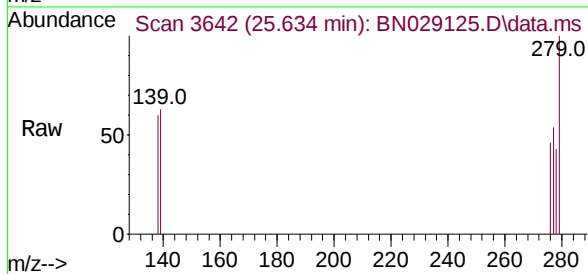
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

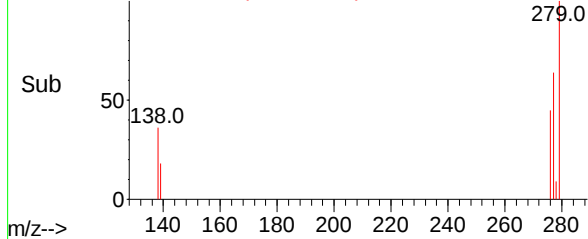
276 100

138 133.3 9.6 14.4#

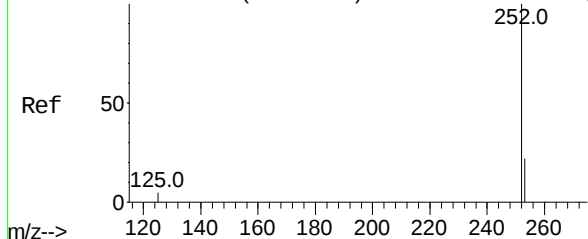
277 0.0 19.4 29.0#



Abundance Scan 3642 (25.634 min): BN029125.D\data.ms (-3747) (-)



Abundance Scan 2729 (22.965 min): BN029043.D\data.ms (-2737) (-)



Benzo(b)fluoranthene

Concen: 0.093 ng

RT: 22.608 min Scan# 2607

Delta R.T. -0.357 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

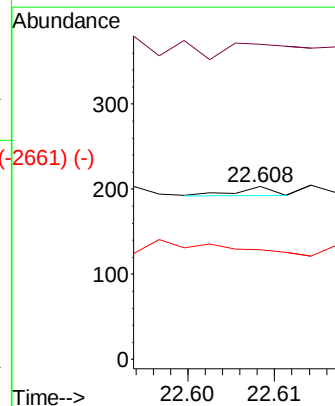
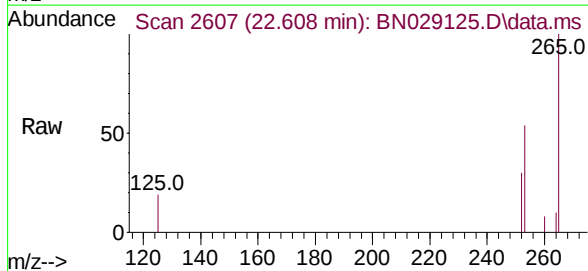
Tgt Ion:252 Resp: 3

Ion Ratio Lower Upper

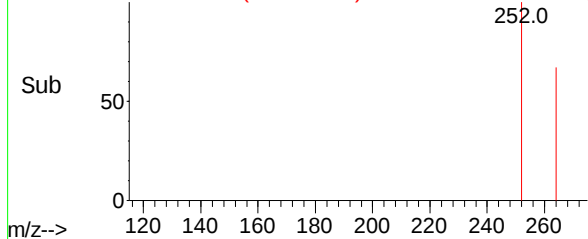
252 100

253 182.3 23.0 34.6#

125 63.5 5.4 8.0#



Abundance Scan 2607 (22.608 min): BN029125.D\data.ms (-2661) (-)



Abundance Scan 2745 (23.012 min): BN029043.D\data.ms (-2738) (-)

Benzo(k)fluoranthene

Concen: 0.132 ng

RT: 22.661 min Scan# 2738

Delta R.T. -0.351 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS

Tgt Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 184.3 23.0 34.4#

125 60.3 5.0 7.6#

Abundance Scan 2625 (22.661 min): BN029125.D\data.ms

Ref 50

252.0

265.0

Raw 50

125.0

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2625 (22.661 min): BN029125.D\data.ms (-2728) (-)

Ref 50

252.0

Sub 50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

300

200

100

0

Time-->

22.66

Abundance Scan 2934 (23.564 min): BN029043.D\data.ms (-2938) (-)

Benzo(a)pyrene

Concen: 145.319 ng

RT: 23.263 min Scan# 2831

Delta R.T. -0.301 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

Tgt Ion:252 Resp: 3874

Ion Ratio Lower Upper

252 100

253 35.9 25.3 37.9

125 10.4 6.5 9.7#

Abundance Scan 2831 (23.263 min): BN029125.D\data.ms

Ref 50

252.0

Raw 50

125.0

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2831 (23.263 min): BN029125.D\data.ms (-2866) (-)

Ref 50

252.0

Sub 50

125.0

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

2000

1500

1000

500

0

Time-->

23.20 23.25 23.30

Abundance Scan 3792 (26.073 min): BN029043.D\data.ms (-3792) (-)

Dibenzo(a,h)anthracene

Concen: 0.212 ng

RT: 25.669 min Scan# 3792

Delta R.T. -0.403 min

Lab File: BN029125.D

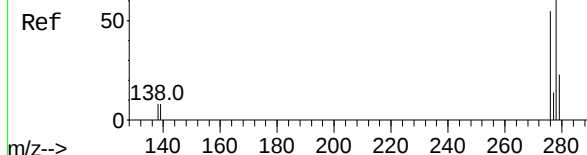
Acq: 08 Dec 2023 12:55

Instrument :

BNA_N

ClientSampleId :

PB157235BS



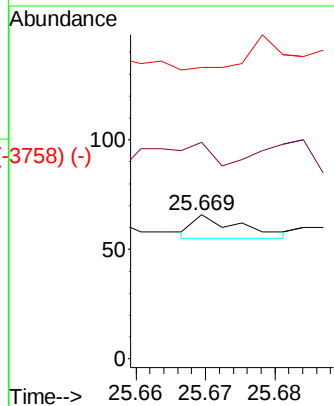
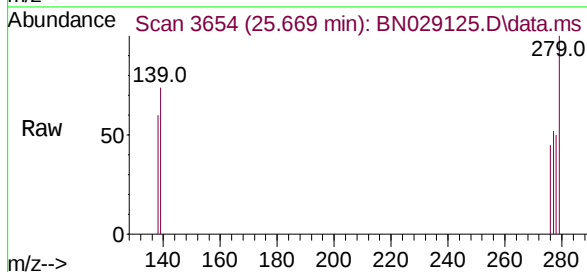
Tgt Ion:278 Resp: 5

Ion Ratio Lower Upper

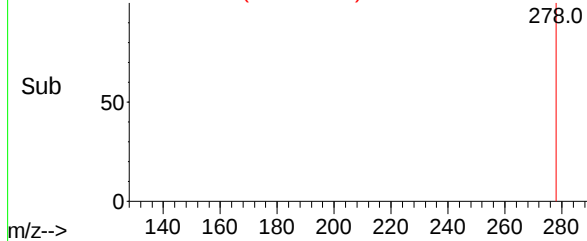
278 100

139 150.0 9.4 14.2#

279 201.5 24.2 36.4#



Abundance Scan 3654 (25.669 min): BN029125.D\data.ms (-3758) (-)



Abundance Scan 4030 (26.769 min): BN029043.D\data.ms (-4030) (-)

Benzo(g,h,i)perylene

Concen: 155.392 ng

RT: 26.652 min Scan# 3990

Delta R.T. -0.117 min

Lab File: BN029125.D

Acq: 08 Dec 2023 12:55

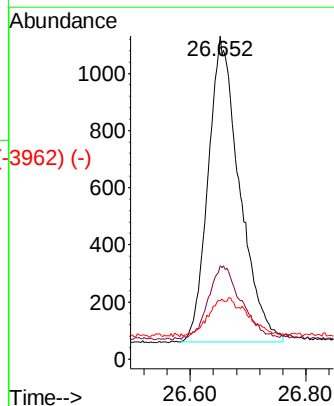
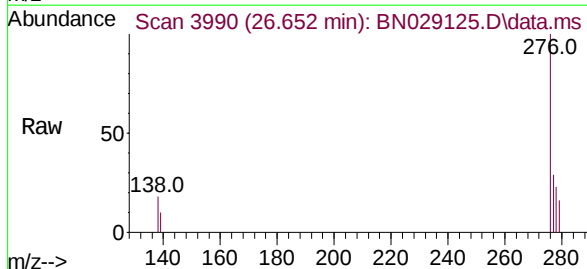
Tgt Ion:276 Resp: 4011

Ion Ratio Lower Upper

276 100

277 28.9 20.3 30.5

138 18.0 9.2 13.8#



Abundance Scan 3990 (26.652 min): BN029125.D\data.ms (-3962) (-)

