

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029055.D
 Acq On : 06 Dec 2023 14:46
 Operator : MA/JU
 Sample : PB156825BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

Quant Time: Dec 06 15:13:23 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)

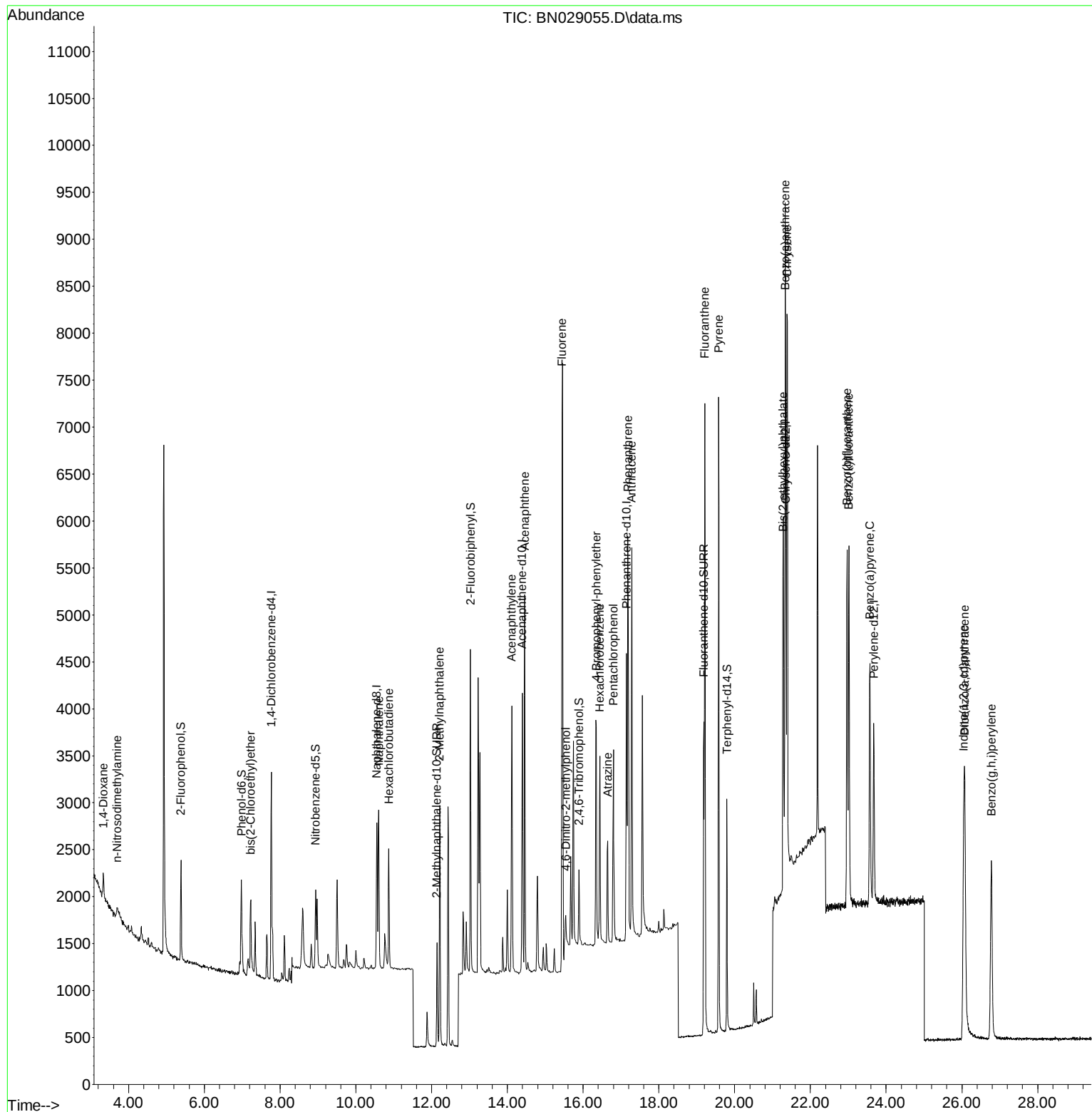
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1063	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2132	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1632	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	4277	0.400	ng	0.00
29) Chrysene-d12	21.356	240	3040	0.400	ng	0.00
35) Perylene-d12	23.673	264	2684	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	872	0.363	ng	0.00
5) Phenol-d6	6.981	99	1016	0.353	ng	0.00
8) Nitrobenzene-d5	8.939	82	811	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	1611	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	512	0.284	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2968	0.351	ng	0.00
27) Fluoranthene-d10	19.186	212	4248	0.316	ng	0.00
31) Terphenyl-d14	19.794	244	2630	0.342	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	247	0.289	ng	# 76
3) n-Nitrosodimethylamine	3.695	42	166	0.319	ng	# 57
6) bis(2-Chloroethyl)ether	7.226	93	873	0.429	ng	89
9) Naphthalene	10.605	128	2311	0.347	ng	99
10) Hexachlorobutadiene	10.872	225	1008	0.344	ng	# 97
12) 2-Methylnaphthalene	12.216	142	1753	0.324	ng	99
16) Acenaphthylene	14.118	152	3198	0.356	ng	99
17) Acenaphthene	14.460	154	2017	0.358	ng	99
18) Fluorene	15.444	166	3142	0.349	ng	98
20) 4,6-Dinitro-2-methylph...	15.545	198	438	0.339	ng	98
21) 4-Bromophenyl-phenylether	16.352	248	1364	0.353	ng	97
22) Hexachlorobenzene	16.439	284	1486	0.338	ng	98
23) Atrazine	16.650	200	1133	0.332	ng	97
24) Pentachlorophenol	16.799	266	1023	0.425	ng	98
25) Phenanthrene	17.184	178	5048	0.354	ng	100
26) Anthracene	17.283	178	4761	0.345	ng	99
28) Fluoranthene	19.213	202	6470	0.330	ng	99
30) Pyrene	19.580	202	6542	0.347	ng	100
32) Benzo(a)anthracene	21.338	228	5435	0.352	ng	98
33) Chrysene	21.392	228	5320	0.351	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	3140	0.330	ng	99
36) Indeno(1,2,3-cd)pyrene	26.050	276	5281	0.386	ng	100
37) Benzo(b)fluoranthene	22.968	252	5339	0.371	ng	94
38) Benzo(k)fluoranthene	23.015	252	5112	0.378	ng	95
39) Benzo(a)pyrene	23.570	252	4348	0.365	ng	91
40) Dibenzo(a,h)anthracene	26.076	278	4106	0.389	ng	# 90
41) Benzo(g,h,i)perylene	26.778	276	4511	0.391	ng	# 93

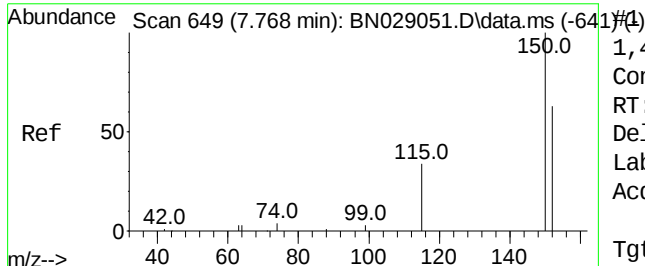
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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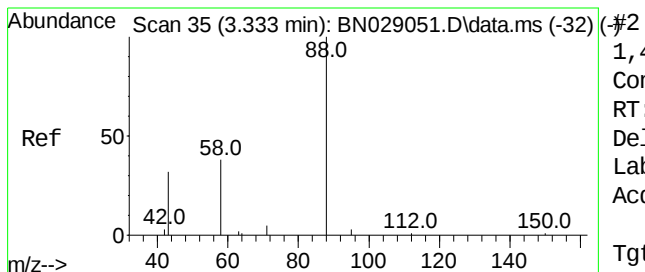
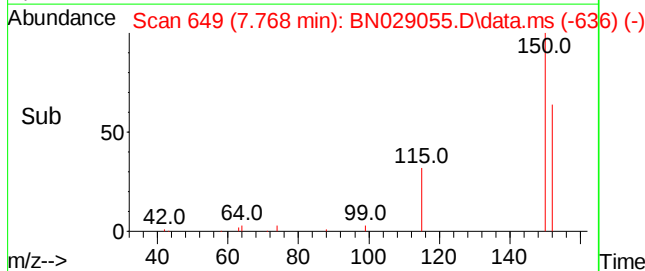
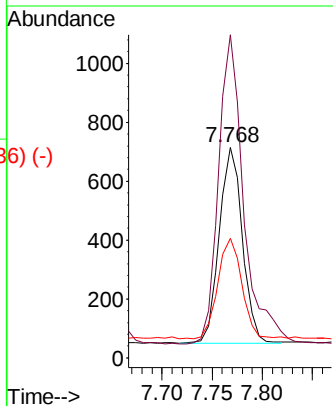
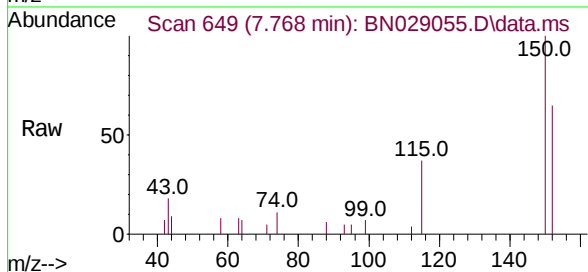




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 1
 Delta R.T. -0.007 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

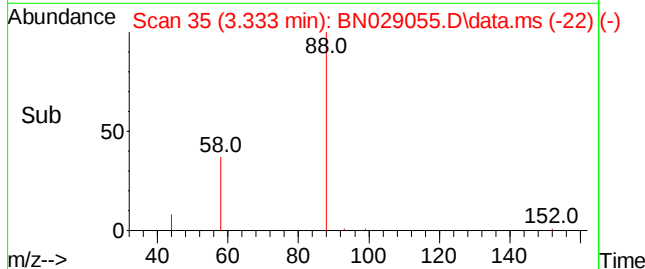
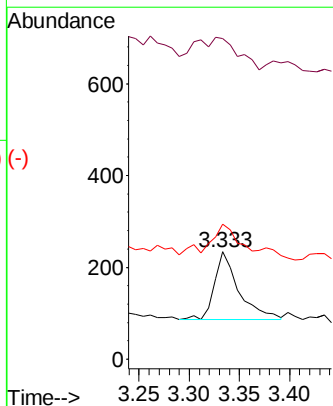
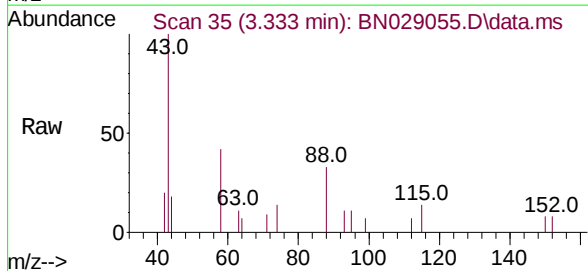
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

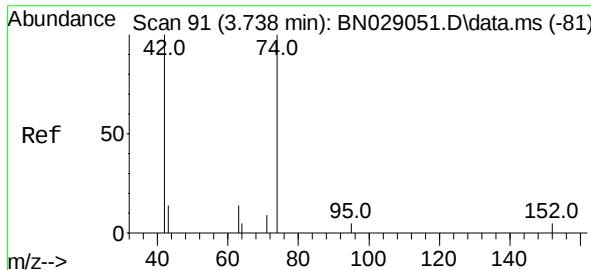
Tgt Ion:	152	Resp:	1063
Ion	Ratio	Lower	Upper
152	100		
150	153.4	116.2	174.4
115	56.6	45.1	67.7



1,4-Dioxane
 Concen: 0.289 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

Tgt Ion:	88	Resp:	247
Ion	Ratio	Lower	Upper
88	100		
43	0.0	15.6	23.4#
58	51.4	33.2	49.8#

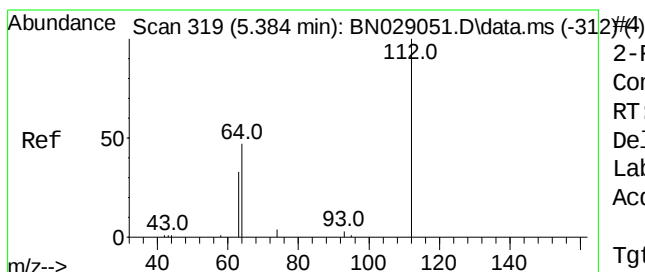
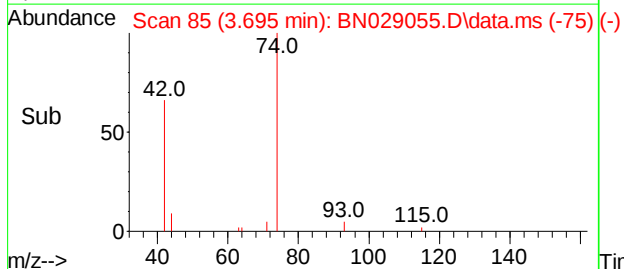
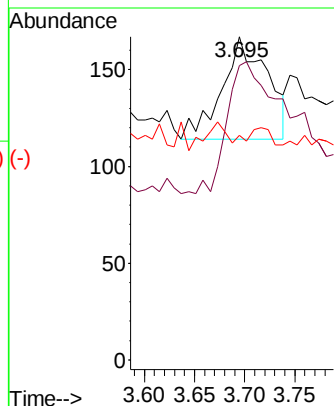
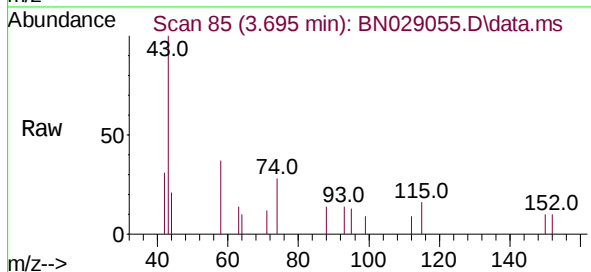




n-Nitrosodimethylamine
 Concen: 0.319 ng
 RT: 3.695 min Scan# 85
 Delta R.T. -0.028 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

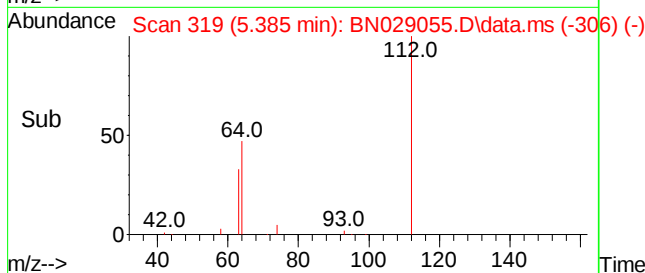
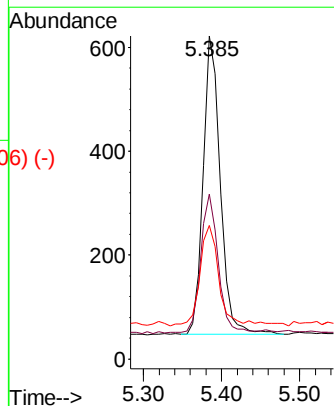
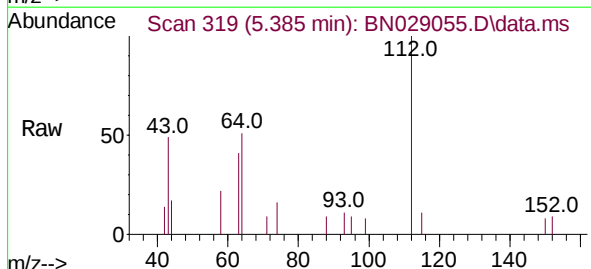
Instrument :
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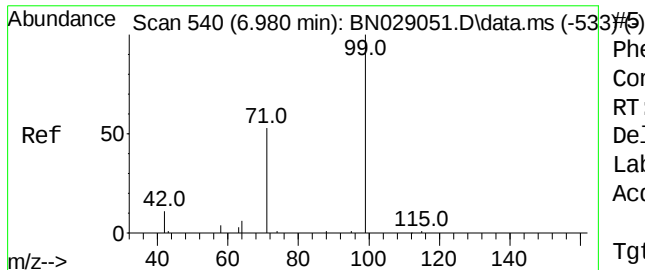
Tgt Ion: 42 Resp: 166
 Ion Ratio Lower Upper
 42 100
 74 183.1 106.3 159.5#
 44 0.0 0.0 0.0



2-Fluorophenol
 Concen: 0.363 ng
 RT: 5.385 min Scan# 319
 Delta R.T. -0.007 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

Tgt Ion: 112 Resp: 872
 Ion Ratio Lower Upper
 112 100
 64 46.8 37.0 55.6
 63 38.3 29.0 43.6





Phenol-d6

Concen: 0.353 ng

RT: 6.981 min Scan# 540

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

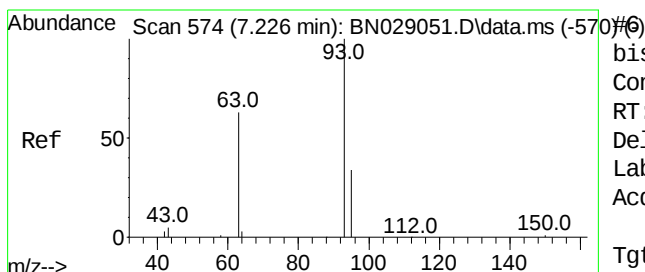
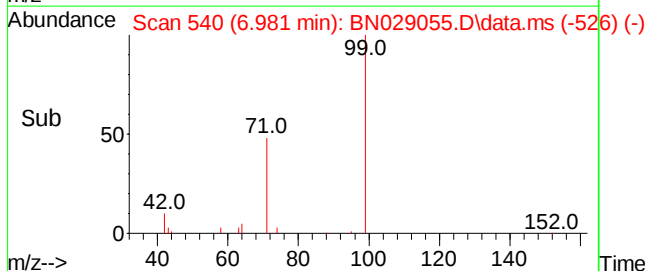
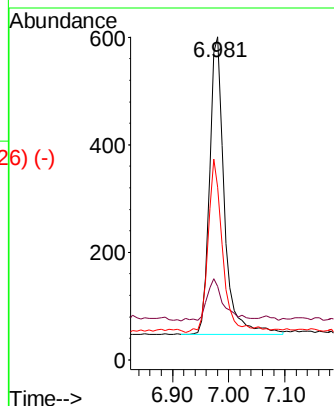
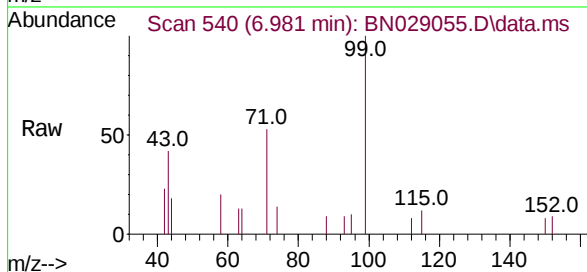
Tgt Ion: 99 Resp: 1016

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.2

71 57.9 47.8 71.6



bis(2-Chloroethyl)ether

Concen: 0.429 ng

RT: 7.226 min Scan# 574

Delta R.T. -0.007 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

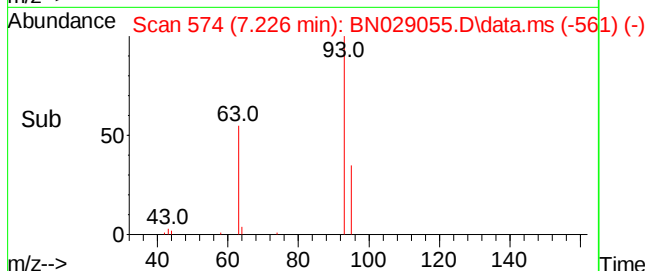
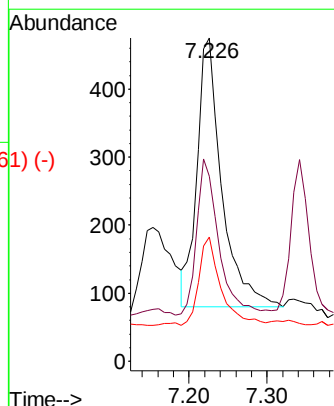
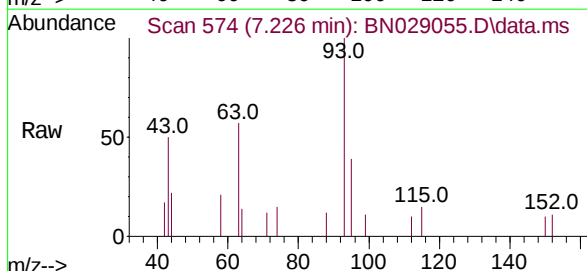
Tgt Ion: 93 Resp: 873

Ion Ratio Lower Upper

93 100

63 52.0 48.4 72.6

95 29.0 28.1 42.1



Abundance Scan 934 (10.551 min): BN029051.D\data.ms (-9277-)

Naphthalene-d8

Concen: 0.400 ng

RT: 10.552 min Scan# 934

Delta R.T. -0.010 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

Tgt Ion:136 Resp: 2132

Ion Ratio Lower Upper

136 100

137 14.3 11.9 17.9

54 8.9 6.4 9.6

68 7.0 5.3 7.9

Abundance Scan 934 (10.552 min): BN029055.D\data.ms

Ref

54.0 82.0 136.0 227.0

m/z-->

Raw

54.0 82.0 136.0 225.0

m/z-->

Abundance Scan 934 (10.552 min): BN029055.D\data.ms (-916) (-)

Sub

54.0 82.0 136.0 225.0

m/z-->

Abundance

10.552

1000

500

0

Time-->

Abundance Scan 783 (8.939 min): BN029051.D\data.ms (-7777-)

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Tgt Ion: 82 Resp: 811

Ion Ratio Lower Upper

82 100

128 43.3 28.2 42.4#

54 37.1 32.1 48.1

Abundance Scan 783 (8.939 min): BN029055.D\data.ms

Ref

54.0 82.0 128.0 225.0

m/z-->

Raw

54.0 82.0 128.0 225.0

m/z-->

Abundance Scan 783 (8.939 min): BN029055.D\data.ms (-764) (-)

Sub

54.0 82.0 128.0 225.0

m/z-->

Abundance

8.939

400

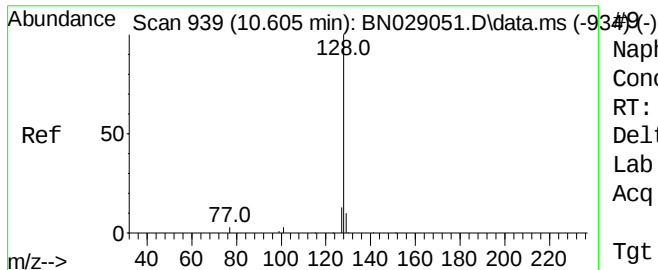
300

200

100

0

Time-->



Naphthalene

Concen: 0.347 ng

RT: 10.605 min Scan# 939

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

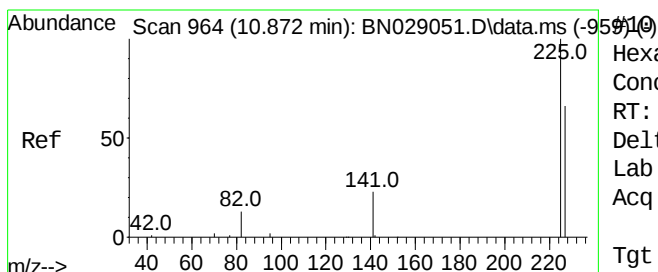
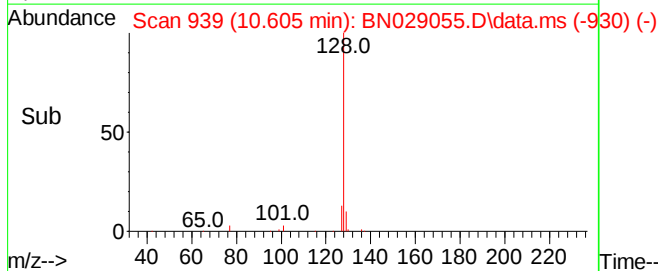
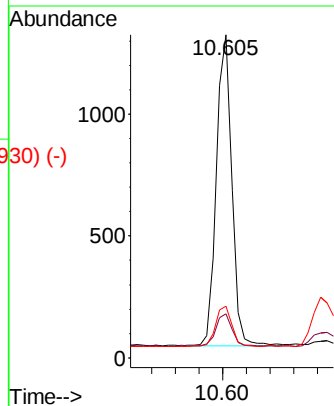
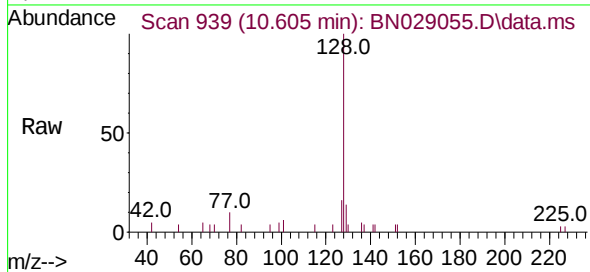
Tgt Ion:128 Resp: 2311

Ion Ratio Lower Upper

128 100

129 13.7 10.5 15.7

127 16.0 12.5 18.7



Hexachlorobutadiene

Concen: 0.344 ng

RT: 10.872 min Scan# 964

Delta R.T. -0.010 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

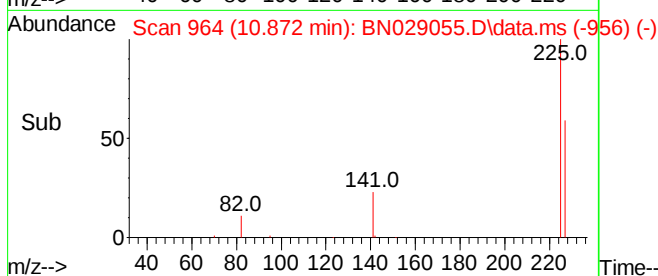
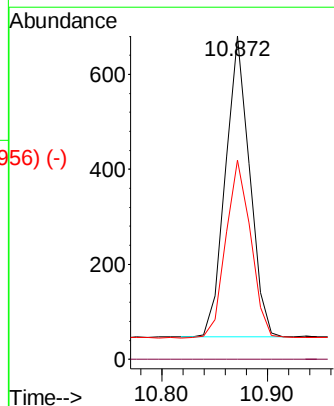
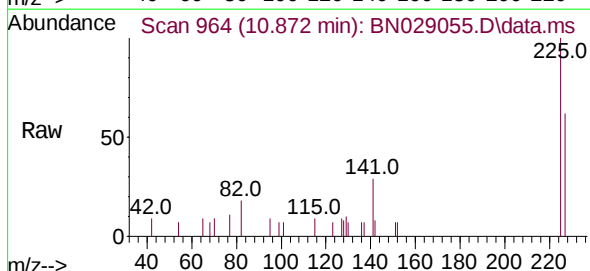
Tgt Ion:225 Resp: 1008

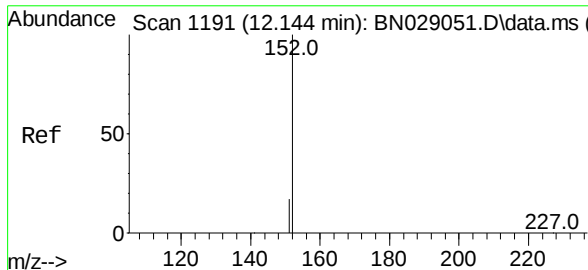
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 60.8 50.7 76.1

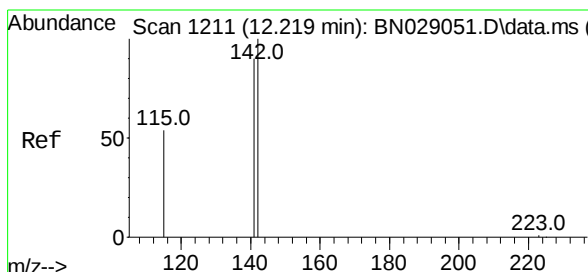
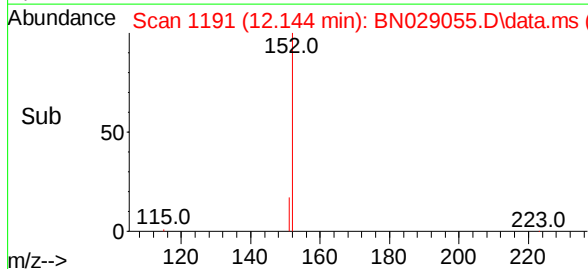
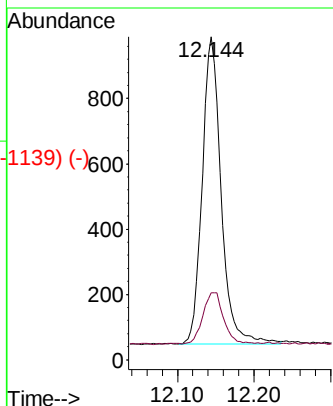
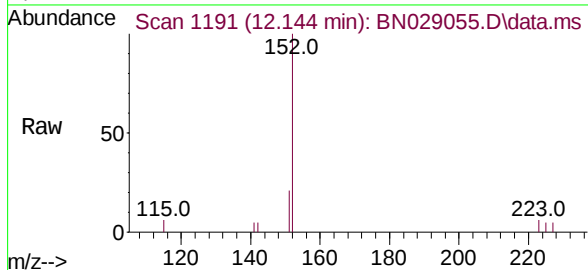




Scan 1191 (12.144 min): BN029051.D\data.ms (-1119) (-)
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.144 min Scan# 1191
 Delta R.T. -0.004 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

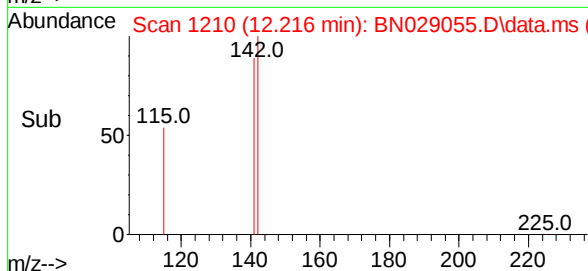
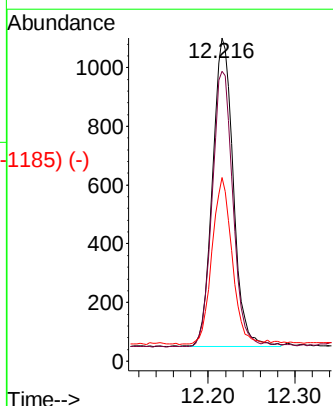
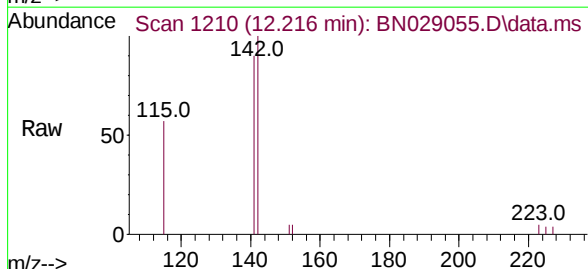
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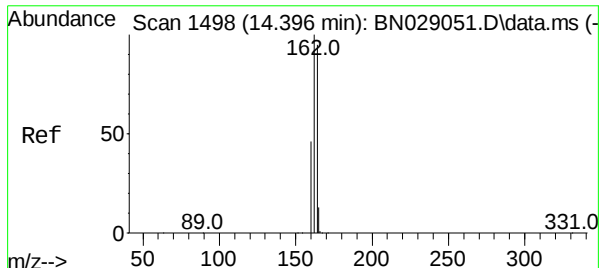
Tgt Ion:152 Resp: 1611
 Ion Ratio Lower Upper
 152 100
 151 18.5 17.4 26.0



Scan 1211 (12.216 min): BN029051.D\data.ms (-1199) (-)
 2-Methylnaphthalene
 Concen: 0.324 ng
 RT: 12.216 min Scan# 1210
 Delta R.T. -0.007 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

Tgt Ion:142 Resp: 1753
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.1 106.7
 115 56.9 44.6 66.8





#12 (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

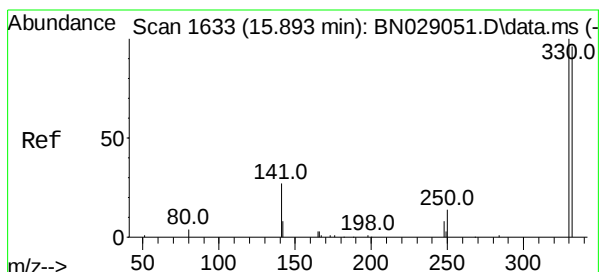
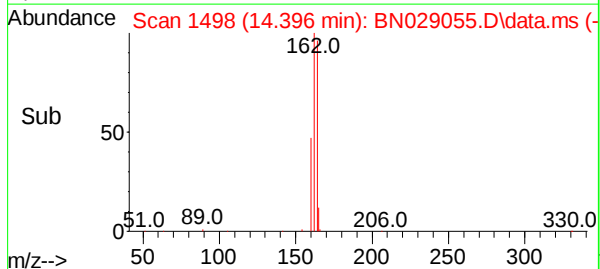
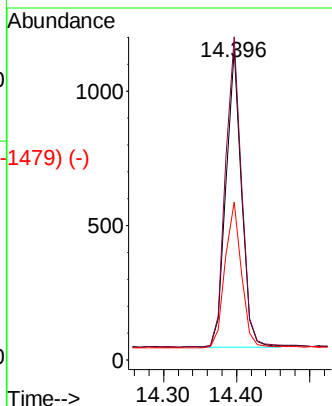
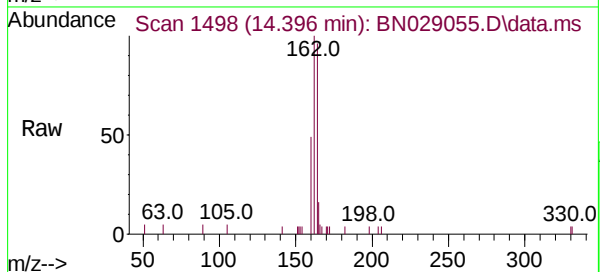
Tgt Ion:164 Resp: 1632

Ion Ratio Lower Upper

164 100

162 104.2 85.0 127.6

160 51.0 41.3 61.9



#14 (-)

2,4,6-Tribromophenol

Concen: 0.284 ng

RT: 15.893 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

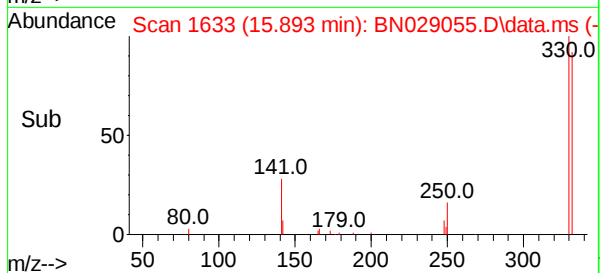
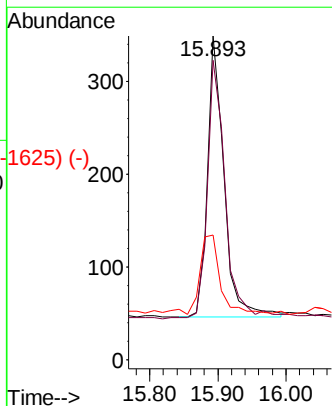
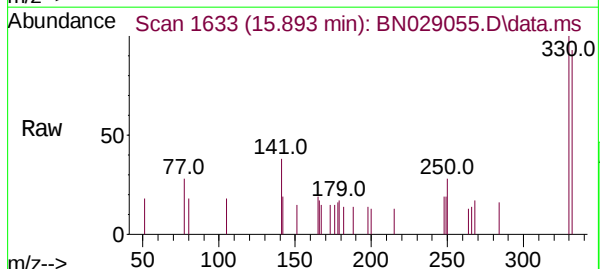
Tgt Ion:330 Resp: 512

Ion Ratio Lower Upper

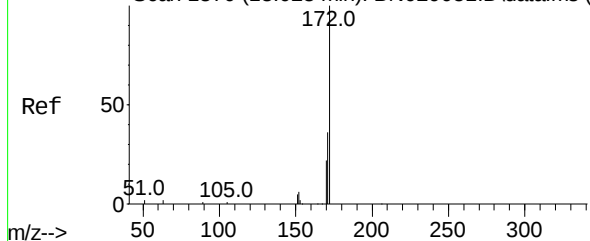
330 100

332 99.0 78.8 118.2

141 33.0 28.7 43.1



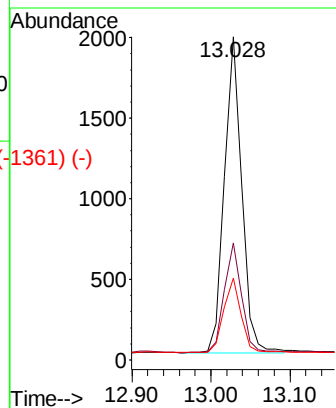
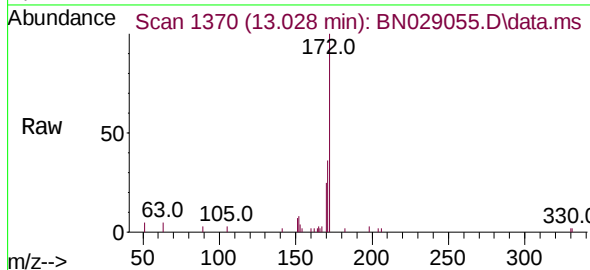
Abundance Scan 1370 (13.028 min): BN029051.D\data.ms (-1361) (-)



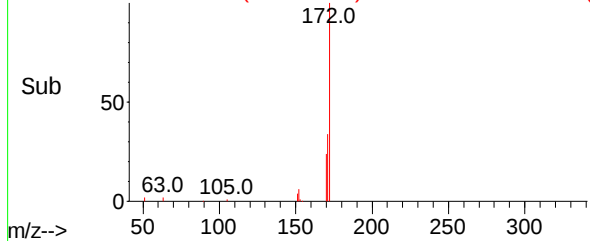
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Instrument :
BNA_N
ClientSampleId :
PB156825BS

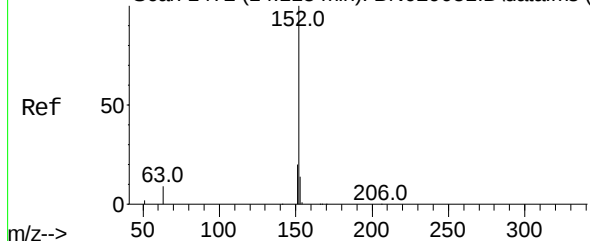
Tgt Ion:	172	Resp:	2968
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.1	45.1
170	25.3	20.3	30.5



Abundance Scan 1370 (13.028 min): BN029055.D\data.ms (-1361) (-)

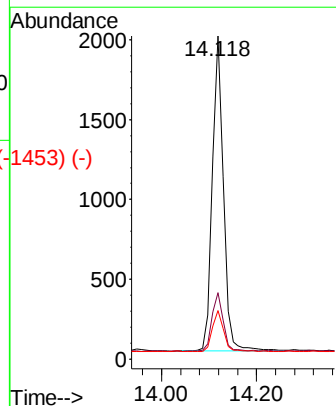
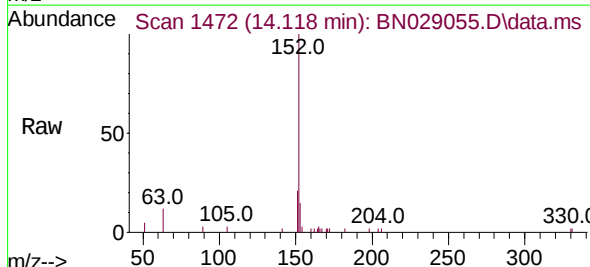


Abundance Scan 1472 (14.118 min): BN029051.D\data.ms (-1453) (-)

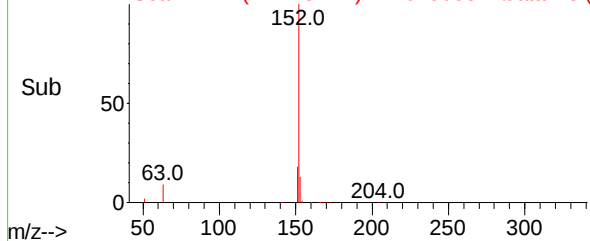


Acenaphthylene
Concen: 0.356 ng
RT: 14.118 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Tgt Ion:	152	Resp:	3198
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.3	10.3	15.5



Abundance Scan 1472 (14.118 min): BN029055.D\data.ms (-1453) (-)



Abundance Scan 1504 (14.460 min): BN029051.D\data.ms (-1507) (-)

Acenaphthene

Concen: 0.358 ng

RT: 14.460 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

Tgt Ion:154 Resp: 2017

Ion Ratio Lower Upper

154 100

153 115.9 93.0 139.6

152 56.9 44.2 66.4

Abundance Scan 1504 (14.460 min): BN029055.D\data.ms

Ref 50

63.0 153.0

Raw 50

63.0 105.0 153.0 204.0 330.0

m/z-->

Abundance Scan 1504 (14.460 min): BN029055.D\data.ms (-1495) (-)

Sub 50

63.0 153.0 331.0

m/z-->

Abundance

1500

14.460

1000

500

0

14.40 14.50

Time-->

Abundance Scan 1596 (15.444 min): BN029051.D\data.ms (-1599) (-)

Fluorene

Concen: 0.349 ng

RT: 15.444 min Scan# 1596

Delta R.T. -0.010 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Tgt Ion:166 Resp: 3142

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

167 13.0 11.0 16.4

Abundance Scan 1596 (15.444 min): BN029055.D\data.ms

Ref 50

63.0 165.0

Raw 50

63.0 105.0 165.0 204.0 330.0

m/z-->

Abundance Scan 1596 (15.444 min): BN029055.D\data.ms (-1578) (-)

Sub 50

63.0 165.0 204.0

m/z-->

Abundance

1500

15.444

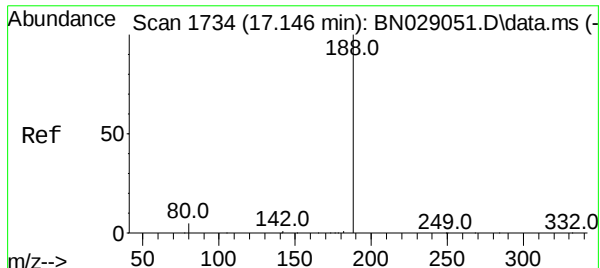
1000

500

0

15.40 15.60

Time-->



Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

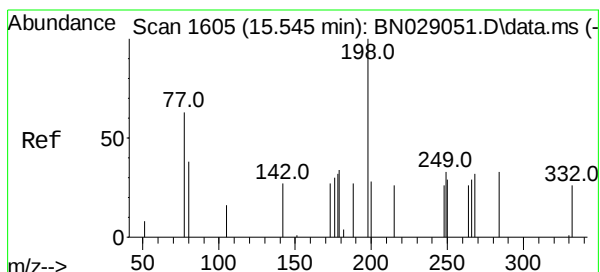
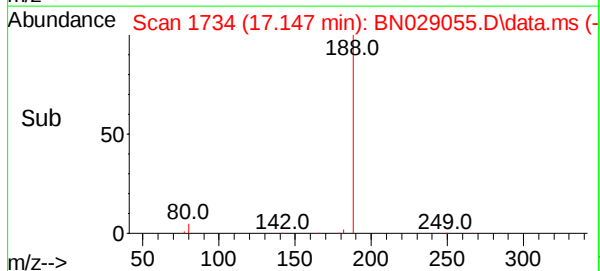
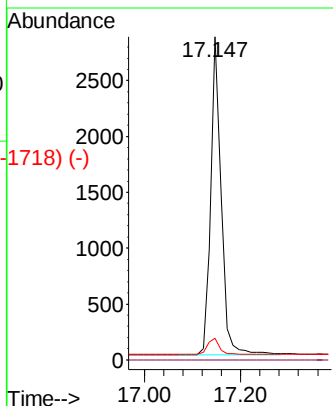
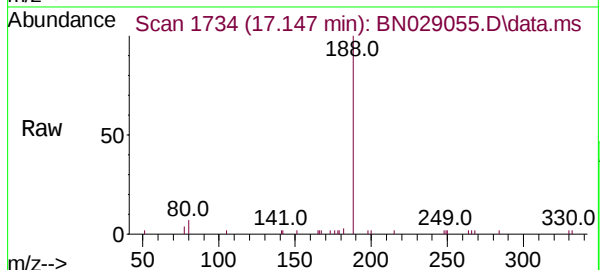
Tgt Ion:188 Resp: 4277

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.7 5.4 8.0



4,6-Dinitro-2-methylphenol

Concen: 0.339 ng

RT: 15.545 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

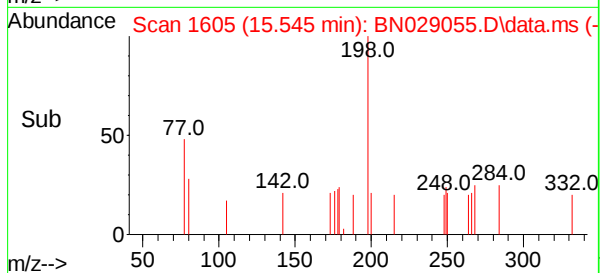
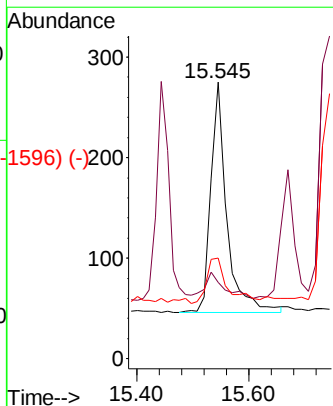
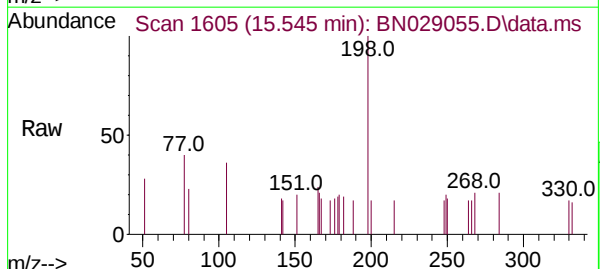
Tgt Ion:198 Resp: 438

Ion Ratio Lower Upper

198 100

51 27.6 23.4 35.2

105 36.4 29.0 43.4



Abundance Scan 1670 (16.352 min): BN029051.D\data.ms (-1662) (-)

4-Bromophenyl-phenylether

Concen: 0.353 ng

RT: 16.352 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BN029055.D

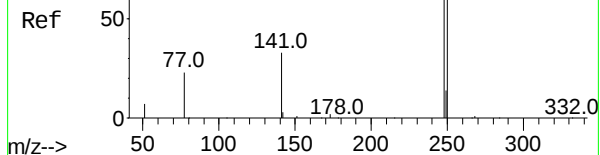
Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS



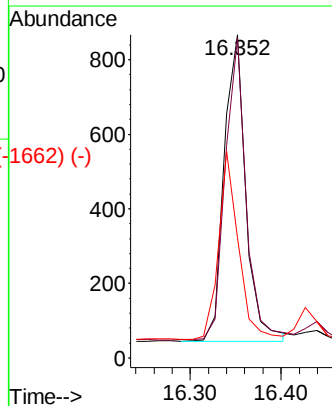
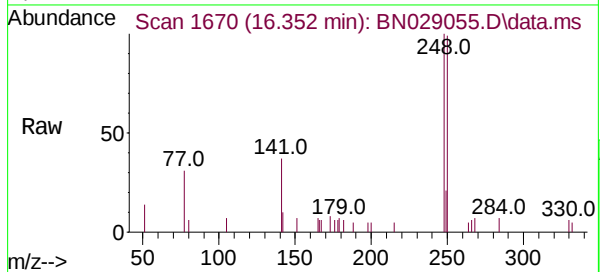
Tgt Ion:248 Resp: 1364

Ion Ratio Lower Upper

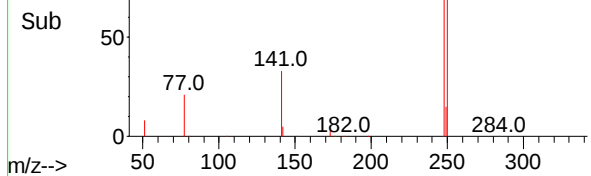
248 100

250 99.1 81.3 121.9

141 37.1 31.2 46.8



Abundance Scan 1670 (16.352 min): BN029055.D\data.ms (-1662) (-)



Abundance Scan 1677 (16.439 min): BN029051.D\data.ms (-1672) (-)

Hexachlorobenzene

Concen: 0.338 ng

RT: 16.439 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

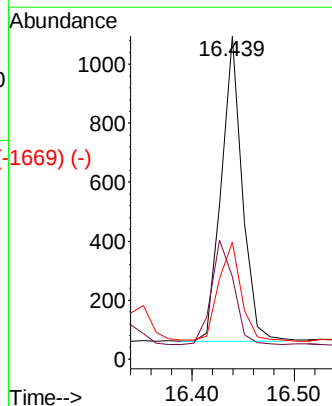
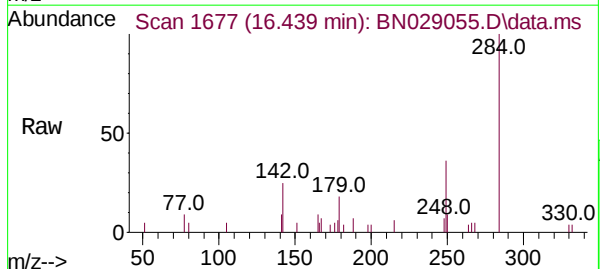
Tgt Ion:284 Resp: 1486

Ion Ratio Lower Upper

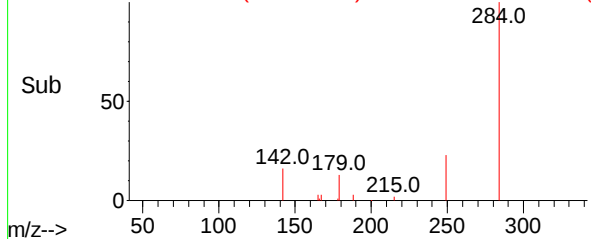
284 100

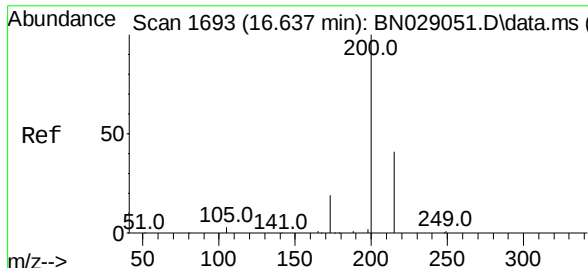
142 36.4 28.0 42.0

249 33.7 27.8 41.8



Abundance Scan 1677 (16.439 min): BN029055.D\data.ms (-1669) (-)

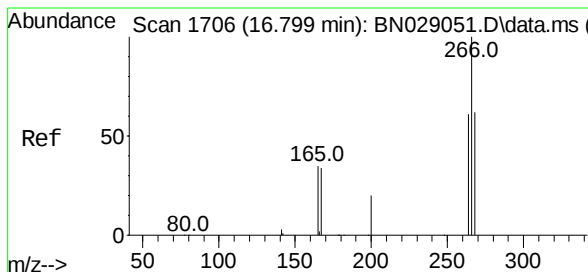
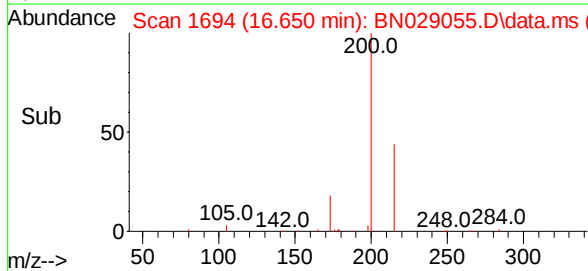
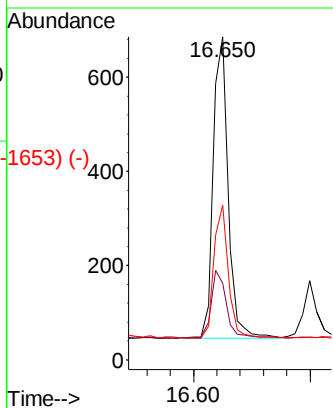
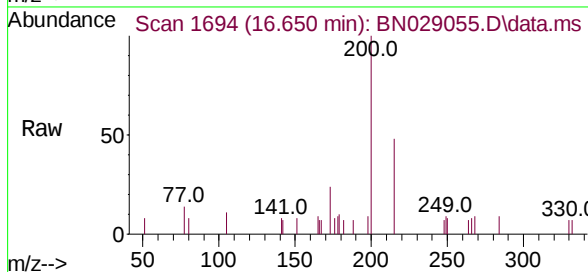




Scan 1693 (16.637 min): BN029051.D\data.ms (-1623) (-)
 Atrazine
 Concen: 0.332 ng
 RT: 16.650 min Scan# 1693
 Delta R.T. 0.013 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

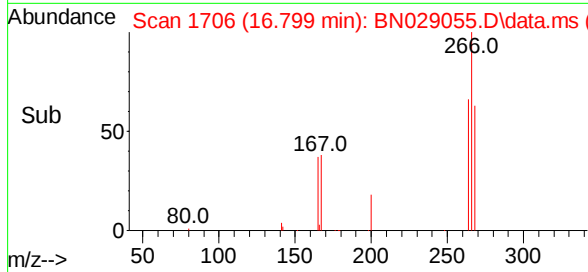
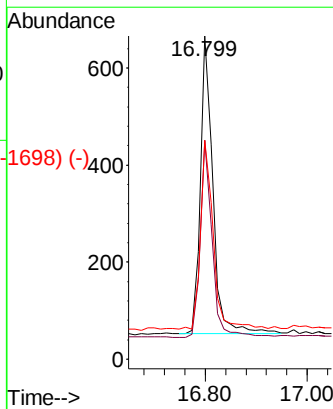
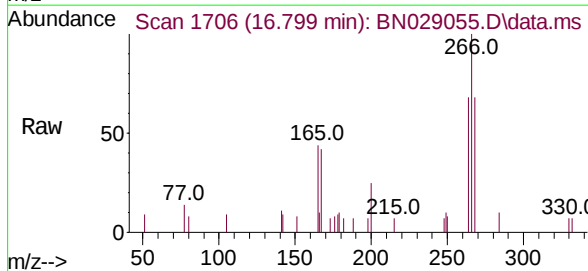
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

Tgt Ion:	200	Resp:	1133
Ion	Ratio	Lower	Upper
200	100		
173	23.8	19.3	28.9
215	47.8	36.1	54.1

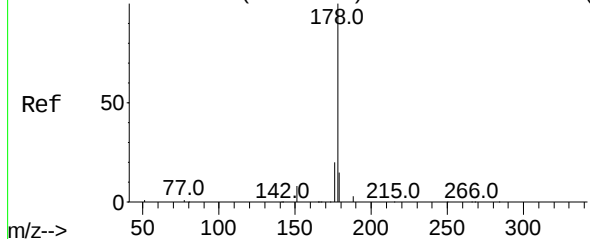


Scan 1706 (16.799 min): BN029051.D\data.ms (-1721) (-)
 Pentachlorophenol
 Concen: 0.425 ng
 RT: 16.799 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: BN029055.D
 Acq: 06 Dec 2023 14:46

Tgt Ion:	266	Resp:	1023
Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.7	76.1
268	64.2	49.5	74.3



Abundance Scan 1737 (17.184 min): BN029051.D\data.ms (-1725) (-)



Phenanthrene

Concen: 0.354 ng

RT: 17.184 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

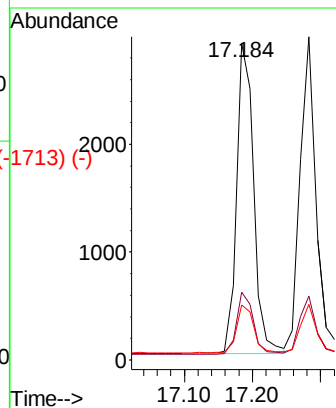
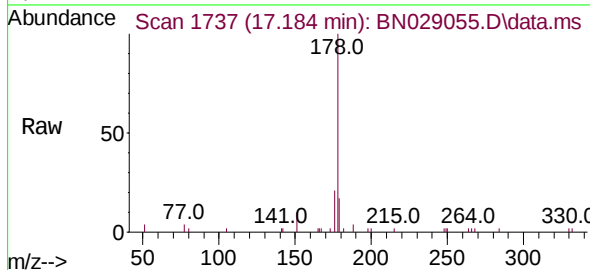
Tgt Ion:178 Resp: 5048

Ion Ratio Lower Upper

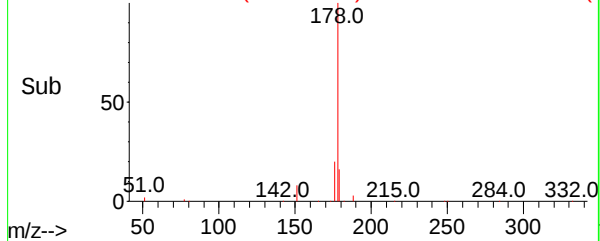
178 100

176 19.6 15.6 23.4

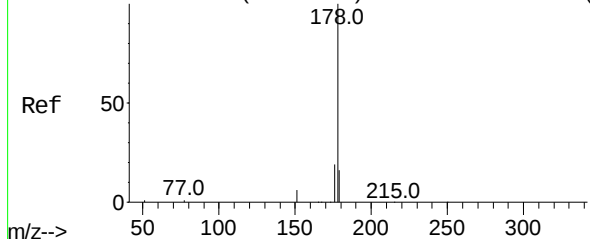
179 15.9 12.6 18.8



Abundance Scan 1737 (17.184 min): BN029055.D\data.ms (-1713) (-)



Abundance Scan 1745 (17.283 min): BN029051.D\data.ms (-1725) (-)



Anthracene

Concen: 0.345 ng

RT: 17.283 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

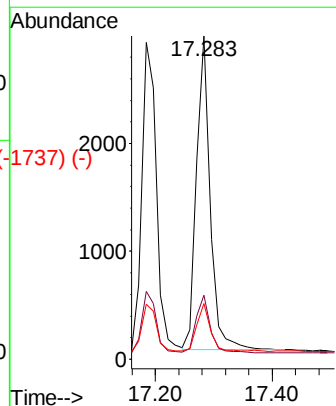
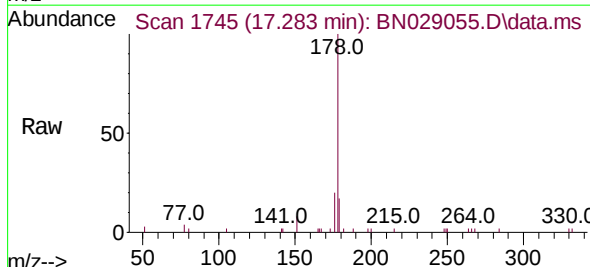
Tgt Ion:178 Resp: 4761

Ion Ratio Lower Upper

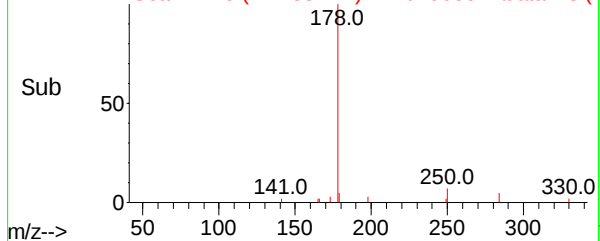
178 100

176 19.0 15.0 22.4

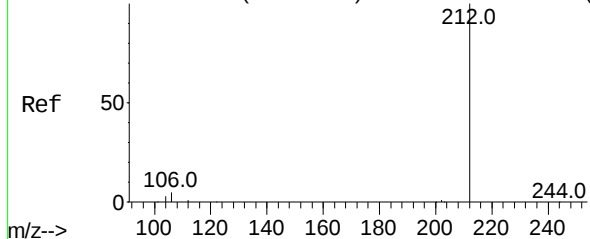
179 15.3 12.6 19.0



Abundance Scan 1745 (17.283 min): BN029055.D\data.ms (-1737) (-)



Abundance Scan 1989 (19.185 min): BN029051.D\data.ms (-1925) (-)



Fluoranthene-d10

Concen: 0.316 ng

RT: 19.186 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

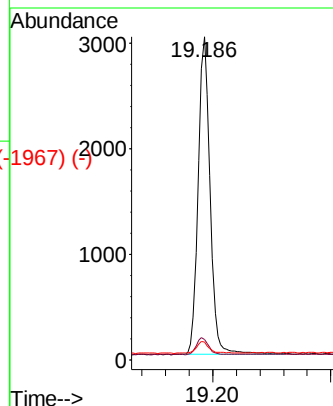
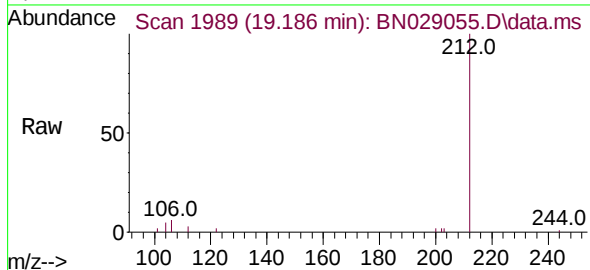
Tgt Ion:212 Resp: 4248

Ion Ratio Lower Upper

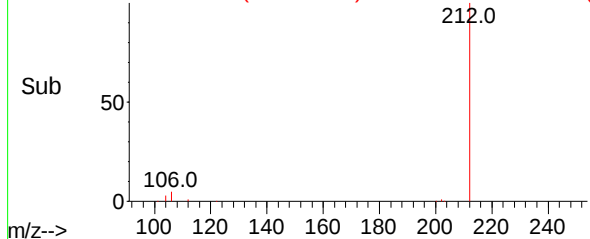
212 100

106 5.4 3.9 5.9

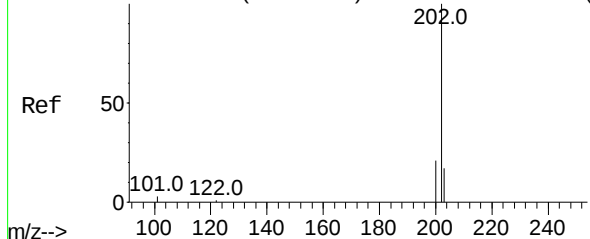
104 4.2 2.6 3.8#



Abundance Scan 1989 (19.186 min): BN029055.D\data.ms (-1967) (-)



Abundance Scan 1995 (19.213 min): BN029051.D\data.ms (-1925) (-)



Fluoranthene

Concen: 0.330 ng

RT: 19.213 min Scan# 1995

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

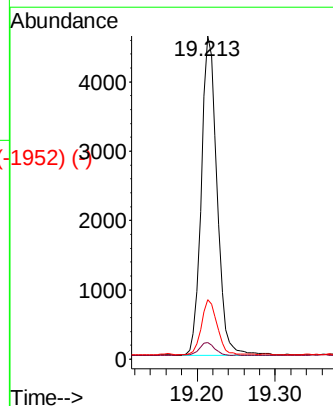
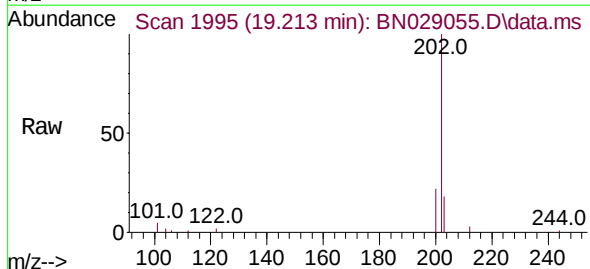
Tgt Ion:202 Resp: 6470

Ion Ratio Lower Upper

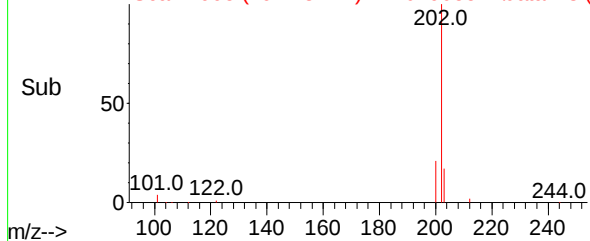
202 100

101 4.0 3.0 4.6

203 17.0 13.8 20.6



Abundance Scan 1995 (19.213 min): BN029055.D\data.ms (-1952) (-)



Abundance Scan 2419 (21.347 min): BN029051.D\data.ms (-2419) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2419

Delta R.T. 0.009 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

Tgt Ion:240 Resp: 3040

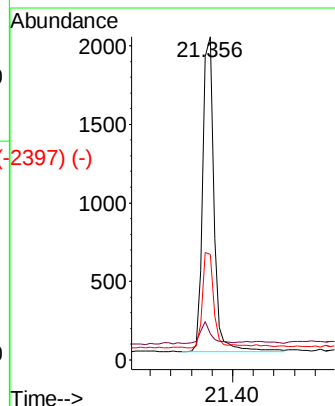
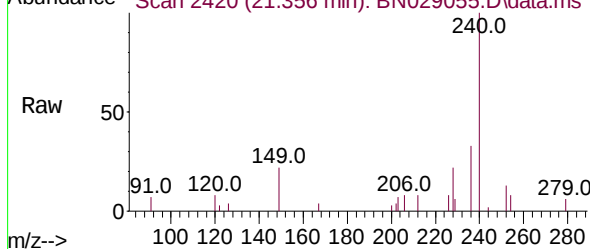
Ion Ratio Lower Upper

240 100

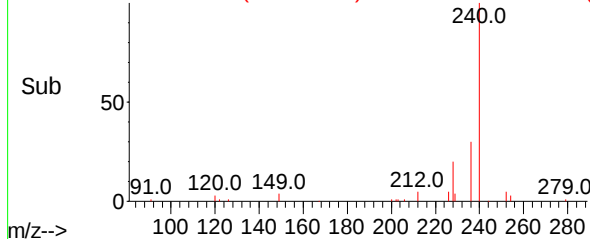
120 8.1 6.7 10.1

236 32.6 25.7 38.5

Abundance Scan 2420 (21.356 min): BN029055.D\data.ms



Abundance Scan 2420 (21.356 min): BN029055.D\data.ms (-2397) (-)



Abundance Scan 2074 (19.580 min): BN029051.D\data.ms (-2039) (-)

Pyrene

Concen: 0.347 ng

RT: 19.580 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Tgt Ion:202 Resp: 6542

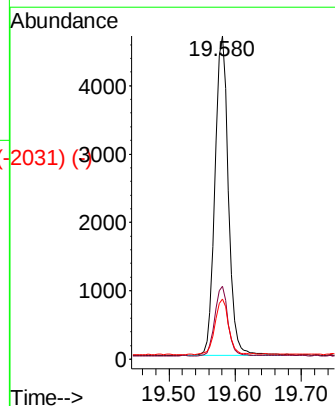
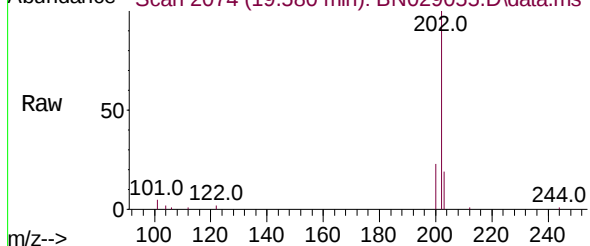
Ion Ratio Lower Upper

202 100

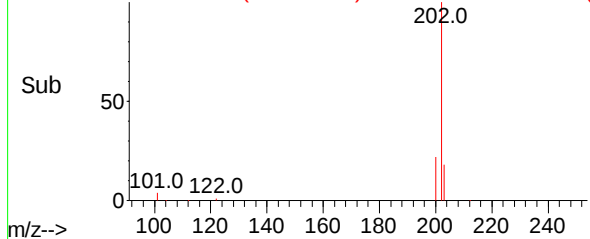
200 21.2 17.0 25.6

203 17.7 14.2 21.4

Abundance Scan 2074 (19.580 min): BN029055.D\data.ms



Abundance Scan 2074 (19.580 min): BN029055.D\data.ms (-2031) (-)



Abundance Scan 2120 (19.794 min): BN029051.D\data.ms (-2109) (-)

Terphenyl-d14

Concen: 0.342 ng

RT: 19.794 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BN029055.D

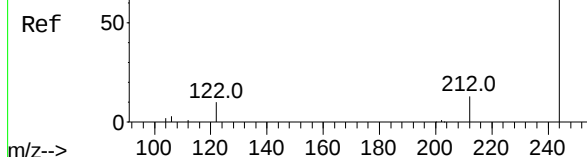
Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS



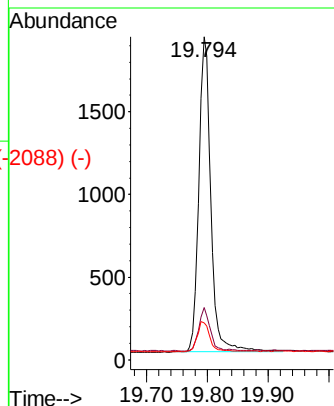
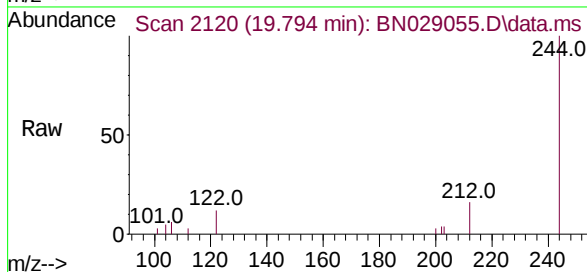
Tgt Ion:244 Resp: 2630

Ion Ratio Lower Upper

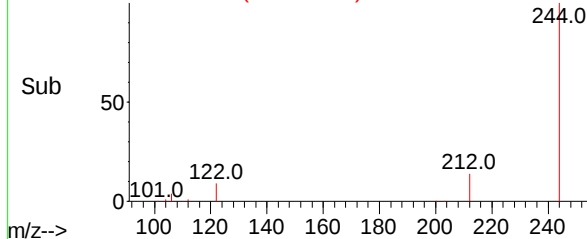
244 100

212 16.1 11.6 17.4

122 11.5 8.2 12.4



Abundance Scan 2120 (19.794 min): BN029055.D\data.ms (-2088) (-)



Abundance Scan 2418 (21.338 min): BN029051.D\data.ms (-2432) (-)

Benzo(a)anthracene

Concen: 0.352 ng

RT: 21.338 min Scan# 2418

Delta R.T. 0.009 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

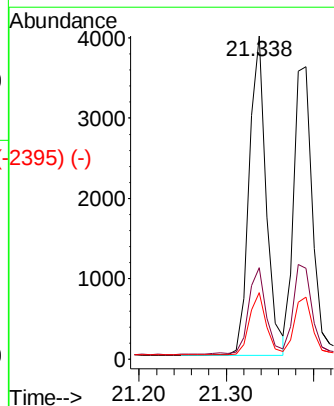
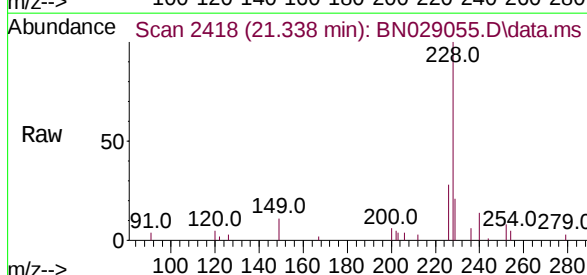
Tgt Ion:228 Resp: 5435

Ion Ratio Lower Upper

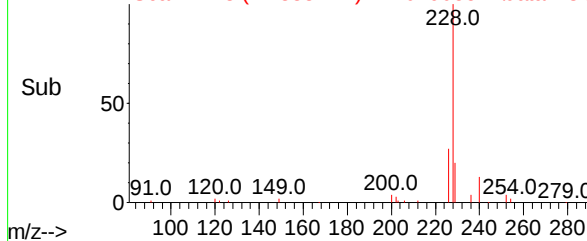
228 100

226 28.2 23.8 35.6

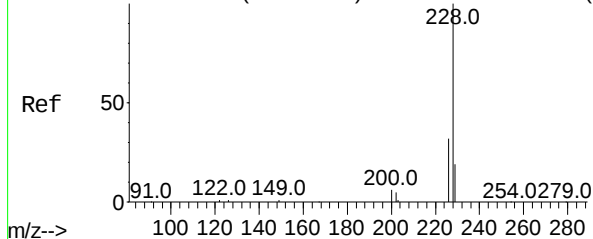
229 20.6 16.0 24.0



Abundance Scan 2418 (21.338 min): BN029055.D\data.ms (-2395) (-)



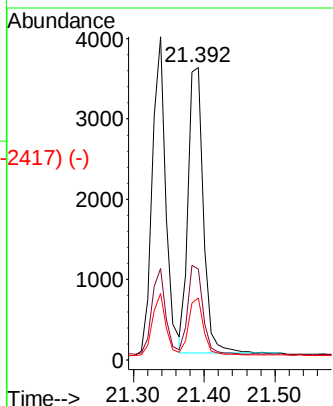
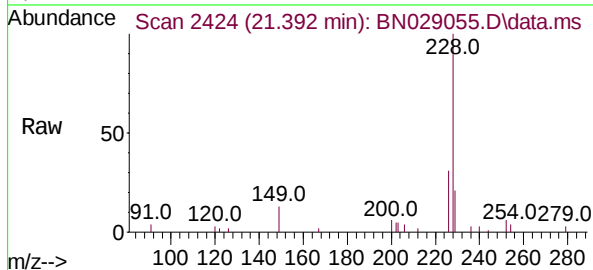
Abundance Scan 2423 (21.383 min): BN029051.D\data.ms (-2423) (-)



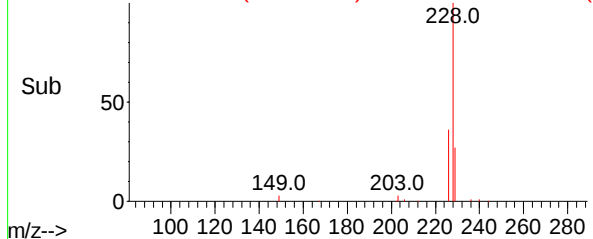
Chrysene
Concen: 0.351 ng
RT: 21.392 min Scan# 2423
Delta R.T. 0.009 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Instrument :
BNA_N
ClientSampleId :
PB156825BS

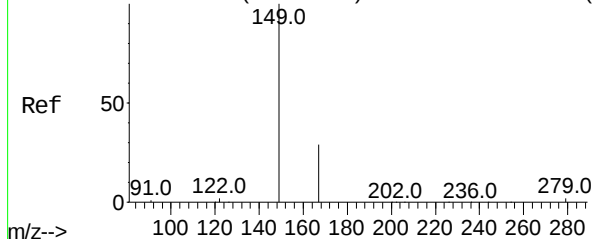
Tgt Ion:	228	Resp:	5320
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	21.3	16.0	24.0



Abundance Scan 2424 (21.392 min): BN029055.D\data.ms (-2417) (-)

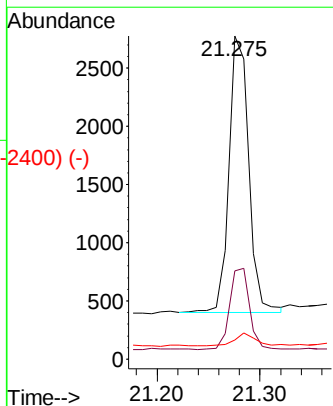
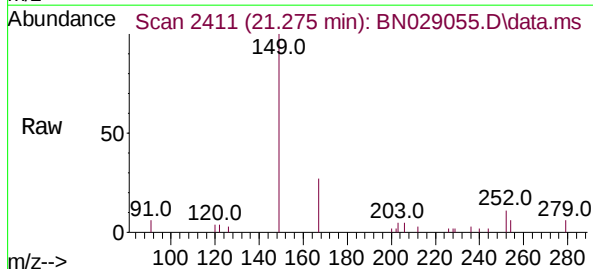


Abundance Scan 2411 (21.275 min): BN029051.D\data.ms (-2434) (-)

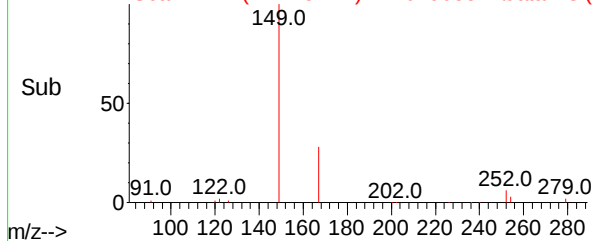


Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Tgt Ion:	149	Resp:	3140
Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.2
279	5.1	3.4	5.2



Abundance Scan 2411 (21.275 min): BN029055.D\data.ms (-2400) (-)



Abundance Scan 2971 (23.672 min): BN029051.D\data.ms (-2935) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.673 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

Tgt Ion:264 Resp: 2684

Ion Ratio Lower Upper

264 100

260 31.9 23.9 35.9

265 93.8 52.7 79.1#

Abundance Scan 2971 (23.673 min): BN029055.D\data.ms

Ref 50

125.0

264.0

Raw 50

125.0

264.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2971 (23.673 min): BN029055.D\data.ms (-2919) (-)

Sub 50

125.0

264.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.673

1000

500

0

Time-->

23.60 23.70

Abundance Scan 3783 (26.046 min): BN029051.D\data.ms (-3736) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng

RT: 26.050 min Scan# 3784

Delta R.T. 0.009 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Tgt Ion:276 Resp: 5281

Ion Ratio Lower Upper

276 100

138 11.8 9.6 14.4

277 24.3 19.4 29.0

Abundance Scan 3784 (26.050 min): BN029055.D\data.ms

Ref 50

138.0

276.0

Raw 50

138.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3784 (26.050 min): BN029055.D\data.ms (-3747) (-)

Sub 50

138.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.050

1500

1000

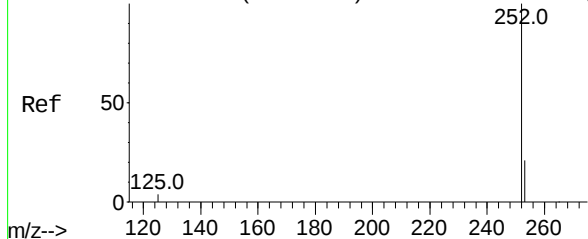
500

0

Time-->

26.00

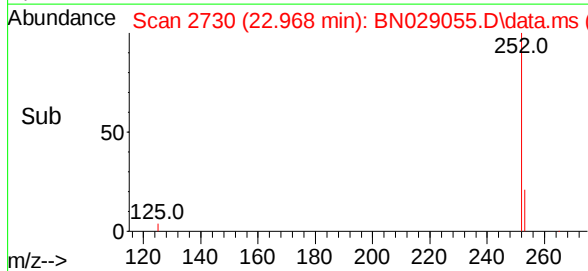
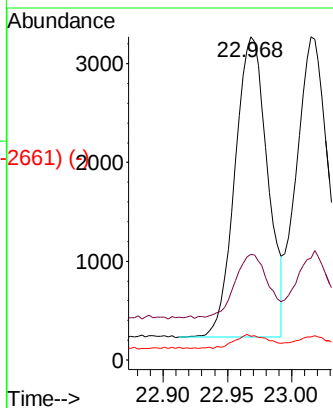
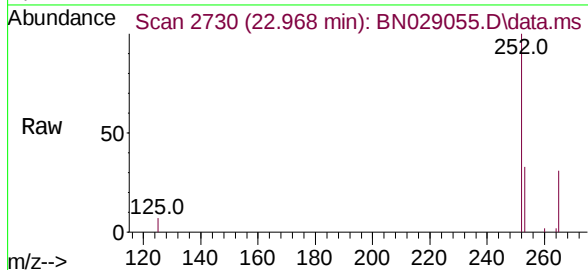
Abundance Scan 2729 (22.965 min): BN029051.D\data.ms (-2737) (-)



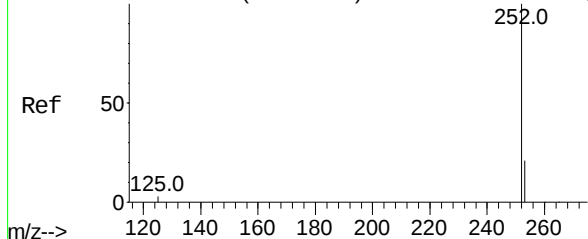
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.968 min Scan# 2730
Delta R.T. 0.003 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Instrument :
BNA_N
ClientSampleId :
PB156825BS

Tgt Ion:252 Resp: 5339
Ion Ratio Lower Upper
252 100
253 32.7 23.0 34.6
125 7.4 5.4 8.0

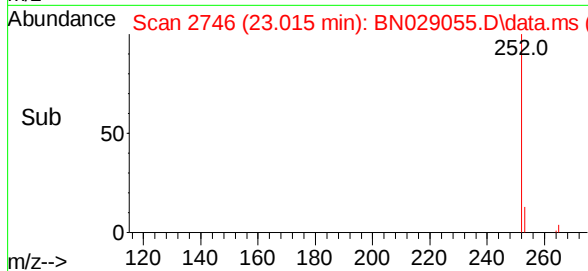
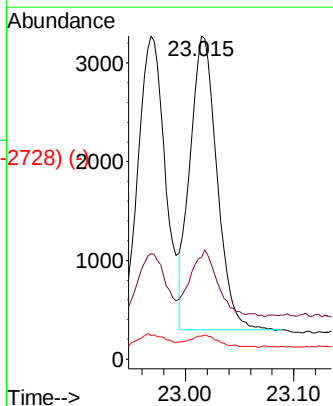
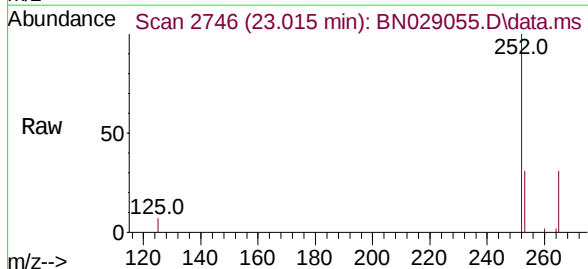


Abundance Scan 2746 (23.015 min): BN029051.D\data.ms (-2738) (-)

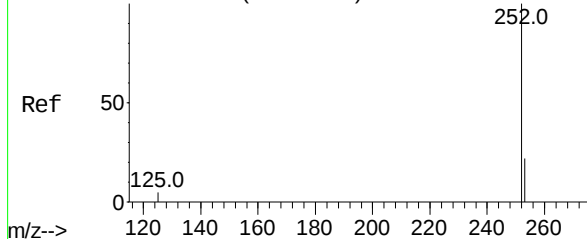


Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.015 min Scan# 2746
Delta R.T. 0.003 min
Lab File: BN029055.D
Acq: 06 Dec 2023 14:46

Tgt Ion:252 Resp: 5112
Ion Ratio Lower Upper
252 100
253 31.5 23.0 34.4
125 7.1 5.0 7.6



Abundance Scan 2936 (23.570 min): BN029051.D\data.ms (-2936) (-)



Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.570 min Scan# 2936

Delta R.T. 0.006 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

Instrument :

BNA_N

ClientSampleId :

PB156825BS

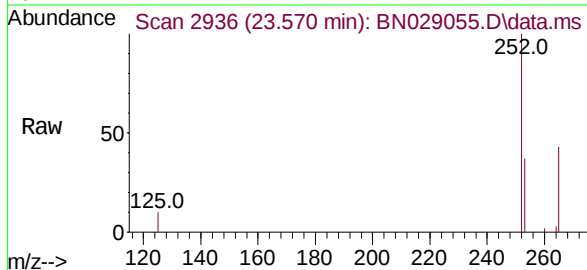
Tgt Ion:252 Resp: 4348

Ion Ratio Lower Upper

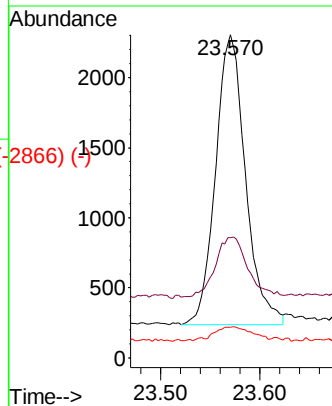
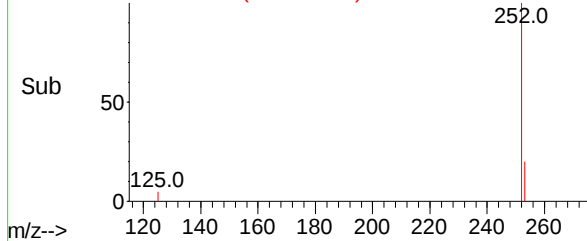
252 100

253 37.3 25.3 37.9

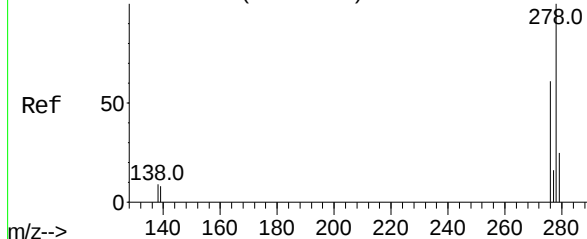
125 9.6 6.5 9.7



Abundance Scan 2936 (23.570 min): BN029055.D\data.ms (-2866) (-)



Abundance Scan 3793 (26.076 min): BN029051.D\data.ms (-3793) (-)



Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 26.076 min Scan# 3793

Delta R.T. 0.003 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

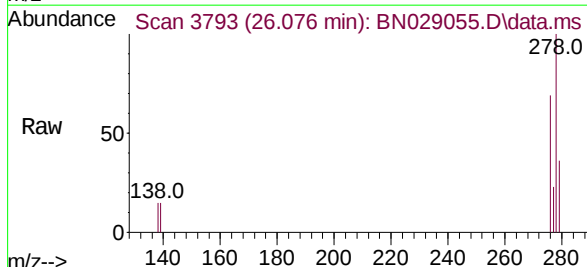
Tgt Ion:278 Resp: 4106

Ion Ratio Lower Upper

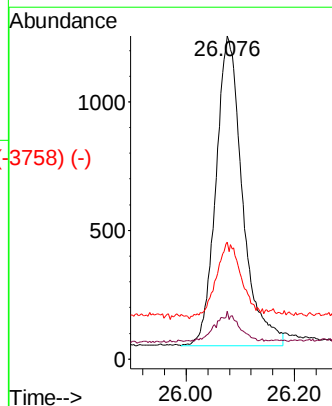
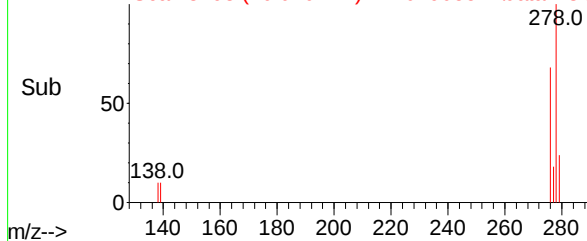
278 100

139 14.8 9.4 14.2#

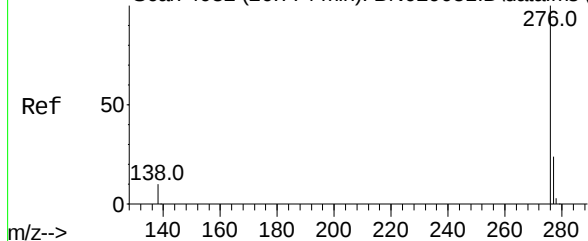
279 36.3 24.2 36.4



Abundance Scan 3793 (26.076 min): BN029055.D\data.ms (-3758) (-)



Abundance Scan 4032 (26.774 min): BN029051.D\data.ms (-4032) (-)



Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 26.778 min Scan# 4033

Delta R.T. 0.009 min

Lab File: BN029055.D

Acq: 06 Dec 2023 14:46

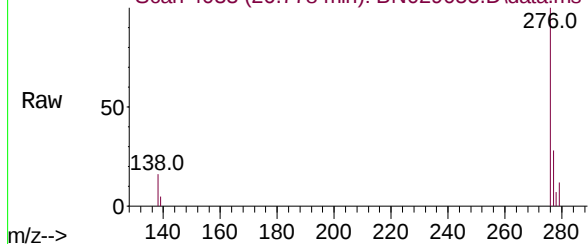
Instrument :

BNA_N

ClientSampleId :

PB156825BS

Abundance Scan 4033 (26.778 min): BN029055.D\data.ms



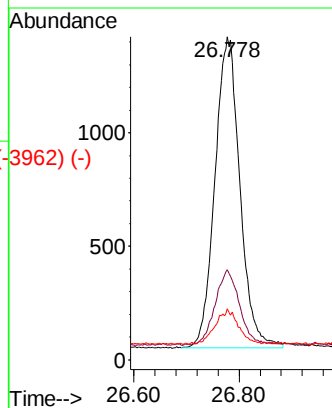
Tgt Ion:276 Resp: 4511

Ion Ratio Lower Upper

276 100

277 27.8 20.3 30.5

138 15.9 9.2 13.8#



Abundance Scan 4033 (26.778 min): BN029055.D\data.ms (-3962) (-)

