

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
 Data File : BN029192.D
 Acq On : 26 Dec 2023 14:47
 Operator : MA/JU
 Sample : PB158020BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158020BS

Quant Time: Dec 26 15:17:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 23 03:51:02 2023
 Response via : Initial Calibration

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

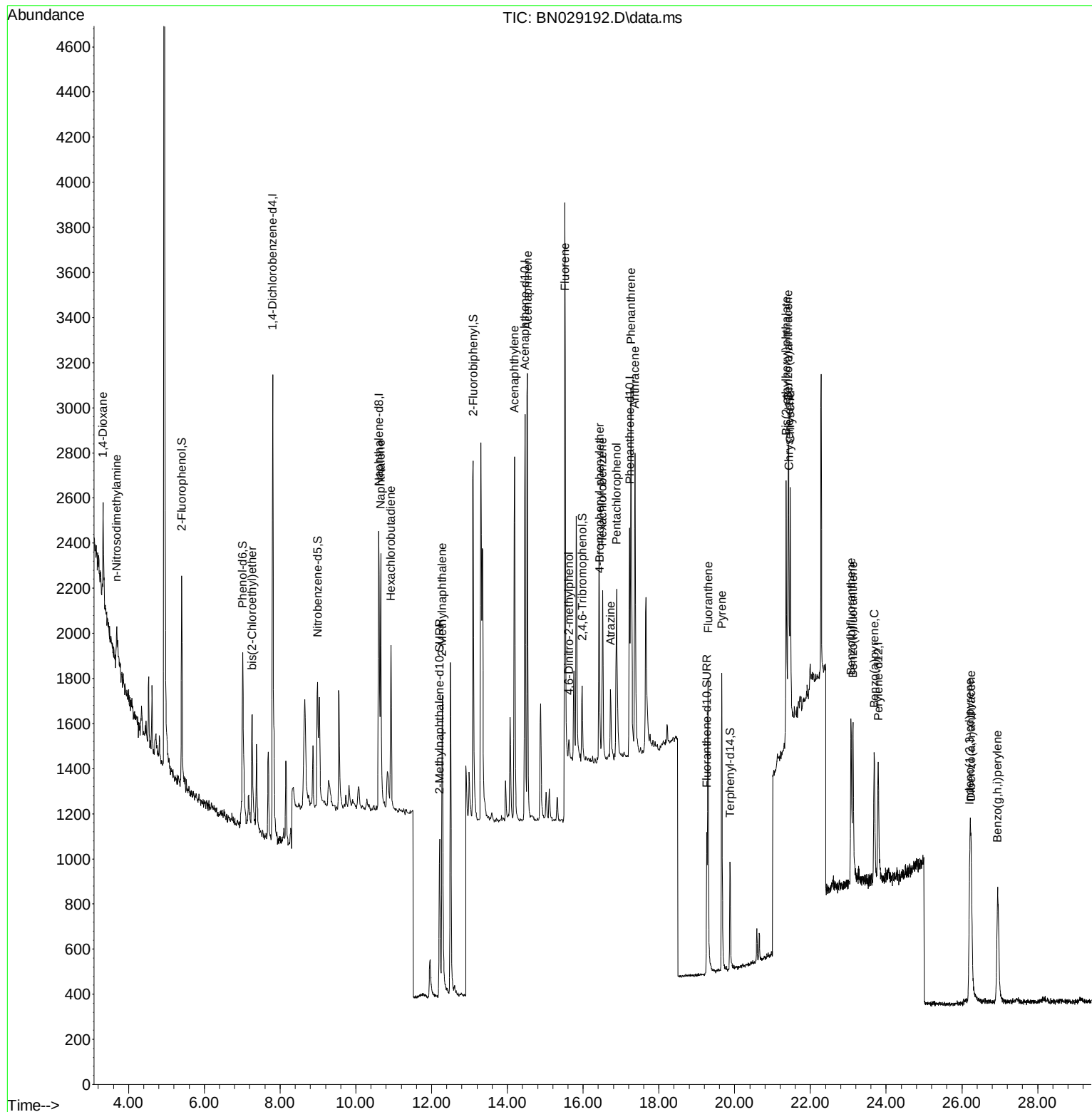
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1095	0.400	ng	0.02
7) Naphthalene-d8	10.605	136	2037	0.400	ng	# 0.03
13) Acenaphthene-d10	14.468	164	1108	0.400	ng	0.04
19) Phenanthrene-d10	17.231	188	1675	0.400	ng	0.05
29) Chrysene-d12	21.434	240	592	0.400	ng	0.05
35) Perylene-d12	23.796	264	777	0.400	ng	0.09
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	832	0.333	ng	0.02
5) Phenol-d6	7.009	99	912	0.325	ng	0.02
8) Nitrobenzene-d5	8.993	82	703	0.277	ng	0.03
11) 2-Methylnaphthalene-d10	12.212	152	1317	0.395	ng	0.05
14) 2,4,6-Tribromophenol	15.977	330	226	0.278	ng	0.05
15) 2-Fluorobiphenyl	13.100	172	1801	0.287	ng	0.04
27) Fluoranthene-d10	19.266	212	824	0.236	ng	0.05
31) Terphenyl-d14	19.880	244	505	0.293	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	354	0.366	ng	# 10
3) n-Nitrosodimethylamine	3.687	42	210	0.290	ng	80
6) bis(2-Chloroethyl)ether	7.262	93	526	0.267	ng	98
9) Naphthalene	10.658	128	1649	0.262	ng	98
10) Hexachlorobutadiene	10.925	225	473	0.244	ng	# 98
12) 2-Methylnaphthalene	12.280	142	1152	0.258	ng	99
16) Acenaphthylene	14.190	152	2022	0.276	ng	98
17) Acenaphthene	14.532	154	1123	0.250	ng	99
18) Fluorene	15.518	166	1475	0.233	ng	96
20) 4,6-Dinitro-2-methylph...	15.629	198	139	0.364	ng	98
21) 4-Bromophenyl-phenylether	16.436	248	387	0.246	ng	# 70
22) Hexachlorobenzene	16.511	284	465	0.250	ng	97
23) Atrazine	16.722	200	370	0.258	ng	# 86
24) Pentachlorophenol	16.883	266	474	0.439	ng	96
25) Phenanthrene	17.268	178	1968	0.268	ng	99
26) Anthracene	17.367	178	1841	0.261	ng	98
28) Fluoranthene	19.299	202	1458	0.222	ng	99
30) Pyrene	19.661	202	1438	0.258	ng	97
32) Benzo(a)anthracene	21.416	228	983	0.292	ng	99
33) Chrysene	21.469	228	971	0.297	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.362	149	1219	0.285	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.211	276	1463	0.279	ng	# 95
37) Benzo(b)fluoranthene	23.076	252	1138	0.279	ng	95
38) Benzo(k)fluoranthene	23.123	252	1115	0.264	ng	91
39) Benzo(a)pyrene	23.688	252	999	0.268	ng	97
40) Dibenzo(a,h)anthracene	26.246	278	1070	0.269	ng	99
41) Benzo(g,h,i)perylene	26.945	276	1209	0.271	ng	95

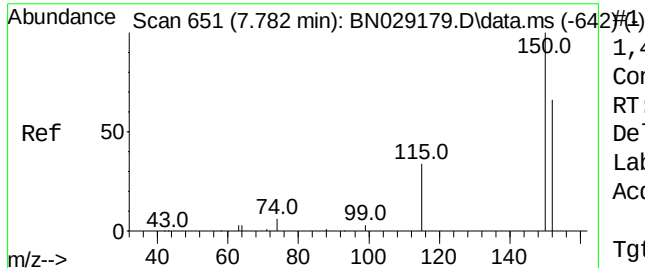
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.804 min Scan#

Delta R.T. 0.022 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

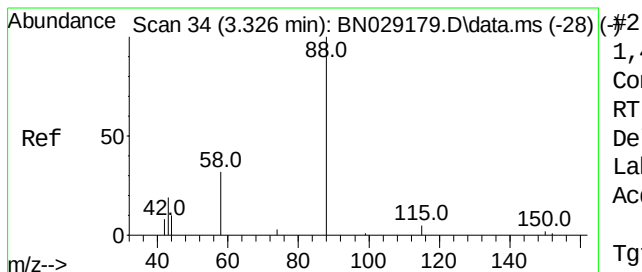
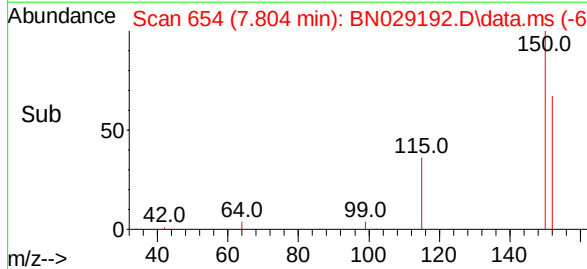
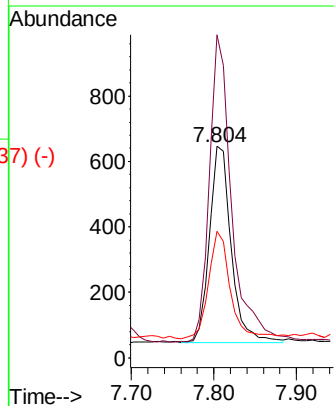
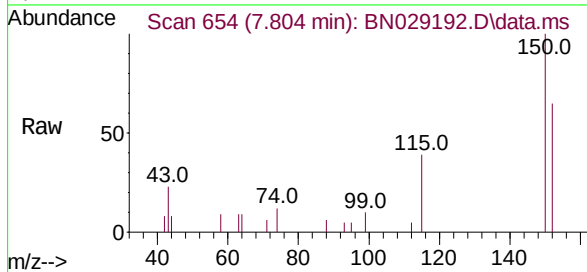
Tgt Ion:152 Resp: 1095

Ion Ratio Lower Upper

152 100

150 152.8 117.5 176.3

115 59.9 46.3 69.5



1,4-Dioxane

Concen: 0.366 ng

RT: 3.326 min Scan# 34

Delta R.T. 0.000 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

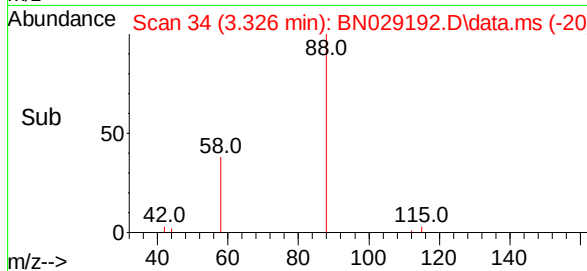
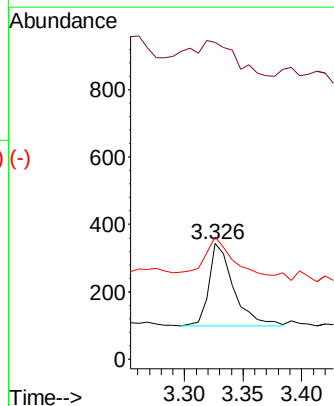
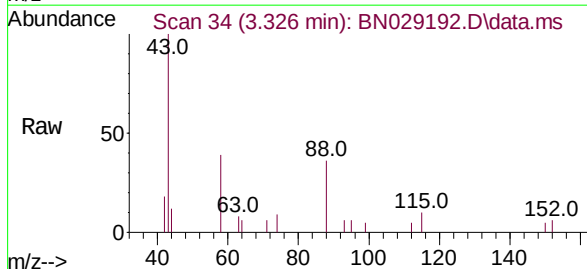
Tgt Ion: 88 Resp: 354

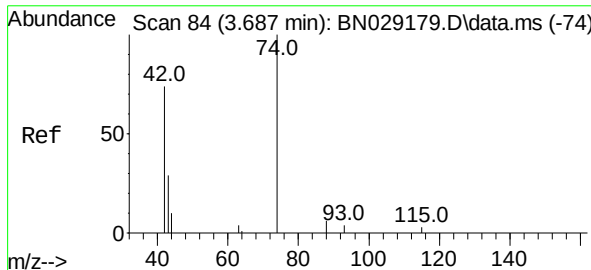
Ion Ratio Lower Upper

88 100

43 88.7 19.1 28.7#

58 71.8 28.2 42.4#

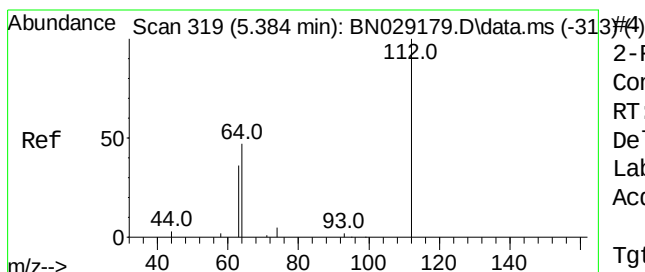
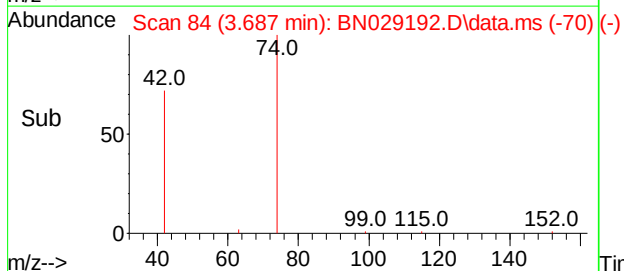
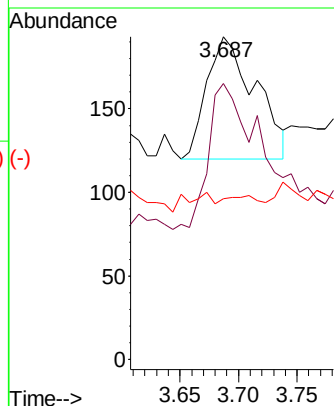
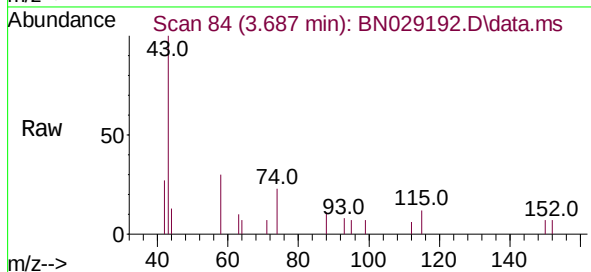




n-Nitrosodimethylamine
 Concen: 0.290 ng
 RT: 3.687 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BN029192.D
 Acq: 26 Dec 2023 14:47

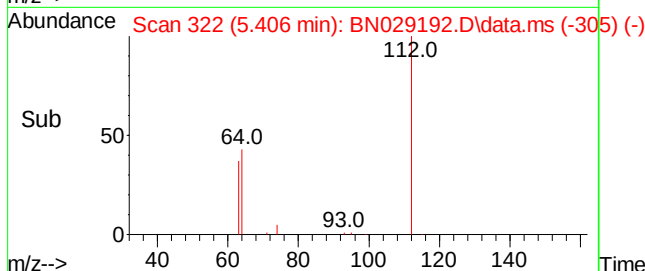
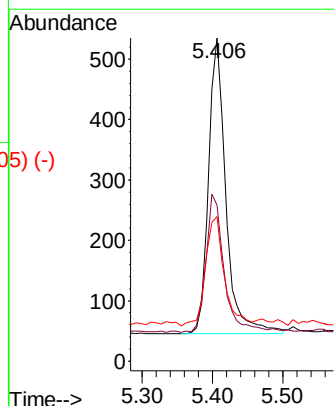
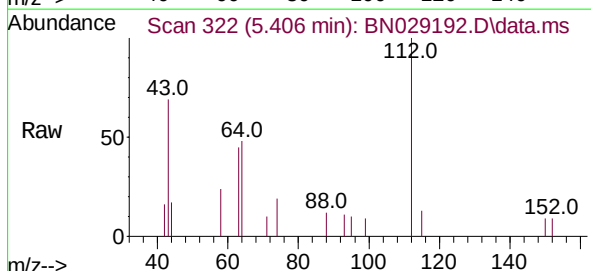
Instrument :
 BNA_N
 ClientSampleId :
 PB158020BS

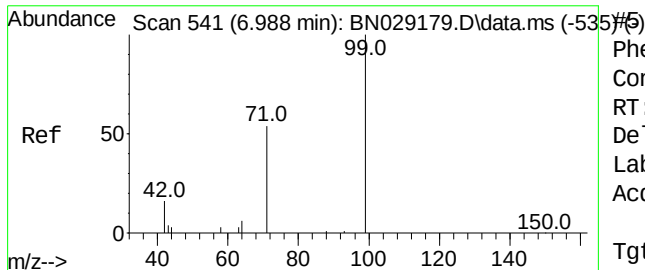
Tgt Ion:	42	Resp:	210
Ion	Ratio	Lower	Upper
42	100		
74	142.4	95.1	142.7
44	8.6	7.6	11.4



2-Fluorophenol
 Concen: 0.333 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.022 min
 Lab File: BN029192.D
 Acq: 26 Dec 2023 14:47

Tgt Ion:	112	Resp:	832
Ion	Ratio	Lower	Upper
112	100		
64	49.4	37.8	56.6
63	40.3	29.4	44.0





Phenol-d6

Concen: 0.325 ng

RT: 7.009 min Scan# 541

Delta R.T. 0.022 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

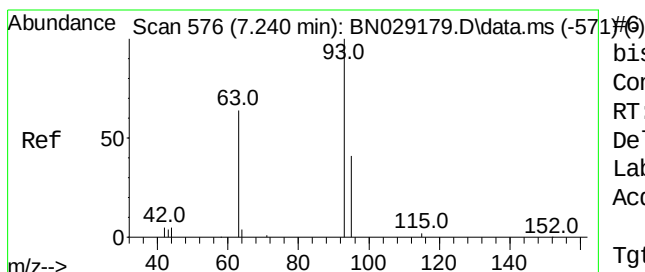
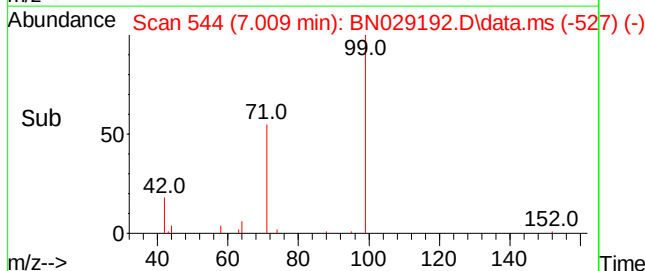
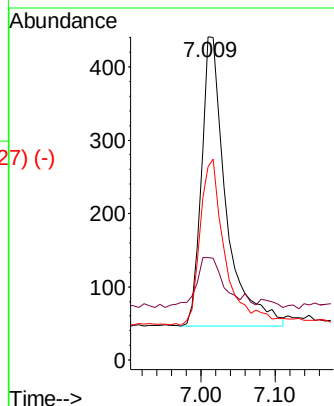
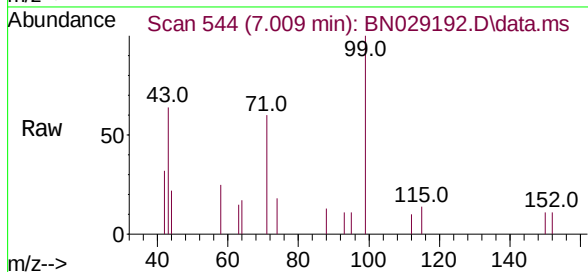
Tgt Ion: 99 Resp: 912

Ion Ratio Lower Upper

99 100

42 20.1 16.8 25.2

71 59.3 43.4 65.2



bis(2-Chloroethyl)ether

Concen: 0.267 ng

RT: 7.262 min Scan# 579

Delta R.T. 0.022 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

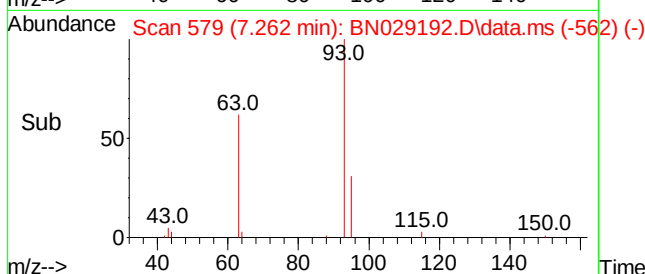
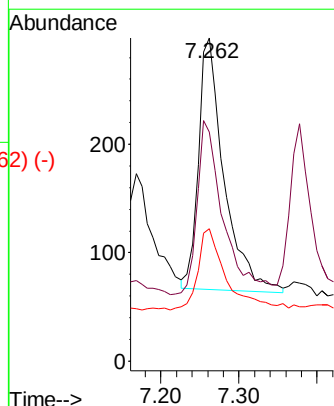
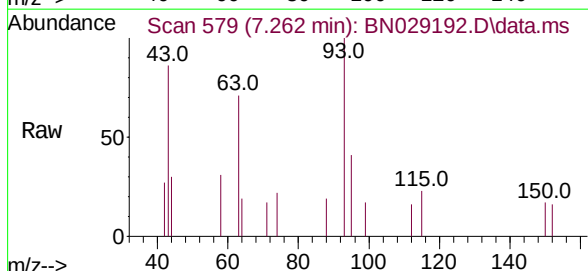
Tgt Ion: 93 Resp: 526

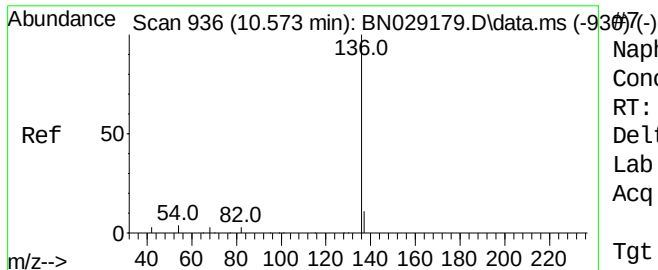
Ion Ratio Lower Upper

93 100

63 71.1 58.4 87.6

95 36.1 29.2 43.8





Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 936

Delta R.T. 0.032 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

Tgt Ion:136 Resp: 2037

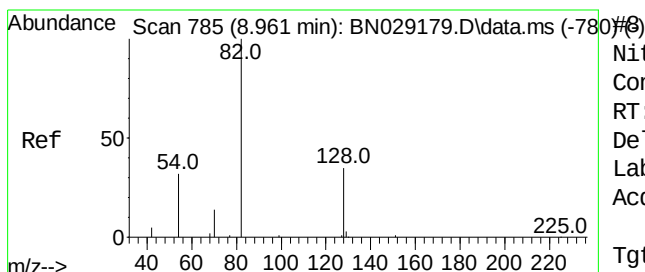
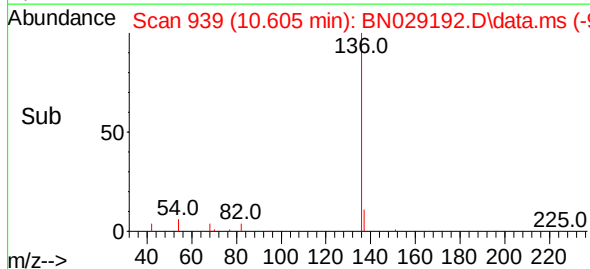
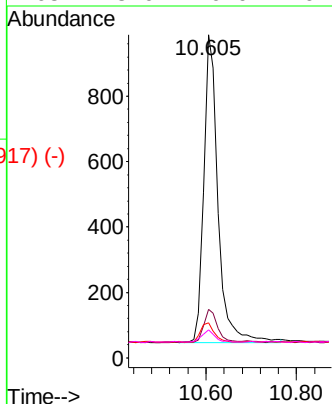
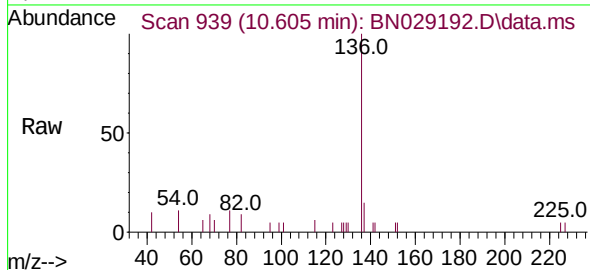
Ion Ratio Lower Upper

136 100

137 15.1 12.1 18.1

54 10.9 7.2 10.8#

68 8.6 6.0 9.0



Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.993 min Scan# 788

Delta R.T. 0.032 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

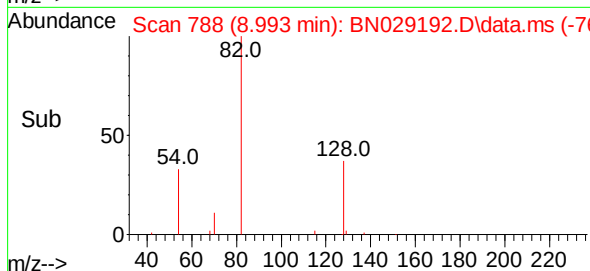
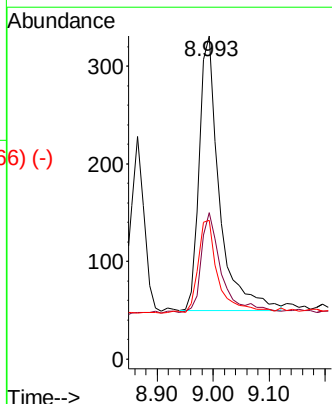
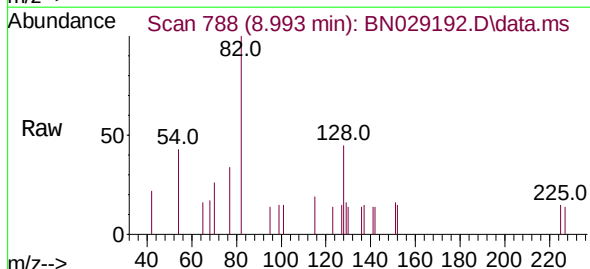
Tgt Ion: 82 Resp: 703

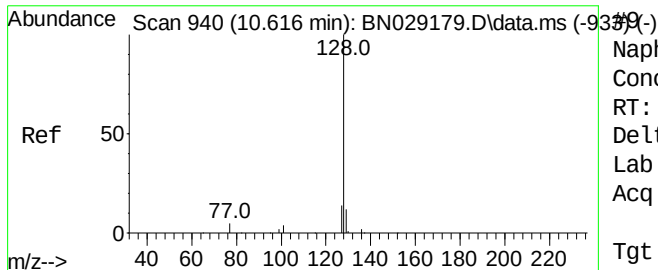
Ion Ratio Lower Upper

82 100

128 45.3 34.5 51.7

54 42.9 33.4 50.0





Naphthalene

Concen: 0.262 ng

RT: 10.658 min Scan# 944

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

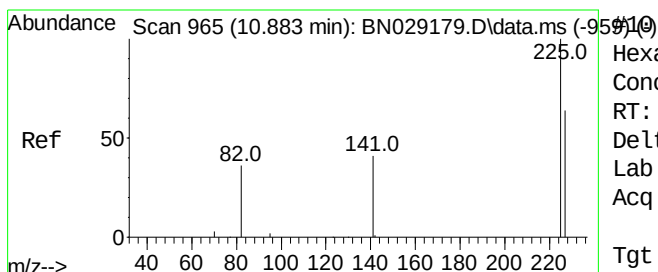
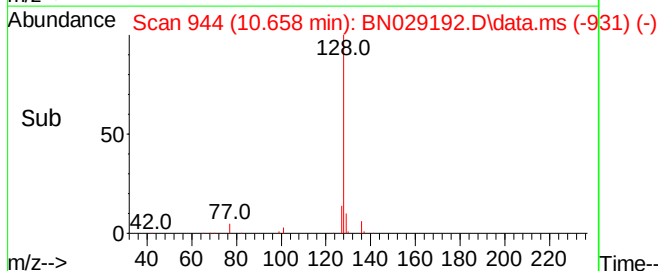
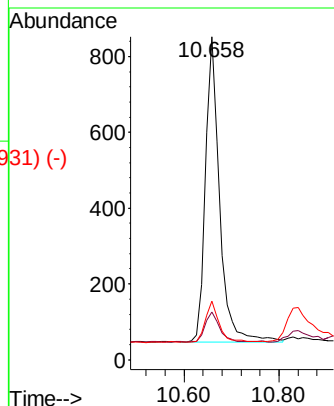
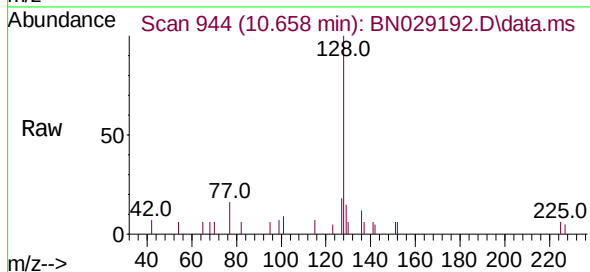
Tgt Ion:128 Resp: 1649

Ion Ratio Lower Upper

128 100

129 14.8 13.0 19.6

127 18.1 14.4 21.6



Hexachlorobutadiene

Concen: 0.244 ng

RT: 10.925 min Scan# 969

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

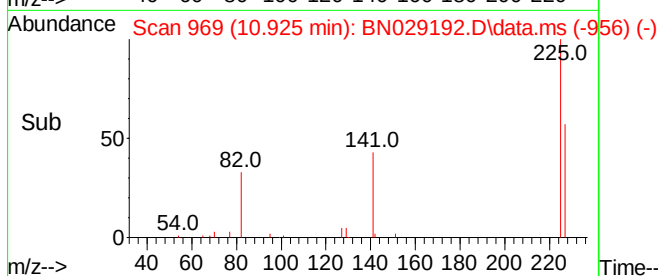
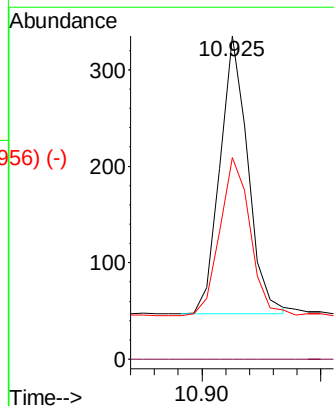
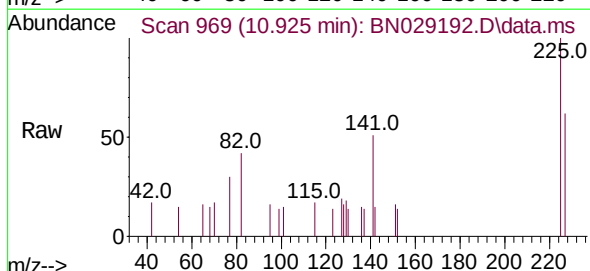
Tgt Ion:225 Resp: 473

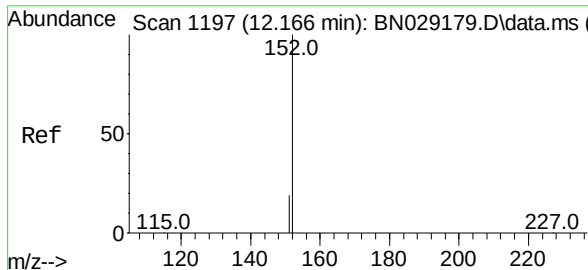
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 61.7 50.4 75.6

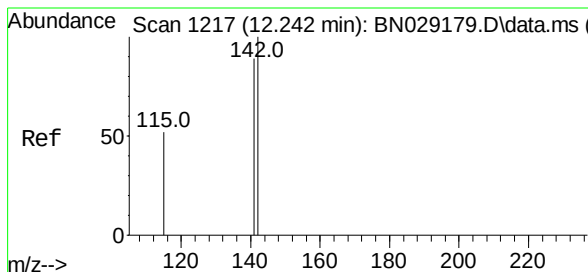
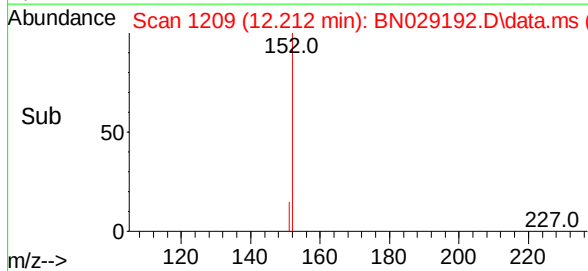
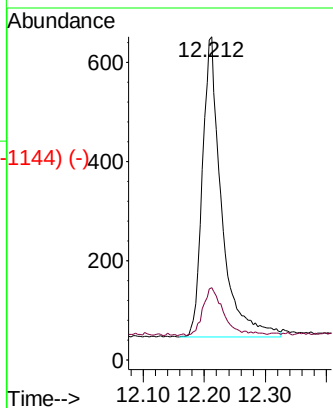
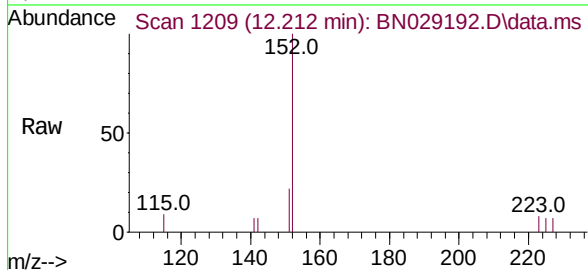




2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.212 min Scan# 1195
 Delta R.T. 0.045 min
 Lab File: BN029192.D
 Acq: 26 Dec 2023 14:47

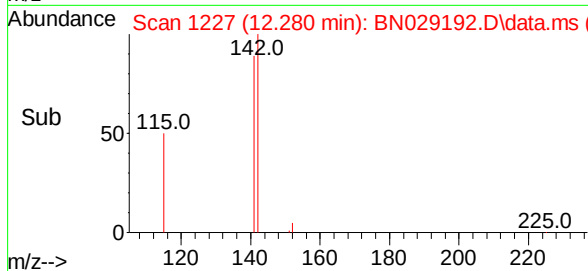
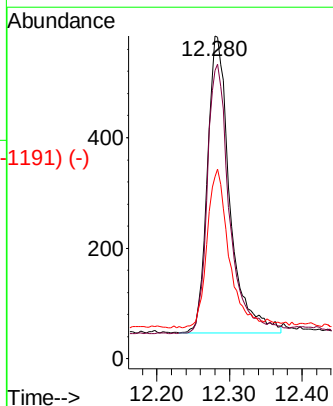
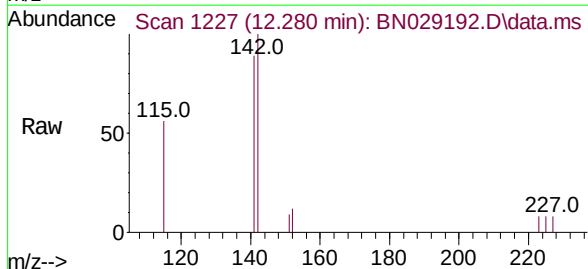
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 PB158020BS

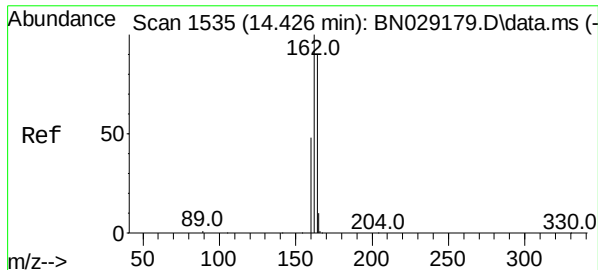
Tgt Ion:152 Resp: 1317
 Ion Ratio Lower Upper
 152 100
 151 17.4 17.4 26.0



2-Methylnaphthalene
 Concen: 0.258 ng
 RT: 12.280 min Scan# 1227
 Delta R.T. 0.038 min
 Lab File: BN029192.D
 Acq: 26 Dec 2023 14:47

Tgt Ion:142 Resp: 1152
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 56.3 46.1 69.1





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.468 min Scan# 1539

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

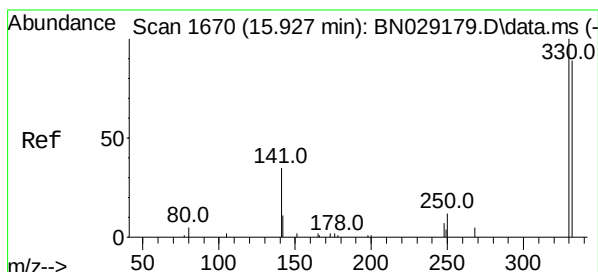
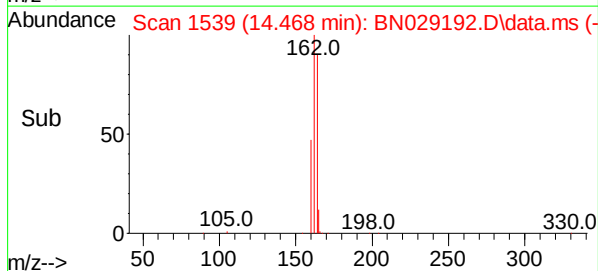
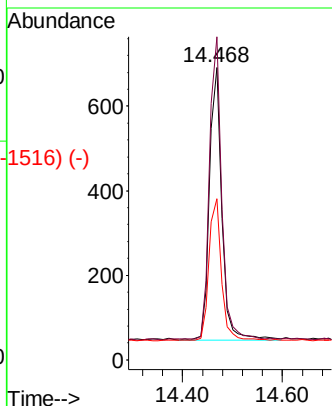
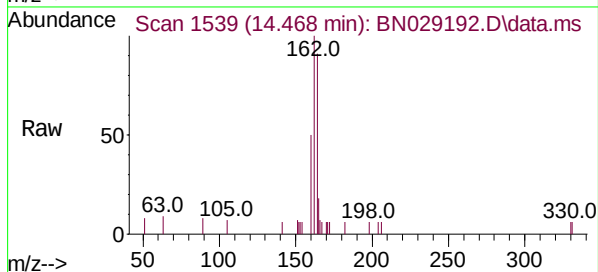
Tgt Ion:164 Resp: 1108

Ion Ratio Lower Upper

164 100

162 110.4 88.2 132.2

160 55.1 44.9 67.3



2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 15.977 min Scan# 1674

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

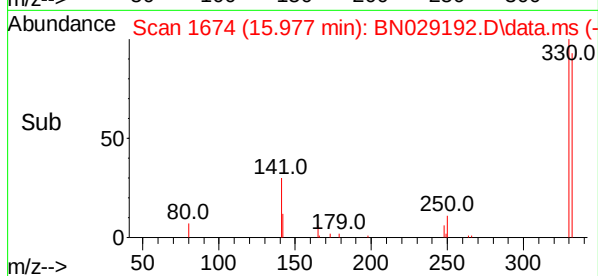
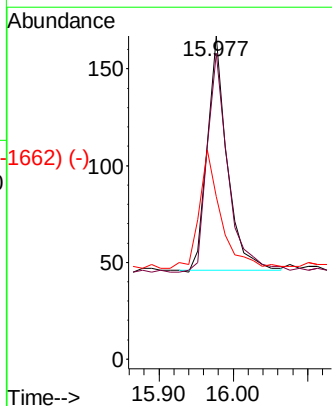
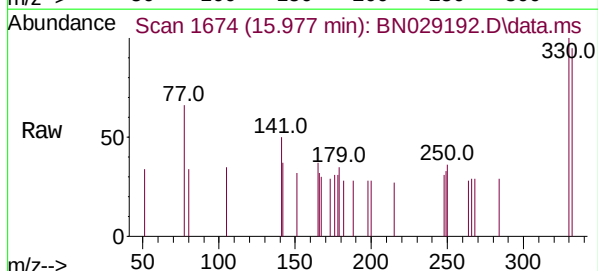
Tgt Ion:330 Resp: 226

Ion Ratio Lower Upper

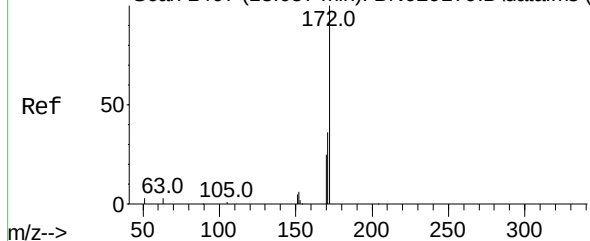
330 100

332 100.0 77.6 116.4

141 54.9 40.2 60.2



Abundance Scan 1407 (13.057 min): BN029179.D\data.ms (-1405)



2-Fluorobiphenyl

Concen: 0.287 ng

RT: 13.100 min Scan# 1411

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

Tgt Ion:172 Resp: 1801

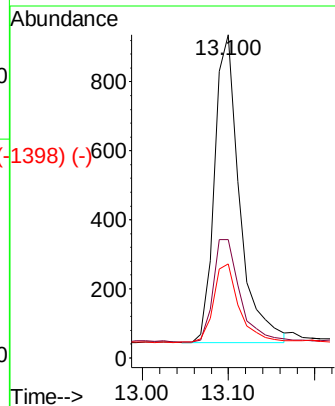
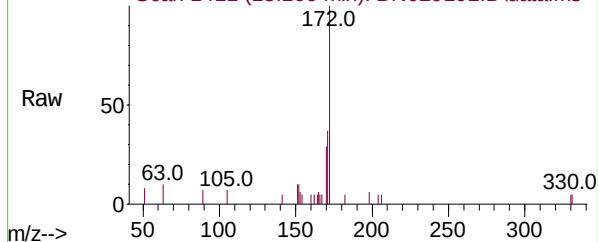
Ion Ratio Lower Upper

172 100

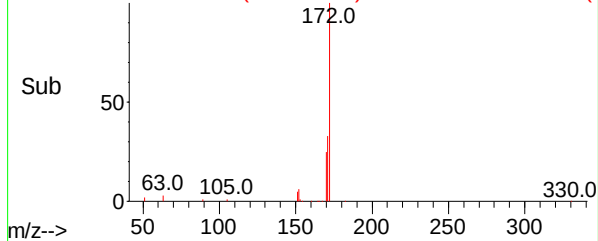
171 36.6 31.4 47.0

170 29.1 22.8 34.2

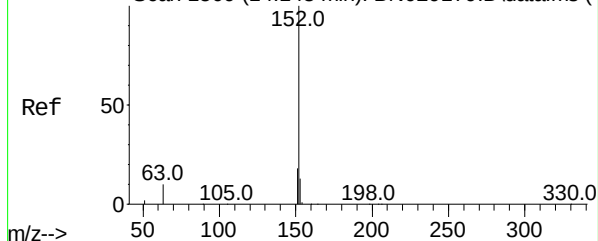
Abundance Scan 1411 (13.100 min): BN029192.D\data.ms



Abundance Scan 1411 (13.100 min): BN029192.D\data.ms (-1398)



Abundance Scan 1509 (14.148 min): BN029179.D\data.ms (-1508)



Acenaphthylene

Concen: 0.276 ng

RT: 14.190 min Scan# 1513

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Tgt Ion:152 Resp: 2022

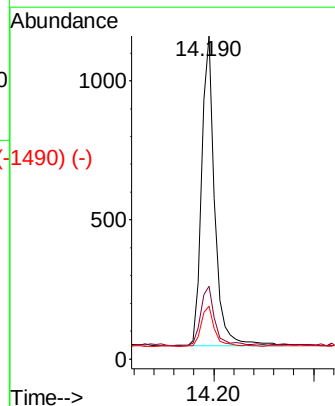
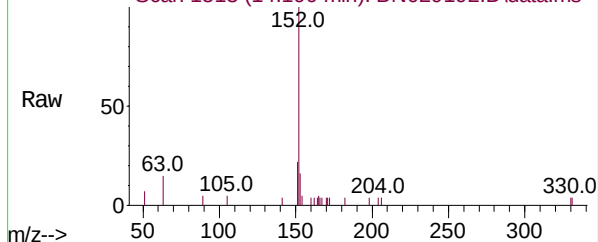
Ion Ratio Lower Upper

152 100

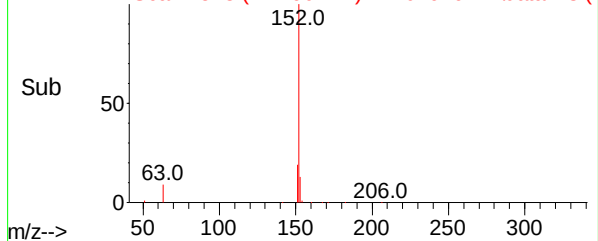
151 20.5 15.1 22.7

153 13.3 10.3 15.5

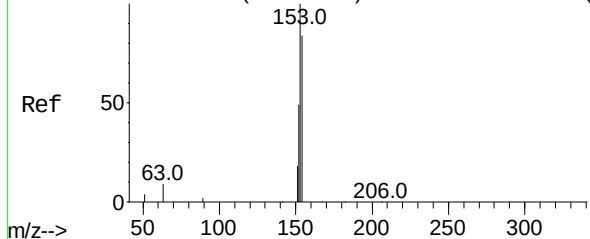
Abundance Scan 1513 (14.190 min): BN029192.D\data.ms



Abundance Scan 1513 (14.190 min): BN029192.D\data.ms (-1490)



Abundance Scan 1540 (14.479 min): BN029179.D\data.ms (-1536) (-)



Acenaphthene

Concen: 0.250 ng

RT: 14.532 min Scan# 1545

Delta R.T. 0.054 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

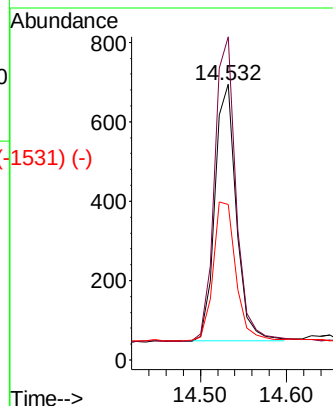
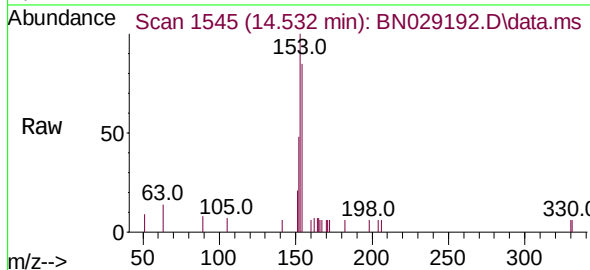
Tgt Ion:154 Resp: 1123

Ion Ratio Lower Upper

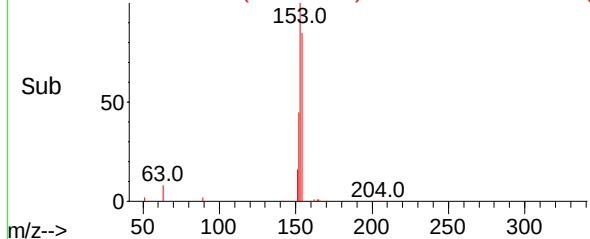
154 100

153 120.1 96.8 145.2

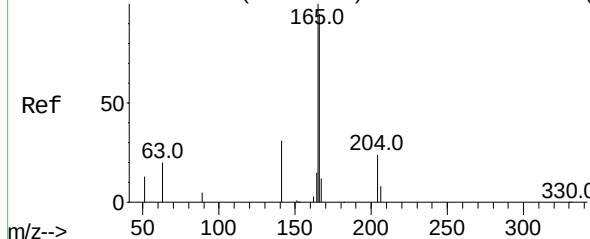
152 57.4 46.1 69.1



Abundance Scan 1545 (14.532 min): BN029192.D\data.ms (-1531) (-)



Abundance Scan 1633 (15.473 min): BN029179.D\data.ms (-1629) (-)



Fluorene

Concen: 0.233 ng

RT: 15.518 min Scan# 1637

Delta R.T. 0.045 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

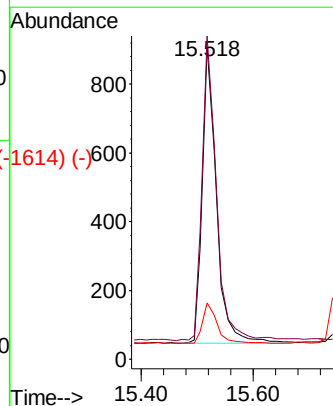
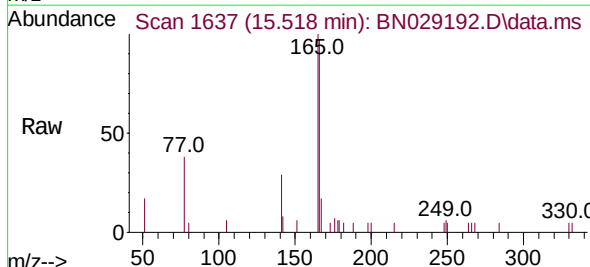
Tgt Ion:166 Resp: 1475

Ion Ratio Lower Upper

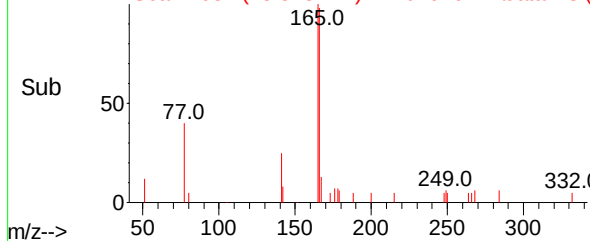
166 100

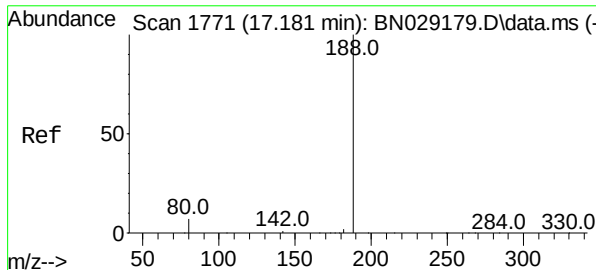
165 104.1 80.0 120.0

167 14.1 10.4 15.6



Abundance Scan 1637 (15.518 min): BN029192.D\data.ms (-1614) (-)

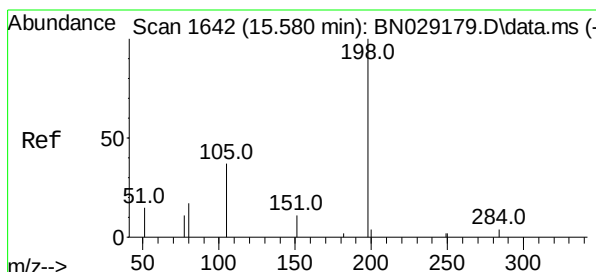
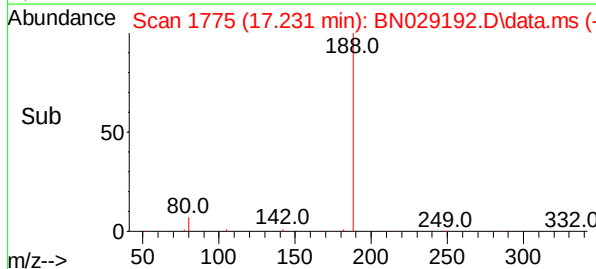
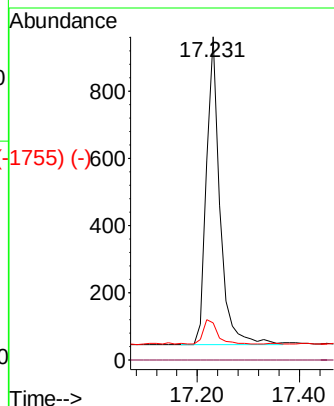
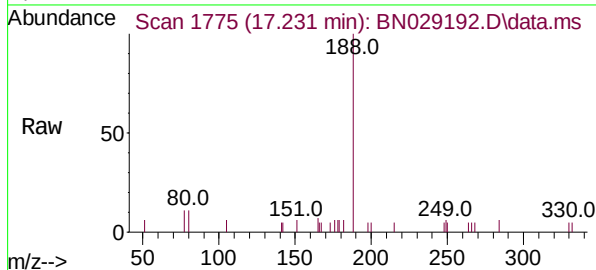




Phenanthrene-d10
Concen: 0.400 ng
RT: 17.231 min Scan# 1775
Delta R.T. 0.050 min
Lab File: BN029192.D
Acq: 26 Dec 2023 14:47

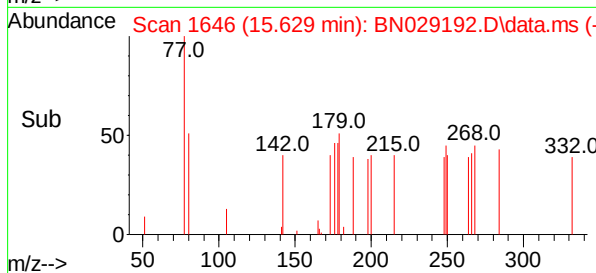
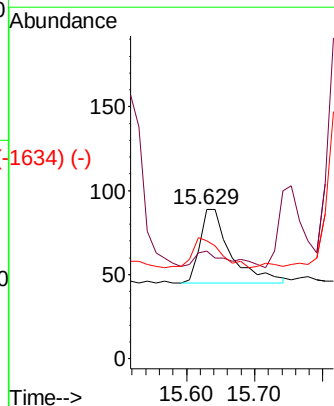
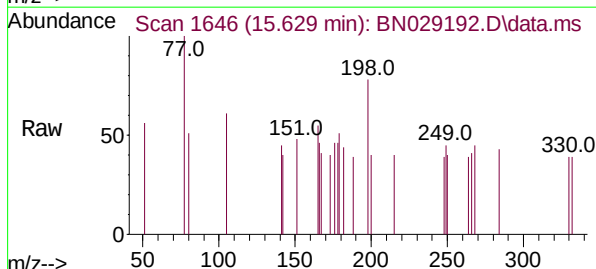
Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:	188	Resp:	1675
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.9	13.3



4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 15.629 min Scan# 1646
Delta R.T. 0.049 min
Lab File: BN029192.D
Acq: 26 Dec 2023 14:47

Tgt Ion:	198	Resp:	139
Ion	Ratio	Lower	Upper
198	100		
51	71.9	56.0	84.0
105	78.7	61.6	92.4



Abundance Scan 1706 (16.374 min): BN029179.D\data.ms (-1702) (-)

4-Bromophenyl-phenylether

Concen: 0.246 ng

RT: 16.436 min Scan# 1711

Delta R.T. 0.062 min

Lab File: BN029192.D

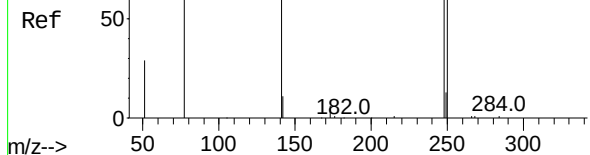
Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS



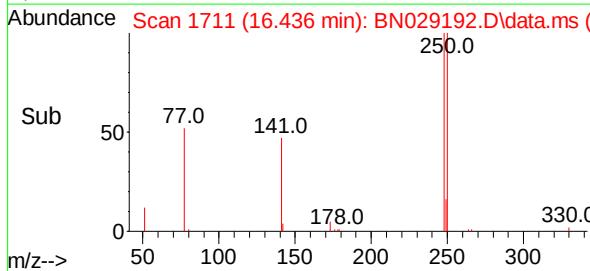
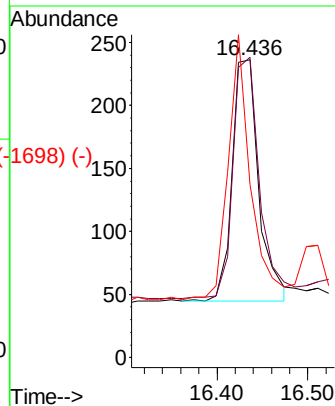
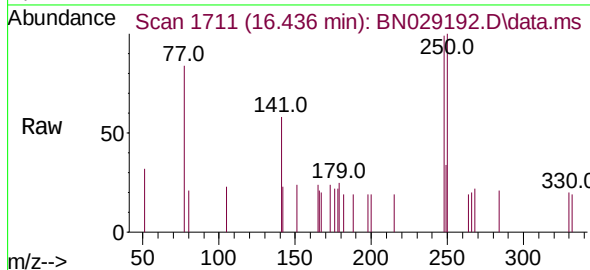
Tgt Ion:248 Resp: 387

Ion Ratio Lower Upper

248 100

250 100.8 75.7 113.5

141 58.1 89.4 134.0#



Abundance Scan 1713 (16.461 min): BN029179.D\data.ms (-1702) (-)

Hexachlorobenzene

Concen: 0.250 ng

RT: 16.511 min Scan# 1717

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

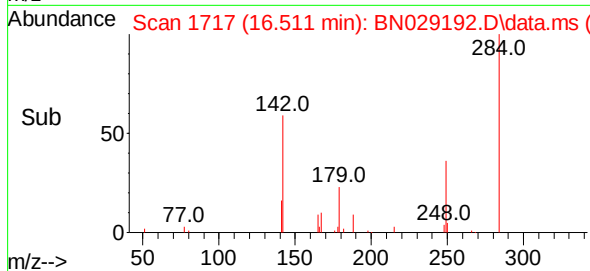
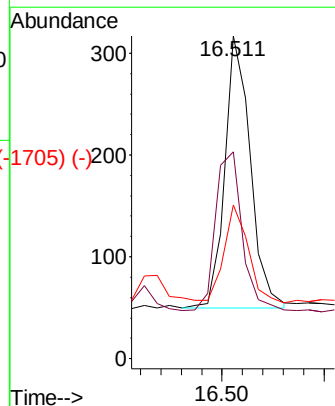
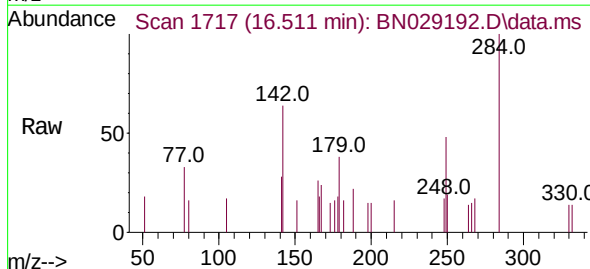
Tgt Ion:284 Resp: 465

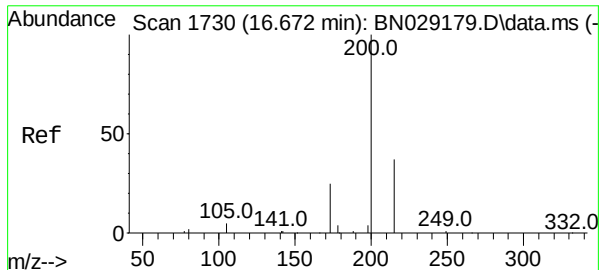
Ion Ratio Lower Upper

284 100

142 61.1 47.4 71.0

249 34.2 28.8 43.2





#28 (-)

Atrazine

Concen: 0.258 ng

RT: 16.722 min Scan# 1730

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

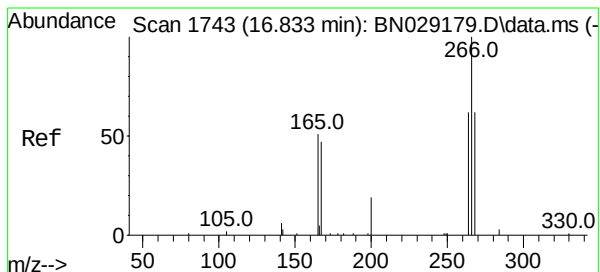
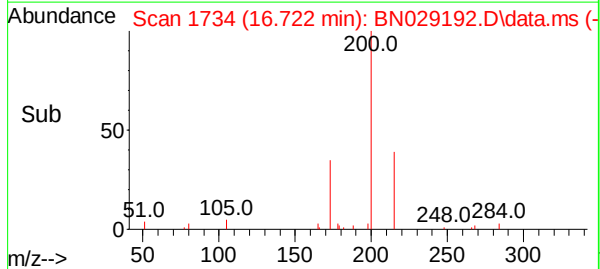
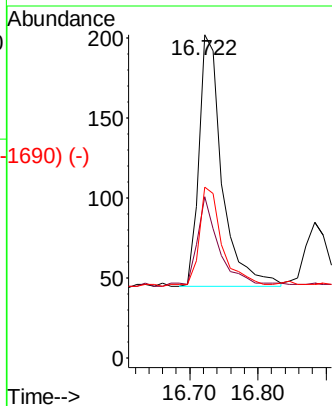
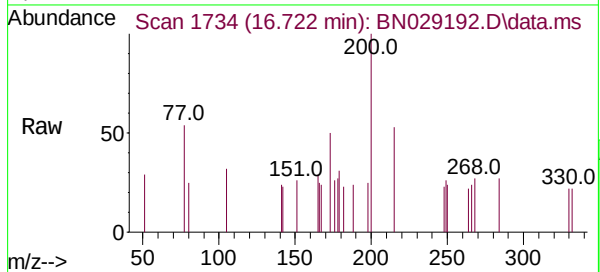
Tgt Ion:200 Resp: 370

Ion Ratio Lower Upper

200 100

173 50.0 30.5 45.7#

215 53.0 37.8 56.6



#39 (-)

Pentachlorophenol

Concen: 0.439 ng

RT: 16.883 min Scan# 1747

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

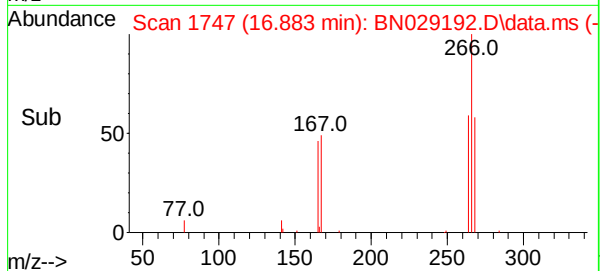
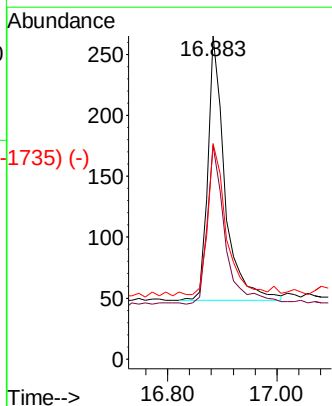
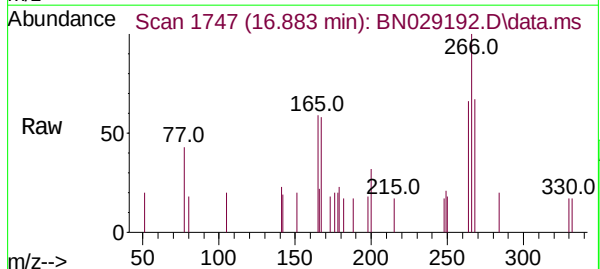
Tgt Ion:266 Resp: 474

Ion Ratio Lower Upper

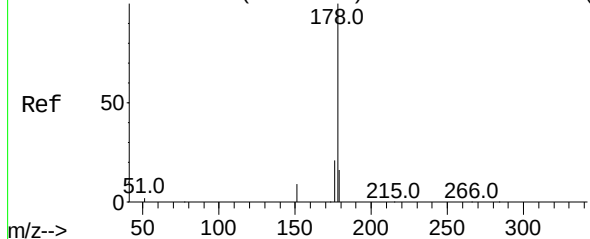
266 100

264 63.7 52.8 79.2

268 59.5 51.4 77.0



Abundance Scan 1774 (17.218 min): BN029179.D\data.ms (-1725) (-)



Phenanthrene

Concen: 0.268 ng

RT: 17.268 min Scan# 1725

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

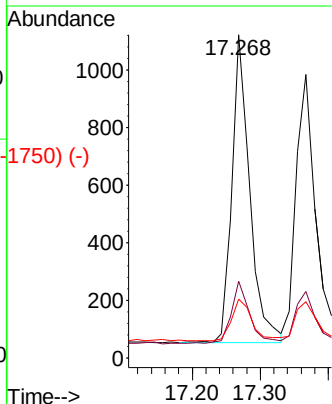
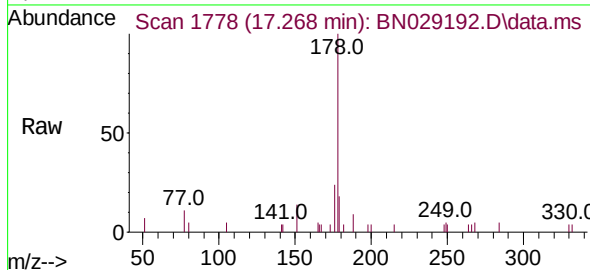
Tgt Ion:178 Resp: 1968

Ion Ratio Lower Upper

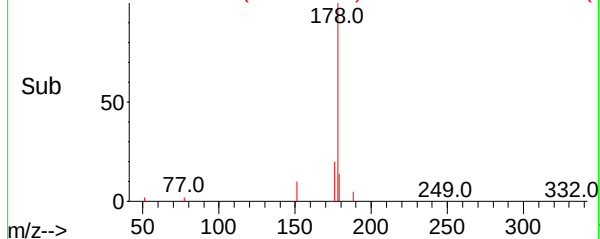
178 100

176 20.5 16.6 25.0

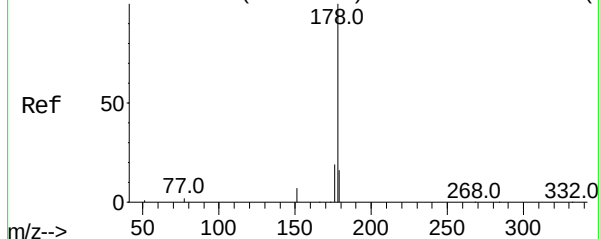
179 15.5 12.2 18.4



Abundance Scan 1778 (17.268 min): BN029192.D\data.ms (-1750) (-)



Abundance Scan 1782 (17.317 min): BN029179.D\data.ms (-1726) (-)



Anthracene

Concen: 0.261 ng

RT: 17.367 min Scan# 1786

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

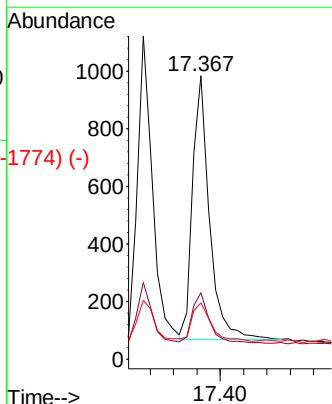
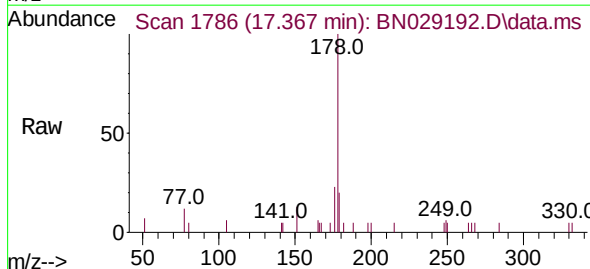
Tgt Ion:178 Resp: 1841

Ion Ratio Lower Upper

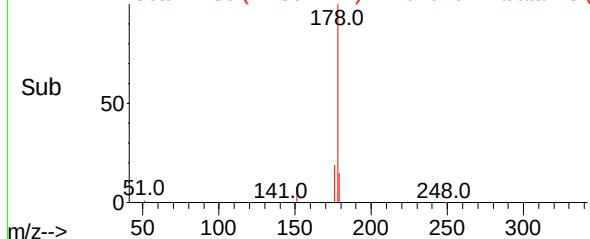
178 100

176 20.0 15.8 23.8

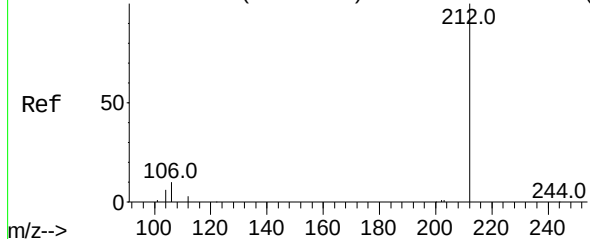
179 16.1 11.9 17.9



Abundance Scan 1786 (17.367 min): BN029192.D\data.ms (-1774) (-)



Abundance Scan 2031 (19.220 min): BN029179.D\data.ms (-2021) (-)



Fluoranthene-d10

Concen: 0.236 ng

RT: 19.266 min Scan# 2041

Delta R.T. 0.047 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

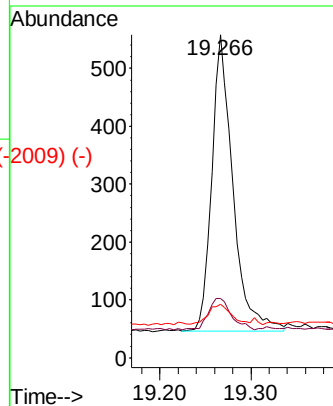
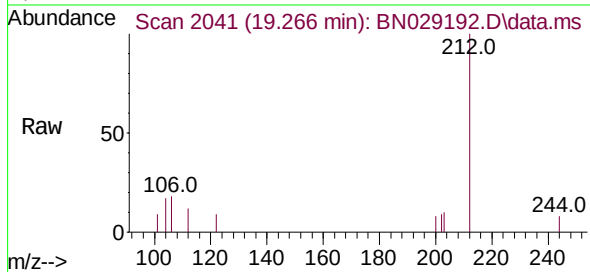
Tgt Ion:212 Resp: 824

Ion Ratio Lower Upper

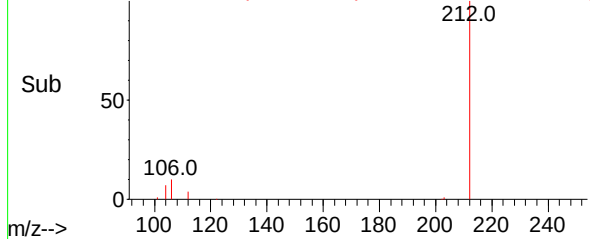
212 100

106 11.8 9.6 14.4

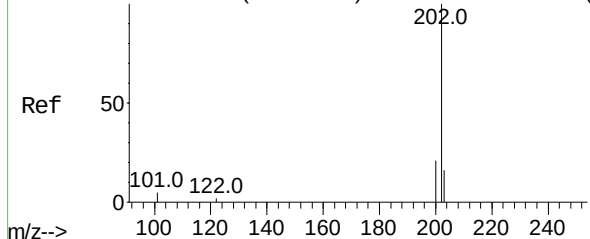
104 7.9 5.8 8.6



Abundance Scan 2041 (19.266 min): BN029192.D\data.ms (-2009) (-)



Abundance Scan 2038 (19.252 min): BN029179.D\data.ms (-2023) (-)



Fluoranthene

Concen: 0.222 ng

RT: 19.299 min Scan# 2048

Delta R.T. 0.047 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

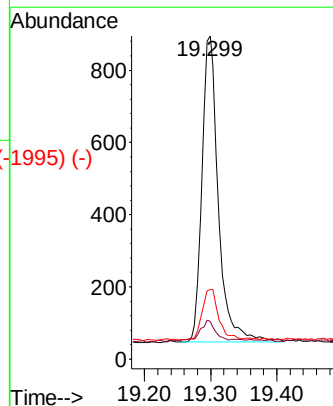
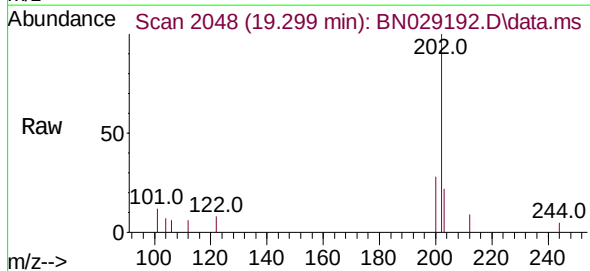
Tgt Ion:202 Resp: 1458

Ion Ratio Lower Upper

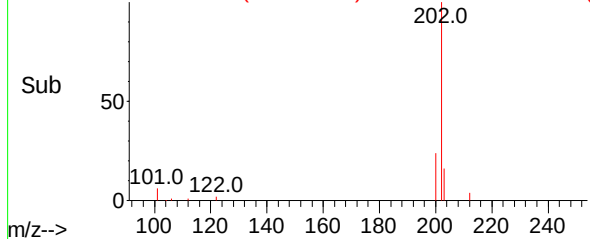
202 100

101 5.8 4.5 6.7

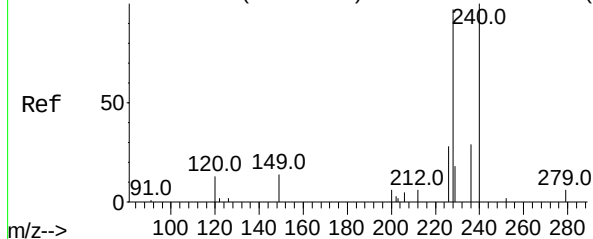
203 16.7 13.7 20.5



Abundance Scan 2048 (19.299 min): BN029192.D\data.ms (-1995) (-)



Abundance Scan 2458 (21.385 min): BN029179.D\data.ms (-2429) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.434 min Scan# 2126

Delta R.T. 0.049 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

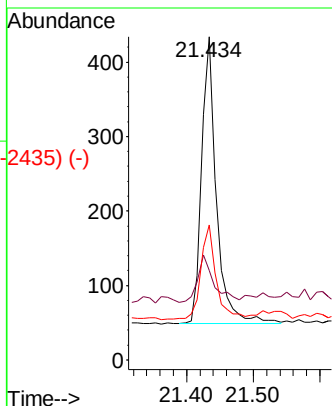
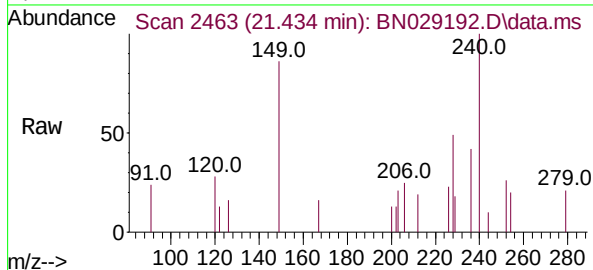
Tgt Ion:240 Resp: 592

Ion Ratio Lower Upper

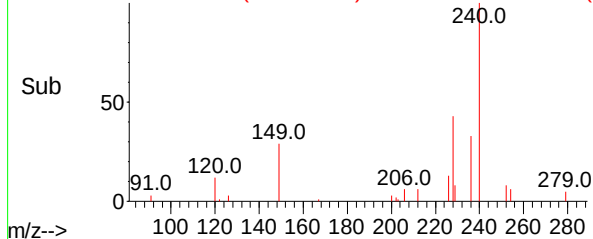
240 100

120 27.6 23.9 35.9

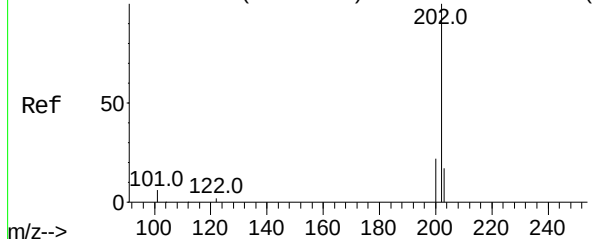
236 41.7 31.3 46.9



Abundance Scan 2463 (21.434 min): BN029192.D\data.ms (-2435) (-)



Abundance Scan 2116 (19.615 min): BN029179.D\data.ms (-2134) (-)



Pyrene

Concen: 0.258 ng

RT: 19.661 min Scan# 2126

Delta R.T. 0.047 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

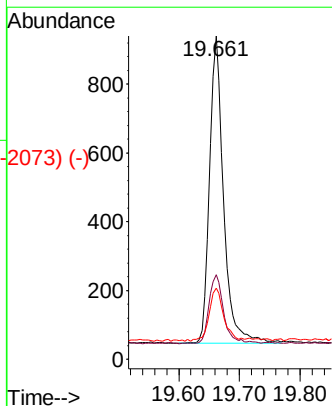
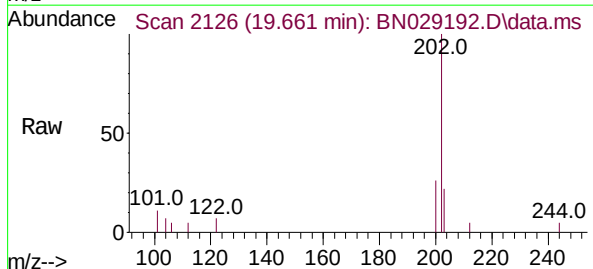
Tgt Ion:202 Resp: 1438

Ion Ratio Lower Upper

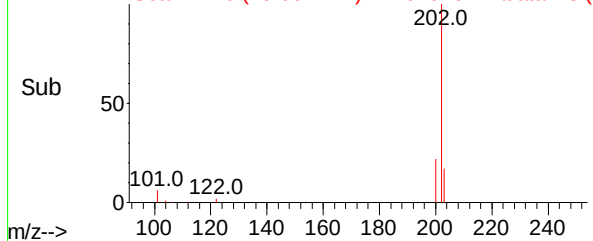
202 100

200 23.6 17.4 26.2

203 17.8 13.8 20.8



Abundance Scan 2126 (19.661 min): BN029192.D\data.ms (-2073) (-)



Abundance Scan 2163 (19.833 min): BN029179.D\data.ms (-2132) (-)

Terphenyl-d14

Concen: 0.293 ng

RT: 19.880 min Scan# 2132

Delta R.T. 0.047 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

Tgt Ion:244 Resp: 505

Ion Ratio Lower Upper

244 100

212 27.8 18.9 28.3

122 32.0 22.5 33.7

Abundance Scan 2173 (19.880 min): BN029192.D\data.ms

Ref

101.0 122.0 212.0 244.0

m/z-->

Raw

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2173 (19.880 min): BN029192.D\data.ms (-2131) (-)

Sub

122.0 212.0 244.0

m/z-->

Abundance

19.880

300

200

100

0

Time-->

Abundance Scan 2457 (21.376 min): BN029179.D\data.ms (-2432) (-)

Benzo(a)anthracene

Concen: 0.292 ng

RT: 21.416 min Scan# 2461

Delta R.T. 0.040 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Tgt Ion:228 Resp: 983

Ion Ratio Lower Upper

228 100

226 35.4 27.8 41.6

229 23.4 18.0 27.0

Abundance Scan 2461 (21.416 min): BN029192.D\data.ms

Ref

91.0 120.0 149.0 203.0 228.0 254.0 279.0

m/z-->

Raw

91.0 120.0 149.0 203.0 228.0 254.0 279.0

m/z-->

Abundance Scan 2461 (21.416 min): BN029192.D\data.ms (-2434) (-)

Sub

91.0 120.0 149.0 200.0 228.0 254.0 279.0

m/z-->

Abundance

21.416

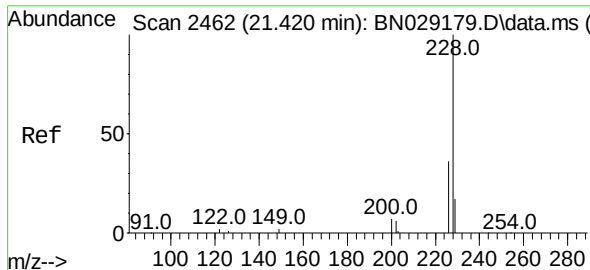
600

400

200

0

Time-->



#33 (-)

Chrysene

Concen: 0.297 ng

RT: 21.469 min Scan# 1

Delta R.T. 0.049 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

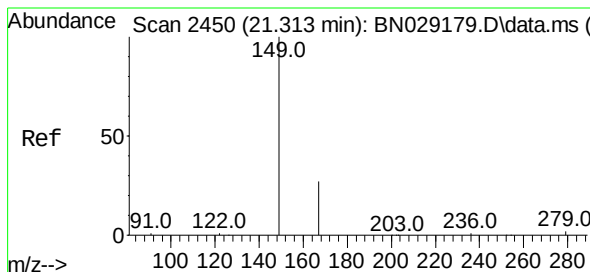
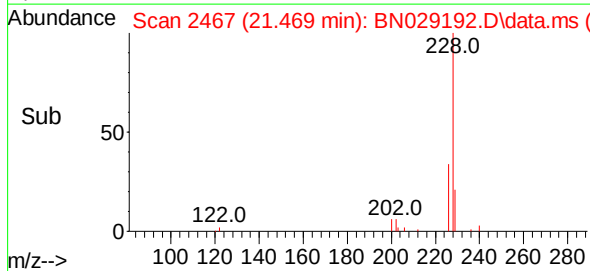
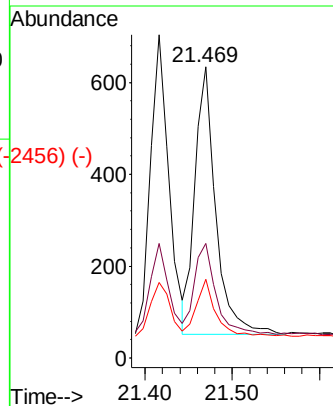
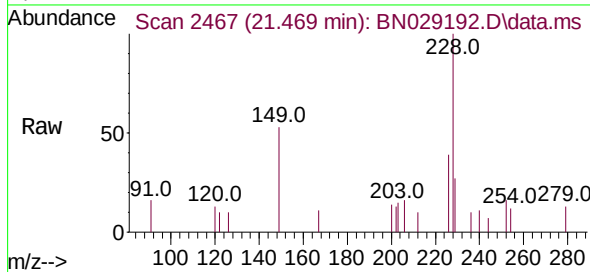
Tgt Ion:228 Resp: 971

Ion Ratio Lower Upper

228 100

226 39.4 32.0 48.0

229 27.0 17.7 26.5#



#34 (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.285 ng

RT: 21.362 min Scan# 2455

Delta R.T. 0.049 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

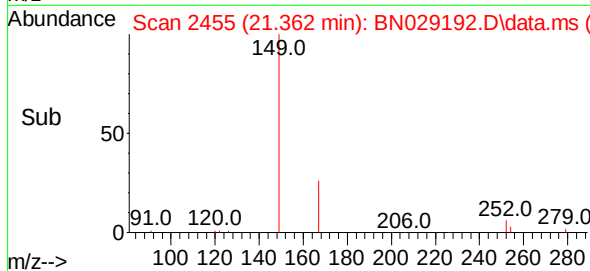
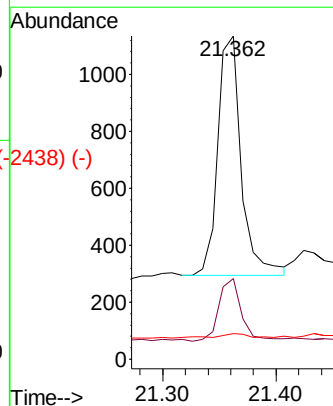
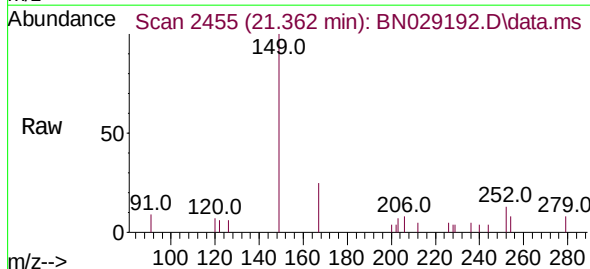
Tgt Ion:149 Resp: 1219

Ion Ratio Lower Upper

149 100

167 26.3 20.8 31.2

279 3.1 1.7 2.5#



Abundance Scan 3018 (23.709 min): BN029179.D\data.ms (-3635) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.796 min Scan# 3046

Delta R.T. 0.086 min

Lab File: BN029192.D

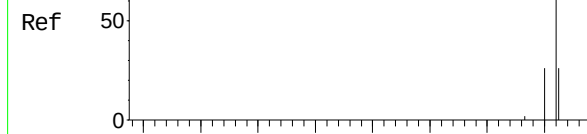
Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

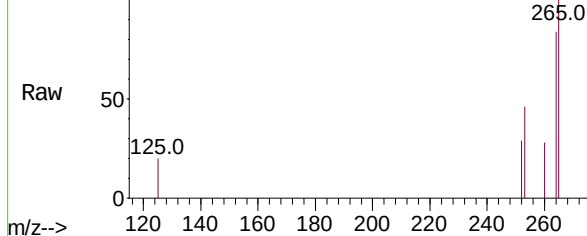
ClientSampleId :

PB158020BS



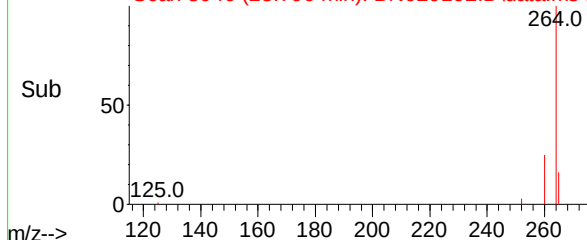
m/z-->

Abundance Scan 3046 (23.796 min): BN029192.D\data.ms



m/z-->

Abundance Scan 3046 (23.796 min): BN029192.D\data.ms (-2965) (-)



m/z-->

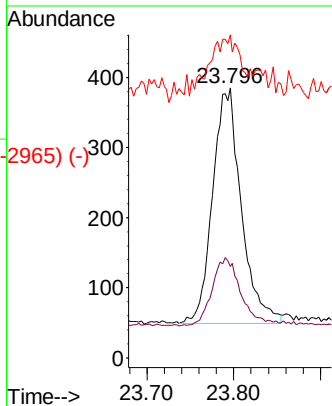
Tgt Ion:264 Resp: 777

Ion Ratio Lower Upper

264 100

260 33.8 27.1 40.7

265 119.7 99.4 149.2



Abundance Scan 3834 (26.095 min): BN029179.D\data.ms (-3636) (-)

Indeno(1,2,3-cd)pyrene

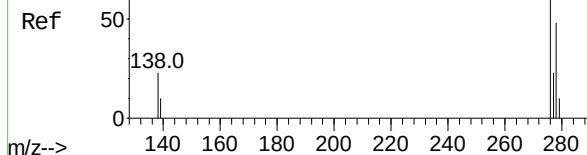
Concen: 0.279 ng

RT: 26.211 min Scan# 3872

Delta R.T. 0.115 min

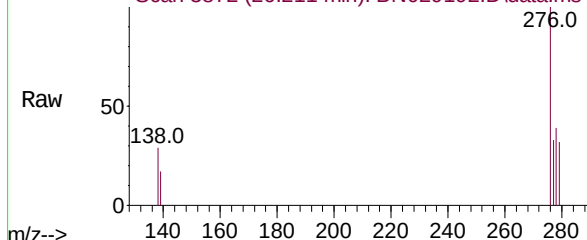
Lab File: BN029192.D

Acq: 26 Dec 2023 14:47



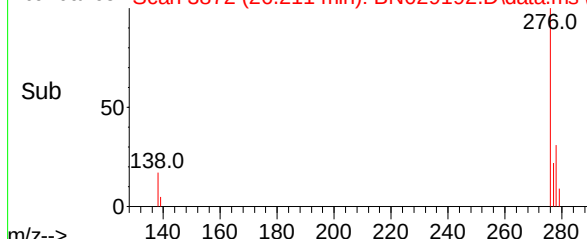
m/z-->

Abundance Scan 3872 (26.211 min): BN029192.D\data.ms



m/z-->

Abundance Scan 3872 (26.211 min): BN029192.D\data.ms (-3798) (-)



m/z-->

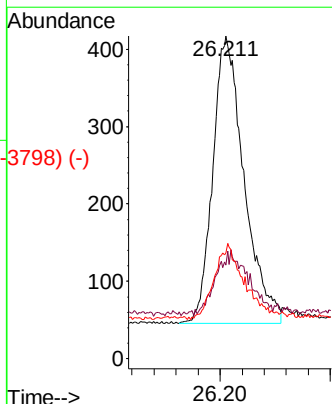
Tgt Ion:276 Resp: 1463

Ion Ratio Lower Upper

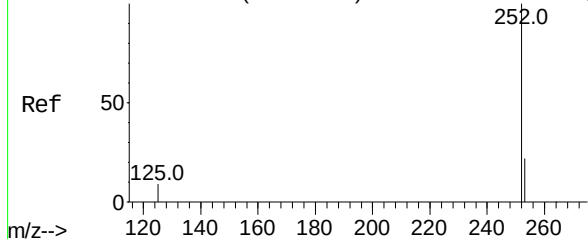
276 100

138 6.8 6.9 10.3#

277 25.4 18.4 27.6



Abundance Scan 2778 (23.008 min): BN029179.D\data.ms (-2708) (-)



Benzo(b)fluoranthene

Concen: 0.279 ng

RT: 23.076 min Scan# 2800

Delta R.T. 0.069 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BN029192.D

ClientSampleId :

BN029192.D

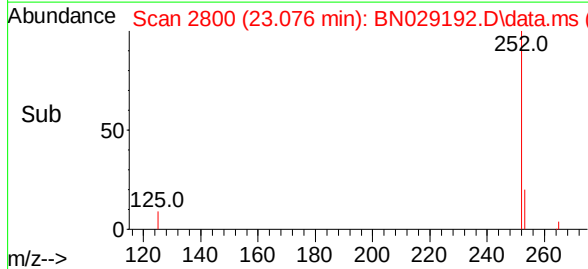
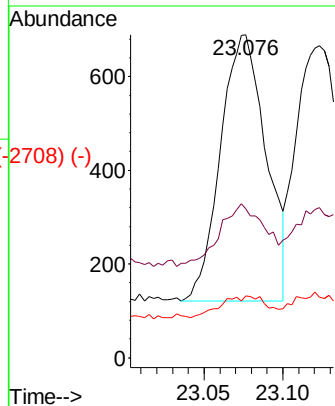
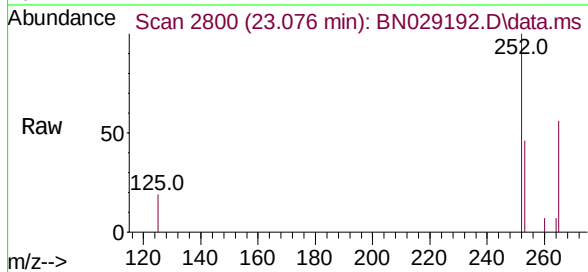
Tgt Ion:252 Resp: 1138

Ion Ratio Lower Upper

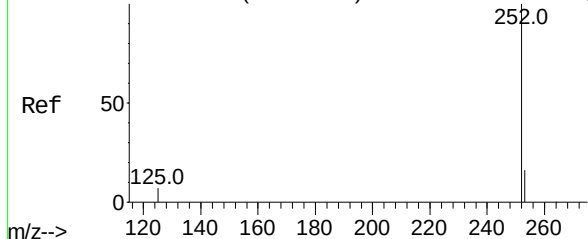
252 100

253 46.0 33.4 50.0

125 19.2 14.6 21.8



Abundance Scan 2793 (23.052 min): BN029179.D\data.ms (-2708) (-)



Benzo(k)fluoranthene

Concen: 0.264 ng

RT: 23.123 min Scan# 2816

Delta R.T. 0.072 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

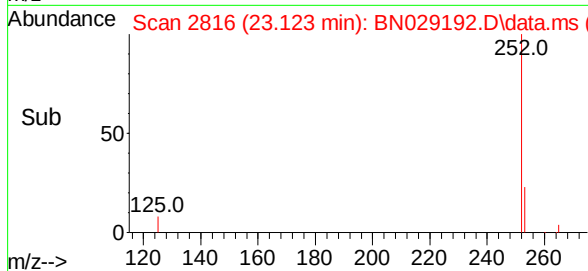
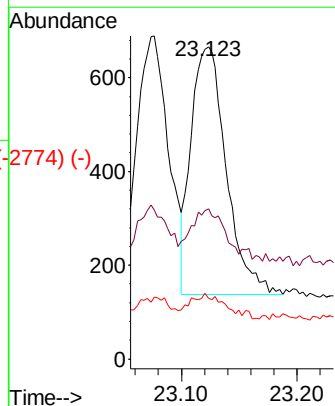
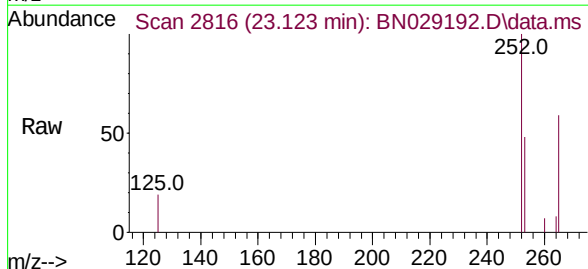
Tgt Ion:252 Resp: 1115

Ion Ratio Lower Upper

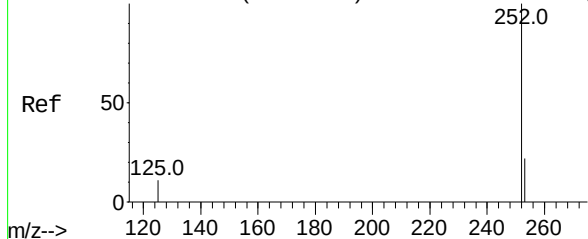
252 100

253 48.2 33.3 49.9

125 19.4 14.0 21.0



Abundance Scan 2984 (23.610 min): BN029179.D\data.ms (-2939) (-)



Benzo(a)pyrene

Concen: 0.268 ng

RT: 23.688 min Scan# 3009

Delta R.T. 0.077 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA_N

ClientSampleId :

PB158020BS

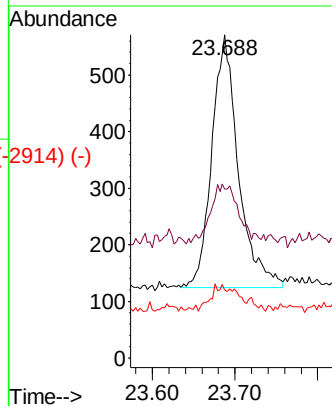
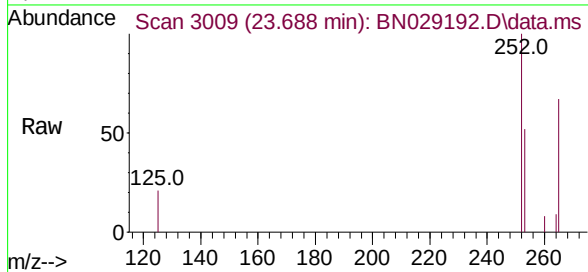
Tgt Ion:252 Resp: 999

Ion Ratio Lower Upper

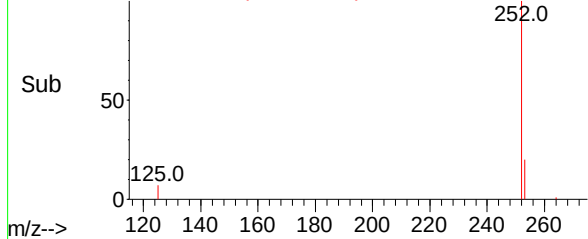
252 100

253 52.2 39.7 59.5

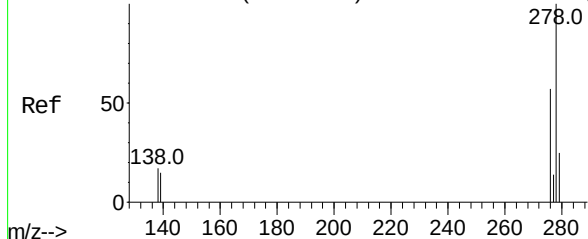
125 21.0 17.9 26.9



Abundance Scan 3009 (23.688 min): BN029192.D\data.ms (-2914) (-)



Abundance Scan 3841 (26.116 min): BN029179.D\data.ms (-3816) (-)



Dibenzo(a,h)anthracene

Concen: 0.269 ng

RT: 26.246 min Scan# 3884

Delta R.T. 0.130 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

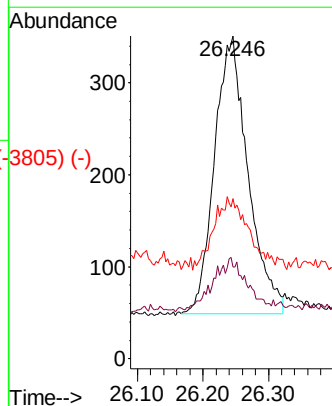
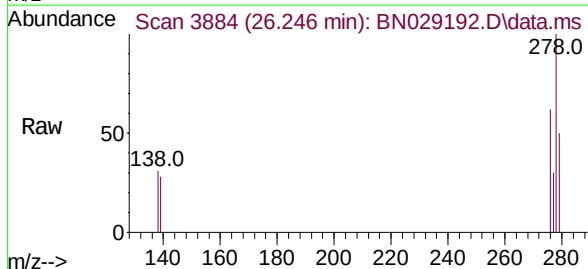
Tgt Ion:278 Resp: 1070

Ion Ratio Lower Upper

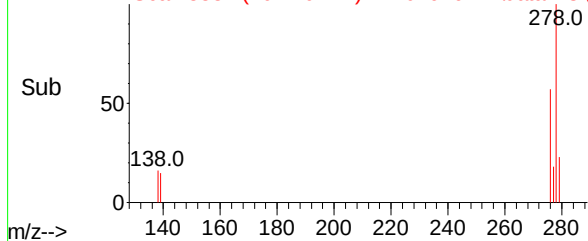
278 100

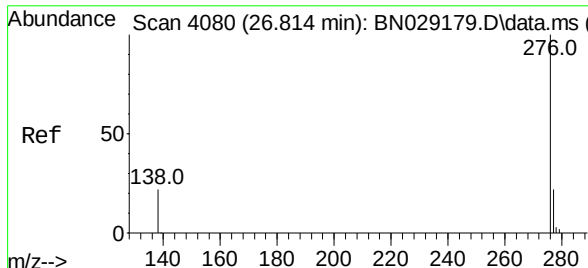
139 28.5 21.8 32.6

279 49.6 39.9 59.9



Abundance Scan 3884 (26.246 min): BN029192.D\data.ms (-3805) (-)





Benzo(g,h,i)perylene
 Concen: 0.271 ng
 RT: 26.945 min Scan# 4093
 Delta R.T. 0.130 min
 Lab File: BN029192.D
 Acq: 26 Dec 2023 14:47

Instrument :
 BNA_N
 ClientSampleId :
 PB158020BS

Tgt Ion:	276	Resp:	1209
Ion	Ratio	Lower	Upper
276	100		
277	32.7	24.2	36.4
138	35.3	25.5	38.3

