

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
 Data File : BN017209.D
 Acq On : 01 Nov 2021 12:35
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 01 15:16:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 15:13:26 2021
 Response via : Initial Calibration

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

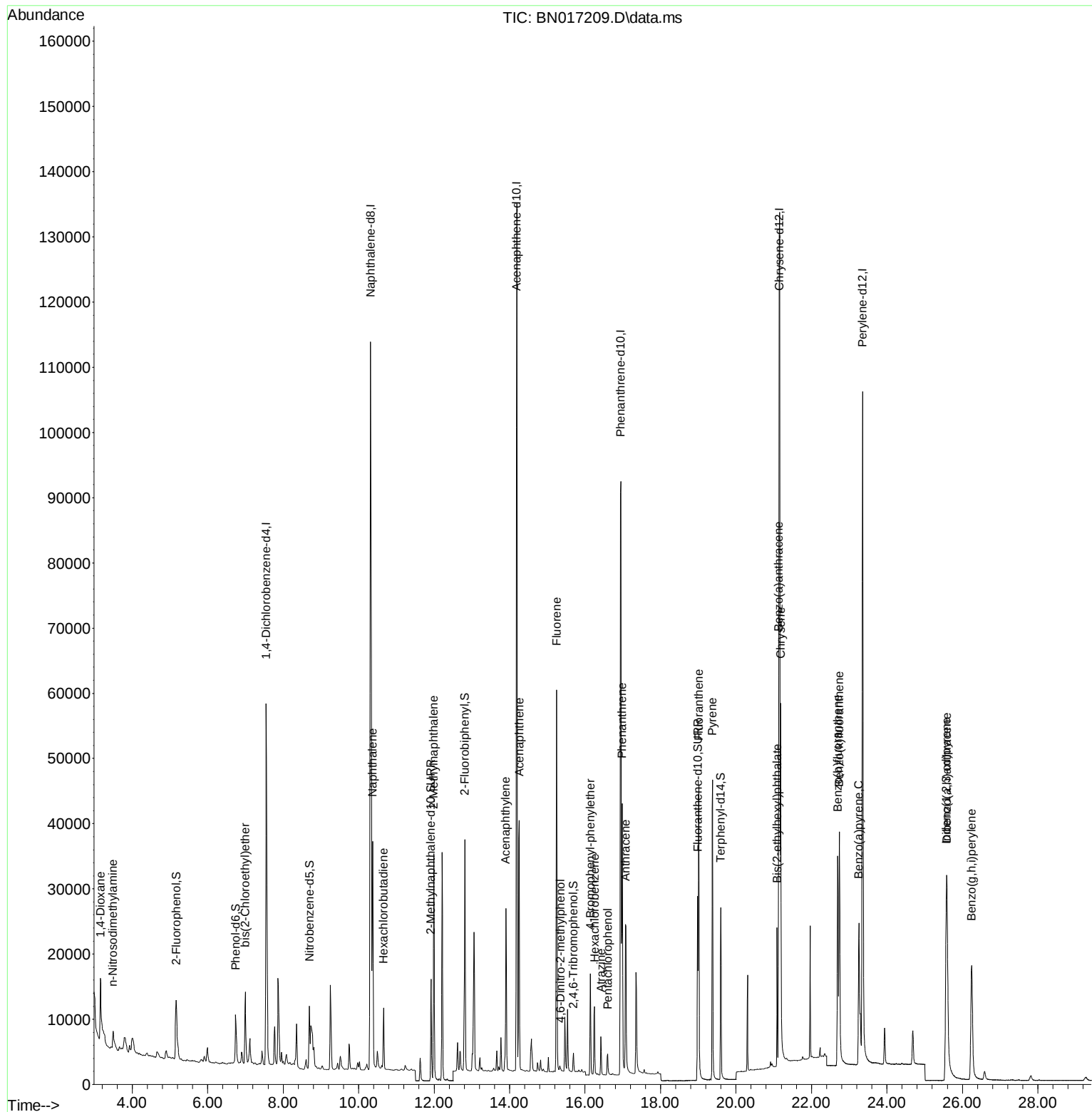
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	32995	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	148841	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	79951	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	144607	0.400	ng	0.00
29) Chrysene-d12	21.154	240	134516	0.400	ng	0.00
35) Perylene-d12	23.356	264	137654	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	8022	0.108	ng	0.00
5) Phenol-d6	6.740	99	8548	0.104	ng	0.00
8) Nitrobenzene-d5	8.697	82	8351	0.096	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	21142	0.094	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	2190	0.076	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	30293	0.101	ng	0.00
27) Fluoranthene-d10	18.985	212	34375	0.085	ng	0.00
31) Terphenyl-d14	19.595	244	28846	0.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	2597	0.148	ng	# 1
3) n-Nitrosodimethylamine	3.494	42	2908	0.101	ng	# 96
6) bis(2-Chloroethyl)ether	6.998	93	9349	0.108	ng	99
9) Naphthalene	10.370	128	45167	0.116	ng	100
10) Hexachlorobutadiene	10.662	225	7555	0.106	ng	# 99
12) 2-Methylnaphthalene	11.991	142	25869	0.106	ng	100
16) Acenaphthylene	13.902	152	28534	0.089	ng	100
17) Acenaphthene	14.257	154	21591	0.098	ng	100
18) Fluorene	15.247	166	24698	0.094	ng	99
20) 4,6-Dinitro-2-methylph...	15.349	198	671	0.042	ng	# 71
21) 4-Bromophenyl-phenylether	16.143	248	7540	0.095	ng	98
22) Hexachlorobenzene	16.252	284	8576	0.099	ng	99
23) Atrazine	16.423	200	4805	0.086	ng	99
24) Pentachlorophenol	16.605	266	1910	0.060	ng	99
25) Phenanthrene	16.982	178	40296	0.100	ng	99
26) Anthracene	17.080	178	31011	0.091	ng	99
28) Fluoranthene	19.015	202	42458	0.097	ng	100
30) Pyrene	19.377	202	42932	0.101	ng	100
32) Benzo(a)anthracene	21.133	228	38092	0.094	ng	99
33) Chrysene	21.186	228	43089	0.101	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	17122	0.100	ng	100
36) Indeno(1,2,3-cd)pyrene	25.574	276	45972	0.092	ng	98
37) Benzo(b)fluoranthene	22.695	252	40047	0.093	ng	97
38) Benzo(k)fluoranthene	22.740	252	43194	0.101	ng	# 91
39) Benzo(a)pyrene	23.256	252	35648	0.092	ng	96
40) Dibenzo(a,h)anthracene	25.591	278	35991	0.089	ng	96
41) Benzo(g,h,i)perylene	26.245	276	40977	0.094	ng	99

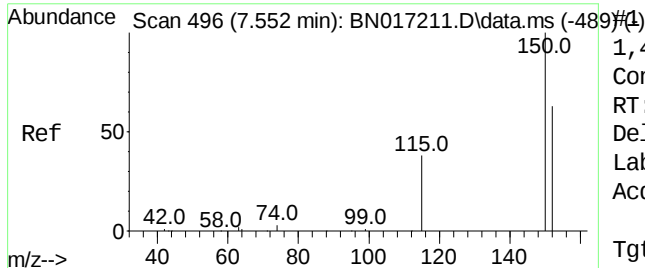
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 01 15:13:26 2021
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

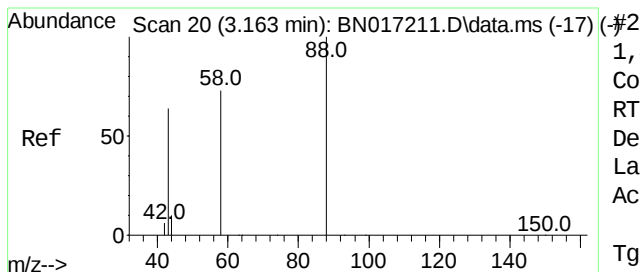
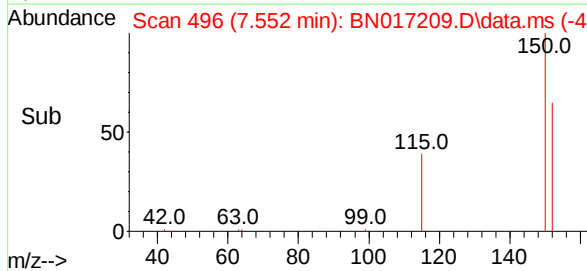
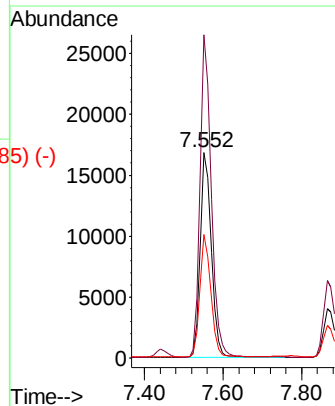
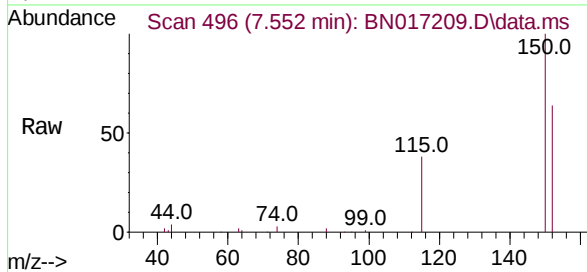
Tgt Ion:152 Resp: 32995

Ion Ratio Lower Upper

152 100

150 157.3 127.4 191.0

115 60.0 48.5 72.7



1,4-Dioxane

Concen: 0.148 ng

RT: 3.163 min Scan# 20

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

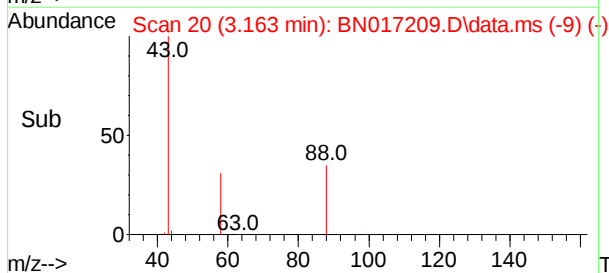
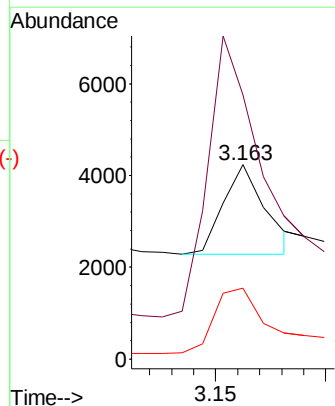
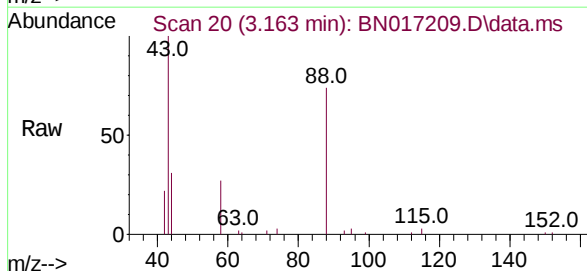
Tgt Ion: 88 Resp: 2597

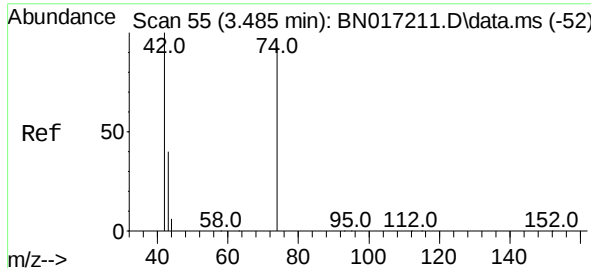
Ion Ratio Lower Upper

88 100

43 397.3 72.9 109.3#

58 88.2 68.6 103.0

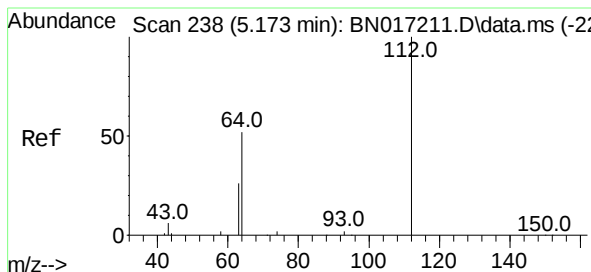
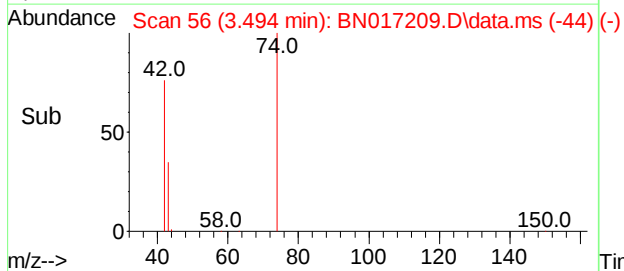
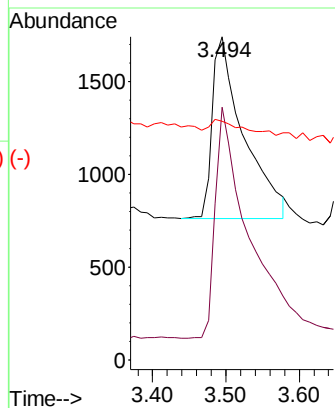
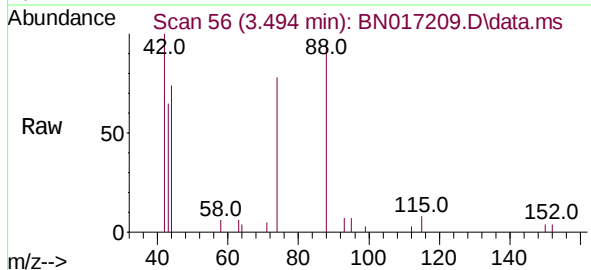




n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 3.494 min Scan# 4
 Delta R.T. 0.009 min
 Lab File: BN017209.D
 Acq: 01 Nov 2021 12:35

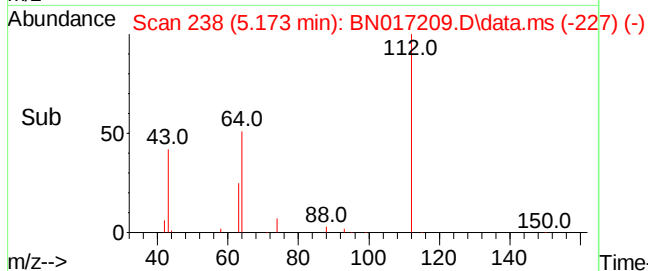
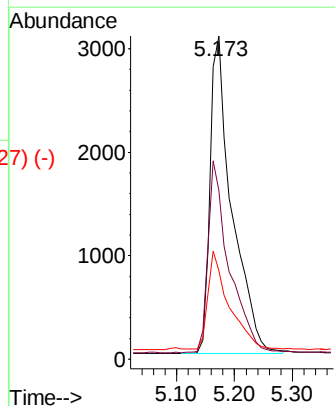
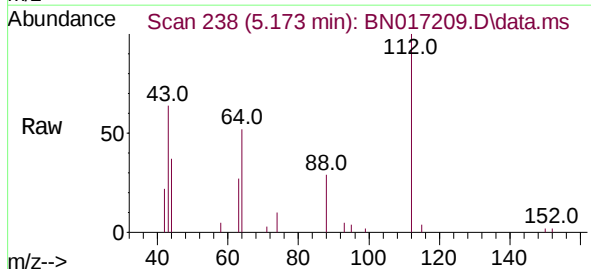
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

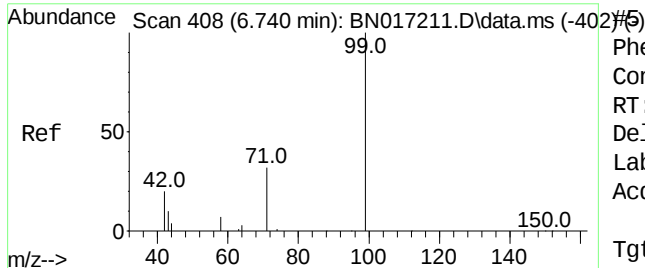
Tgt Ion: 42 Resp: 2908
 Ion Ratio Lower Upper
 42 100
 74 130.4 100.6 150.8
 44 8.2 4.6 6.8#



2-Fluorophenol
 Concen: 0.108 ng
 RT: 5.173 min Scan# 238
 Delta R.T. 0.000 min
 Lab File: BN017209.D
 Acq: 01 Nov 2021 12:35

Tgt Ion: 112 Resp: 8022
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.1 70.7
 63 29.7 23.9 35.9





Phenol-d6

Concen: 0.104 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

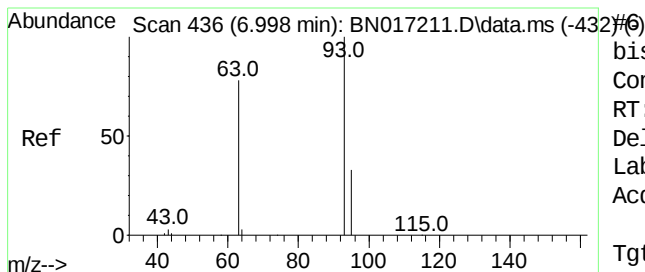
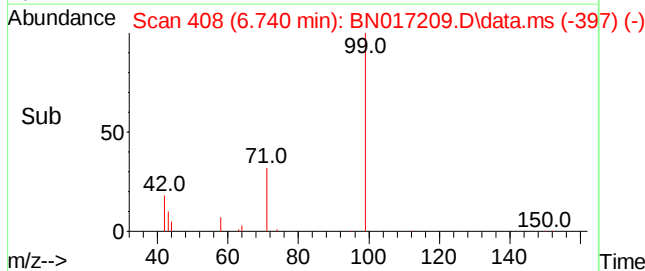
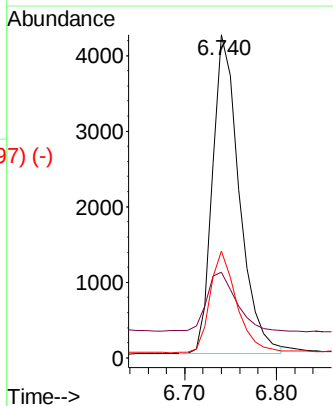
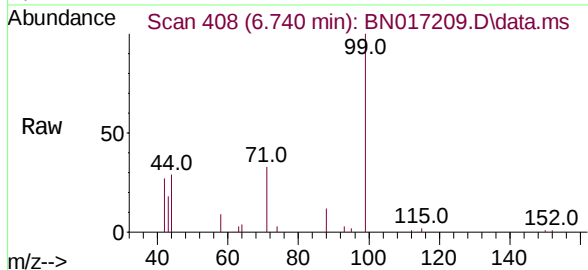
Tgt Ion: 99 Resp: 8548

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 31.4 24.7 37.1



bis(2-Chloroethyl)ether

Concen: 0.108 ng

RT: 6.998 min Scan# 436

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

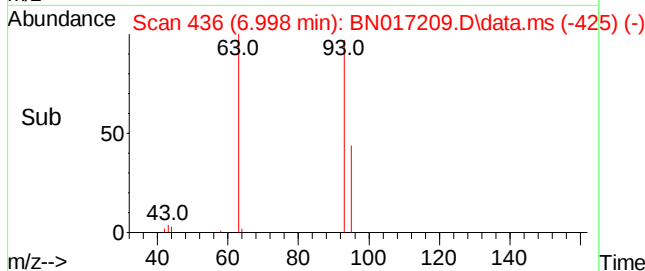
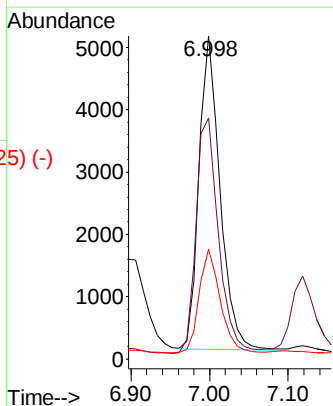
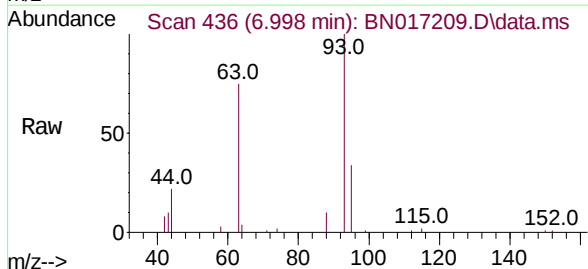
Tgt Ion: 93 Resp: 9349

Ion Ratio Lower Upper

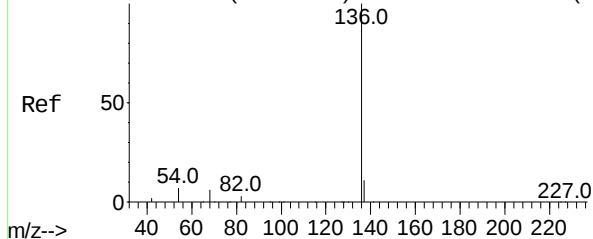
93 100

63 79.8 64.5 96.7

95 33.1 26.5 39.7



Abundance Scan 737 (10.319 min): BN017211.D\data.ms (-729) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:136 Resp: 148841

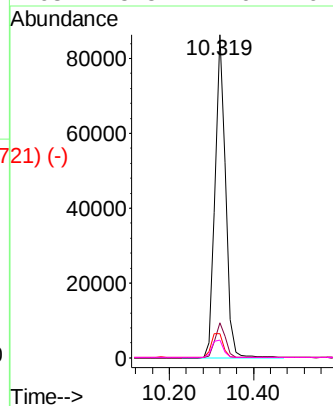
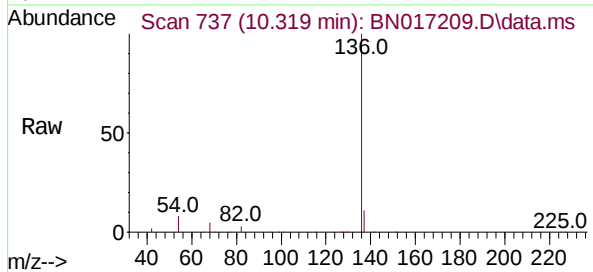
Ion Ratio Lower Upper

136 100

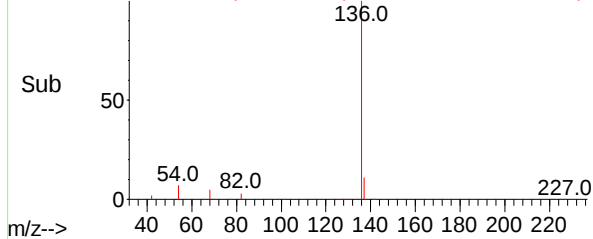
137 10.9 8.7 13.1

54 7.5 6.1 9.1

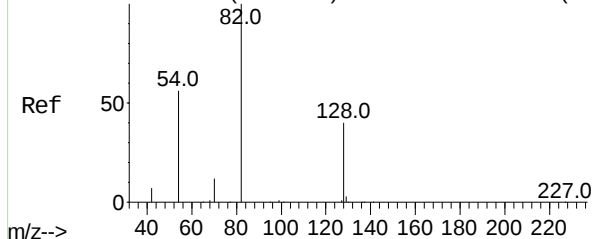
68 5.5 4.6 6.8



Abundance Scan 737 (10.319 min): BN017209.D\data.ms (-721) (-)



Abundance Scan 609 (8.697 min): BN017211.D\data.ms (-605) (-)



Nitrobenzene-d5

Concen: 0.096 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

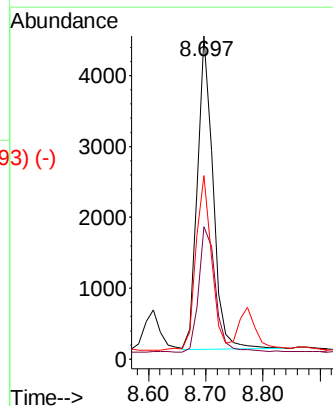
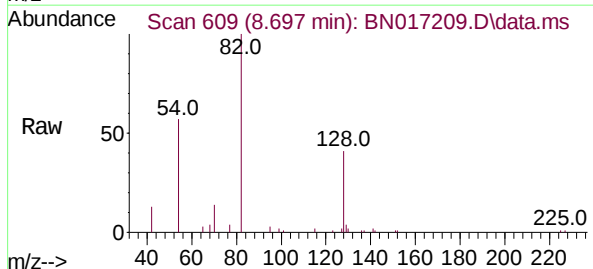
Tgt Ion: 82 Resp: 8351

Ion Ratio Lower Upper

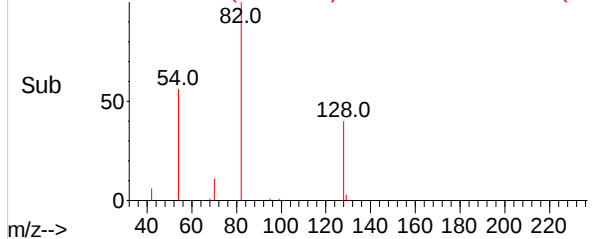
82 100

128 41.0 32.0 48.0

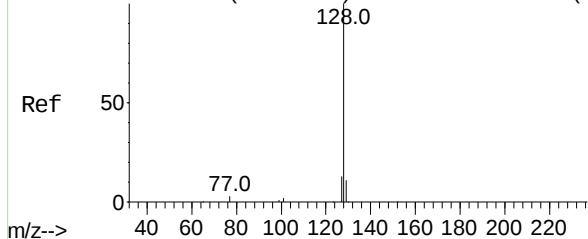
54 56.8 45.0 67.4



Abundance Scan 609 (8.697 min): BN017209.D\data.ms (-593) (-)



Abundance Scan 741 (10.370 min): BN017211.D\data.ms (-736) (-)



Naphthalene

Concen: 0.116 ng

RT: 10.370 min Scan#

Delta R.T. 0.000 min

Lab File: BN017209.D

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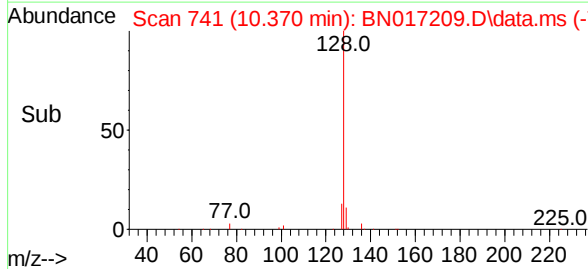
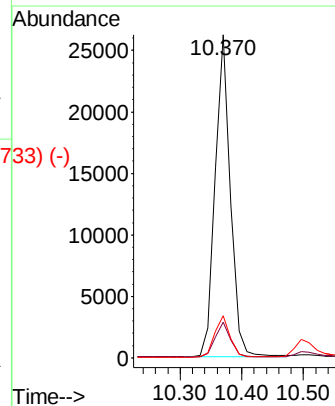
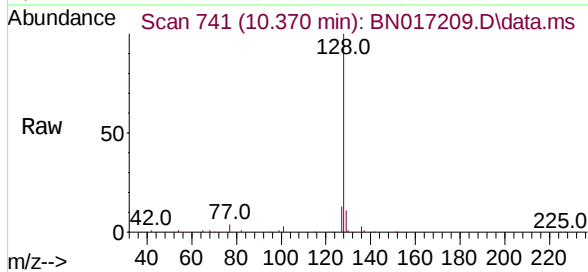
Tgt Ion:128 Resp: 45167

Ion Ratio Lower Upper

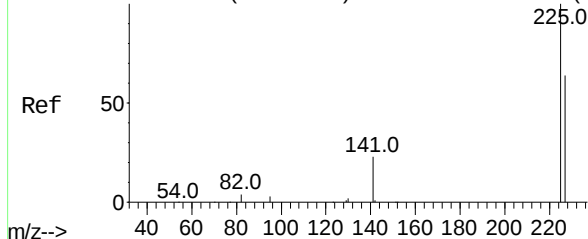
128 100

129 11.1 8.8 13.2

127 13.0 10.3 15.5



Abundance Scan 764 (10.662 min): BN017211.D\data.ms (-759) (-)



Hexachlorobutadiene

Concen: 0.106 ng

RT: 10.662 min Scan# 764

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

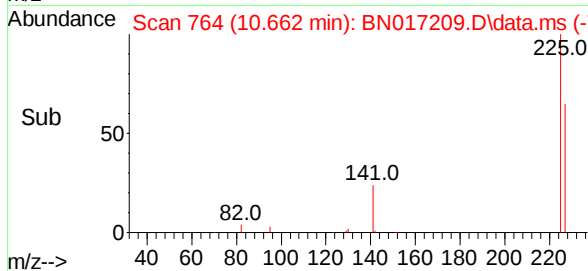
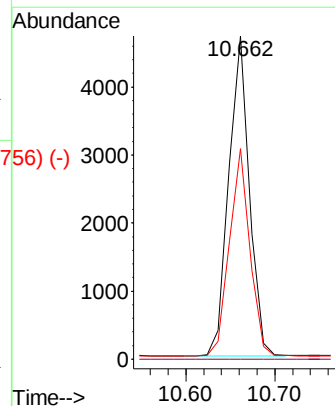
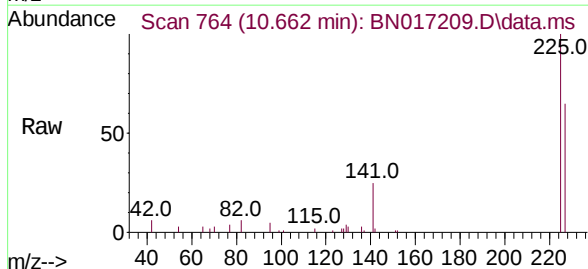
Tgt Ion:225 Resp: 7555

Ion Ratio Lower Upper

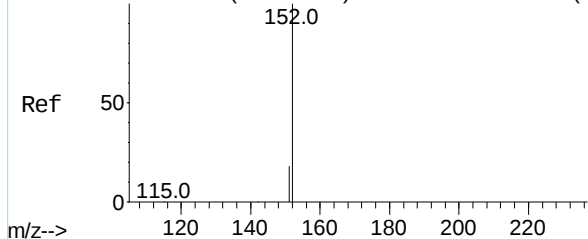
225 100

223 0.0 0.0 0.0

227 64.2 50.6 76.0



Abundance Scan 923 (11.920 min): BN017211.D\data.ms (-911) (-)



2-Methylnaphthalene-d10

Concen: 0.094 ng

RT: 11.920 min Scan# 923

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

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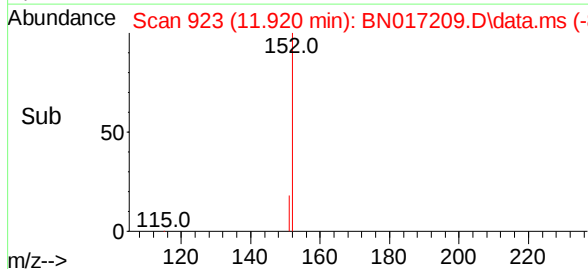
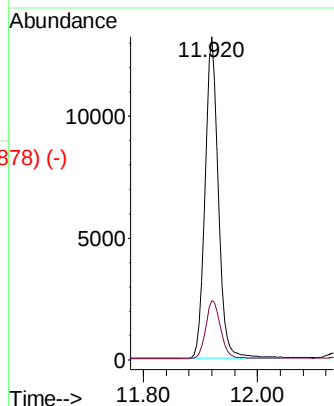
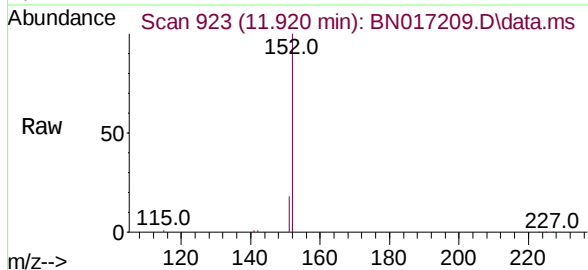
SSTDIC0.1

Tgt Ion:152 Resp: 21142

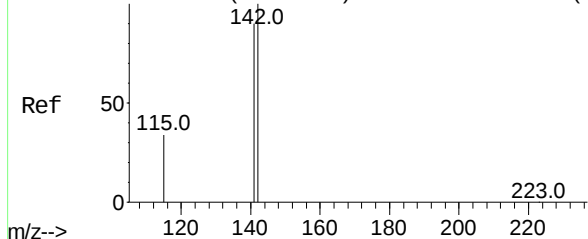
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



Abundance Scan 939 (11.991 min): BN017211.D\data.ms (-926) (-)



2-Methylnaphthalene

Concen: 0.106 ng

RT: 11.991 min Scan# 939

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

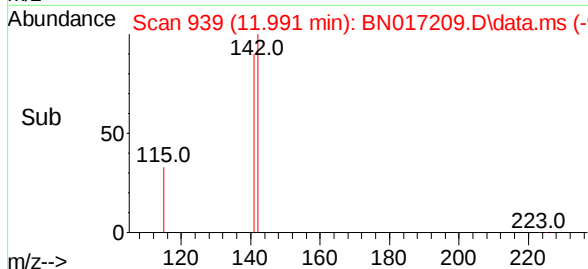
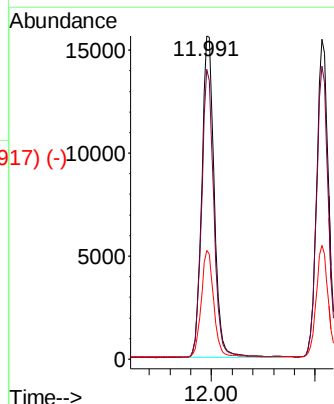
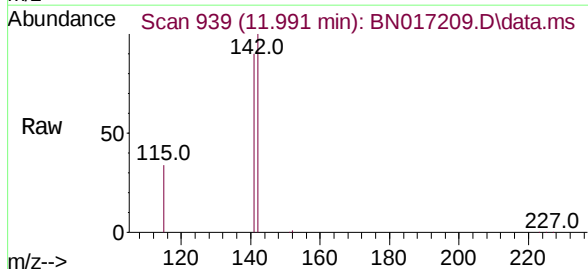
Tgt Ion:142 Resp: 25869

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

115 33.6 27.0 40.4



Abundance Scan 1188 (14.194 min): BN017211.D\data.ms (-1182) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.194 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BN017209.D

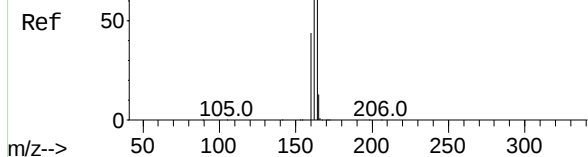
Acq: 01 Nov 2021 12:35

Instrument :

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SSTDICC0.1



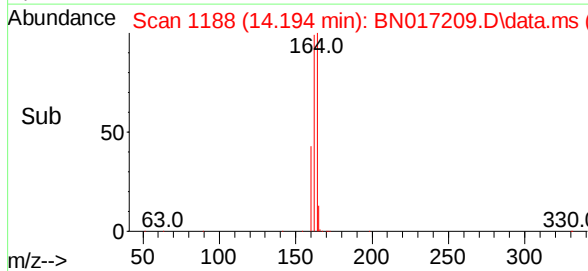
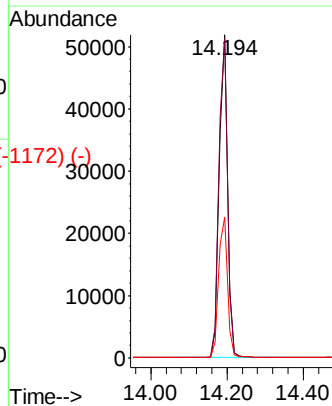
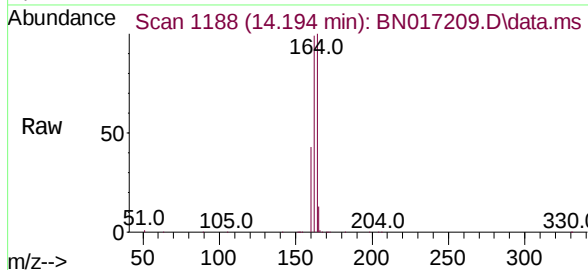
Tgt Ion:164 Resp: 79951

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 43.5 35.4 53.2



Abundance Scan 1306 (15.691 min): BN017211.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.076 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

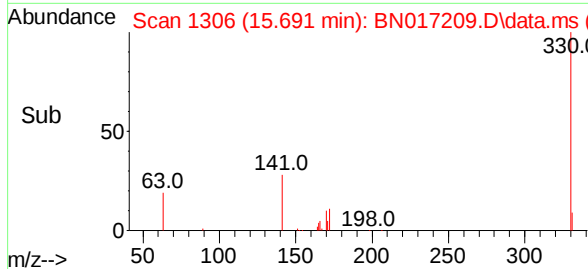
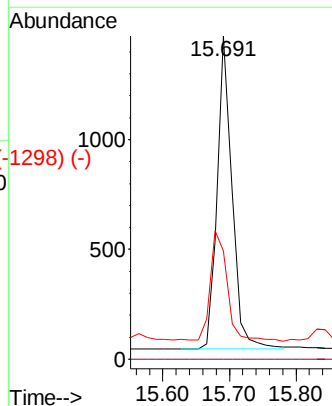
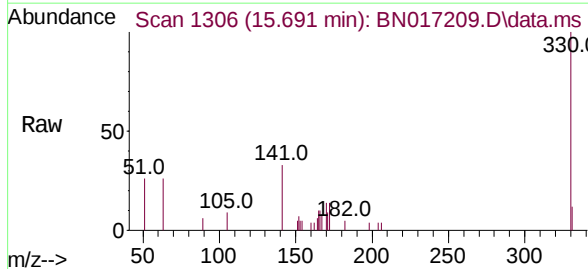
Tgt Ion:330 Resp: 2190

Ion Ratio Lower Upper

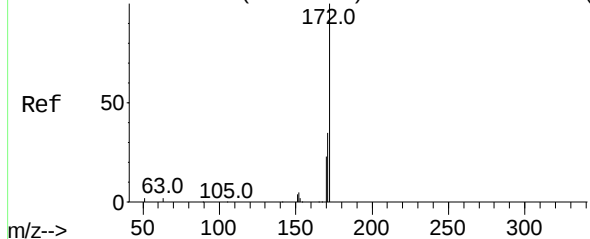
330 100

332 0.0 0.0 0.0

141 40.5 31.4 47.2



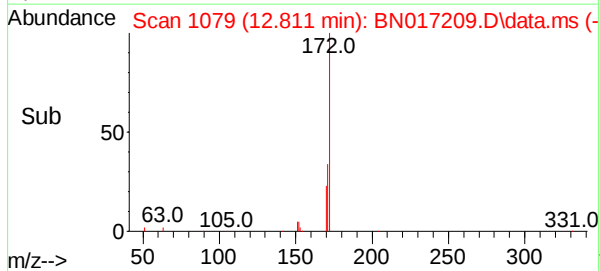
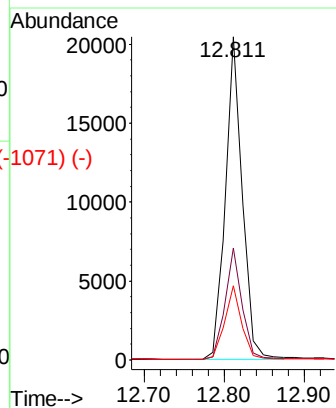
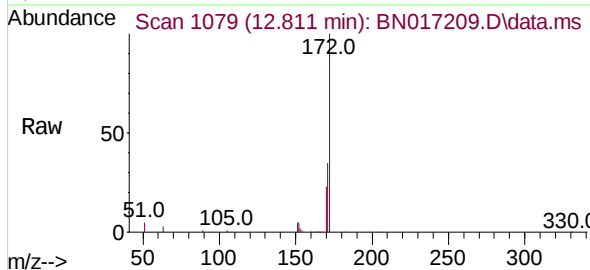
Abundance Scan 1079 (12.811 min): BN017211.D\data.ms (-1071) (-)



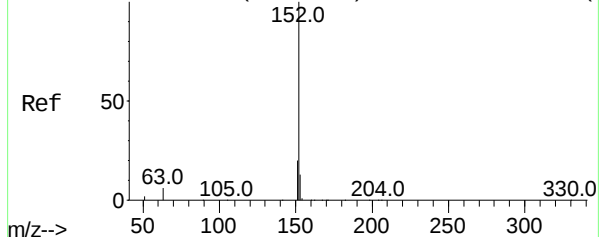
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017209.D
Acq: 01 Nov 2021 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:	172	Resp:	30293
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.0	18.4	27.6

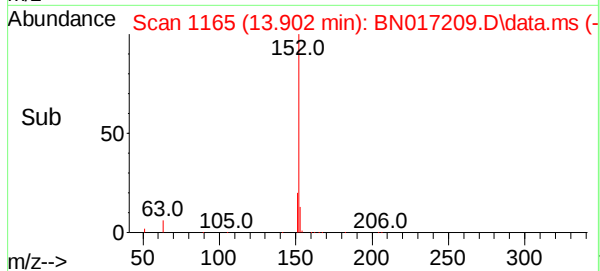
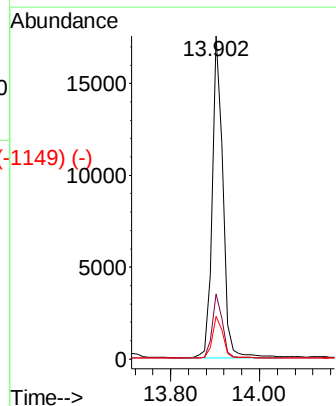
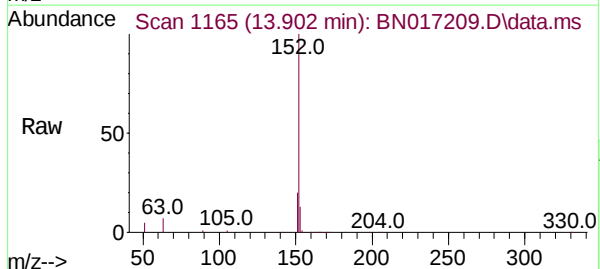


Abundance Scan 1165 (13.902 min): BN017211.D\data.ms (-1149) (-)



Acenaphthylene
Concen: 0.089 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017209.D
Acq: 01 Nov 2021 12:35

Tgt Ion:	152	Resp:	28534
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.5	15.7



Abundance Scan 1193 (14.257 min): BN017211.D\data.ms (-1185) (-)

Acenaphthene

Concen: 0.098 ng

RT: 14.257 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:154 Resp: 21591

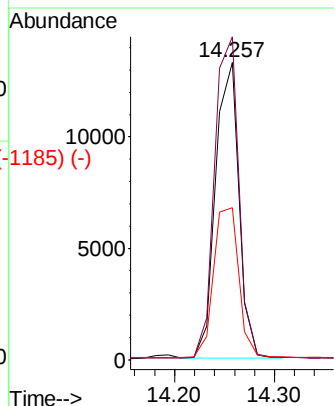
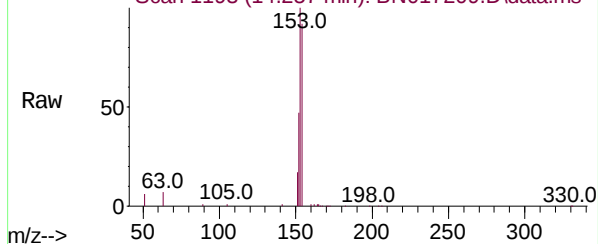
Ion Ratio Lower Upper

154 100

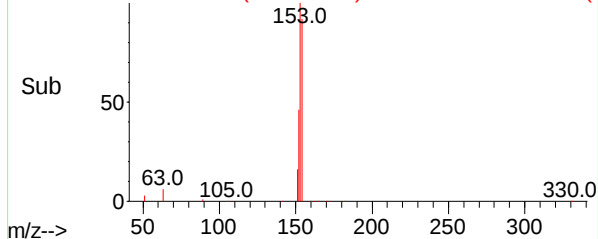
153 113.5 90.5 135.7

152 55.3 44.1 66.1

Abundance Scan 1193 (14.257 min): BN017209.D\data.ms



Abundance Scan 1193 (14.257 min): BN017209.D\data.ms (-1185) (-)



Abundance Scan 1271 (15.247 min): BN017211.D\data.ms (-1255) (-)

Fluorene

Concen: 0.094 ng

RT: 15.247 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:166 Resp: 24698

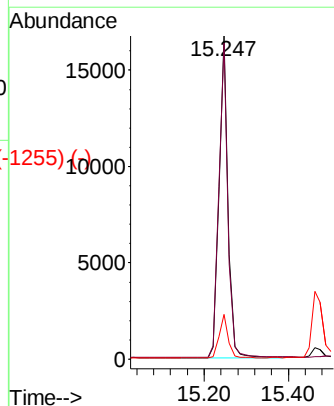
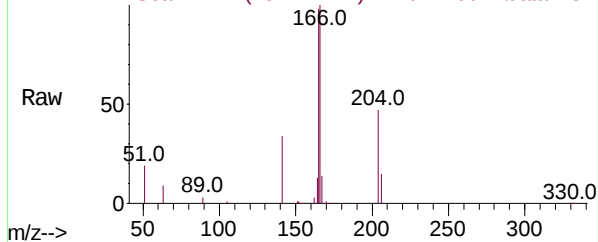
Ion Ratio Lower Upper

166 100

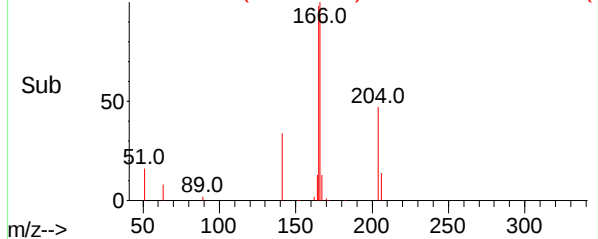
165 98.7 78.5 117.7

167 13.5 10.7 16.1

Abundance Scan 1271 (15.247 min): BN017209.D\data.ms



Abundance Scan 1271 (15.247 min): BN017209.D\data.ms (-1255) (-)



Abundance Scan 1408 (16.946 min): BN017211.D\data.ms (-1419) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.946 min Scan# 1408

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:188 Resp: 144607

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.1 5.1 7.7

Abundance Scan 1408 (16.946 min): BN017209.D\data.ms

Ref 50

80.0 151.0 188.0 248.0 330.0

m/z-->

Raw 50

80.0 151.0 188.0 266.0 332.0

m/z-->

Abundance Scan 1408 (16.946 min): BN017209.D\data.ms (-1392) (-)

Sub 50

80.0 141.0 188.0 250.0 284.0 330.0

m/z-->

Abundance

80000

60000

40000

20000

0

16.80 16.90 17.00

Time-->

Abundance Scan 1278 (15.336 min): BN017211.D\data.ms (-1724) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.042 ng

RT: 15.349 min Scan# 1279

Delta R.T. 0.013 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:198 Resp: 671

Ion Ratio Lower Upper

198 100

182 28.3 12.6 19.0#

77 0.0 0.0 0.0

Abundance Scan 1279 (15.349 min): BN017209.D\data.ms

Ref 50

51.0 105.0 198.0 330.0

m/z-->

Raw 50

51.0 105.0 141.0 198.0 330.0

m/z-->

Abundance Scan 1279 (15.349 min): BN017209.D\data.ms (-1270) (-)

Sub 50

51.0 105.0 153.0 198.0 330.0

m/z-->

Abundance

2000

1500

1000

500

0

15.20 15.40

Time-->

Abundance Scan 1342 (16.143 min): BN017211.D\data.ms (-1333) (-)

4-Bromophenyl-phenylether

Concen: 0.095 ng

RT: 16.143 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BN017209.D

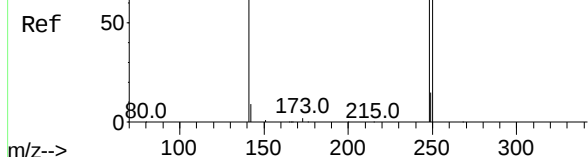
Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1



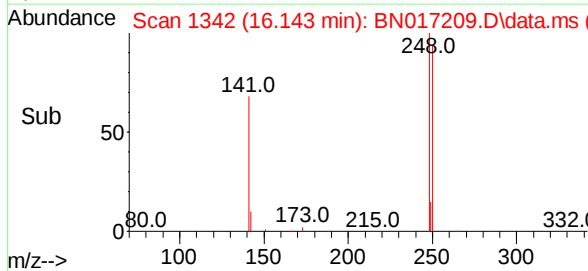
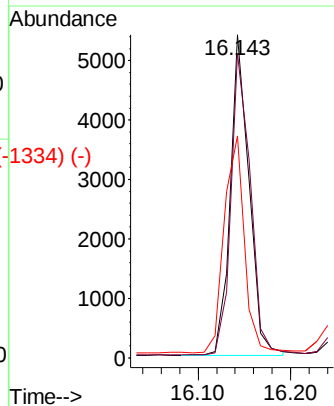
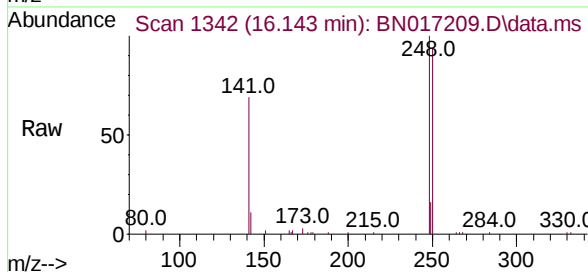
Tgt Ion:248 Resp: 7540

Ion Ratio Lower Upper

248 100

250 94.2 74.7 112.1

141 68.8 51.9 77.9



Abundance Scan 1351 (16.252 min): BN017211.D\data.ms (-1343) (-)

Hexachlorobenzene

Concen: 0.099 ng

RT: 16.252 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

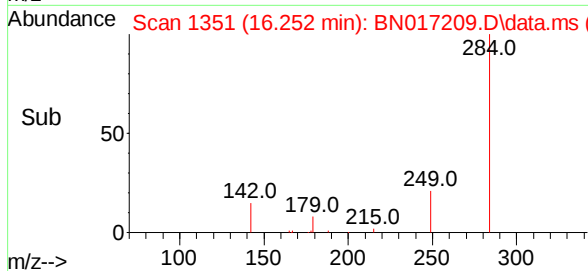
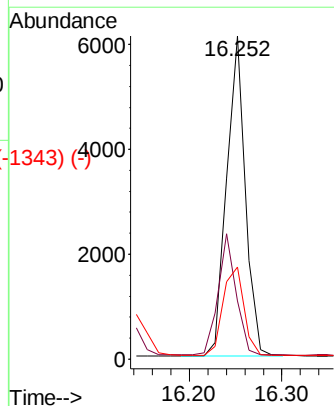
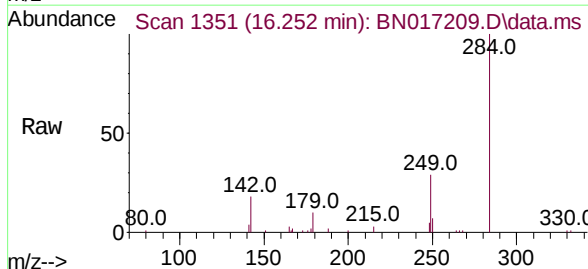
Tgt Ion:284 Resp: 8576

Ion Ratio Lower Upper

284 100

142 36.4 29.5 44.3

249 31.2 24.7 37.1



Abundance Scan 1365 (16.423 min): BN017211.D\data.ms (-1323) (-)

Atrazine

Concen: 0.086 ng

RT: 16.423 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BN017209.D

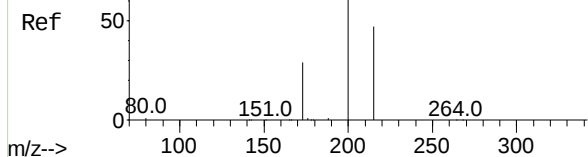
Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



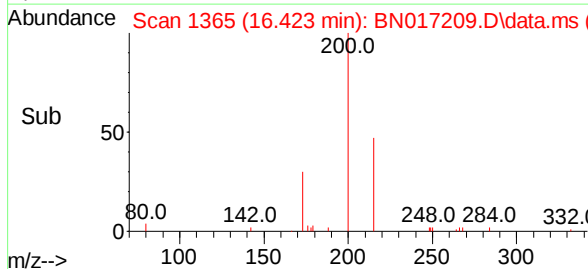
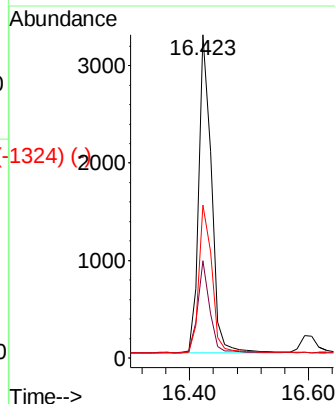
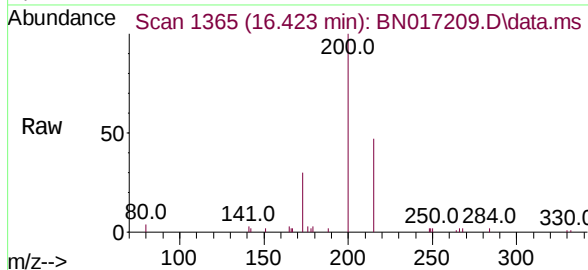
Tgt Ion:200 Resp: 4805

Ion Ratio Lower Upper

200 100

173 30.1 23.3 34.9

215 47.3 37.5 56.3



Abundance Scan 1380 (16.605 min): BN017211.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.060 ng

RT: 16.605 min Scan# 1380

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

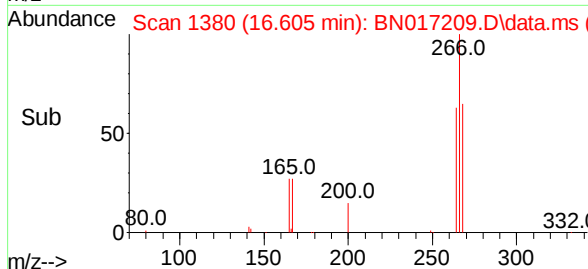
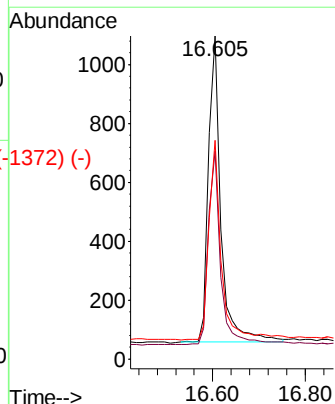
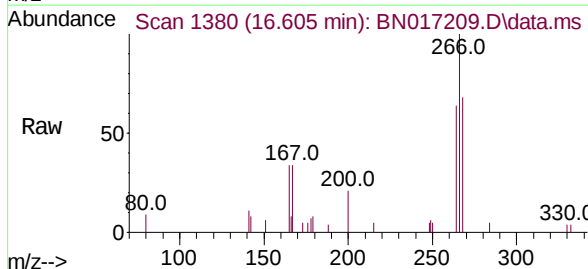
Tgt Ion:266 Resp: 1910

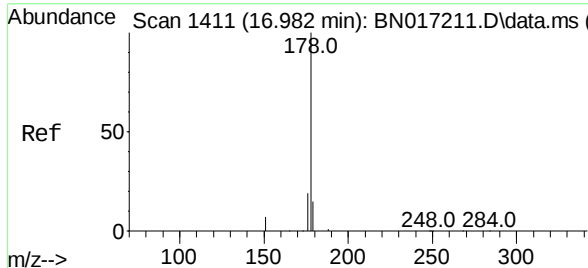
Ion Ratio Lower Upper

266 100

264 62.1 49.8 74.6

268 65.9 51.2 76.8

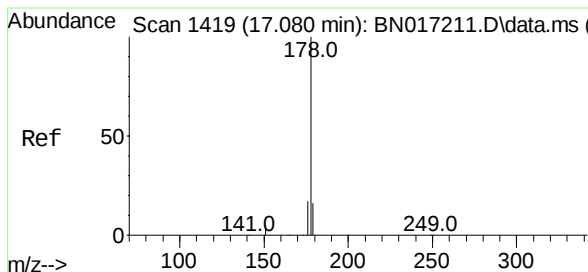
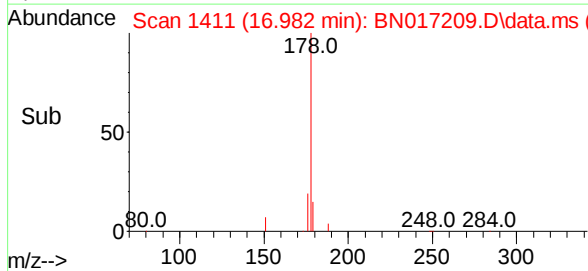
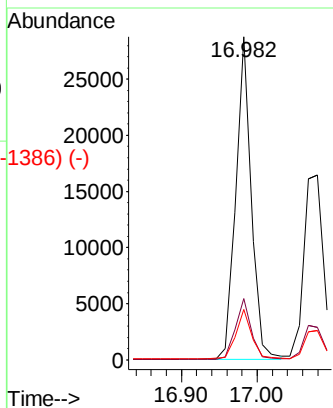
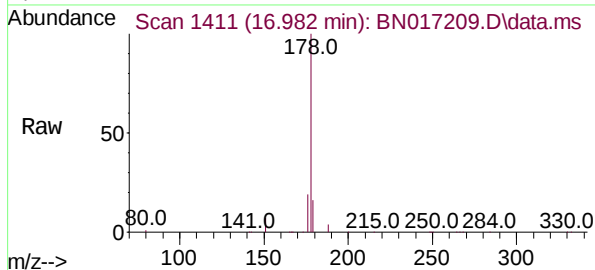




Scan 1411 (16.982 min): BN017211.D\data.ms (-1425) (-)
 Phenanthrene
 Concen: 0.100 ng
 RT: 16.982 min Scan# 1411
 Delta R.T. 0.000 min
 Lab File: BN017209.D
 Acq: 01 Nov 2021 12:35

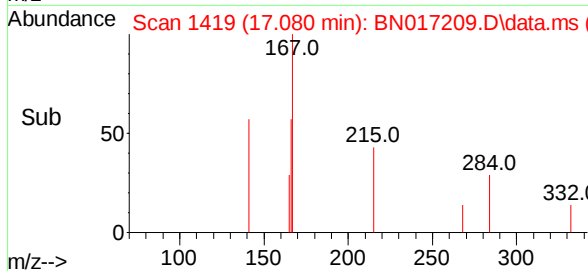
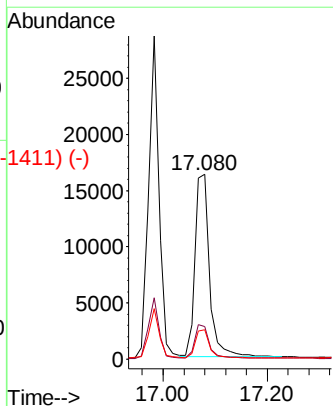
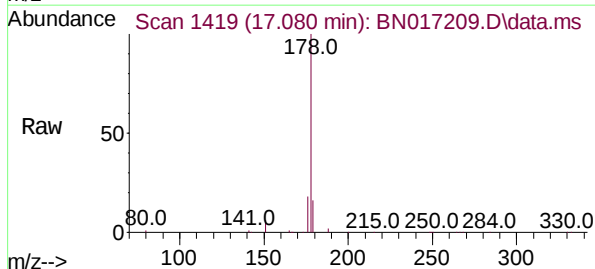
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:	178	Resp:	40296
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.9	12.3	18.5



Scan 1419 (17.080 min): BN017211.D\data.ms (-1426) (-)
 Anthracene
 Concen: 0.091 ng
 RT: 17.080 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: BN017209.D
 Acq: 01 Nov 2021 12:35

Tgt Ion:	178	Resp:	31011
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.6	22.0
179	15.1	12.3	18.5



Abundance Scan 1691 (18.985 min): BN017211.D\data.ms (-1623) (-)

Fluoranthene-d10

Concen: 0.085 ng

RT: 18.985 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:212 Resp: 34375

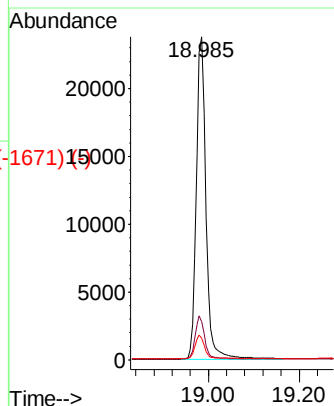
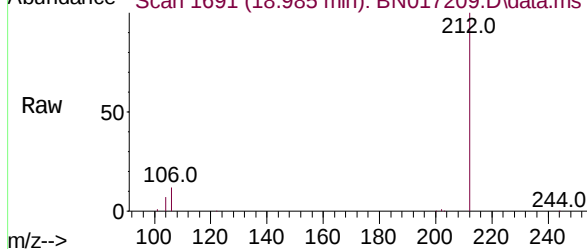
Ion Ratio Lower Upper

212 100

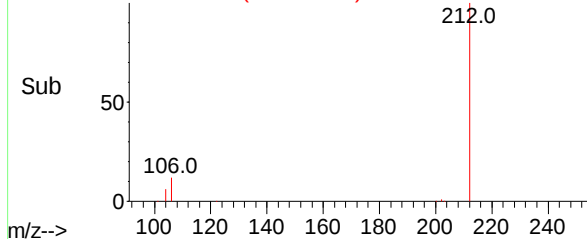
106 13.0 10.6 15.8

104 7.3 5.8 8.6

Abundance Scan 1691 (18.985 min): BN017209.D\data.ms



Abundance Scan 1691 (18.985 min): BN017209.D\data.ms (-1671) (-)



Abundance Scan 1697 (19.015 min): BN017211.D\data.ms (-1623) (-)

Fluoranthene

Concen: 0.097 ng

RT: 19.015 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:202 Resp: 42458

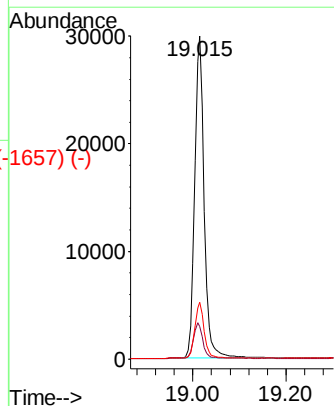
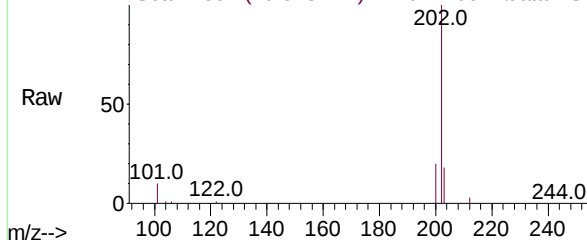
Ion Ratio Lower Upper

202 100

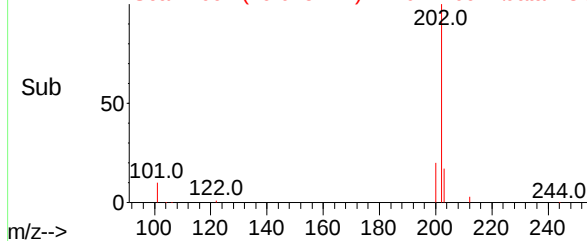
101 11.2 8.9 13.3

203 17.0 13.8 20.6

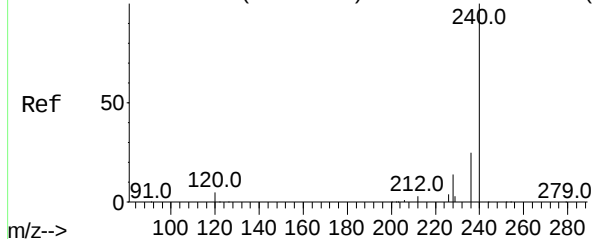
Abundance Scan 1697 (19.015 min): BN017209.D\data.ms



Abundance Scan 1697 (19.015 min): BN017209.D\data.ms (-1657) (-)



Abundance Scan 2005 (21.154 min): BN017211.D\data.ms (-1929)



Chrysene-d12

Concen: 0.400 ng

RT: 21.154 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

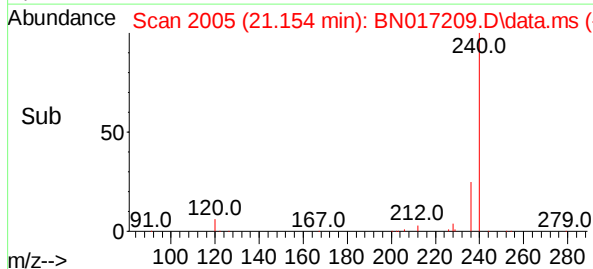
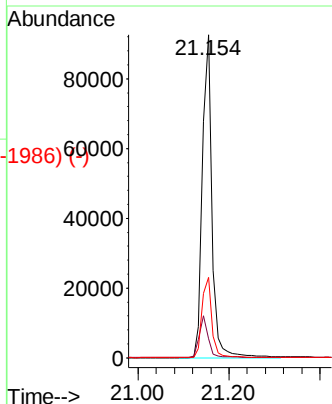
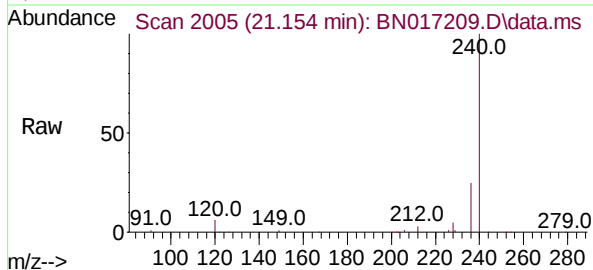
Tgt Ion:240 Resp: 134516

Ion Ratio Lower Upper

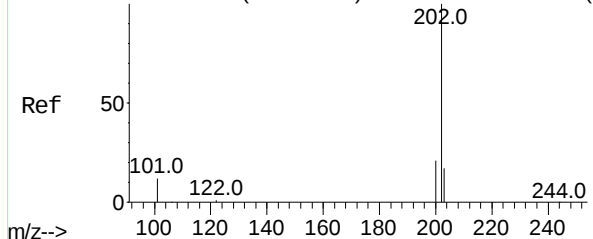
240 100

120 5.8 4.2 6.4

236 25.0 20.2 30.2



Abundance Scan 1770 (19.377 min): BN017211.D\data.ms (-1730)



Pyrene

Concen: 0.101 ng

RT: 19.377 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

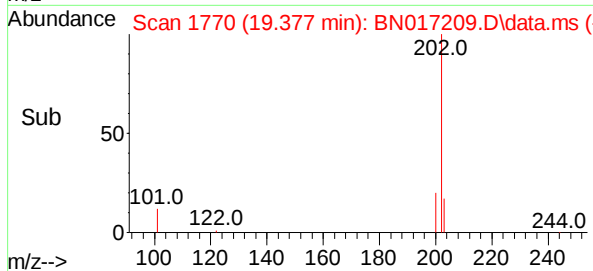
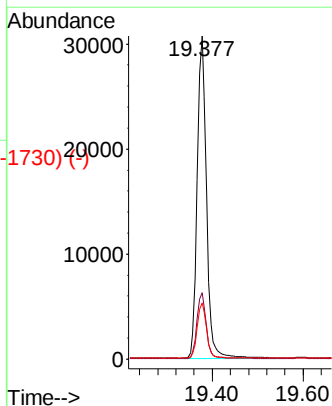
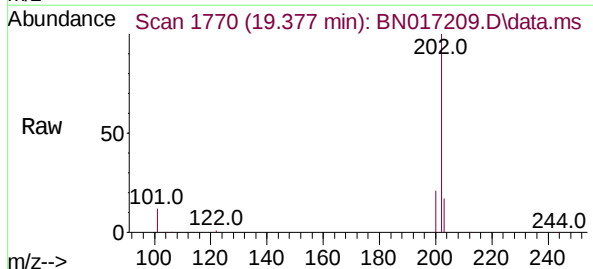
Tgt Ion:202 Resp: 42932

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.4 13.9 20.9



Abundance Scan 1815 (19.600 min): BN017211.D\data.ms (-1834) (-)

Terphenyl-d14

Concen: 0.100 ng

RT: 19.595 min Scan# 1815

Delta R.T. -0.005 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:244 Resp: 28846

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 13.2 8.3 12.5#

Abundance Scan 1814 (19.595 min): BN017209.D\data.ms

Ref 50

244.0

212.0

122.0

101.0

m/z-->

Abundance Scan 1814 (19.595 min): BN017209.D\data.ms (-1785) (-)

Ref 50

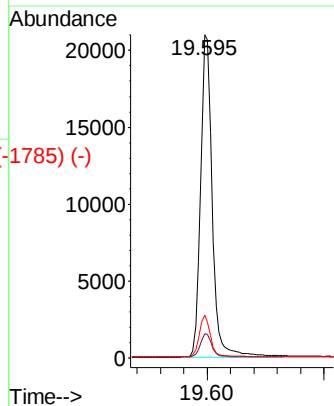
244.0

212.0

122.0

101.0

m/z-->



Abundance Scan 2003 (21.133 min): BN017211.D\data.ms (-1932) (-)

Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.133 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:228 Resp: 38092

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.8 15.5 23.3

Abundance Scan 2003 (21.133 min): BN017209.D\data.ms

Ref 50

228.0

254.0279.0

200.0

149.0

120.0

91.0

m/z-->

Abundance Scan 2003 (21.133 min): BN017209.D\data.ms (-1984) (-)

Ref 50

228.0

254.0279.0

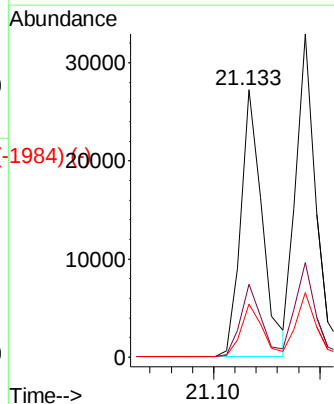
200.0

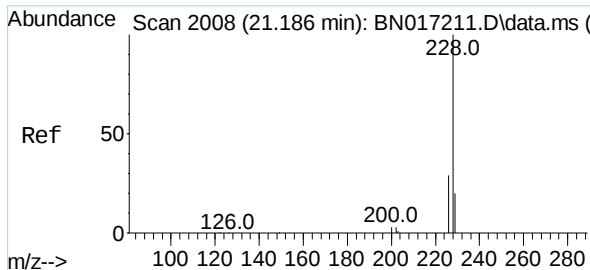
167.0

120.0

91.0

m/z-->





Chrysene

Concen: 0.101 ng

RT: 21.186 min Scan# 2008

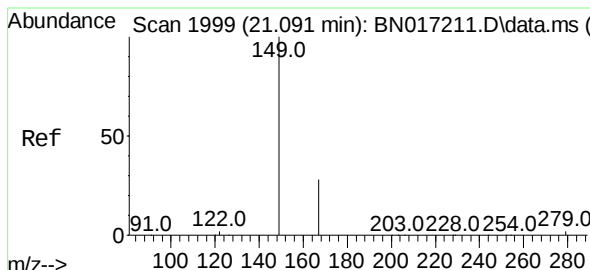
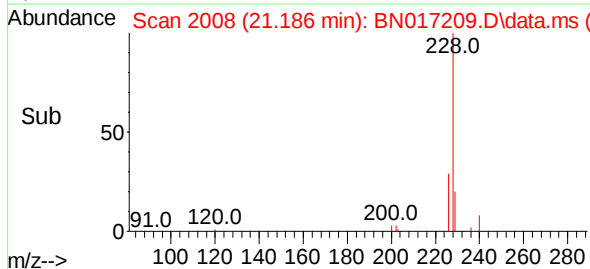
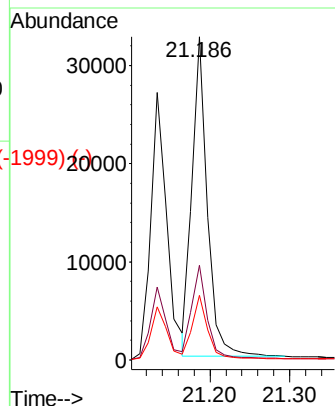
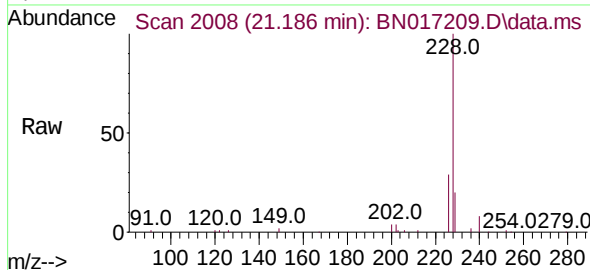
Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:	228	Resp:	43089
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	20.0	15.6	23.4



Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

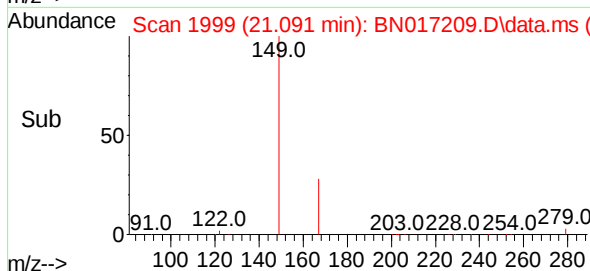
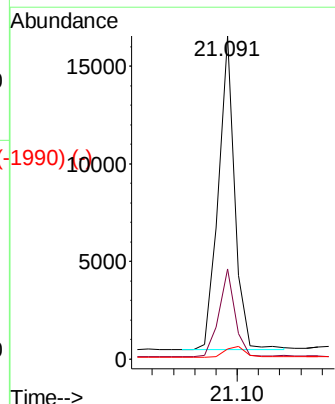
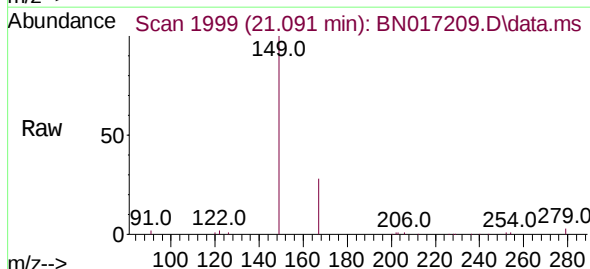
RT: 21.091 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:	149	Resp:	17122
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	4.2	3.1	4.7



Abundance Scan 2399 (23.352 min): BN017211.D\data.ms (-2355) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.356 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:264 Resp: 137654

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 23.3 18.8 28.2

Abundance Scan 2400 (23.356 min): BN017209.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 2400 (23.356 min): BN017209.D\data.ms (-2355) (-)

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 2400 (23.356 min): BN017209.D\data.ms (-2355) (-)

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance

23.356

60000

40000

20000

0

Time-->

Abundance Scan 3046 (25.567 min): BN017211.D\data.ms (-3026) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng

RT: 25.574 min Scan# 3048

Delta R.T. 0.007 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:276 Resp: 45972

Ion Ratio Lower Upper

276 100

138 27.4 20.2 30.4

277 25.1 20.0 30.0

Abundance Scan 3048 (25.574 min): BN017209.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 3048 (25.574 min): BN017209.D\data.ms (-3017) (-)

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance

25.574

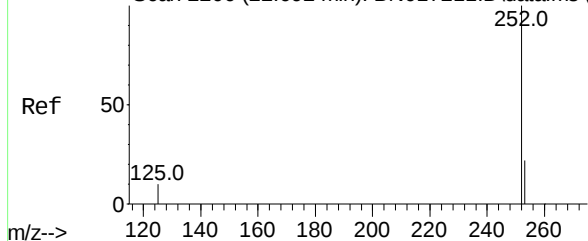
10000

5000

0

Time-->

Abundance Scan 2206 (22.692 min): BN017211.D\data.ms (-2137) (-)



Benzo(b)fluoranthene

Concen: 0.093 ng

RT: 22.695 min Scan# 2137

Delta R.T. 0.003 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

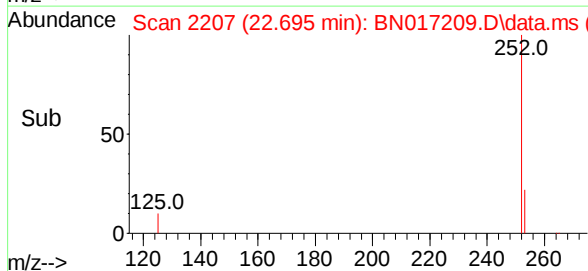
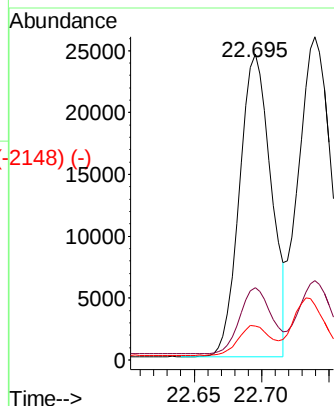
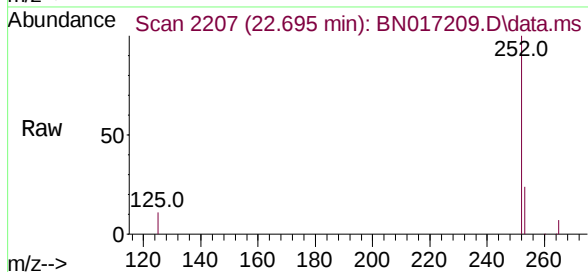
Tgt Ion:252 Resp: 40047

Ion Ratio Lower Upper

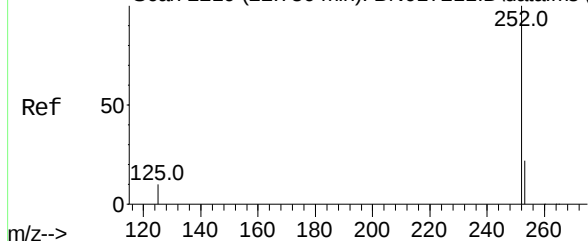
252 100

253 23.6 17.6 26.4

125 11.1 8.2 12.4



Abundance Scan 2219 (22.736 min): BN017211.D\data.ms (-2138) (-)



Benzo(k)fluoranthene

Concen: 0.101 ng

RT: 22.740 min Scan# 2220

Delta R.T. 0.003 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

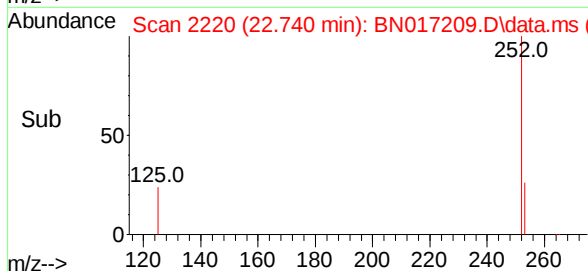
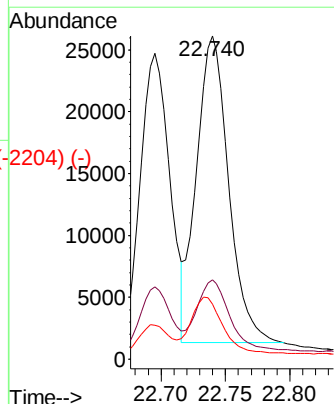
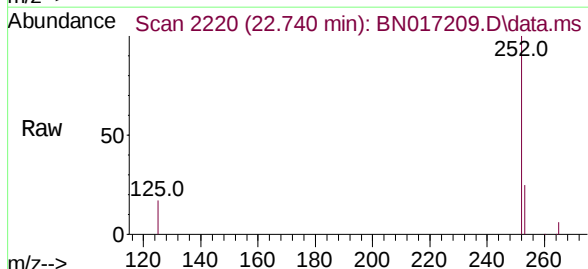
Tgt Ion:252 Resp: 43194

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 17.1 8.5 12.7#



Abundance Scan 2371 (23.256 min): BN017211.D\data.ms (-2313) (-)

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.256 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:252 Resp: 35648

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

125 12.9 9.0 13.6

Abundance Scan 2371 (23.256 min): BN017209.D\data.ms

252.0

125.0

Ref

50

0

120 140 160 180 200 220 240 260

m/z-->

Abundance Scan 2371 (23.256 min): BN017209.D\data.ms (-2313) (-)

252.0

125.0

Ref

50

0

120 140 160 180 200 220 240 260

m/z-->

Abundance Scan 2371 (23.256 min): BN017209.D\data.ms (-2313) (-)

252.0

125.0

Ref

50

0

120 140 160 180 200 220 240 260

m/z-->

Abundance

15000

10000

5000

0

23.20 23.30

Time-->

Abundance Scan 3053 (25.591 min): BN017211.D\data.ms (-3024) (-)

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 25.591 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

Tgt Ion:278 Resp: 35991

Ion Ratio Lower Upper

278 100

139 19.2 12.9 19.3

279 24.6 19.0 28.4

Abundance Scan 3053 (25.591 min): BN017209.D\data.ms

278.0

138.0

Ref

50

0

140 160 180 200 220 240 260 280

m/z-->

Abundance Scan 3053 (25.591 min): BN017209.D\data.ms (-3024) (-)

278.0

138.0

Ref

50

0

140 160 180 200 220 240 260 280

m/z-->

Abundance

10000

8000

6000

4000

2000

0

25.60

Time-->

Abundance Scan 3243 (26.241 min): BN017211.D\data.ms (-3216) (-)



Benzo(g,h,i)perylene

Concen: 0.094 ng

RT: 26.245 min Scan# 3243

Delta R.T. 0.003 min

Lab File: BN017209.D

Acq: 01 Nov 2021 12:35

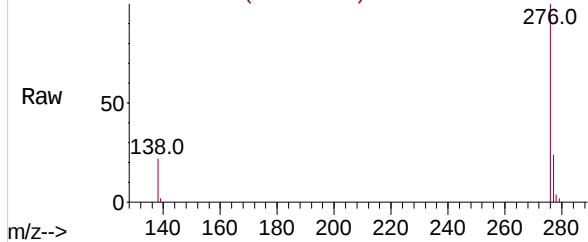
Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Abundance Scan 3244 (26.245 min): BN017209.D\data.ms



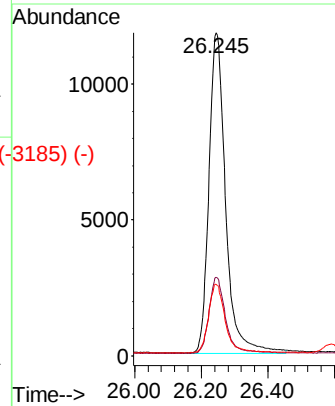
Tgt Ion:276 Resp: 40977

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.1 17.2 25.8



Abundance Scan 3244 (26.245 min): BN017209.D\data.ms (-3185) (-)

