

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
 Data File : BN017213.D
 Acq On : 01 Nov 2021 15:00
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Nov 01 15:46:56 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)

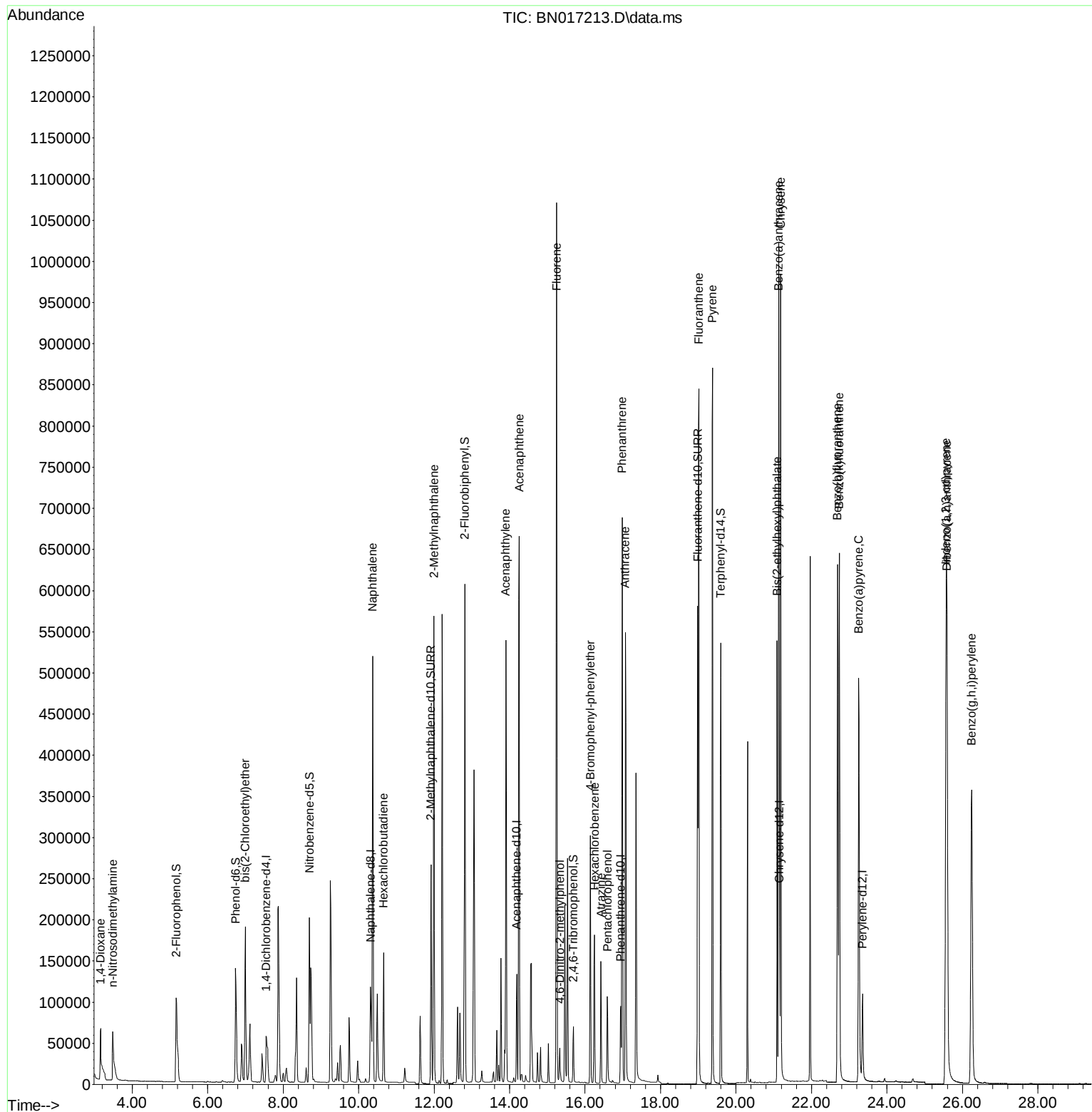
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	34602	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	150833	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	79624	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	143607	0.400	ng	0.00
29) Chrysene-d12	21.154	240	143726	0.400	ng	0.00
35) Perylene-d12	23.352	264	139500	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	142586	1.837	ng	0.00
5) Phenol-d6	6.740	99	157843	1.833	ng	0.00
8) Nitrobenzene-d5	8.697	82	161433	1.836	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	358100	1.566	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	50390	1.759	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	499276	1.677	ng	0.00
27) Fluoranthene-d10	18.985	212	631755	1.566	ng	0.00
31) Terphenyl-d14	19.595	244	521471	1.689	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	40400	2.191	ng	# 71
3) n-Nitrosodimethylamine	3.485	42	55659	1.835	ng	99
6) bis(2-Chloroethyl)ether	6.998	93	157982	1.734	ng	98
9) Naphthalene	10.370	128	651507	1.656	ng	100
10) Hexachlorobutadiene	10.662	225	122526	1.691	ng	# 99
12) 2-Methylnaphthalene	11.995	142	413057	1.670	ng	97
16) Acenaphthylene	13.902	152	588283	1.846	ng	100
17) Acenaphthene	14.257	154	367577	1.672	ng	100
18) Fluorene	15.247	166	445190	1.709	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	29839	1.891	ng	# 88
21) 4-Bromophenyl-phenylether	16.143	248	138336	1.750	ng	96
22) Hexachlorobenzene	16.252	284	145395	1.687	ng	99
23) Atrazine	16.423	200	108455	1.949	ng	100
24) Pentachlorophenol	16.593	266	52846	1.672	ng	100
25) Phenanthrene	16.982	178	671393	1.670	ng	100
26) Anthracene	17.068	178	614713	1.826	ng	100
28) Fluoranthene	19.015	202	749655	1.719	ng	100
30) Pyrene	19.377	202	763957	1.689	ng	100
32) Benzo(a)anthracene	21.133	228	788458	1.815	ng	100
33) Chrysene	21.186	228	743755	1.628	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	397248	2.167	ng	99
36) Indeno(1,2,3-cd)pyrene	25.567	276	844772	1.667	ng	100
37) Benzo(b)fluoranthene	22.692	252	783758	1.801	ng	100
38) Benzo(k)fluoranthene	22.736	252	753535	1.741	ng	100
39) Benzo(a)pyrene	23.253	252	711216	1.807	ng	99
40) Dibenzo(a,h)anthracene	25.591	278	689078	1.676	ng	100
41) Benzo(g,h,i)perylene	26.245	276	735218	1.658	ng	100

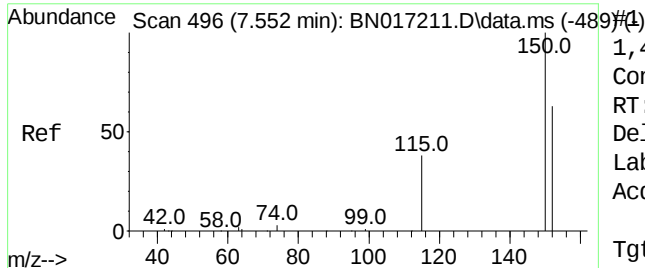
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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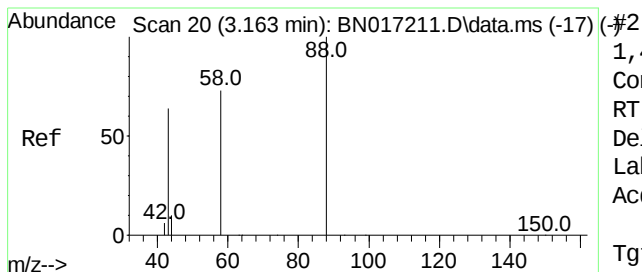
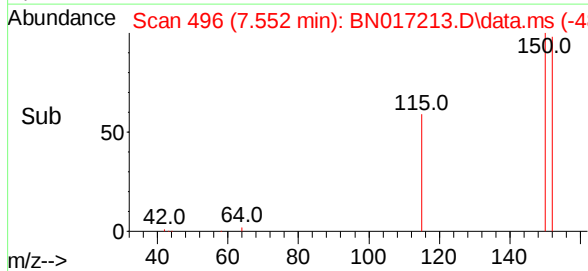
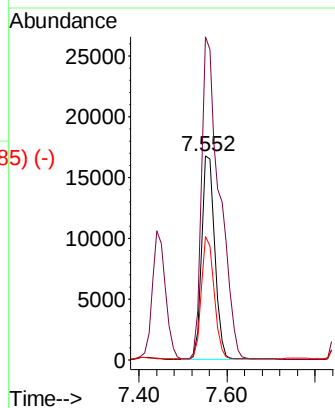
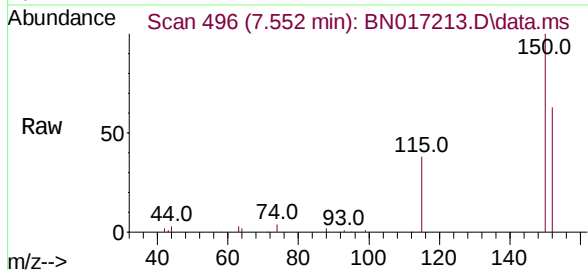




1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017213.D
Acq: 01 Nov 2021 15:00

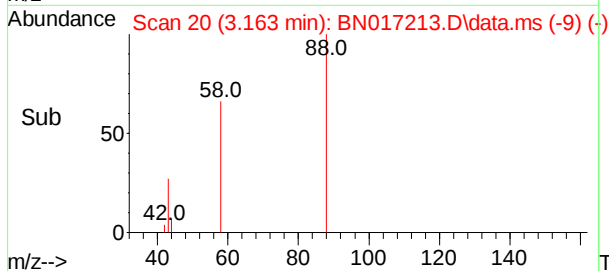
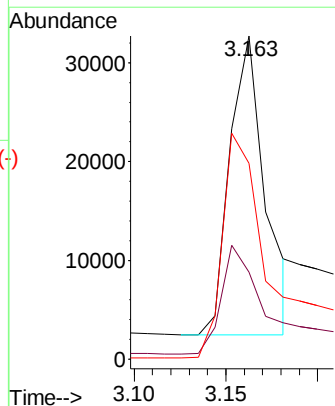
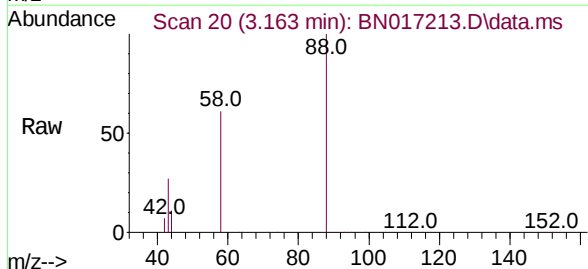
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

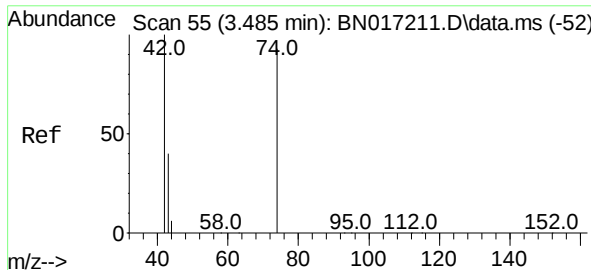
Tgt Ion:152 Resp: 34602
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.0
115 60.6 48.5 72.7



1,4-Dioxane
Concen: 2.191 ng
RT: 3.163 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017213.D
Acq: 01 Nov 2021 15:00

Tgt Ion: 88 Resp: 40400
Ion Ratio Lower Upper
88 100
43 39.8 72.9 109.3#
58 83.5 68.6 103.0



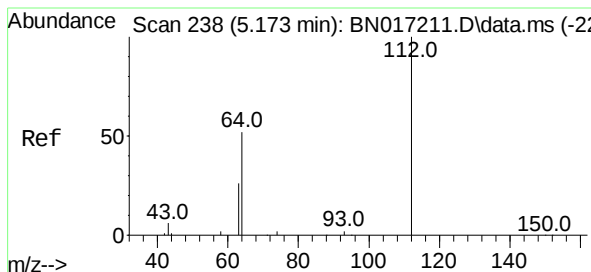
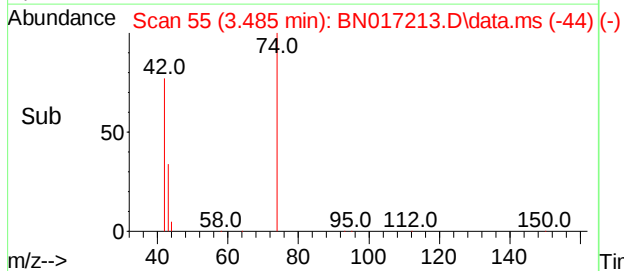
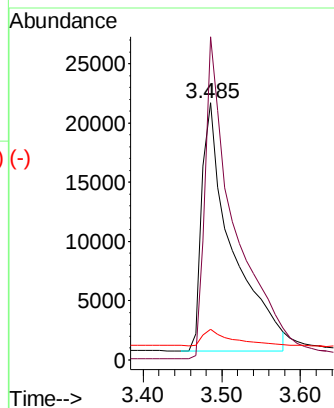
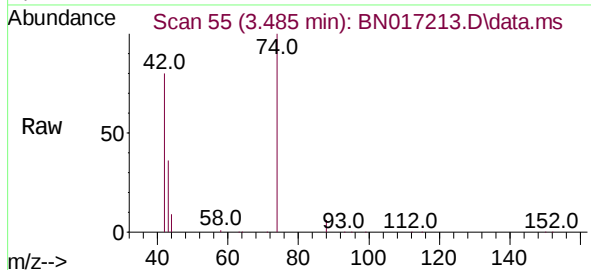


n-Nitrosodimethylamine
 Concen: 1.835 ng
 RT: 3.485 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tgt Ion: 42 Resp: 55659

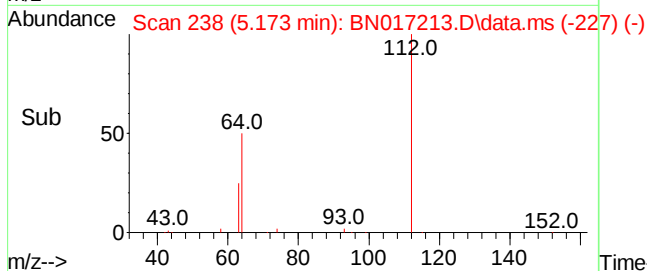
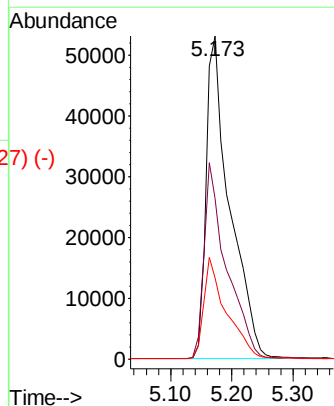
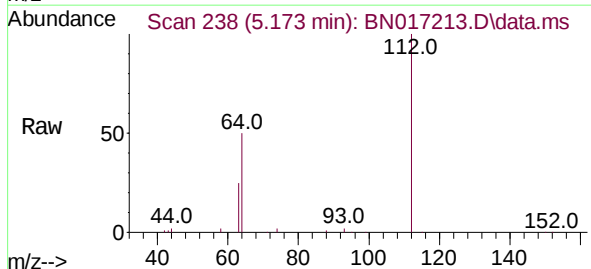
Ion	Ratio	Lower	Upper
42	100		
74	126.3	100.6	150.8
44	6.2	4.6	6.8

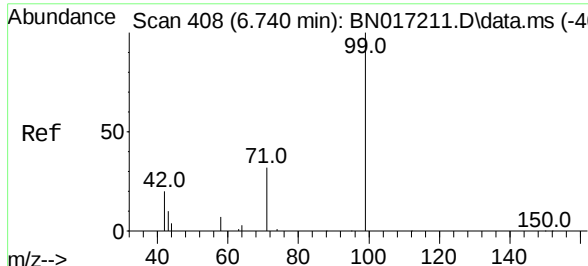


2-Fluorophenol
 Concen: 1.837 ng
 RT: 5.173 min Scan# 238
 Delta R.T. 0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

Tgt Ion: 112 Resp: 142586

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	29.8	23.9	35.9

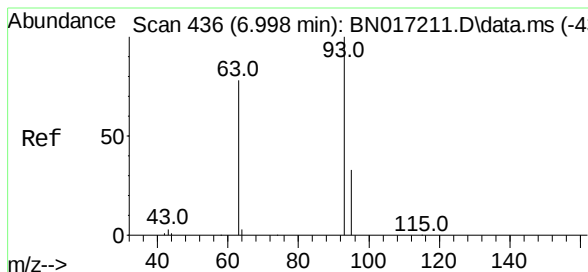
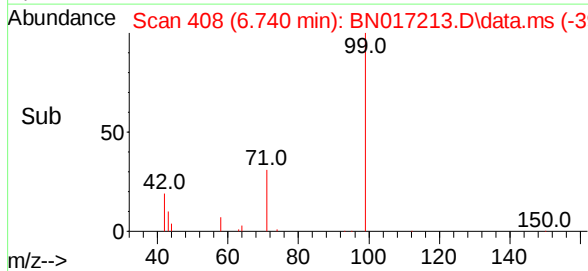
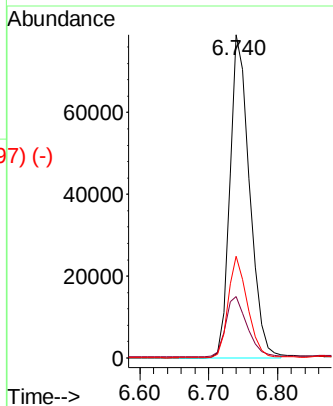
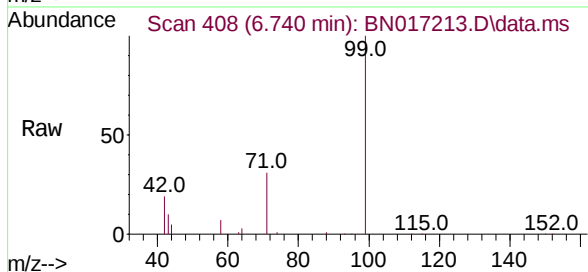




Phenol-d6
 Concen: 1.833 ng
 RT: 6.740 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

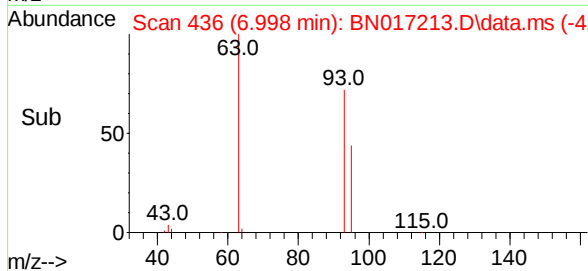
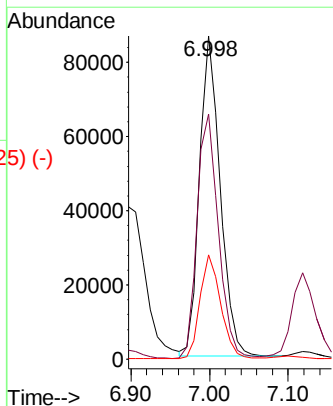
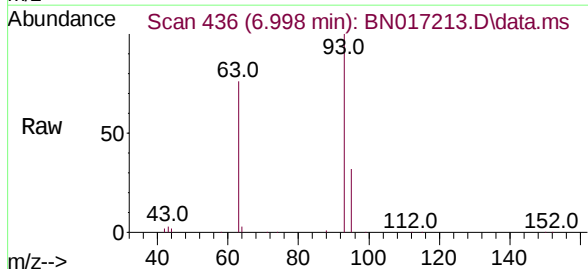
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tgt Ion: 99 Resp: 157843
 Ion Ratio Lower Upper
 99 100
 42 20.2 16.5 24.7
 71 30.8 24.7 37.1



bis(2-Chloroethyl)ether
 Concen: 1.734 ng
 RT: 6.998 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

Tgt Ion: 93 Resp: 157982
 Ion Ratio Lower Upper
 93 100
 63 78.5 64.5 96.7
 95 32.5 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: BN017213.D

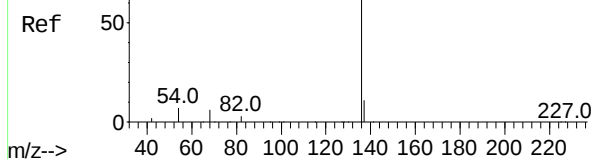
Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



Tgt Ion:136 Resp: 150833

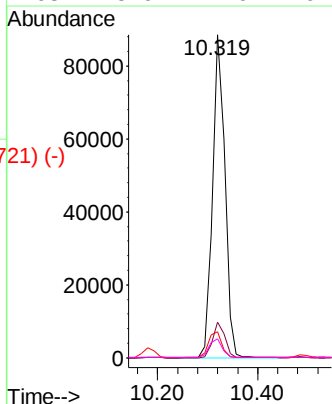
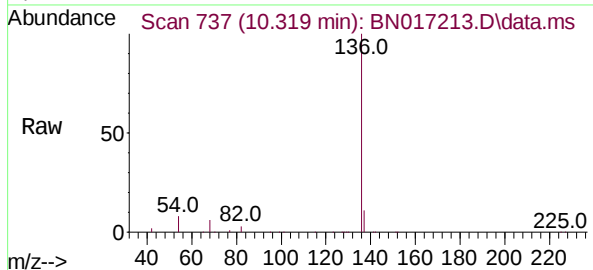
Ion Ratio Lower Upper

136 100

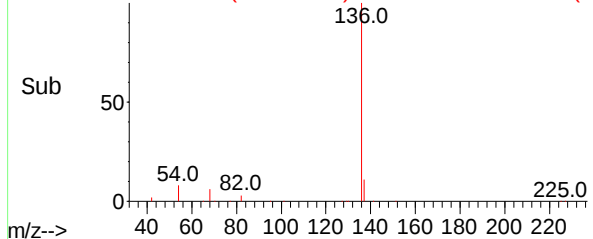
137 11.0 8.7 13.1

54 8.1 6.1 9.1

68 5.9 4.6 6.8



Abundance Scan 737 (10.319 min): BN017213.D\data.ms (-721) (-)



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

Nitrobenzene-d5

Concen: 1.836 ng

RT: 8.697 min Scan# 609

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

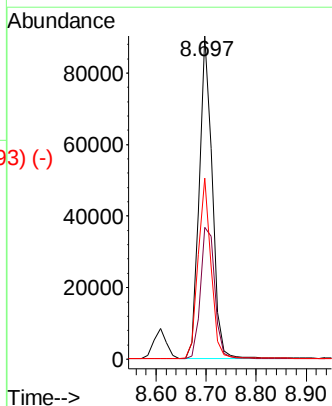
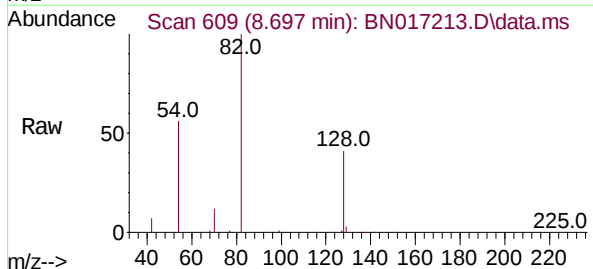
Tgt Ion: 82 Resp: 161433

Ion Ratio Lower Upper

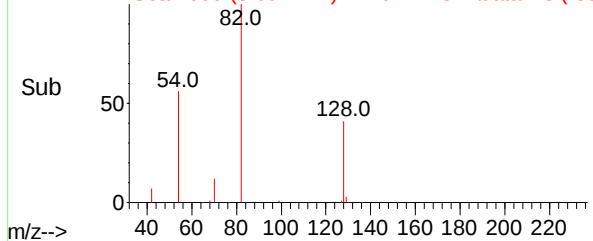
82 100

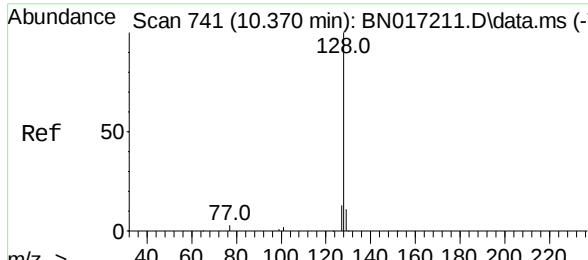
128 40.7 32.0 48.0

54 55.9 45.0 67.4



Abundance Scan 609 (8.697 min): BN017213.D\data.ms (-593) (-)

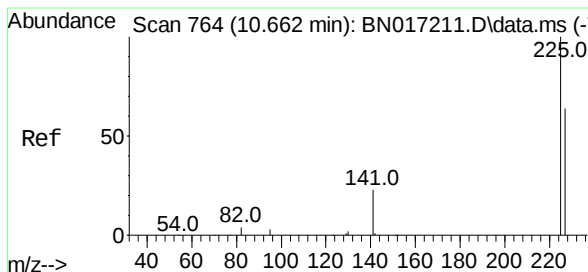
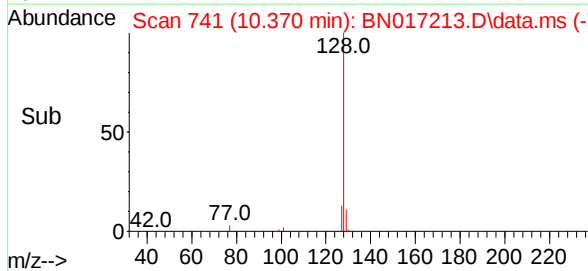
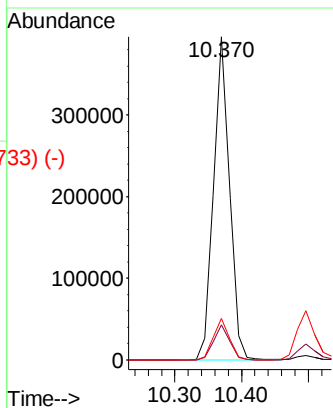
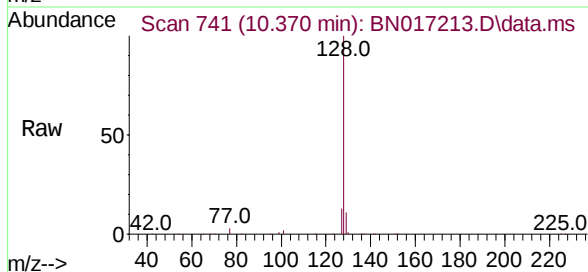




Scan 741 (10.370 min): BN017211.D\data.ms (-736) (-)
 Naphthalene
 Concen: 1.656 ng
 RT: 10.370 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

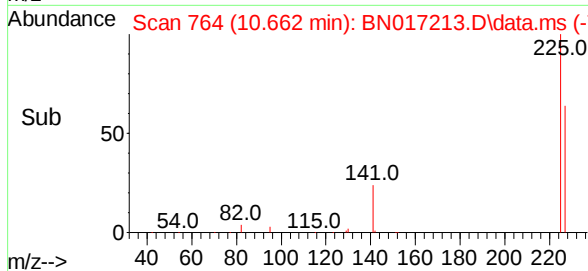
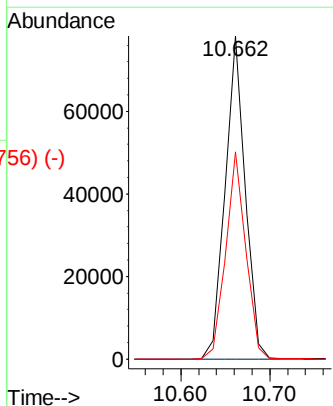
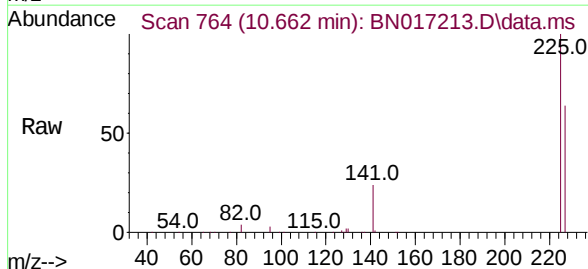
Instrument :
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Tgt Ion:	128	Resp:	651507
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.3	15.5



Scan 764 (10.662 min): BN017211.D\data.ms (-759) (-)
 Hexachlorobutadiene
 Concen: 1.691 ng
 RT: 10.662 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

Tgt Ion:	225	Resp:	122526
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.6	76.0



Abundance Scan 923 (11.920 min): BN017211.D\data.ms (-911) (-1)

2-Methylnaphthalene-d10

Concen: 1.566 ng

RT: 11.920 min Scan# 923

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:152 Resp: 358100

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

Abundance Scan 923 (11.920 min): BN017213.D\data.ms

152.0

115.0

227.0

m/z-->

Ref

50

0

120 140 160 180 200 220

m/z-->

Abundance Scan 923 (11.920 min): BN017213.D\data.ms (-878) (-)

152.0

115.0

227.0

m/z-->

Sub

50

0

120 140 160 180 200 220

m/z-->

Abundance

11.920

200000

150000

100000

50000

0

11.80 12.00

Time-->

Abundance Scan 939 (11.991 min): BN017211.D\data.ms (-926) (-1)

2-Methylnaphthalene

Concen: 1.670 ng

RT: 11.995 min Scan# 940

Delta R.T. 0.004 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:142 Resp: 413057

Ion Ratio Lower Upper

142 100

141 86.9 71.6 107.4

115 32.1 27.0 40.4

Abundance Scan 940 (11.995 min): BN017213.D\data.ms

142.0

115.0

227.0

m/z-->

Ref

50

0

120 140 160 180 200 220

m/z-->

Abundance Scan 940 (11.995 min): BN017213.D\data.ms (-917) (-)

142.0

115.0

225.0

m/z-->

Sub

50

0

120 140 160 180 200 220

m/z-->

Abundance

11.995

250000

200000

150000

100000

50000

0

12.00 12.20

Time-->

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: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:164 Resp: 79624

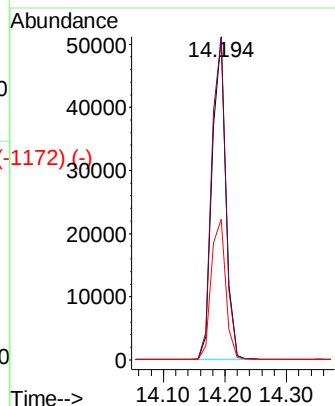
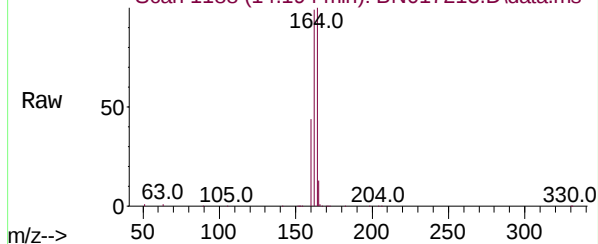
Ion Ratio Lower Upper

164 100

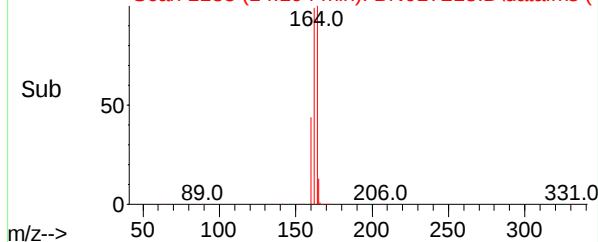
162 99.4 79.8 119.8

160 43.6 35.4 53.2

Abundance Scan 1188 (14.194 min): BN017213.D\data.ms



Abundance Scan 1188 (14.194 min): BN017213.D\data.ms (-1172) (-)



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

2,4,6-Tribromophenol

Concen: 1.759 ng

RT: 15.691 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:330 Resp: 50390

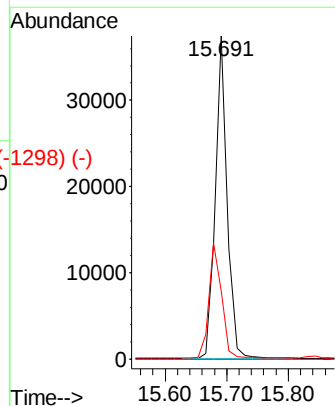
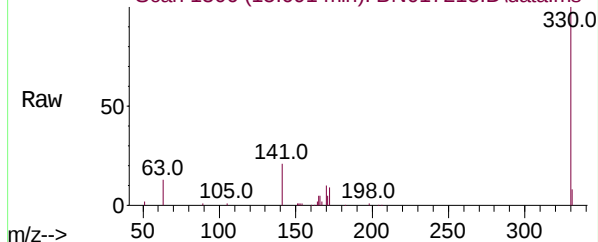
Ion Ratio Lower Upper

330 100

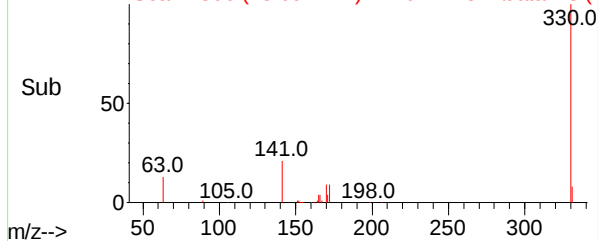
332 0.0 0.0 0.0

141 38.2 31.4 47.2

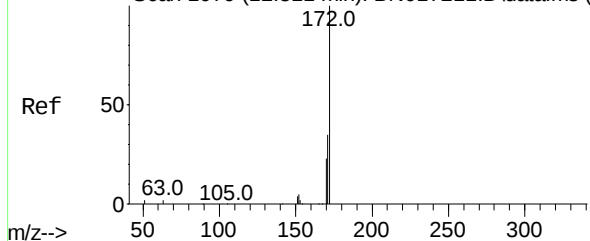
Abundance Scan 1306 (15.691 min): BN017213.D\data.ms



Abundance Scan 1306 (15.691 min): BN017213.D\data.ms (-1298) (-)



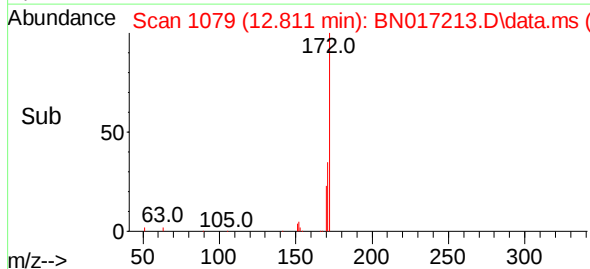
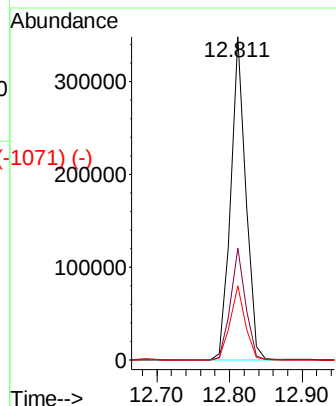
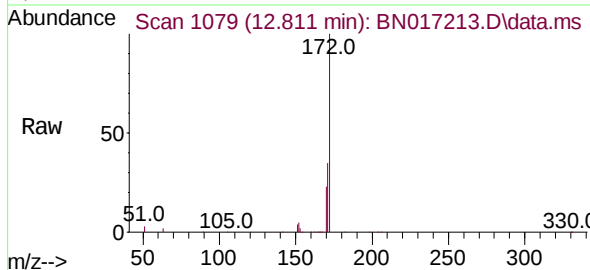
Abundance Scan 1079 (12.811 min): BN017211.D\data.ms (-1071) (-)



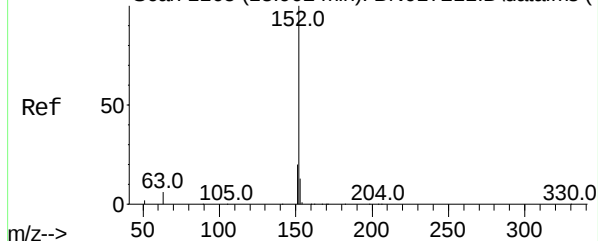
2-Fluorobiphenyl
Concen: 1.677 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017213.D
Acq: 01 Nov 2021 15:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:	172	Resp:	499276
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	22.9	18.4	27.6

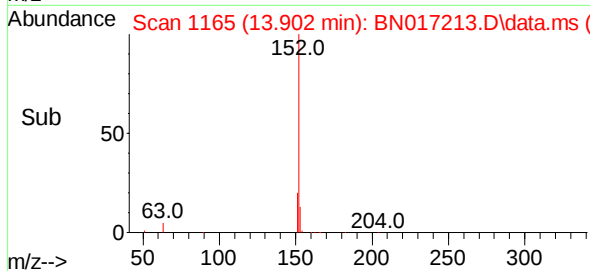
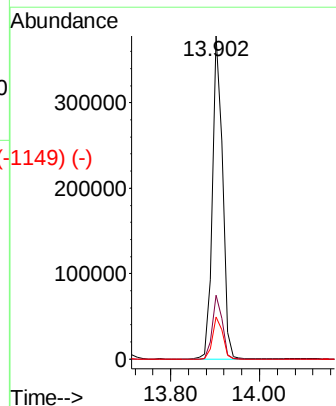
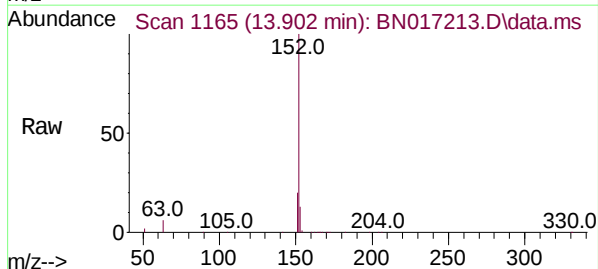


Abundance Scan 1165 (13.902 min): BN017211.D\data.ms (-1149) (-)

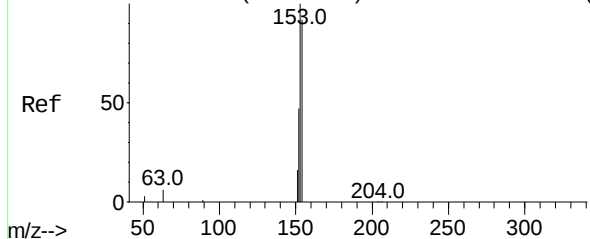


Acenaphthylene
Concen: 1.846 ng
RT: 13.902 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN017213.D
Acq: 01 Nov 2021 15:00

Tgt Ion:	152	Resp:	588283
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.5	15.7



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



Acenaphthene

Concen: 1.672 ng

RT: 14.257 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

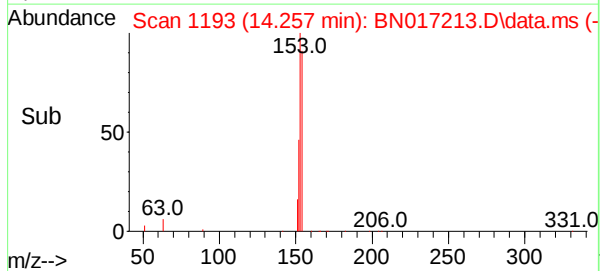
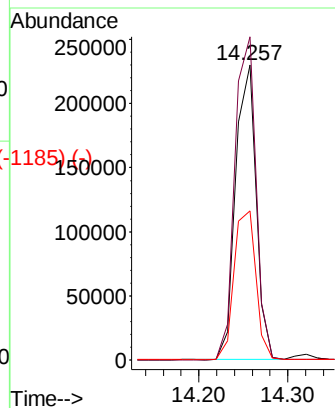
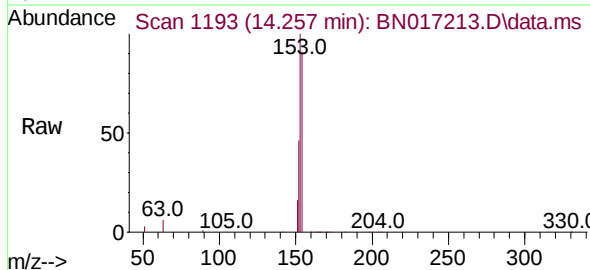
Tgt Ion:154 Resp: 367577

Ion Ratio Lower Upper

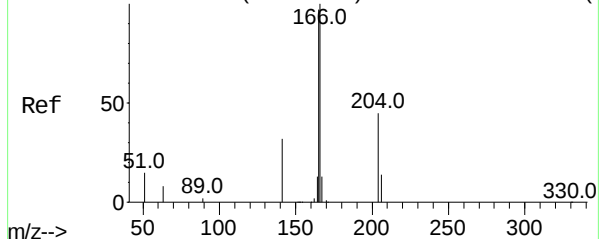
154 100

153 113.1 90.5 135.7

152 54.2 44.1 66.1



Abundance Scan 1271 (15.247 min): BN017211.D\data.ms (-1266) (-)



Fluorene

Concen: 1.709 ng

RT: 15.247 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

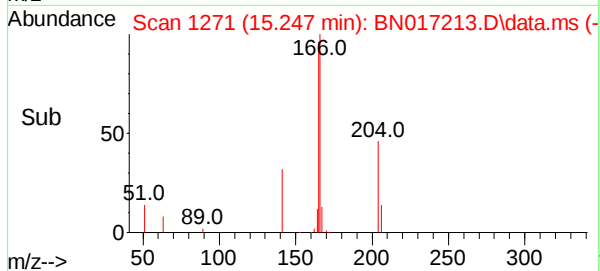
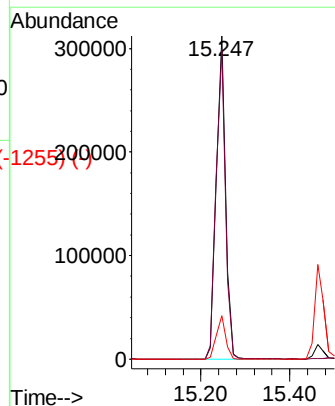
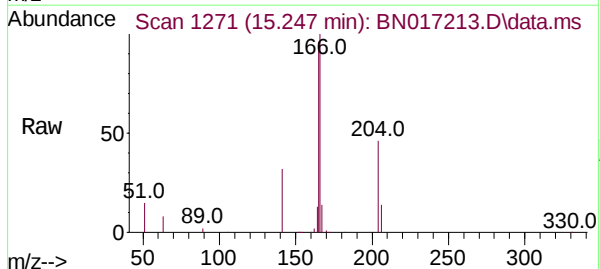
Tgt Ion:166 Resp: 445190

Ion Ratio Lower Upper

166 100

165 97.3 78.5 117.7

167 13.4 10.7 16.1



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: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:188 Resp: 143607

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.0 5.1 7.7

Abundance Scan 1408 (16.946 min): BN017213.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): BN017213.D\data.ms (-1392) (-)

Sub 50

80.0 142.0 188.0

m/z-->

Abundance

80000

60000

40000

20000

0

Time--> 16.80 17.00

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

4,6-Dinitro-2-methylphenol

Concen: 1.891 ng

RT: 15.336 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:198 Resp: 29839

Ion Ratio Lower Upper

198 100

182 10.7 12.6 19.0#

77 0.0 0.0 0.0

Abundance Scan 1278 (15.336 min): BN017213.D\data.ms

Ref 50

51.0 105.0 152.0 198.0 330.0

m/z-->

Raw 50

51.0 105.0 152.0 198.0 330.0

m/z-->

Abundance Scan 1278 (15.336 min): BN017213.D\data.ms (-1270) (-)

Sub 50

51.0 105.0 152.0 198.0 331.0

m/z-->

Abundance

60000

40000

20000

0

Time--> 15.20 15.40

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

4-Bromophenyl-phenylether

Concen: 1.750 ng

RT: 16.143 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BN017213.D

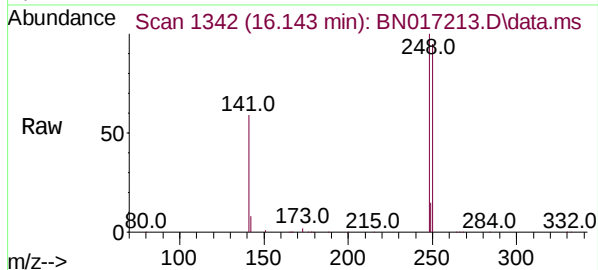
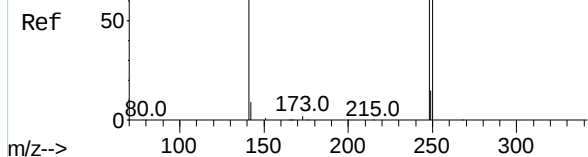
Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



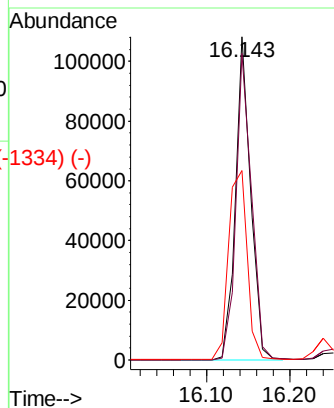
Tgt Ion:248 Resp: 138336

Ion Ratio Lower Upper

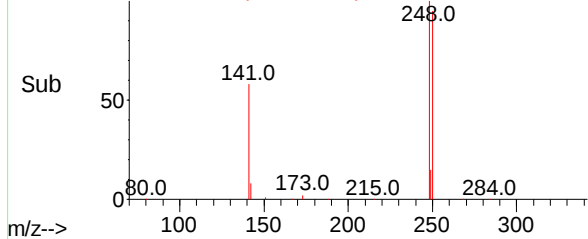
248 100

250 94.8 74.7 112.1

141 58.6 51.9 77.9



Abundance Scan 1342 (16.143 min): BN017213.D\data.ms (-1334) (-)



Abundance Scan 1351 (16.252 min): BN017211.D\data.ms (-1342) (-)

Hexachlorobenzene

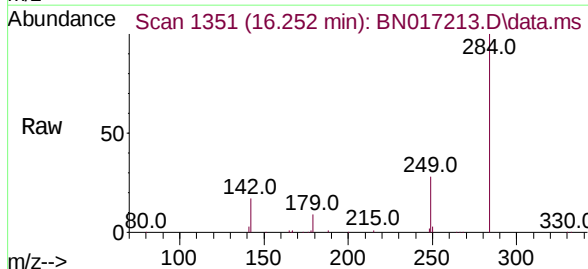
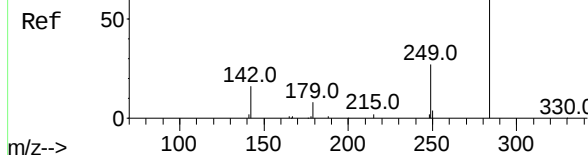
Concen: 1.687 ng

RT: 16.252 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00



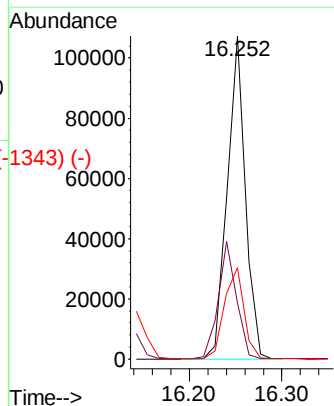
Tgt Ion:284 Resp: 145395

Ion Ratio Lower Upper

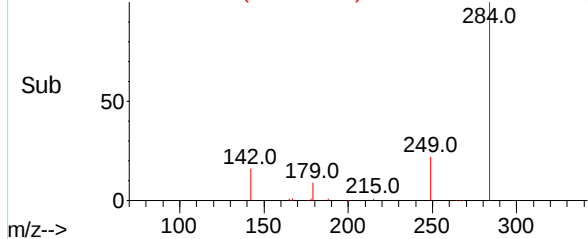
284 100

142 36.3 29.5 44.3

249 30.8 24.7 37.1



Abundance Scan 1351 (16.252 min): BN017213.D\data.ms (-1343) (-)



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

Atrazine

Concen: 1.949 ng

RT: 16.423 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BN017213.D

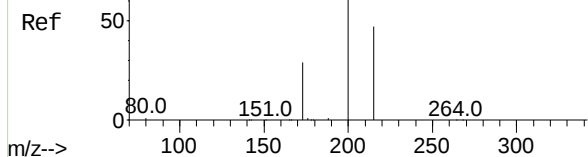
Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



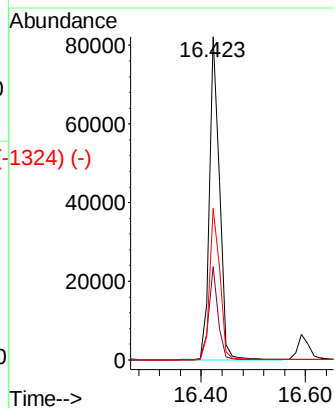
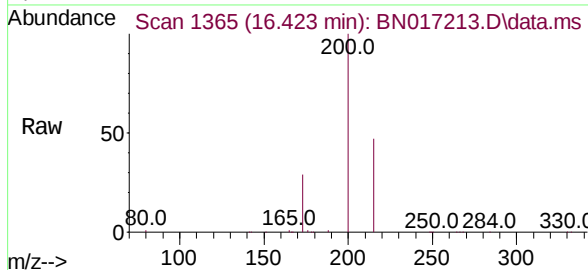
Tgt Ion:200 Resp: 108455

Ion Ratio Lower Upper

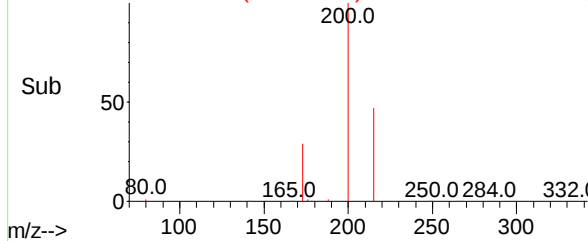
200 100

173 29.0 23.3 34.9

215 46.9 37.5 56.3



Abundance Scan 1365 (16.423 min): BN017213.D\data.ms (-1324) (-)



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

Pentachlorophenol

Concen: 1.672 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.012 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

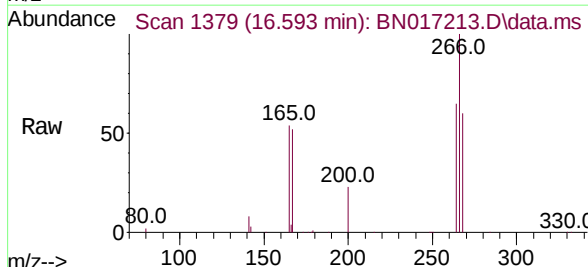
Tgt Ion:266 Resp: 52846

Ion Ratio Lower Upper

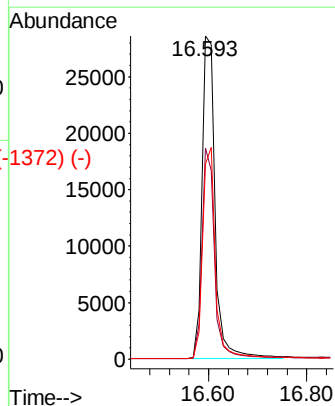
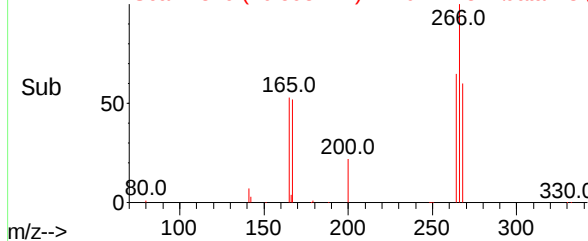
266 100

264 62.7 49.8 74.6

268 63.9 51.2 76.8



Abundance Scan 1379 (16.593 min): BN017213.D\data.ms (-1372) (-)



Abundance Scan 1411 (16.982 min): BN017211.D\data.ms (-1425) (-)

Phenanthrene

Concen: 1.670 ng

RT: 16.982 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:178 Resp: 671393

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.4 12.3 18.5

Abundance Scan 1411 (16.982 min): BN017213.D\data.ms

178.0

80.0 141.0 215.0 264.0 330.0

m/z-->

Ref

50

0

100 150 200 250 300

248.0 284.0

m/z-->

Abundance Scan 1411 (16.982 min): BN017213.D\data.ms (-1386) (-)

178.0

80.0 141.0 248.0

m/z-->

Sub

50

0

100 150 200 250 300

m/z-->

Abundance

16.982

400000

300000

200000

100000

0

16.90 17.00

Time-->

Abundance Scan 1419 (17.080 min): BN017211.D\data.ms (-1425) (-)

Anthracene

Concen: 1.826 ng

RT: 17.068 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:178 Resp: 614713

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.3 12.3 18.5

Abundance Scan 1418 (17.068 min): BN017213.D\data.ms

178.0

80.0 141.0 215.0 264.0 330.0

m/z-->

Ref

50

0

100 150 200 250 300

141.0 284.0

m/z-->

Abundance Scan 1418 (17.068 min): BN017213.D\data.ms (-1411) (-)

141.0

80.0 141.0 284.0

m/z-->

Sub

50

0

100 150 200 250 300

m/z-->

Abundance

17.068

400000

300000

200000

100000

0

17.00 17.20

Time-->

Abundance Scan 1691 (18.985 min): BN017211.D\data.ms (-1627) (-)

Fluoranthene-d10

Concen: 1.566 ng

RT: 18.985 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:212 Resp: 631755

Ion Ratio Lower Upper

212 100

106 13.1 10.6 15.8

104 7.2 5.8 8.6

Abundance Scan 1691 (18.985 min): BN017213.D\data.ms

Ref 50

106.0

212.0

244.0

m/z-->

Raw 50

106.0

212.0

244.0

m/z-->

Abundance Scan 1691 (18.985 min): BN017213.D\data.ms (-16713) (-)

Sub 50

106.0

212.0

244.0

m/z-->

Abundance

18.985

400000

300000

200000

100000

0

Time-->

19.00

19.20

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

Fluoranthene

Concen: 1.719 ng

RT: 19.015 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:202 Resp: 749655

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

203 17.5 13.8 20.6

Abundance Scan 1697 (19.015 min): BN017213.D\data.ms

Ref 50

101.0

122.0

202.0

244.0

m/z-->

Raw 50

101.0

122.0

202.0

244.0

m/z-->

Abundance Scan 1697 (19.015 min): BN017213.D\data.ms (-1657) (-)

Sub 50

101.0

122.0

202.0

244.0

m/z-->

Abundance

19.015

500000

400000

300000

200000

100000

0

Time-->

19.00

19.20

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: BN017213.D

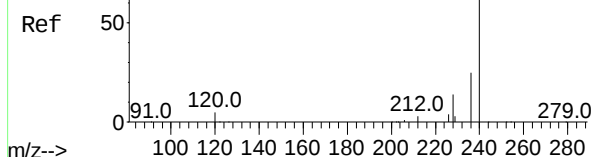
Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



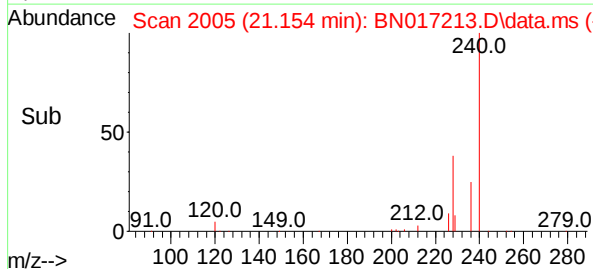
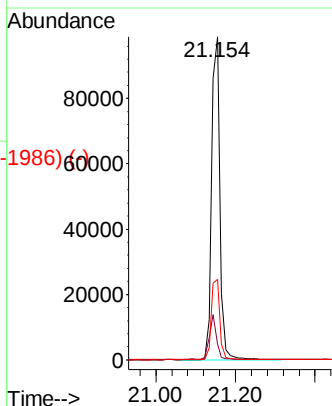
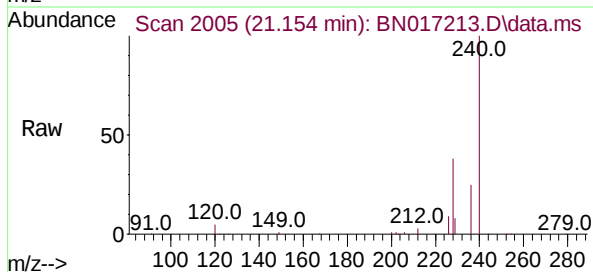
Tgt Ion:240 Resp: 143726

Ion Ratio Lower Upper

240 100

120 4.9 4.2 6.4

236 24.9 20.2 30.2



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

Pyrene

Concen: 1.689 ng

RT: 19.377 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

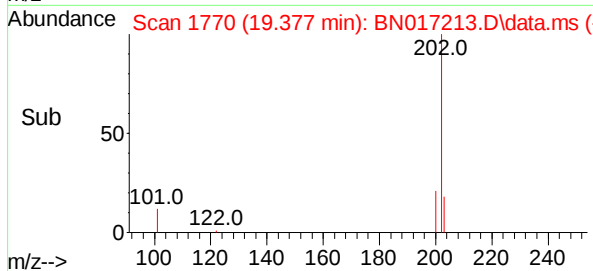
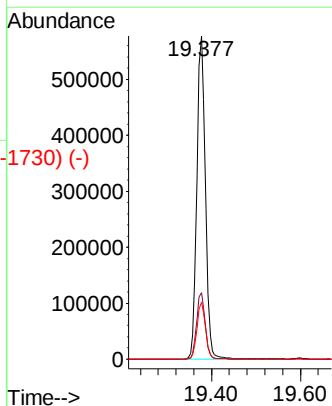
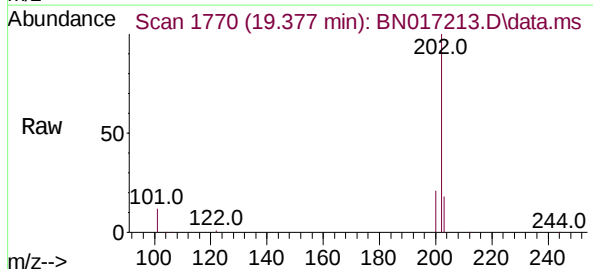
Tgt Ion:202 Resp: 763957

Ion Ratio Lower Upper

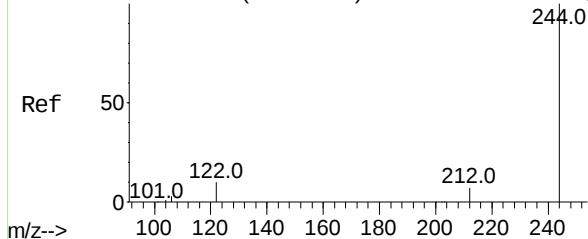
202 100

200 20.7 16.5 24.7

203 17.5 13.9 20.9



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



Terphenyl-d14

Concen: 1.689 ng

RT: 19.595 min Scan# 1814

Delta R.T. -0.005 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

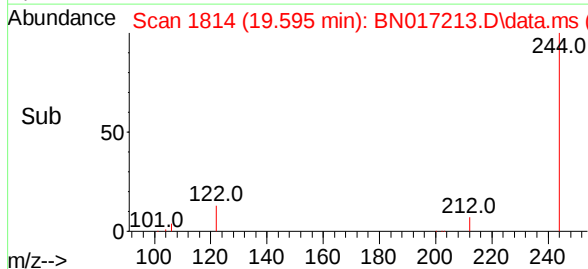
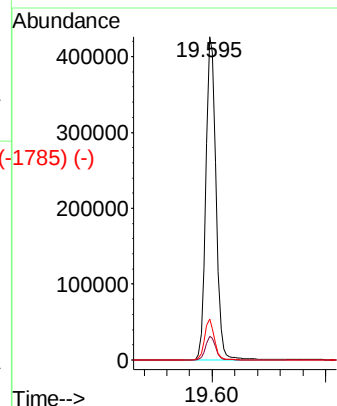
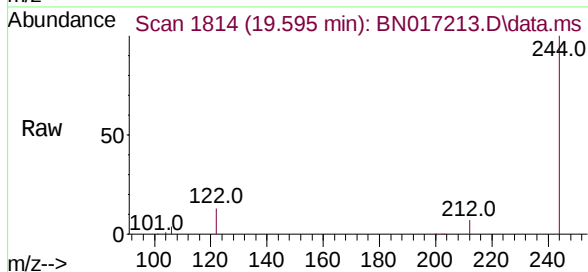
Tgt Ion:244 Resp: 521471

Ion Ratio Lower Upper

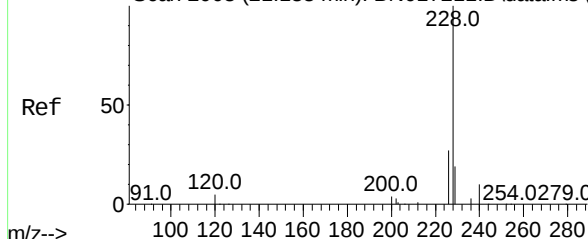
244 100

212 7.3 5.7 8.5

122 12.6 8.3 12.5#



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



Benzo(a)anthracene

Concen: 1.815 ng

RT: 21.133 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

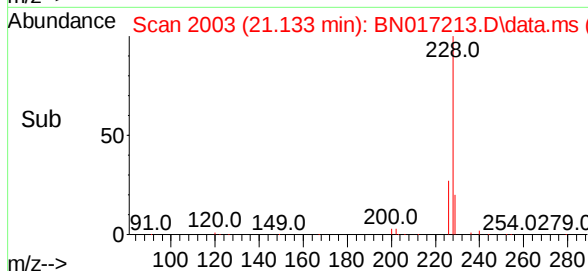
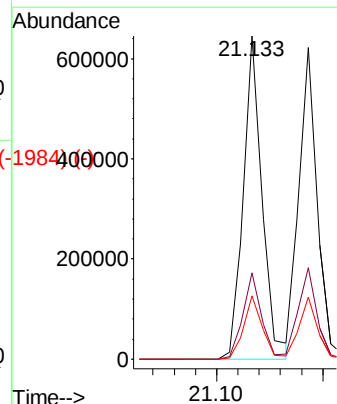
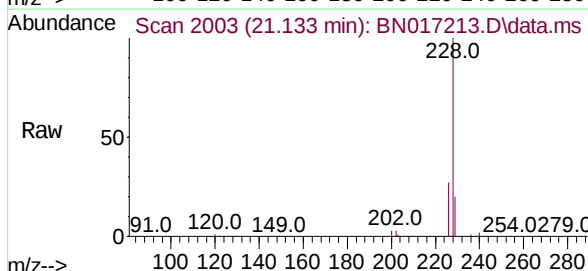
Tgt Ion:228 Resp: 788458

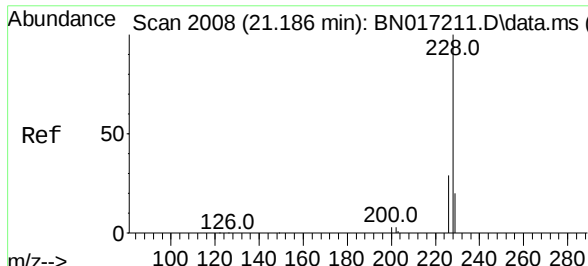
Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.6 15.5 23.3

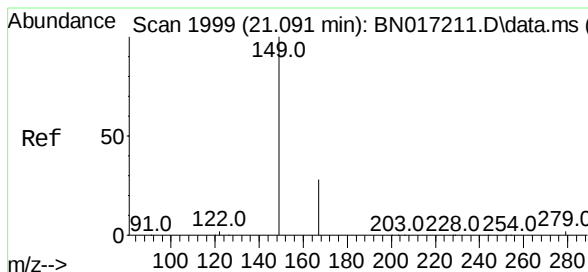
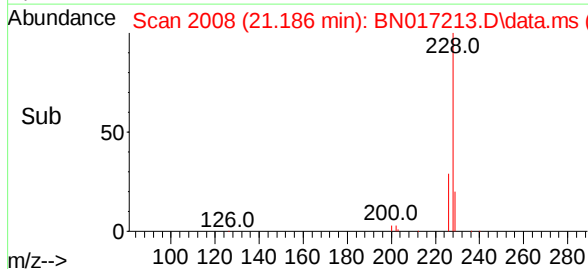
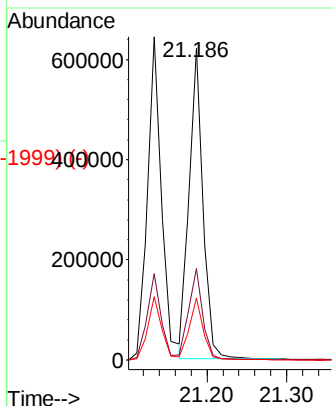
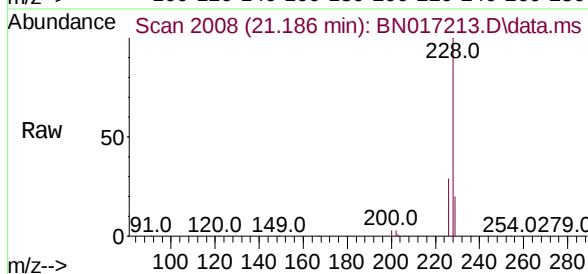




Scan 2008 (21.186 min): BN017211.D\data.ms (-1999) (-)
 Chrysene
 Concen: 1.628 ng
 RT: 21.186 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

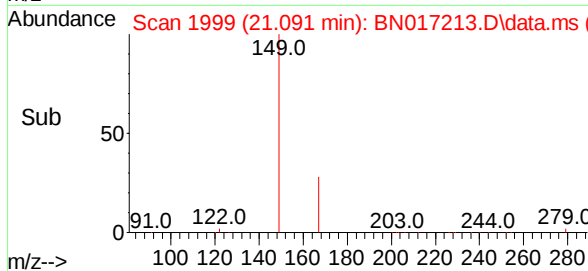
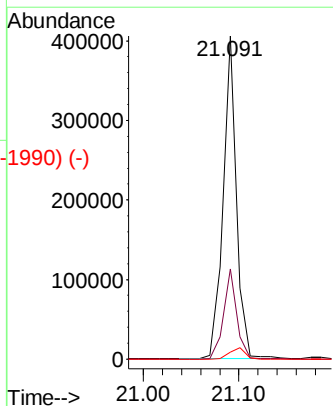
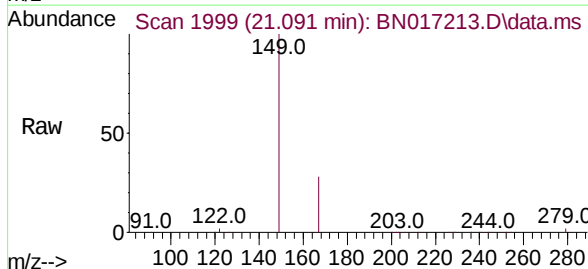
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tgt Ion:	228	Resp:	743755
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.8	15.6	23.4



Scan 1999 (21.091 min): BN017211.D\data.ms (-1999) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 2.167 ng
 RT: 21.091 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN017213.D
 Acq: 01 Nov 2021 15:00

Tgt Ion:	149	Resp:	397248
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.1	3.1	4.7



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

Perylene-d12

Concen: 0.400 ng

RT: 23.352 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:264 Resp: 139500

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 23.0 18.8 28.2

Abundance Scan 2399 (23.352 min): BN017213.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2399 (23.352 min): BN017213.D\data.ms (-2355) (-)

Sub 50

264.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.352

60000

40000

20000

0

Time-->

23.20 23.40

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

Indeno(1,2,3-cd)pyrene

Concen: 1.667 ng

RT: 25.567 min Scan# 3046

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:276 Resp: 844772

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.1 20.0 30.0

Abundance Scan 3046 (25.567 min): BN017213.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3046 (25.567 min): BN017213.D\data.ms (-3017) (-)

Sub 50

276.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.567

250000

200000

150000

100000

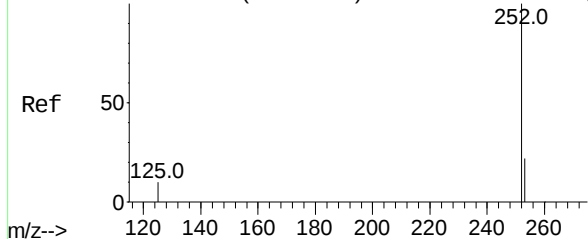
50000

0

Time-->

25.40 25.60

Abundance Scan 2206 (22.692 min): BN017211.D\data.ms (-2148)



Benzo(b)fluoranthene

Concen: 1.801 ng

RT: 22.692 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

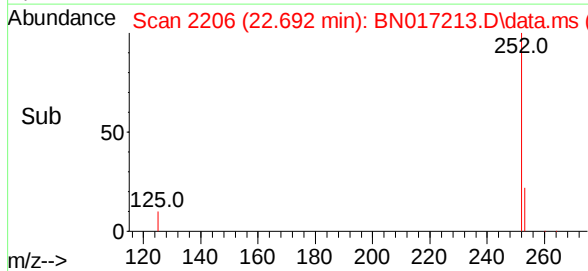
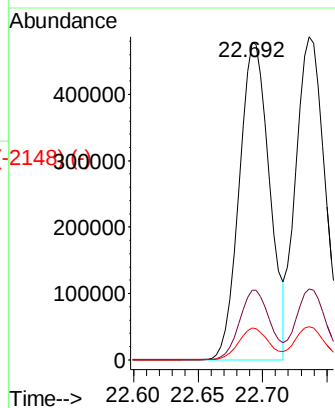
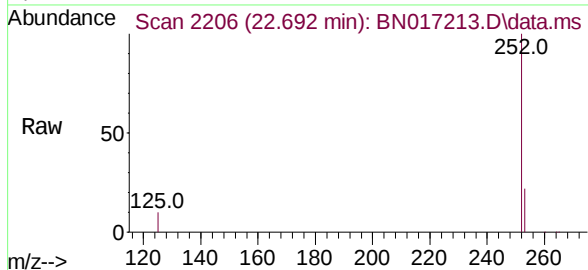
Tgt Ion:252 Resp: 783758

Ion Ratio Lower Upper

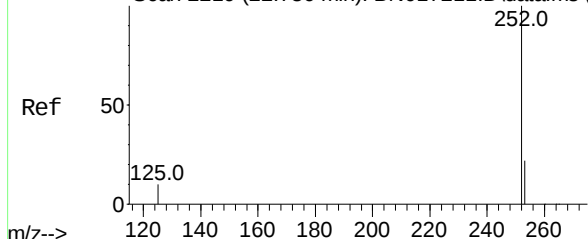
252 100

253 21.9 17.6 26.4

125 10.0 8.2 12.4



Abundance Scan 2219 (22.736 min): BN017211.D\data.ms (-2204)



Benzo(k)fluoranthene

Concen: 1.741 ng

RT: 22.736 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

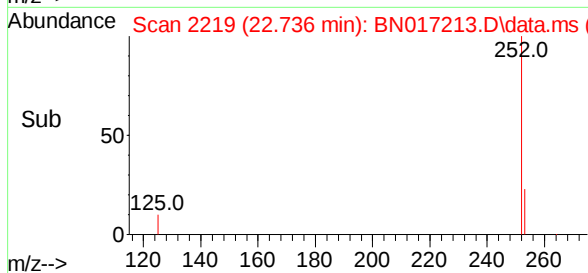
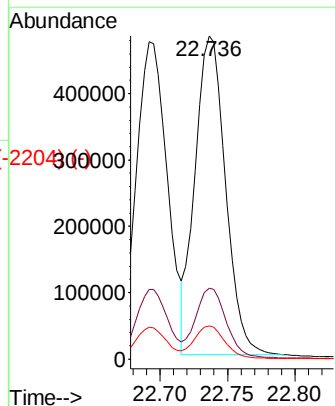
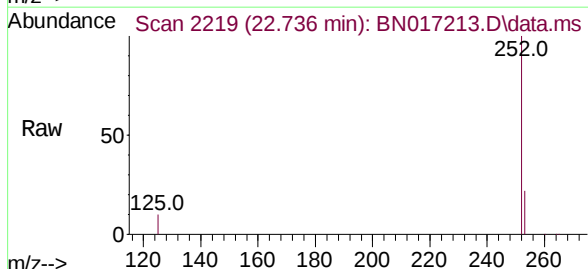
Tgt Ion:252 Resp: 753535

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.3 8.5 12.7



Abundance Scan 2371 (23.256 min): BN017211.D\data.ms (-2339) (-)

Benzo(a)pyrene

Concen: 1.807 ng

RT: 23.253 min Scan# 2371

Delta R.T. -0.003 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:252 Resp: 711216

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.0 9.0 13.6

Abundance Scan 2370 (23.253 min): BN017213.D\data.ms

Ref 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2370 (23.253 min): BN017213.D\data.ms

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2370 (23.253 min): BN017213.D\data.ms (-2313) (-)

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.253

300000

200000

100000

0

Time-->

23.20 23.40

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

Dibenzo(a,h)anthracene

Concen: 1.676 ng

RT: 25.591 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

Tgt Ion:278 Resp: 689078

Ion Ratio Lower Upper

278 100

139 16.2 12.9 19.3

279 23.6 19.0 28.4

Abundance Scan 3053 (25.591 min): BN017213.D\data.ms

Ref 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3053 (25.591 min): BN017213.D\data.ms

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3053 (25.591 min): BN017213.D\data.ms (-3024) (-)

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.591

200000

150000

100000

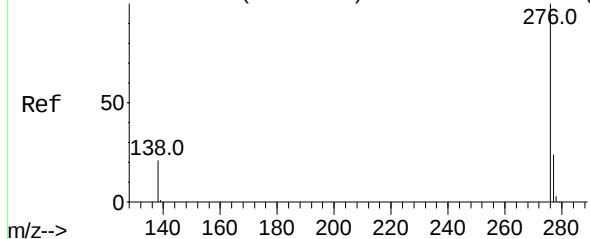
50000

0

Time-->

25.60

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



Benzo(g,h,i)perylene

Concen: 1.658 ng

RT: 26.245 min Scan# 3244

Delta R.T. 0.003 min

Lab File: BN017213.D

Acq: 01 Nov 2021 15:00

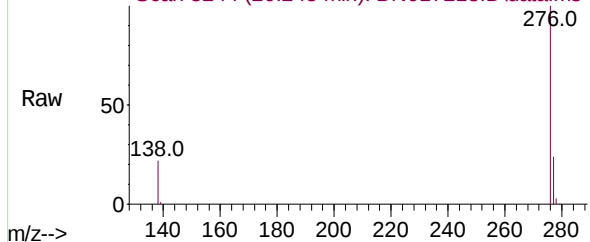
Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Abundance Scan 3244 (26.245 min): BN017213.D\data.ms



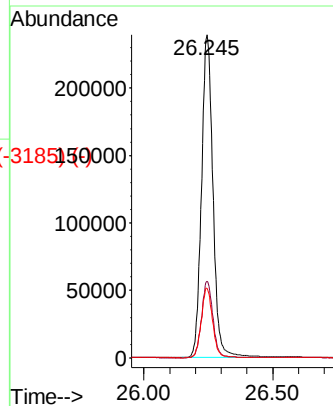
Tgt Ion:276 Resp: 735218

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.6 17.2 25.8



Abundance Scan 3244 (26.245 min): BN017213.D\data.ms (-3185) (-)

