

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017343.D
 Acq On : 09 Nov 2021 11:03
 Operator : CG/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Quant Time: Nov 09 11:40:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 11:35:28 2021
 Response via : Initial Calibration

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

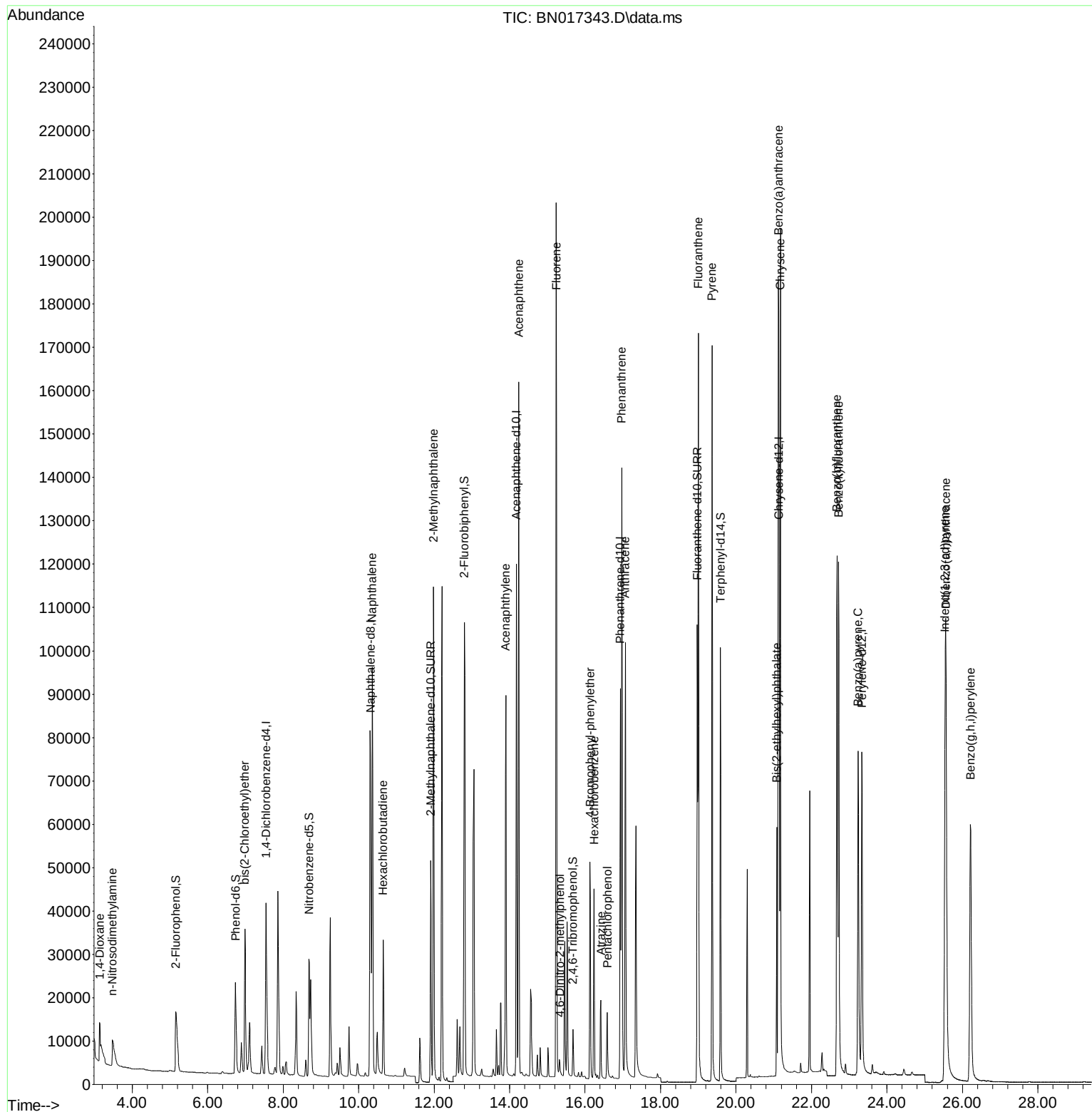
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	25684	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	118374	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	63596	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	118254	0.400	ng	0.00
29) Chrysene-d12	21.144	240	116097	0.400	ng	0.00
35) Perylene-d12	23.335	264	101598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	23842	0.383	ng	0.00
5) Phenol-d6	6.740	99	26051	0.384	ng	0.00
8) Nitrobenzene-d5	8.684	82	27004	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	70958	0.425	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	8218	0.372	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	103095	0.432	ng	0.00
27) Fluoranthene-d10	18.975	212	125191	0.416	ng	0.00
31) Terphenyl-d14	19.590	244	109157	0.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.144	88	5885	0.322	ng	92
3) n-Nitrosodimethylamine	3.476	42	8905	0.368	ng	99
6) bis(2-Chloroethyl)ether	6.989	93	28867	0.413	ng	100
9) Naphthalene	10.357	128	129197	0.405	ng	100
10) Hexachlorobutadiene	10.649	225	25047	0.431	ng	# 100
12) 2-Methylnaphthalene	11.986	142	84948	0.433	ng	100
16) Acenaphthylene	13.902	152	105255	0.403	ng	100
17) Acenaphthene	14.245	154	74333	0.425	ng	100
18) Fluorene	15.234	166	89337	0.431	ng	100
20) 4,6-Dinitro-2-methylph...	15.336	198	3189	0.256	ng	100
21) 4-Bromophenyl-phenylether	16.131	248	27508	0.415	ng	100
22) Hexachlorobenzene	16.240	284	31584	0.444	ng	100
23) Atrazine	16.423	200	16904	0.376	ng	100
24) Pentachlorophenol	16.593	266	8463	0.378	ng	100
25) Phenanthrene	16.970	178	144133	0.435	ng	100
26) Anthracene	17.068	178	113380	0.397	ng	100
28) Fluoranthene	19.005	202	157157	0.433	ng	100
30) Pyrene	19.367	202	154061	0.415	ng	100
32) Benzo(a)anthracene	21.123	228	140446	0.389	ng	100
33) Chrysene	21.176	228	155124	0.422	ng	100
34) Bis(2-ethylhexyl)phtha...	21.080	149	46521	0.268	ng	100
36) Indeno(1,2,3-cd)pyrene	25.543	276	145712	0.407	ng	100
37) Benzo(b)fluoranthene	22.678	252	148529	0.455	ng	100
38) Benzo(k)fluoranthene	22.719	252	141892	0.437	ng	100
39) Benzo(a)pyrene	23.236	252	121658	0.412	ng	100
40) Dibenzo(a,h)anthracene	25.564	278	117395	0.406	ng	100
41) Benzo(g,h,i)perylene	26.214	276	130419	0.415	ng	100

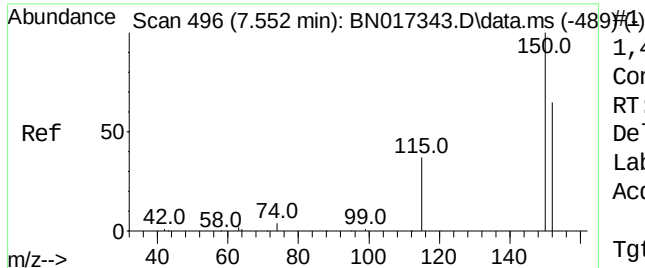
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
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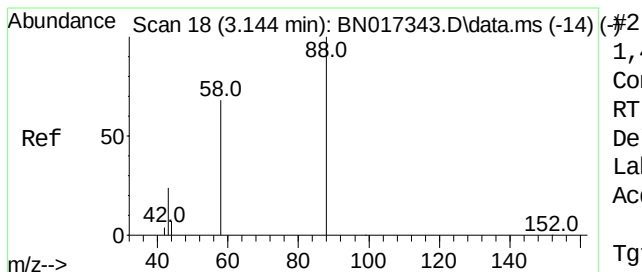
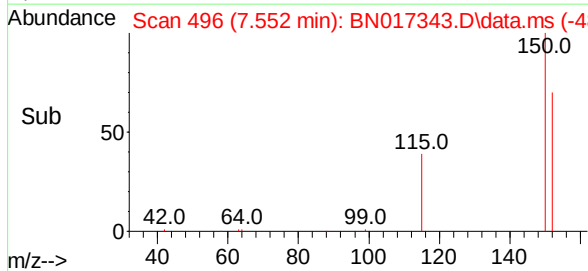
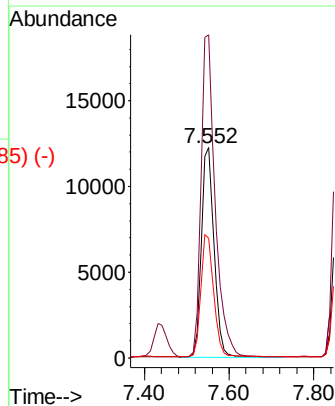
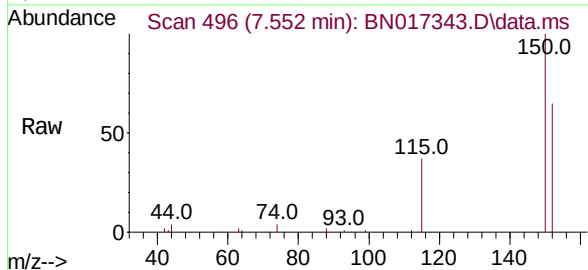




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

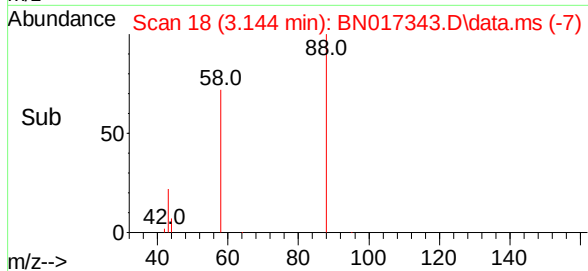
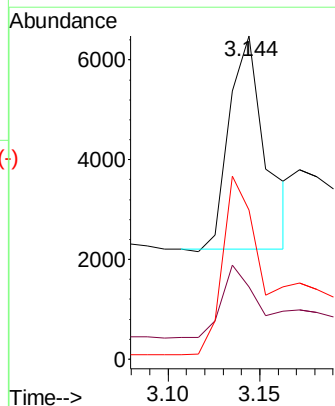
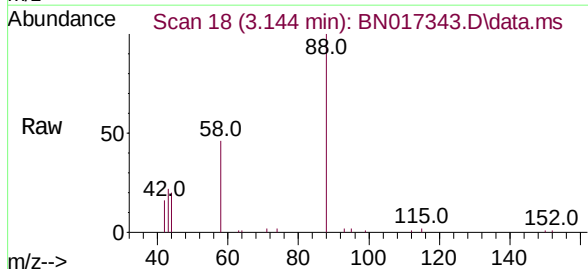
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

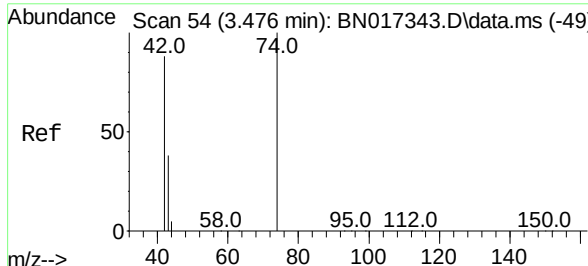
Tgt Ion:152 Resp: 25684
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.0 184.4
 115 57.0 45.6 68.4



1,4-Dioxane
 Concen: 0.322 ng
 RT: 3.144 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

Tgt Ion: 88 Resp: 5885
 Ion Ratio Lower Upper
 88 100
 43 30.9 22.3 33.5
 58 78.8 56.9 85.3

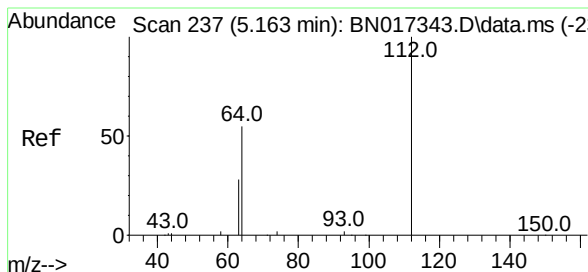
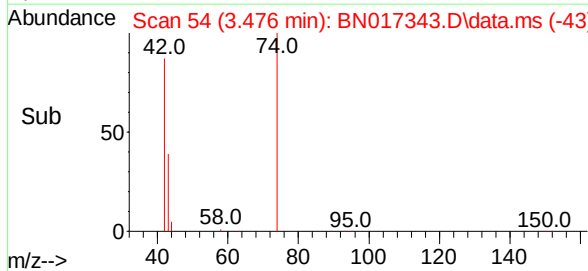
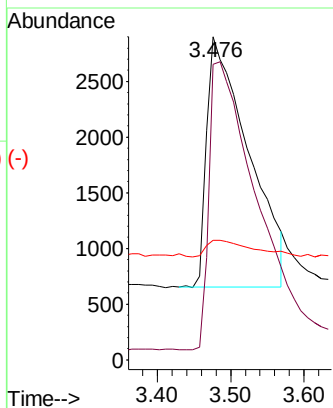
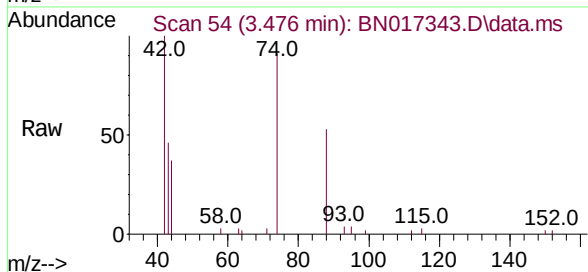




n-Nitrosodimethylamine
 Concen: 0.368 ng
 RT: 3.476 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

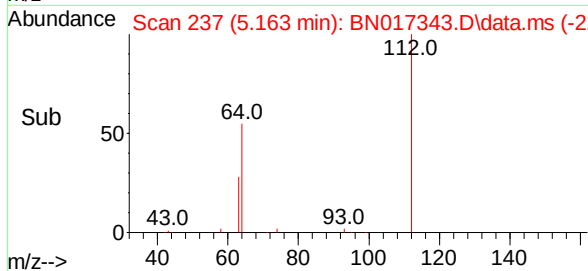
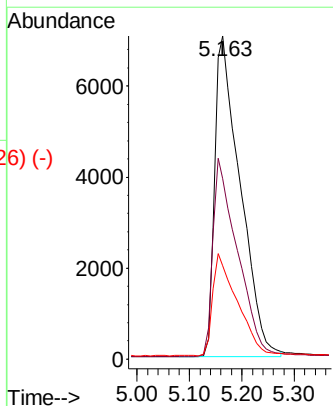
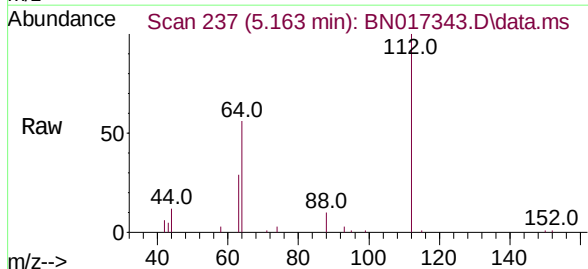
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

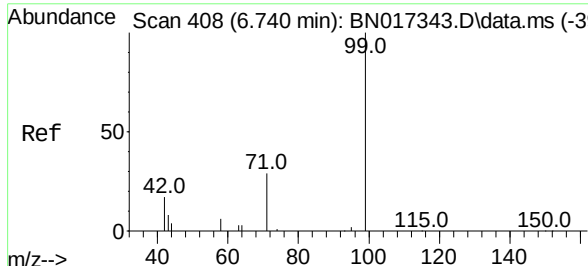
Tgt Ion:	42	Resp:	8905
Ion	Ratio	Lower	Upper
42	100		
74	122.2	98.5	147.7
44	6.9	5.8	8.8



2-Fluorophenol
 Concen: 0.383 ng
 RT: 5.163 min Scan# 237
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

Tgt Ion:	112	Resp:	23842
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.8	24.6	37.0

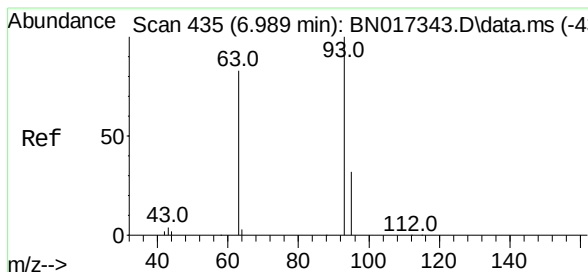
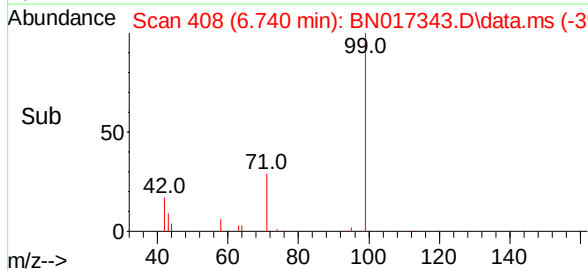
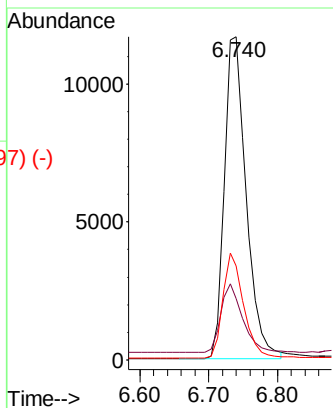
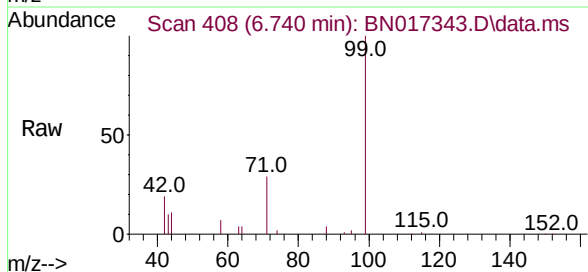




Phenol-d6
 Concen: 0.384 ng
 RT: 6.740 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

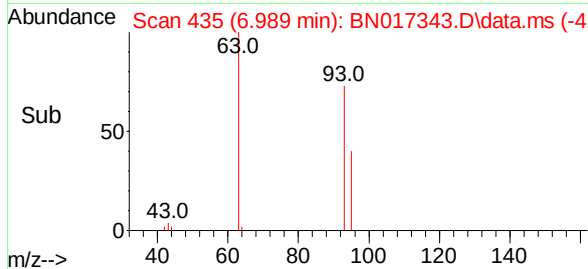
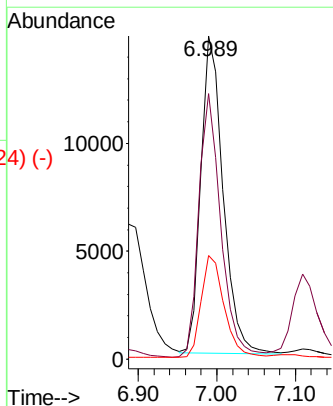
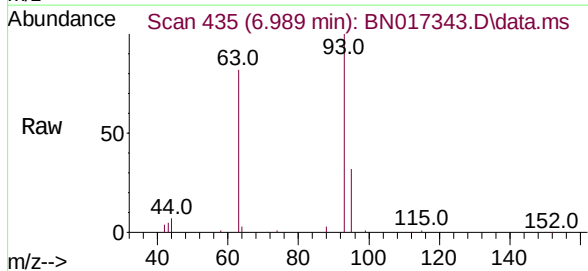
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Tgt Ion: 99 Resp: 26051
 Ion Ratio Lower Upper
 99 100
 42 21.3 17.0 25.6
 71 31.0 24.8 37.2

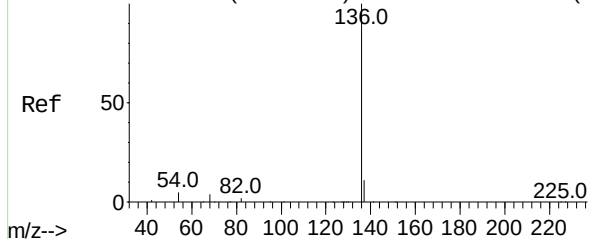


bis(2-Chloroethyl)ether
 Concen: 0.413 ng
 RT: 6.989 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

Tgt Ion: 93 Resp: 28867
 Ion Ratio Lower Upper
 93 100
 63 82.2 65.7 98.5
 95 33.2 26.6 39.8



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-737) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 118374

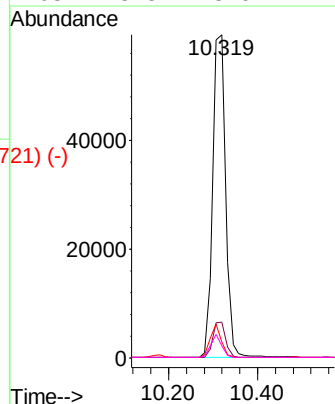
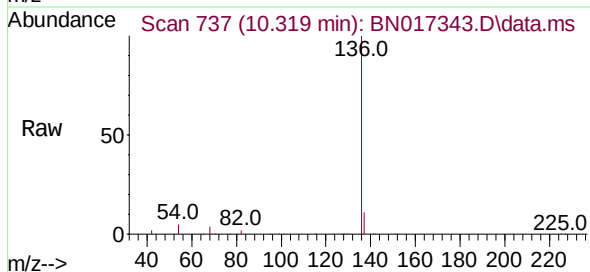
Ion Ratio Lower Upper

136 100

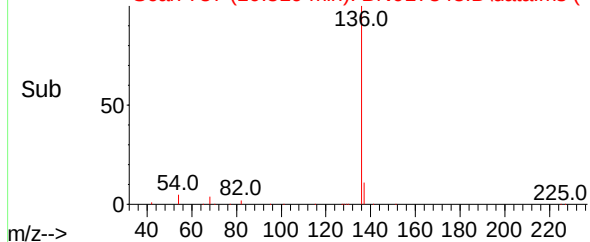
137 11.0 8.8 13.2

54 5.0 4.0 6.0

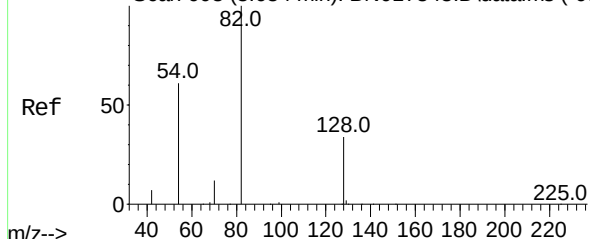
68 3.8 3.0 4.6



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-721) (-)



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-605) (-)



Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.684 min Scan# 608

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

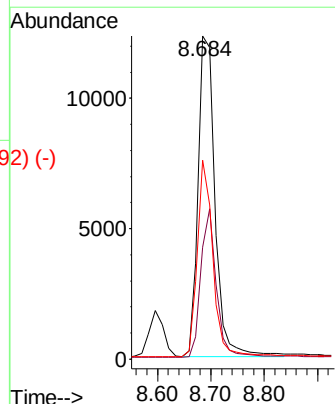
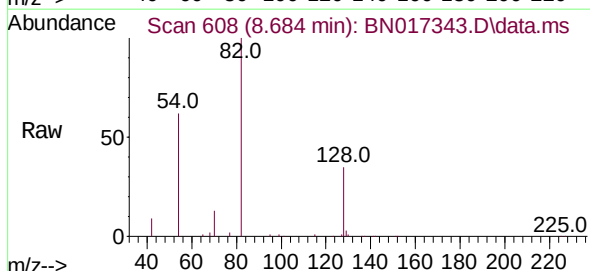
Tgt Ion: 82 Resp: 27004

Ion Ratio Lower Upper

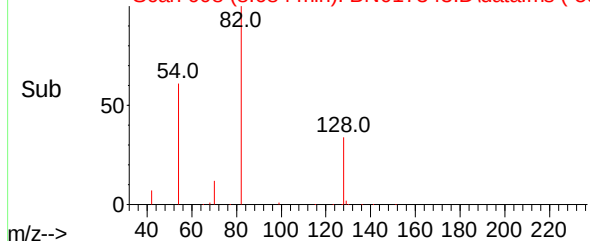
82 100

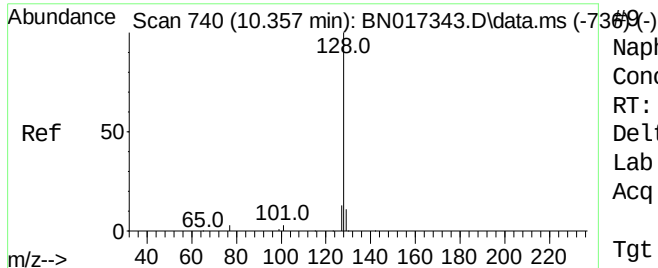
128 34.6 27.7 41.5

54 61.5 49.2 73.8



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-592) (-)





Naphthalene

Concen: 0.405 ng

RT: 10.357 min Scan#

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

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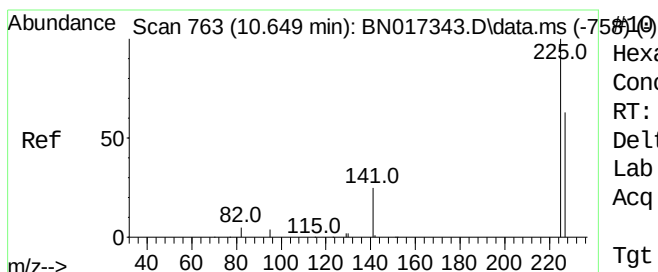
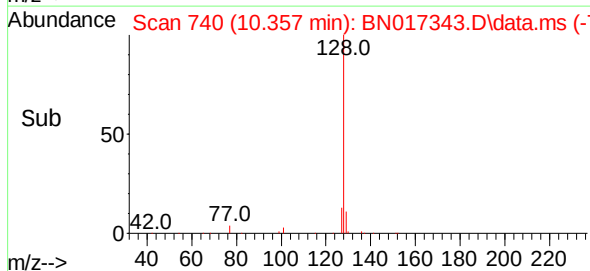
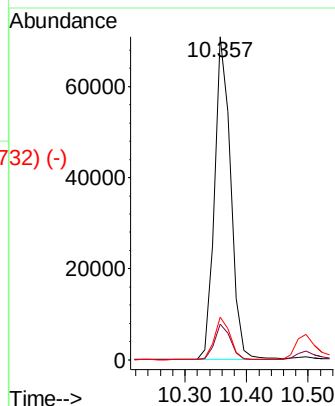
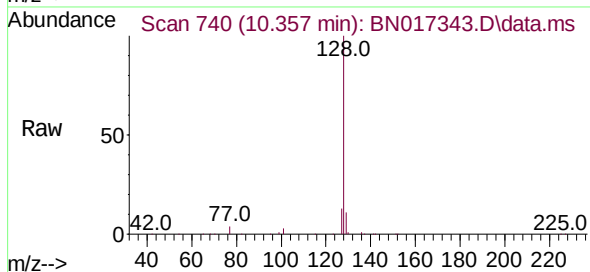
Tgt Ion:128 Resp: 129197

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.6 15.8



Hexachlorobutadiene

Concen: 0.431 ng

RT: 10.649 min Scan# 763

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

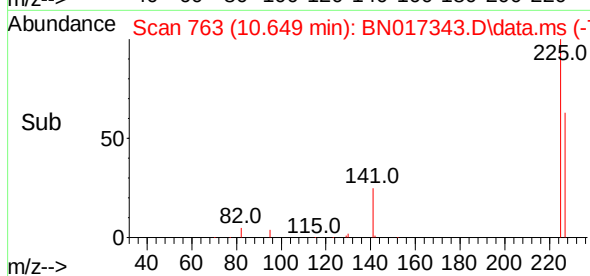
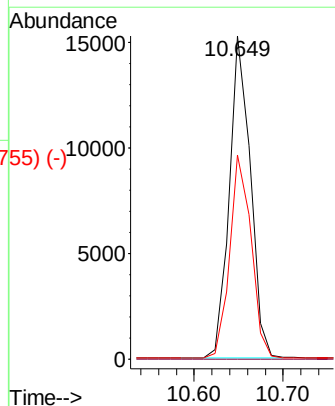
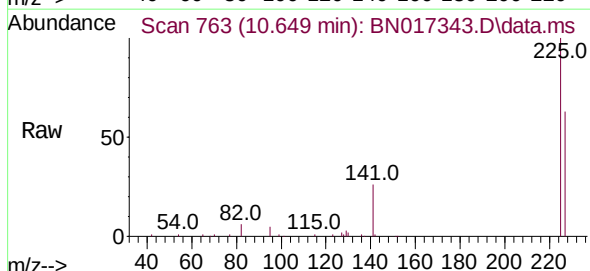
Tgt Ion:225 Resp: 25047

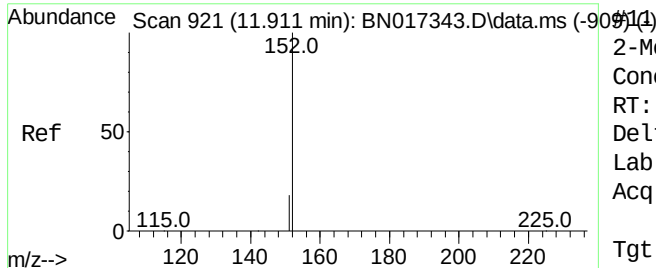
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.9 51.1 76.7

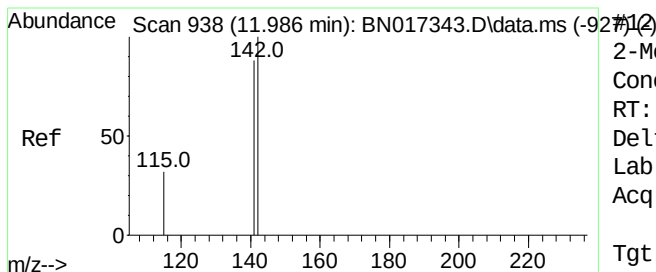
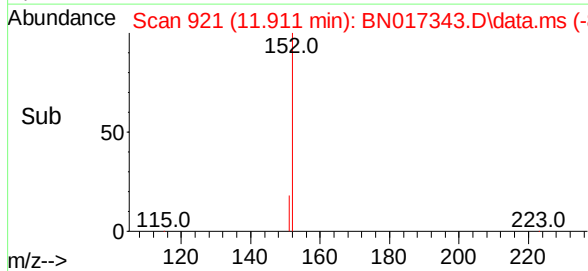
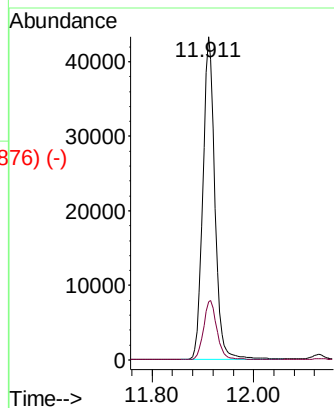
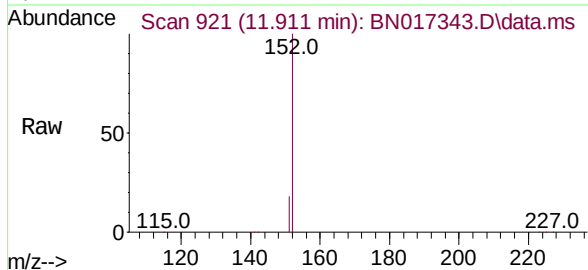




2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 11.911 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

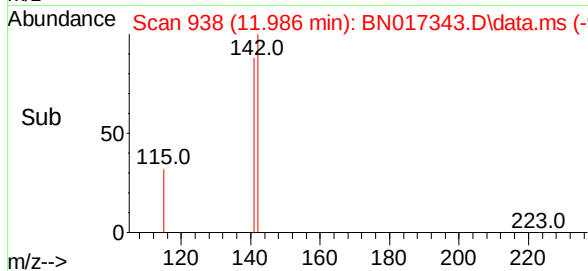
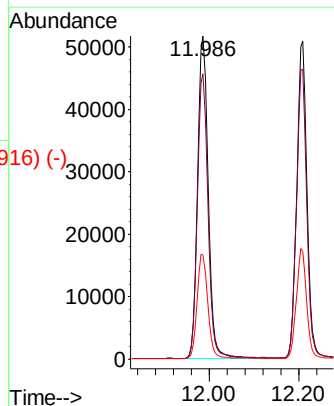
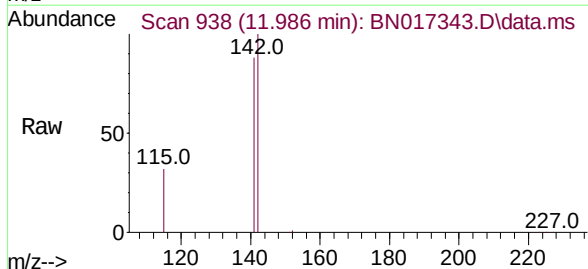
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BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 70958
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



2-Methylnaphthalene
Concen: 0.433 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:142 Resp: 84948
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 32.2 25.8 38.6



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1171) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017343.D

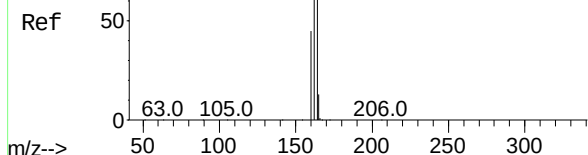
Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



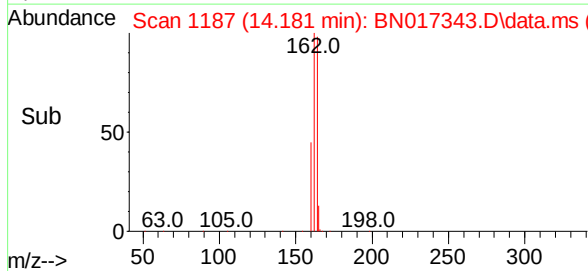
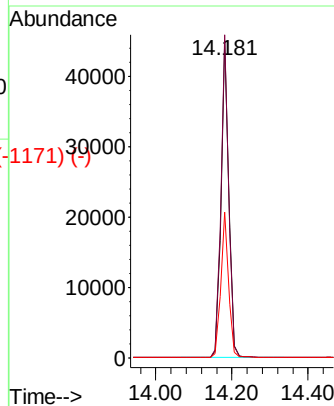
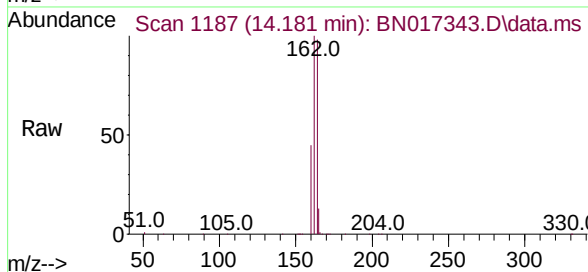
Tgt Ion:164 Resp: 63596

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.2

160 46.0 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1297) (-)

2,4,6-Tribromophenol

Concen: 0.372 ng

RT: 15.678 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

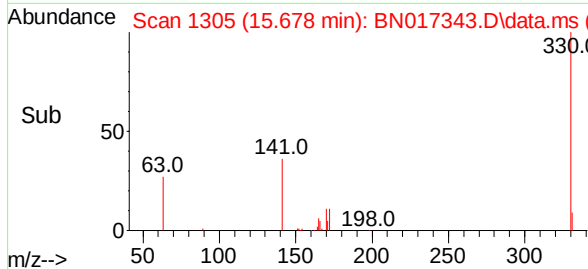
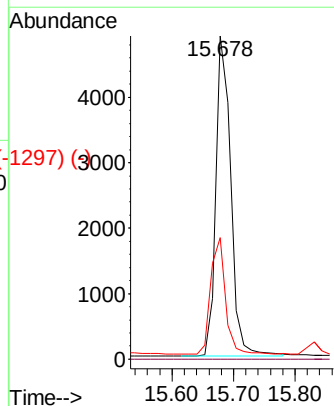
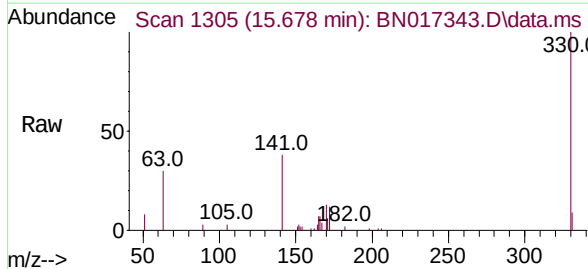
Tgt Ion:330 Resp: 8218

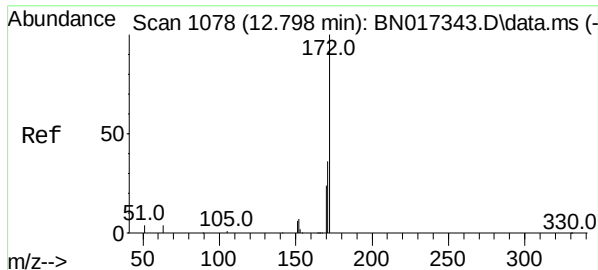
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.1 28.9 43.3

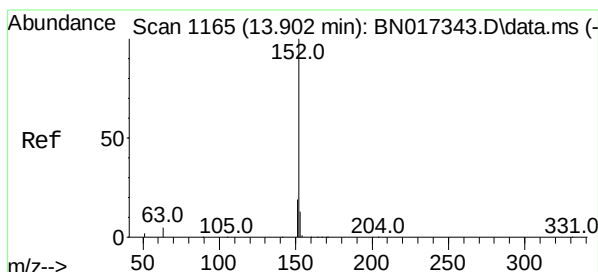
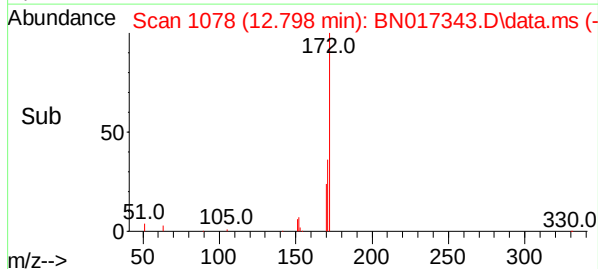
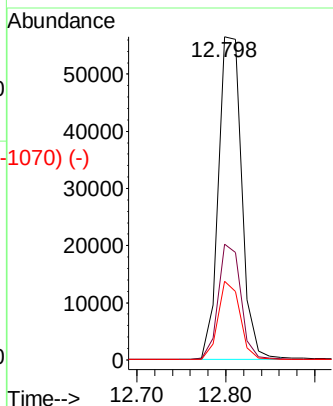
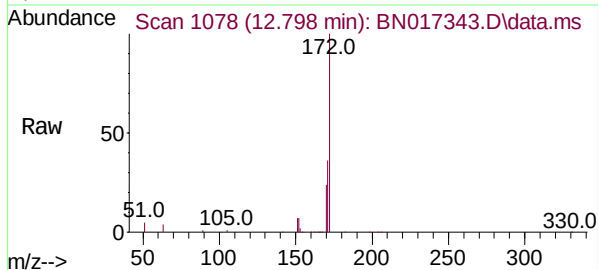




2-Fluorobiphenyl
 Concen: 0.432 ng
 RT: 12.798 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

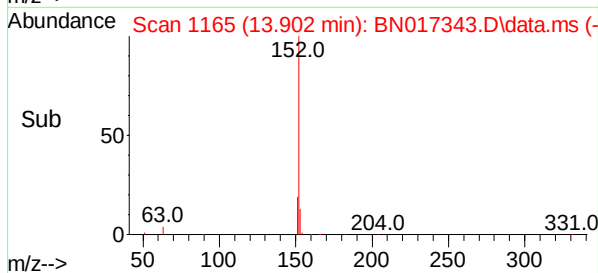
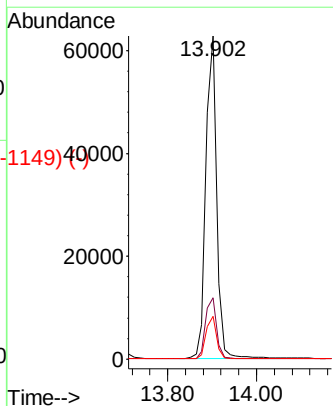
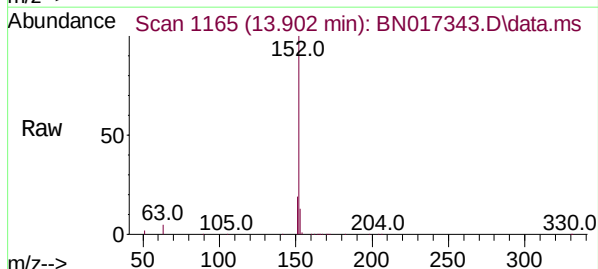
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Tgt Ion:	172	Resp:	103095
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.3	19.4	29.2



Acenaphthylene
 Concen: 0.403 ng
 RT: 13.902 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BN017343.D
 Acq: 09 Nov 2021 11:03

Tgt Ion:	152	Resp:	105255
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



Abundance Scan 1192 (14.245 min): BN017343.D\data.ms (-1184) (-)

Acenaphthene

Concen: 0.425 ng

RT: 14.245 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:154 Resp: 74333

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

152 55.4 44.3 66.5

Abundance Scan 1192 (14.245 min): BN017343.D\data.ms

Ref 50

63.0 153.0 330.0

m/z-->

Raw 50

63.0 105.0 153.0 204.0 330.0

m/z-->

Abundance Scan 1192 (14.245 min): BN017343.D\data.ms (-1184) (-)

Sub 50

63.0 105.0 153.0 330.0

m/z-->

Abundance

60000

14.245

40000

20000

0

Time-->

14.20 14.30

Abundance Scan 1270 (15.234 min): BN017343.D\data.ms (-1254) (-)

Fluorene

Concen: 0.431 ng

RT: 15.234 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:166 Resp: 89337

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

167 13.6 10.9 16.3

Abundance Scan 1270 (15.234 min): BN017343.D\data.ms

Ref 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Raw 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Abundance Scan 1270 (15.234 min): BN017343.D\data.ms (-1254) (-)

Sub 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Abundance

60000

15.234

40000

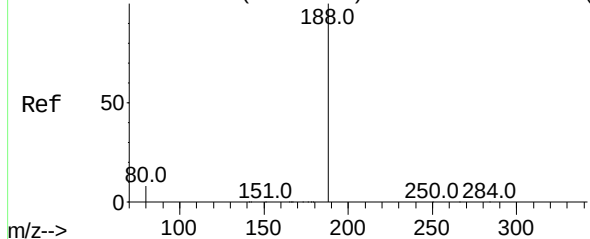
20000

0

Time-->

15.20 15.40

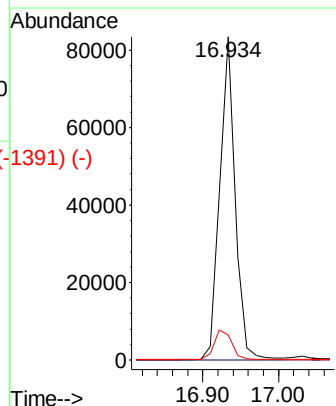
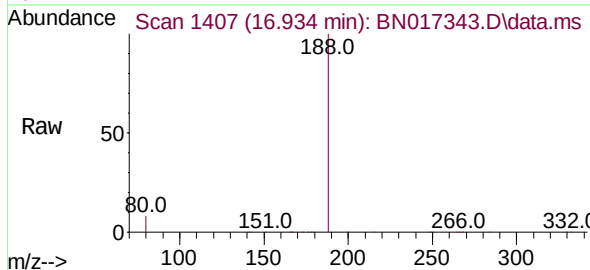
Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



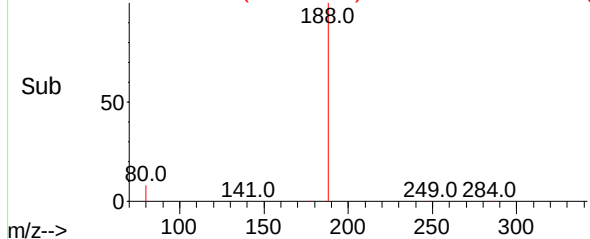
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

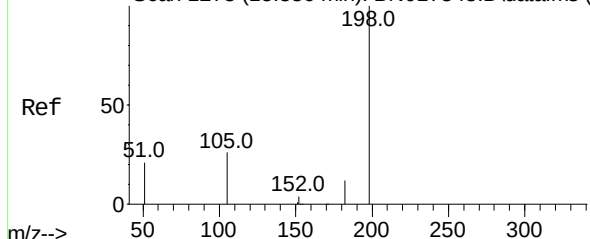
Tgt Ion:	188	Resp:	118254
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.1	9.1



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1391) (-)

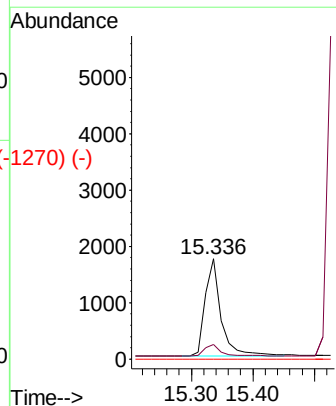
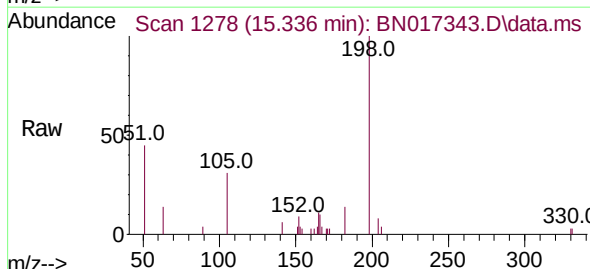


Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)

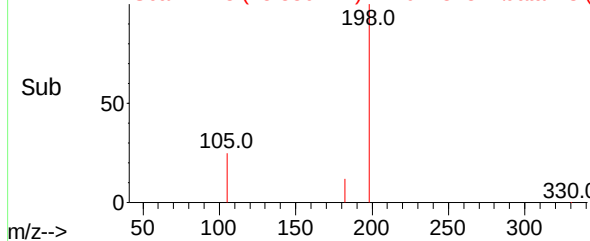


4,6-Dinitro-2-methylphenol
Concen: 0.256 ng
RT: 15.336 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:	198	Resp:	3189
Ion	Ratio	Lower	Upper
198	100		
182	14.3	11.4	17.2
77	0.0	0.0	0.0



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1270) (-)



Abundance Scan 1341 (16.131 min): BN017343.D\data.ms (-1324) (-)

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.131 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:248 Resp: 27508

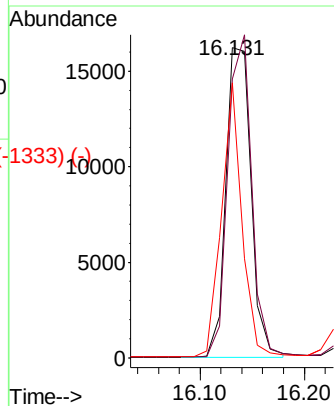
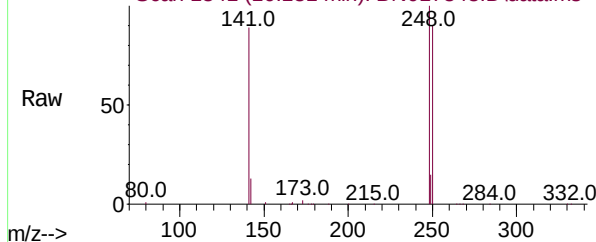
Ion Ratio Lower Upper

248 100

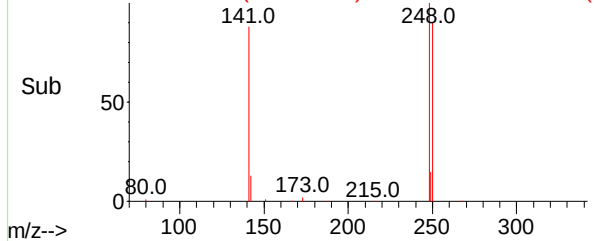
250 89.8 71.8 107.8

141 88.6 70.9 106.3

Abundance Scan 1341 (16.131 min): BN017343.D\data.ms



Abundance Scan 1341 (16.131 min): BN017343.D\data.ms (-1333) (-)



Abundance Scan 1350 (16.240 min): BN017343.D\data.ms (-1322) (-)

Hexachlorobenzene

Concen: 0.444 ng

RT: 16.240 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:284 Resp: 31584

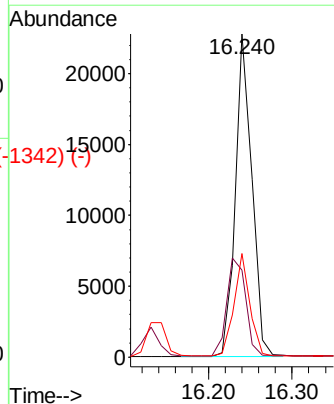
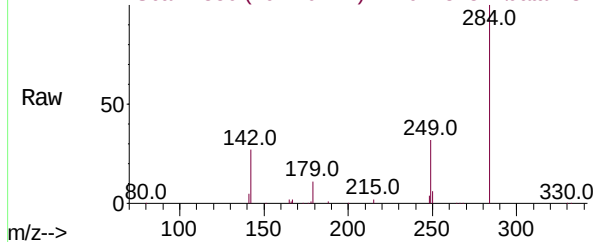
Ion Ratio Lower Upper

284 100

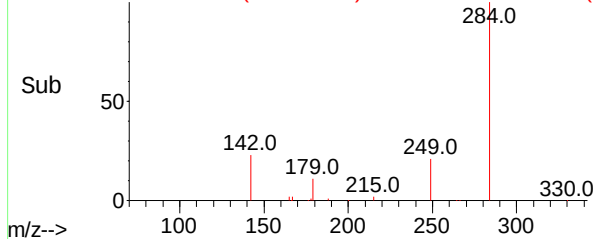
142 35.2 28.2 42.2

249 30.5 24.4 36.6

Abundance Scan 1350 (16.240 min): BN017343.D\data.ms



Abundance Scan 1350 (16.240 min): BN017343.D\data.ms (-1342) (-)



Abundance Scan 1365 (16.423 min): BN017343.D\data.ms (-1323) (-)

Atrazine

Concen: 0.376 ng

RT: 16.423 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:200 Resp: 16904

Ion Ratio Lower Upper

200 100

173 22.0 17.6 26.4

215 50.3 40.2 60.4

Abundance Scan 1365 (16.423 min): BN017343.D\data.ms

Ref

Raw

Sub

m/z-->

80.0 151.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 142.0 200.0 248.0 284.0 332.0

Abundance

10000

8000

6000

4000

2000

0

16.40

16.423

Time-->

Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.378 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:266 Resp: 8463

Ion Ratio Lower Upper

266 100

264 62.3 49.8 74.8

268 64.1 51.3 76.9

Abundance Scan 1379 (16.593 min): BN017343.D\data.ms

Ref

Raw

Sub

m/z-->

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

100 150 200 250 300

80.0 167.0 200.0 266.0

100 150 200 250 300

50

0

Abundance

4000

3000

2000

1000

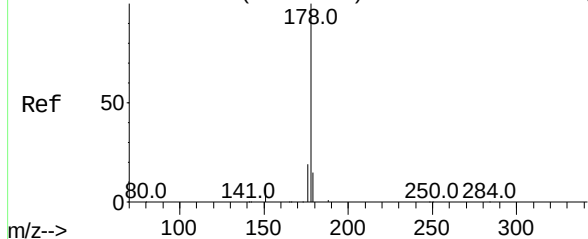
0

16.60

16.593

Time-->

Abundance Scan 1410 (16.970 min): BN017343.D\data.ms (-1425) (-)



Phenanthrene

Concen: 0.435 ng

RT: 16.970 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

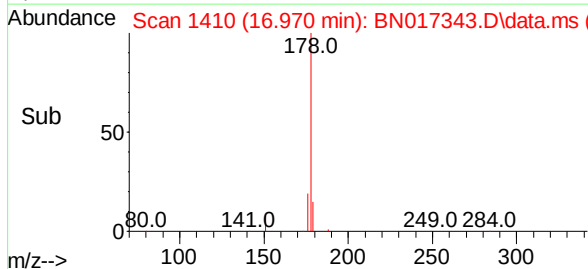
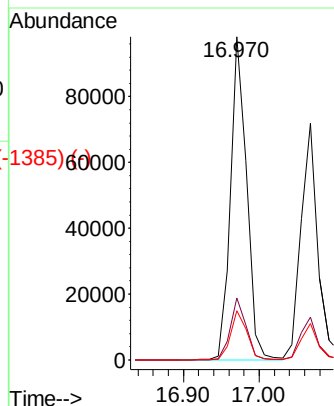
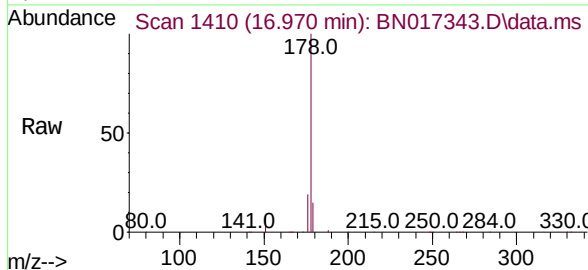
Tgt Ion:178 Resp: 144133

Ion Ratio Lower Upper

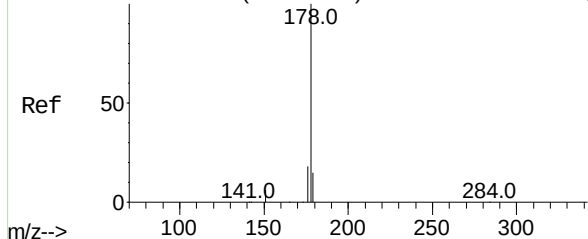
178 100

176 18.8 15.0 22.6

179 15.4 12.3 18.5



Abundance Scan 1418 (17.068 min): BN017343.D\data.ms (-1425) (-)



Anthracene

Concen: 0.397 ng

RT: 17.068 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

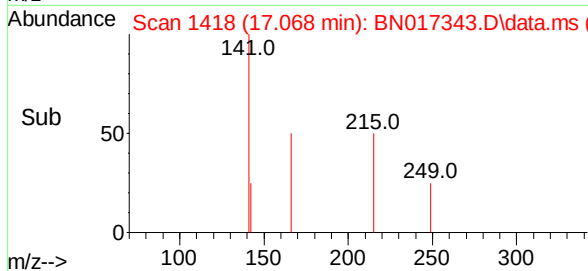
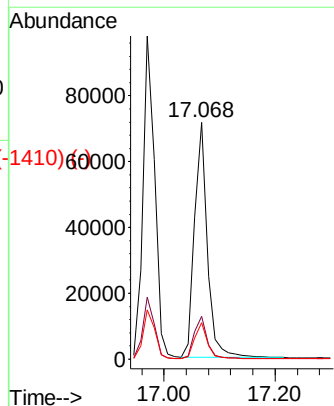
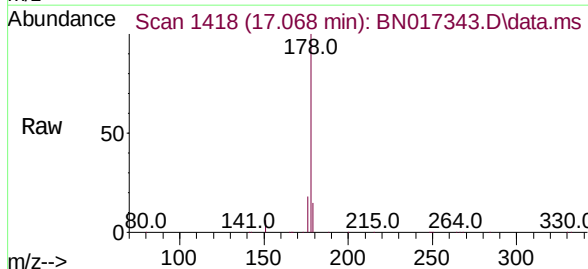
Tgt Ion:178 Resp: 113380

Ion Ratio Lower Upper

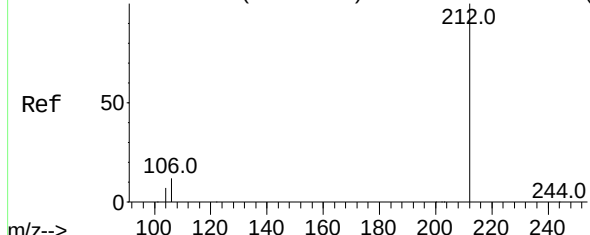
178 100

176 18.3 14.6 22.0

179 15.3 12.2 18.4



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)



Fluoranthene-d10

Concen: 0.416 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

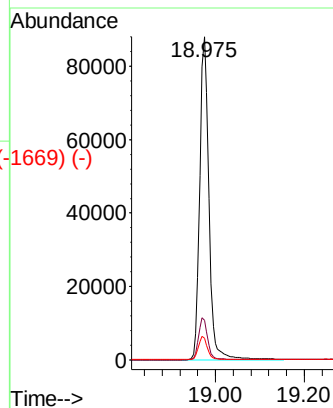
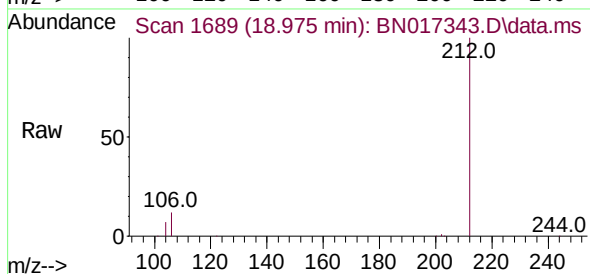
Tgt Ion:212 Resp: 125191

Ion Ratio Lower Upper

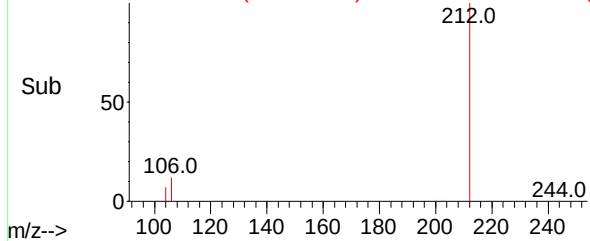
212 100

106 13.1 10.5 15.7

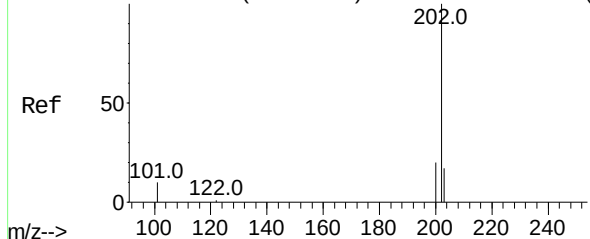
104 7.2 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1669) (-)



Abundance Scan 1695 (19.005 min): BN017343.D\data.ms (-1629) (-)



Fluoranthene

Concen: 0.433 ng

RT: 19.005 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

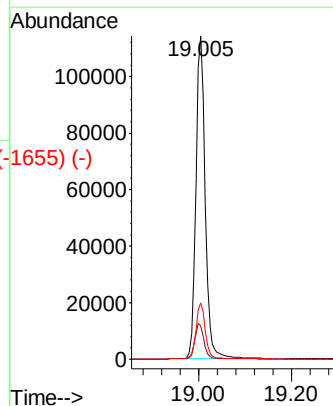
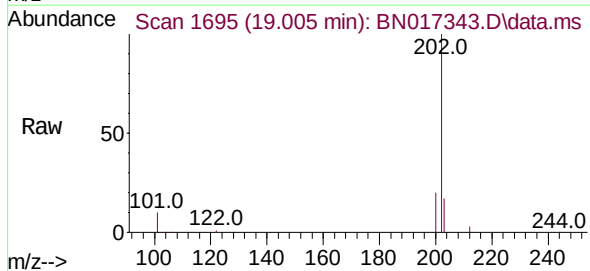
Tgt Ion:202 Resp: 157157

Ion Ratio Lower Upper

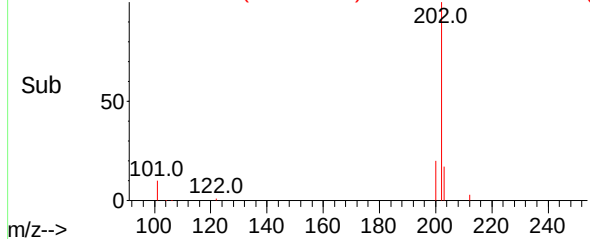
202 100

101 11.1 8.9 13.3

203 17.2 13.8 20.6



Abundance Scan 1695 (19.005 min): BN017343.D\data.ms (-1655) (-)



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1985) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:240 Resp: 116097

Ion Ratio Lower Upper

240 100

120 5.2 4.2 6.2

236 25.0 20.0 30.0

Abundance Scan 2004 (21.144 min): BN017343.D\data.ms

Ref 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance Scan 2004 (21.144 min): BN017343.D\data.ms

Raw 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1985) (-)

Sub 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

Abundance

21.144

60000

40000

20000

0

Time-->

Abundance Scan 1768 (19.367 min): BN017343.D\data.ms (-1738) (-)

Pyrene

Concen: 0.415 ng

RT: 19.367 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:202 Resp: 154061

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.5 14.0 21.0

Abundance Scan 1768 (19.367 min): BN017343.D\data.ms

Ref 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1768 (19.367 min): BN017343.D\data.ms

Raw 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1768 (19.367 min): BN017343.D\data.ms (-1728) (-)

Sub 50

202.0

101.0 122.0 244.0

m/z-->

Abundance

19.367

100000

80000

60000

40000

20000

0

Time-->

Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 0.430 ng

RT: 19.590 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:244 Resp: 109157

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 8.6 13.0

Abundance Scan 1813 (19.590 min): BN017343.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

80000

60000

40000

20000

0

19.591

Time-->

Abundance Scan 2002 (21.123 min): BN017343.D\data.ms (-1983) (-)

Benzo(a)anthracene

Concen: 0.389 ng

RT: 21.123 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:228 Resp: 140446

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

229 19.6 15.7 23.5

Abundance Scan 2002 (21.123 min): BN017343.D\data.ms

Ref 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Raw 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance Scan 2002 (21.123 min): BN017343.D\data.ms (-1983) (-)

Sub 50

91.0 120.0 149.0 202.0 228.0 254.0279.0

m/z-->

Abundance

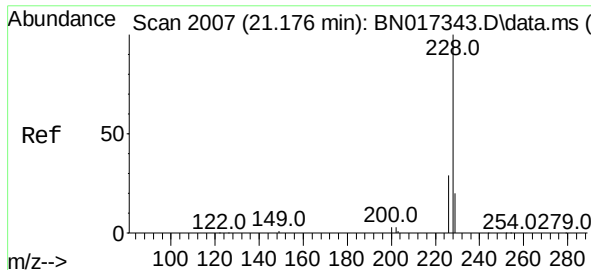
100000

50000

0

21.123

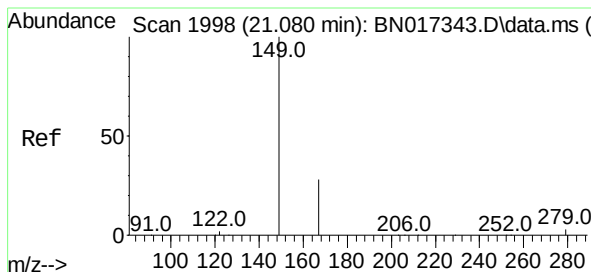
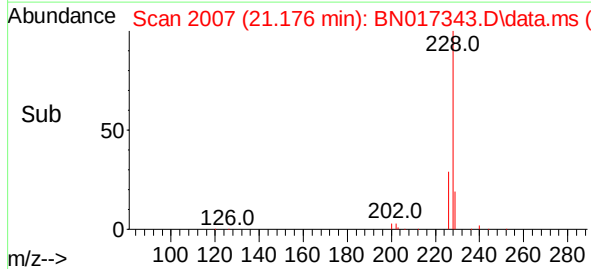
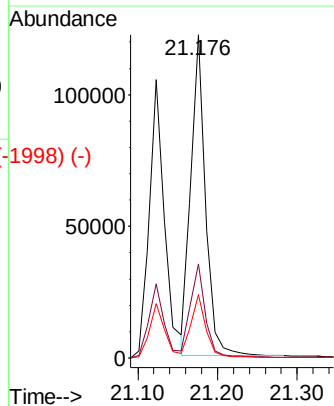
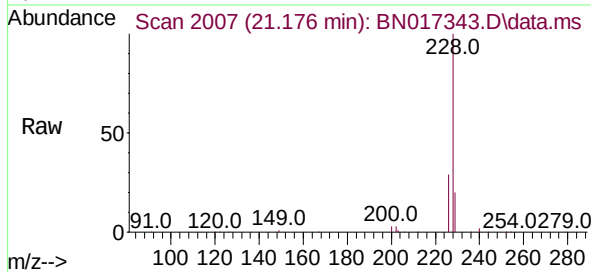
Time-->



Chrysene
Concen: 0.422 ng
RT: 21.176 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

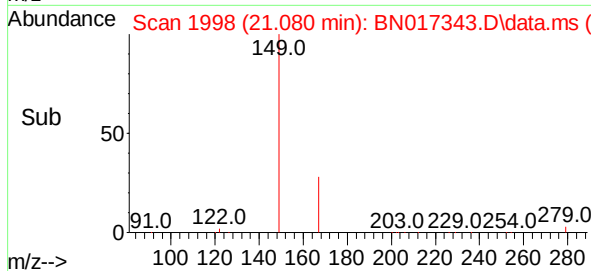
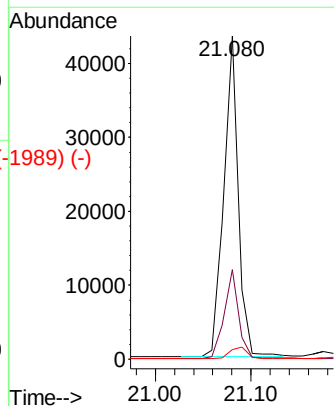
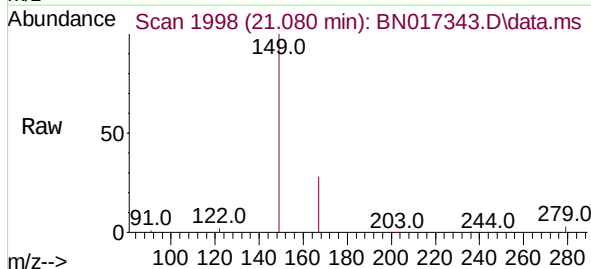
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:	228	Resp:	155124
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.5	15.6	23.4



Bis(2-ethylhexyl)phthalate
Concen: 0.268 ng
RT: 21.080 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:	149	Resp:	46521
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.2	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:264 Resp: 101598

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.3 18.6 28.0

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance

23.335

40000

30000

20000

10000

0

Time-->

23.20 23.40

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms (-3010) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng

RT: 25.543 min Scan# 3039

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:276 Resp: 145712

Ion Ratio Lower Upper

276 100

138 24.6 19.7 29.5

277 25.0 20.0 30.0

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms (-3010) (-)

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms (-3010) (-)

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance

25.543

40000

30000

20000

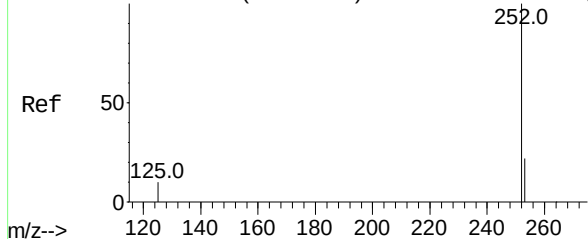
10000

0

Time-->

25.40 25.60

Abundance Scan 2202 (22.678 min): BN017343.D\data.ms (-2185) (-)



Benzo(b)fluoranthene

Concen: 0.455 ng

RT: 22.678 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

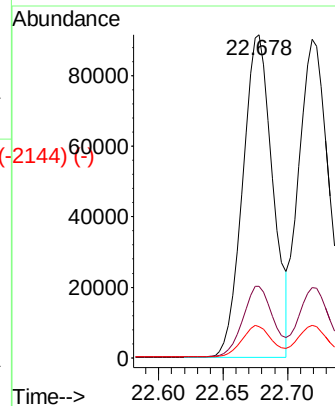
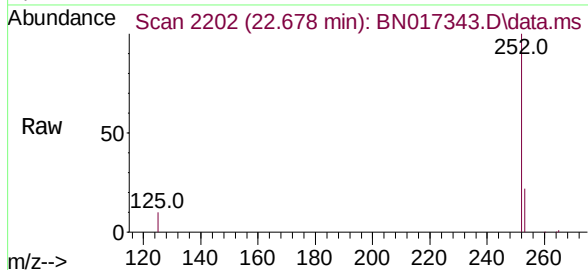
Tgt Ion:252 Resp: 148529

Ion Ratio Lower Upper

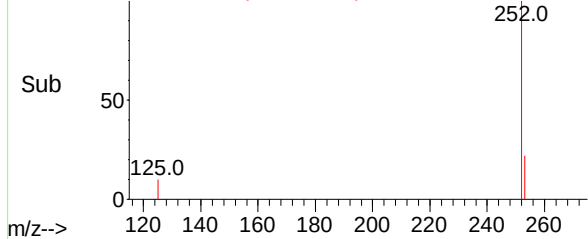
252 100

253 22.1 17.7 26.5

125 9.8 7.8 11.8



Abundance Scan 2214 (22.719 min): BN017343.D\data.ms (-2144) (-)



Benzo(k)fluoranthene

Concen: 0.437 ng

RT: 22.719 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

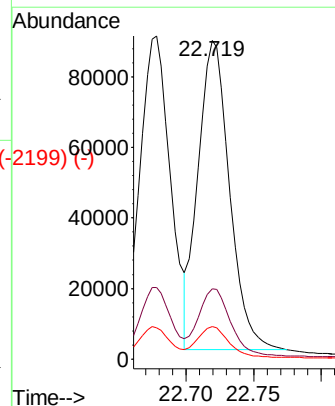
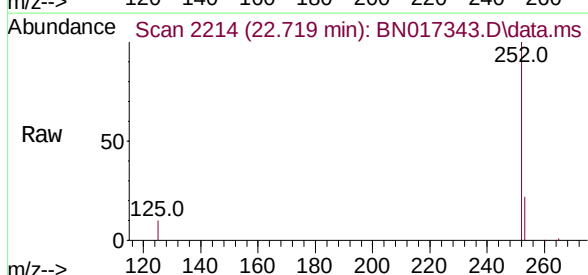
Tgt Ion:252 Resp: 141892

Ion Ratio Lower Upper

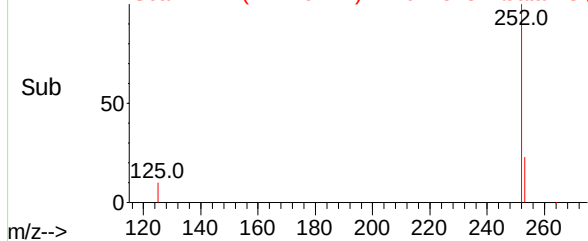
252 100

253 22.1 17.7 26.5

125 10.2 8.2 12.2



Abundance Scan 2214 (22.719 min): BN017343.D\data.ms (-2199) (-)



Abundance Scan 2365 (23.236 min): BN017343.D\data.ms (-2307) (-)

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.236 min Scan# 2365

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:252 Resp: 121658

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 11.5 9.2 13.8

Abundance Scan 2365 (23.236 min): BN017343.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2365 (23.236 min): BN017343.D\data.ms (-2307) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

50000

40000

30000

20000

10000

0

23.20 23.40

Time-->

Abundance Scan 3045 (25.564 min): BN017343.D\data.ms (-3016) (-)

Dibenzo(a,h)anthracene

Concen: 0.406 ng

RT: 25.564 min Scan# 3045

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

Tgt Ion:278 Resp: 117395

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

279 24.0 19.2 28.8

Abundance Scan 3045 (25.564 min): BN017343.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3045 (25.564 min): BN017343.D\data.ms (-3016) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

30000

20000

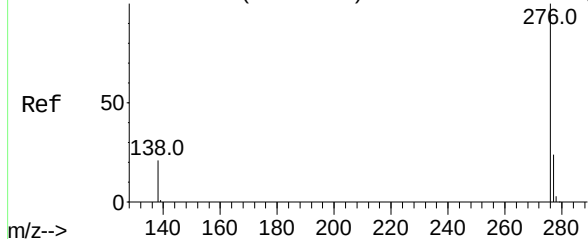
10000

0

25.40 25.60

Time-->

Abundance Scan 3235 (26.214 min): BN017343.D\data.ms (-3204) (-)



Benzo(g,h,i)perylene

Concen: 0.415 ng

RT: 26.214 min Scan# 3235

Delta R.T. 0.000 min

Lab File: BN017343.D

Acq: 09 Nov 2021 11:03

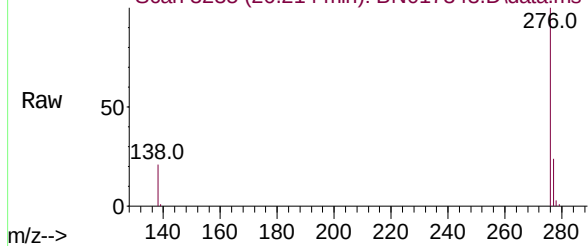
Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Abundance Scan 3235 (26.214 min): BN017343.D\data.ms



Tgt Ion:276 Resp: 130419

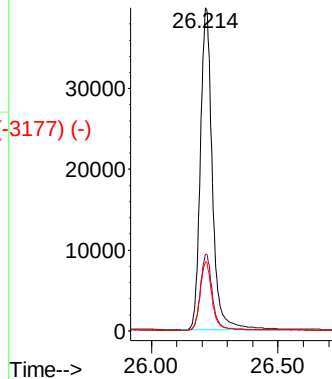
Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.4 17.1 25.7

Abundance



Abundance Scan 3235 (26.214 min): BN017343.D\data.ms (-3177) (-)

