

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011581.D
 Acq On : 22 Aug 2020 10:54
 Operator : CG/JU
 Sample : L3768-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-2

Quant Time: Aug 24 01:23:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1408	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4721	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	4152	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	7197	0.40	ng	0.01
29) Chrysene-d12	21.01	240	6311	0.40	ng	0.00
36) Perylene-d12	23.11	264	6848	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	844	0.28	ng	0.00
5) Phenol-d6	6.69	99	394	0.13	ng	0.06
8) Nitrobenzene-d5	8.60	82	531	0.17	ng	0.05
11) 2-Methylnaphthalene-d10	11.76	152	1481	0.18	ng	0.01
14) 2,4,6-Tribromophenol	15.56	330	355	0.17	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	4194	0.25	ng	0.00
27) Fluoranthene-d10	18.84	212	4743	0.20	ng	0.00
31) Terphenyl-d14	19.45	244	6844	0.42	ng	0.00

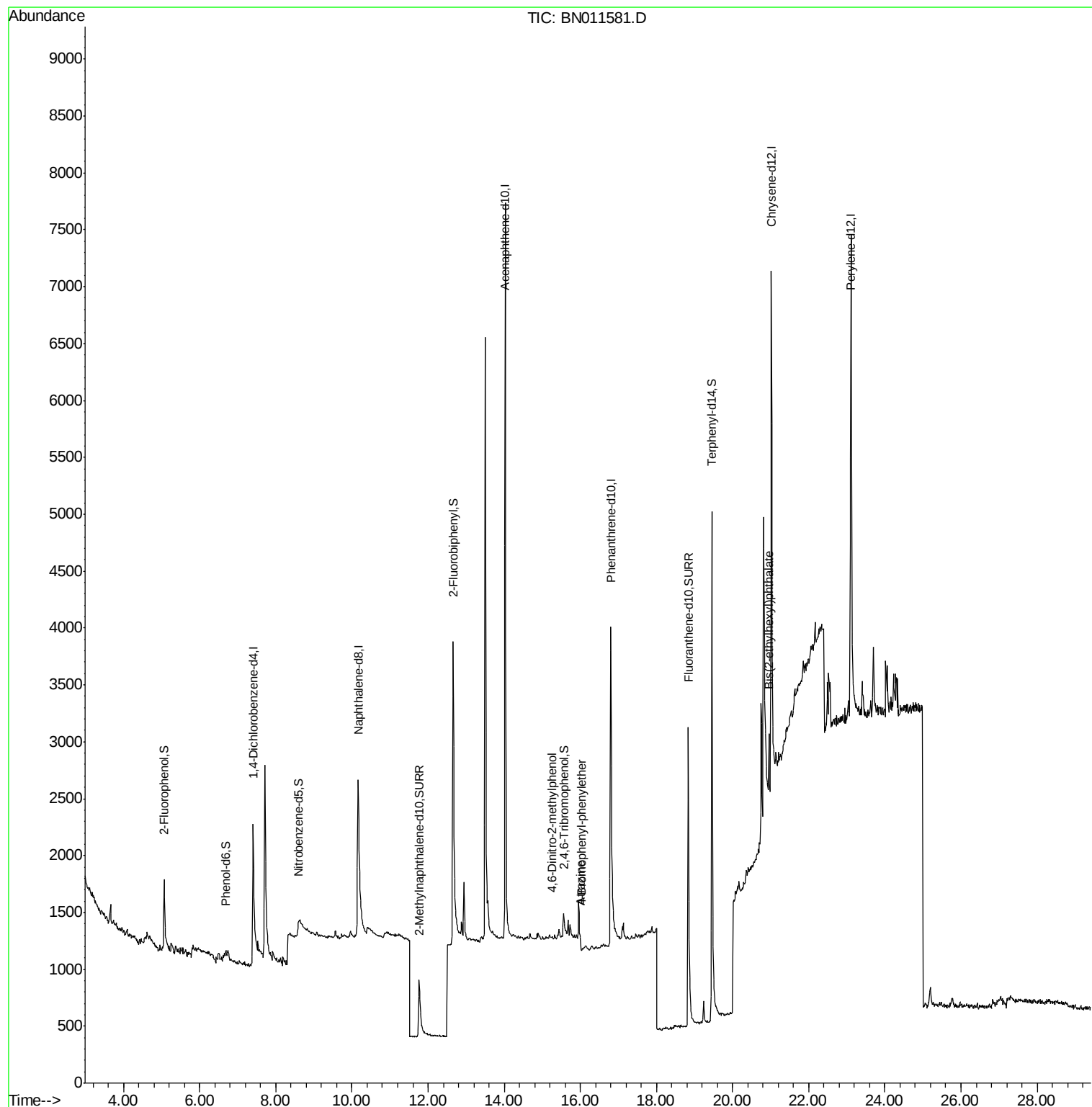
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) 4,6-Dinitro-2-methylphenol	15.26	198	2	0.176	ng	# 4
21) 4-Bromophenyl-phenylether	16.04	248	202	0.128	ng	# 66
23) Atrazine	16.02	200	207	0.055	ng	# 11
34) Bis(2-ethylhexyl)phthalate	20.96	149	508	0.056	ng	98

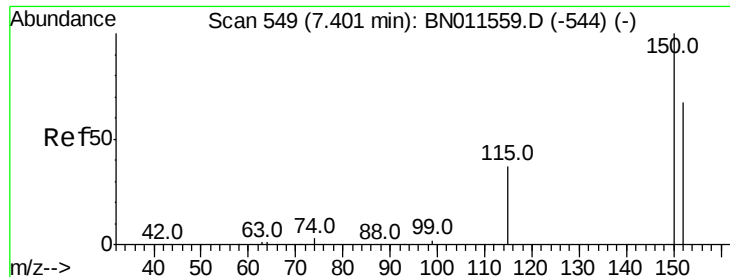
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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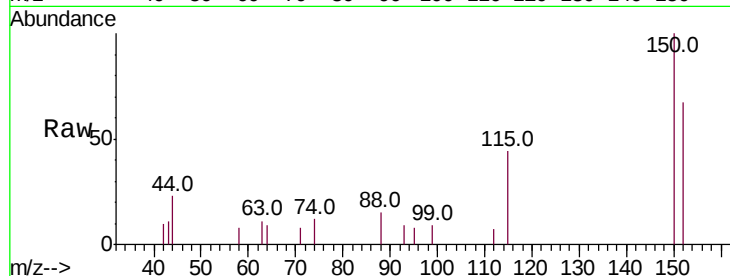


#1

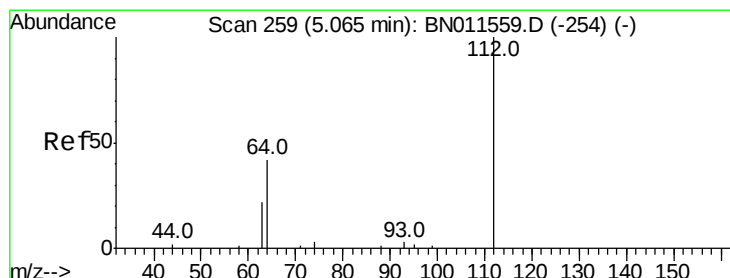
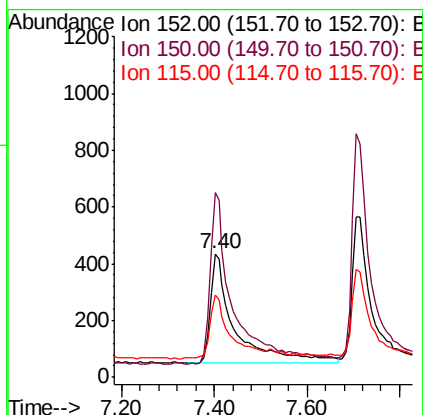
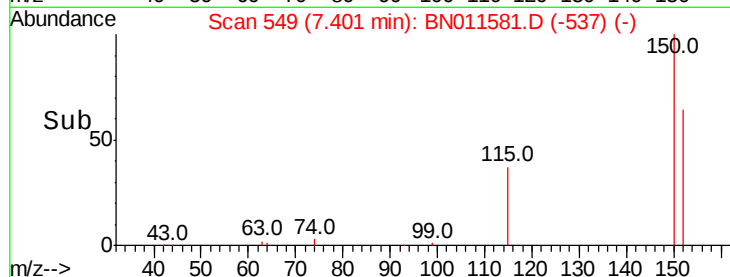
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

Instrument :
BNA_N
ClientSampleId :
CS-2

Tot Ion:152 Resp: 1408
Ion Ratio Lower Upper
152 100
150 149.7 117.1 175.7
115 66.2 48.7 73.1



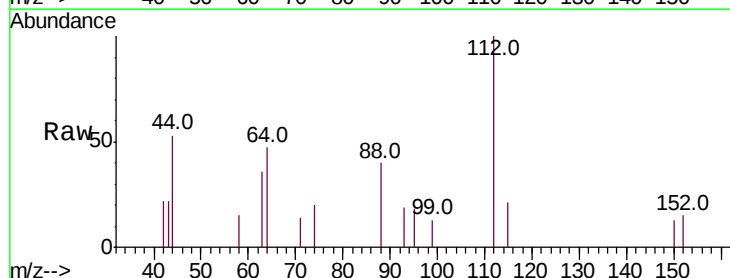
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



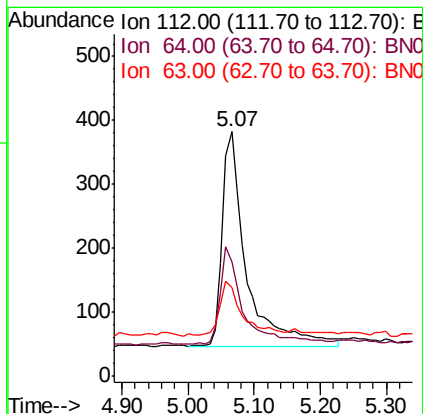
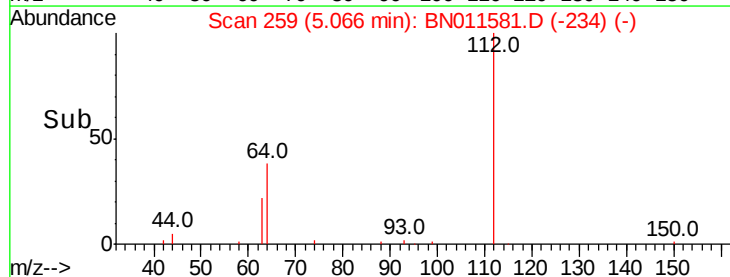
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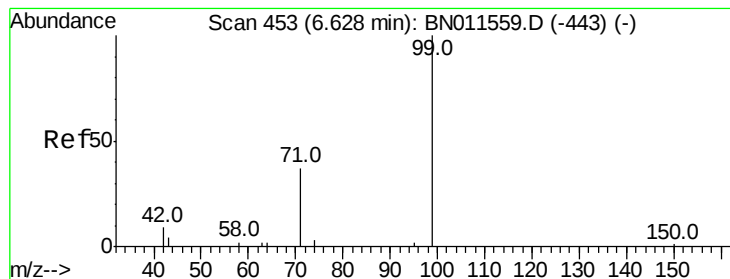
2-Fluorophenol
Concen: 0.281 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

Tgt Ion:112 Resp: 844
Ion Ratio Lower Upper
112 100
64 43.7 33.9 50.9
63 24.5 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.130 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :

BNA_N

ClientSampleId :

CS-2

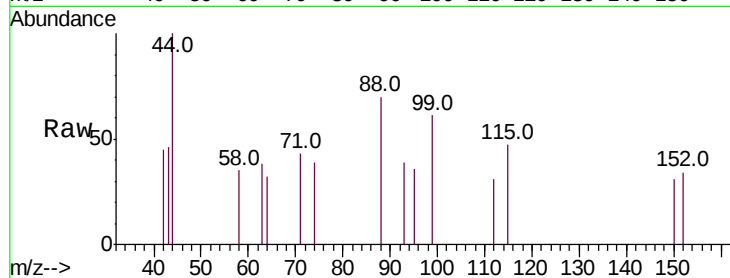
Tot Ion: 99 Resp: 394

Ion Ratio Lower Upper

99 100

42 0.0 9.0 13.4#

71 15.2 30.4 45.6#



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.69

100

80

60

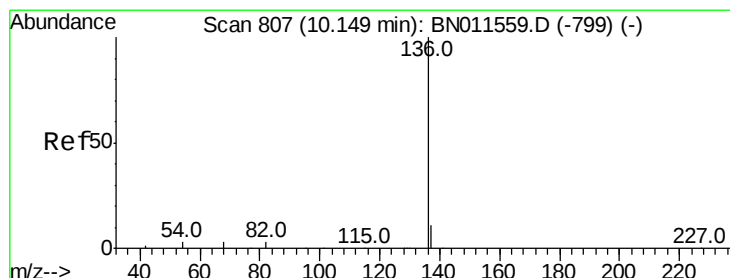
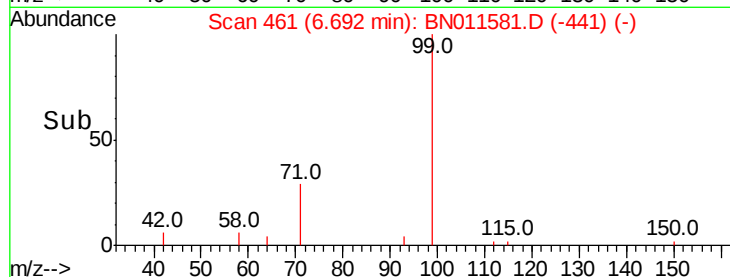
40

20

0

6.50 6.60 6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 808

Delta R.T. 0.01 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Tgt Ion: 136 Resp: 4721

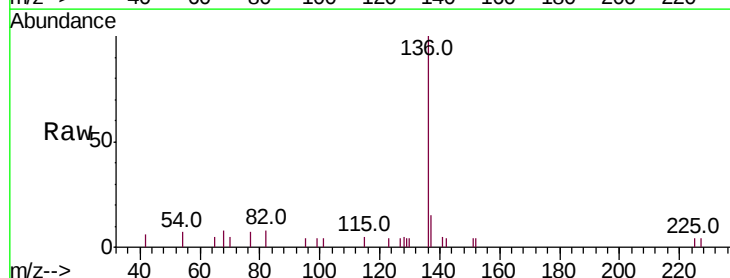
Ion Ratio Lower Upper

136 100

137 14.7 11.0 16.4

54 7.4 4.3 6.5#

68 7.8 4.9 7.3#



Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

Ion 137.00 (136.70 to 137.70): BN011559.D (-799) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-799) (-)

Ion 68.00 (67.70 to 68.70): BN011559.D (-799) (-)

10.16

1500

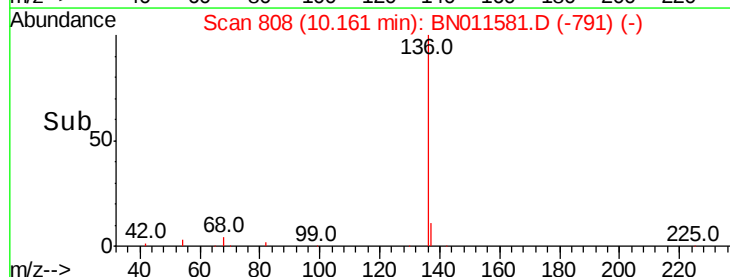
1000

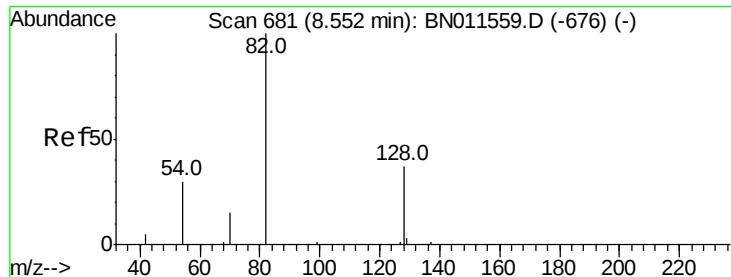
500

0

10.00 10.20

Time-->





#8

Nitrobenzene-d5

Concen: 0.171 ng

RT: 8.60 min Scan# 685

Delta R.T. 0.05 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :

BNA_N

ClientSampleId :

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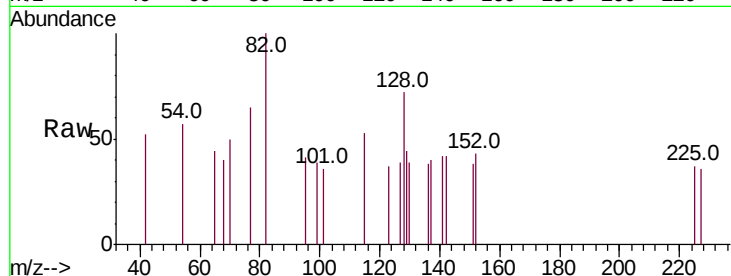
Tot Ion: 82 Resp: 531

Ion Ratio Lower Upper

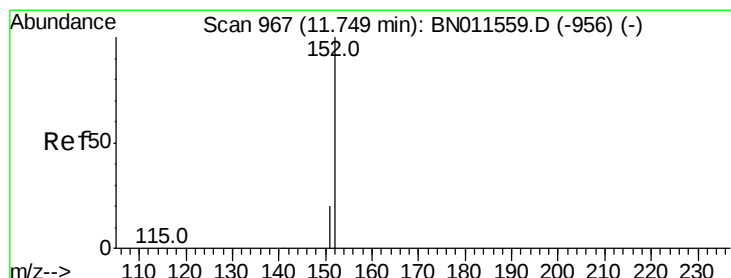
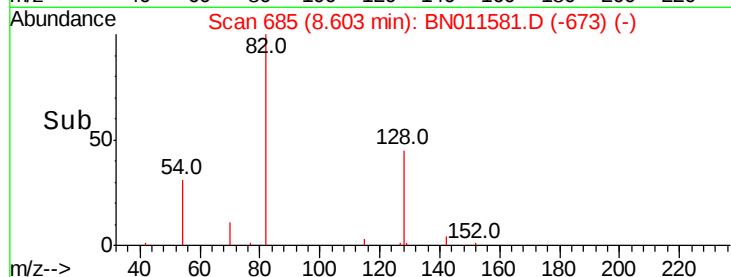
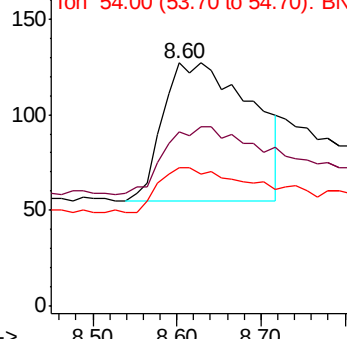
82 100

128 71.7 41.7 62.5#

54 56.7 34.4 51.6#



Abundance Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.176 ng

RT: 11.76 min Scan# 970

Delta R.T. 0.01 min

Lab File: BN011581.D

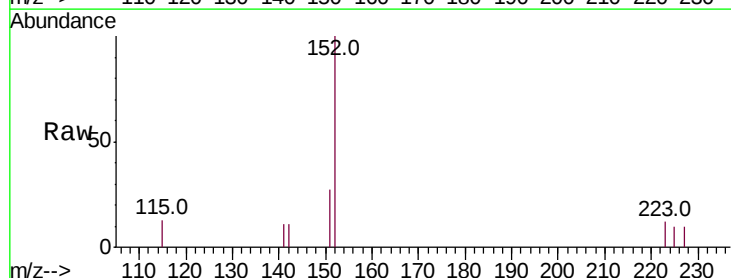
Acq: 22 Aug 2020 10:54

Tgt Ion: 152 Resp: 1481

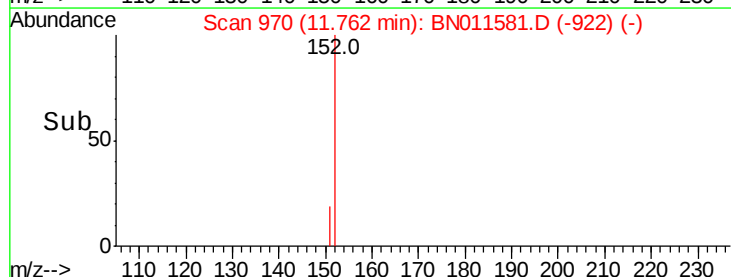
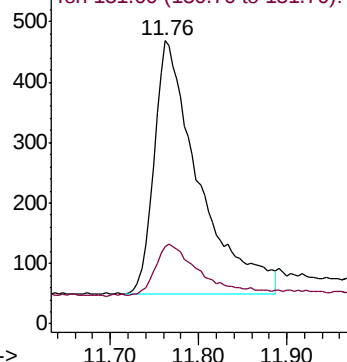
Ion Ratio Lower Upper

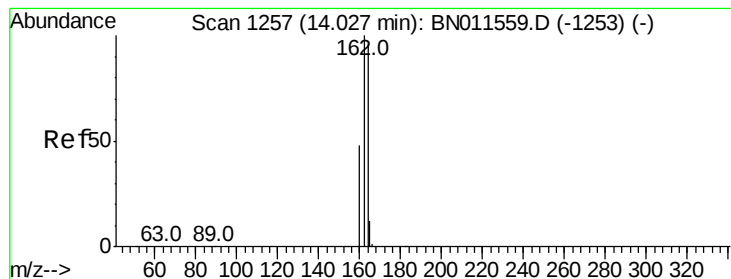
152 100

151 20.7 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011559.D (-956) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :

BNA_N

ClientSampleId :

CS-2

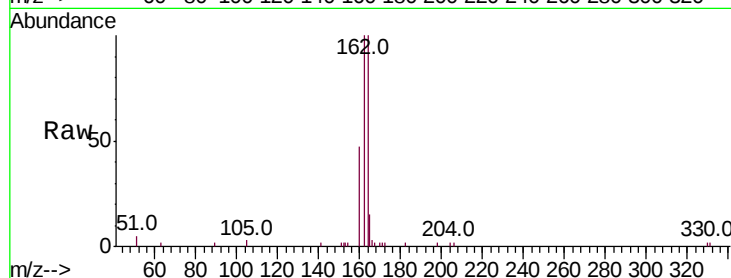
Tot Ion:164 Resp: 4152

Ion Ratio Lower Upper

164 100

162 100.4 83.7 125.5

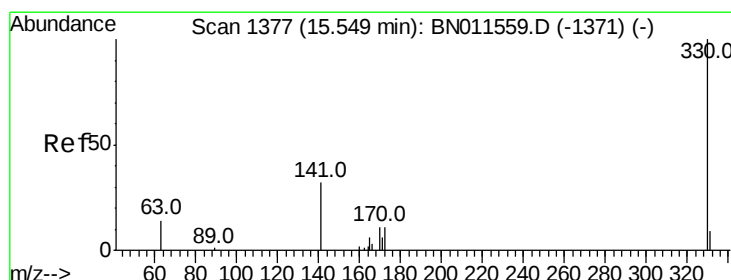
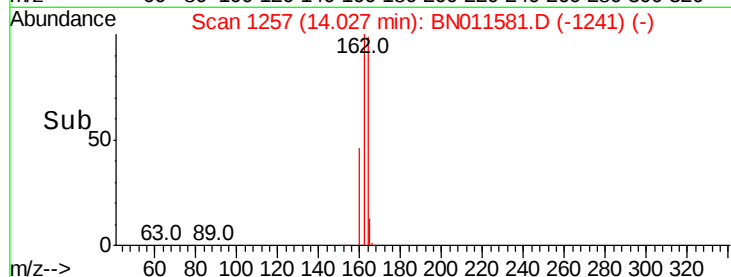
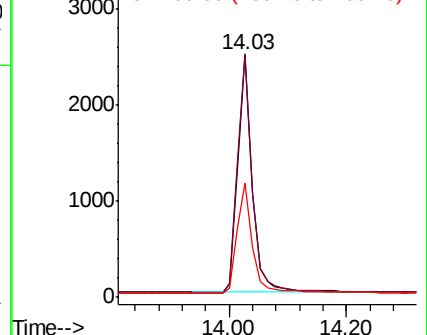
160 47.4 41.1 61.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.172 ng

RT: 15.56 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

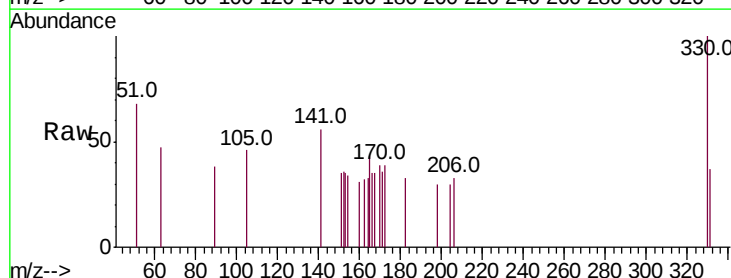
Tgt Ion:330 Resp: 355

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

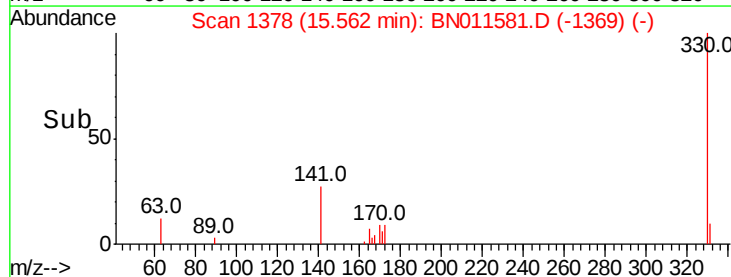
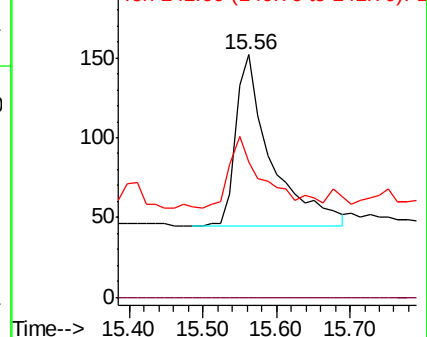
141 40.6 34.6 52.0

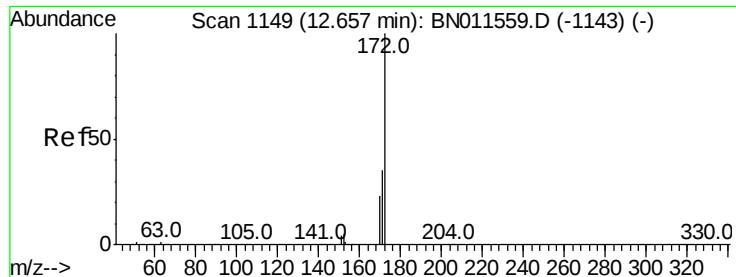


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

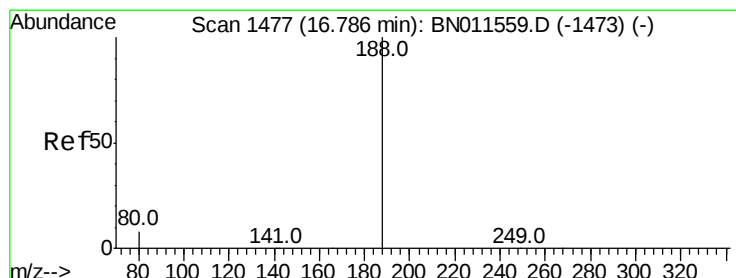
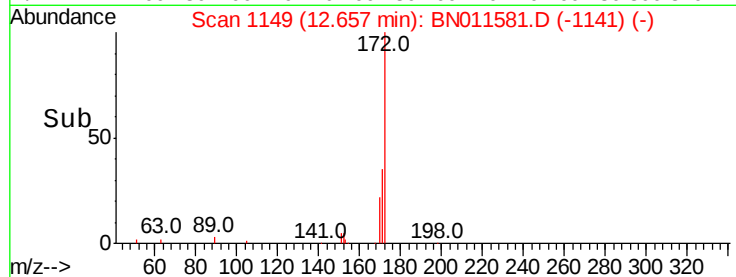
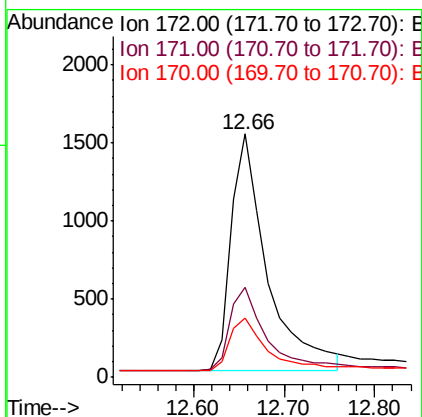
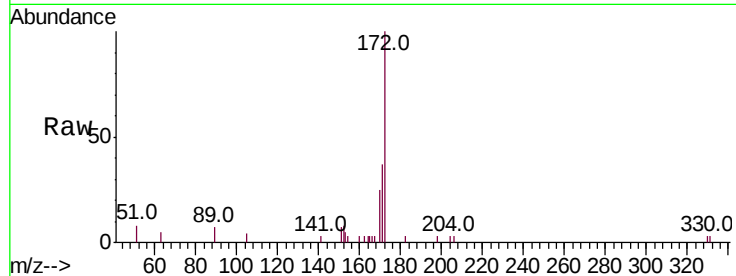




#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

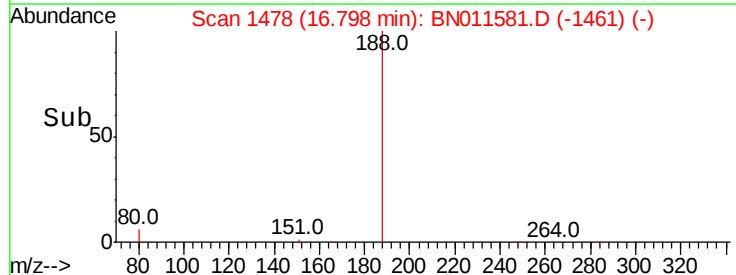
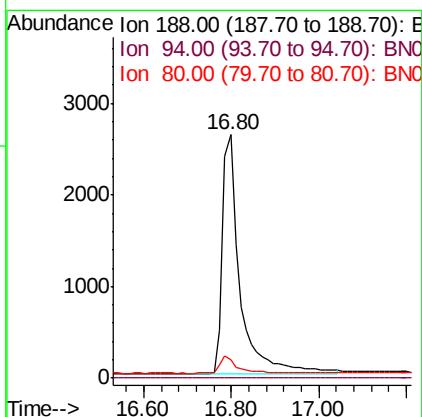
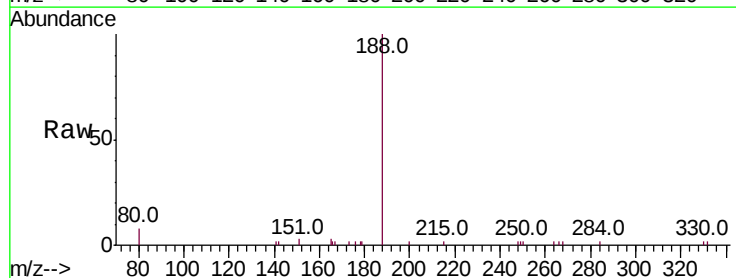
Instrument :
BNA_N
ClientSampleId :
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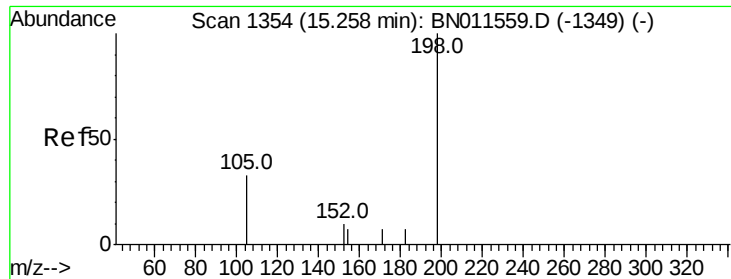
Tot Ion:172 Resp: 4194
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.6 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

Tgt Ion:188 Resp: 7197
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.6 11.4





#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.26 min Scan# 1354

Delta R.T. 0.00 min

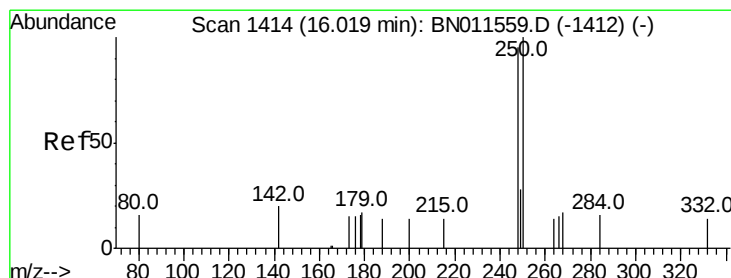
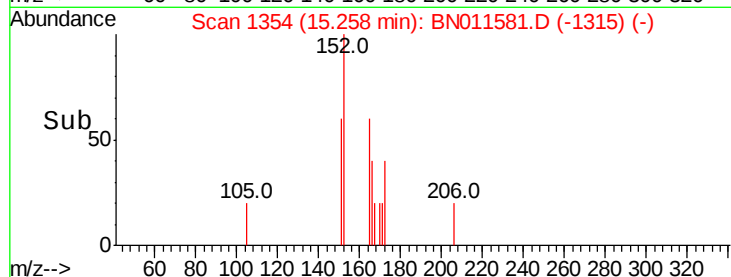
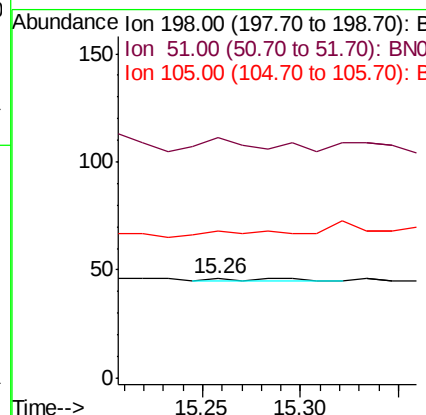
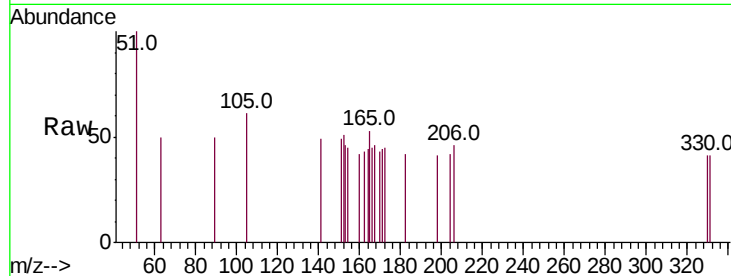
Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :
BNA_N
ClientSampled :
CS-2

Tot Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	241.3	89.4	134.2#
105	147.8	70.6	105.8#



#21

4-Bromophenyl-phenylether

Concen: 0.128 ng

RT: 16.04 min Scan# 1416

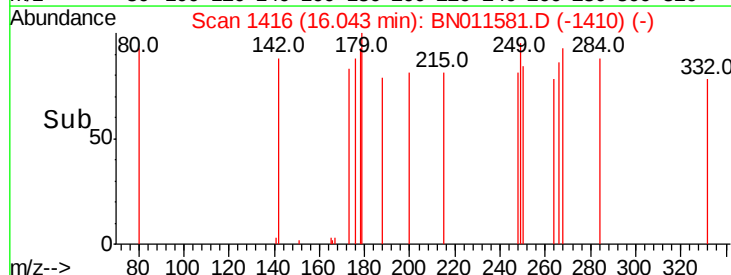
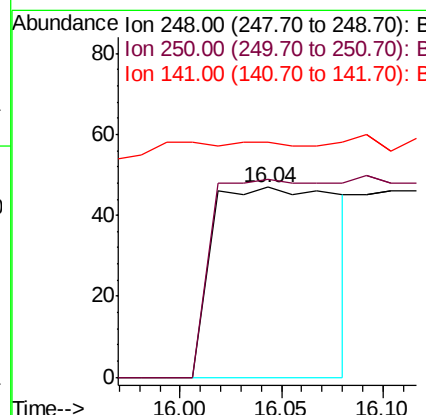
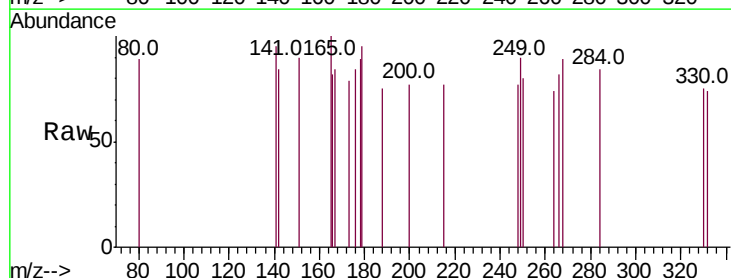
Delta R.T. 0.02 min

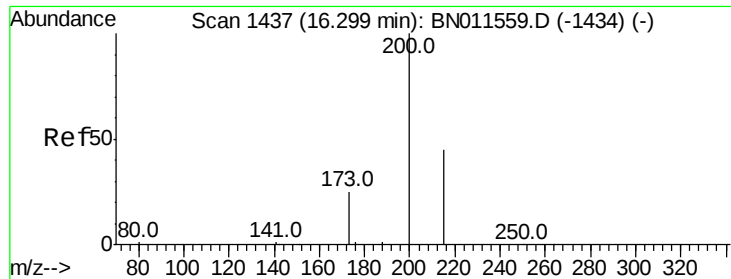
Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Tgt Ion:248 Resp: 202

Ion	Ratio	Lower	Upper
248	100		
250	104.3	83.8	125.8
141	123.4	41.0	61.6#

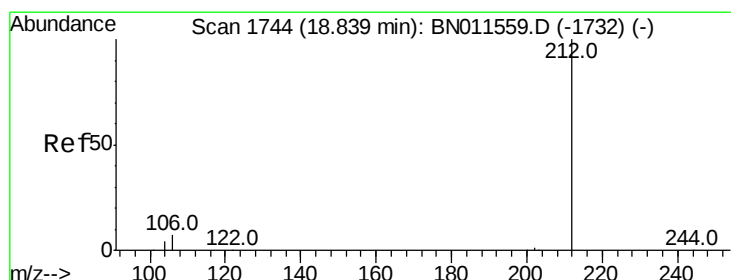
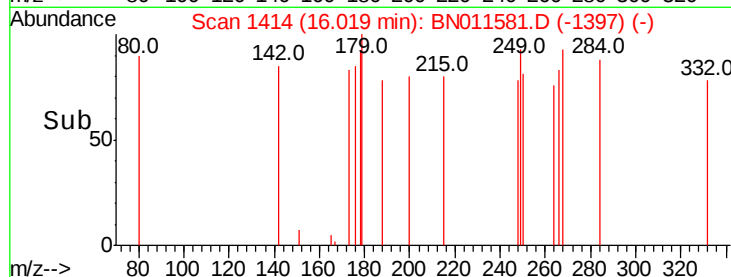
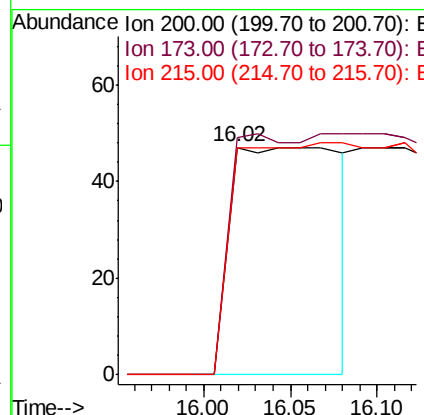
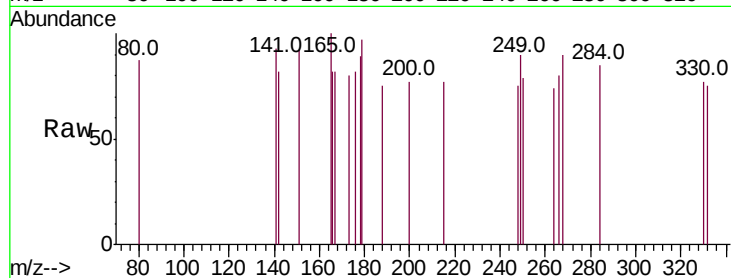




#23
Atrazine
Concen: 0.055 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.28 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

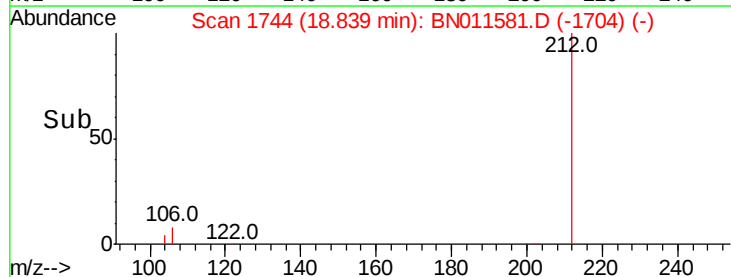
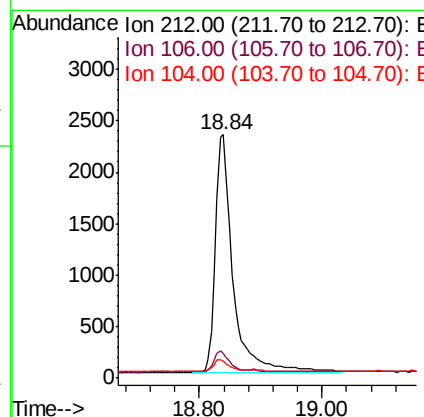
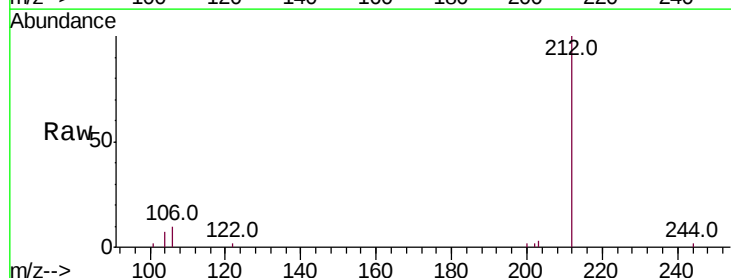
Instrument :
BNA_N
ClientSampleId :
CS-2

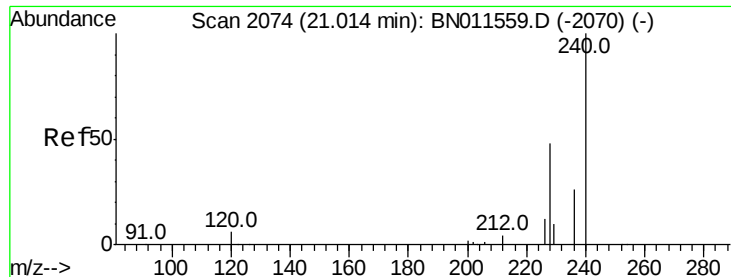
Tot Ion:200 Resp: 207
Ion Ratio Lower Upper
200 100
173 104.3 27.7 41.5#
215 100.0 41.5 62.3#



#27
Fluoranthene-d10
Concen: 0.196 ng
RT: 18.84 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BN011581.D
Acq: 22 Aug 2020 10:54

Tgt Ion:212 Resp: 4743
Ion Ratio Lower Upper
212 100
106 7.9 6.2 9.2
104 4.6 3.8 5.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :

BNA_N

ClientSampleId :

CS-2

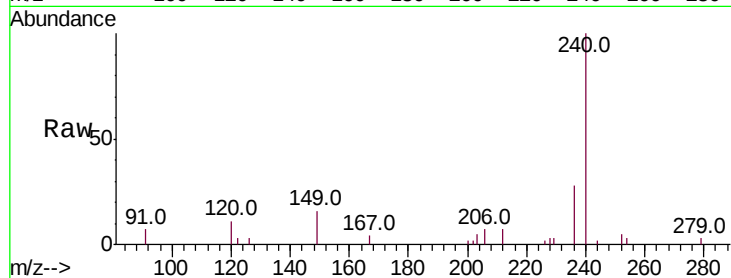
Tot Ion:240 Resp: 6311

Ion Ratio Lower Upper

240 100

120 11.2 7.4 11.0#

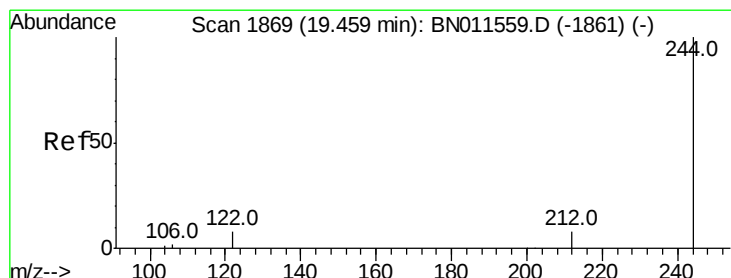
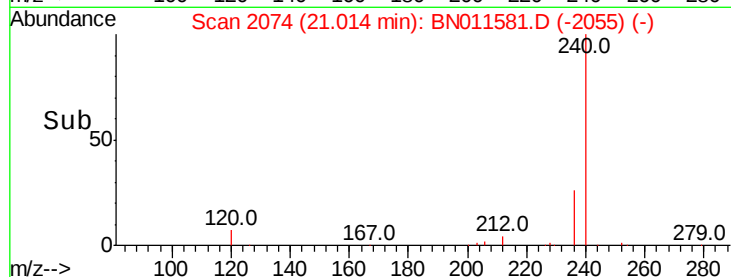
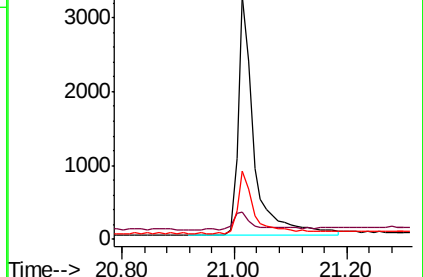
236 28.0 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#31

Terphenyl-d14

Concen: 0.416 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

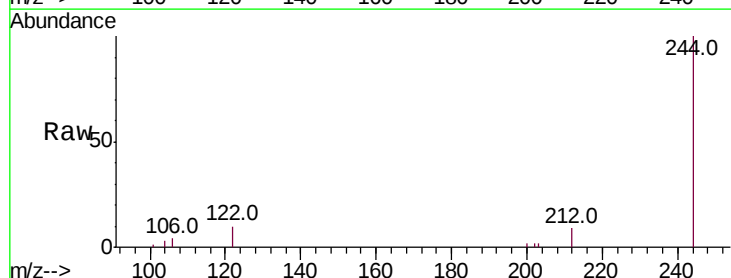
Tgt Ion:244 Resp: 6844

Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.4

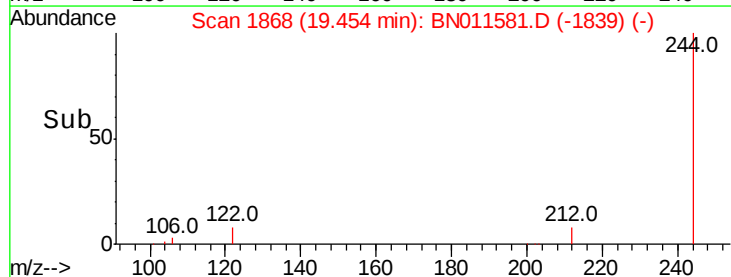
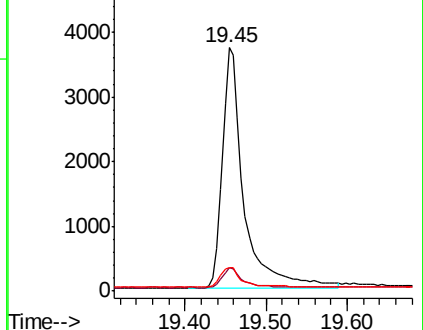
122 9.9 8.0 12.0

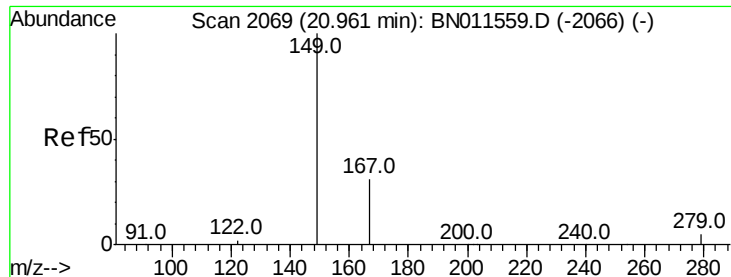


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

Instrument :

BNA_N

ClientSampled :

CS-2

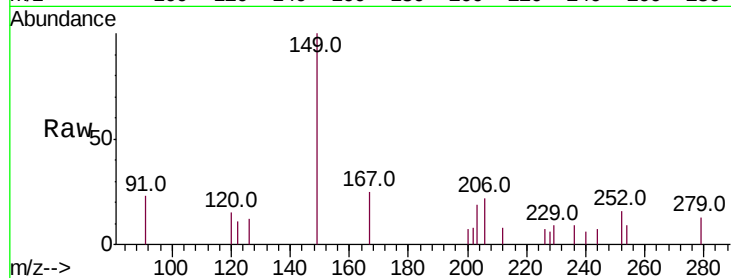
Tot Ion:149 Resp: 508

Ion Ratio Lower Upper

149 100

167 27.2 22.8 34.2

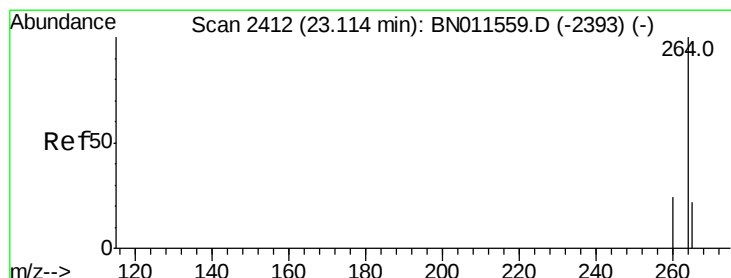
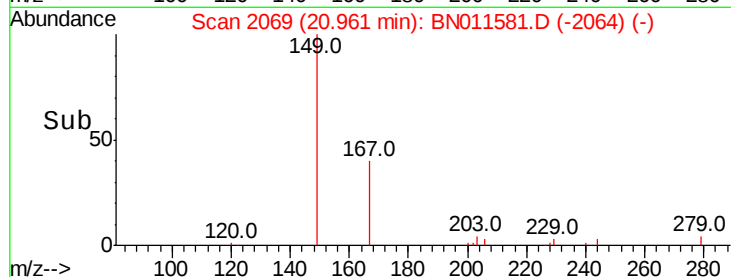
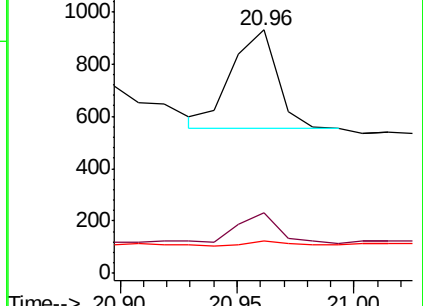
279 4.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BN011581.D

Acq: 22 Aug 2020 10:54

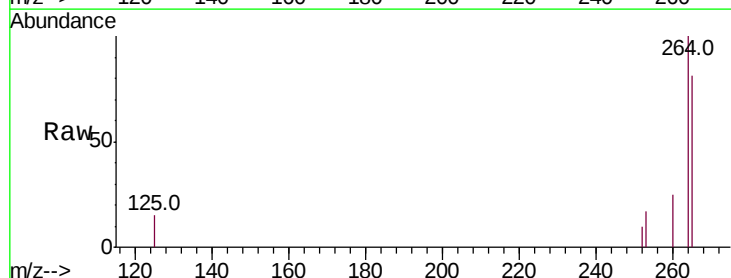
Tgt Ion:264 Resp: 6848

Ion Ratio Lower Upper

264 100

260 25.0 20.3 30.5

265 80.7 96.1 144.1#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

