

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010151.D
 Acq On : 09 Mar 2020 18:43
 Operator : CG/JU
 Sample : L1842-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 22:12:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

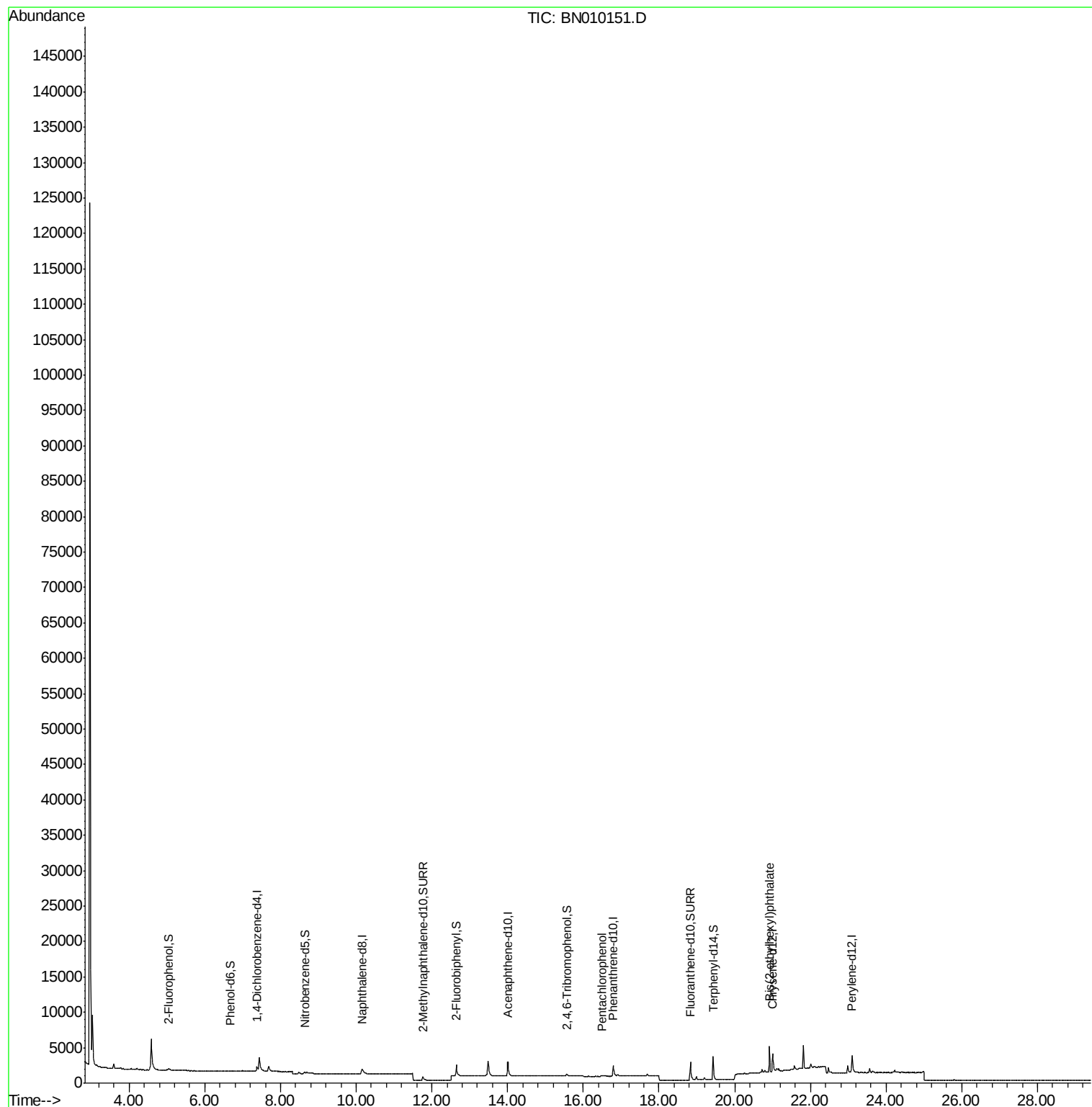
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	726	0.40	ng	-0.04
7) Naphthalene-d8	10.15	136	2290	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1700	0.40	ng	-0.04
19) Phenanthrene-d10	16.79	188	3478	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3589	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3772	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	311	0.19	ng	-0.03
5) Phenol-d6	6.66	99	46	0.02	ng	0.02
8) Nitrobenzene-d5	8.66	82	500	0.26	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1509	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.56	330	285	0.44	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2493	0.39	ng	-0.04
25) Fluoranthene-d10	18.83	212	4319	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	4217	0.49	ng	-0.04
Target Compounds						
20) 4-Bromophenyl-phenylether	16.02	248	118	Below Cal		Qvalue # 80
22) Pentachlorophenol	16.49	266	58	0.258 ng		85
32) Bis(2-ethylhexyl)phthalate	20.92	149	2912	0.501 ng		100

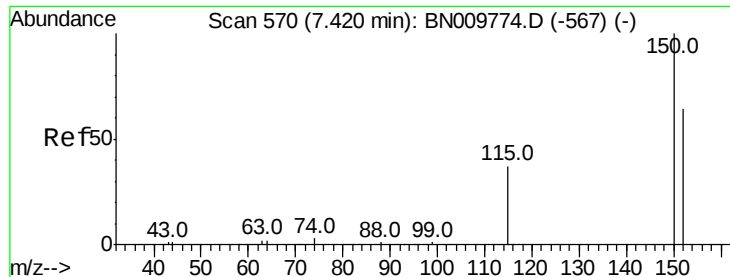
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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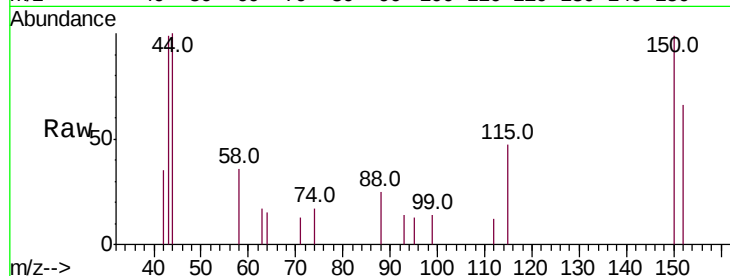


#1

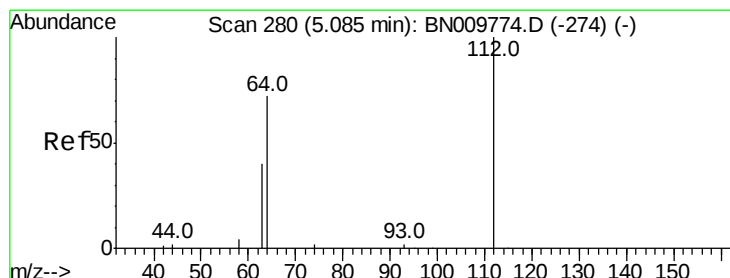
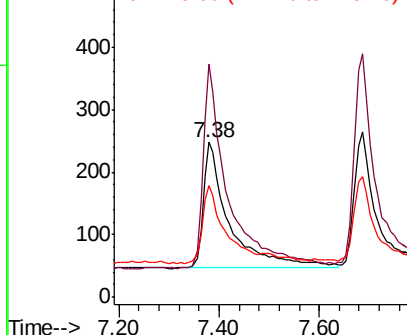
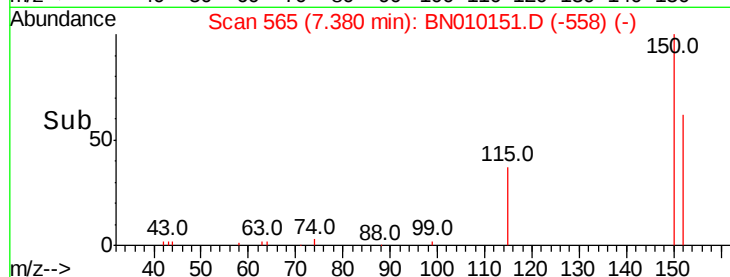
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 726
Ion Ratio Lower Upper
152 100
150 150.4 120.6 181.0
115 71.8 51.2 76.8



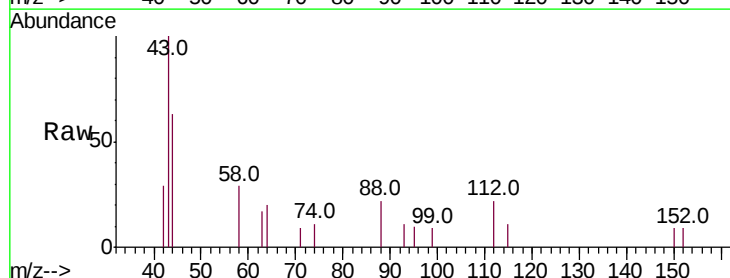
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



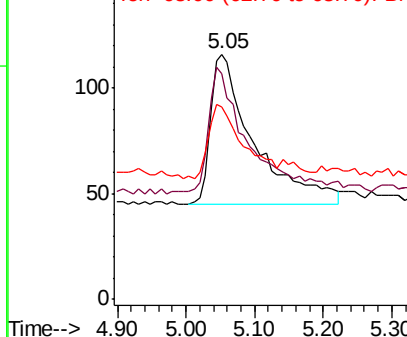
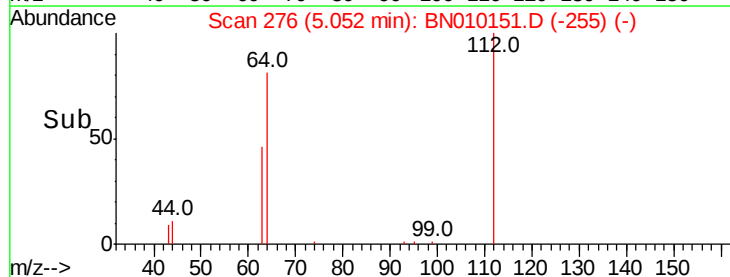
#4

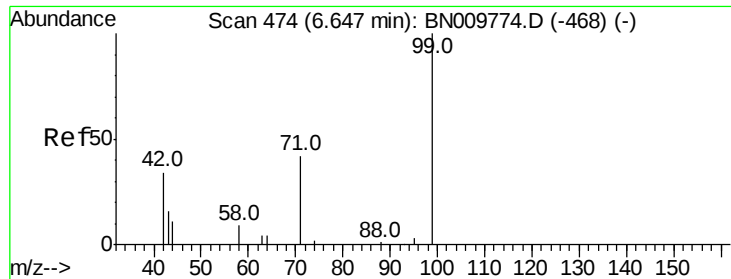
2-Fluorophenol
Concen: 0.193 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Tgt Ion:112 Resp: 311
Ion Ratio Lower Upper
112 100
64 72.7 65.8 98.6
63 40.2 38.7 58.1



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: 0.023 ng

RT: 6.66 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampled :

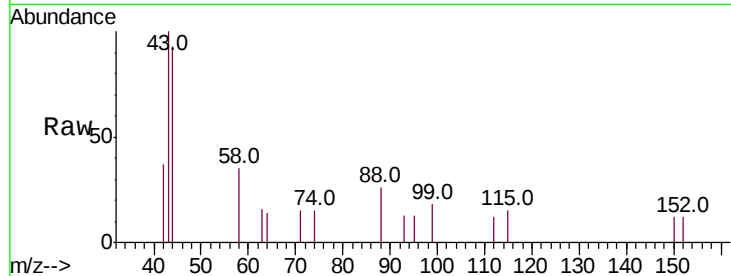
Tot Ion: 99 Resp: 46

Ion Ratio Lower Upper

99 100

42 67.4 30.8 46.2#

71 84.8 34.9 52.3#

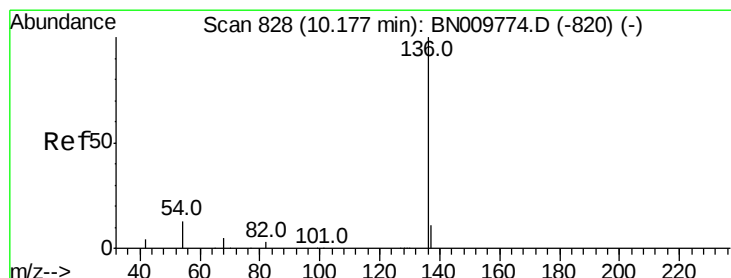
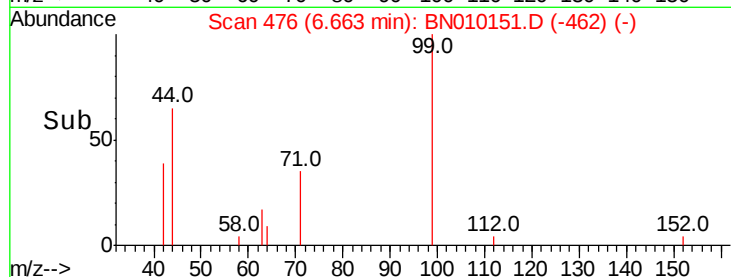
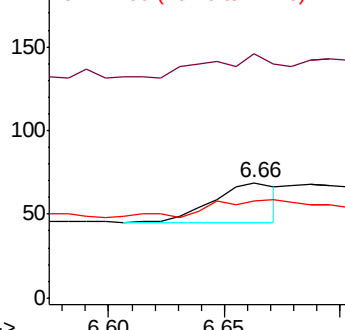


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Tgt Ion: 136 Resp: 2290

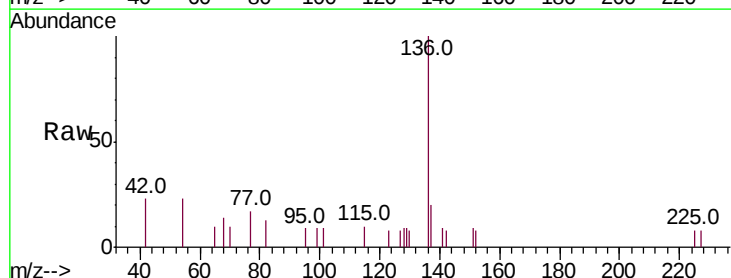
Ion Ratio Lower Upper

136 100

137 19.6 11.3 16.9#

54 22.8 13.4 20.2#

68 14.4 7.0 10.4#



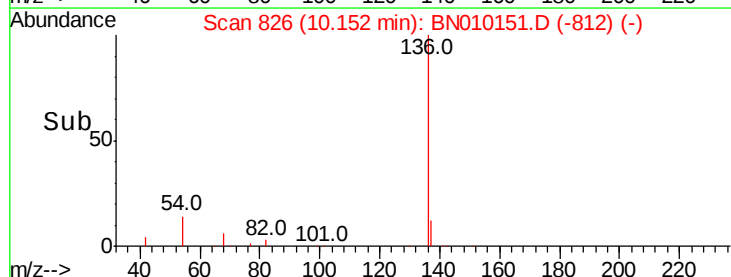
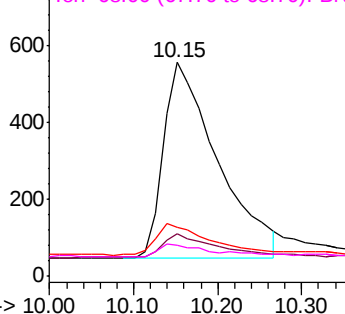
Abundance

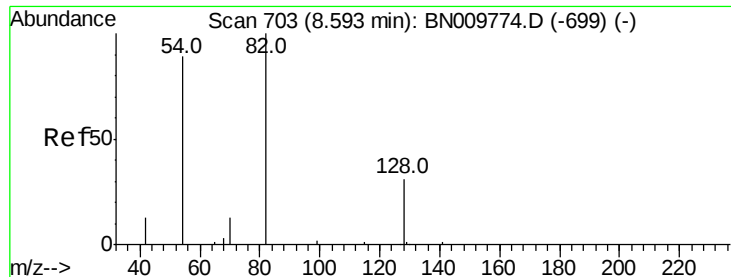
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.262 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampleId :

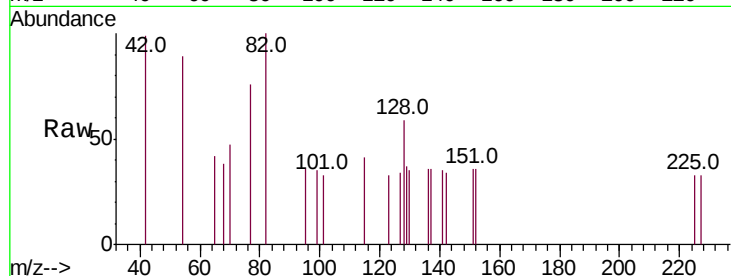
Tot Ion: 82 Resp: 500

Ion Ratio Lower Upper

82 100

128 58.5 32.5 48.7#

54 88.9 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN009774.D (-699) (-)

Ion 128.00 (127.70 to 128.70): BN009774.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-699) (-)

8.66

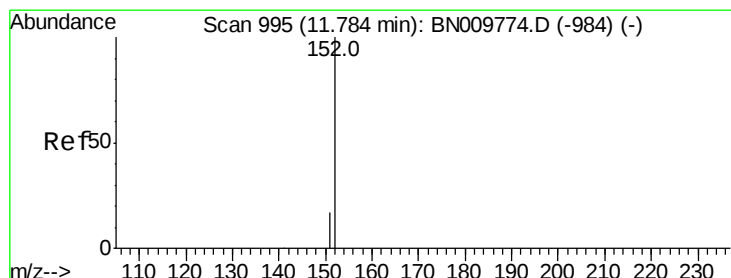
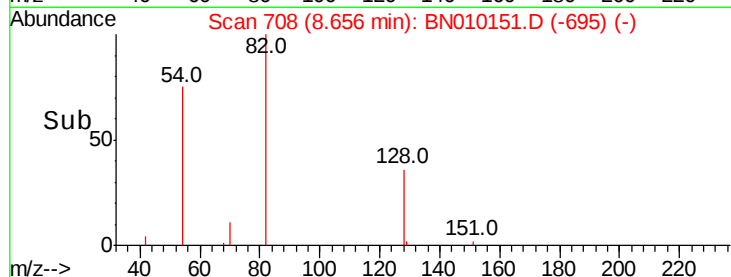
100

50

0

8.50 8.60 8.70

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN010151.D

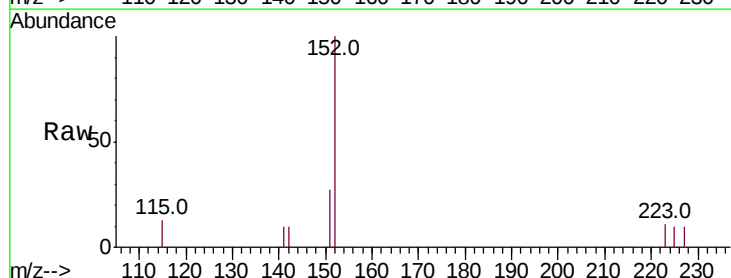
Acq: 09 Mar 2020 18:43

Tgt Ion: 152 Resp: 1509

Ion Ratio Lower Upper

152 100

151 16.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN009774.D (-984) (-)

Ion 151.00 (150.70 to 151.70): BN009774.D (-984) (-)

11.76

500

400

300

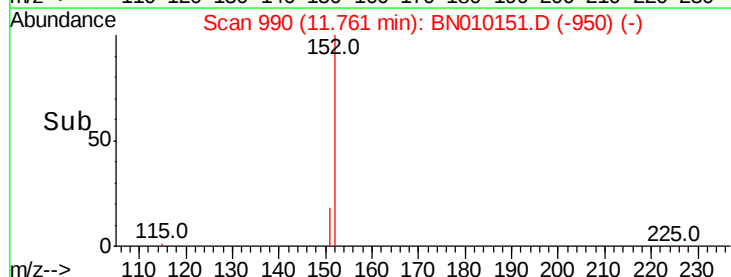
200

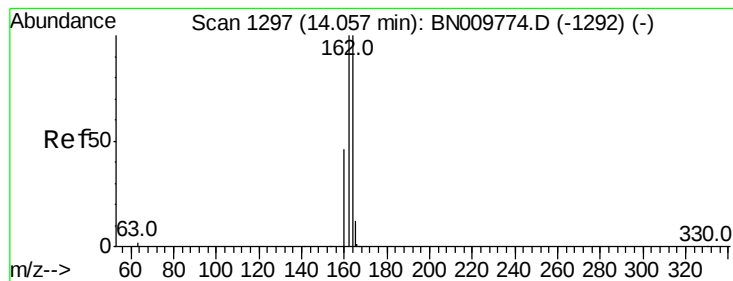
100

0

11.60 11.70 11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampled :

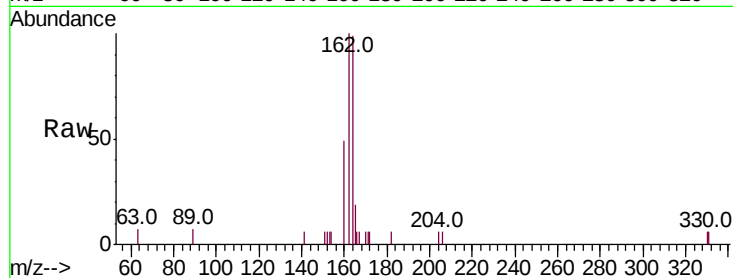
Tot Ion:164 Resp: 1700

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

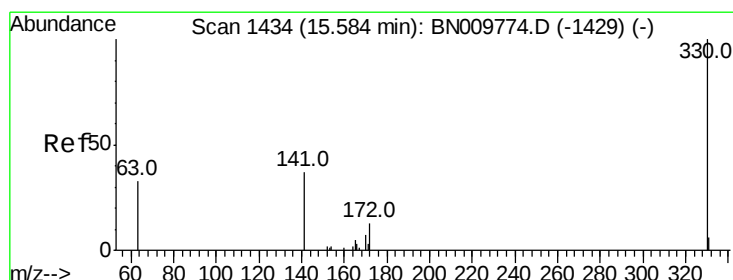
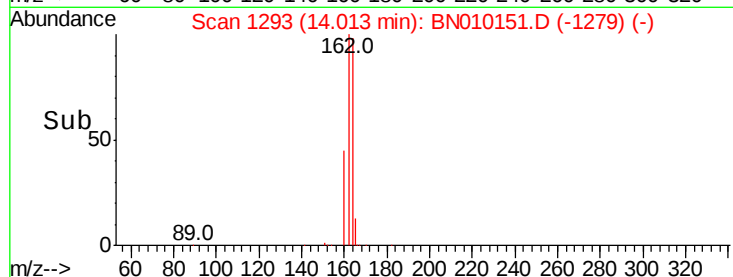
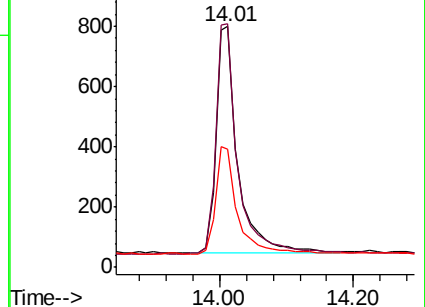
160 49.2 38.2 57.2



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: 0.435 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

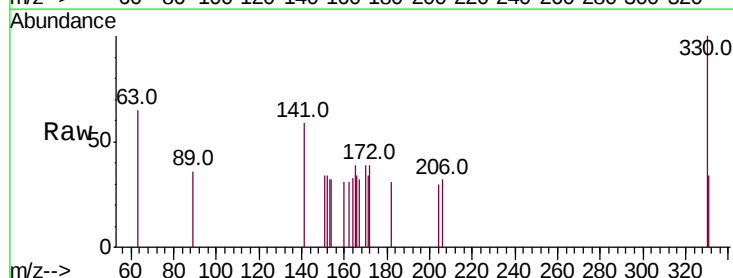
Tgt Ion:330 Resp: 285

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

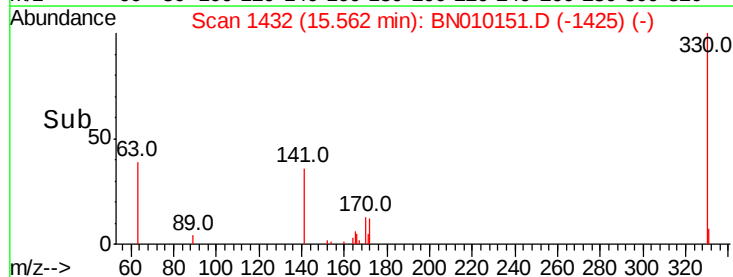
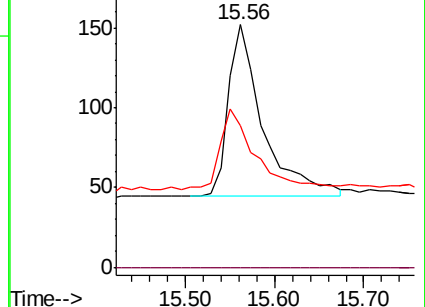
141 48.4 36.8 55.2

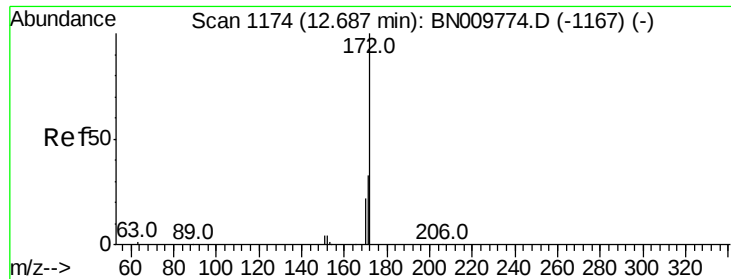


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

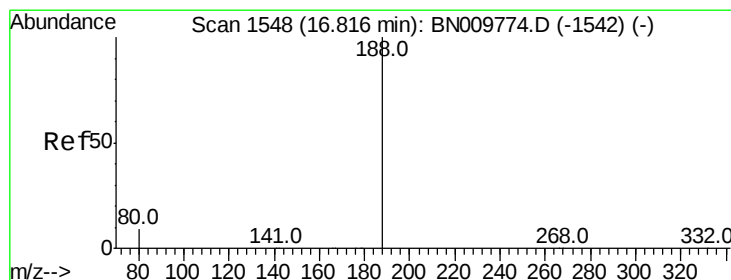
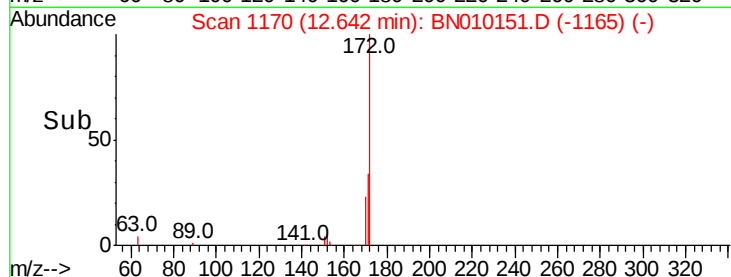
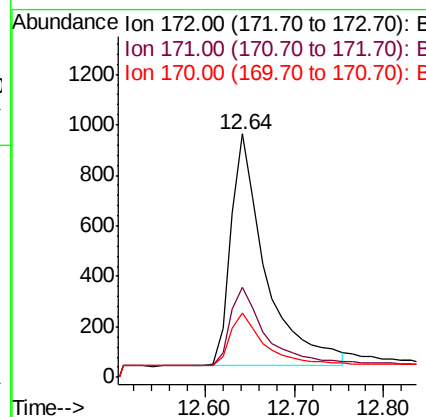
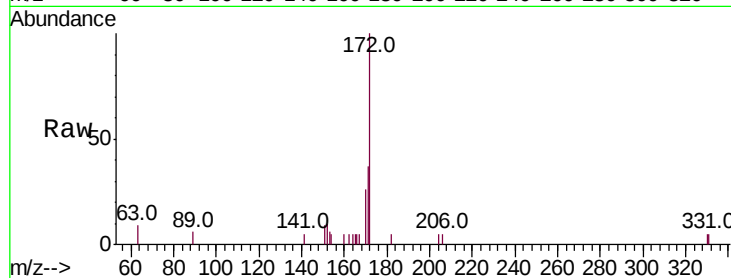




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

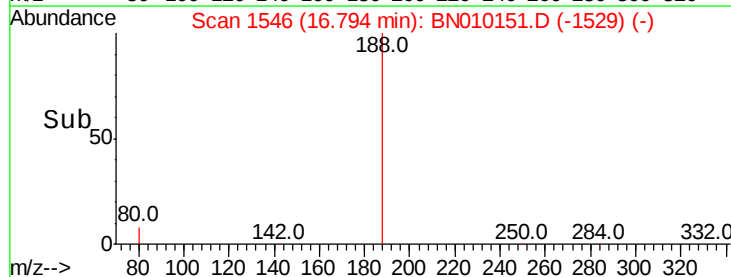
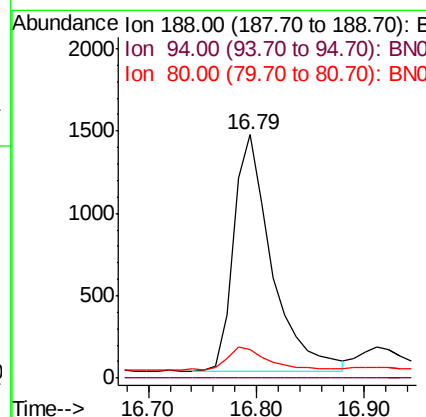
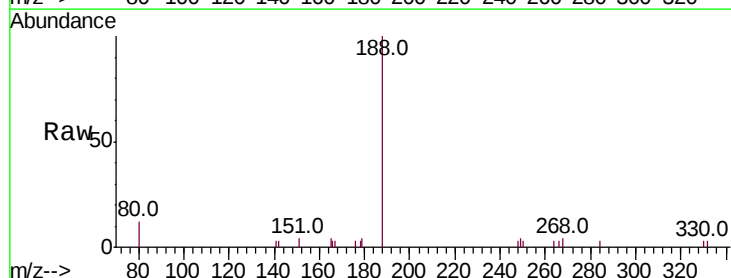
Instrument :
BNA_N
ClientSampleId :

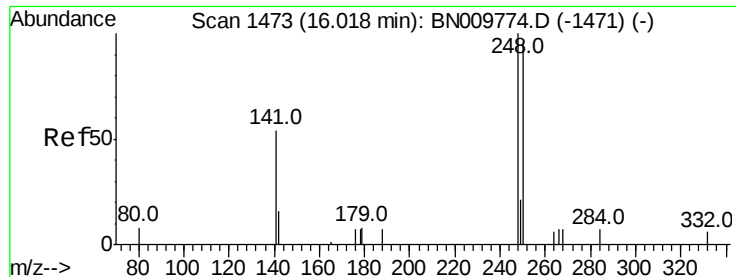
Tot Ion:172 Resp: 2493
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 26.3 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010151.D
Acq: 09 Mar 2020 18:43

Tgt Ion:188 Resp: 3478
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.3 12.5





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampled :

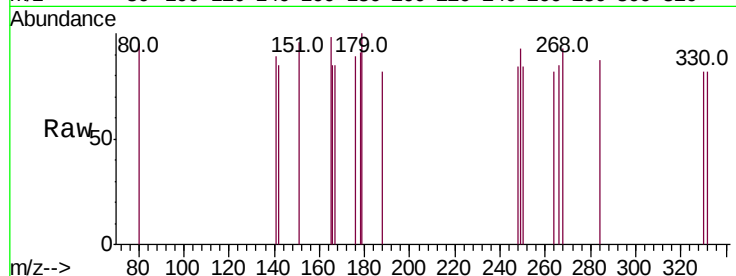
Tot Ion:248 Resp: 118

Ion Ratio Lower Upper

248 100

250 100.0 76.2 114.4

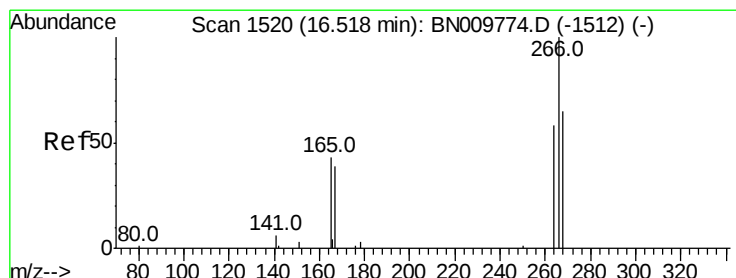
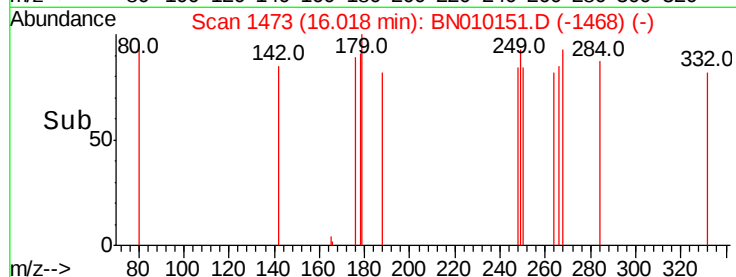
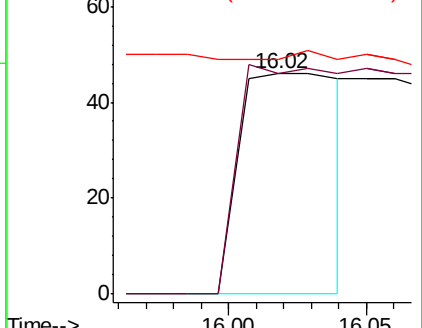
141 106.5 57.8 86.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Pentachlorophenol

Concen: 0.258 ng

RT: 16.49 min Scan# 1517

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

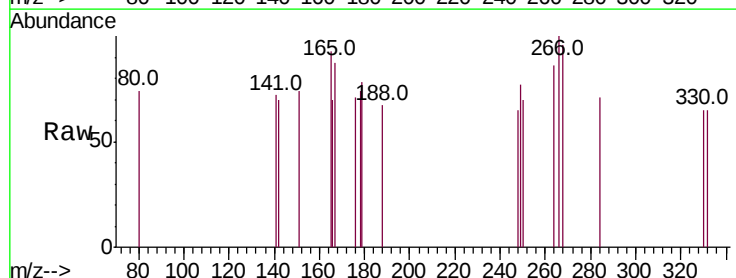
Tgt Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

264 85.5 58.1 87.1

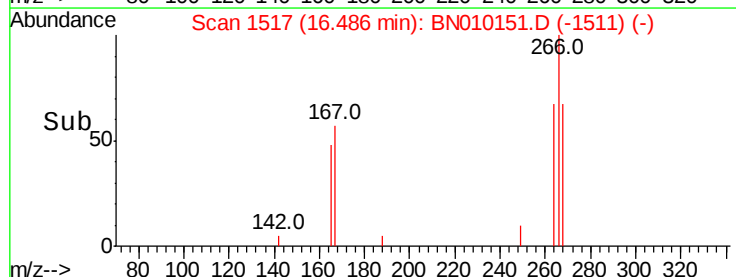
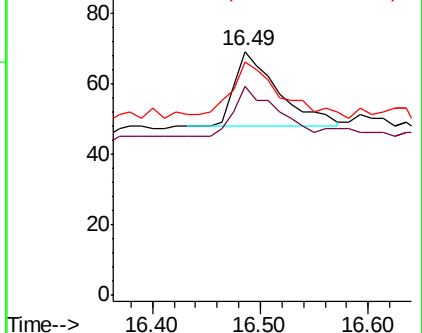
268 95.7 65.7 98.5

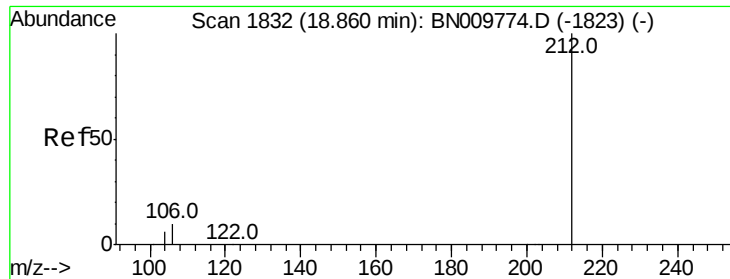


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampleId :

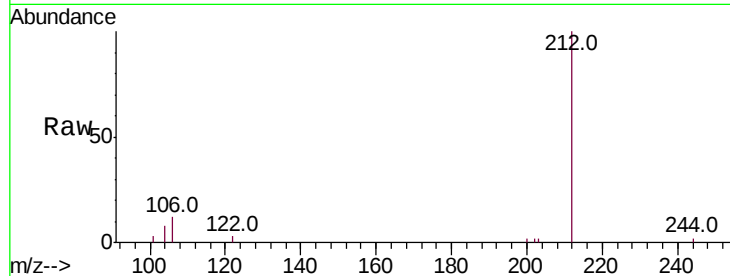
Tot Ion:212 Resp: 4319

Ion Ratio Lower Upper

212 100

106 10.9 8.4 12.6

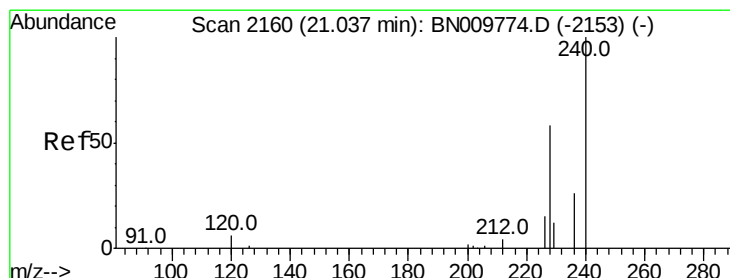
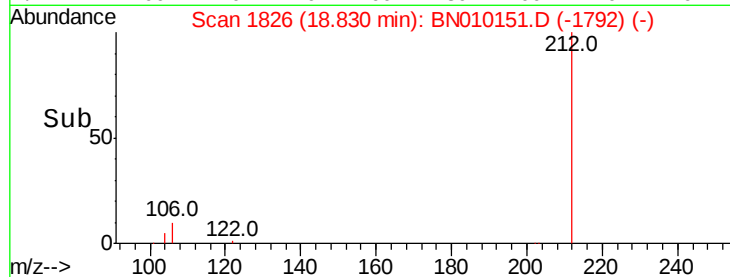
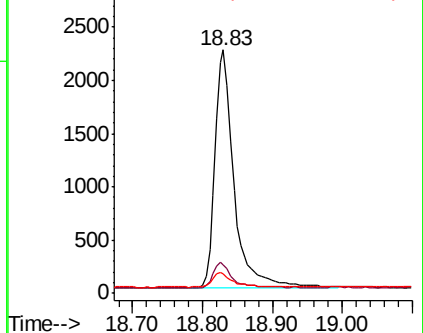
104 6.6 4.8 7.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

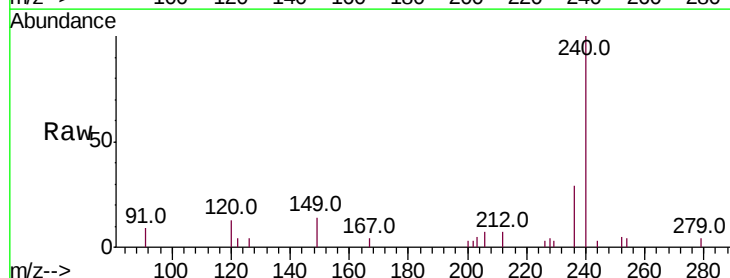
Tgt Ion:240 Resp: 3589

Ion Ratio Lower Upper

240 100

120 13.3 7.9 11.9#

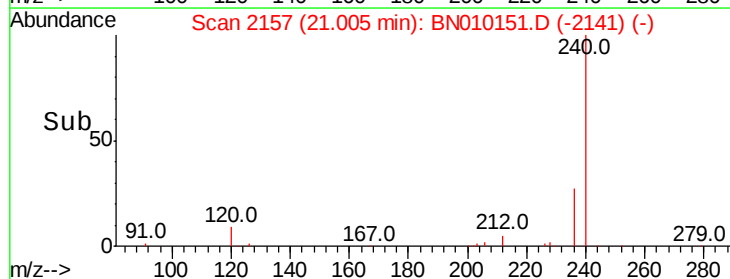
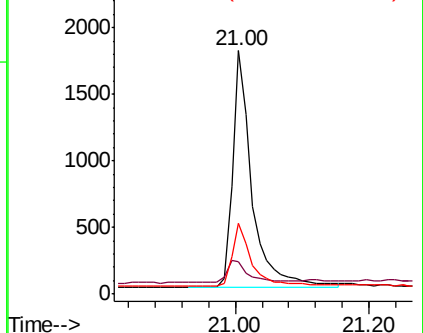
236 29.0 22.0 33.0

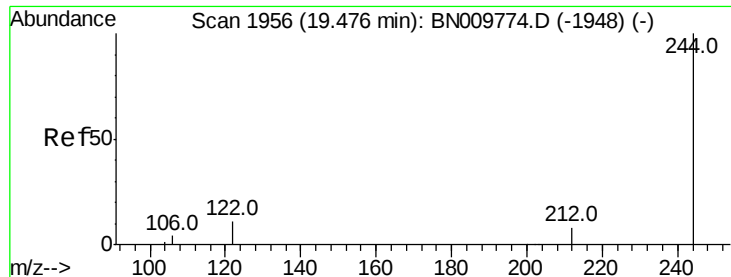


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.492 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampleId :

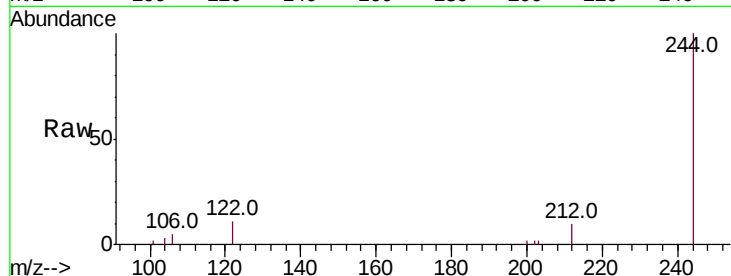
Tot Ion:244 Resp: 4217

Ion Ratio Lower Upper

244 100

212 9.7 8.0 12.0

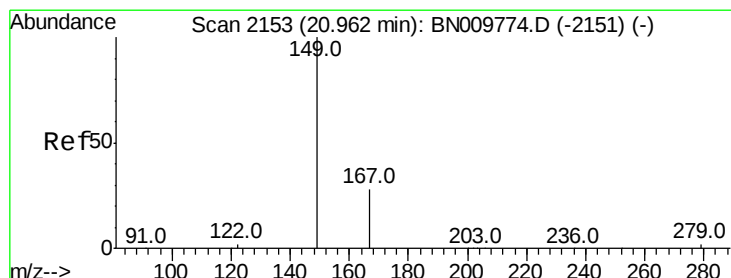
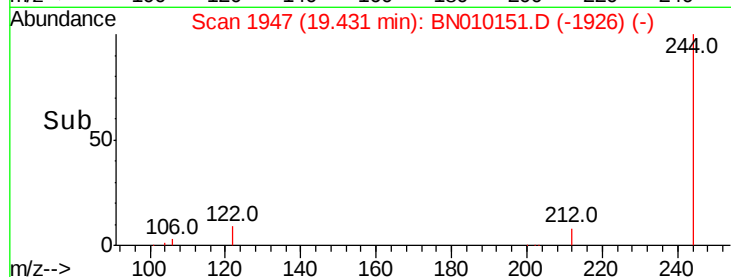
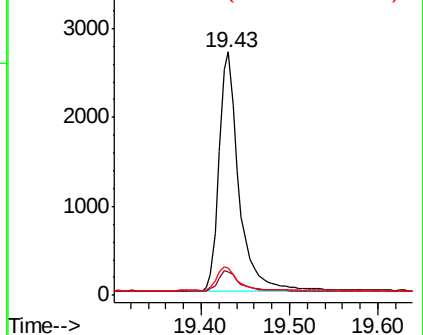
122 11.0 10.0 15.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.501 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

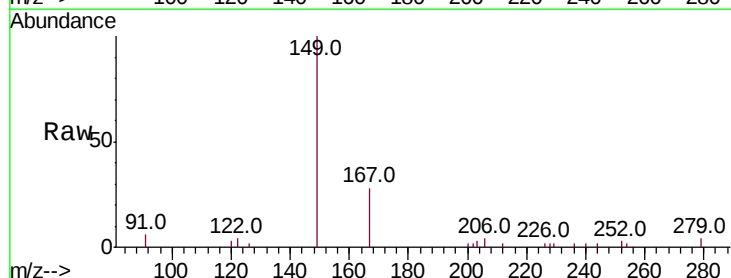
Tgt Ion:149 Resp: 2912

Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

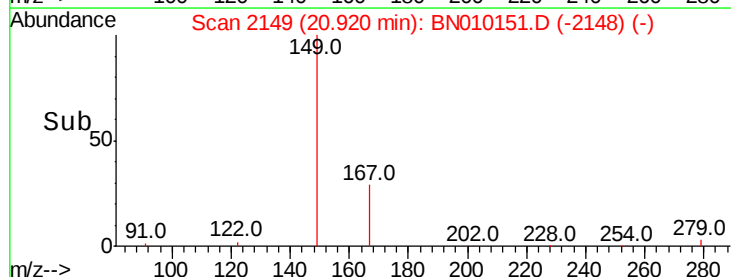
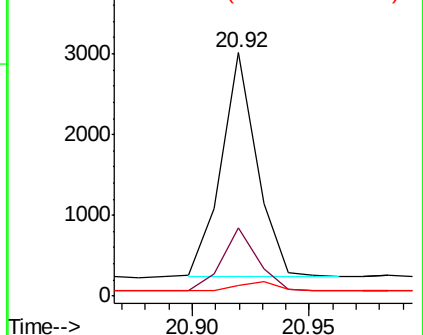
279 4.1 3.1 4.7

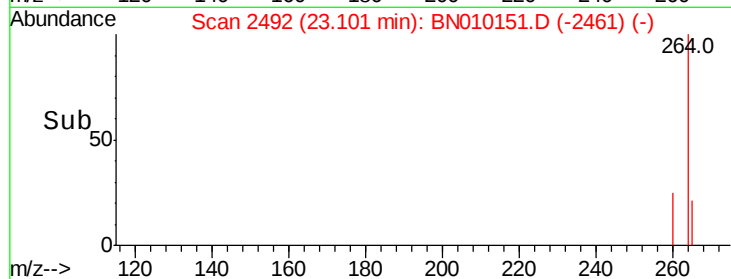
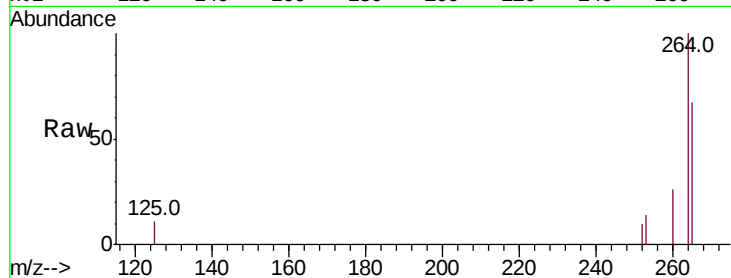
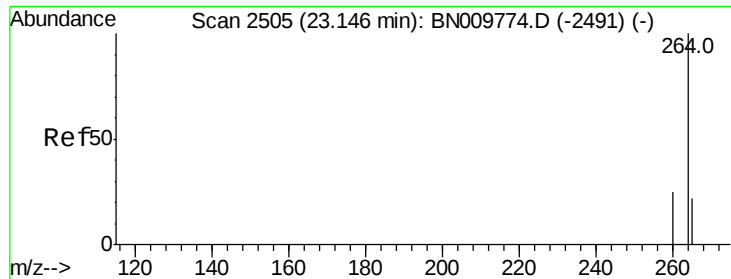


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2492

Delta R.T. -0.04 min

Lab File: BN010151.D

Acq: 09 Mar 2020 18:43

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 3772

Ion Ratio Lower Upper

264 100

260 26.3 21.1 31.7

265 66.6 57.5 86.3

