

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010827.D
 Acq On : 10 Jun 2020 21:03
 Operator : CG/JU
 Sample : L2904-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:45:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

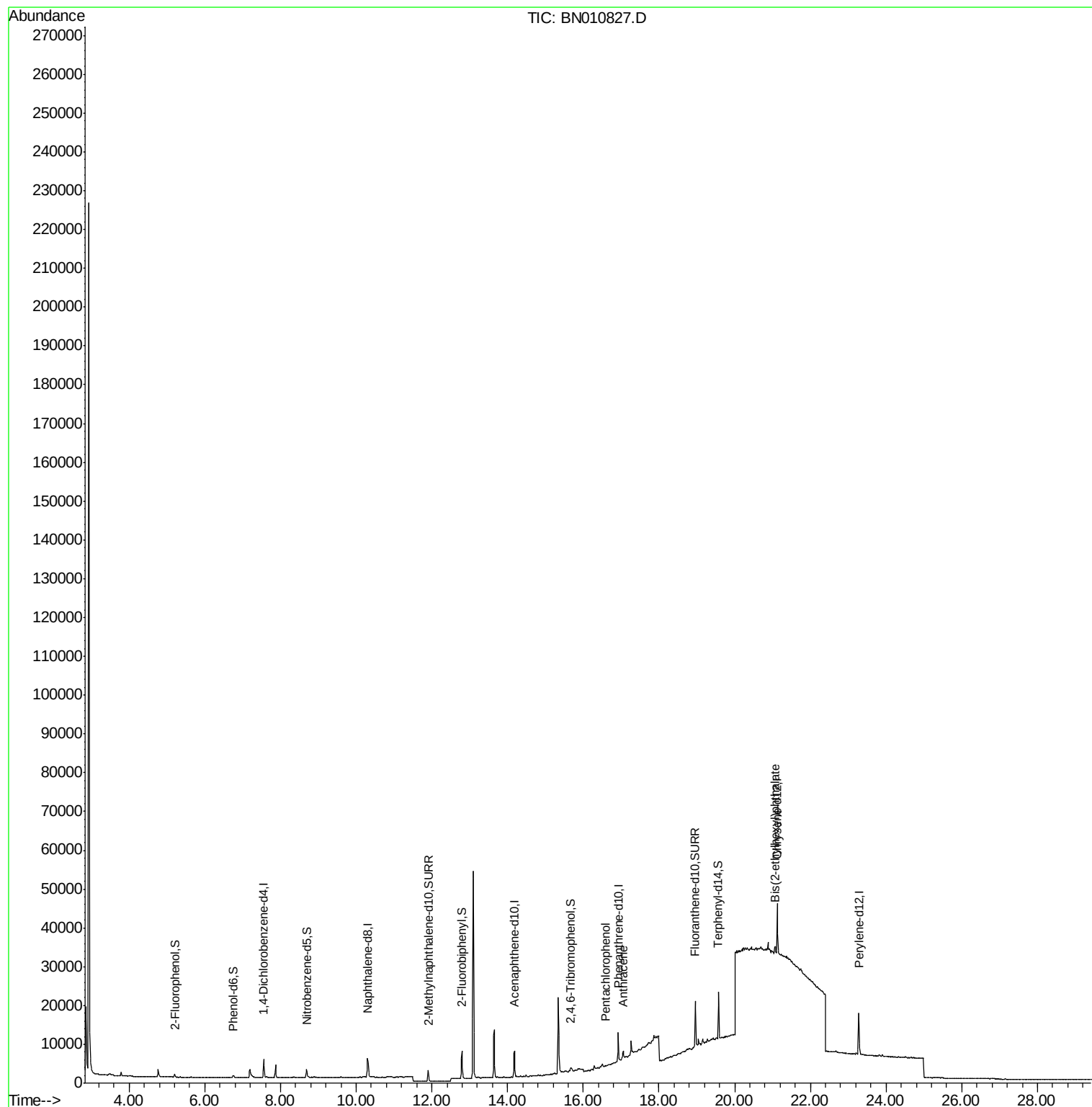
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2282	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	7734	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4403	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10436	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	12095	0.40	ng	0.00
34) Perylene-d12	23.28	264	13558	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	758	0.17	ng	0.00
5) Phenol-d6	6.75	99	535	0.10	ng	0.00
8) Nitrobenzene-d5	8.69	82	2330	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4218	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	707	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	6830	0.39	ng	0.00
25) Fluoranthene-d10	18.96	212	13861	0.48	ng	0.00
29) Terphenyl-d14	19.57	244	12191	0.43	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.59	266	72	0.033	ng	# 67
24) Anthracene	17.06	178	2192	0.092	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.08	149	1687	0.142	ng	# 99

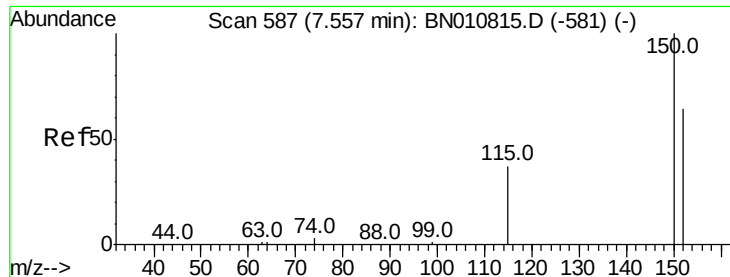
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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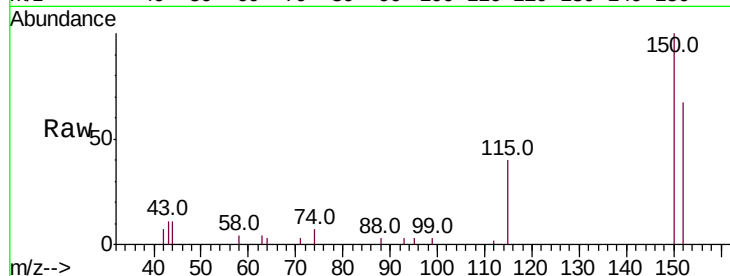


#1

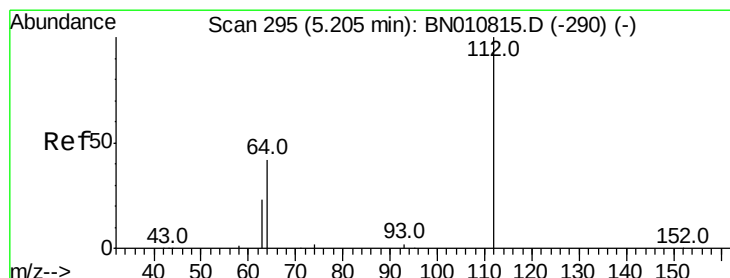
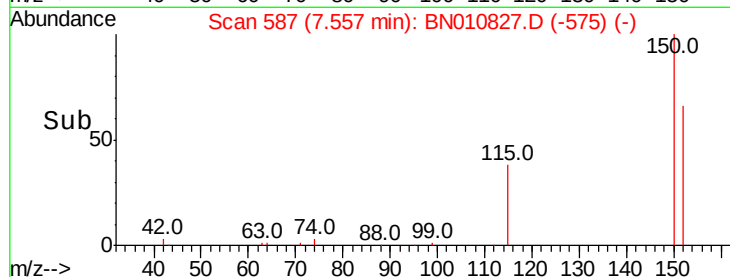
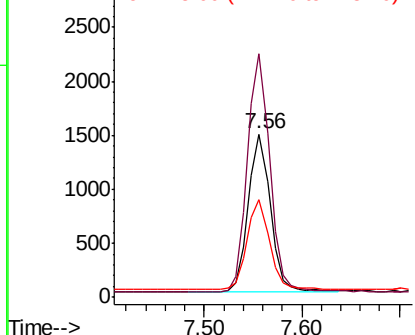
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.00 min
Lab File: BN010827.D
Acq: 10 Jun 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2282
Ion Ratio Lower Upper
152 100
150 149.3 123.8 185.6
115 59.9 49.2 73.8



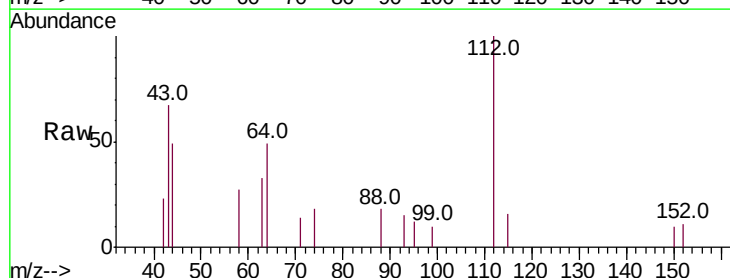
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



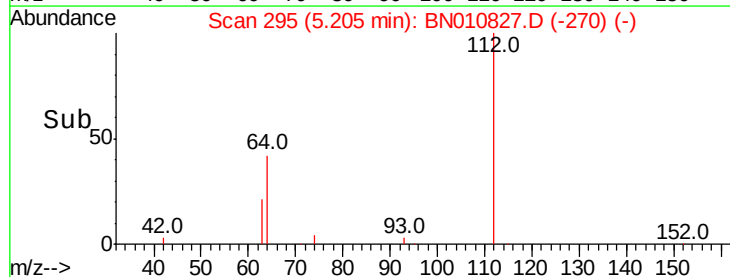
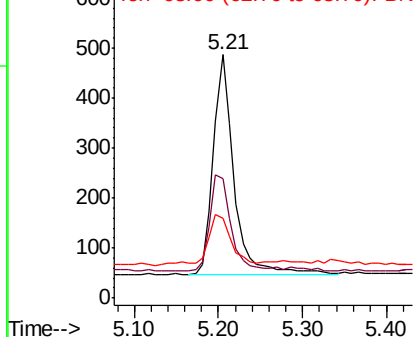
#4

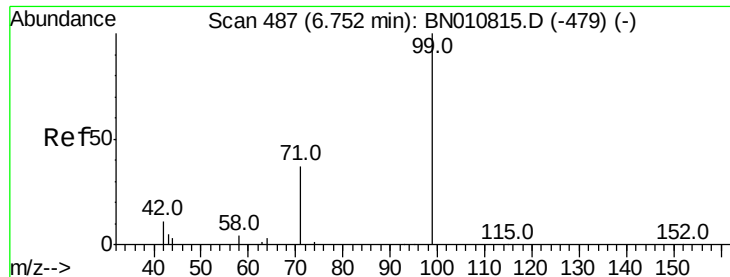
2-Fluorophenol
Concen: 0.172 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010827.D
Acq: 10 Jun 2020 21:03

Tgt Ion:112 Resp: 758
Ion Ratio Lower Upper
112 100
64 45.0 37.4 56.0
63 25.7 22.2 33.4



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: 0.103 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Instrument :

BNA_N

ClientSampleId :

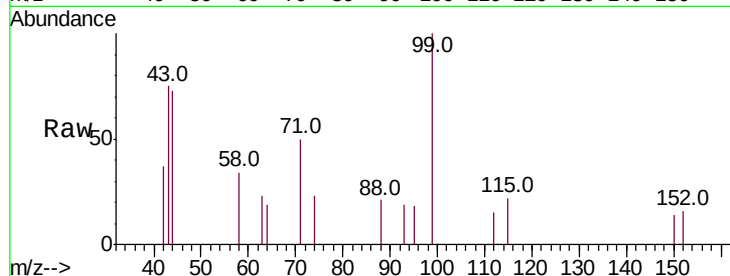
Tot Ion: 99 Resp: 535

Ion Ratio Lower Upper

99 100

42 22.1 11.1 16.7#

71 43.2 31.4 47.2



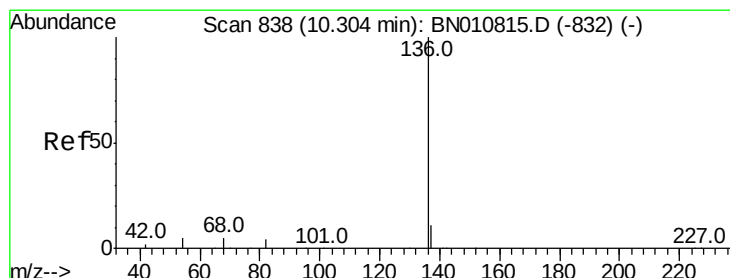
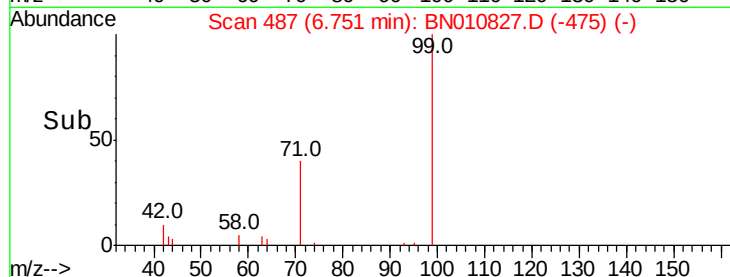
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.75

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Tgt Ion: 136 Resp: 7734

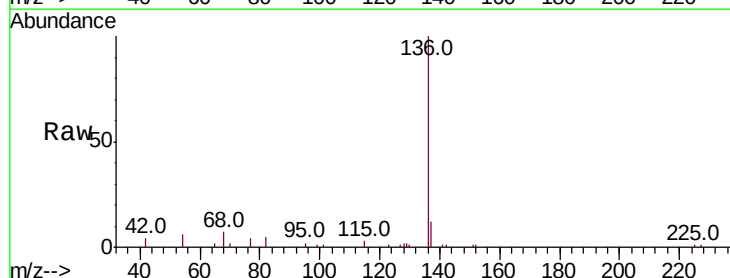
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 5.9 4.9 7.3

68 6.6 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

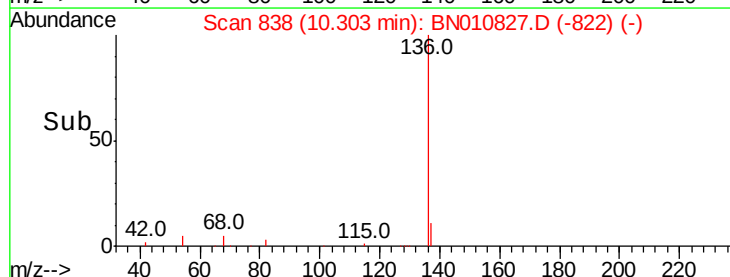
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

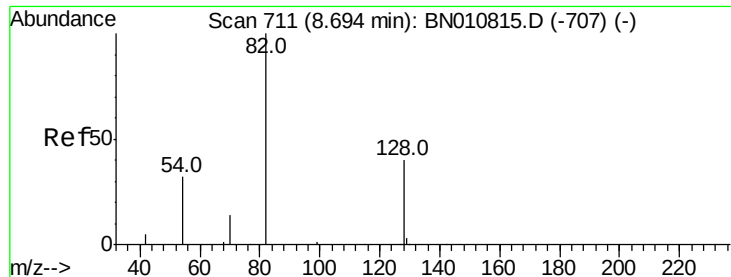
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

10.30

Time-->

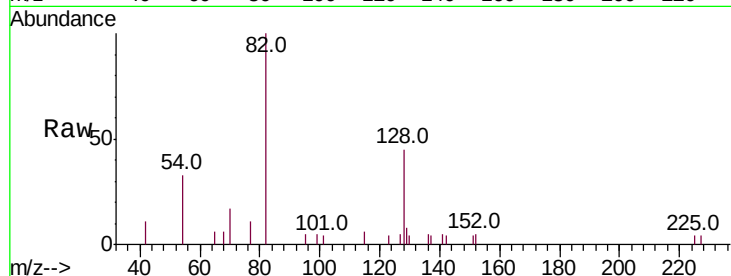




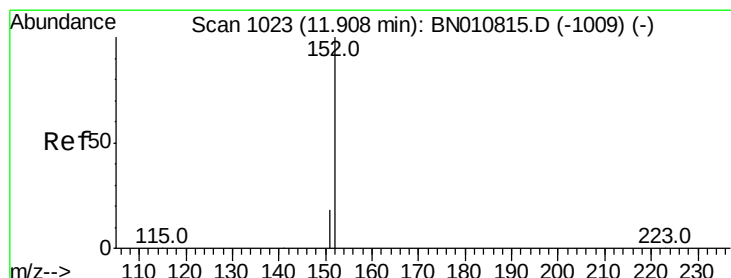
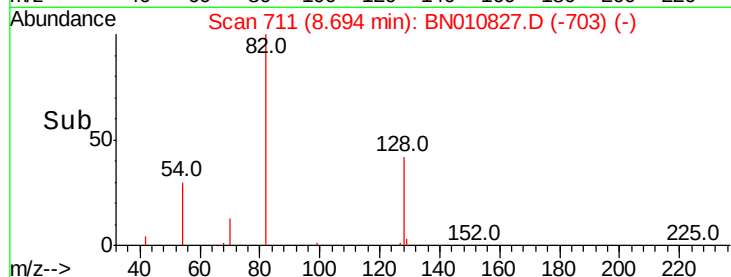
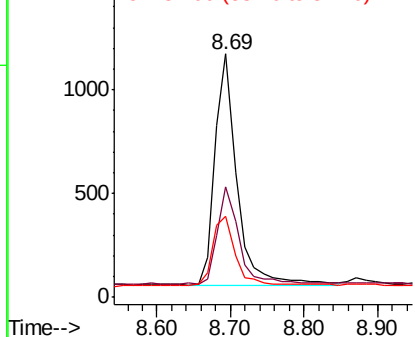
#8
 Nitrobenzene-d5
 Concen: 0.407 ng
 RT: 8.69 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BN010827.D
 Acq: 10 Jun 2020 21:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	2330
Ion Ratio	Lower	Upper	
82	100		
128	45.2	35.4	53.0
54	33.2	28.2	42.4

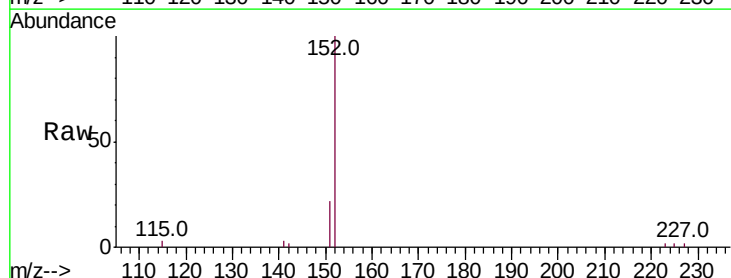


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

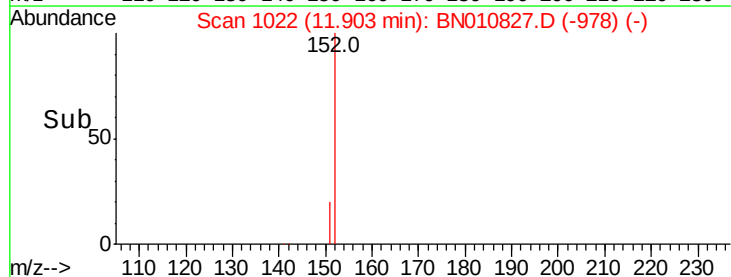
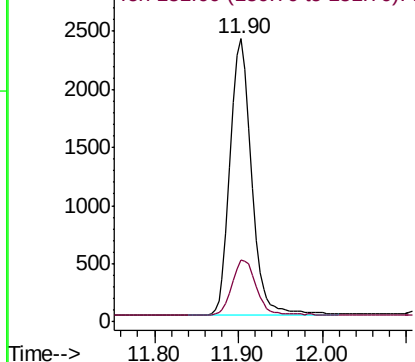


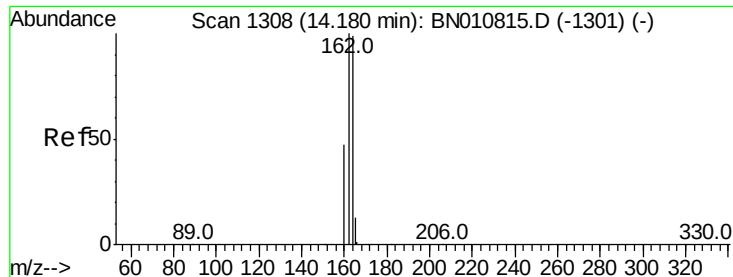
#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BN010827.D
 Acq: 10 Jun 2020 21:03

Tgt Ion	152	Resp	4218
Ion Ratio	Lower	Upper	
152	100		
151	22.6	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Instrument :

BNA_N

ClientSampleId :

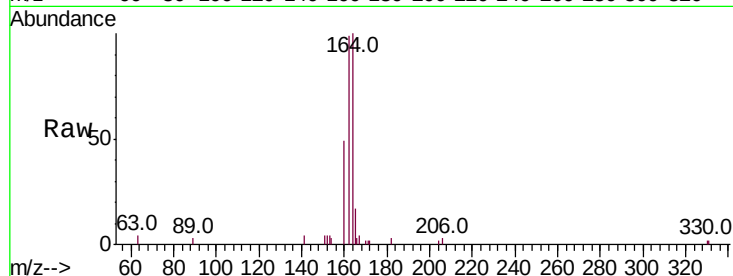
Tot Ion:164 Resp: 4403

Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.6

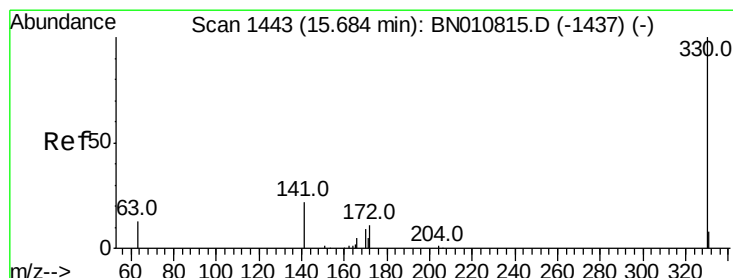
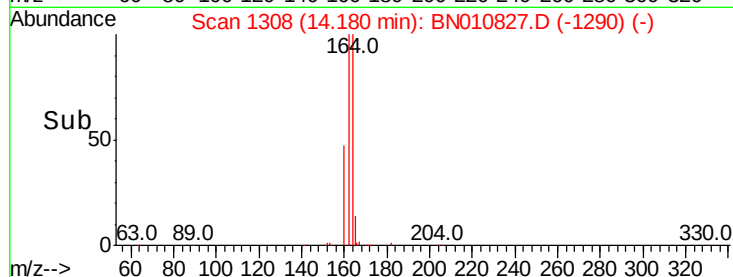
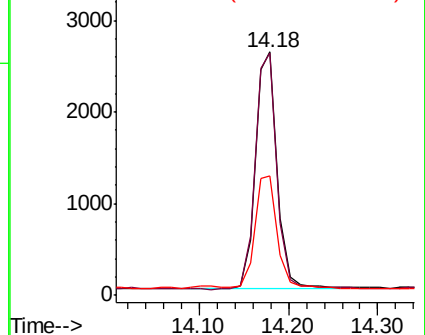
160 48.9 38.9 58.3



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: 0.449 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

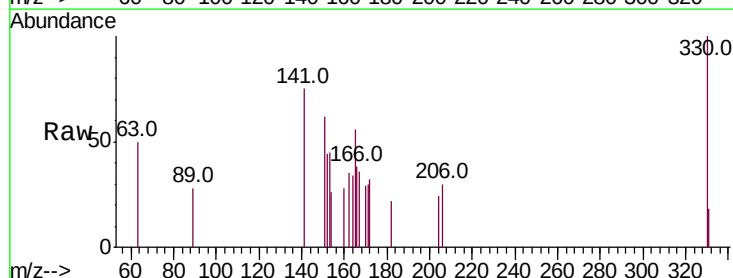
Tgt Ion:330 Resp: 707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

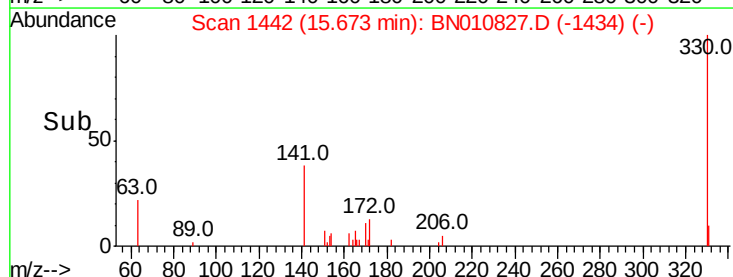
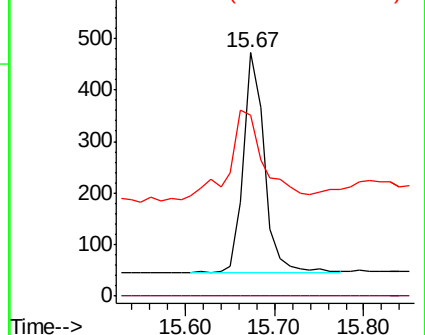
141 56.4 33.2 49.8#

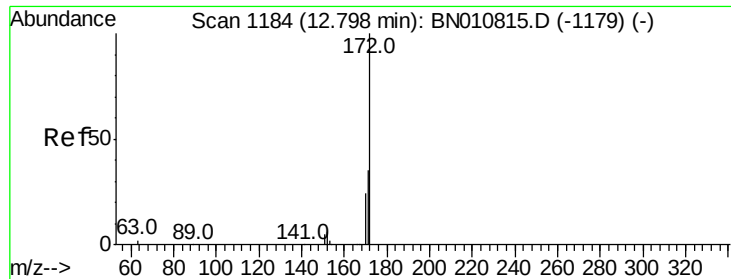


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

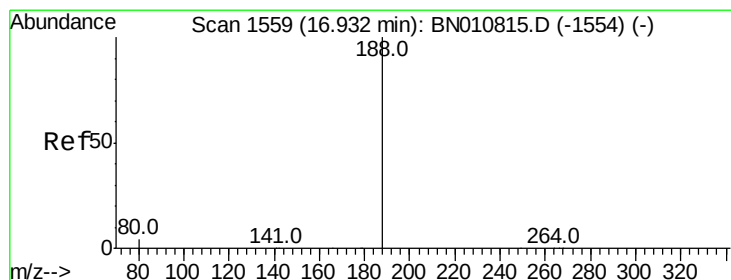
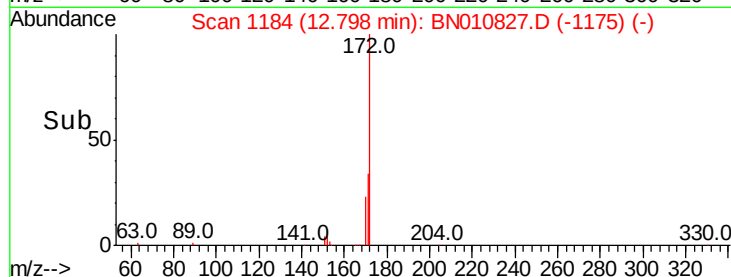
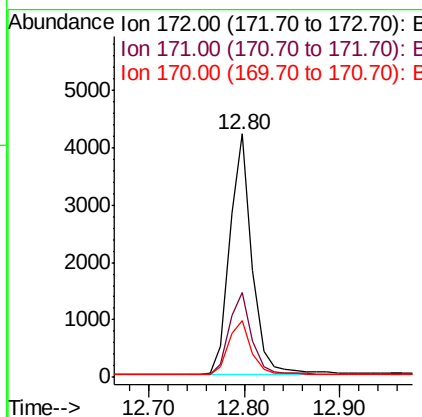
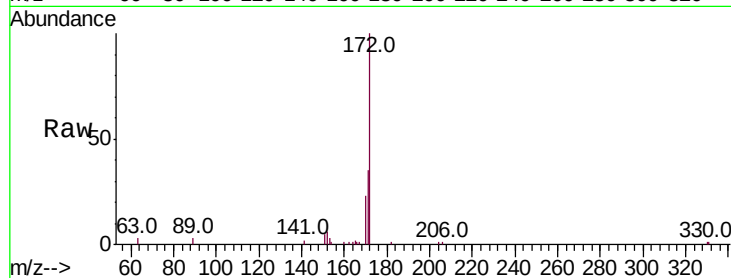




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010827.D
Acq: 10 Jun 2020 21:03

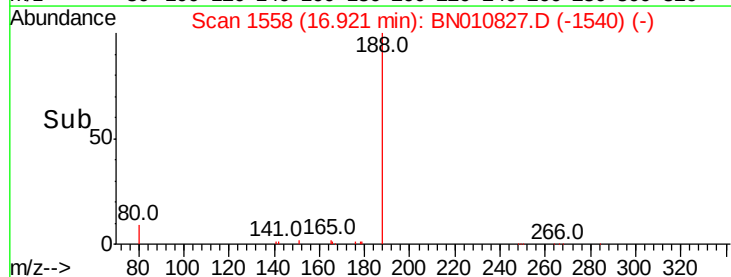
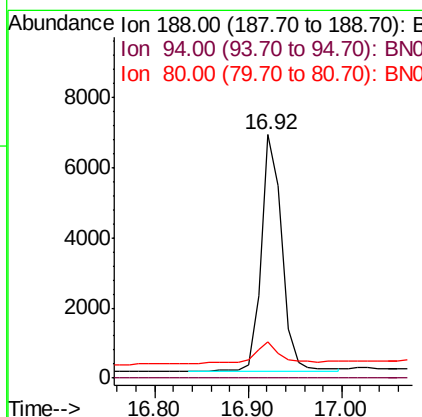
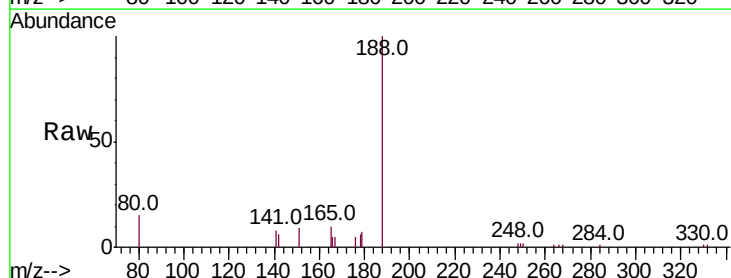
Instrument :
BNA_N
ClientSampled :

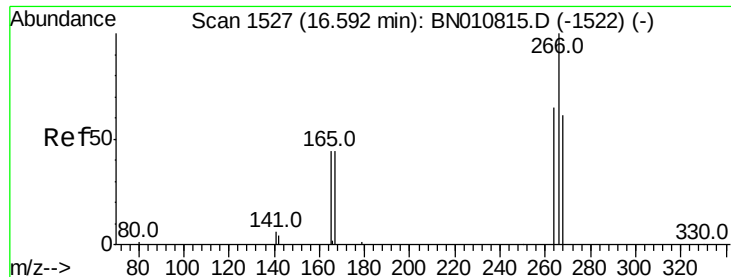
Tot Ion:172 Resp: 6830
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010827.D
Acq: 10 Jun 2020 21:03

Tgt Ion:188 Resp: 10436
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 4.5 6.7#





#22

Pentachlorophenol

Concen: 0.033 ng

RT: 16.59 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Instrument :

BNA_N

ClientSampleId :

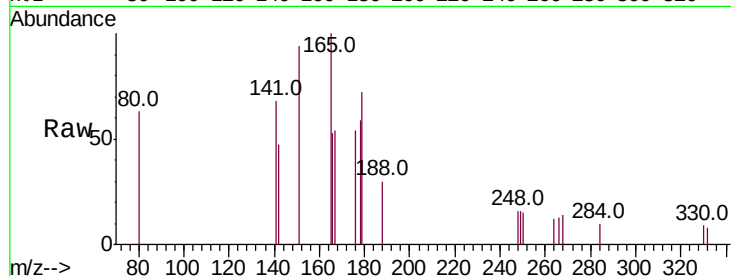
Tot Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 87.7 54.8 82.2#

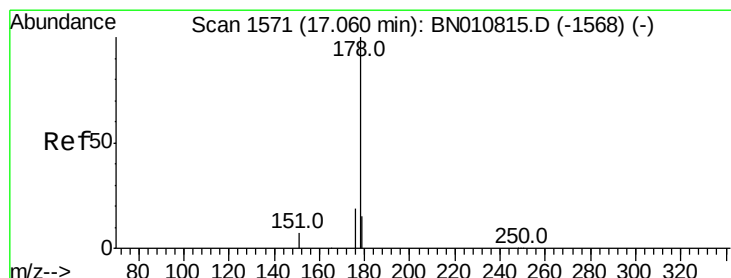
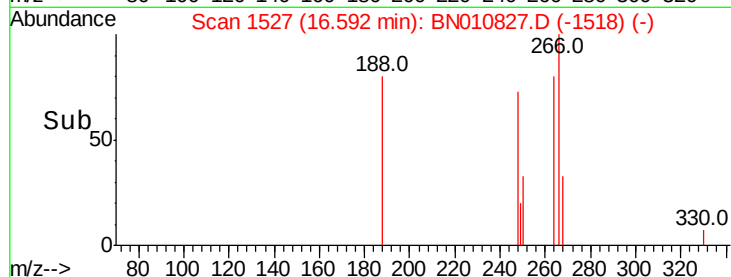
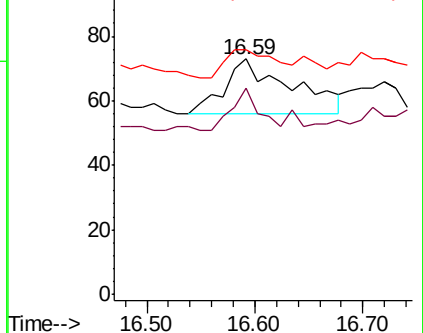
268 104.1 55.9 83.9#



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



#24

Anthracene

Concen: 0.092 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

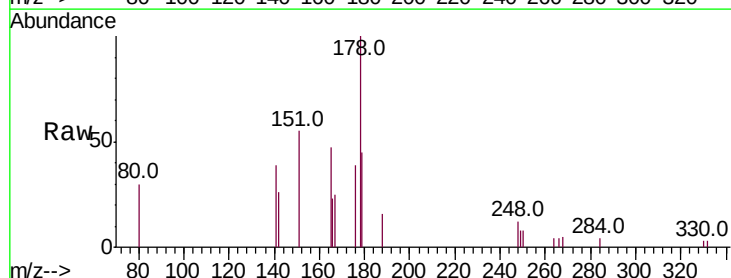
Tgt Ion:178 Resp: 2192

Ion Ratio Lower Upper

178 100

176 22.4 14.6 22.0#

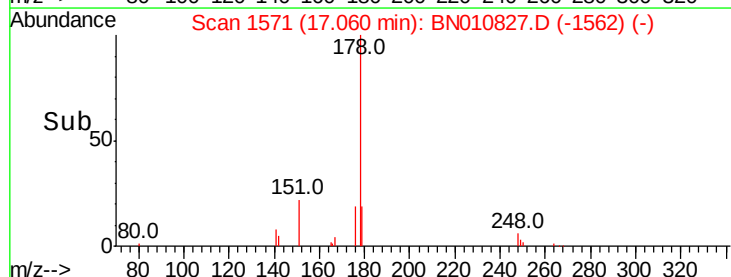
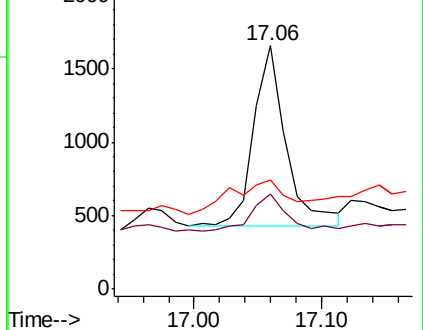
179 30.7 12.3 18.5#

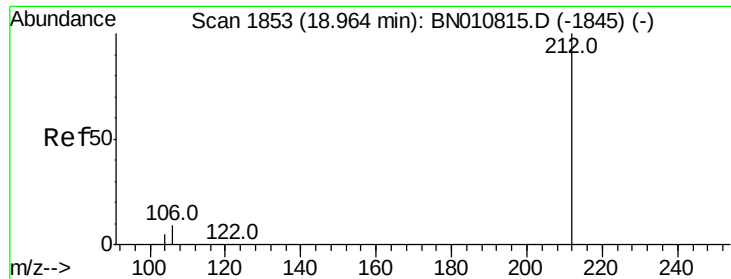


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.481 ng

RT: 18.96 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Instrument :

BNA_N

ClientSampleId :

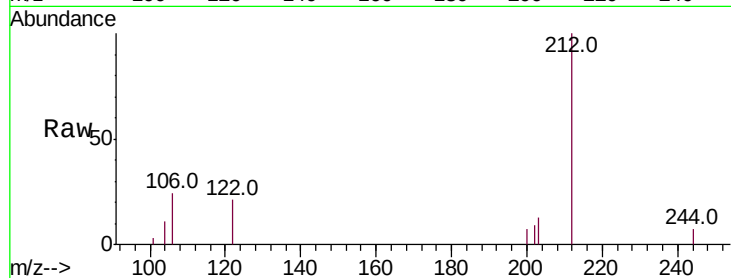
Tot Ion:212 Resp: 13861

Ion Ratio Lower Upper

212 100

106 12.2 6.6 10.0#

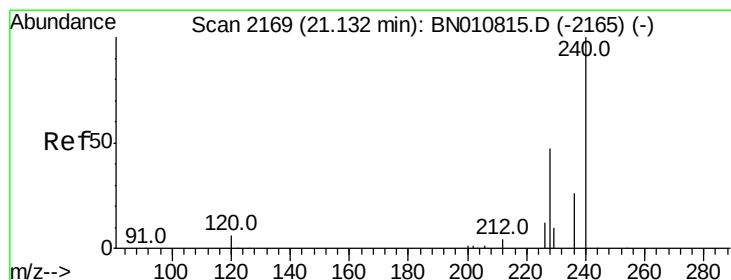
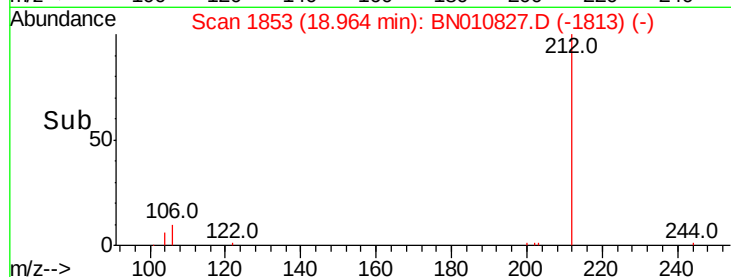
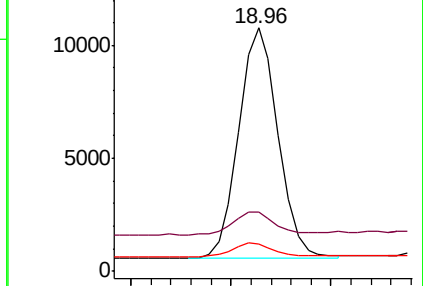
104 5.9 4.0 6.0



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: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

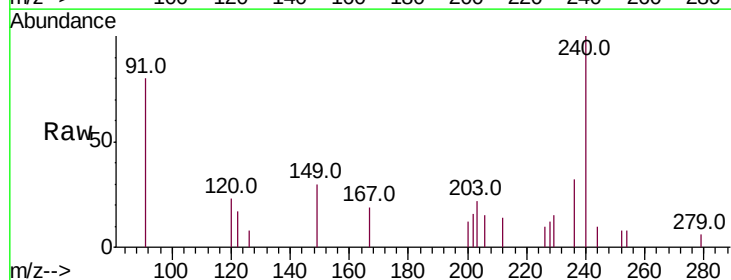
Tgt Ion:240 Resp: 12095

Ion Ratio Lower Upper

240 100

120 23.0 7.5 11.3#

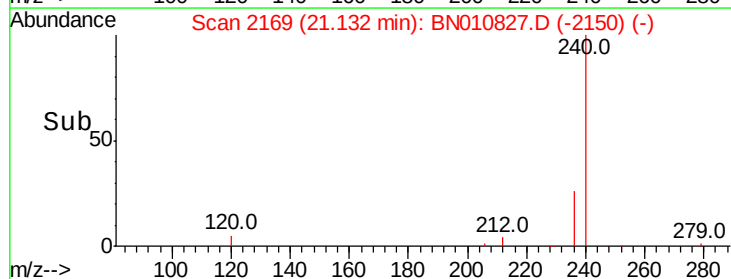
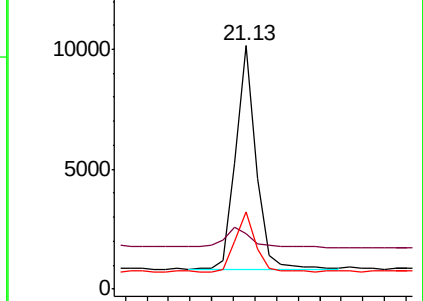
236 31.6 22.3 33.5

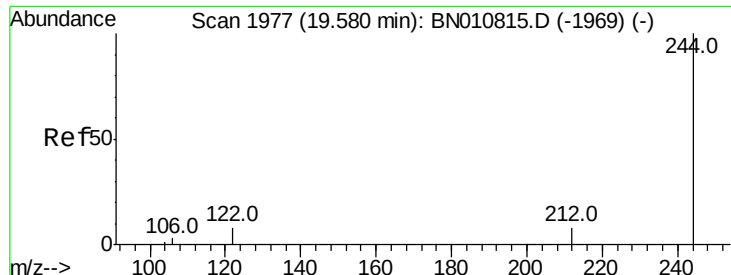


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

Instrument :

BNA_N

ClientSampleId :

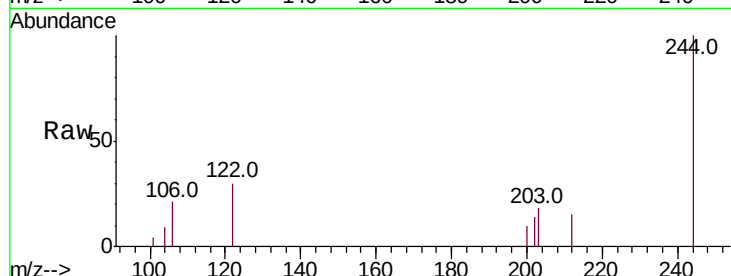
Tot Ion:244 Resp: 12191

Ion Ratio Lower Upper

244 100

212 15.1 7.4 11.2#

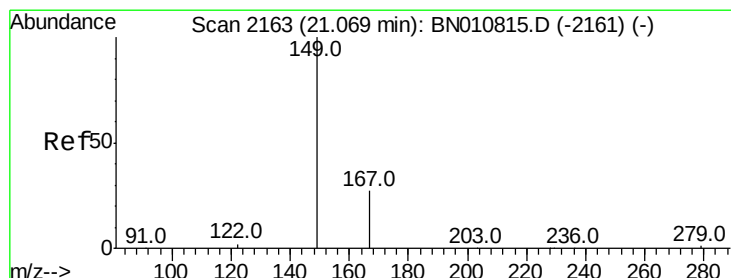
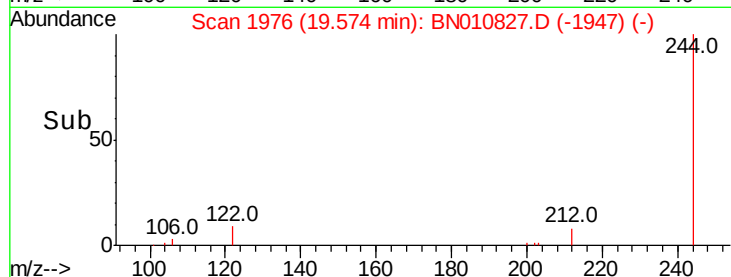
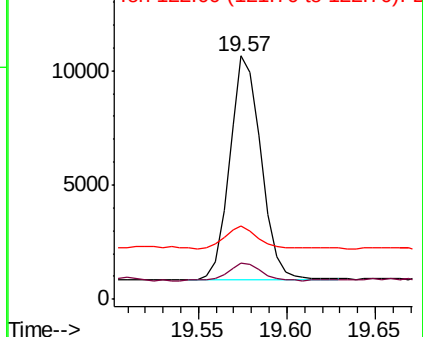
122 29.9 7.5 11.3#



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: 0.142 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010827.D

Acq: 10 Jun 2020 21:03

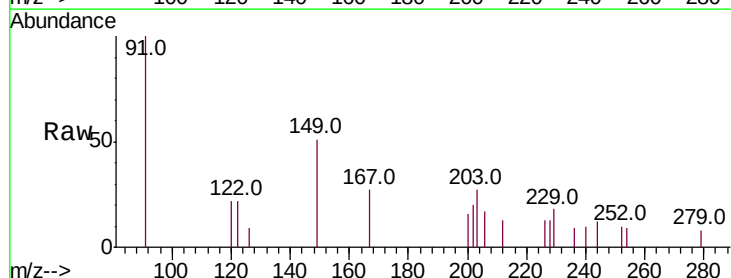
Tgt Ion:149 Resp: 1687

Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

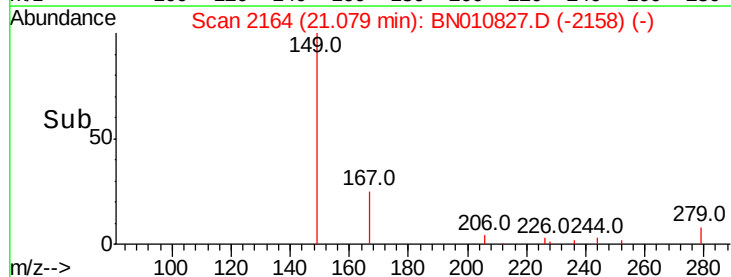
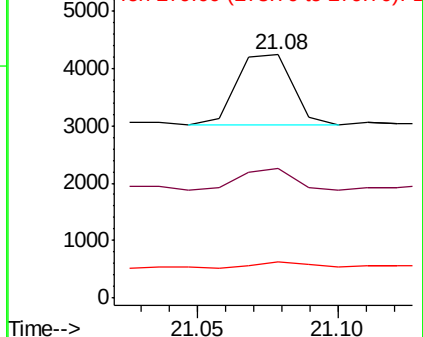
279 4.4 4.6 7.0#

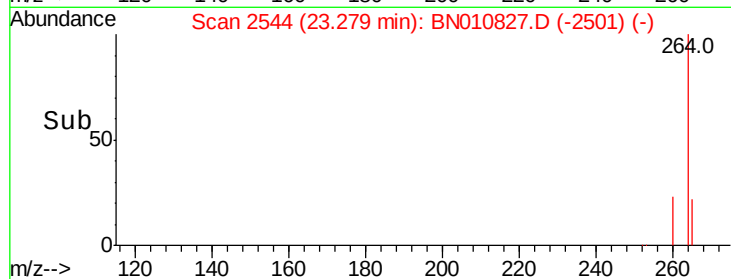
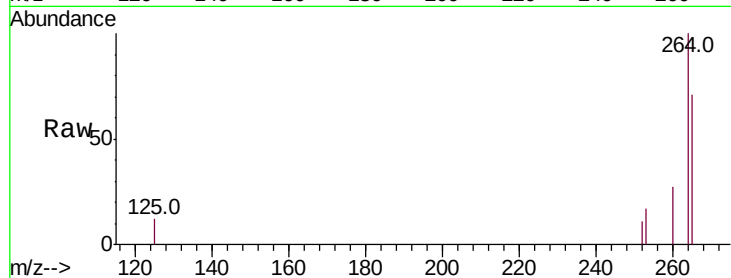
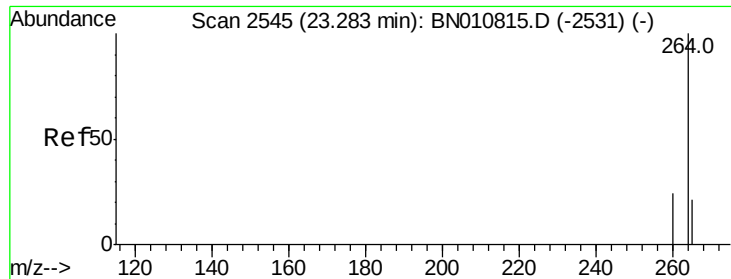


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.28 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BN010827.D
Acq: 10 Jun 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 13558
Ion Ratio Lower Upper
264 100
260 26.9 20.4 30.6
265 70.5 75.0 112.4#

