

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010152.D
 Acq On : 09 Mar 2020 19:19
 Operator : CG/JU
 Sample : L1842-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 22:12:25 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

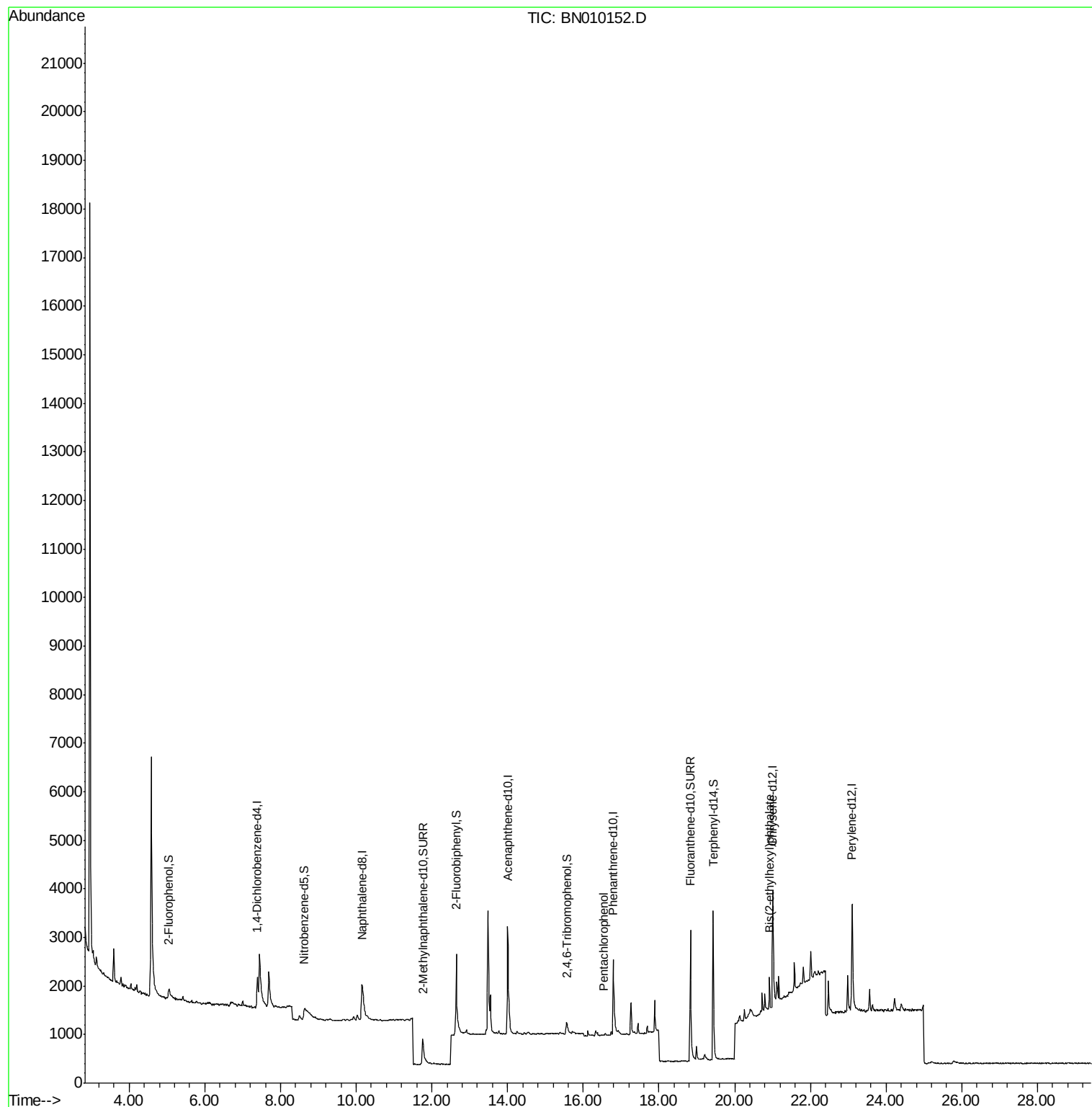
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	721	0.40	ng	-0.03
7) Naphthalene-d8	10.15	136	2301	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1693	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3407	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3507	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3723	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	318	0.20	ng	-0.03
5) Phenol-d6	6.57	99	3	0.00	ng	-0.07
8) Nitrobenzene-d5	8.63	82	501	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.76	152	1597	0.36	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	284	0.44	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2638	0.41	ng	-0.04
25) Fluoranthene-d10	18.83	212	4485	0.38	ng	-0.03
29) Terphenyl-d14	19.43	244	4050	0.48	ng	-0.04
Target Compounds						
20) 4-Bromophenyl-phenylether	16.02	248	118	Below Cal	#	78
22) Pentachlorophenol	16.53	266	4	0.184 ng	#	71
32) Bis(2-ethylhexyl)phthalate	20.92	149	565	0.099 ng	#	94

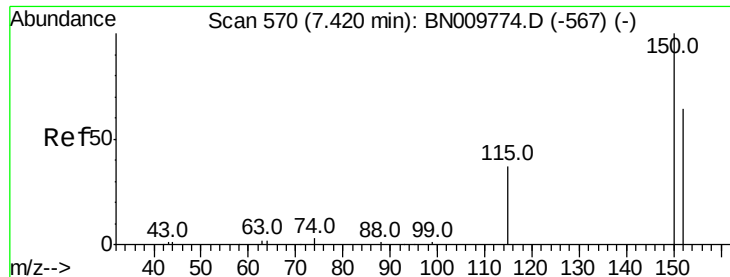
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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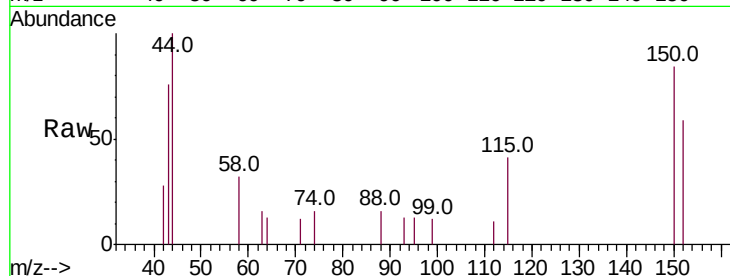


#1

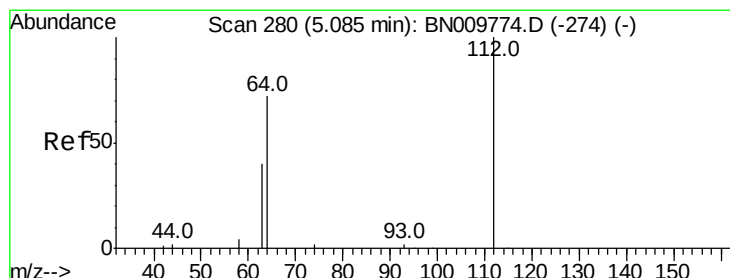
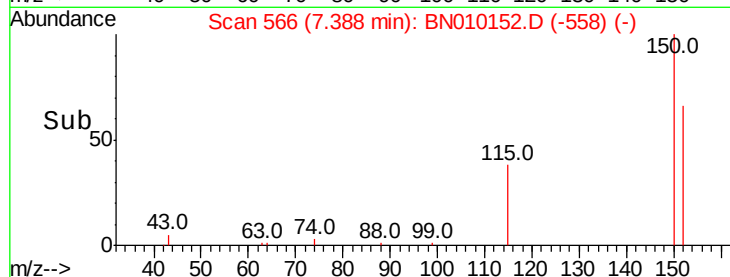
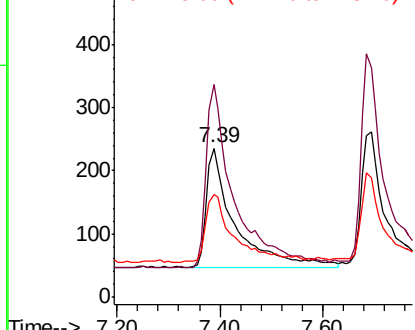
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 142.4 120.6 181.0
115 69.1 51.2 76.8



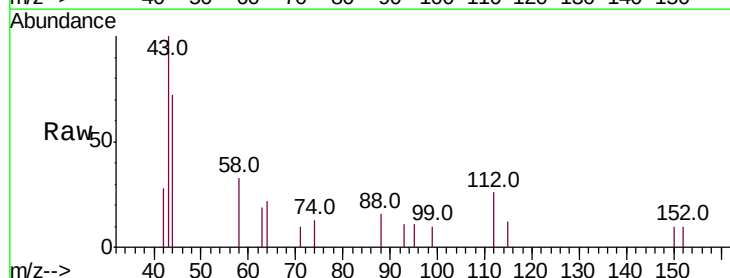
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



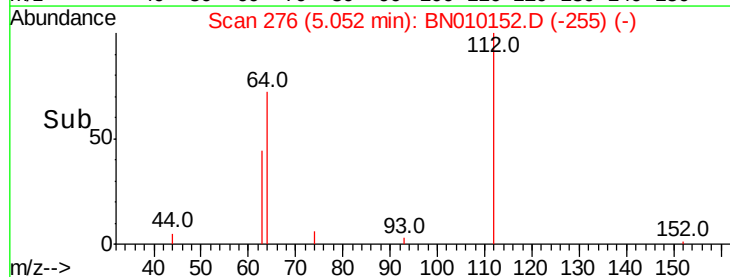
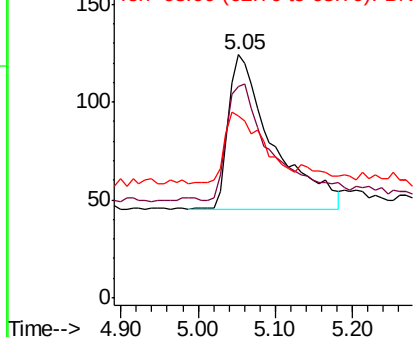
#4

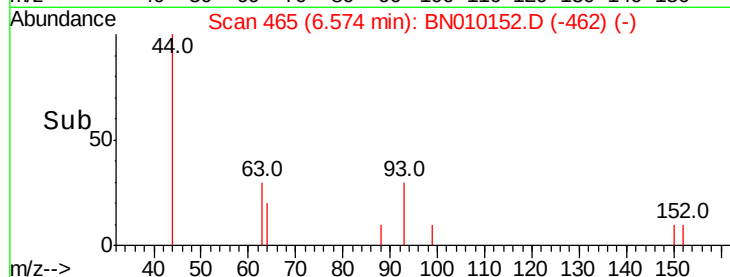
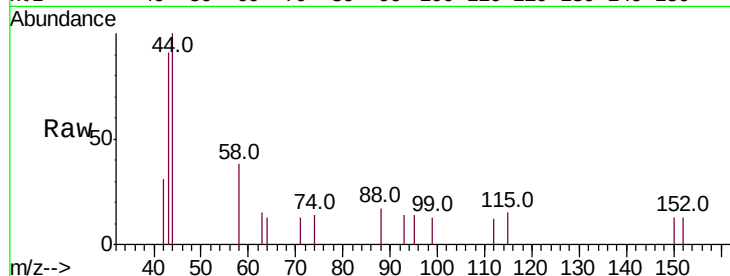
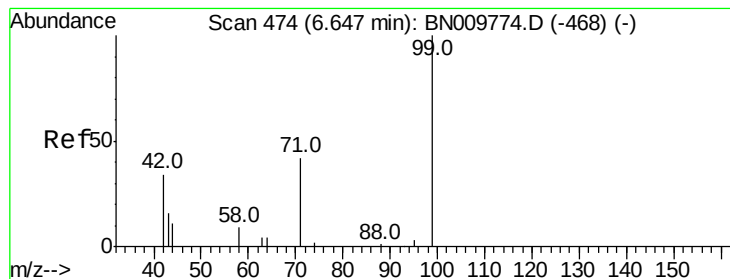
2-Fluorophenol
Concen: 0.198 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion:112 Resp: 318
Ion Ratio Lower Upper
112 100
64 77.0 65.8 98.6
63 39.9 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: 0.002 ng

RT: 6.57 min Scan# 465

Delta R.T. -0.07 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

ClientSampleId :

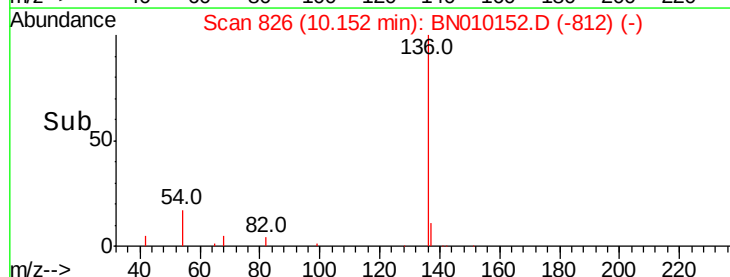
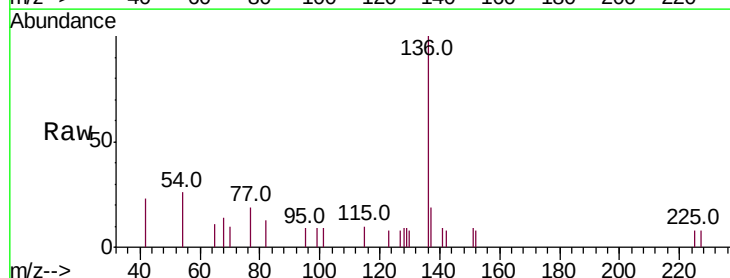
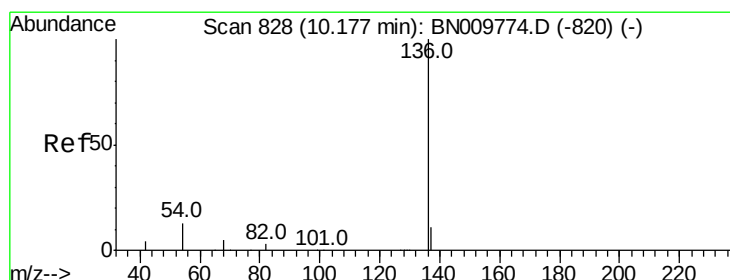
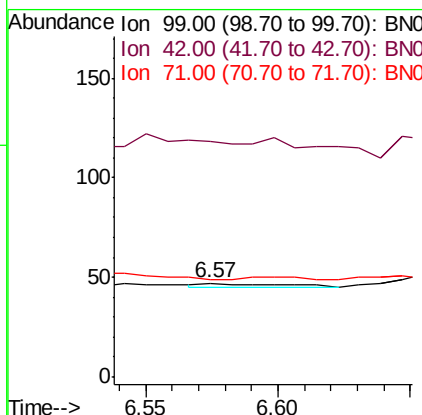
Tot Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 33.3 34.9 52.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Tgt Ion:136 Resp: 2301

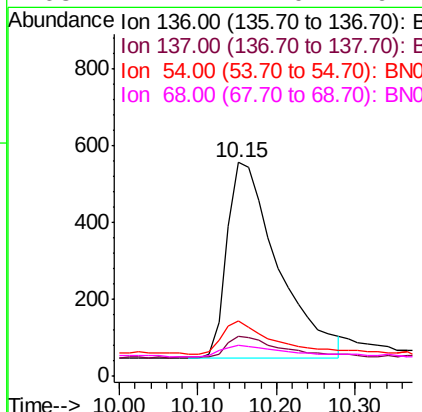
Ion Ratio Lower Upper

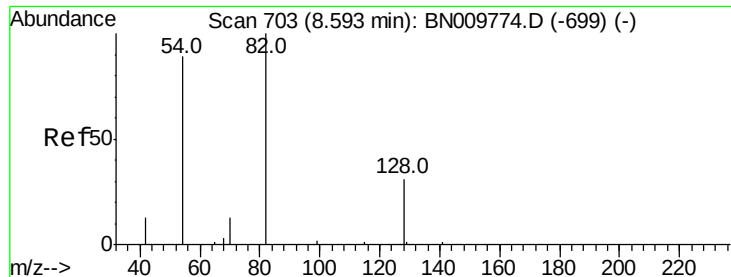
136 100

137 18.5 11.3 16.9#

54 25.5 13.4 20.2#

68 14.2 7.0 10.4#





#8

Nitrobenzene-d5

Concen: 0.262 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

ClientSampleId :

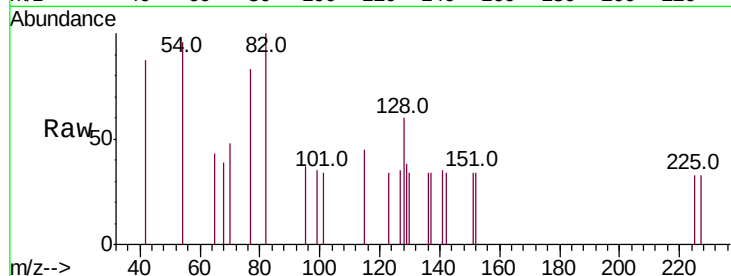
Tot Ion: 82 Resp: 501

Ion Ratio Lower Upper

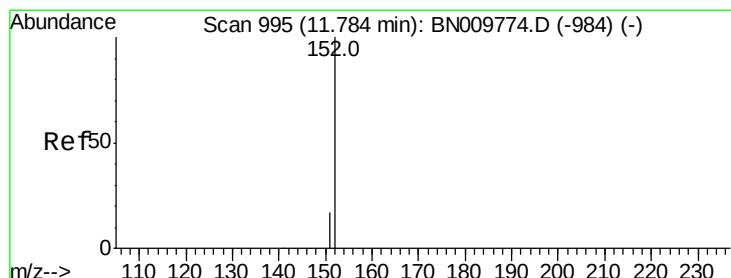
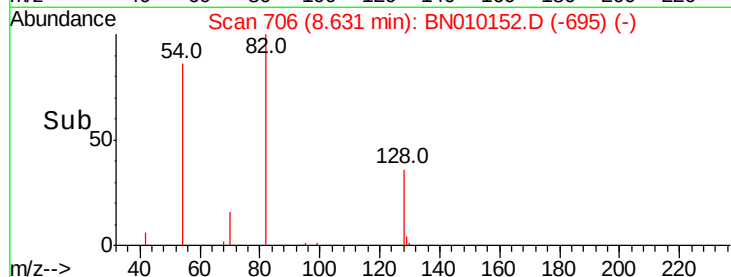
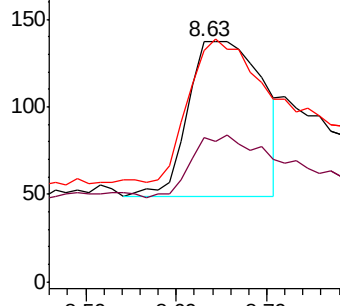
82 100

128 59.9 32.5 48.7#

54 96.4 73.5 110.3



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: 0.359 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN010152.D

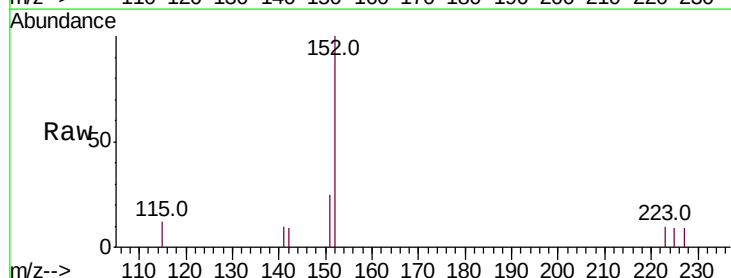
Acq: 09 Mar 2020 19:19

Tgt Ion: 152 Resp: 1597

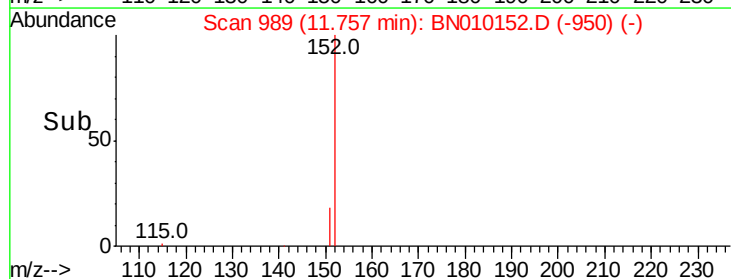
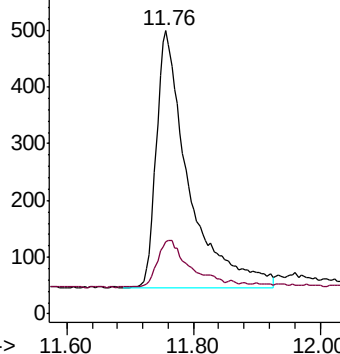
Ion Ratio Lower Upper

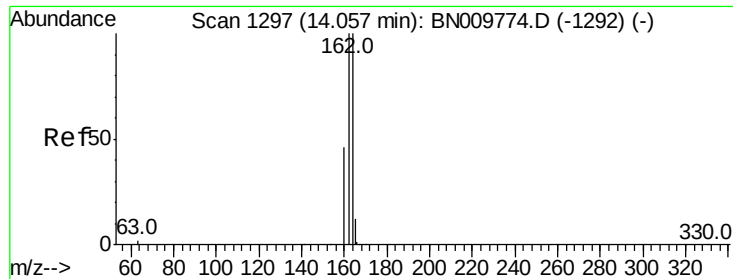
152 100

151 17.7 15.1 22.7



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: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

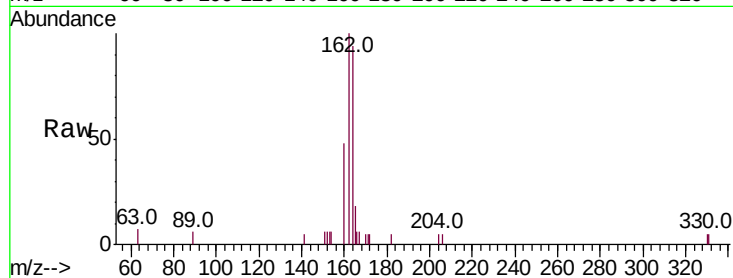
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 1693

Ion	Ratio	Lower	Upper
164	100		
162	106.0	79.9	119.9
160	50.8	38.2	57.2

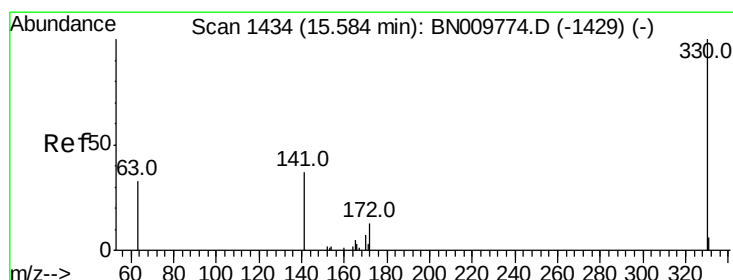
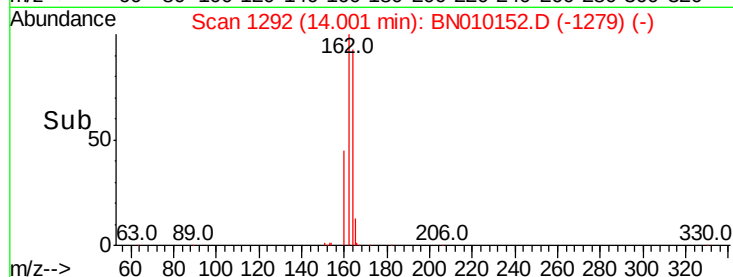
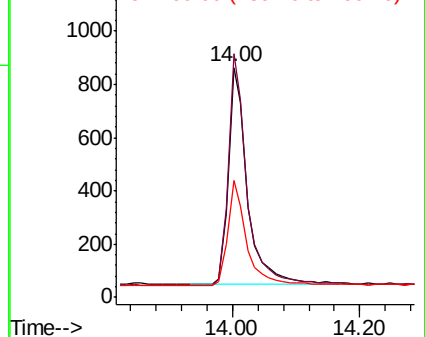


Abundance

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

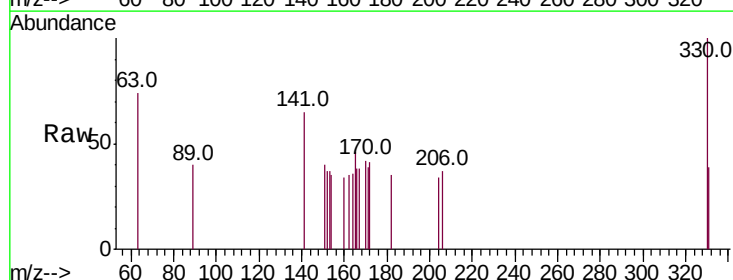
Delta R.T. -0.02 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Tgt Ion:330 Resp: 284

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.9	36.8	55.2

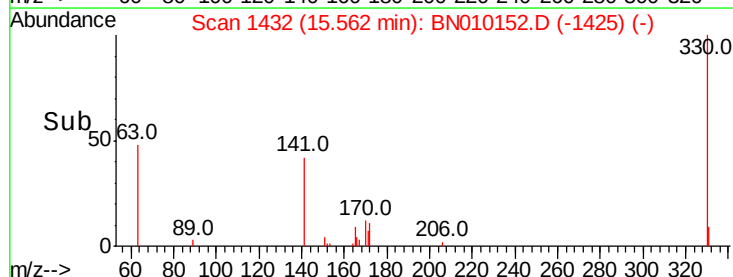
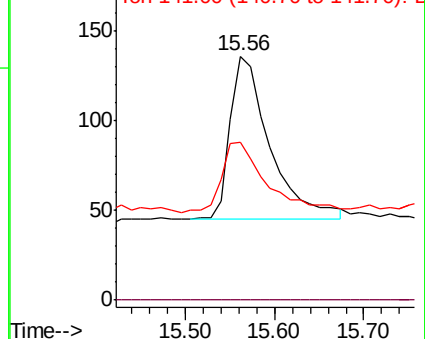


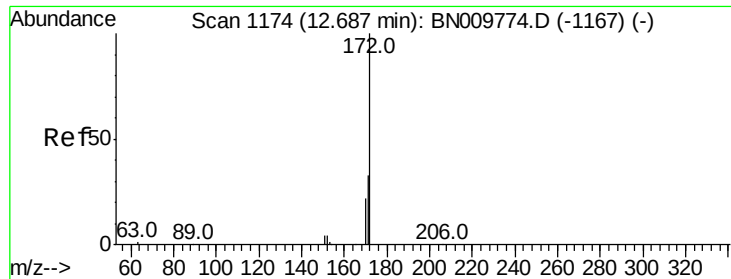
Abundance

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

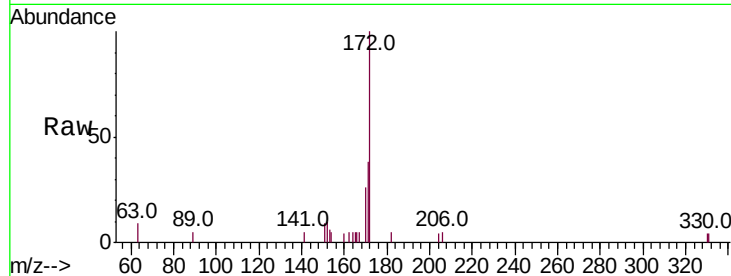




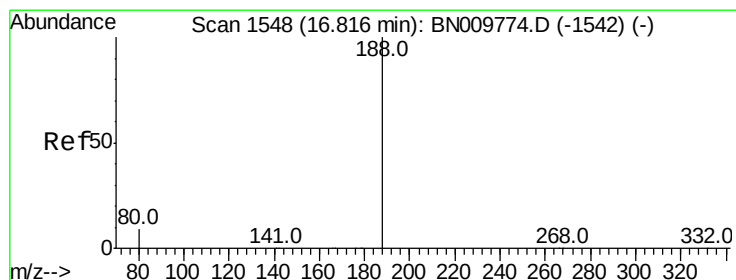
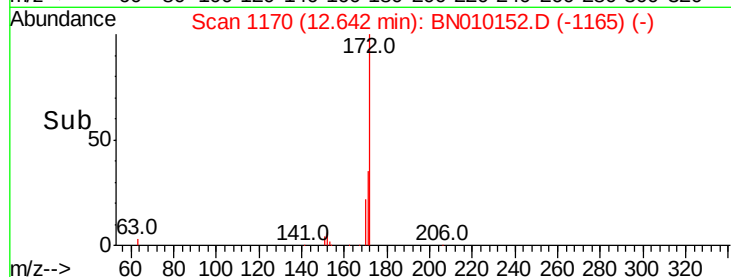
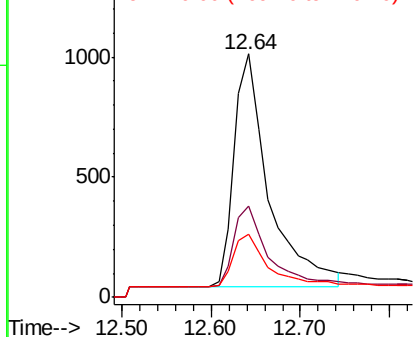
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	25.9	20.1	30.1

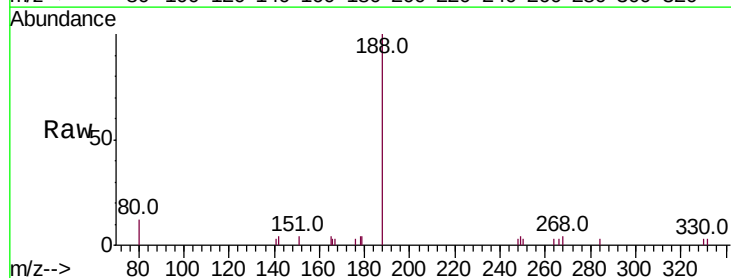


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

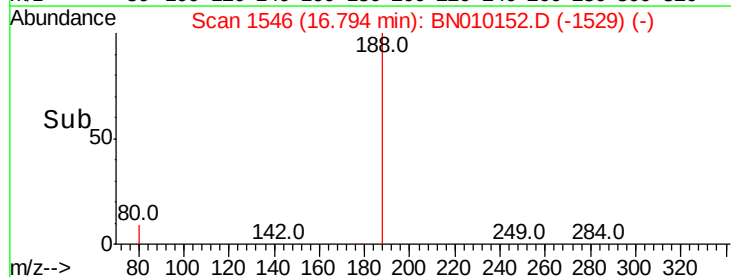
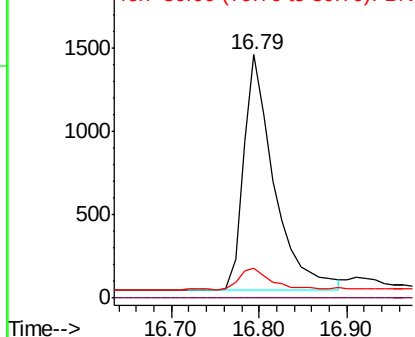


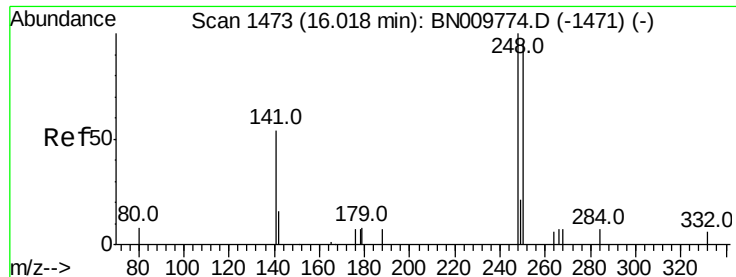
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

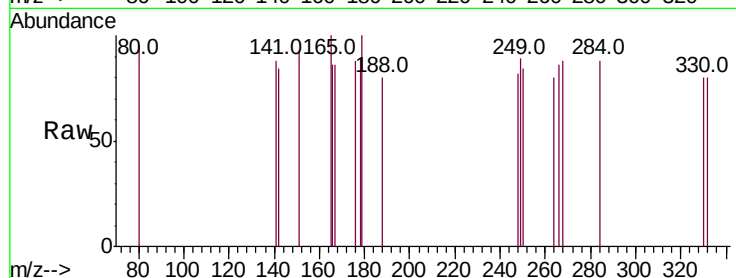




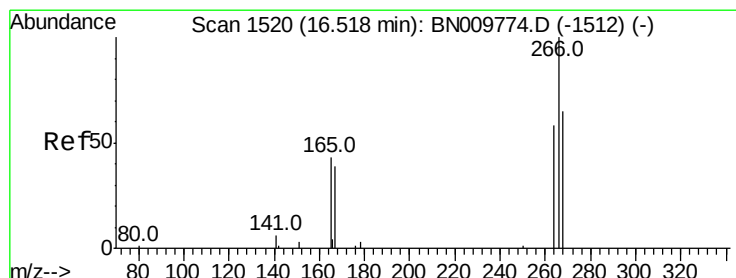
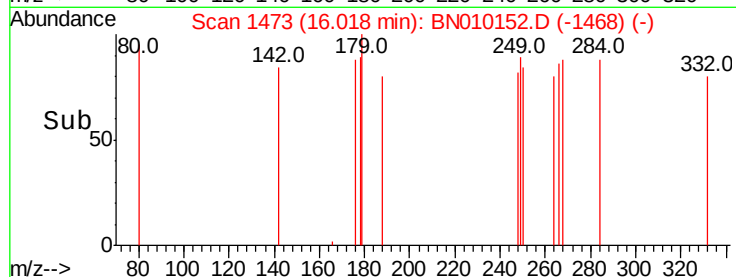
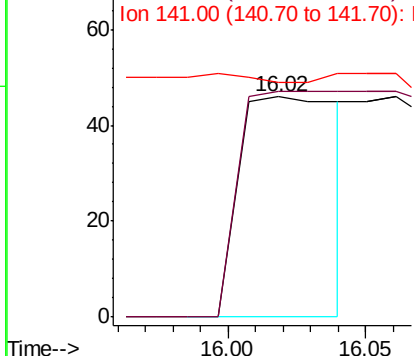
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 118
Ion Ratio Lower Upper
248 100
250 102.2 76.2 114.4
141 106.5 57.8 86.6#

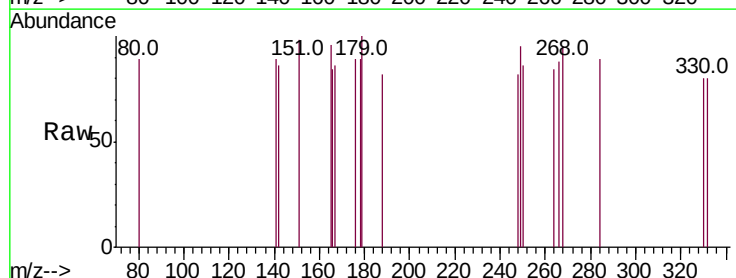


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

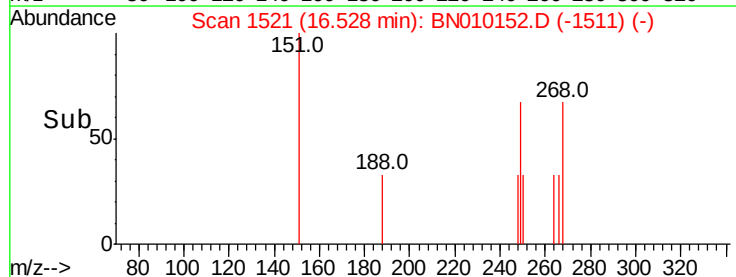
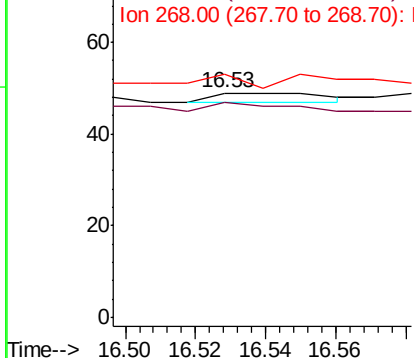


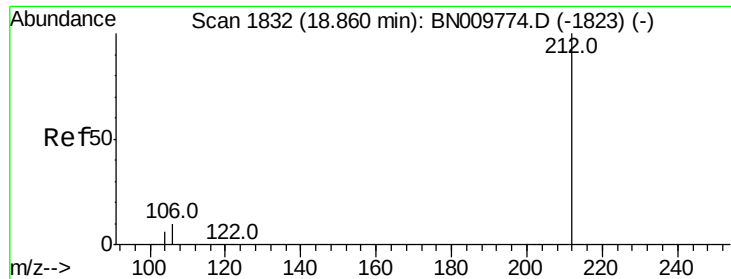
#22
Pentachlorophenol
Concen: 0.184 ng
RT: 16.53 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 95.9 58.1 87.1#
268 108.2 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: 0.381 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

ClientSampleId :

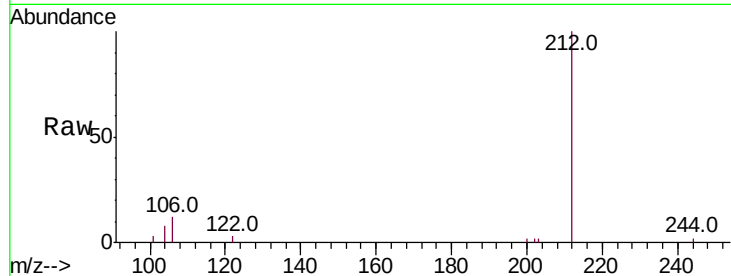
Tot Ion:212 Resp: 4485

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

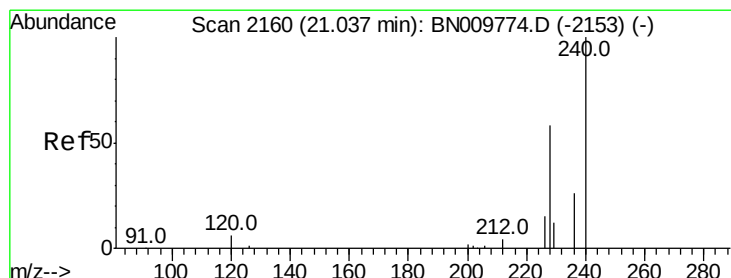
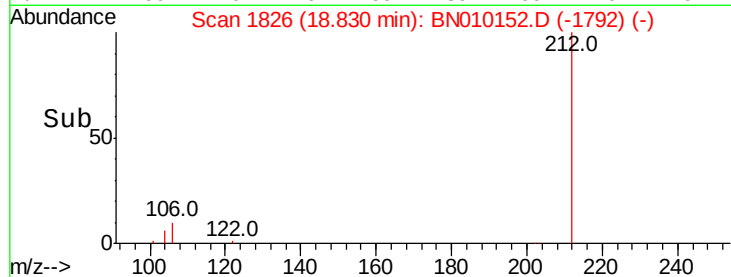
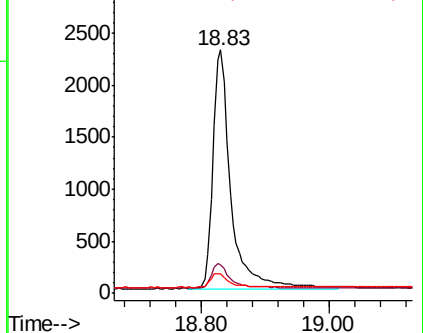
104 5.8 4.8 7.2



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: BN010152.D

Acq: 09 Mar 2020 19:19

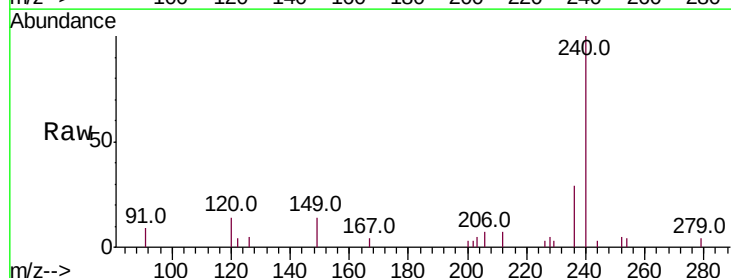
Tgt Ion:240 Resp: 3507

Ion Ratio Lower Upper

240 100

120 14.1 7.9 11.9#

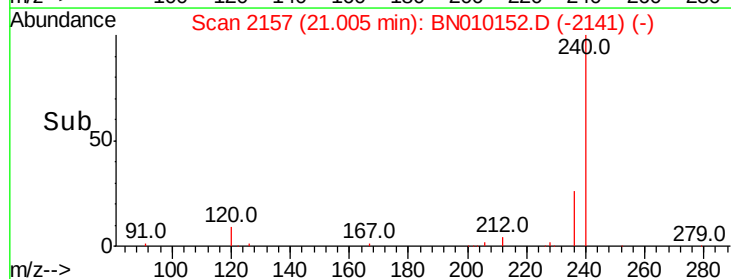
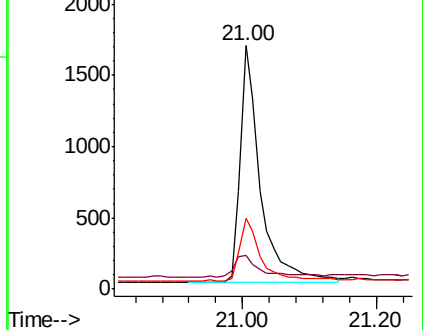
236 28.9 22.0 33.0

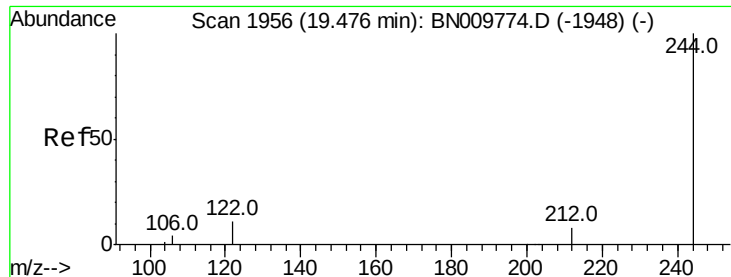


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

ClientSampleId :

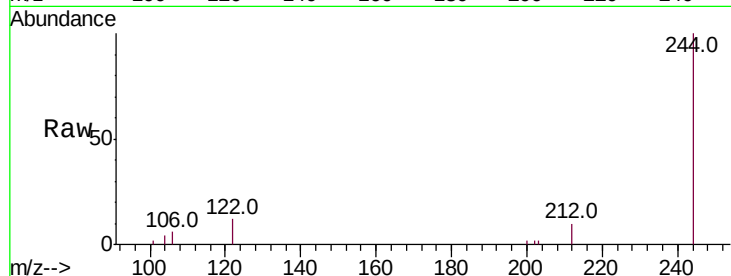
Tot Ion:244 Resp: 4050

Ion Ratio Lower Upper

244 100

212 9.8 8.0 12.0

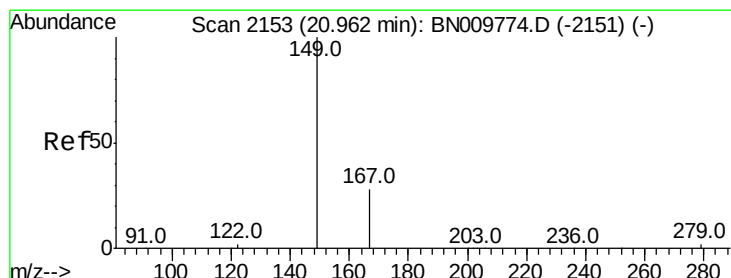
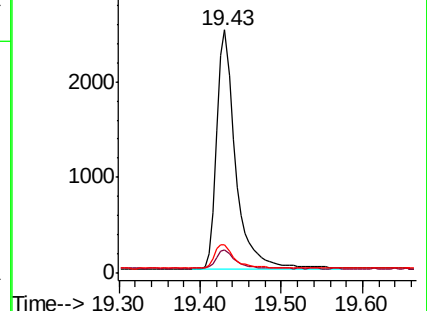
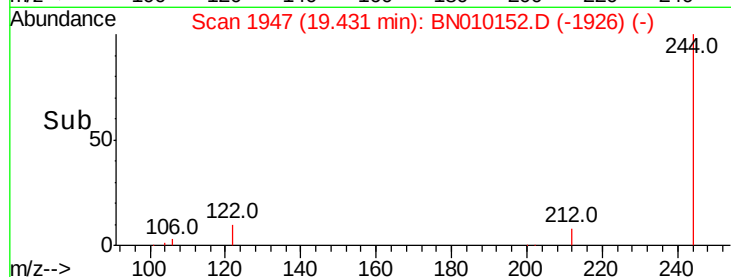
122 11.7 10.0 15.0



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: 0.099 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

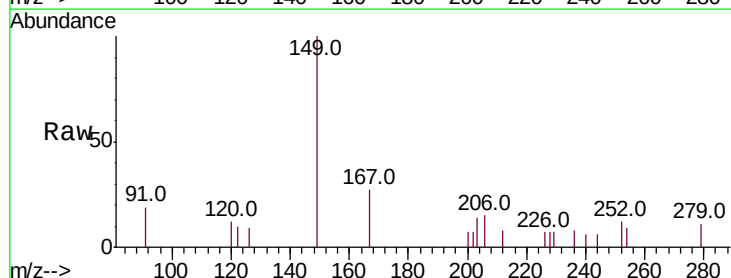
Tgt Ion:149 Resp: 565

Ion Ratio Lower Upper

149 100

167 25.3 22.7 34.1

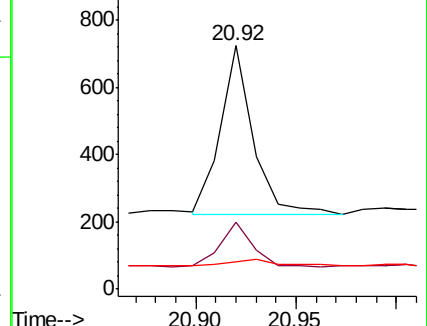
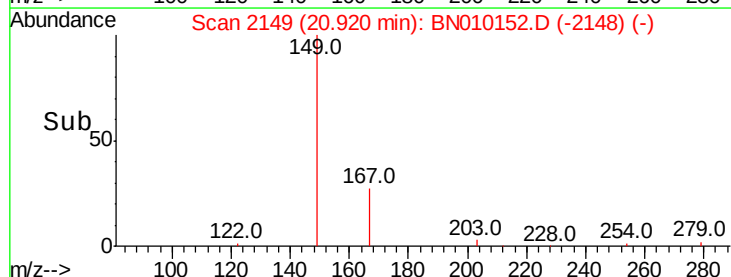
279 6.0 3.1 4.7#

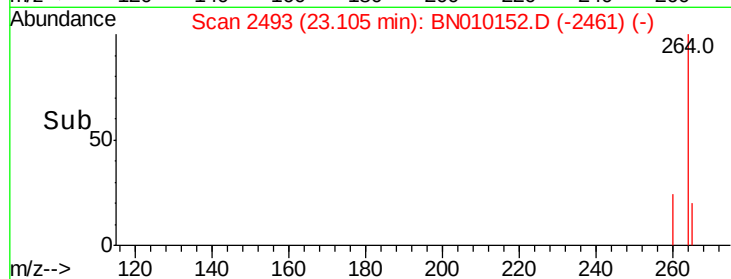
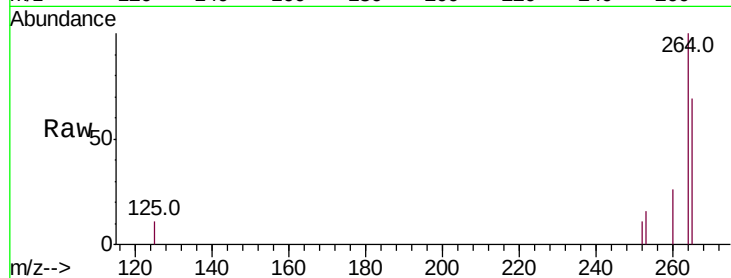
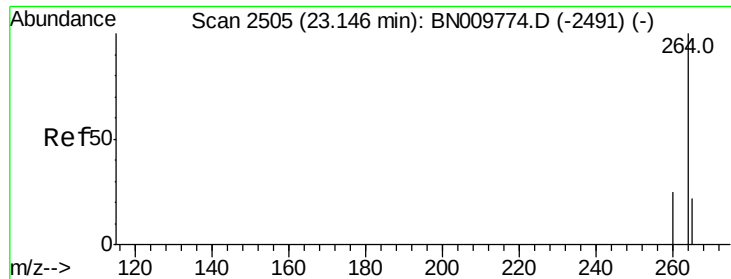


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2493

Delta R.T. -0.04 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 3723

Ion Ratio Lower Upper

264 100

260 26.2 21.1 31.7

265 69.3 57.5 86.3

