

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 :
 RE117D1-20200303

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

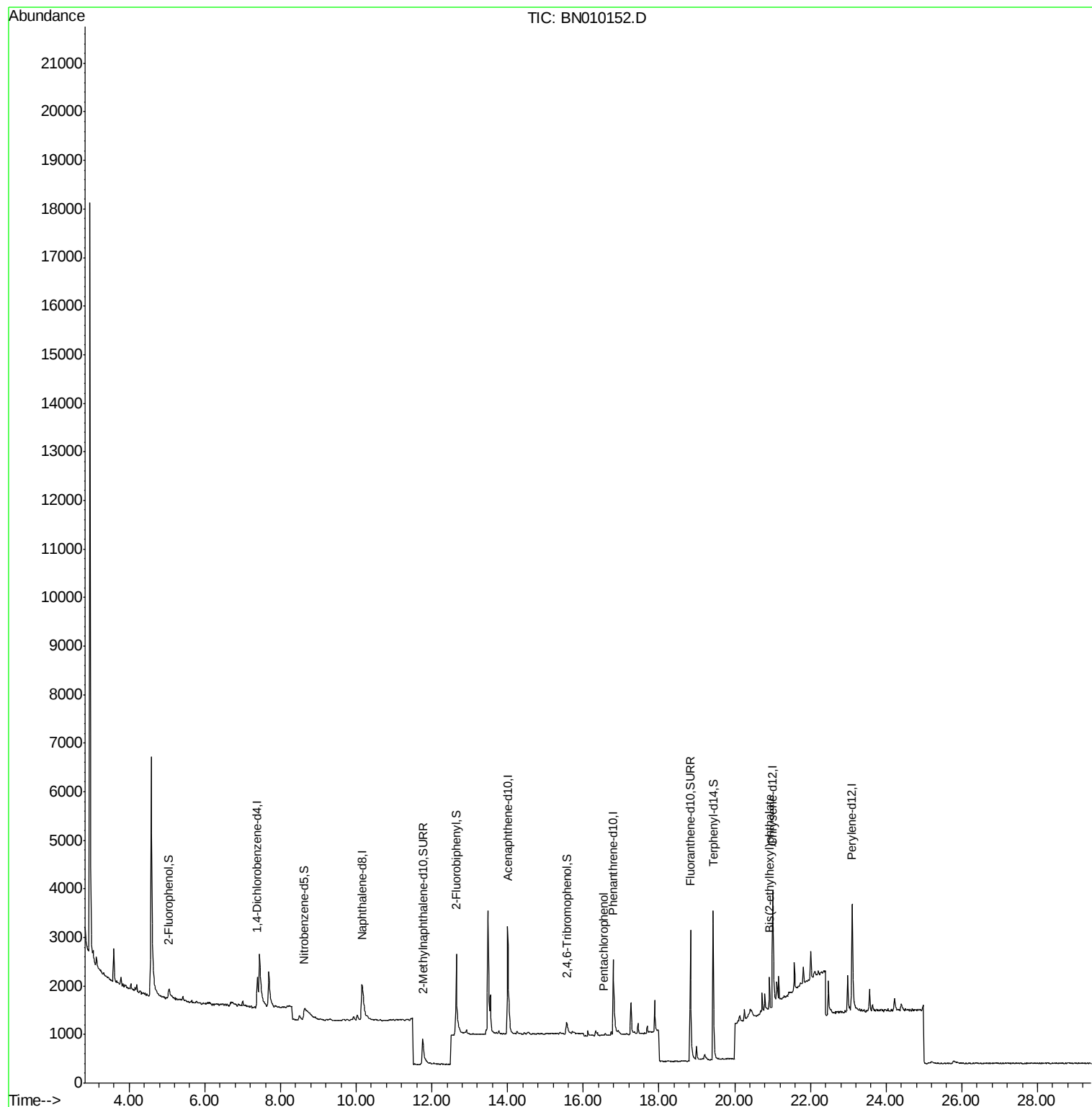
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	721	0.40	ng	-0.03
7) Naphthalene-d8	10.15	136	2301	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1693	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3407	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3507	0.40	ng	-0.03
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

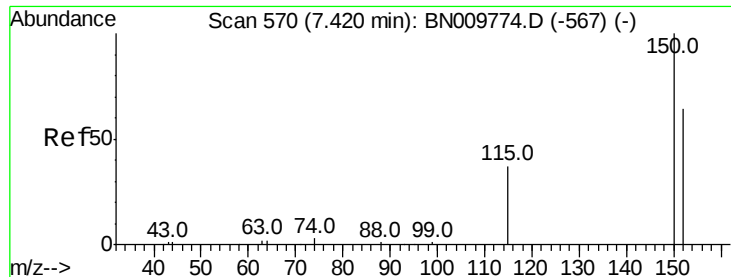
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
RE117D1-20200303

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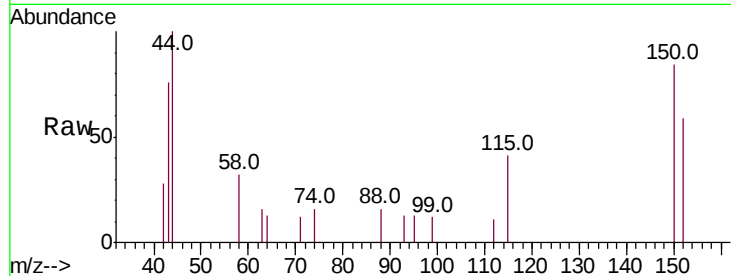


#1

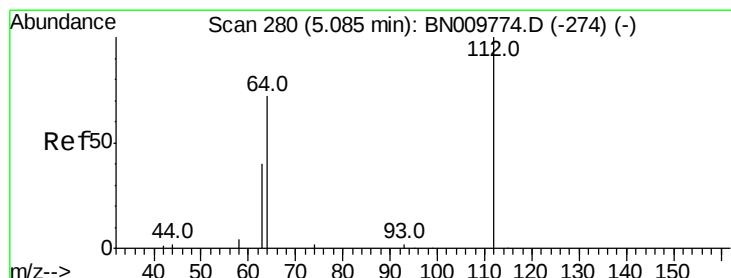
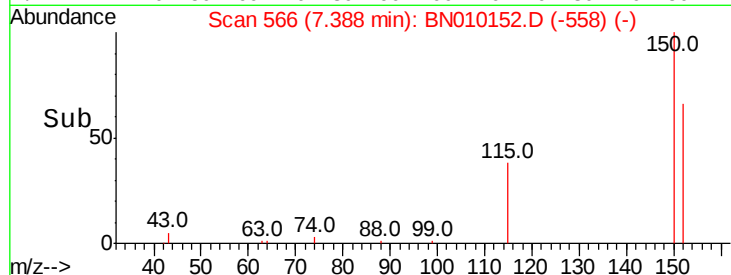
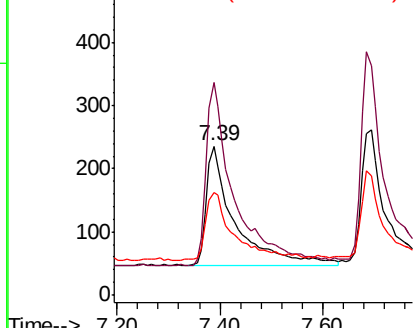
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200303

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



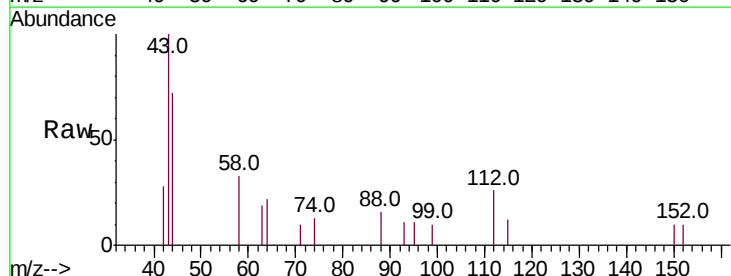
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



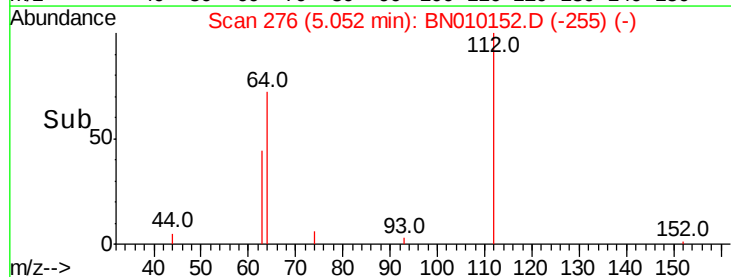
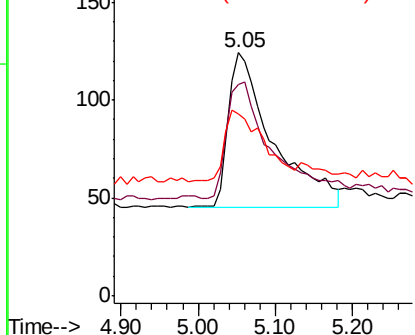
#4

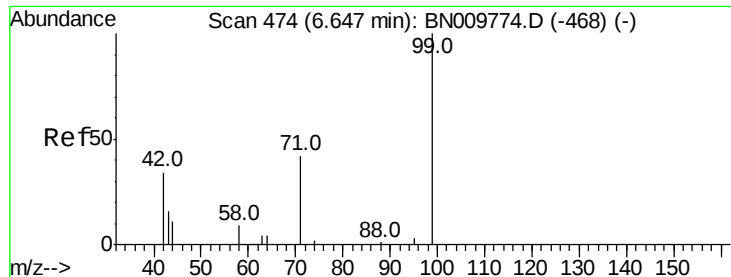
2-Fluorophenol
Concen: 0.198 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

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 :

RE117D1-20200303

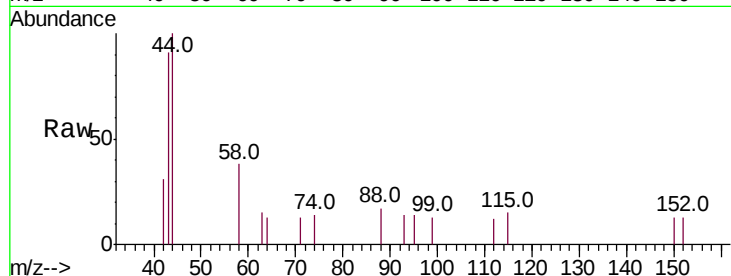
Tot Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 33.3 34.9 52.3#



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

150

100

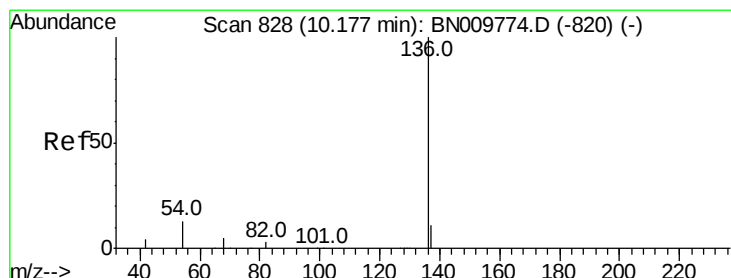
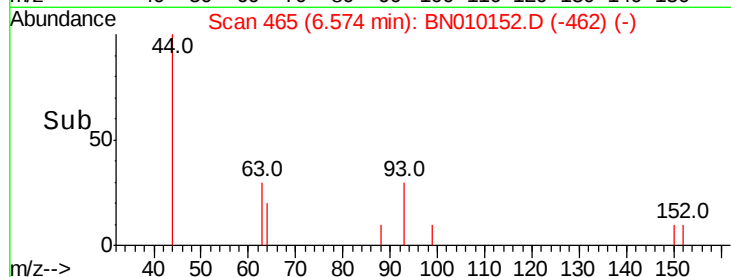
50

0

6.55 6.60

6.57

Time-->



#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

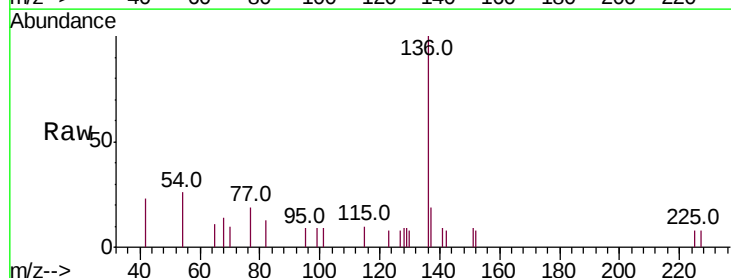
Ion Ratio Lower Upper

136 100

137 18.5 11.3 16.9#

54 25.5 13.4 20.2#

68 14.2 7.0 10.4#



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

800

600

400

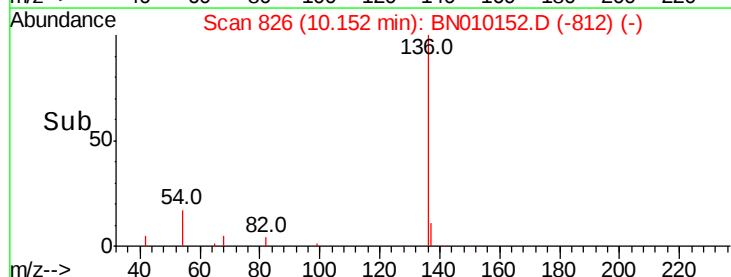
200

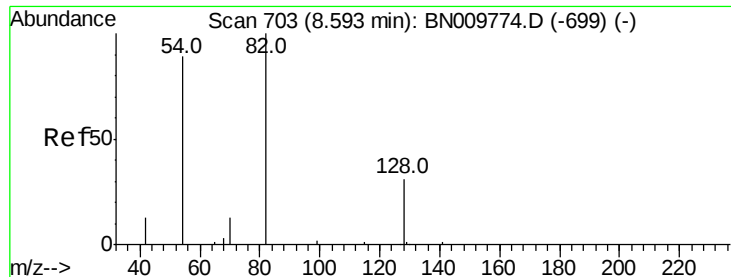
0

10.00 10.10 10.20 10.30

10.15

Time-->

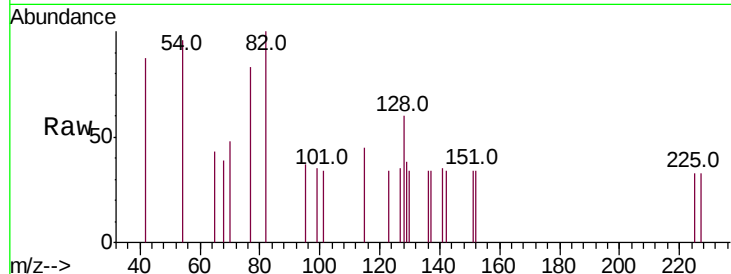




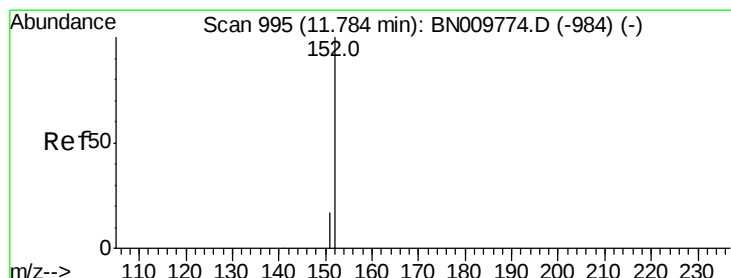
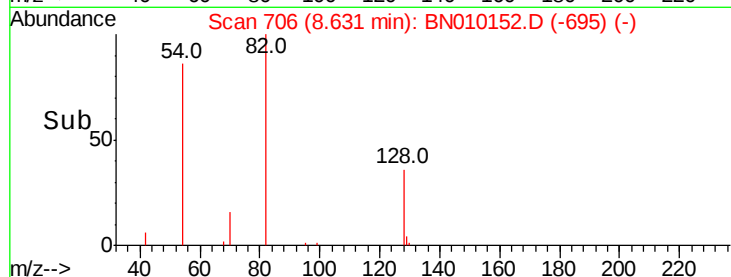
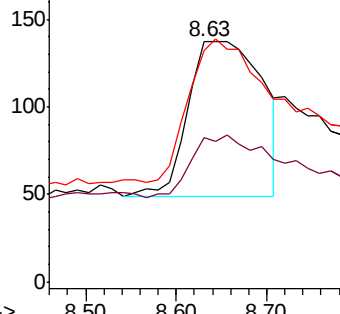
#8
 Nitrobenzene-d5
 Concen: 0.262 ng
 RT: 8.63 min Scan# 706
 Delta R.T. 0.04 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200303

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

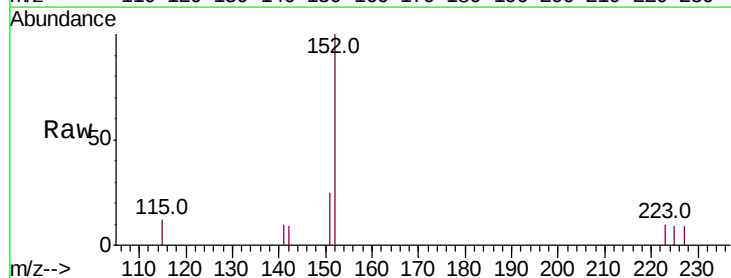


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

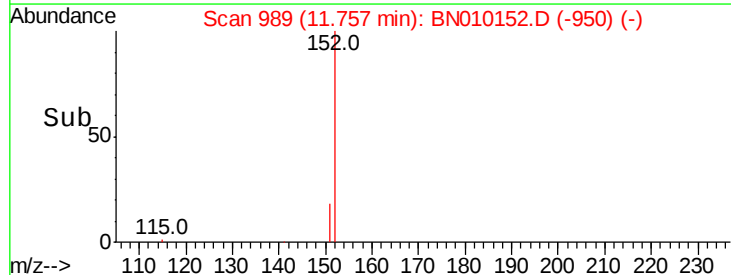
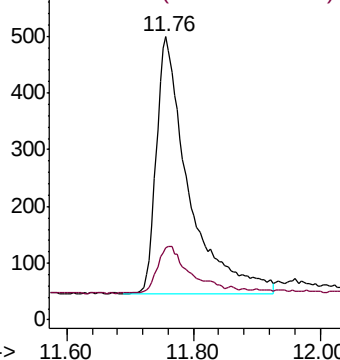


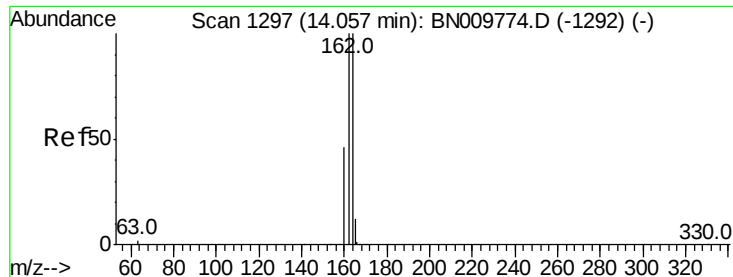
#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

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 :

RE117D1-20200303

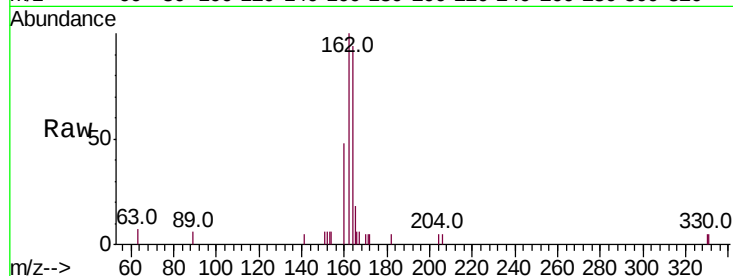
Tot Ion:164 Resp: 1693

Ion Ratio Lower Upper

164 100

162 106.0 79.9 119.9

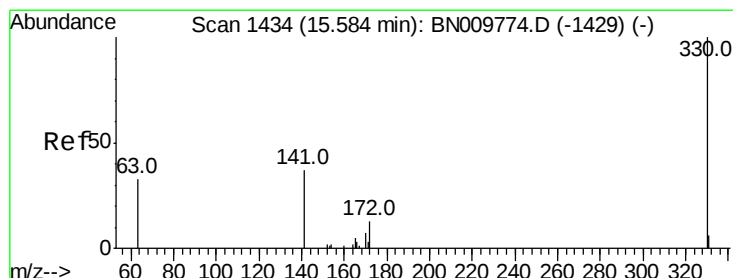
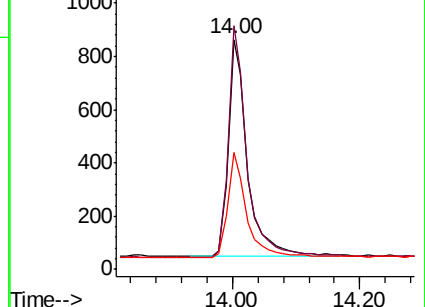
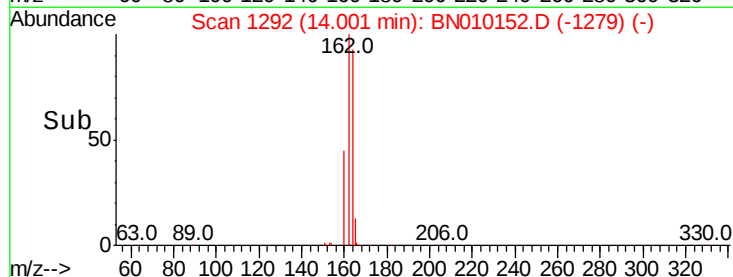
160 50.8 38.2 57.2



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

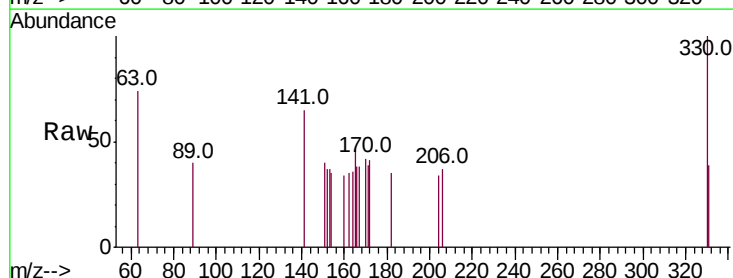
Tgt Ion:330 Resp: 284

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

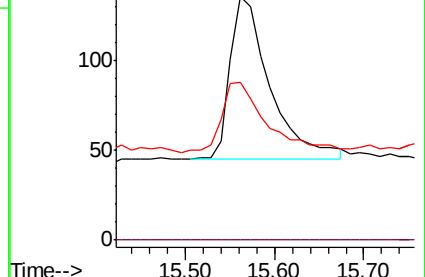
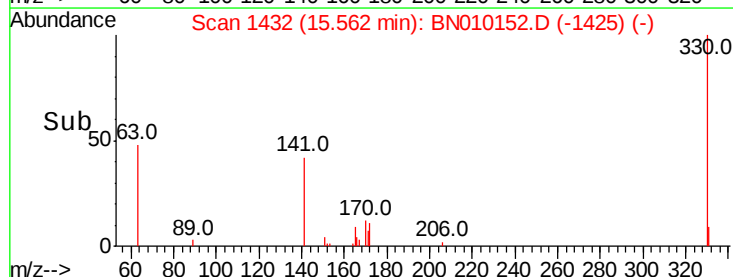
141 47.9 36.8 55.2

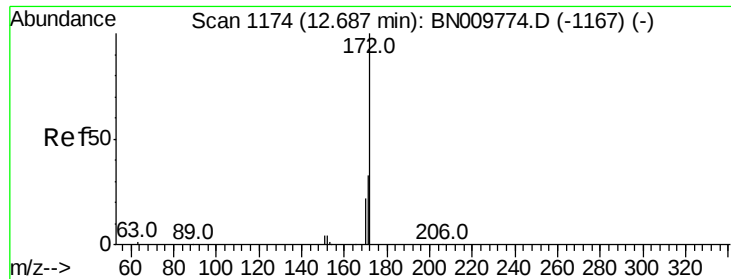


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

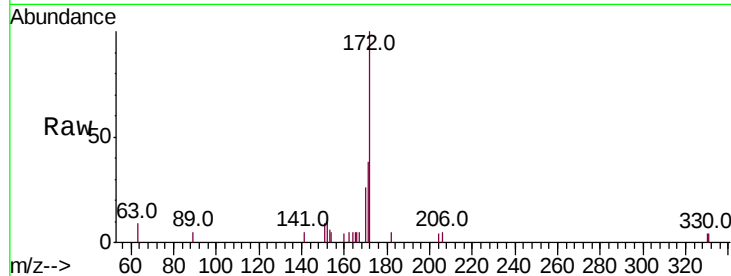




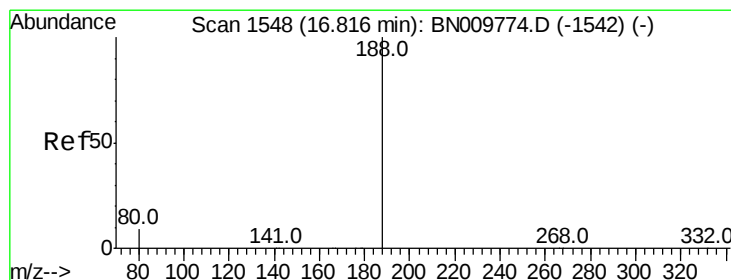
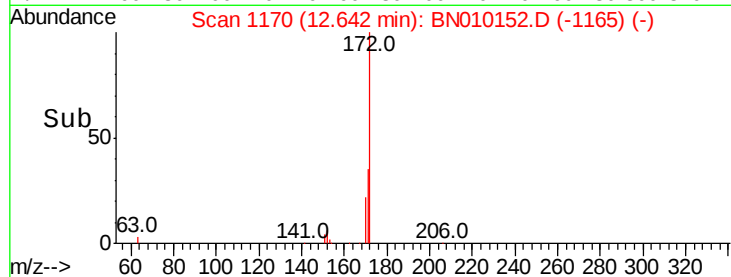
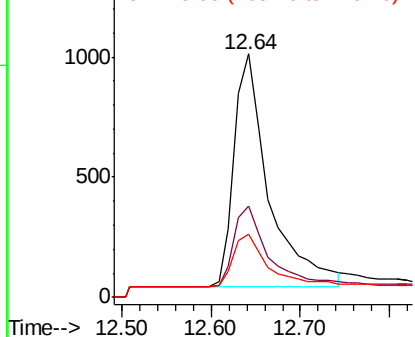
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
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RE117D1-20200303

Tot Ion:172	Resp:	2638
Ion	Ratio	Lower Upper
172	100	
171	37.6	28.7 43.1
170	25.9	20.1 30.1

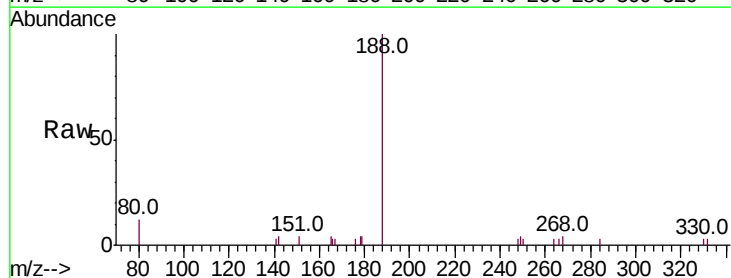


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

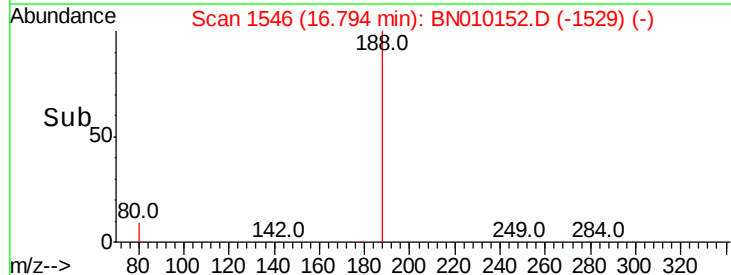
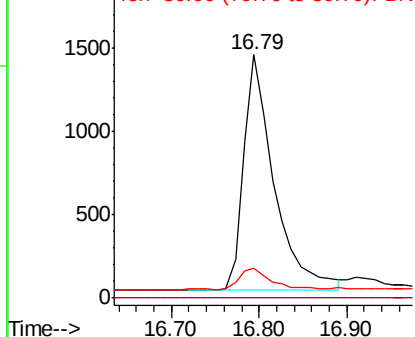


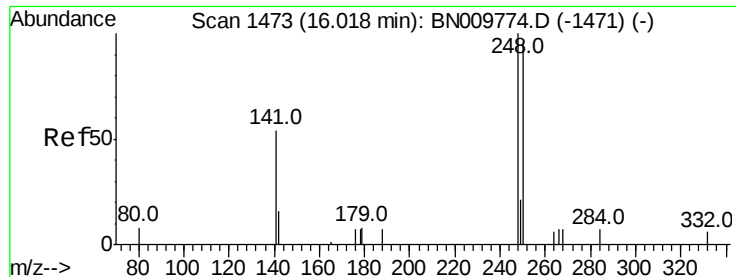
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion:188	Resp:	3407
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

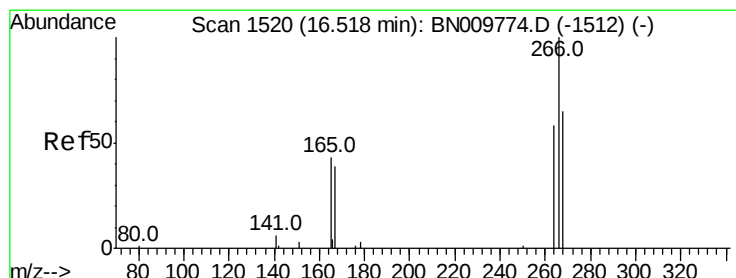
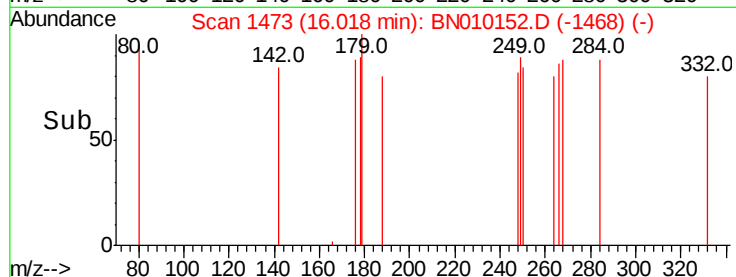
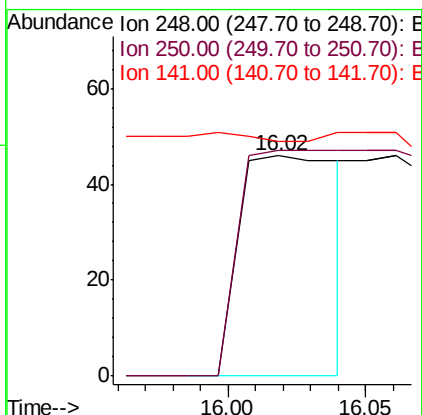
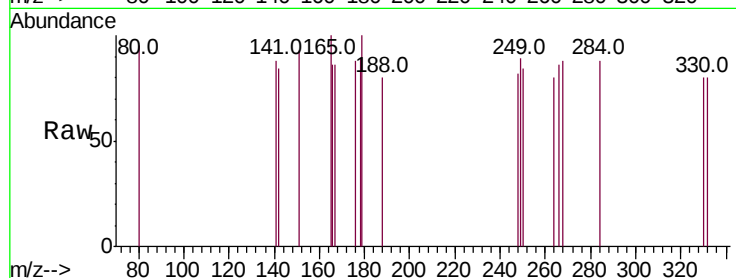
Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :
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ClientSampleId :
RE117D1-20200303

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



#22

Pentachlorophenol

Concen: 0.184 ng

RT: 16.53 min Scan# 1521

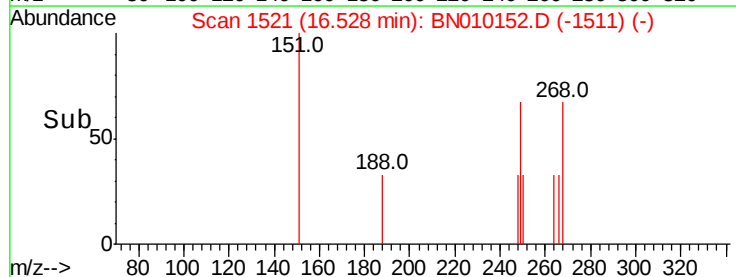
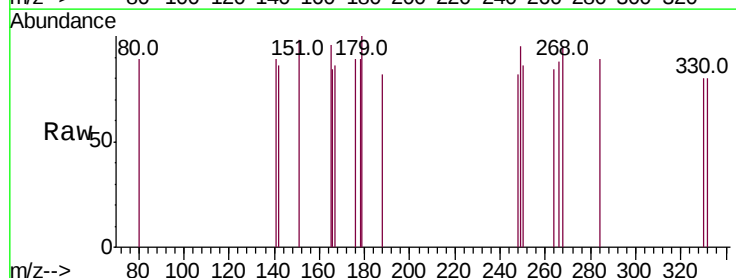
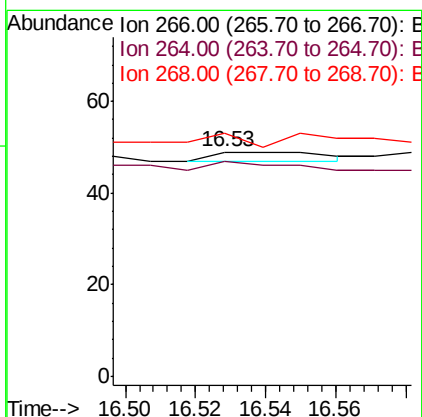
Delta R.T. 0.01 min

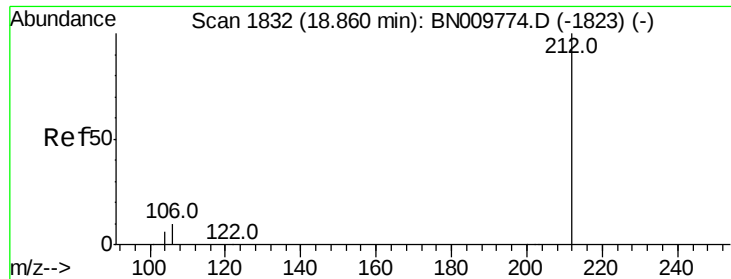
Lab File: BN010152.D

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





#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

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RE117D1-20200303

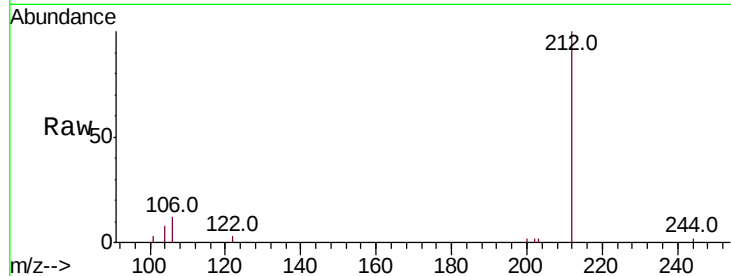
Tot Ion:212 Resp: 4485

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

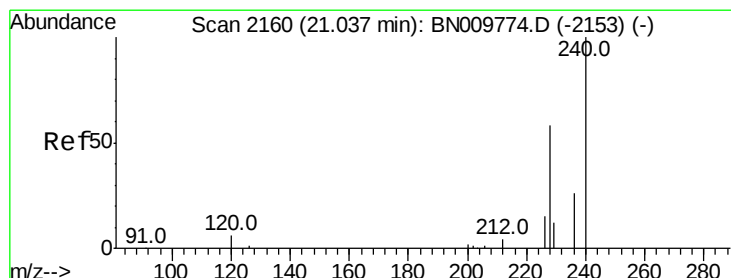
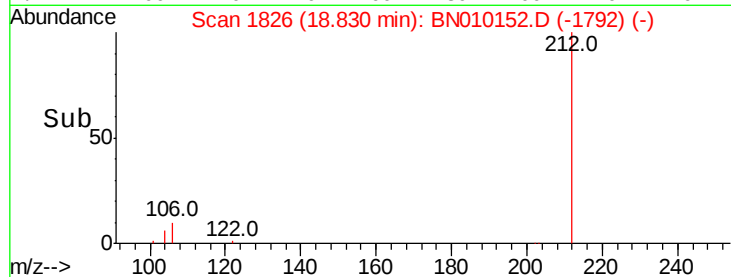
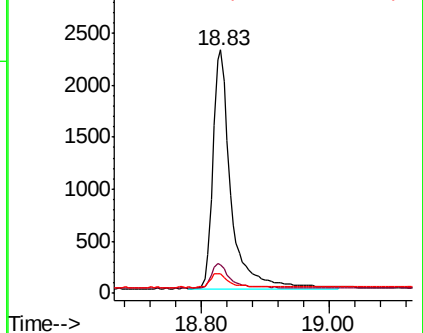
104 5.8 4.8 7.2



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

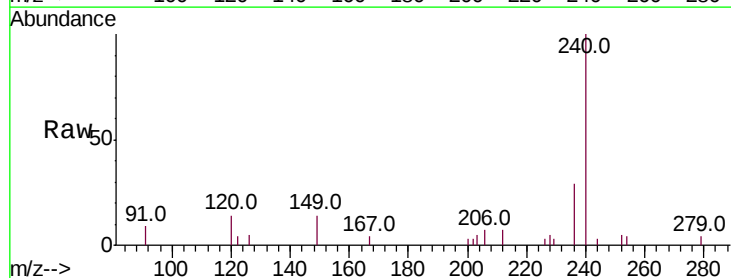
Tgt Ion:240 Resp: 3507

Ion Ratio Lower Upper

240 100

120 14.1 7.9 11.9#

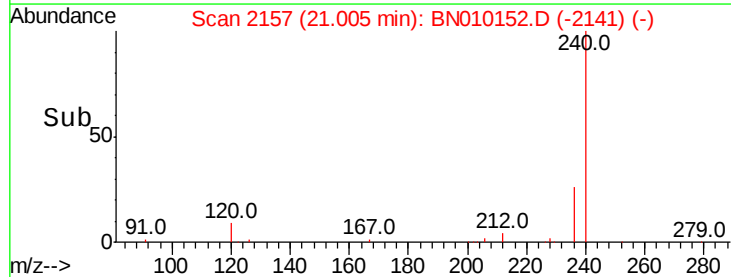
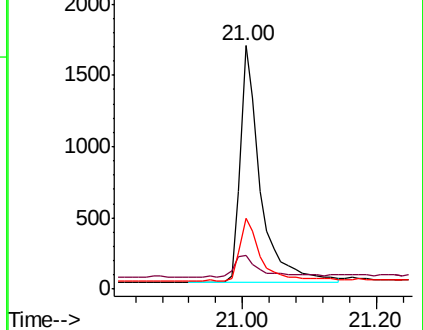
236 28.9 22.0 33.0

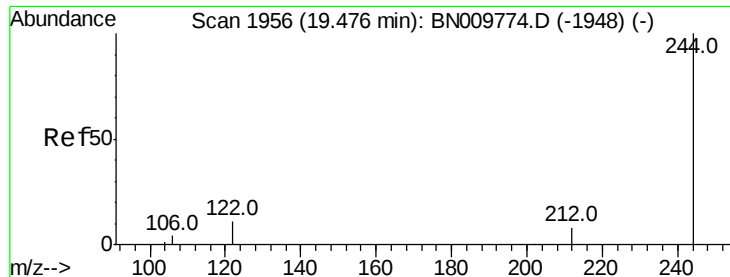


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

RE117D1-20200303

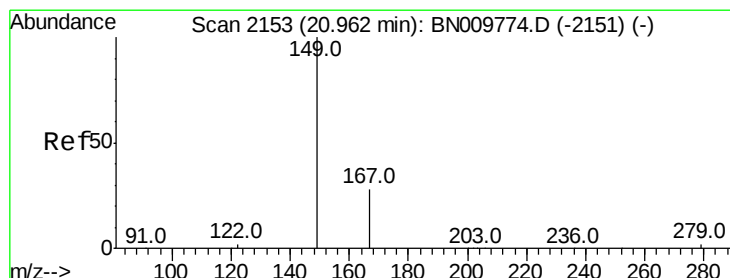
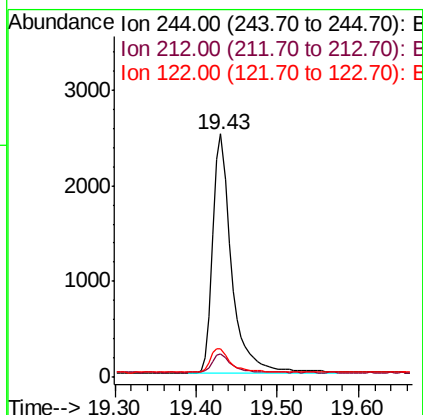
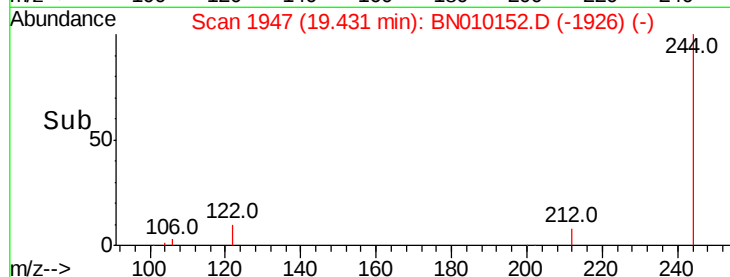
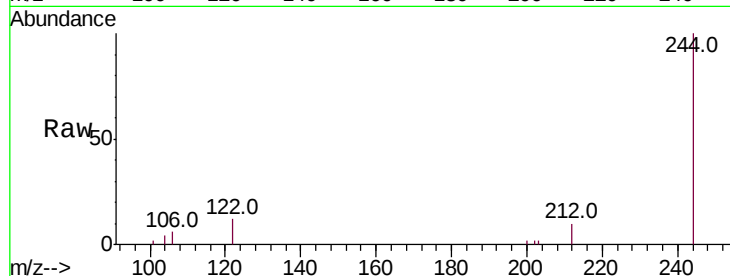
Tot Ion:244 Resp: 4050

Ion Ratio Lower Upper

244 100

212 9.8 8.0 12.0

122 11.7 10.0 15.0



#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

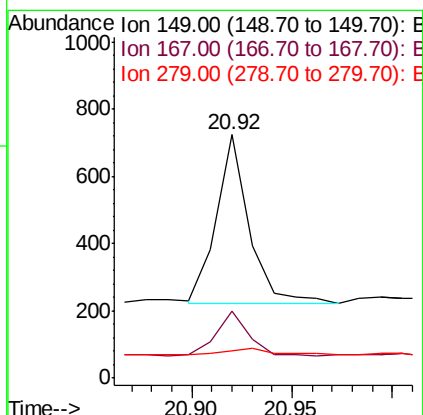
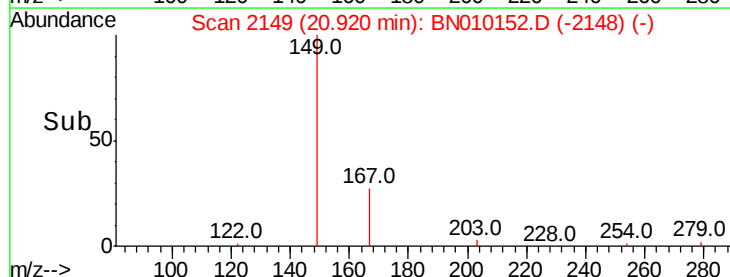
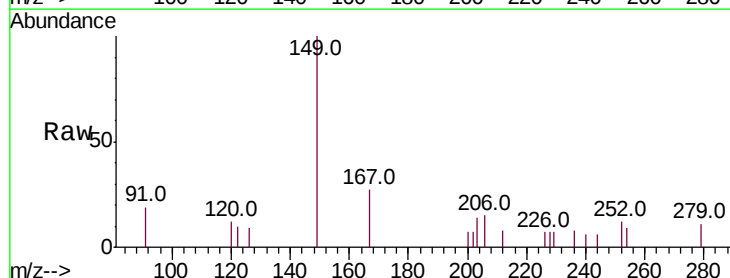
Tgt Ion:149 Resp: 565

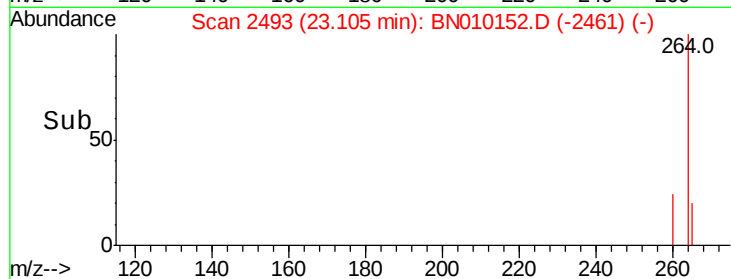
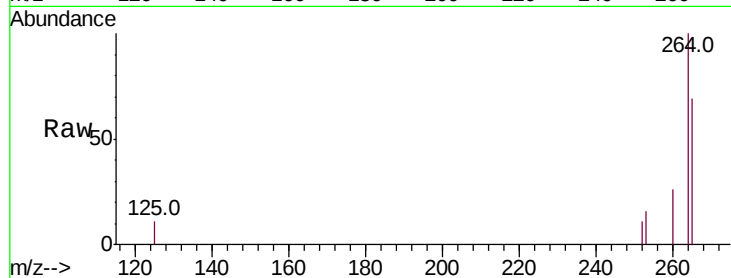
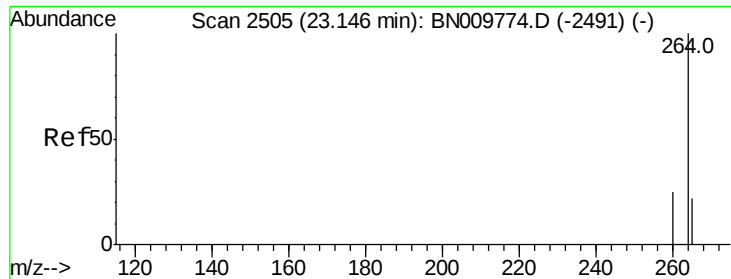
Ion Ratio Lower Upper

149 100

167 25.3 22.7 34.1

279 6.0 3.1 4.7#





#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 :

RE117D1-20200303

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

