

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010188.D
 Acq On : 11 Mar 2020 12:21
 Operator : CG/JU
 Sample : L1842-27
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20200306

Quant Time: Mar 11 13:27:33 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

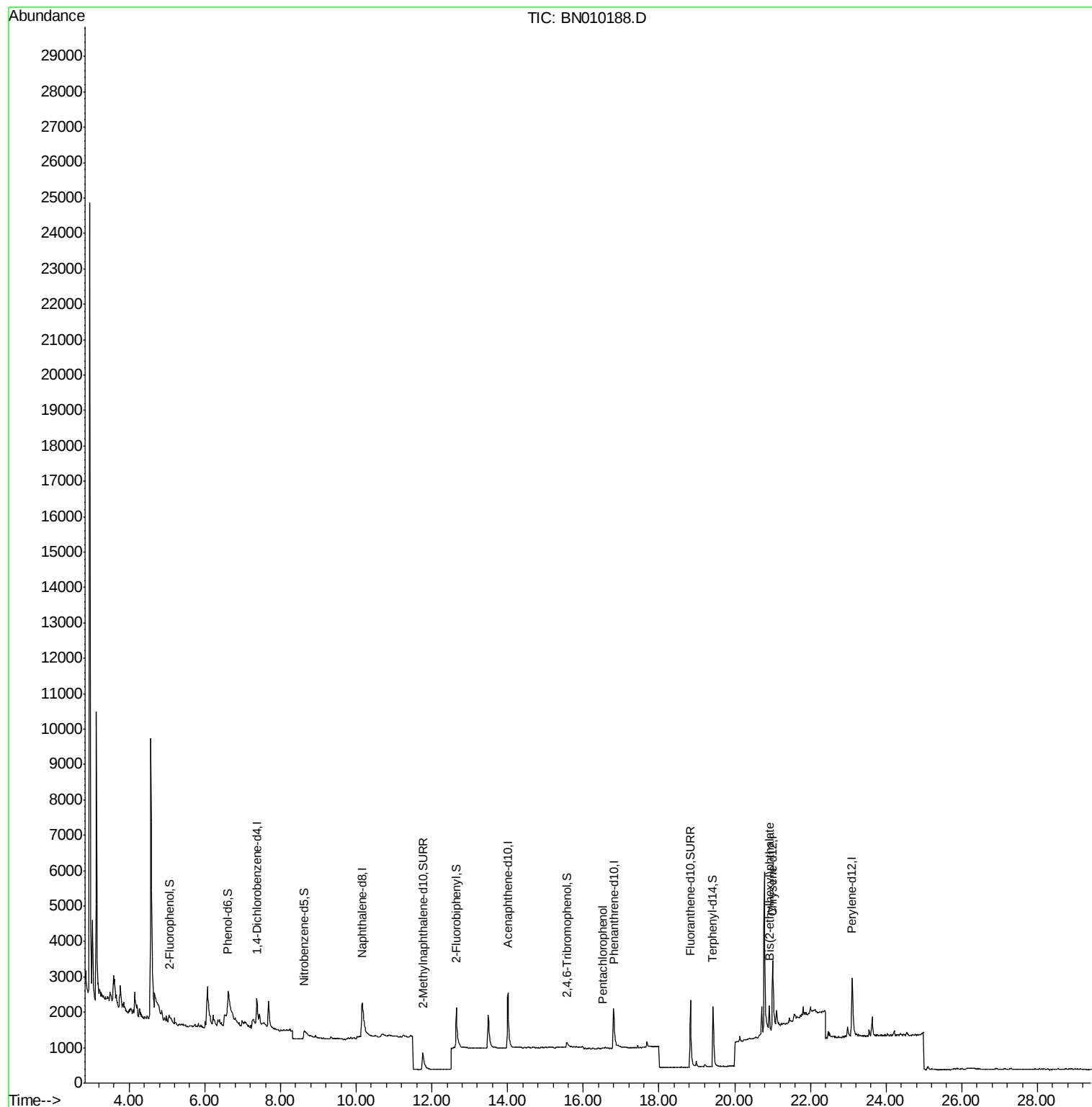
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	691	0.40	ng	-0.04
7) Naphthalene-d8	10.16	136	2993	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	1401	0.40	ng	-0.04
19) Phenanthrene-d10	16.80	188	3103	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3053	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3076	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	303	0.20	ng	-0.02
5) Phenol-d6	6.60	99	311	0.17	ng	-0.05
8) Nitrobenzene-d5	8.63	82	557	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.76	152	1394	0.24	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	211	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	1971	0.37	ng	-0.04
25) Fluoranthene-d10	18.83	212	3394	0.32	ng	-0.03
29) Terphenyl-d14	19.43	244	2911	0.40	ng	-0.05
Target Compounds						
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal	#	77
22) Pentachlorophenol	16.51	266	17	0.205 ng	#	77
32) Bis(2-ethylhexyl)phthalate	20.92	149	736	0.149 ng	#	94

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

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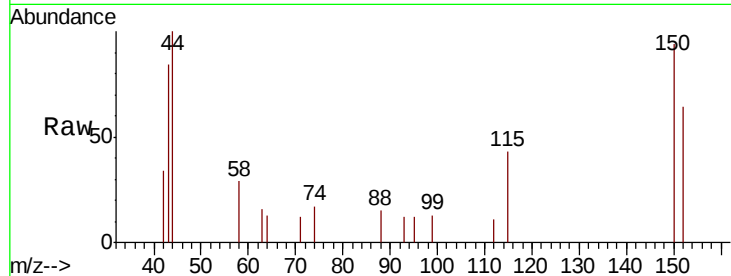


#1

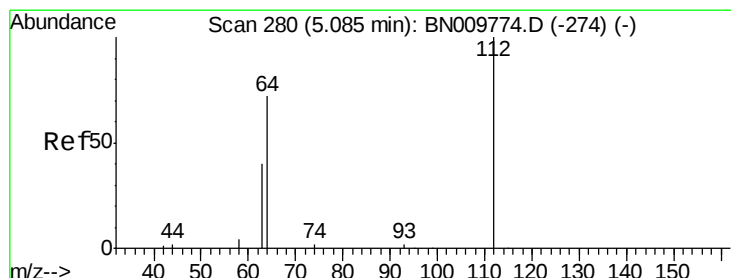
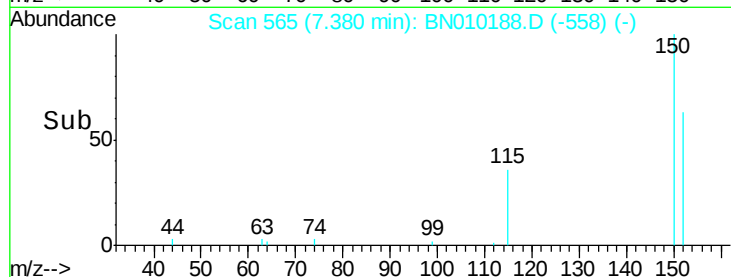
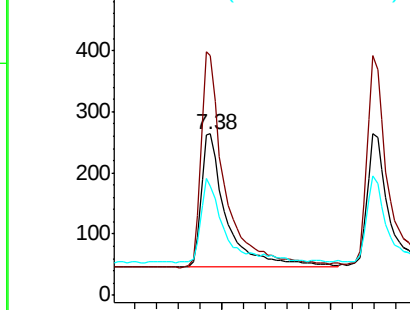
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Instrument :
BNA_N
ClientSampleId :
RE139D1-20200306

Tot Ion:152 Resp: 691
Ion Ratio Lower Upper
152 100
150 148.1 120.6 181.0
115 67.8 51.2 76.8



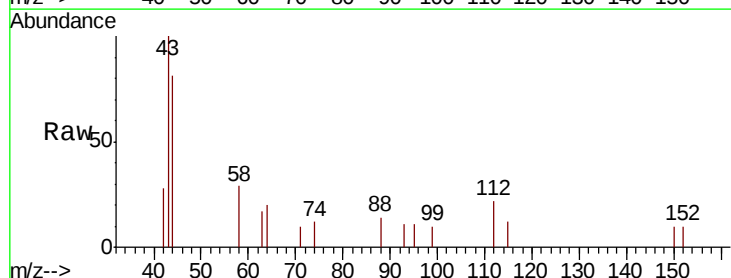
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



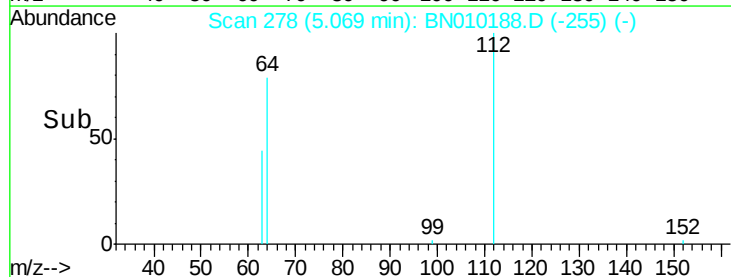
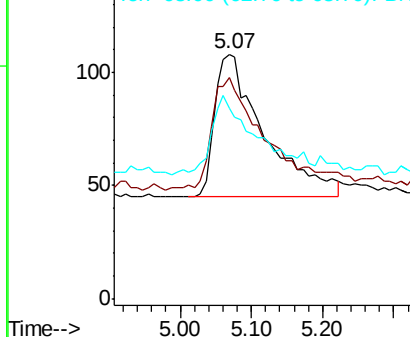
#4

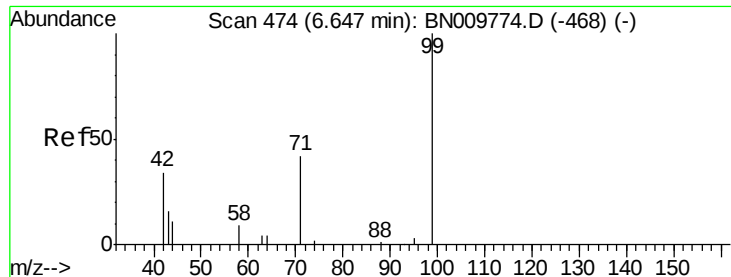
2-Fluorophenol
Concen: 0.197 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Tgt Ion:112 Resp: 303
Ion Ratio Lower Upper
112 100
64 85.5 65.8 98.6
63 51.8 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: 0.166 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.05 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

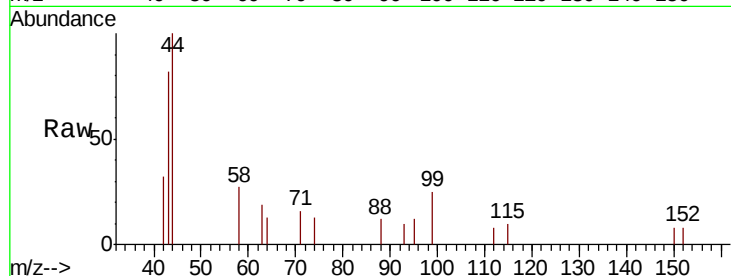
Tot Ion: 99 Resp: 311

Ion Ratio Lower Upper

99 100

42 77.5 30.8 46.2#

71 34.7 34.9 52.3#



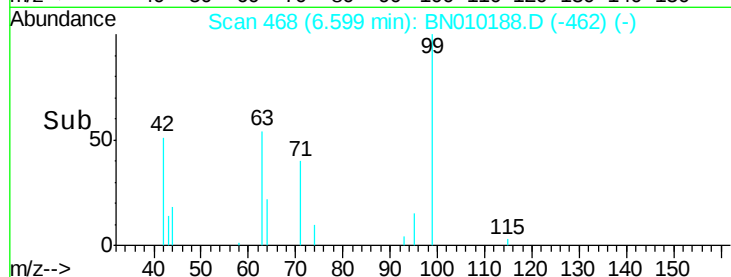
Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

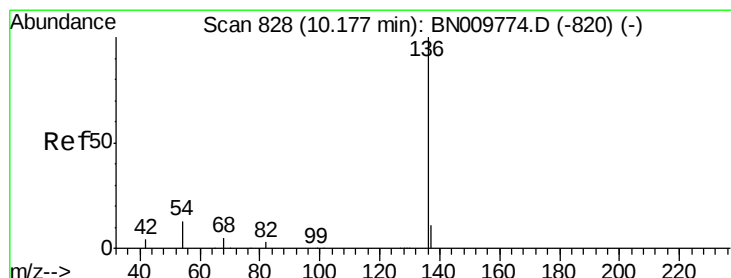
Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

Time-->

6.50 6.60 6.70 6.80



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Tgt Ion: 136 Resp: 2993

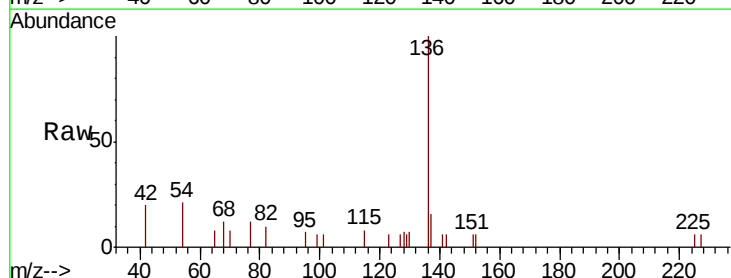
Ion Ratio Lower Upper

136 100

137 16.0 11.3 16.9

54 20.5 13.4 20.2#

68 12.3 7.0 10.4#



Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

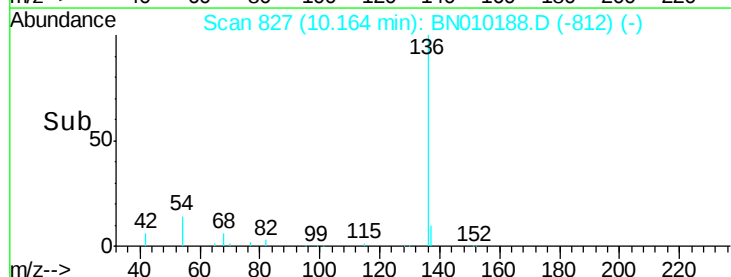
Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

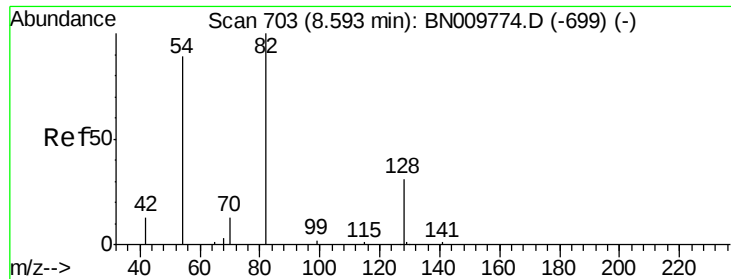
Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

Time-->

10.00 10.10 10.20 10.30



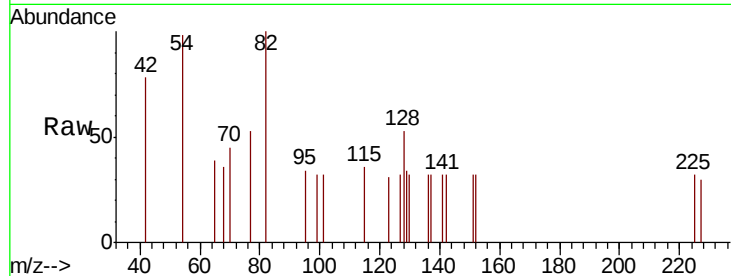
Time-->



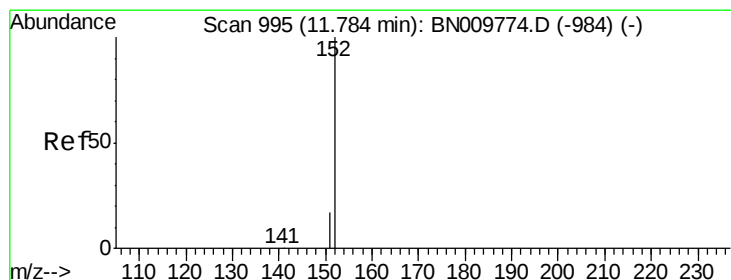
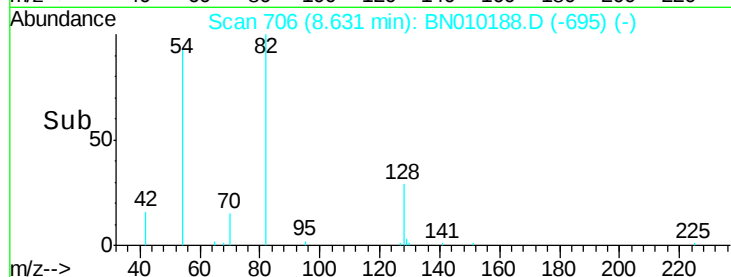
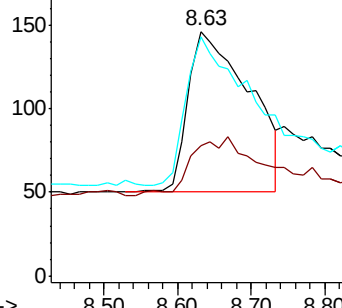
#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.63 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Instrument :
BNA_N
ClientSampleId :
RE139D1-20200306

Tot Ion: 82 Resp: 557
Ion Ratio Lower Upper
82 100
128 53.4 32.5 48.7#
54 97.9 73.5 110.3

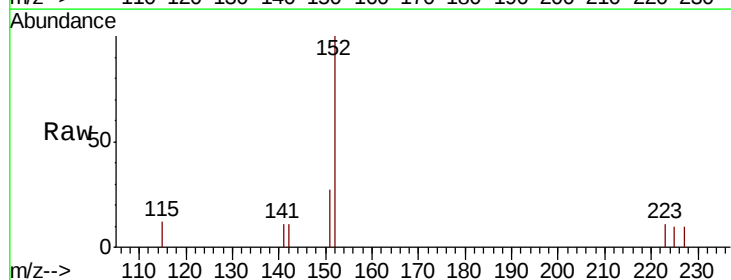


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

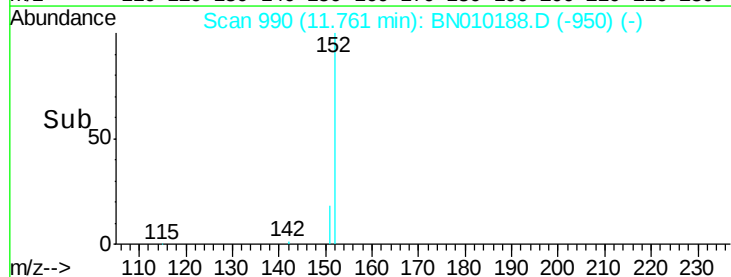
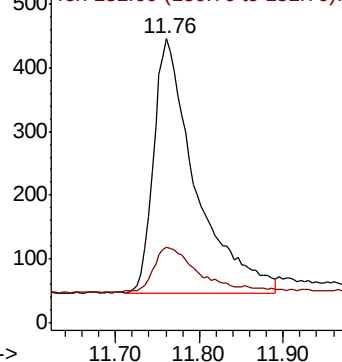


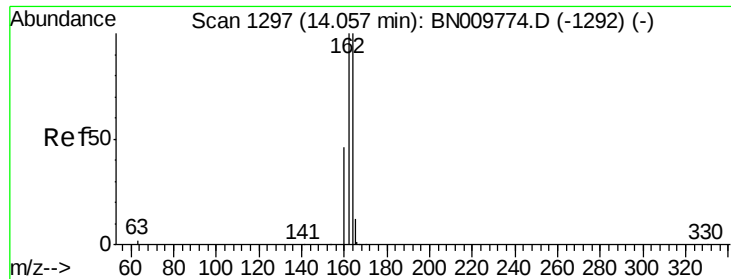
#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Tgt Ion: 152 Resp: 1394
Ion Ratio Lower Upper
152 100
151 18.7 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: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

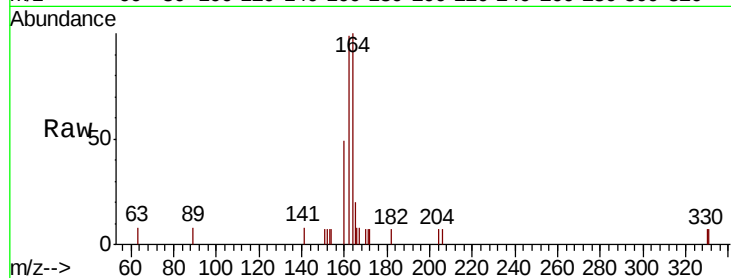
Tot Ion:164 Resp: 1401

Ion Ratio Lower Upper

164 100

162 98.8 79.9 119.9

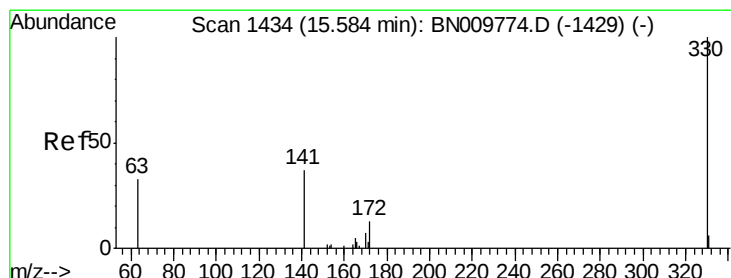
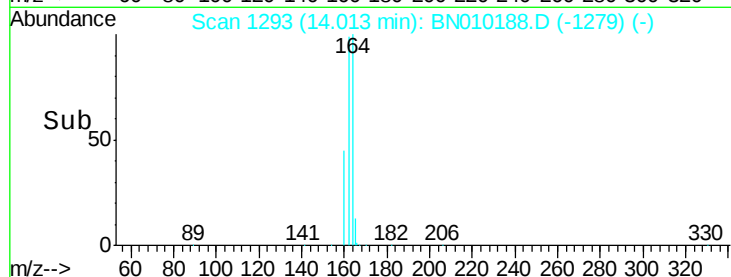
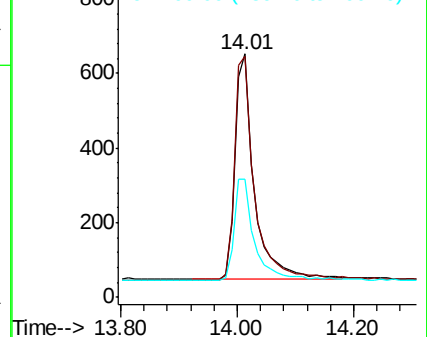
160 48.5 38.2 57.2



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: 0.391 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

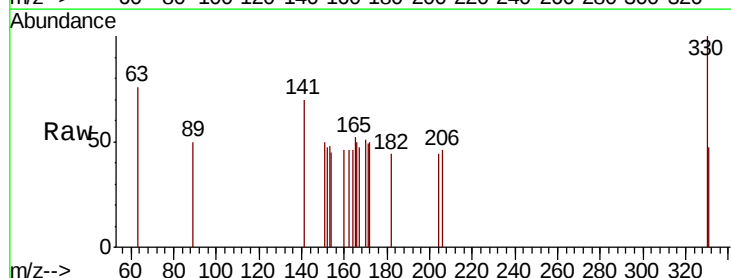
Tgt Ion:330 Resp: 211

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

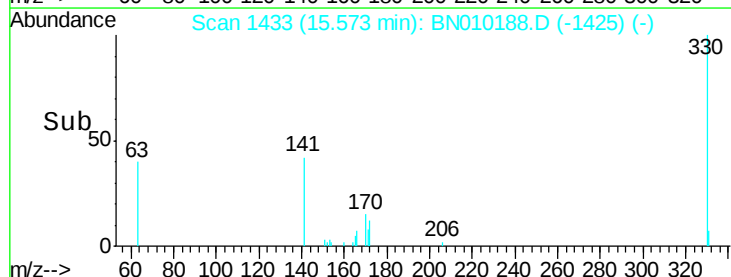
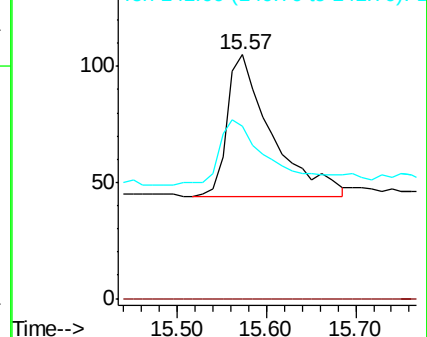
141 49.3 36.8 55.2

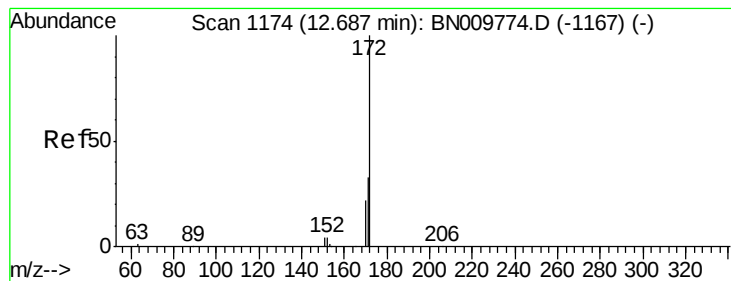


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.373 ng

RT: 12.64 min Scan# 1170

Delta R.T. -0.04 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

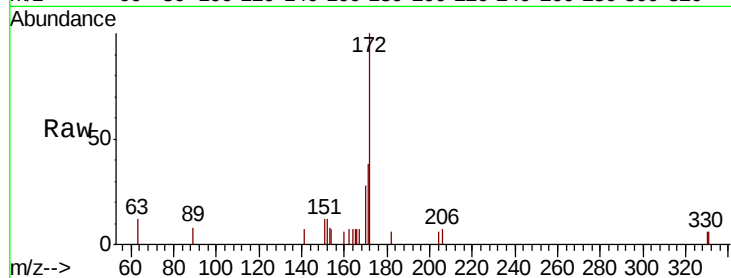
Tot Ion:172 Resp: 1971

Ion Ratio Lower Upper

172 100

171 38.5 28.7 43.1

170 27.5 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

12.64

600

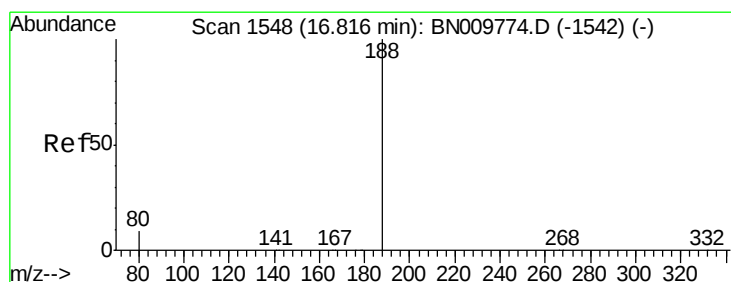
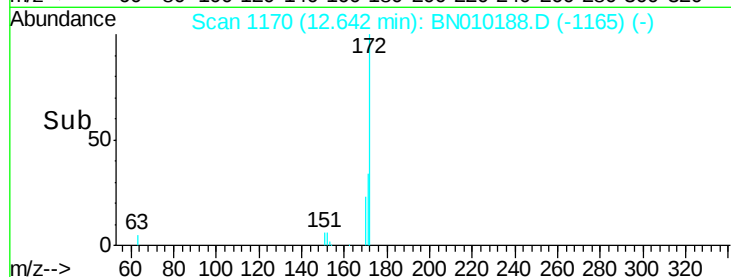
400

200

0

12.60 12.70 12.80

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

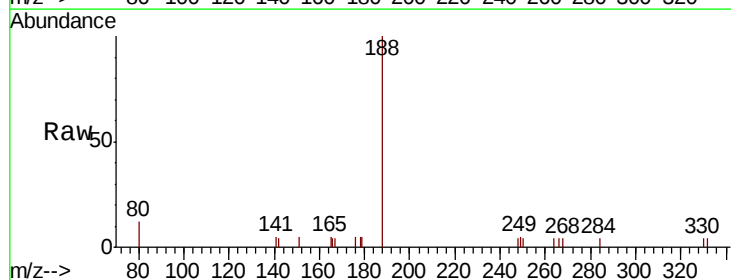
Tgt Ion:188 Resp: 3103

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 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

16.80

1500

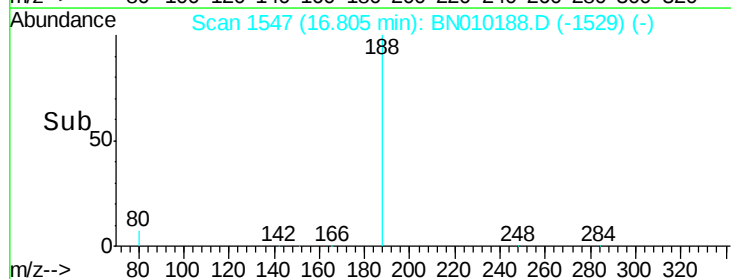
1000

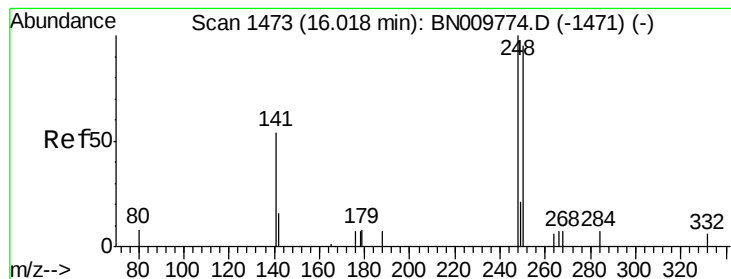
500

0

16.60 16.80 17.00

Time-->





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

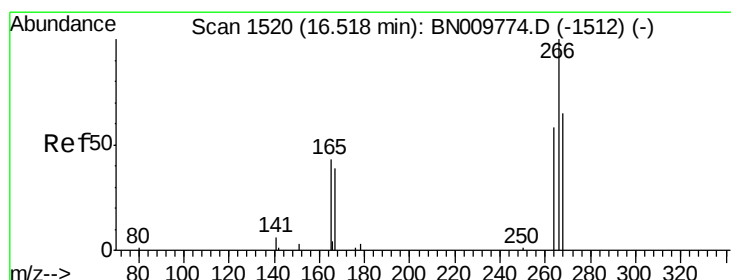
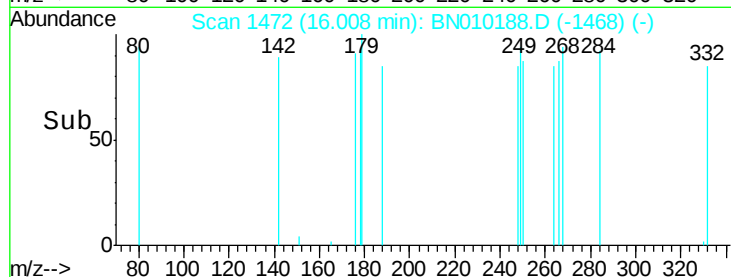
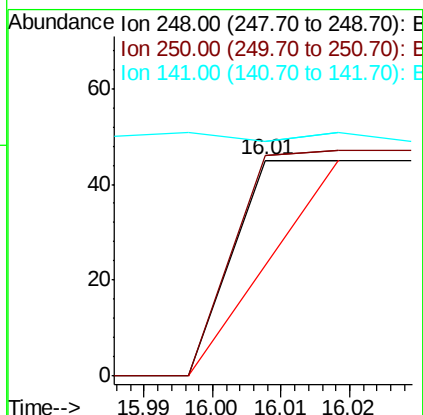
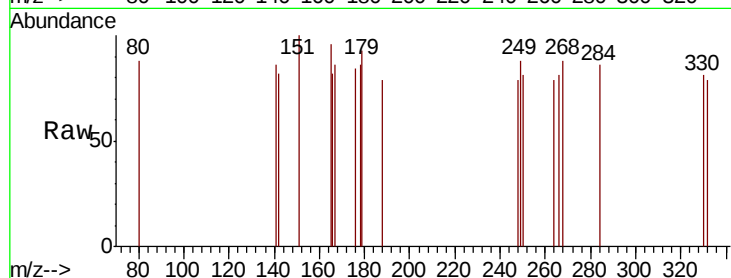
Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

Tot Ion:248	Resp:	29	
Ion Ratio	Lower	Upper	
248	100		
250	102.2	76.2	114.4
141	108.9	57.8	86.6#



#22

Pentachlorophenol

Concen: 0.205 ng

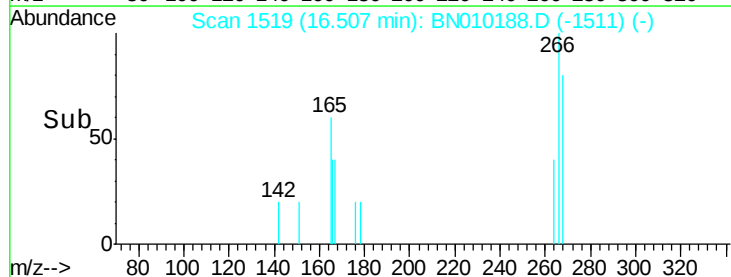
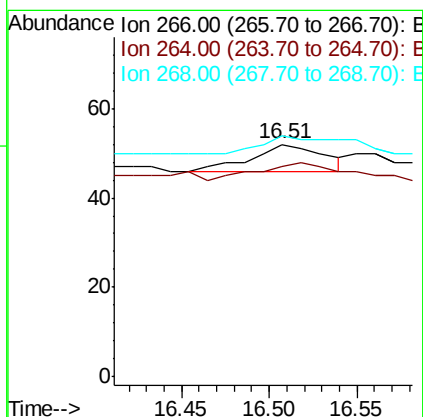
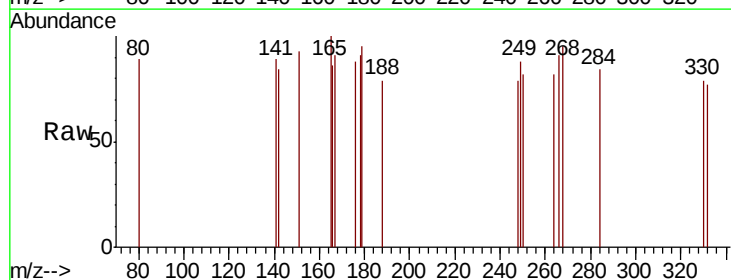
RT: 16.51 min Scan# 1519

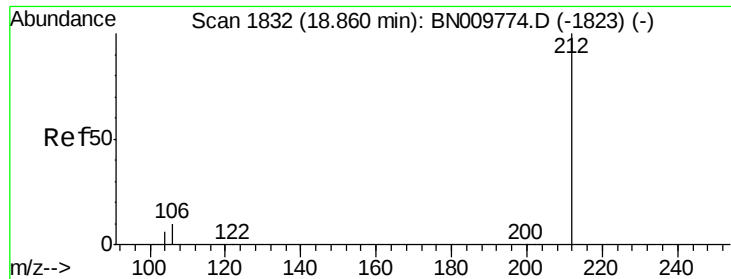
Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Tgt	Ion:266	Resp:	17
Ion	Ratio	Lower	Upper
266	100		
264	90.4	58.1	87.1#
268	103.8	65.7	98.5#

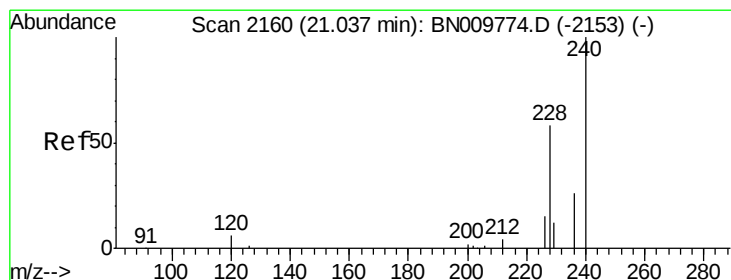
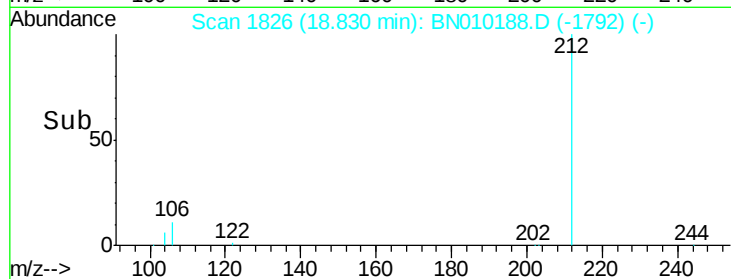
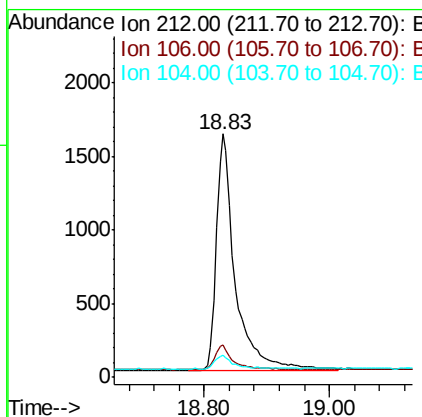
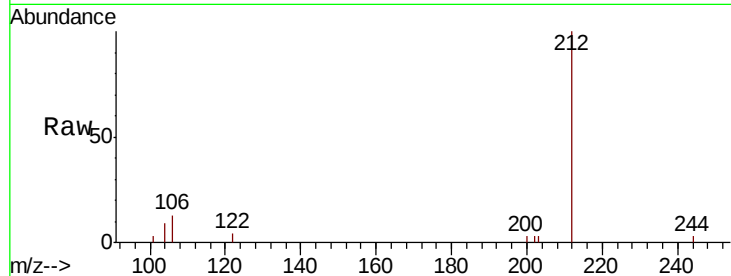




#25
 Fluoranthene-d10
 Concen: 0.316 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010188.D
 Acq: 11 Mar 2020 12:21

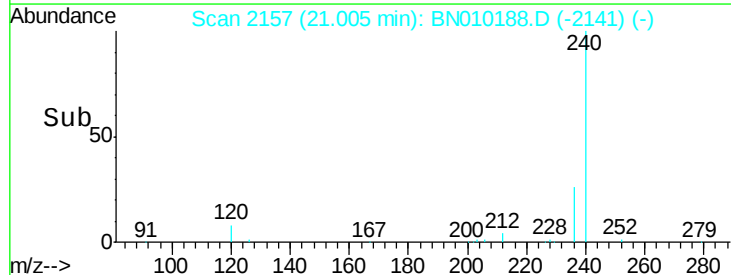
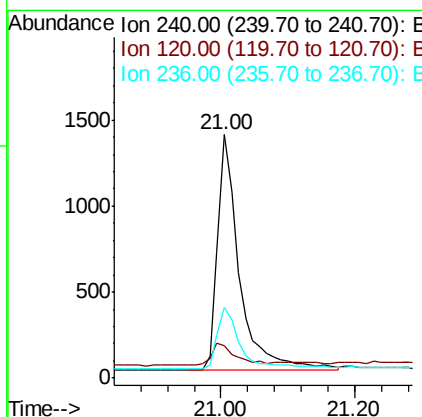
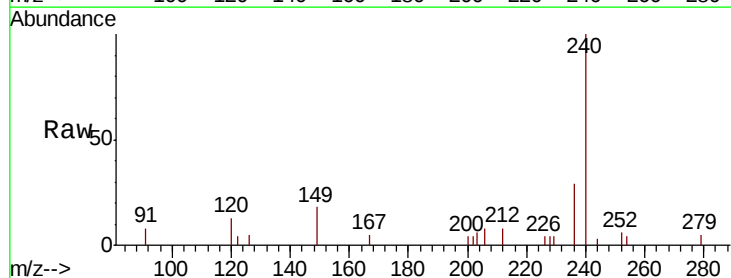
Instrument :
 BNA_N
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 RE139D1-20200306

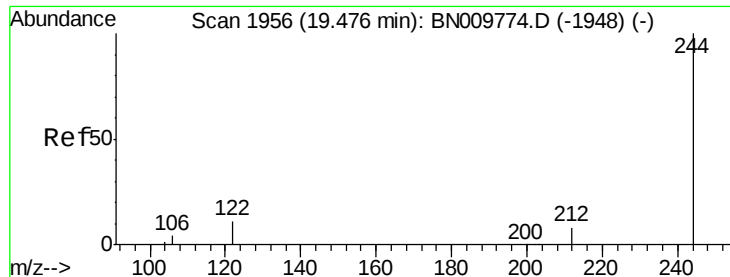
Tot Ion:212 Resp: 3394
 Ion Ratio Lower Upper
 212 100
 106 9.8 8.4 12.6
 104 6.0 4.8 7.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.03 min
 Lab File: BN010188.D
 Acq: 11 Mar 2020 12:21

Tgt Ion:240 Resp: 3053
 Ion Ratio Lower Upper
 240 100
 120 13.4 7.9 11.9#
 236 29.0 22.0 33.0





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

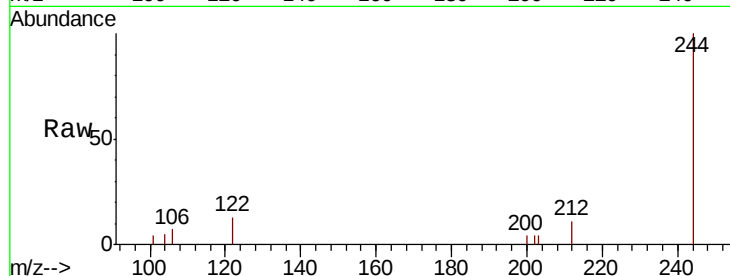
Tot Ion:244 Resp: 2911

Ion Ratio Lower Upper

244 100

212 11.5 8.0 12.0

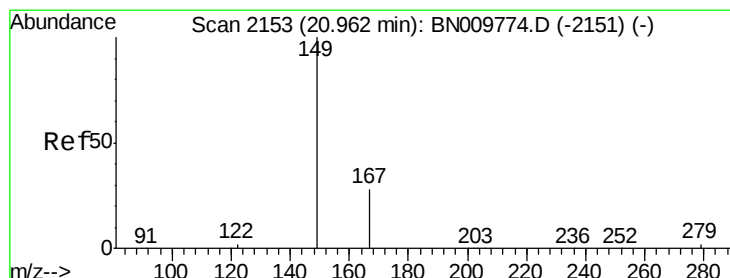
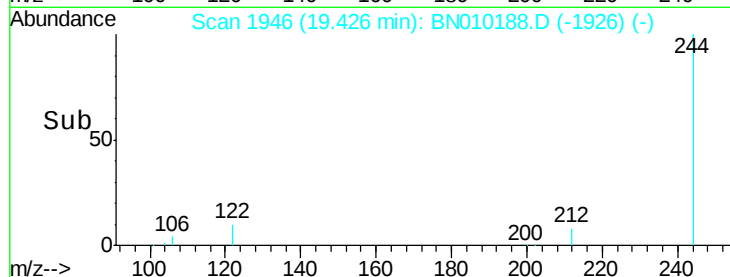
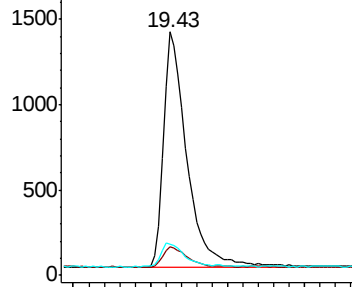
122 13.0 10.0 15.0



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: 0.149 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

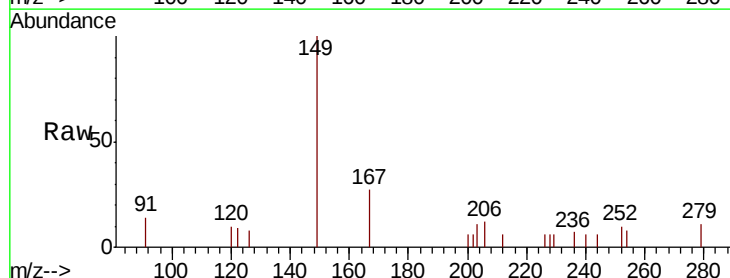
Tgt Ion:149 Resp: 736

Ion Ratio Lower Upper

149 100

167 25.1 22.7 34.1

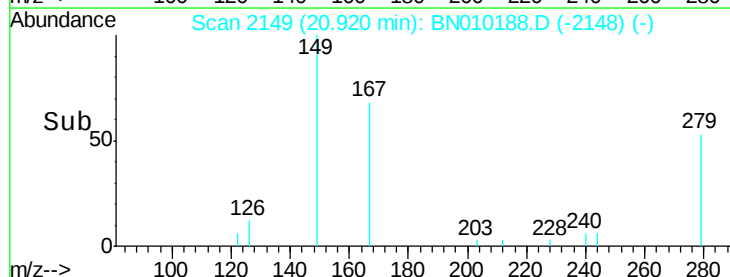
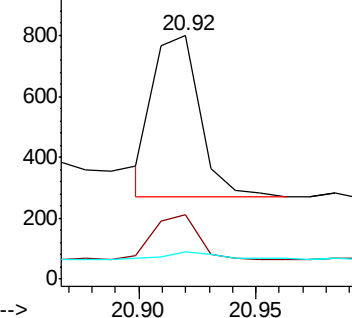
279 4.9 3.1 4.7#

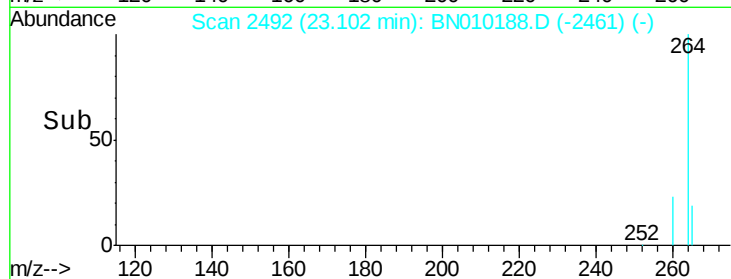
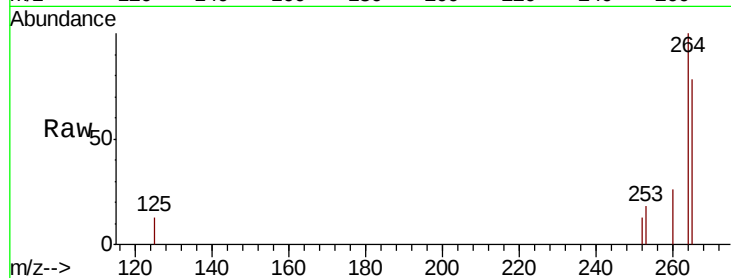
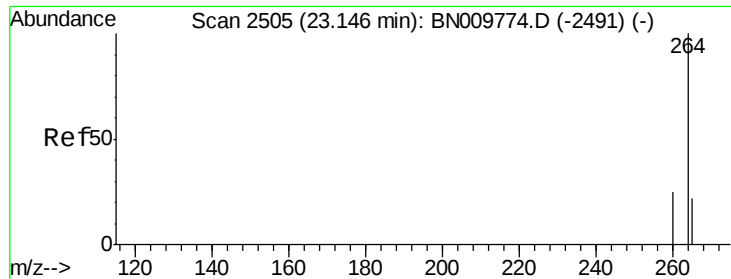


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

ClientSampleId :

RE139D1-20200306

Tot Ion: 264 Resp: 3076

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

265 78.0 57.5 86.3

