

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010166.D
 Acq On : 10 Mar 2020 18:52
 Operator : CG/JU
 Sample : L1842-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

Quant Time: Mar 11 03:22:30 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

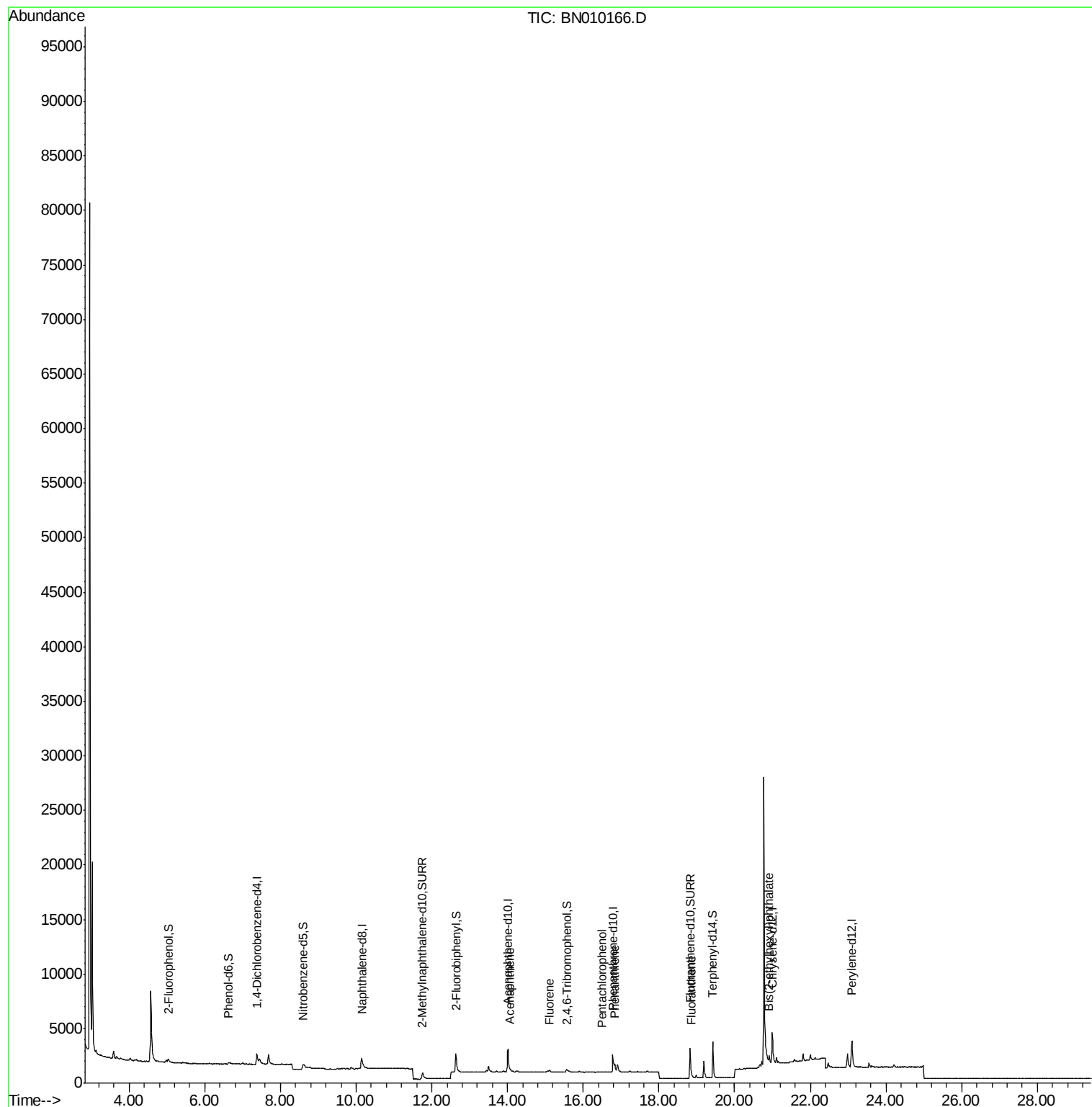
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	825	0.40	ng	-0.05
7) Naphthalene-d8	10.15	136	2579	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1708	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3427	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3823	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3936	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	390	0.21	ng	-0.04
5) Phenol-d6	6.63	99	206	0.09	ng	-0.02
8) Nitrobenzene-d5	8.59	82	884	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	1736	0.35	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	227	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2660	0.41	ng	-0.04
25) Fluoranthene-d10	18.82	212	4455	0.38	ng	-0.03
29) Terphenyl-d14	19.43	244	4433	0.49	ng	-0.05
Target Compounds						
17) Acenaphthene	14.07	154	106	0.021	ng	Qvalue 90
18) Fluorene	15.10	166	233	0.034	ng	96
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal	#	75
22) Pentachlorophenol	16.49	266	1	0.180	ng	# 74
23) Phenanthrene	16.83	178	920	0.090	ng	97
26) Fluoranthene	18.85	202	254	0.021	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	751	0.121	ng	# 86

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

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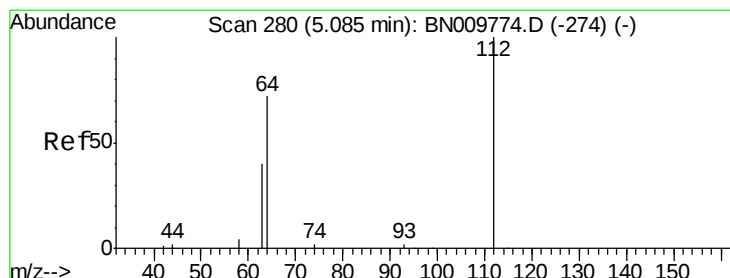
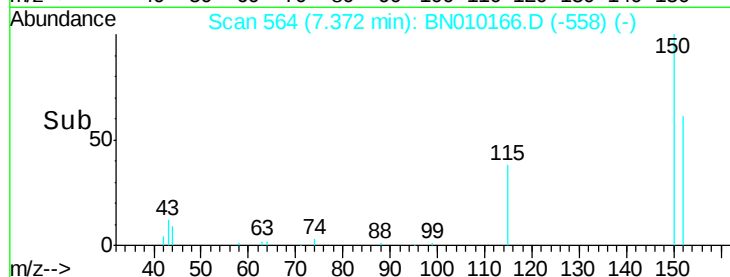
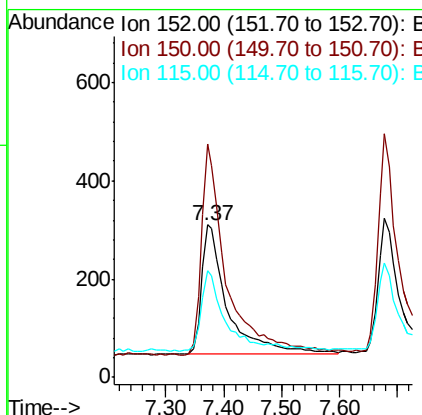
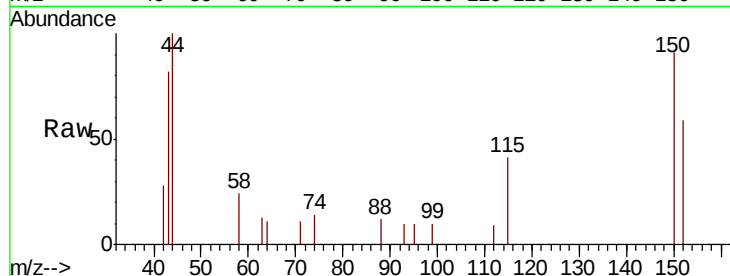


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.37 min Scan# 564
 Delta R.T. -0.05 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

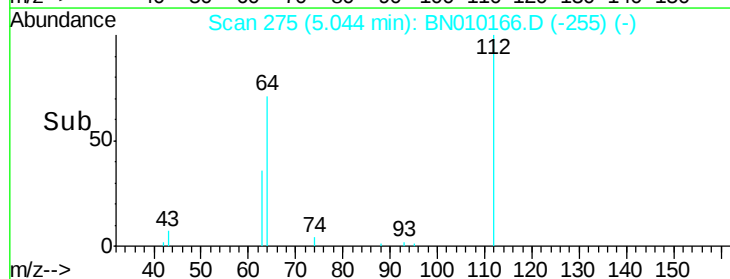
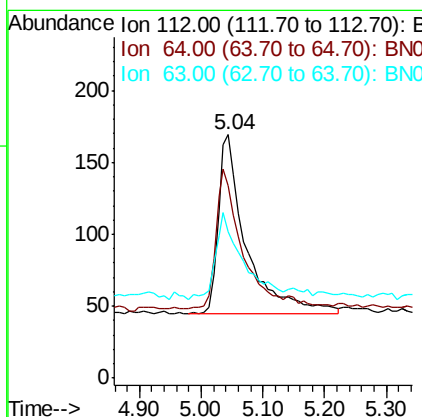
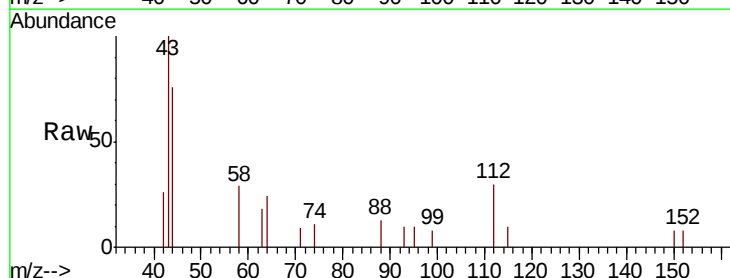
Tot Ion:152 Resp: 825
 Ion Ratio Lower Upper
 152 100
 150 153.2 120.6 181.0
 115 69.7 51.2 76.8

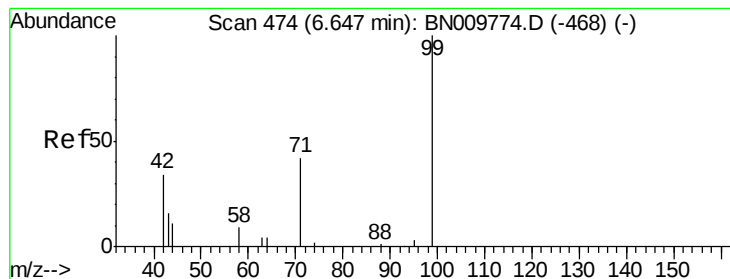


#4

2-Fluorophenol
 Concen: 0.213 ng
 RT: 5.04 min Scan# 275
 Delta R.T. -0.04 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Tgt Ion:112 Resp: 390
 Ion Ratio Lower Upper
 112 100
 64 77.7 65.8 98.6
 63 46.9 38.7 58.1





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

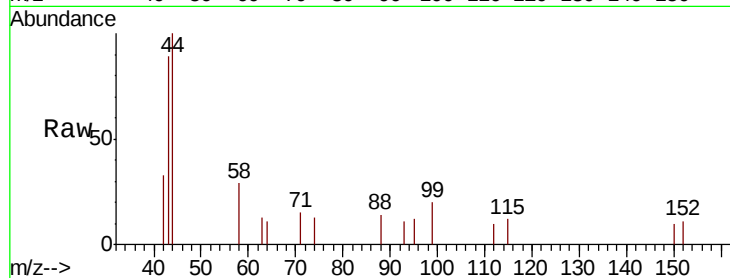
Tot Ion: 99 Resp: 206

Ion Ratio Lower Upper

99 100

42 30.1 30.8 46.2#

71 47.1 34.9 52.3

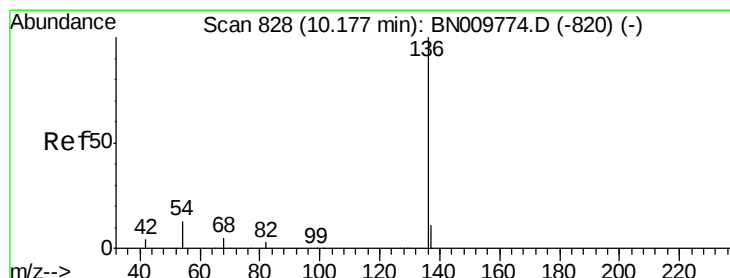
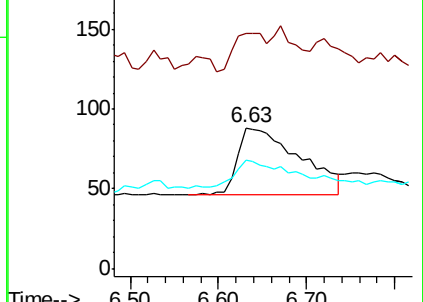
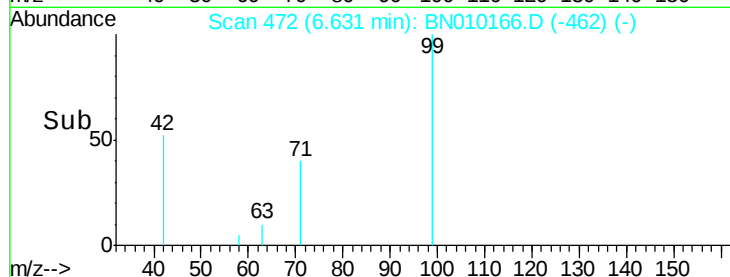


Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Tgt Ion: 136 Resp: 2579

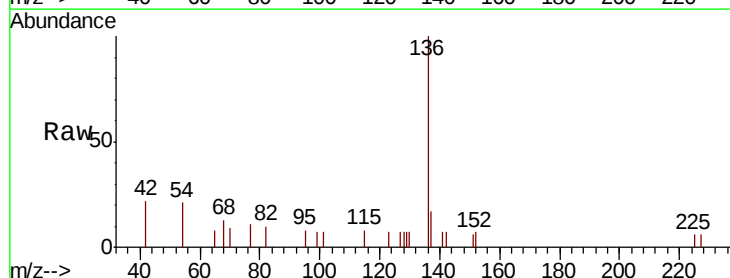
Ion Ratio Lower Upper

136 100

137 16.9 11.3 16.9#

54 21.0 13.4 20.2#

68 13.1 7.0 10.4#



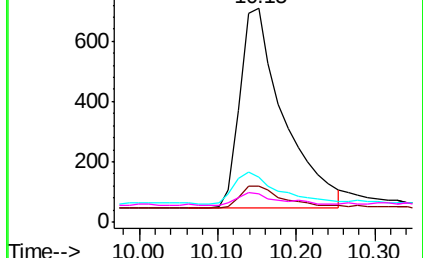
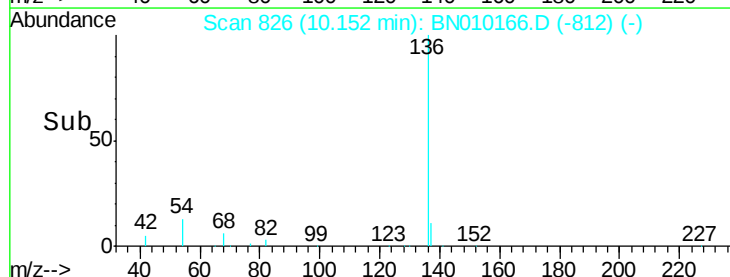
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

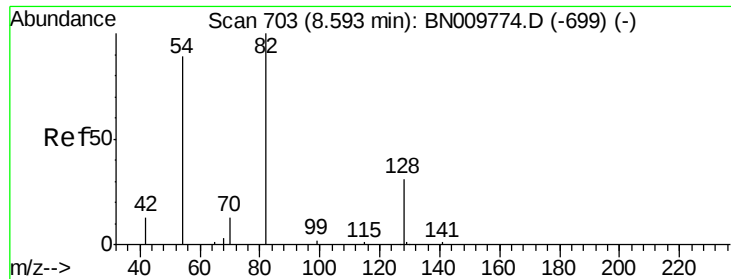
Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

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

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

Time-->

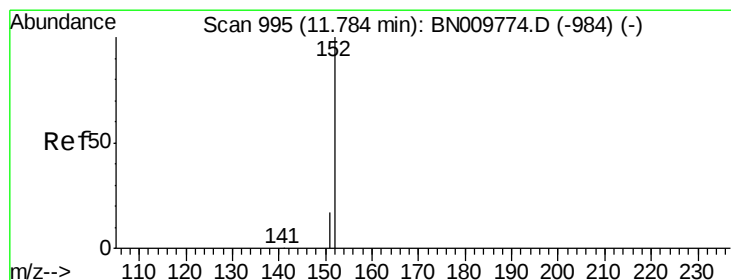
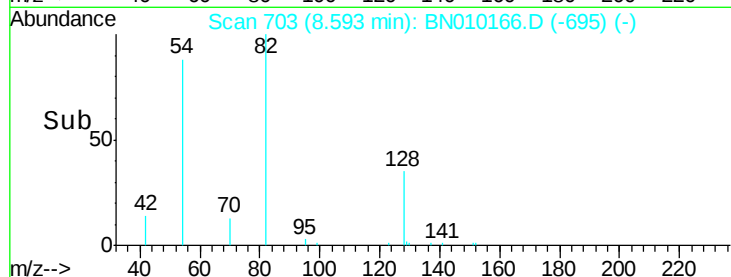
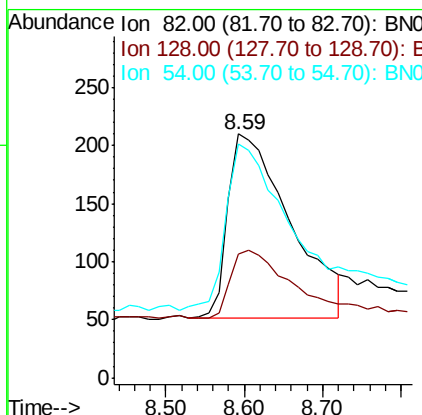
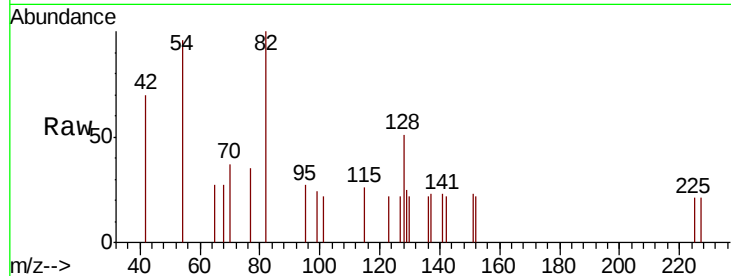




#8
 Nitrobenzene-d5
 Concen: 0.412 ng
 RT: 8.59 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

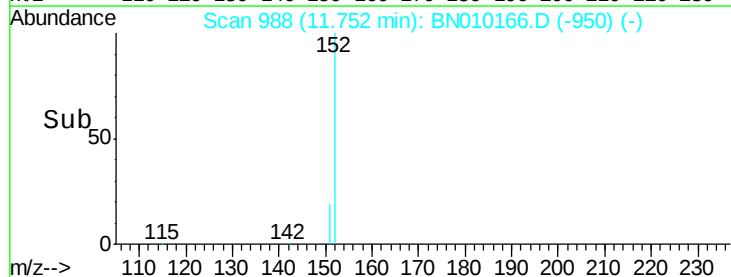
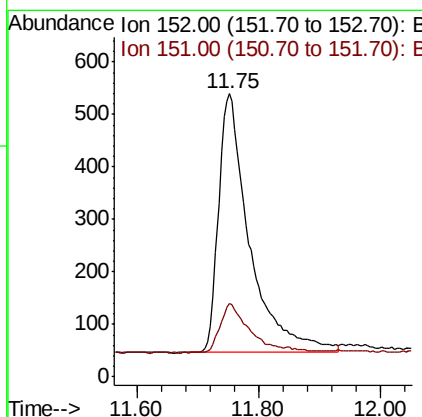
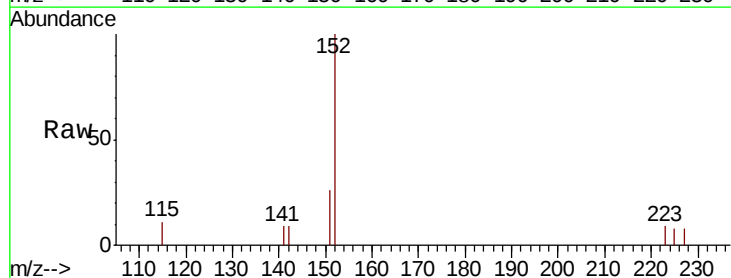
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305

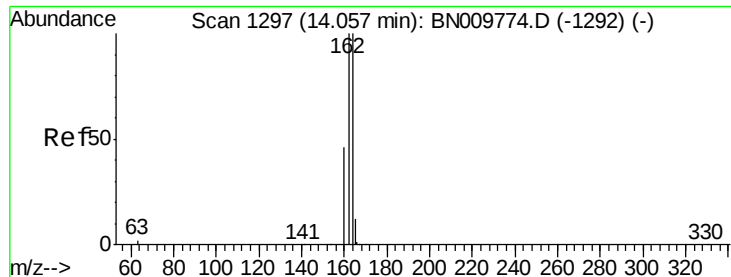
Tot Ion: 82 Resp: 884
 Ion Ratio Lower Upper
 82 100
 128 51.0 32.5 48.7#
 54 95.7 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BN010166.D
 Acq: 10 Mar 2020 18:52

Tgt Ion: 152 Resp: 1736
 Ion Ratio Lower Upper
 152 100
 151 18.2 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

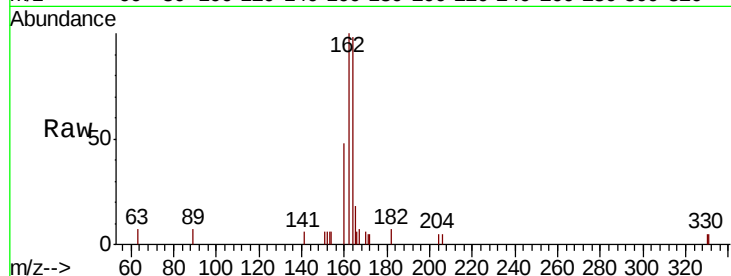
Tot Ion:164 Resp: 1708

Ion Ratio Lower Upper

164 100

162 102.4 79.9 119.9

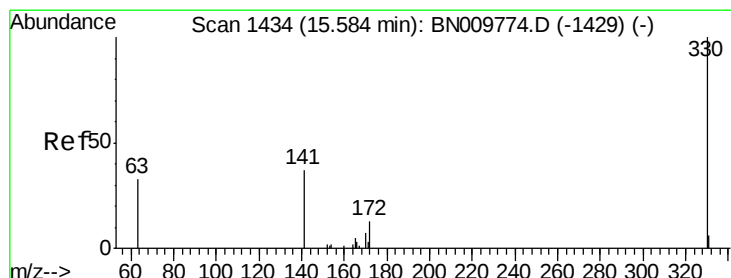
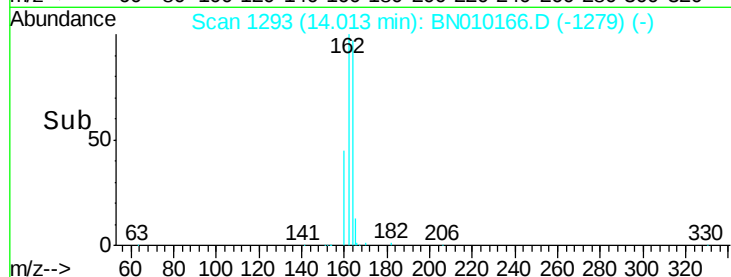
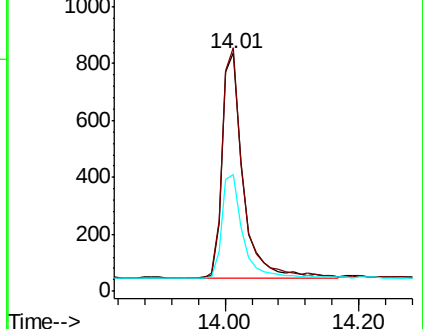
160 49.2 38.2 57.2



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: 0.345 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

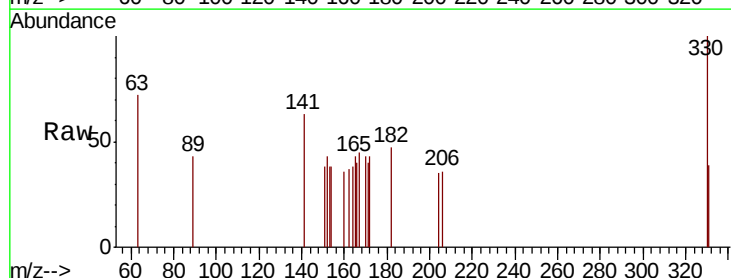
Tgt Ion:330 Resp: 227

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

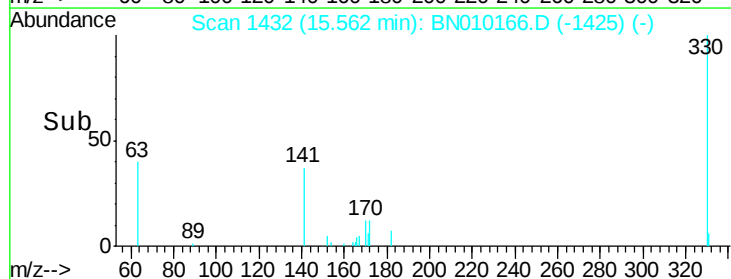
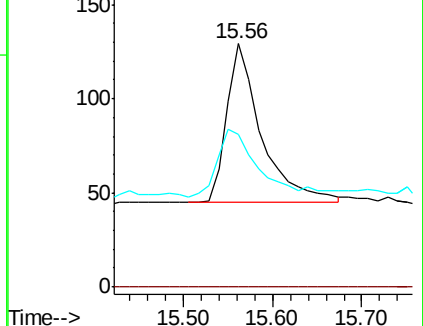
141 51.1 36.8 55.2

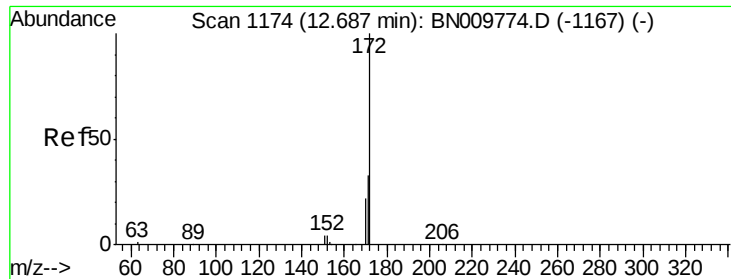


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

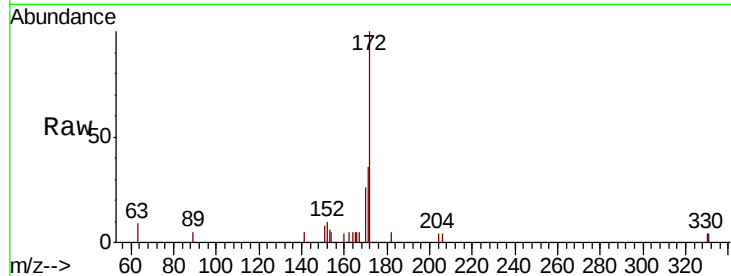




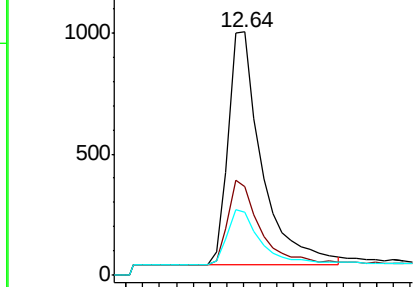
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305

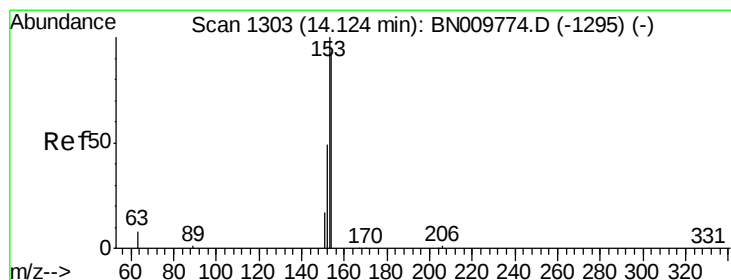
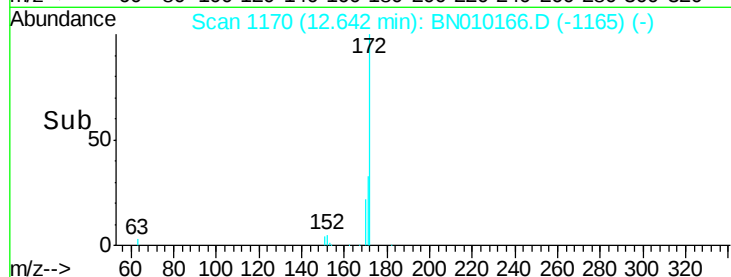
Tot Ion:172 Resp: 2660
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 25.9 20.1 30.1



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

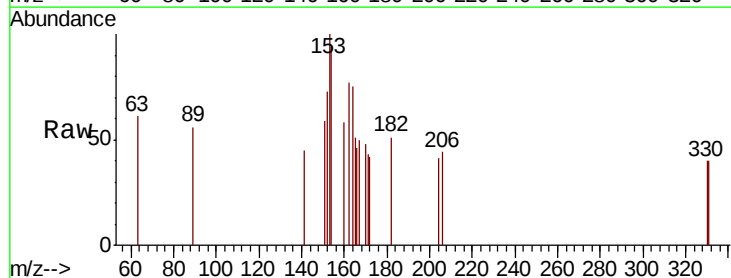


Time-->

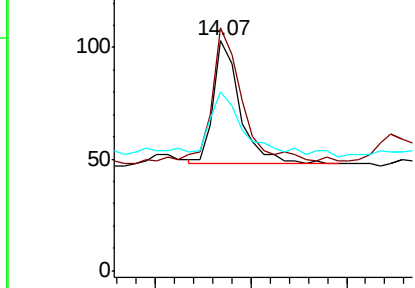


#17
Acenaphthene
Concen: 0.021 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

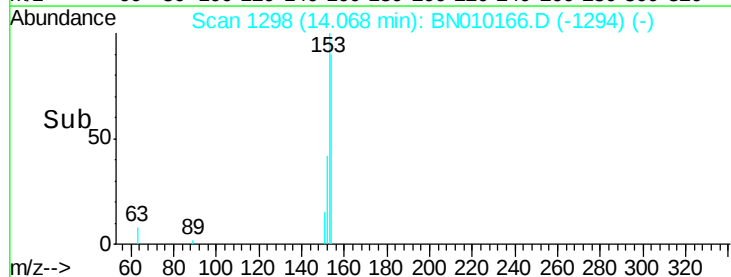
Tgt Ion:154 Resp: 106
Ion Ratio Lower Upper
154 100
153 121.7 88.9 133.3
152 63.2 44.2 66.2

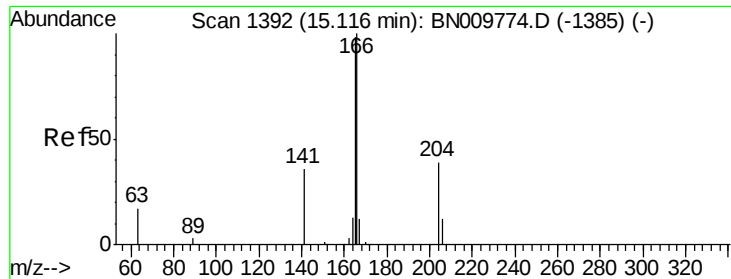


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->





#18

Fluorene

Concen: 0.034 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

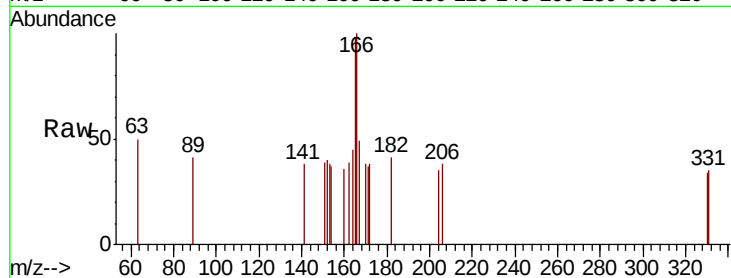
Tot Ion:166 Resp: 233

Ion Ratio Lower Upper

166 100

165 92.3 77.2 115.8

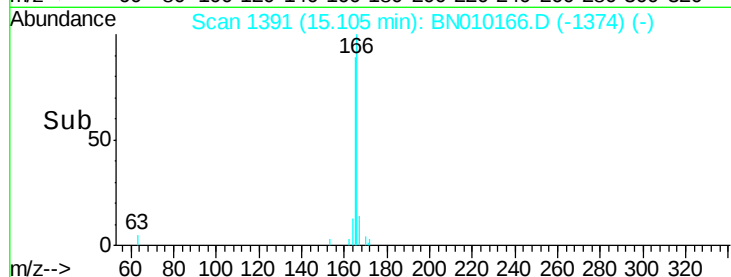
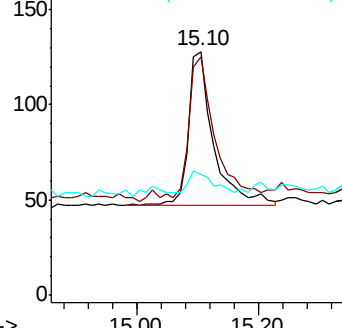
167 13.3 10.5 15.7



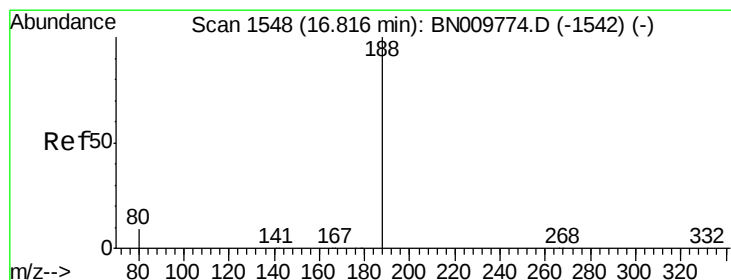
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

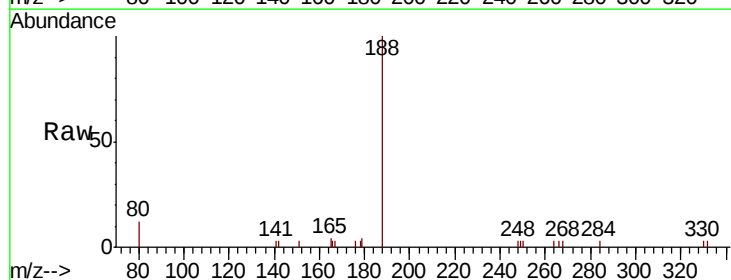
Tgt Ion:188 Resp: 3427

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

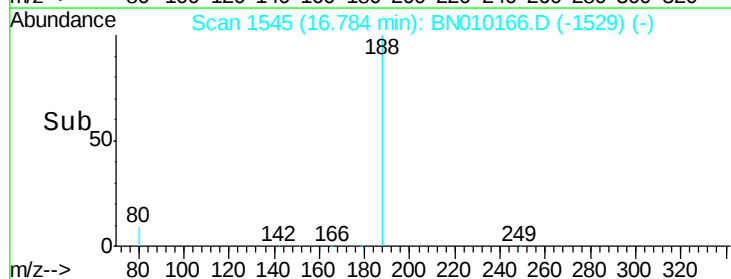
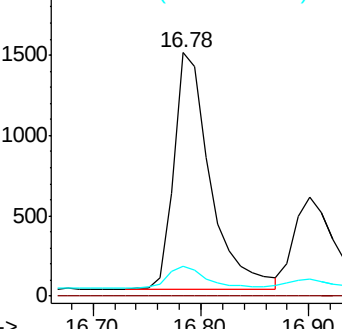
80 12.5 8.3 12.5



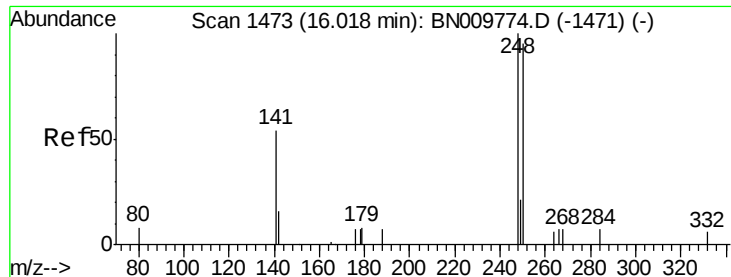
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



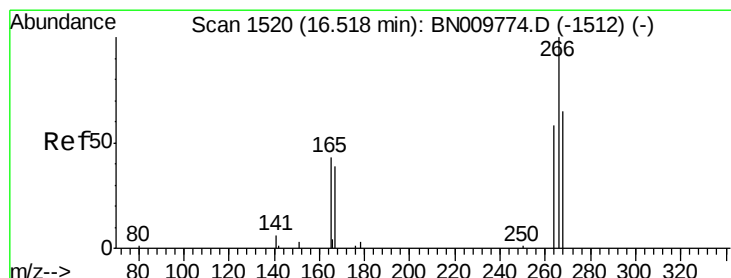
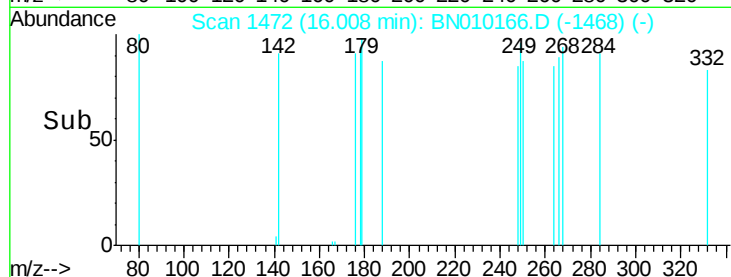
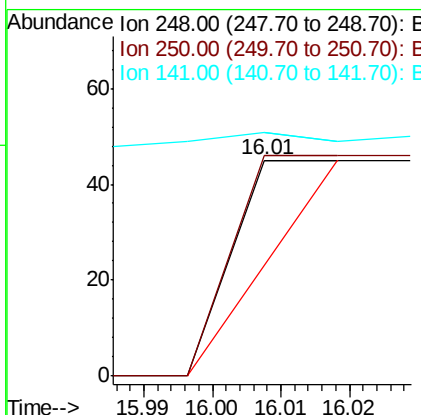
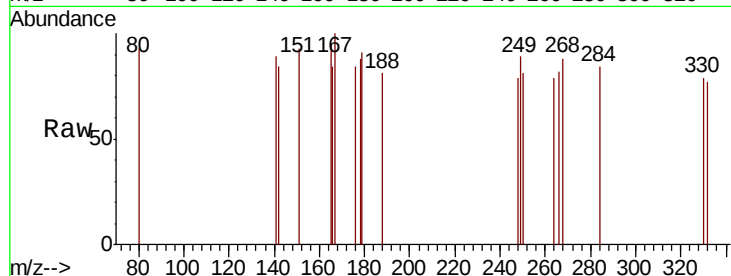
Time-->



#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

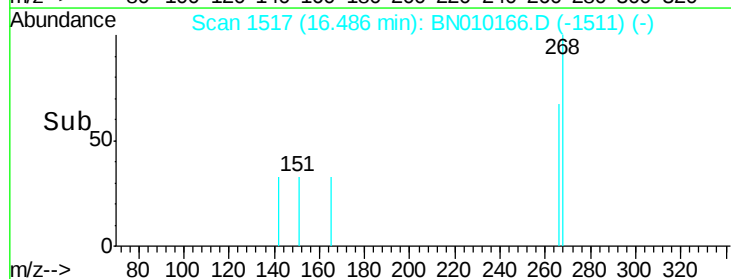
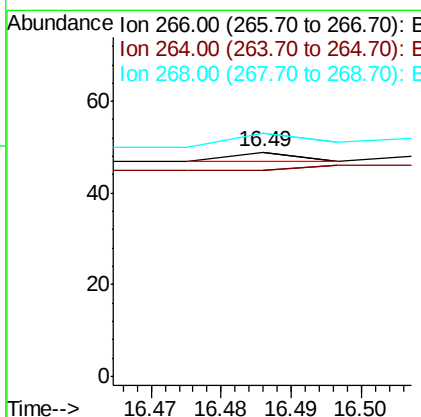
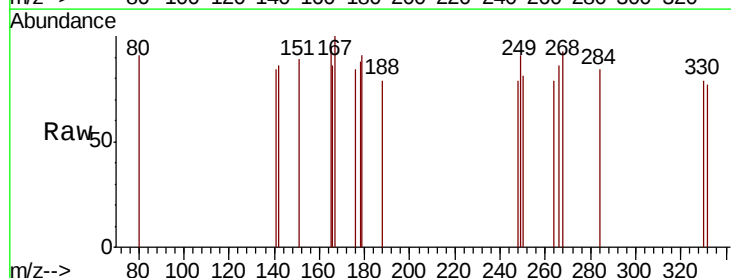
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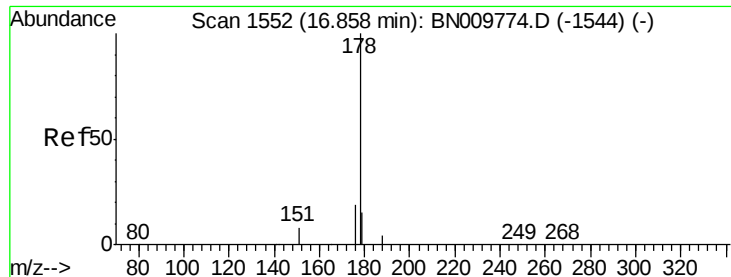
Tot Ion:248 Resp: 29
Ion Ratio Lower Upper
248 100
250 102.2 76.2 114.4
141 113.3 57.8 86.6#



#22
Pentachlorophenol
Concen: 0.180 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 91.8 58.1 87.1#
268 108.2 65.7 98.5#





#23

Phenanthrene

Concen: 0.090 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

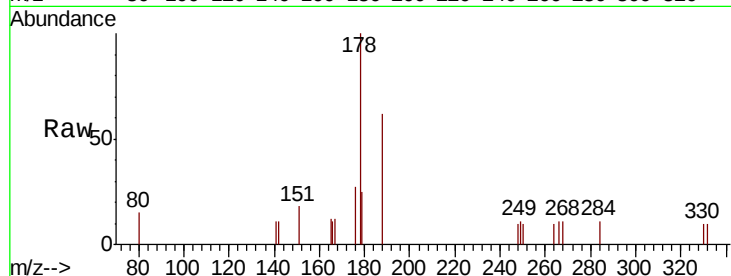
Tot Ion:178 Resp: 920

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

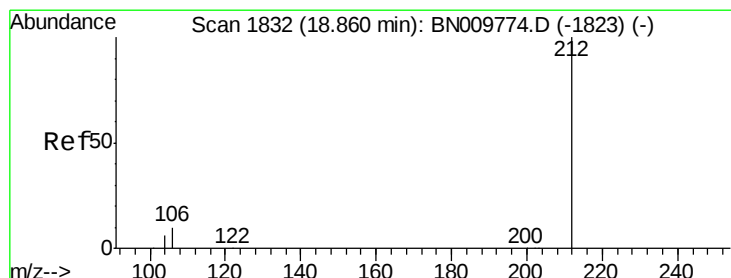
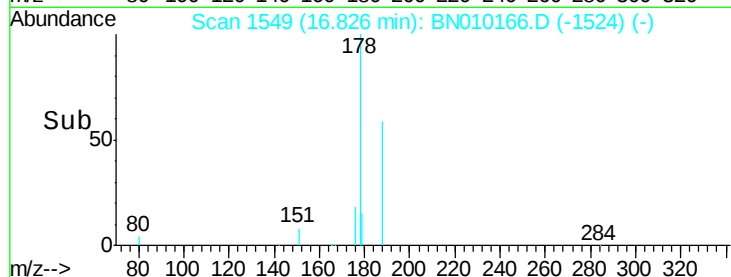
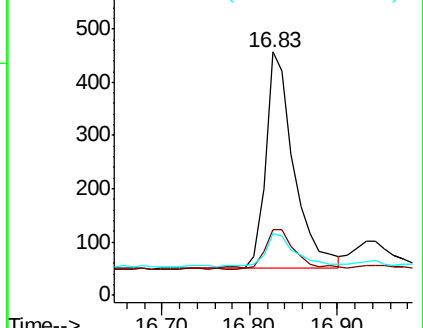
179 16.7 12.4 18.6



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: 0.376 ng

RT: 18.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

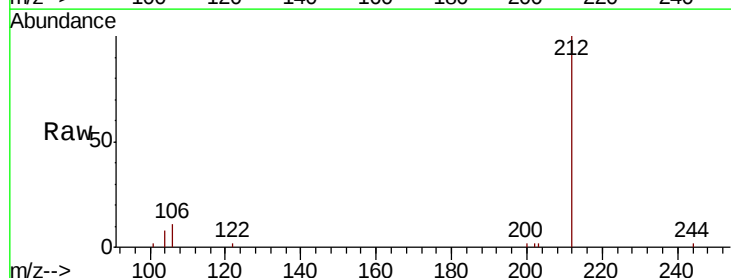
Tgt Ion:212 Resp: 4455

Ion Ratio Lower Upper

212 100

106 10.0 8.4 12.6

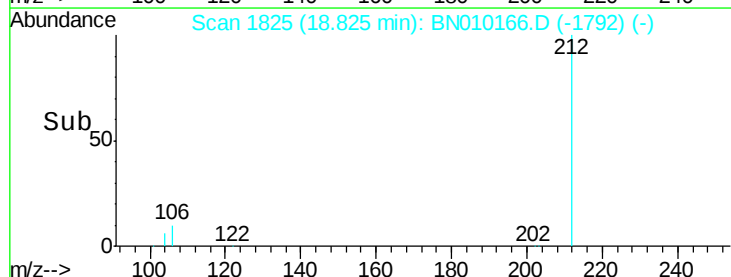
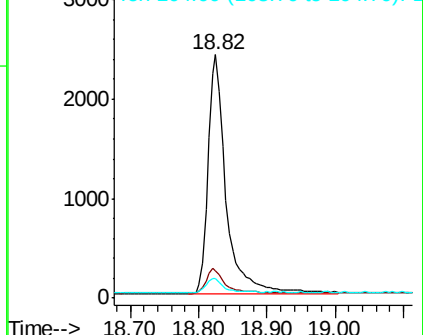
104 5.8 4.8 7.2

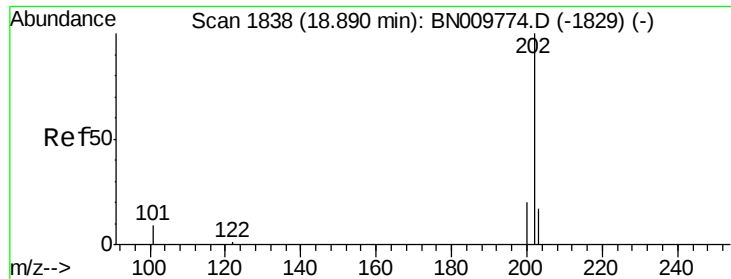


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

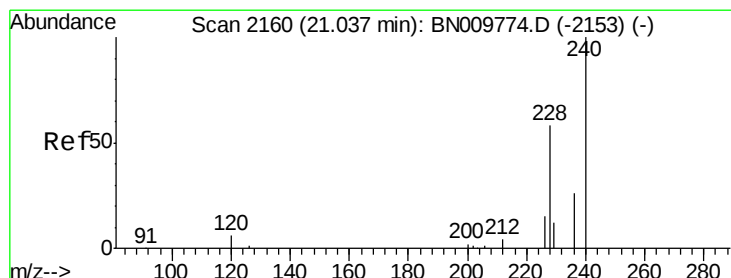
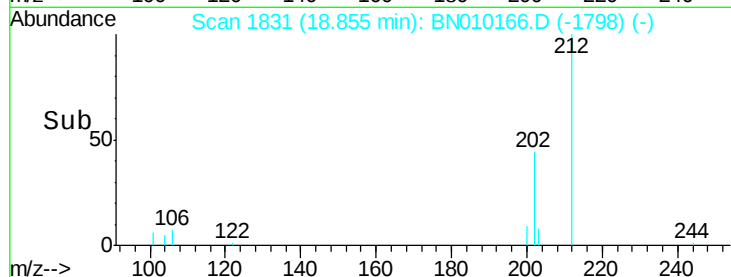
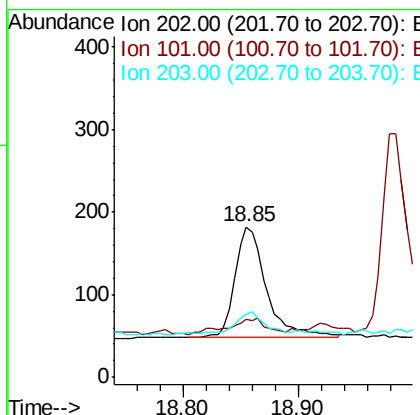
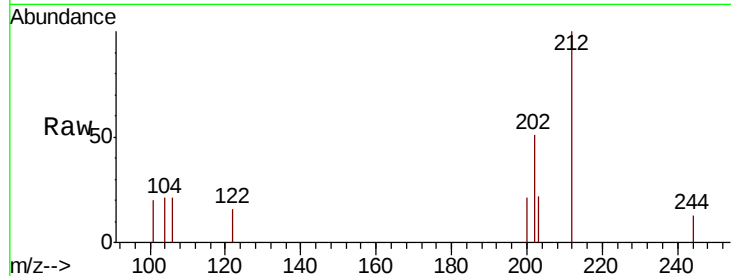




#26
Fluoranthene
Concen: 0.021 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

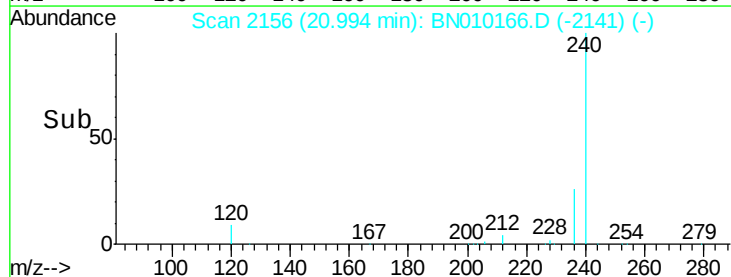
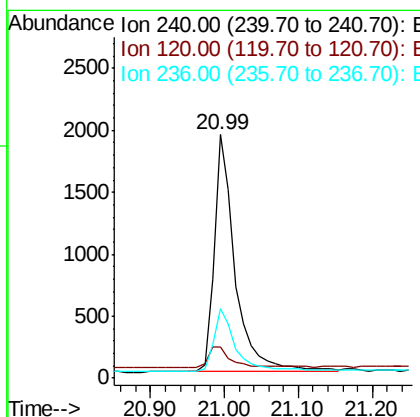
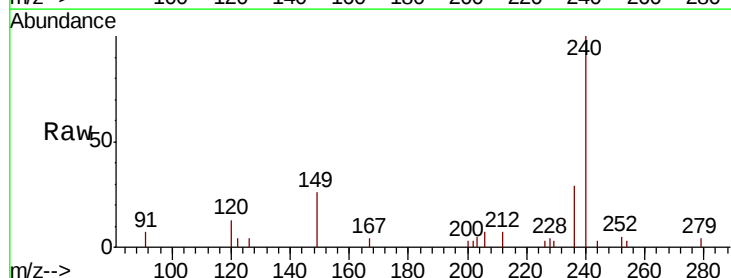
Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305

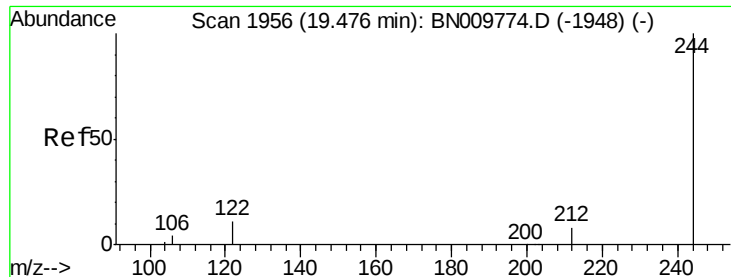
Tot Ion:202 Resp: 254
Ion Ratio Lower Upper
202 100
101 10.6 7.1 10.7
203 18.1 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010166.D
Acq: 10 Mar 2020 18:52

Tgt Ion:240 Resp: 3823
Ion Ratio Lower Upper
240 100
120 13.0 7.9 11.9#
236 28.7 22.0 33.0





#29

Terphenyl-d14

Concen: 0.485 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

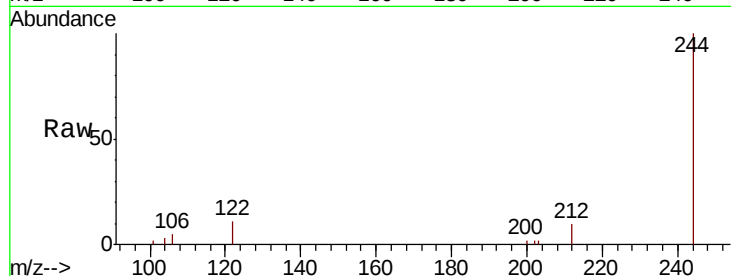
Tot Ion:244 Resp: 4433

Ion Ratio Lower Upper

244 100

212 9.9 8.0 12.0

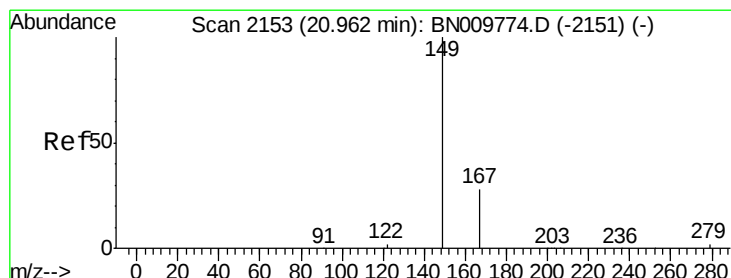
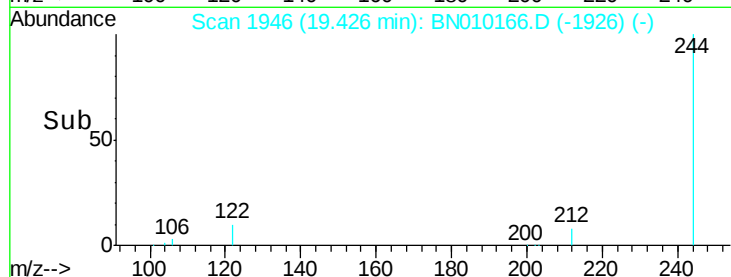
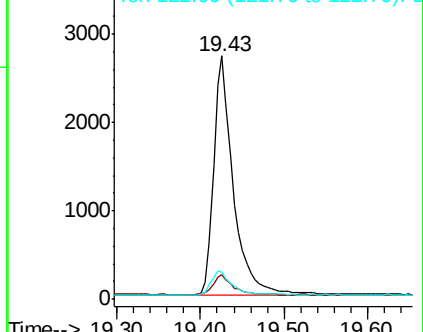
122 11.3 10.0 15.0



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: 0.121 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

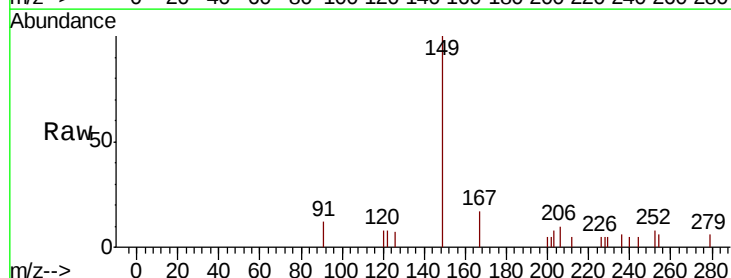
Tgt Ion:149 Resp: 751

Ion Ratio Lower Upper

149 100

167 19.8 22.7 34.1#

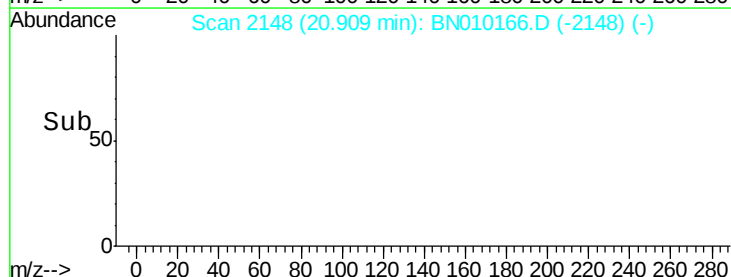
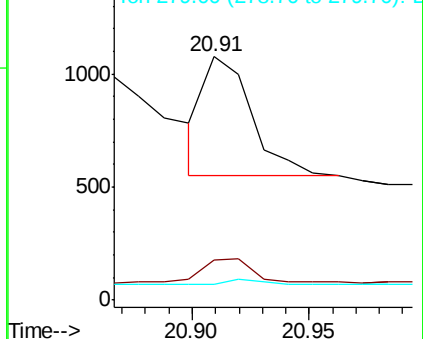
279 3.2 3.1 4.7

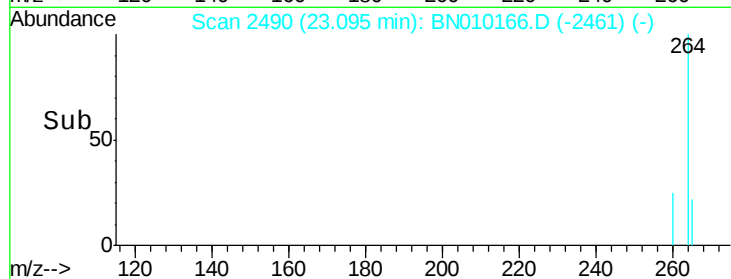
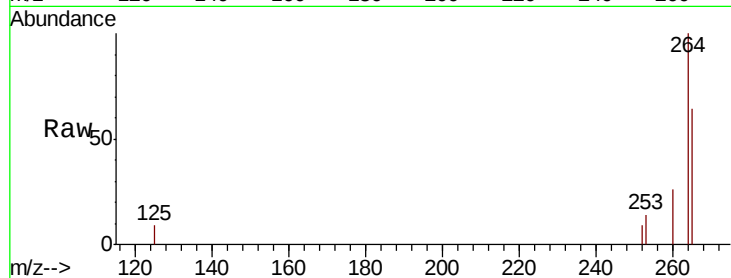
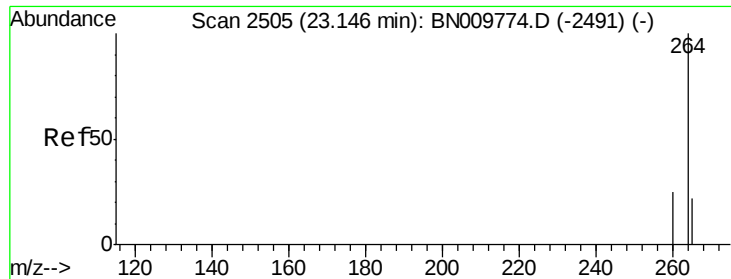


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.09 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BN010166.D

Acq: 10 Mar 2020 18:52

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305

Tot Ion:264 Resp: 3936

Ion Ratio Lower Upper

264 100

260 25.5 21.1 31.7

265 64.2 57.5 86.3

