

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010182.D
 Acq On : 11 Mar 2020 08:44
 Operator : CG/JU
 Sample : L1842-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20200305

Quant Time: Mar 11 13:26:20 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

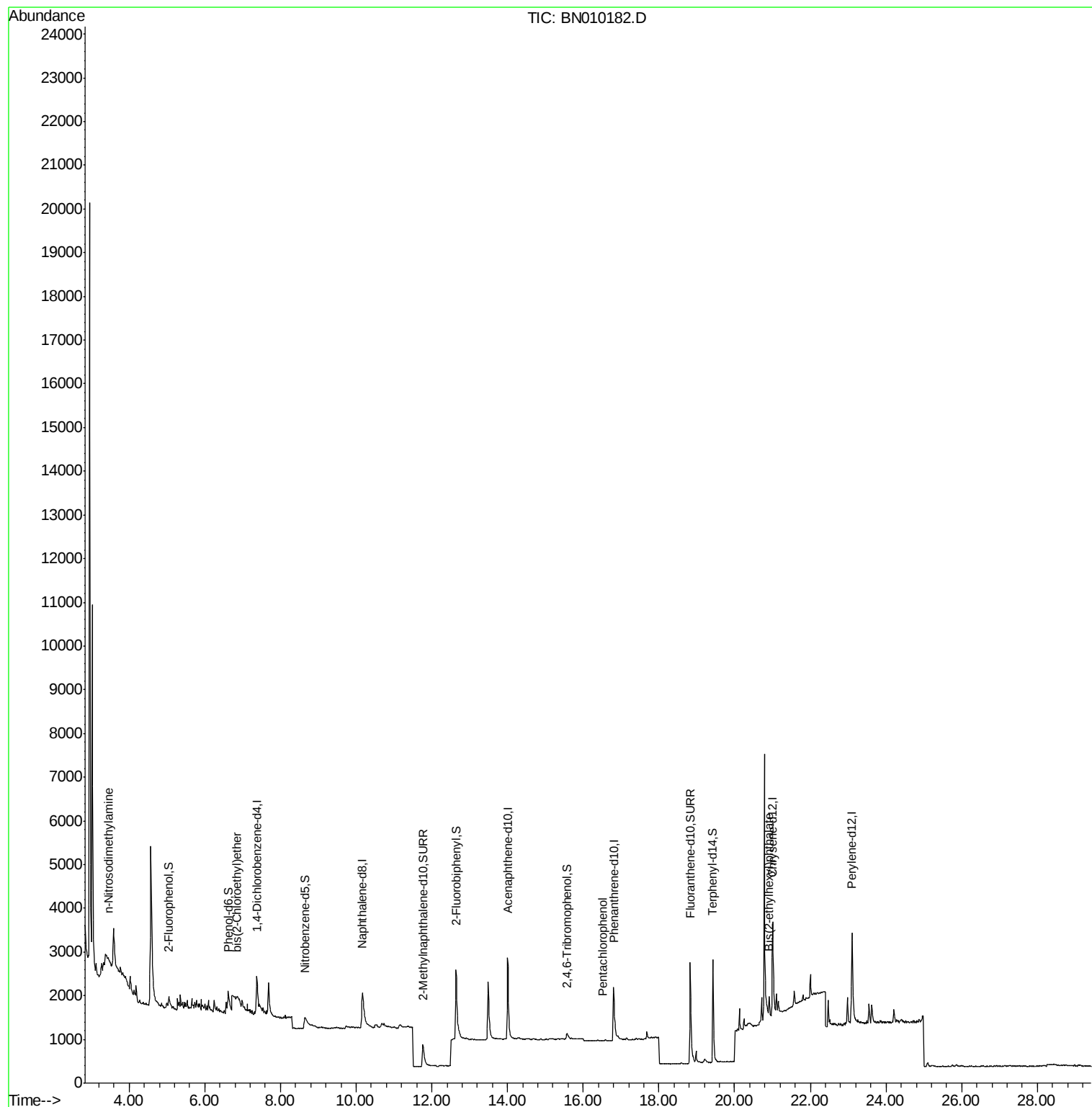
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	786	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	2392	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1617	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3311	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3368	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3756	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	300	0.17	ng	-0.02
5) Phenol-d6	6.61	99	206	0.10	ng	-0.04
8) Nitrobenzene-d5	8.64	82	570	0.29	ng	0.05
11) 2-Methylnaphthalene-d10	11.77	152	1550	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	186	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	2645	0.43	ng	-0.04
25) Fluoranthene-d10	18.83	212	4236	0.37	ng	-0.03
29) Terphenyl-d14	19.43	244	3659	0.45	ng	-0.05
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	30	0.023	ng	# 54
6) bis(2-Chloroethyl)ether	6.85	93	67	0.032	ng	# 24
20) 4-Bromophenyl-phenylether	16.04	248	175	Below Cal		# 81
22) Pentachlorophenol	16.51	266	4	0.184	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.91	149	493	0.090	ng	91

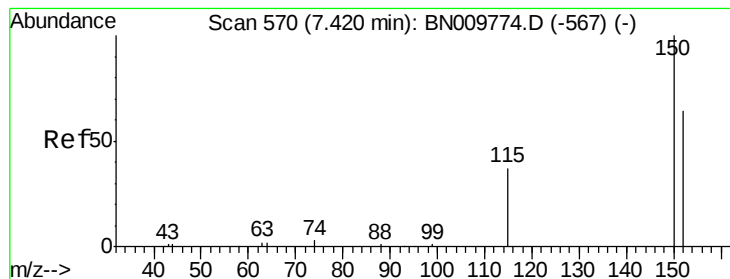
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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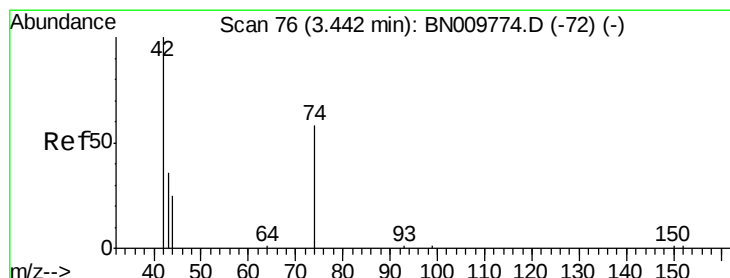
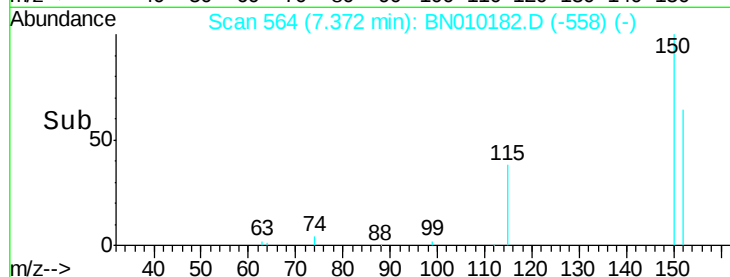
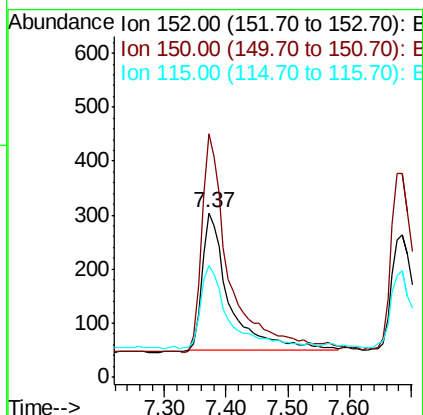
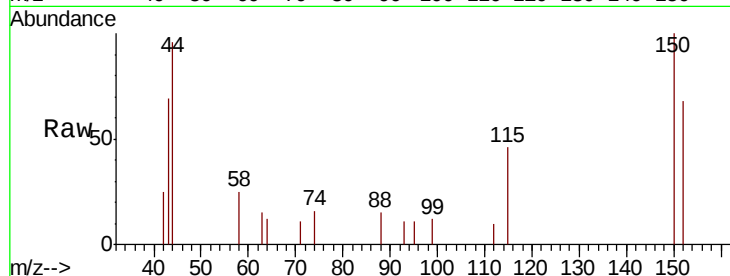


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

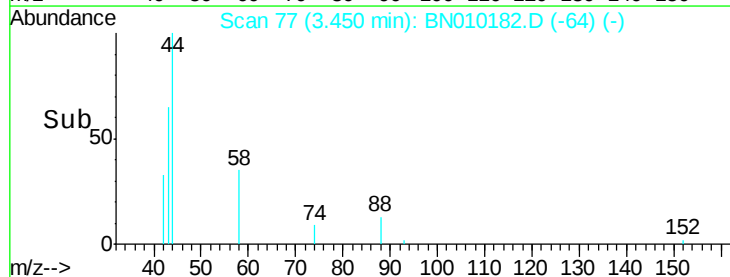
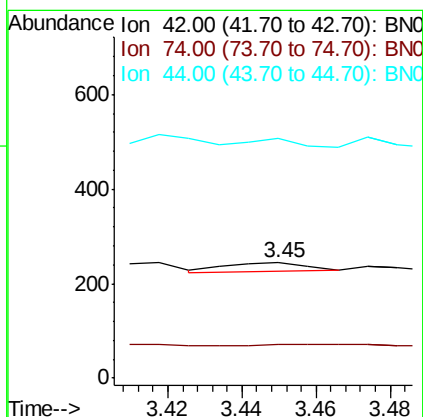
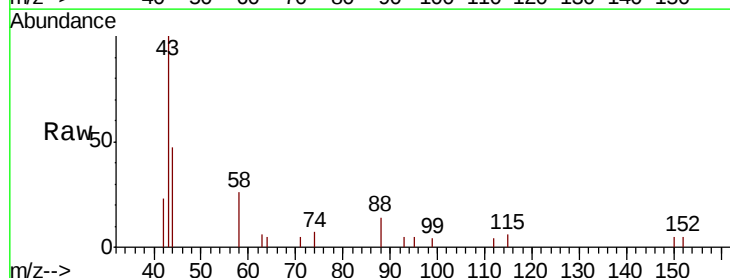
Tot Ion:152 Resp: 786
Ion Ratio Lower Upper
152 100
150 147.9 120.6 181.0
115 67.9 51.2 76.8

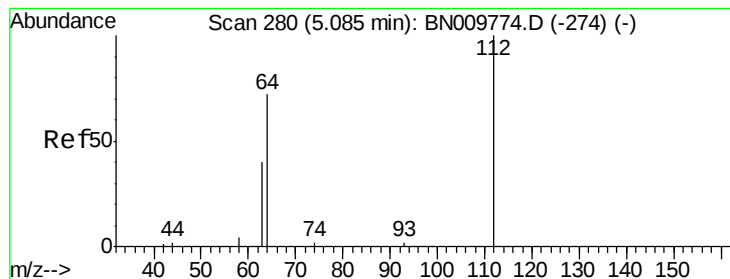


#3

n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.45 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 26.7 51.2 76.8#
44 0.0 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

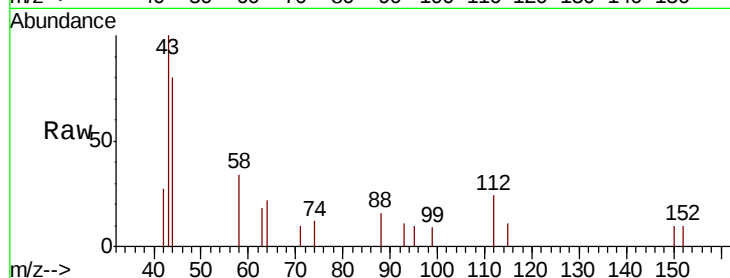
Tot Ion:112 Resp: 300

Ion Ratio Lower Upper

112 100

64 83.7 65.8 98.6

63 45.0 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

5.06

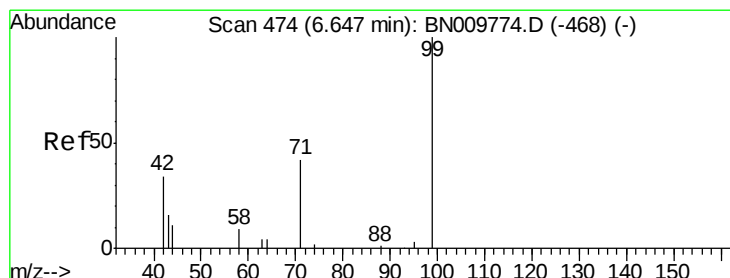
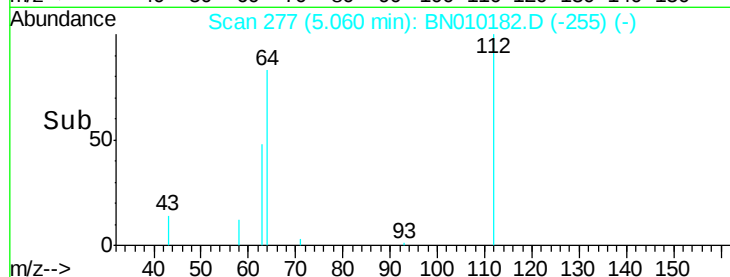
100

50

0

Time-->

4.90 5.00 5.10 5.20 5.30



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.61 min Scan# 469

Delta R.T. -0.04 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

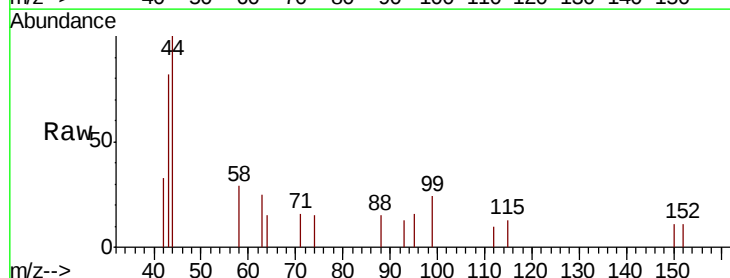
Tgt Ion: 99 Resp: 206

Ion Ratio Lower Upper

99 100

42 115.0 30.8 46.2#

71 38.8 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

200

150

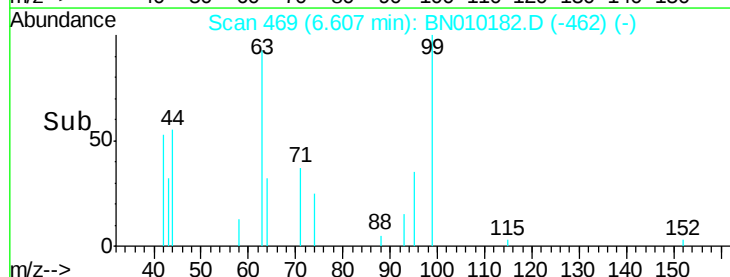
100

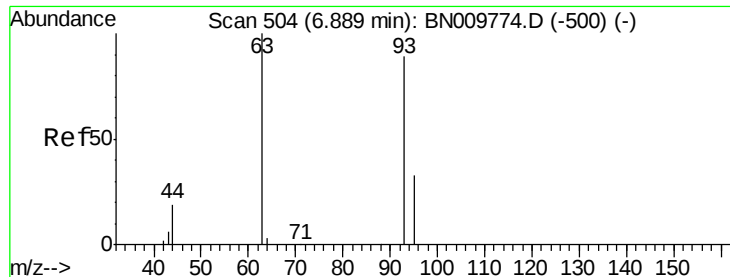
50

0

Time-->

6.50 6.60 6.70





#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.04 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

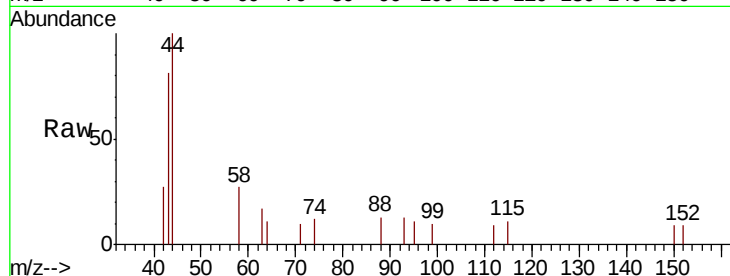
Tot Ion: 93 Resp: 67

Ion Ratio Lower Upper

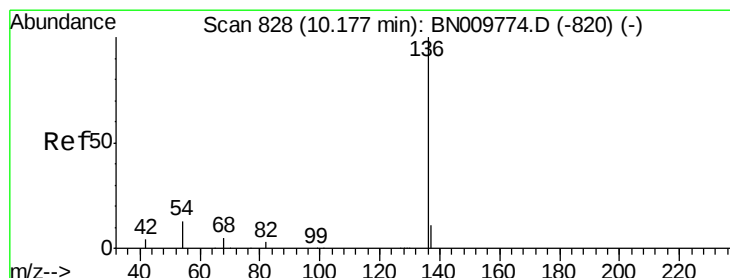
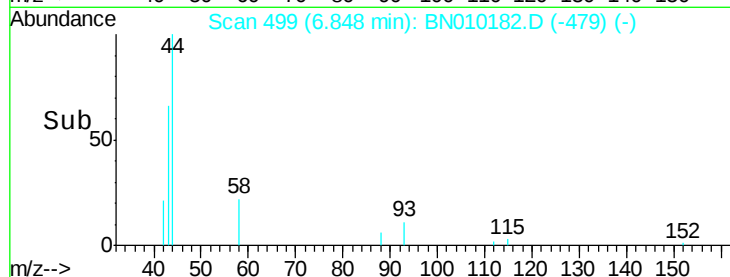
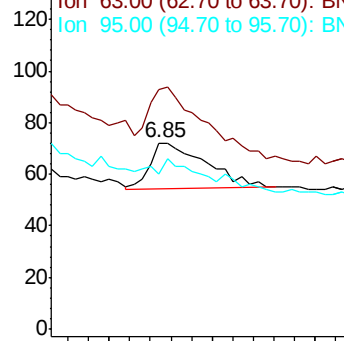
93 100

63 183.6 74.0 111.0#

95 20.9 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Tgt Ion: 136 Resp: 2392

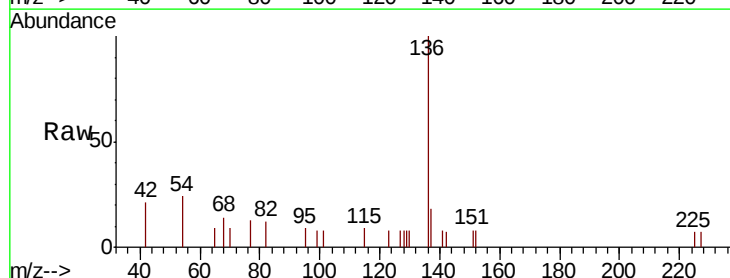
Ion Ratio Lower Upper

136 100

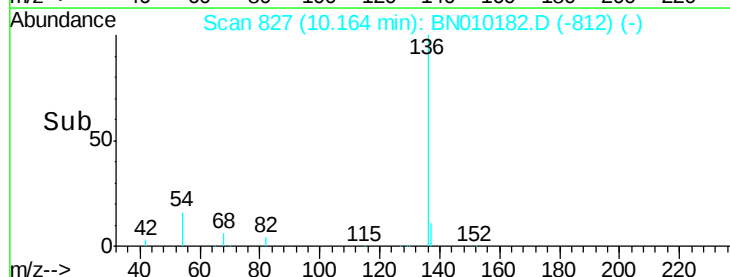
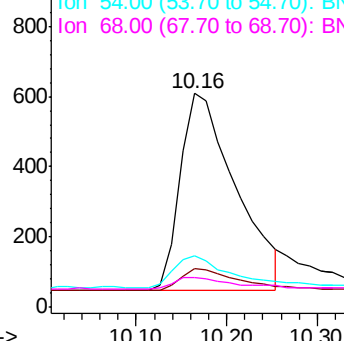
137 18.1 11.3 16.9#

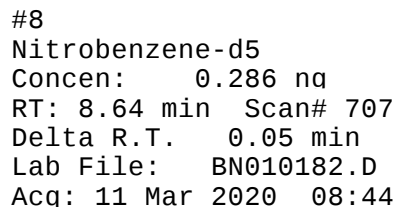
54 23.8 13.4 20.2#

68 14.1 7.0 10.4#



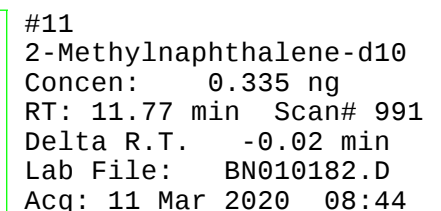
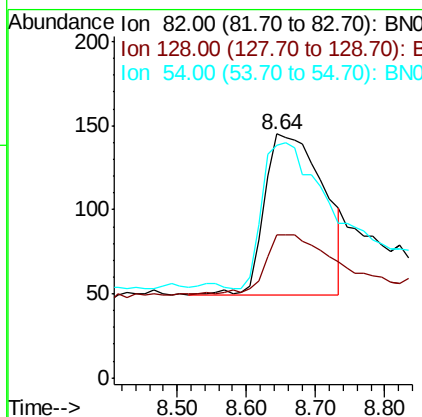
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)



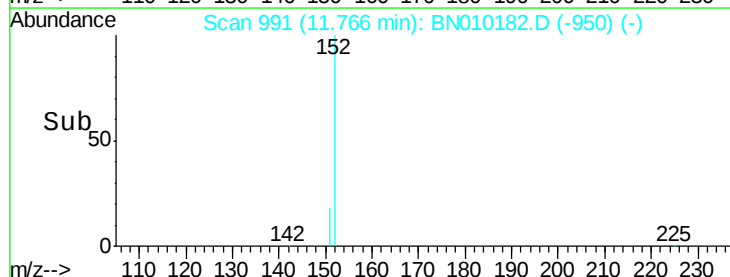
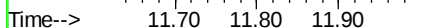
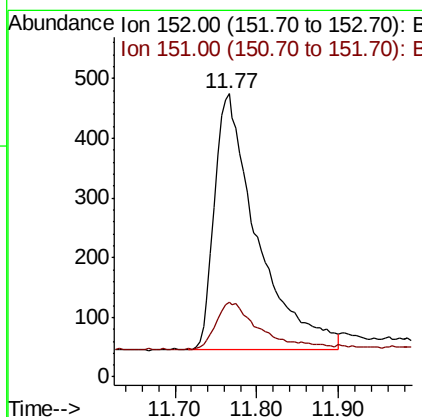


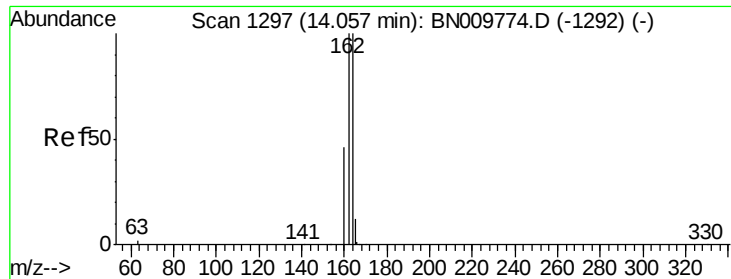
Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

Tot	Ion: 82	Resp:	570
Ion	Ratio	Lower	Upper
82	100		
128	58.6	32.5	48.7#
54	95.2	73.5	110.3



Tgt	Ion:152	Resp:	1550
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

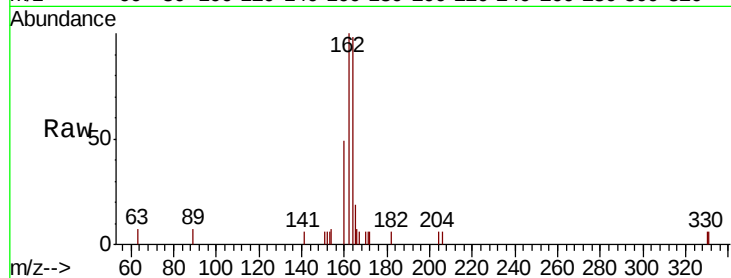
Tot Ion:164 Resp: 1617

Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

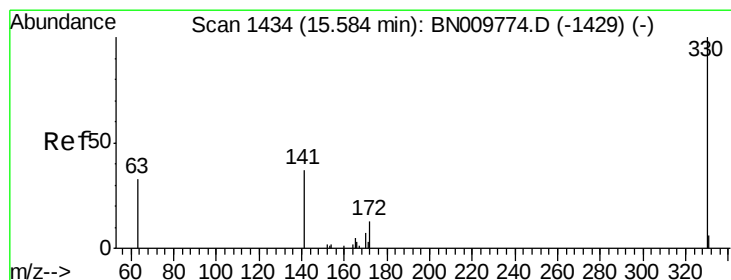
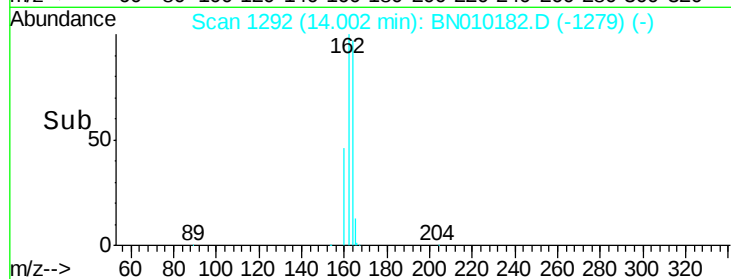
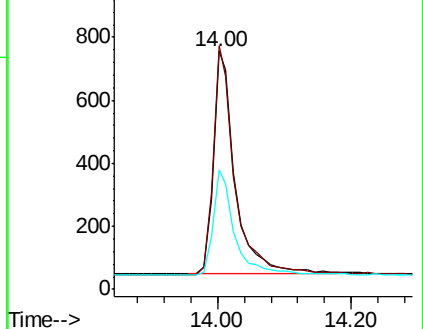
160 50.3 38.2 57.2



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: 0.299 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

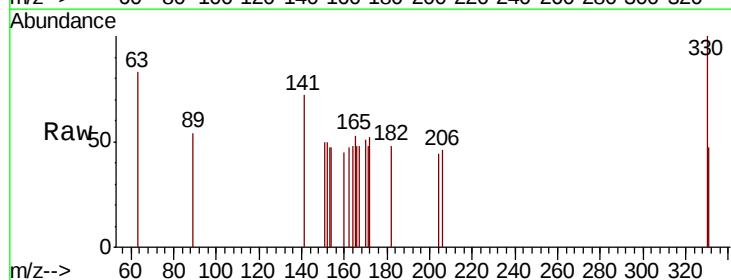
Tgt Ion:330 Resp: 186

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

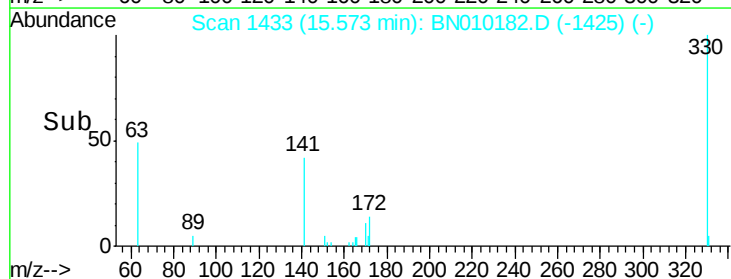
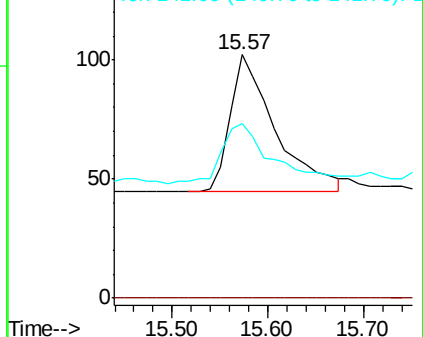
141 50.5 36.8 55.2

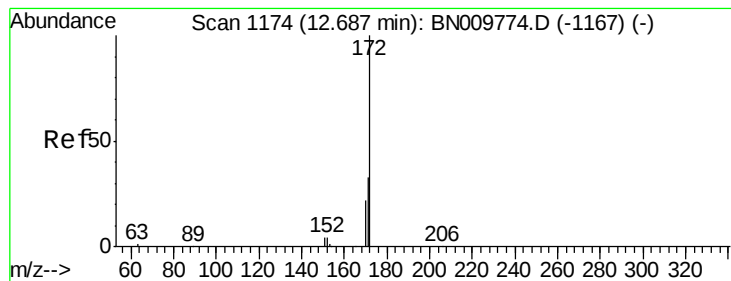


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

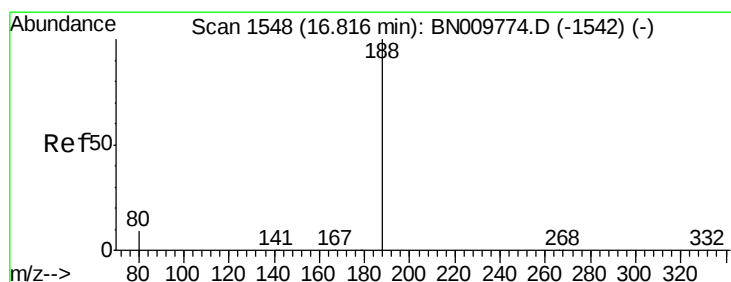
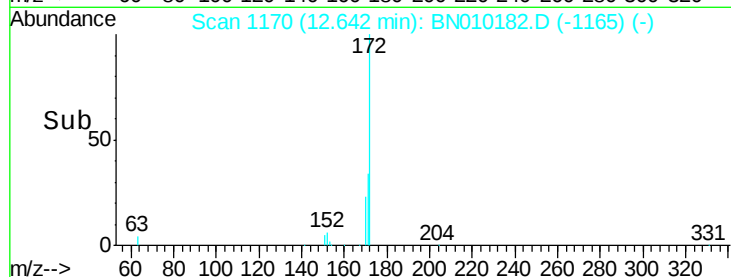
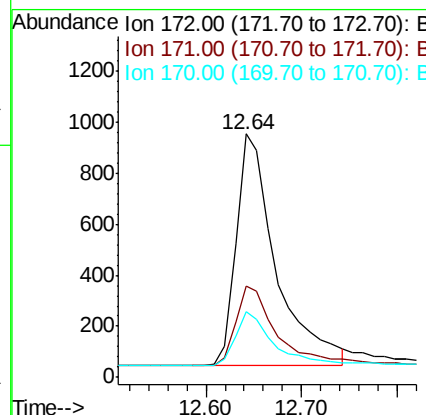
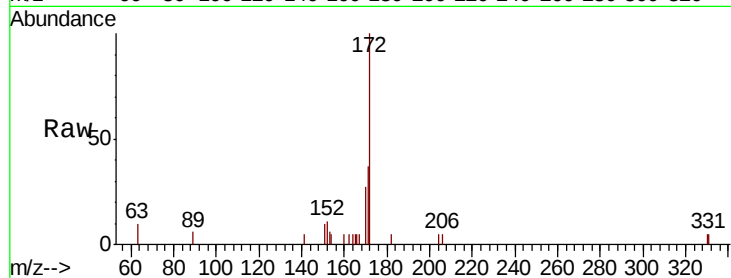




#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

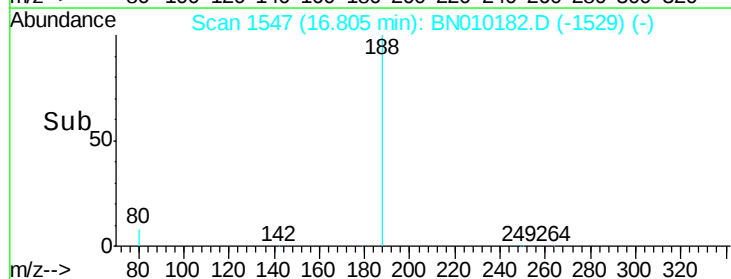
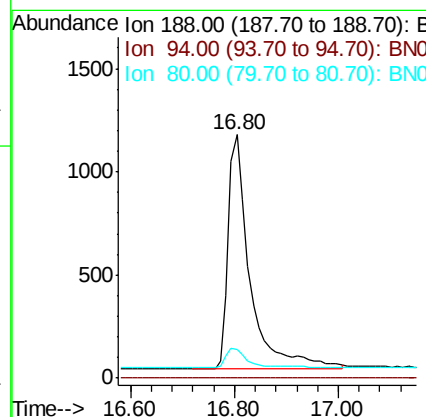
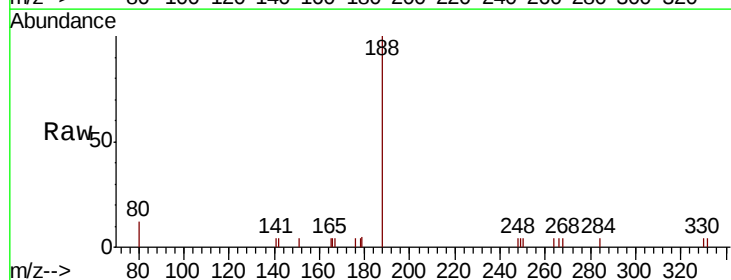
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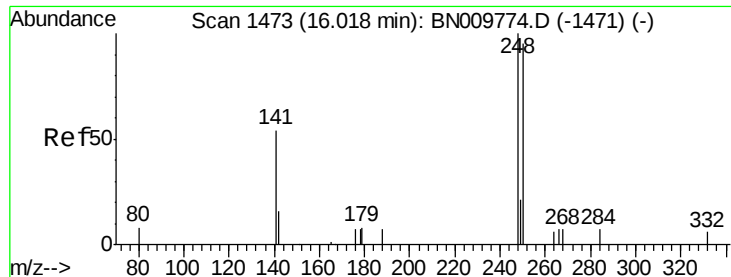
Tot Ion:172 Resp: 2645
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 26.7 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:188 Resp: 3311
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.3 12.5





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.04 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

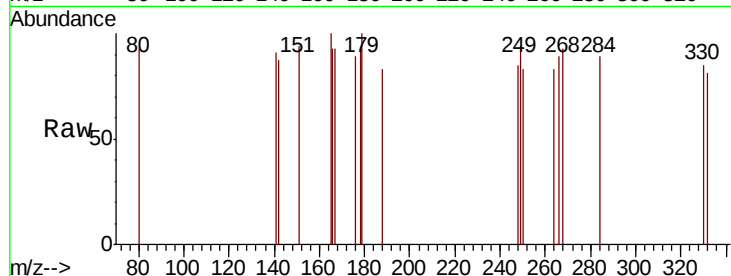
Tot Ion:248 Resp: 175

Ion Ratio Lower Upper

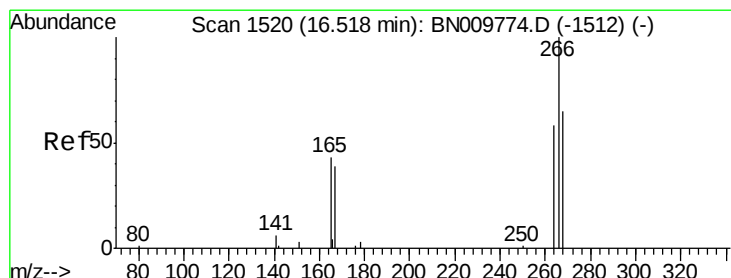
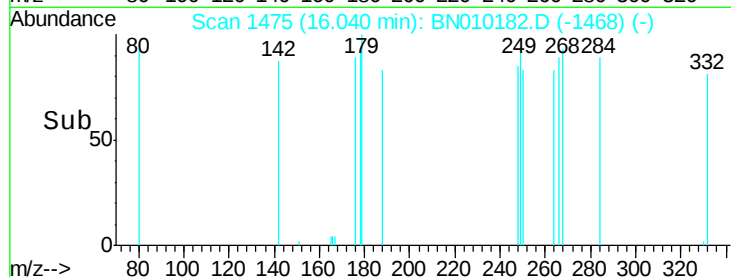
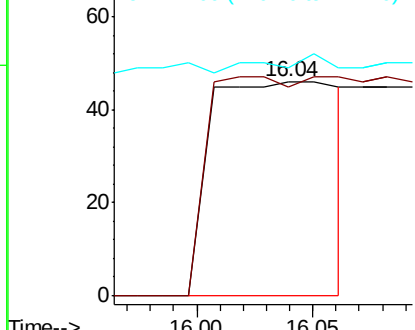
248 100

250 97.8 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: 16.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

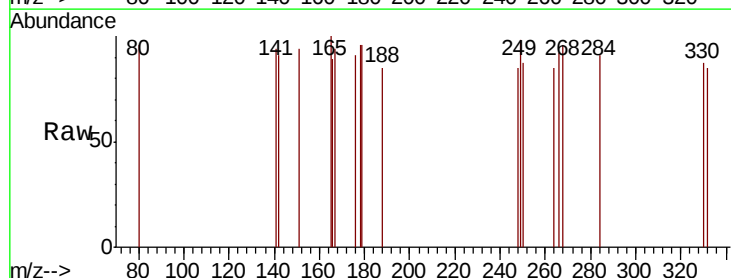
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

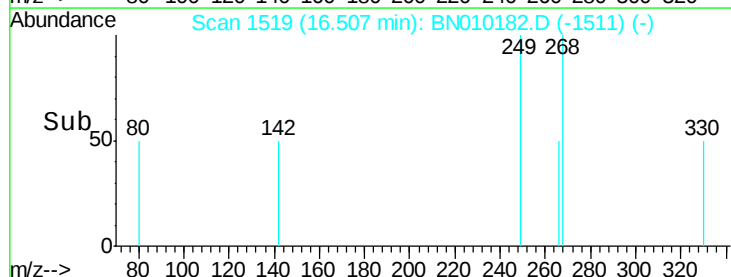
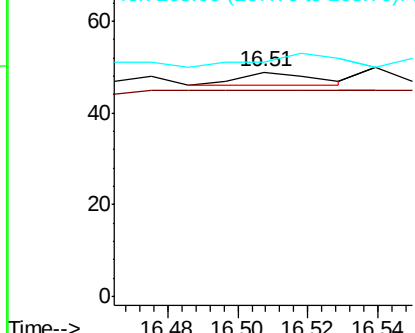
266 100

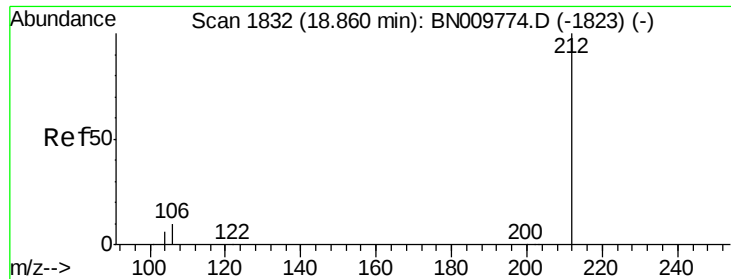
264 91.8 58.1 87.1#

268 104.1 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: 0.370 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

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RE105D1-20200305

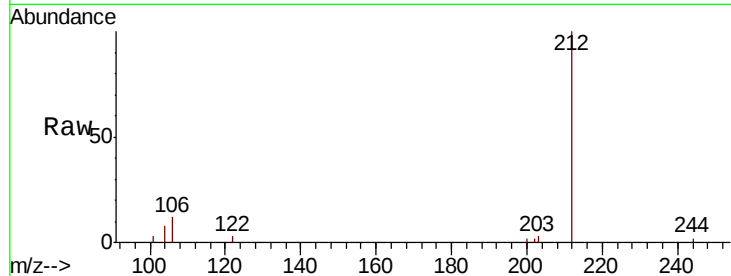
Tot Ion:212 Resp: 4236

Ion Ratio Lower Upper

212 100

106 9.6 8.4 12.6

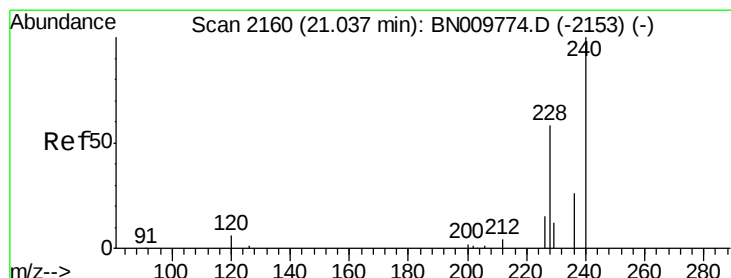
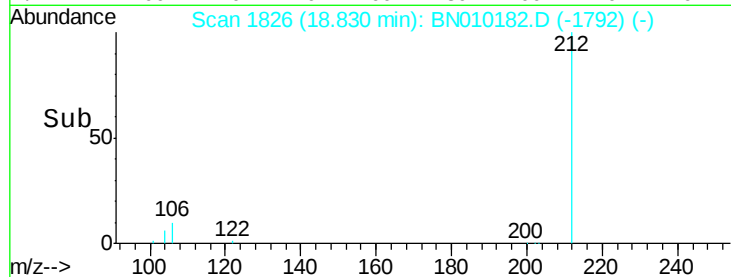
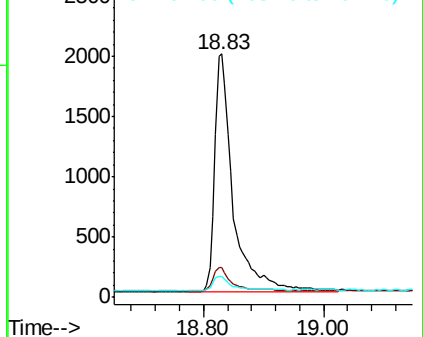
104 5.3 4.8 7.2



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: BN010182.D

Acq: 11 Mar 2020 08:44

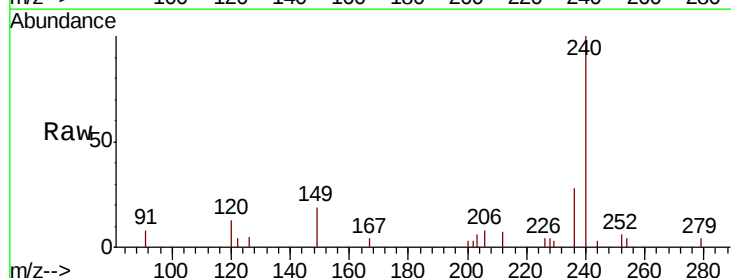
Tgt Ion:240 Resp: 3368

Ion Ratio Lower Upper

240 100

120 13.3 7.9 11.9#

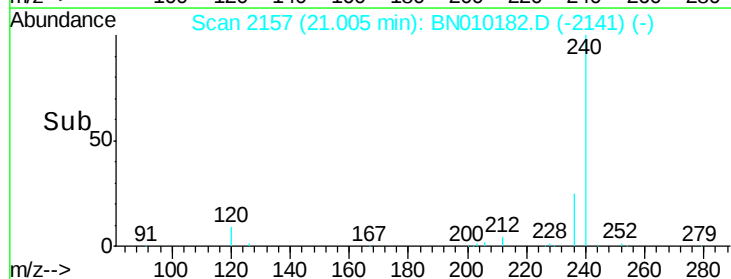
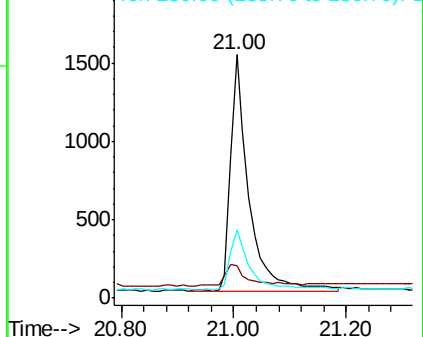
236 28.3 22.0 33.0

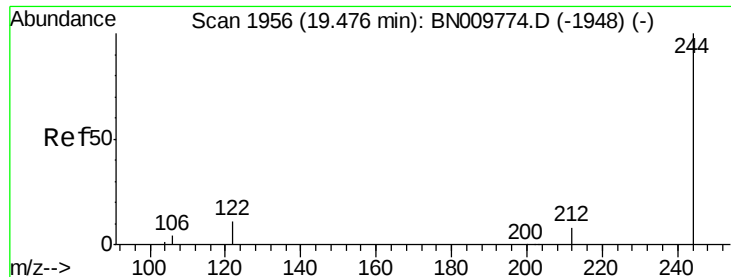


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

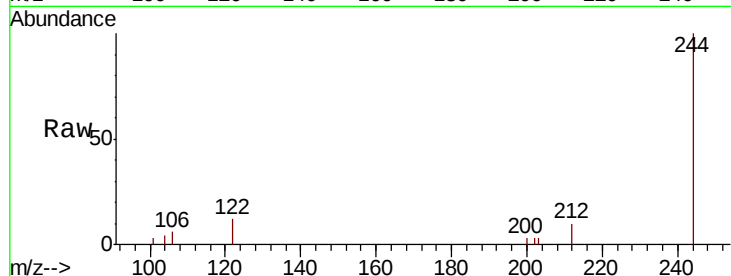
Tot Ion:244 Resp: 3659

Ion Ratio Lower Upper

244 100

212 10.4 8.0 12.0

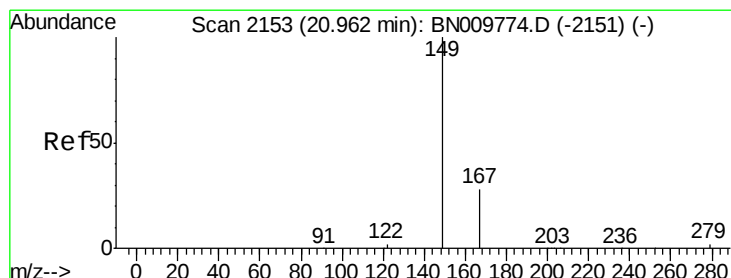
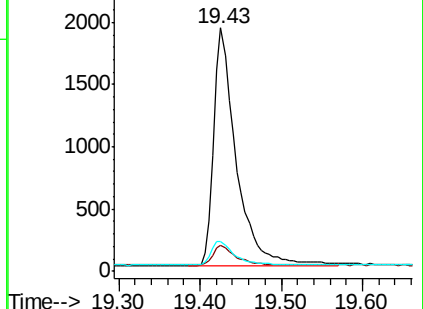
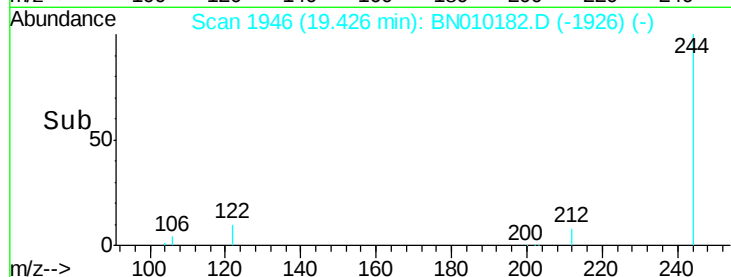
122 12.1 10.0 15.0



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: 0.090 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010182.D

Acq: 11 Mar 2020 08:44

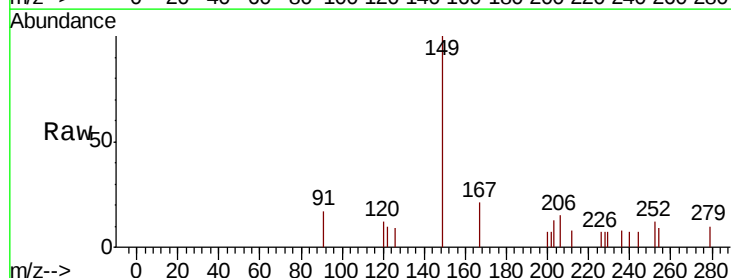
Tgt Ion:149 Resp: 493

Ion Ratio Lower Upper

149 100

167 23.3 22.7 34.1

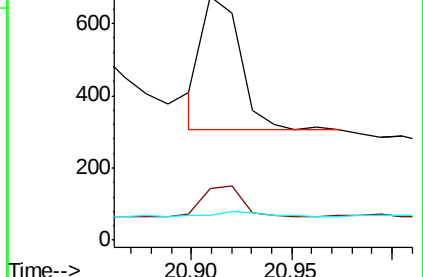
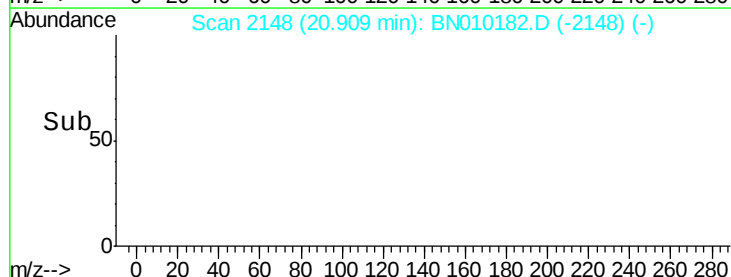
279 4.5 3.1 4.7

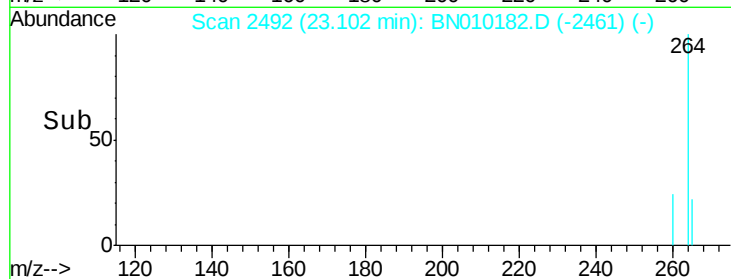
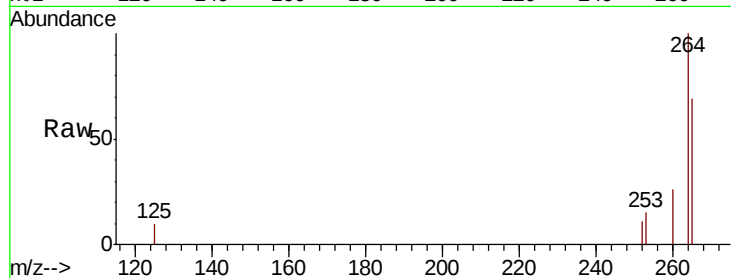
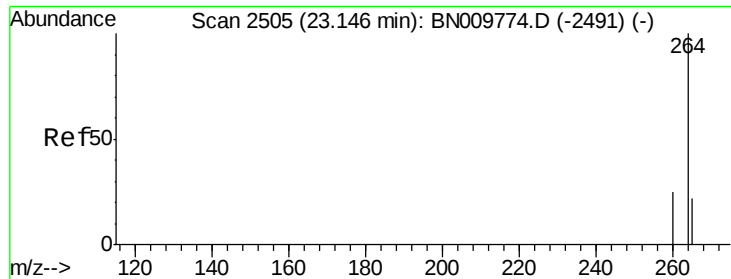


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN010182.D

Acq: 11 Mar 2020 08:44

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305

Tot Ion:264 Resp: 3756

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

265 68.5 57.5 86.3

