

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008746.D
 Acq On : 25 Nov 2019 20:39
 Operator : JU
 Sample : K5803-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 26 02:54:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

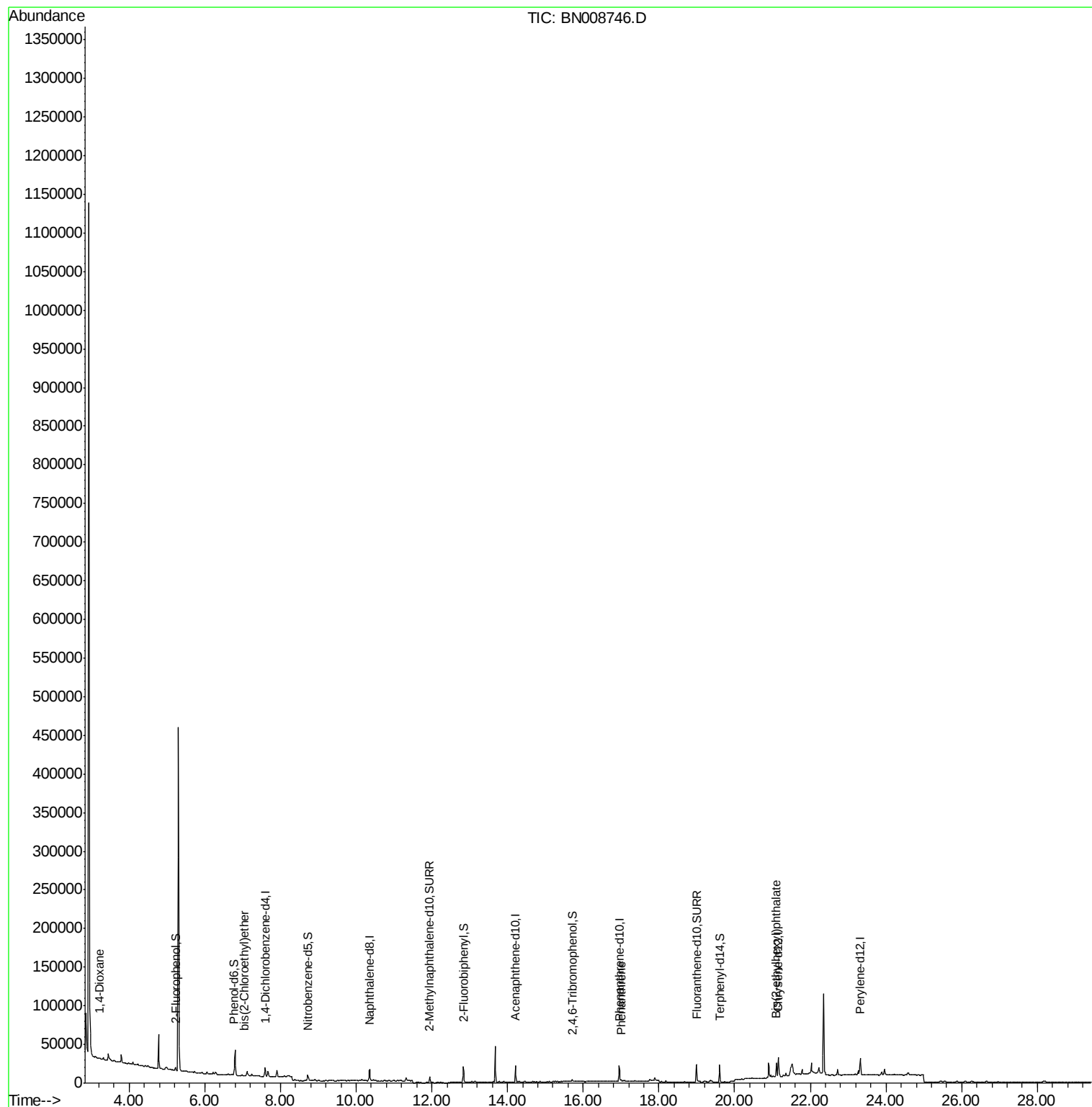
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5566	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	20245	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	12183	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	26064	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	25235	0.40	ng	-0.01
34) Perylene-d12	23.32	264	26155	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2846	0.20	ng	0.00
5) Phenol-d6	6.78	99	2430	0.13	ng	0.00
8) Nitrobenzene-d5	8.72	82	5678	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10900	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2054	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	16185	0.34	ng	-0.01
25) Fluoranthene-d10	18.99	212	25857	0.34	ng	0.00
29) Terphenyl-d14	19.60	244	20844	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	305	0.052	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	522	0.030	ng	# 17
23) Phenanthrene	17.00	178	2399	0.030	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.10	149	17591	0.293	ng	100

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

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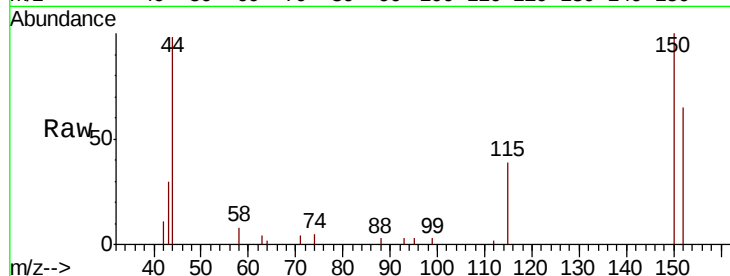


#1

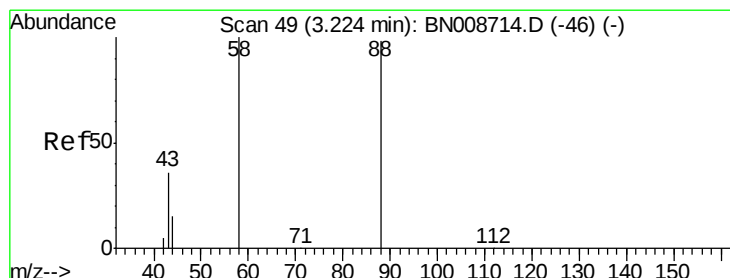
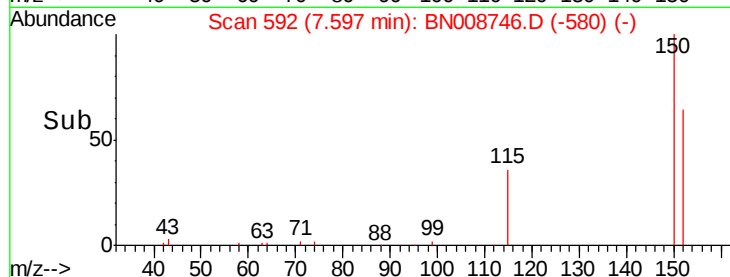
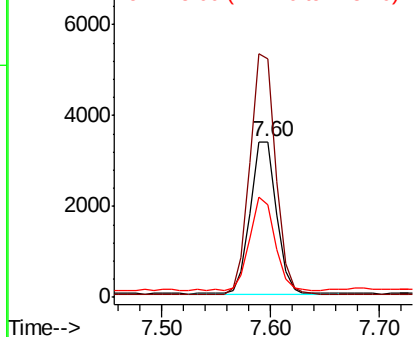
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008746.D
Acq: 25 Nov 2019 20:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5566
Ion Ratio Lower Upper
152 100
150 153.1 124.0 186.0
115 59.3 49.8 74.8



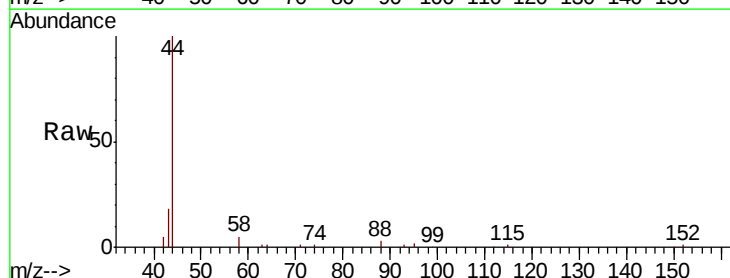
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



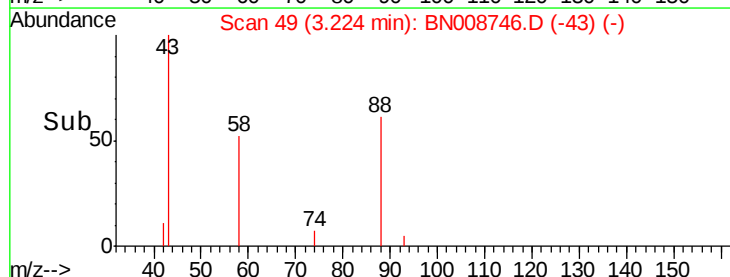
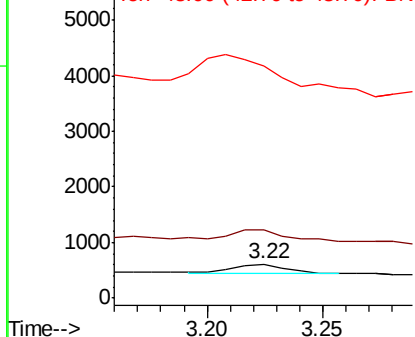
#2

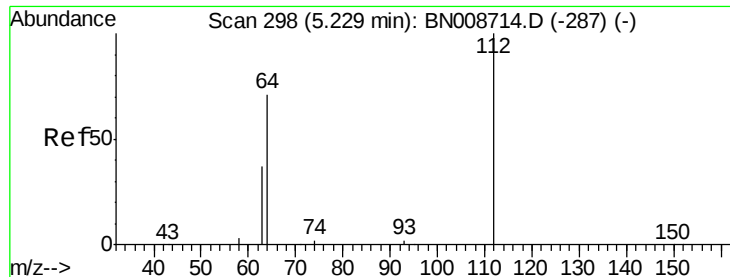
1,4-Dioxane
Concen: 0.052 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008746.D
Acq: 25 Nov 2019 20:39

Tgt Ion: 88 Resp: 305
Ion Ratio Lower Upper
88 100
58 97.4 85.7 128.5
43 384.6 29.5 44.3#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

Instrument :

BNA_N

ClientSampleId :

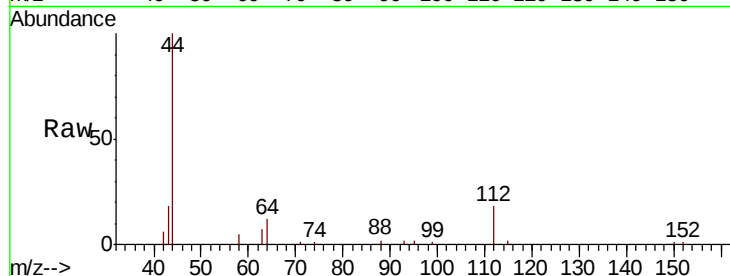
Tot Ion: 112 Resp: 2846

Ion Ratio Lower Upper

112 100

64 69.8 57.1 85.7

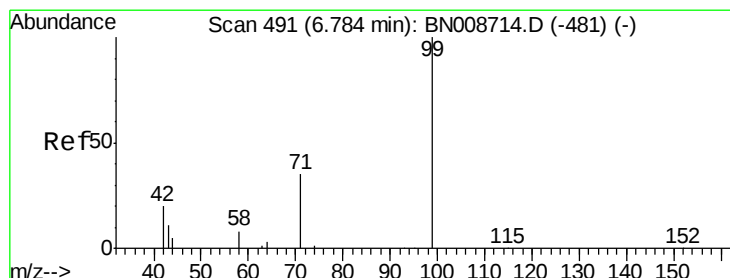
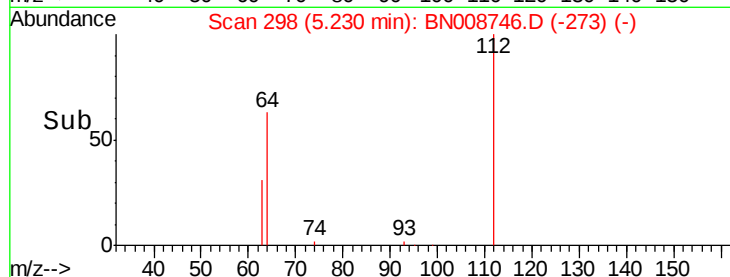
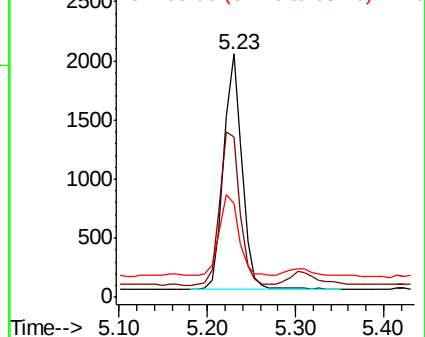
63 36.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.132 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

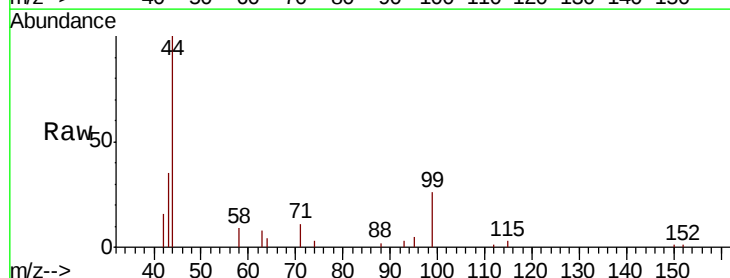
Tgt Ion: 99 Resp: 2430

Ion Ratio Lower Upper

99 100

42 0.0 19.4 29.2#

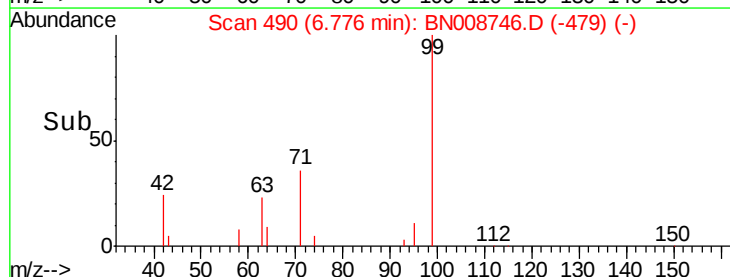
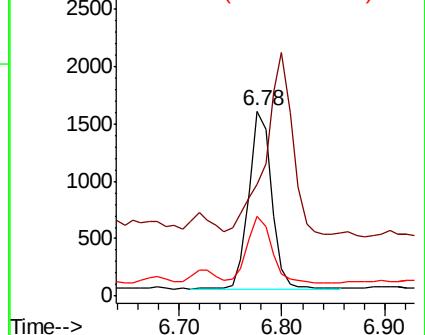
71 40.6 27.5 41.3

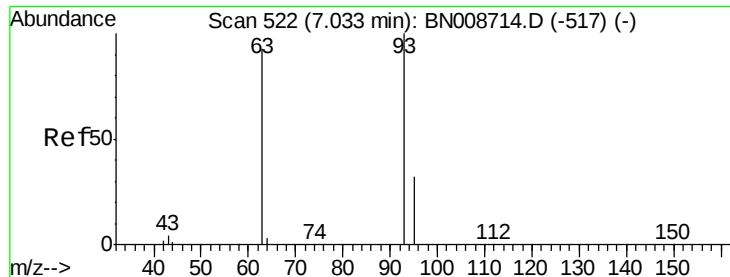


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



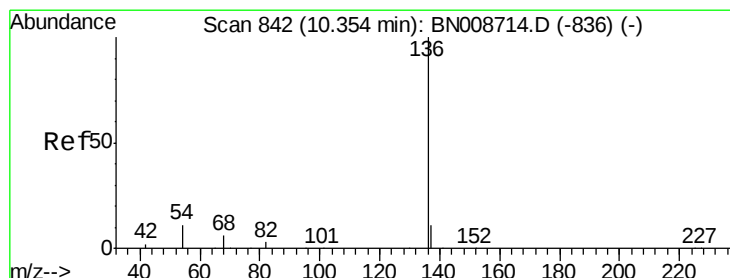
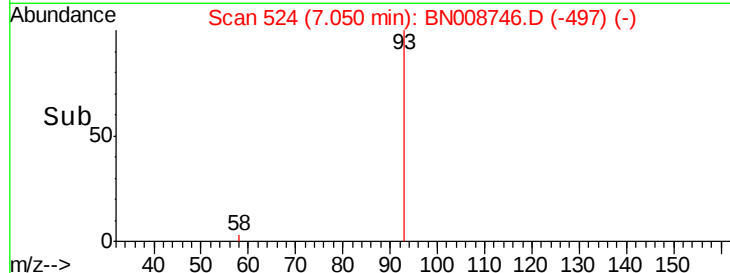
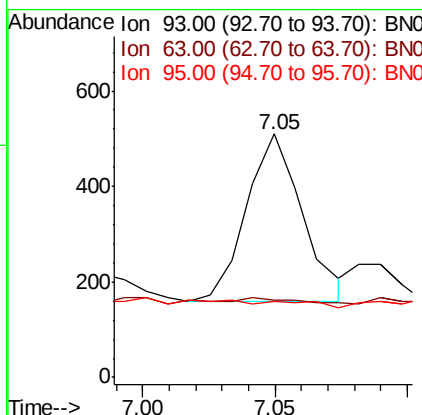
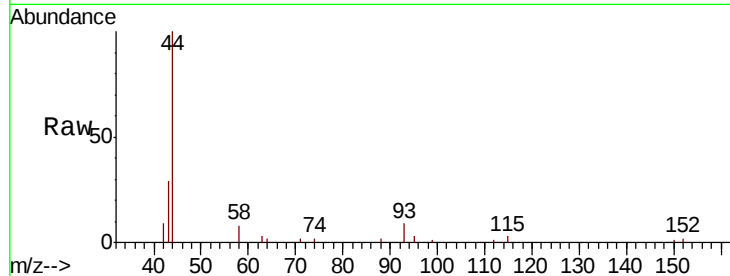


#6

bis(2-Chloroethyl)ether
 Concen: 0.030 ng
 RT: 7.05 min Scan# 524
 Delta R.T. 0.02 min
 Lab File: BN008746.D
 Acq: 25 Nov 2019 20:39

Instrument :
 BNA_N
 ClientSampleId :

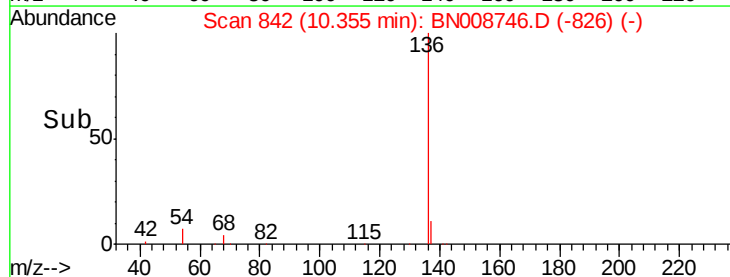
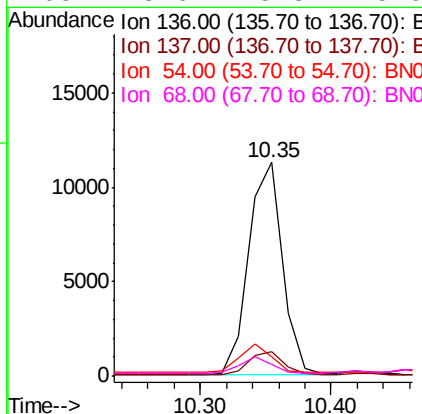
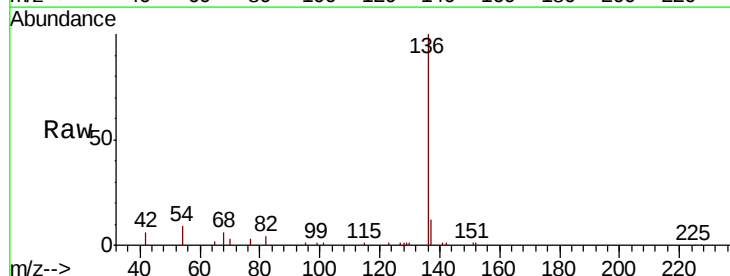
Tot Ion: 93 Resp: 522
 Ion Ratio Lower Upper
 93 100
 63 4.2 74.2 111.4#
 95 0.0 26.2 39.2#

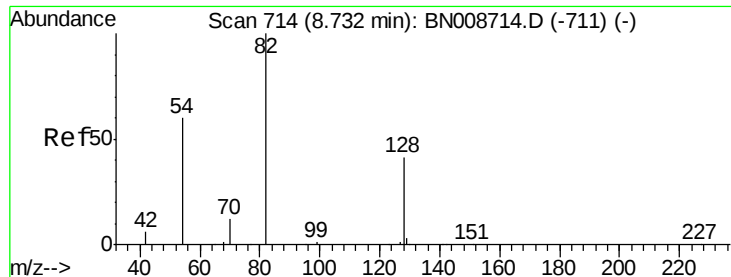


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.35 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BN008746.D
 Acq: 25 Nov 2019 20:39

Tgt Ion: 136 Resp: 20245
 Ion Ratio Lower Upper
 136 100
 137 11.5 9.3 13.9
 54 8.8 9.4 14.2#
 68 5.6 5.8 8.6#





#8

Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

Instrument :

BNA_N

ClientSampleId :

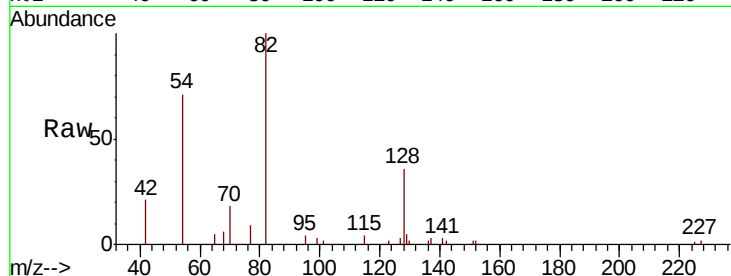
Tot Ion: 82 Resp: 5678

Ion Ratio Lower Upper

82 100

128 36.1 34.6 52.0

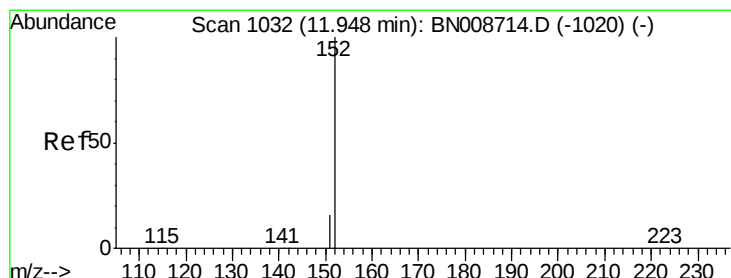
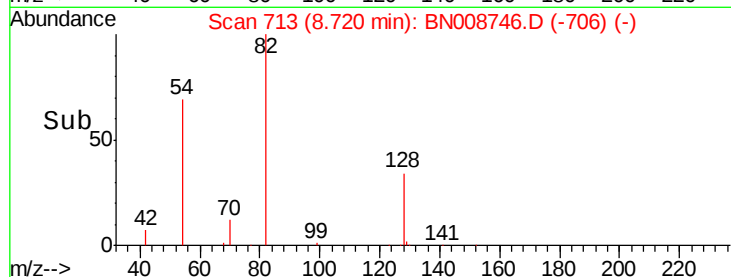
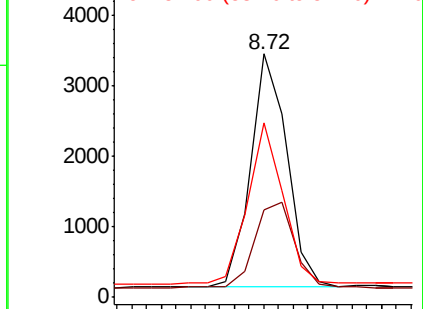
54 71.5 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BN008714.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN008714.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN008714.D (-711) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN008746.D

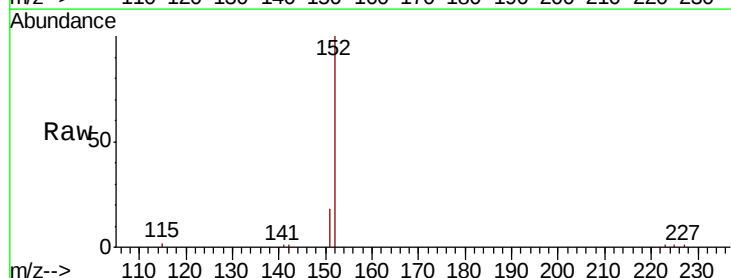
Acq: 25 Nov 2019 20:39

Tgt Ion: 152 Resp: 10900

Ion Ratio Lower Upper

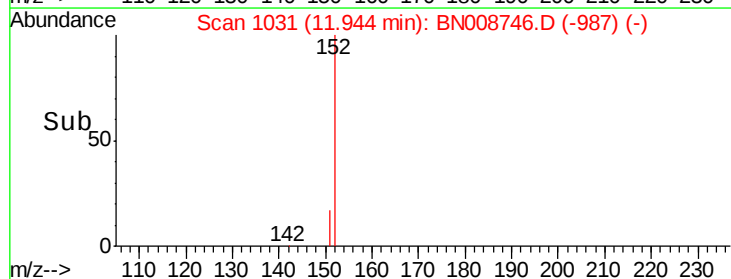
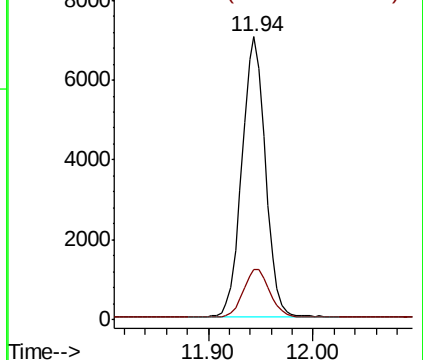
152 100

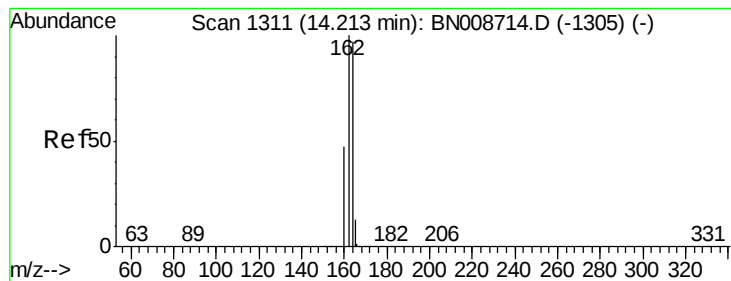
151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN008714.D (-1020) (-)

Ion 151.00 (150.70 to 151.70): BN008714.D (-1020) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

Instrument :

BNA_N

ClientSampled :

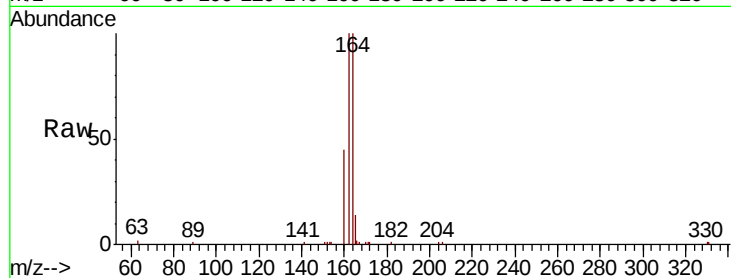
Tot Ion:164 Resp: 12183

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.4

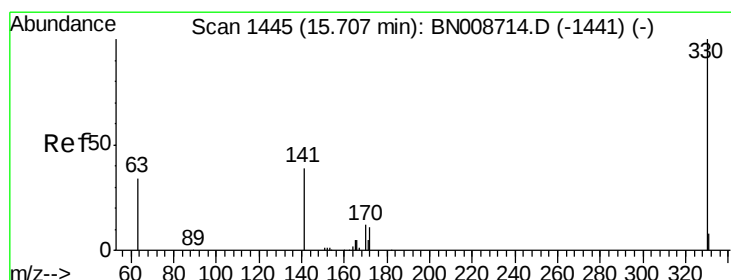
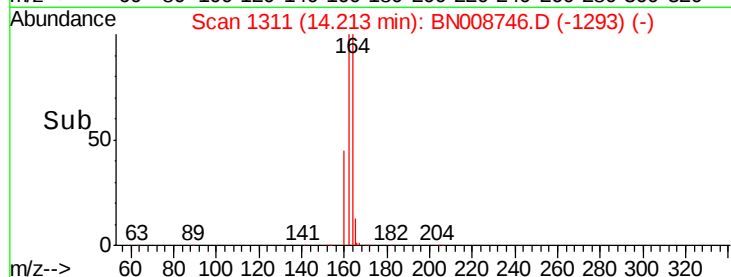
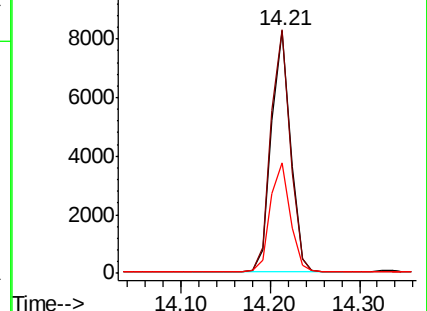
160 45.4 38.7 58.1



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: 0.363 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

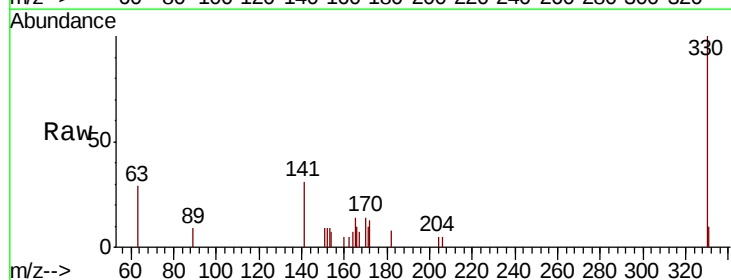
Tgt Ion:330 Resp: 2054

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

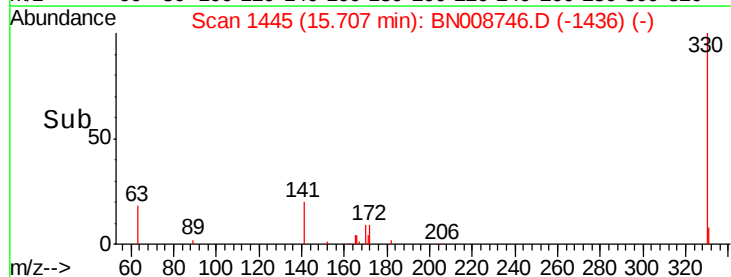
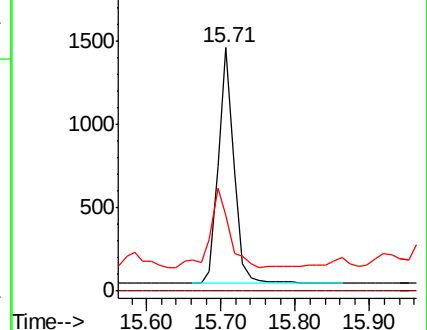
141 41.8 29.5 44.3

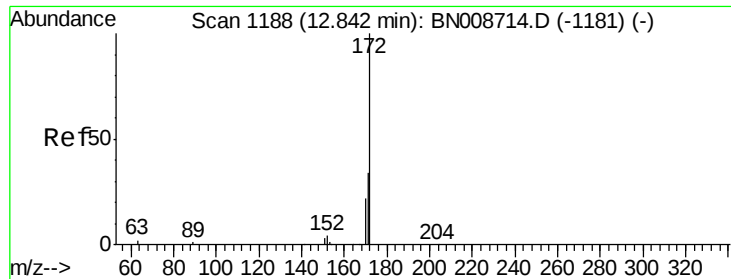


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

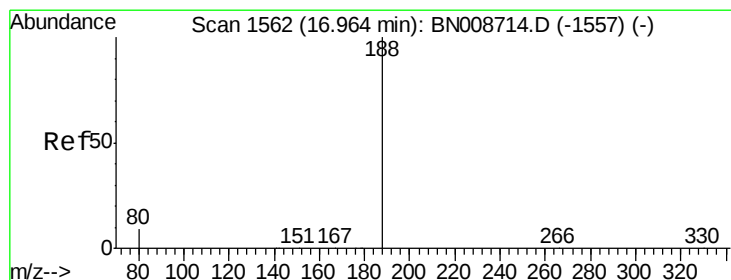
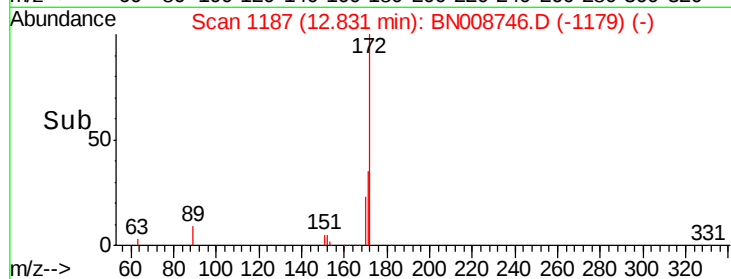
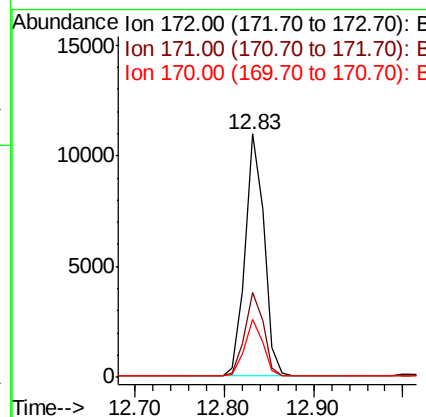
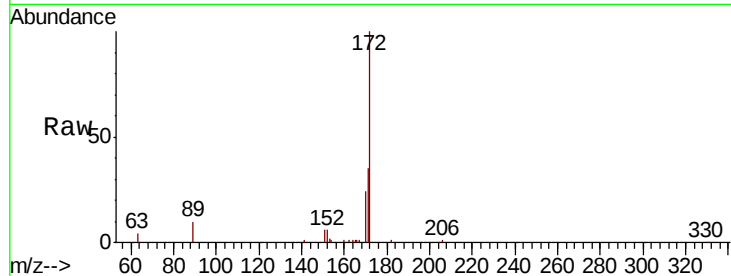




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008746.D
Acq: 25 Nov 2019 20:39

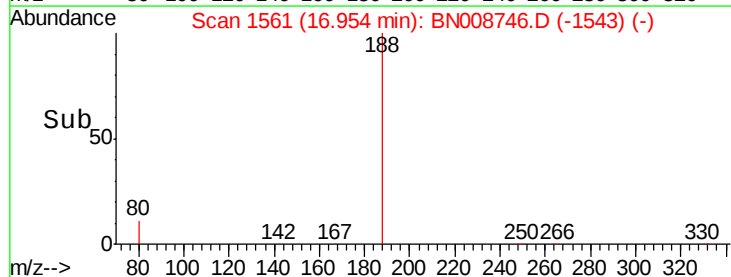
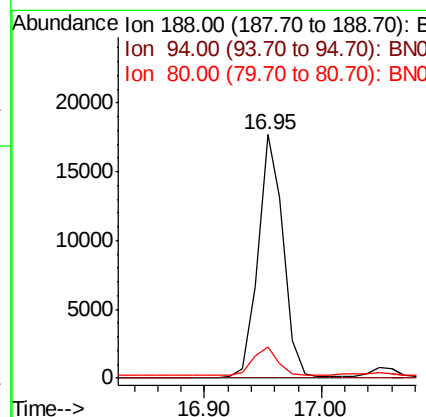
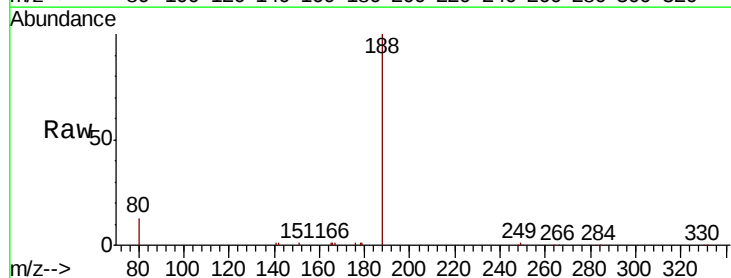
Instrument :
BNA_N
ClientSampled :

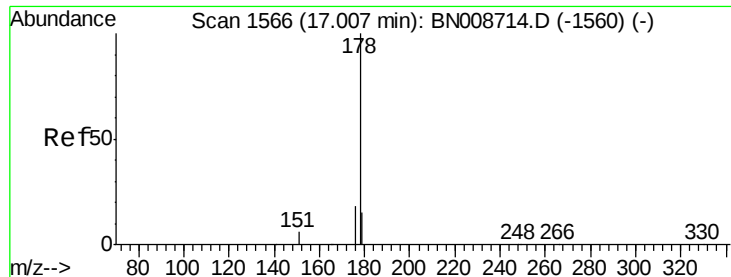
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	23.7	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008746.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	7.4	11.0





#23

Phenanthrene

Concen: 0.030 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

Instrument :

BNA_N

ClientSampleId :

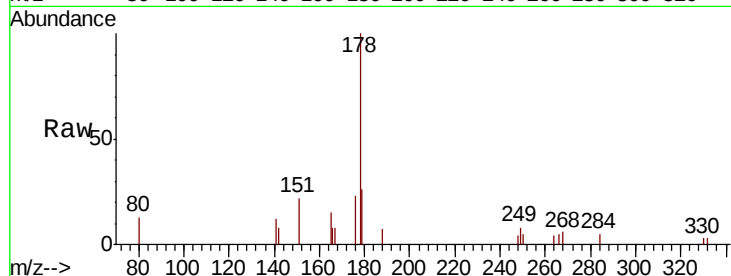
Tot Ion:178 Resp: 2399

Ion Ratio Lower Upper

178 100

176 17.2 15.0 22.4

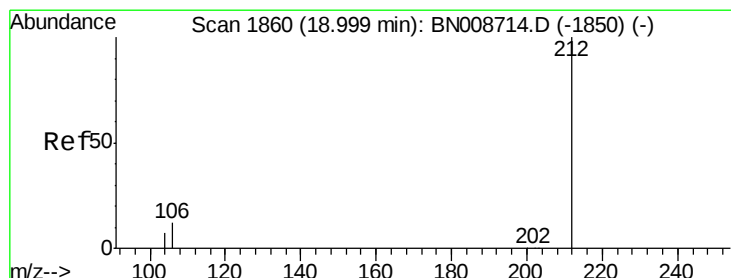
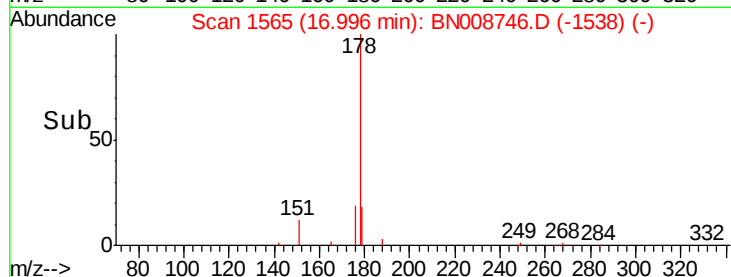
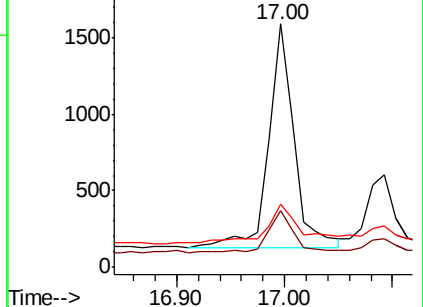
179 25.9 12.3 18.5#



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: 0.338 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

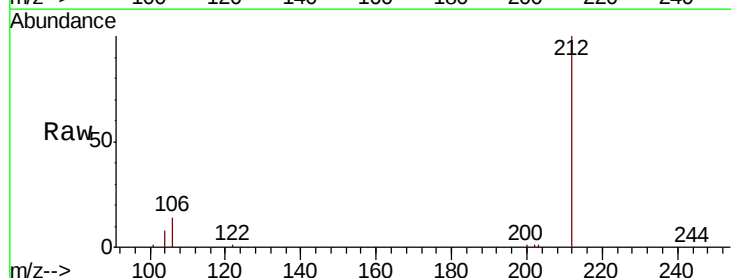
Tgt Ion:212 Resp: 25857

Ion Ratio Lower Upper

212 100

106 13.8 10.6 15.8

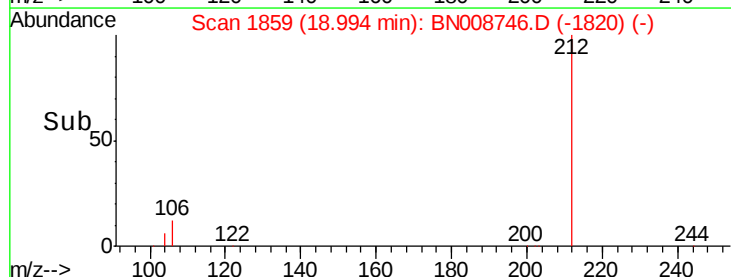
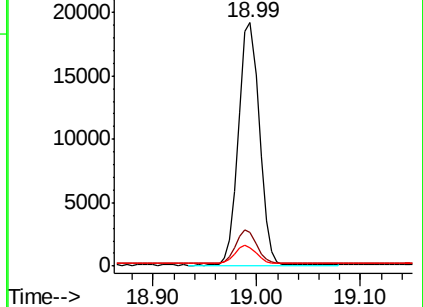
104 7.7 6.0 9.0

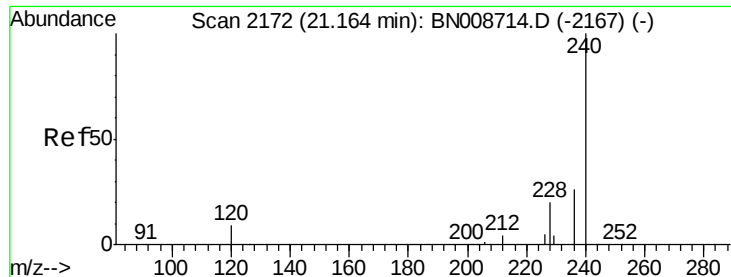


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

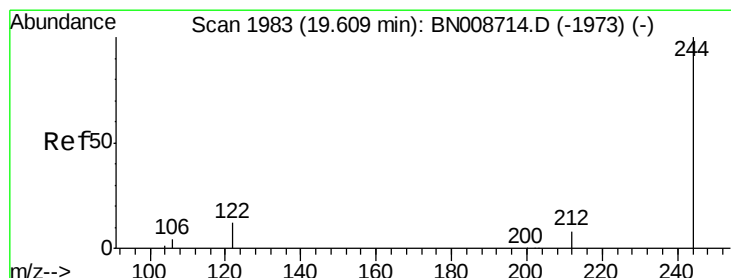
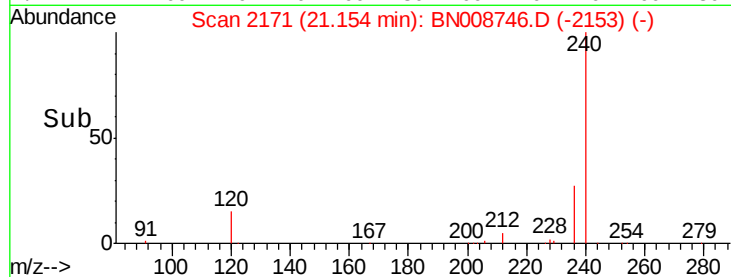
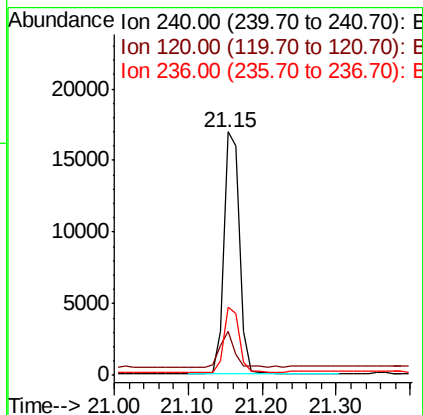
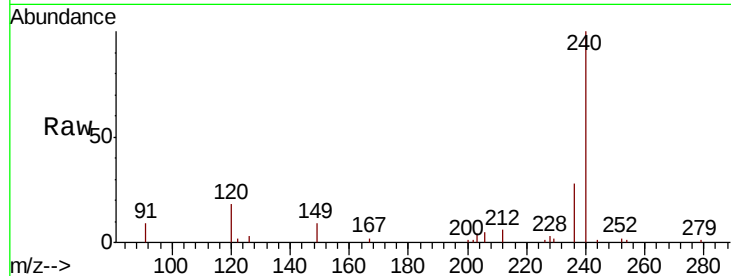




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN008746.D
 Acq: 25 Nov 2019 20:39

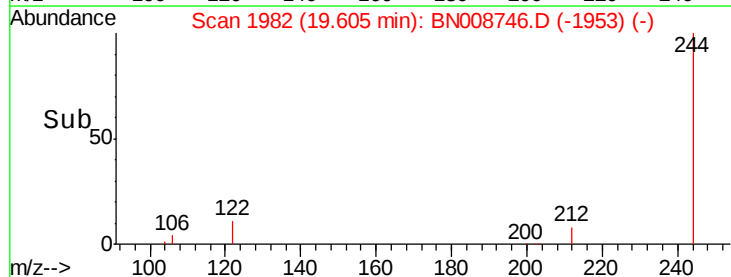
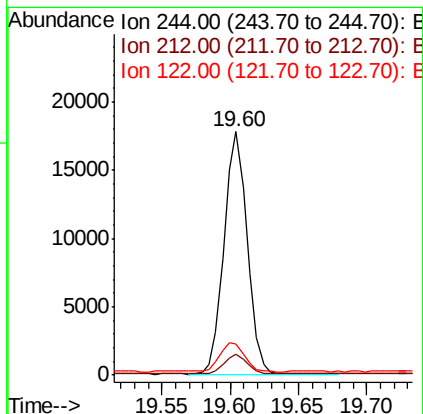
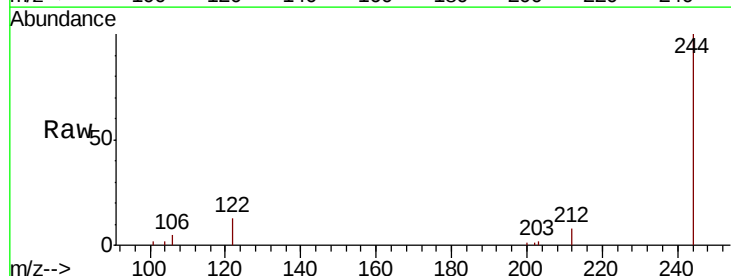
Instrument :
 BNA_N
 ClientSampleId :

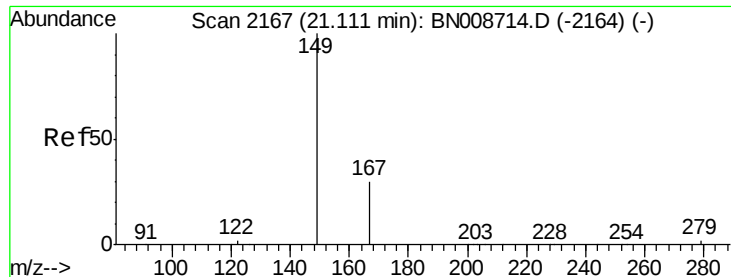
Tot Ion:240 Resp: 25235
 Ion Ratio Lower Upper
 240 100
 120 18.1 9.0 13.4#
 236 28.1 21.8 32.6



#29
 Terphenyl-d14
 Concen: 0.343 ng
 RT: 19.60 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BN008746.D
 Acq: 25 Nov 2019 20:39

Tgt Ion:244 Resp: 20844
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 12.9 10.1 15.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.293 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

Instrument :

BNA_N

ClientSampleId :

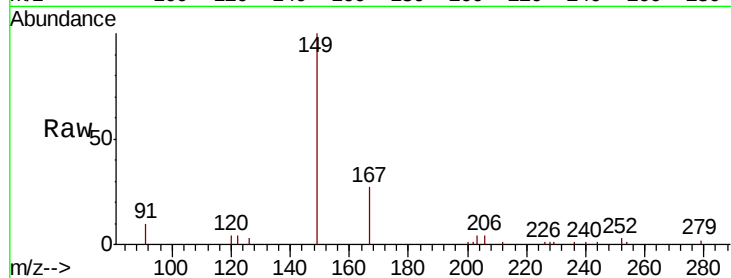
Tot Ion:149 Resp: 17591

Ion Ratio Lower Upper

149 100

167 29.5 23.5 35.3

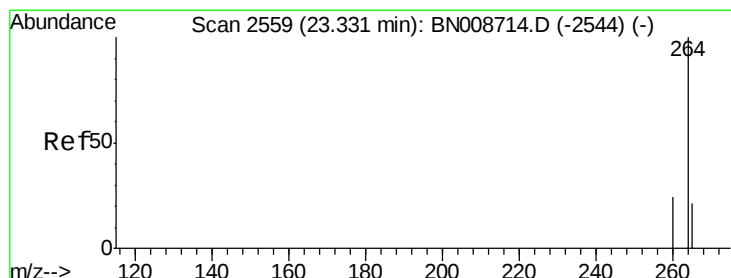
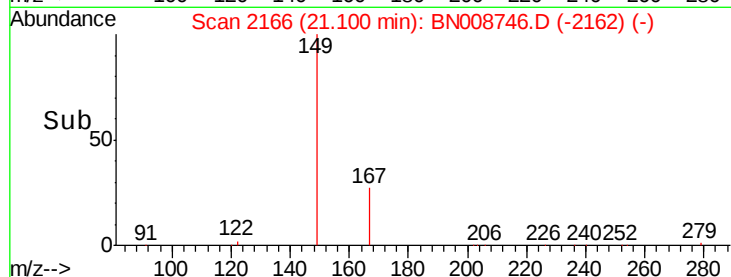
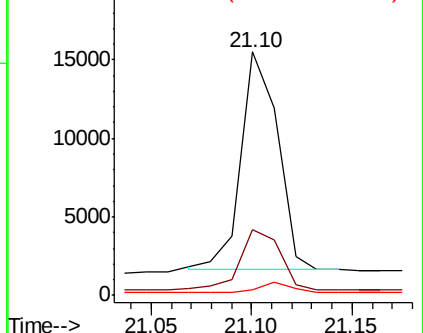
279 4.0 3.4 5.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN008746.D

Acq: 25 Nov 2019 20:39

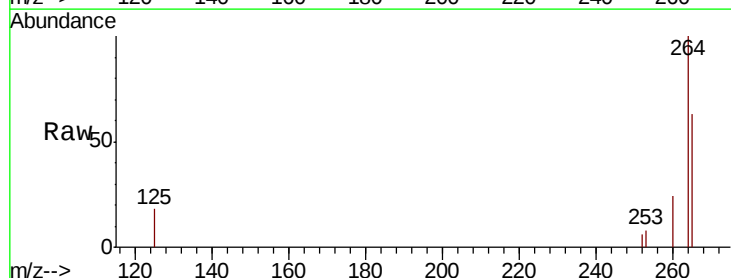
Tgt Ion:264 Resp: 26155

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 62.8 61.8 92.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

