

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008734.D
 Acq On : 23 Nov 2019 18:11
 Operator : JU
 Sample : K5987-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:47:21 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

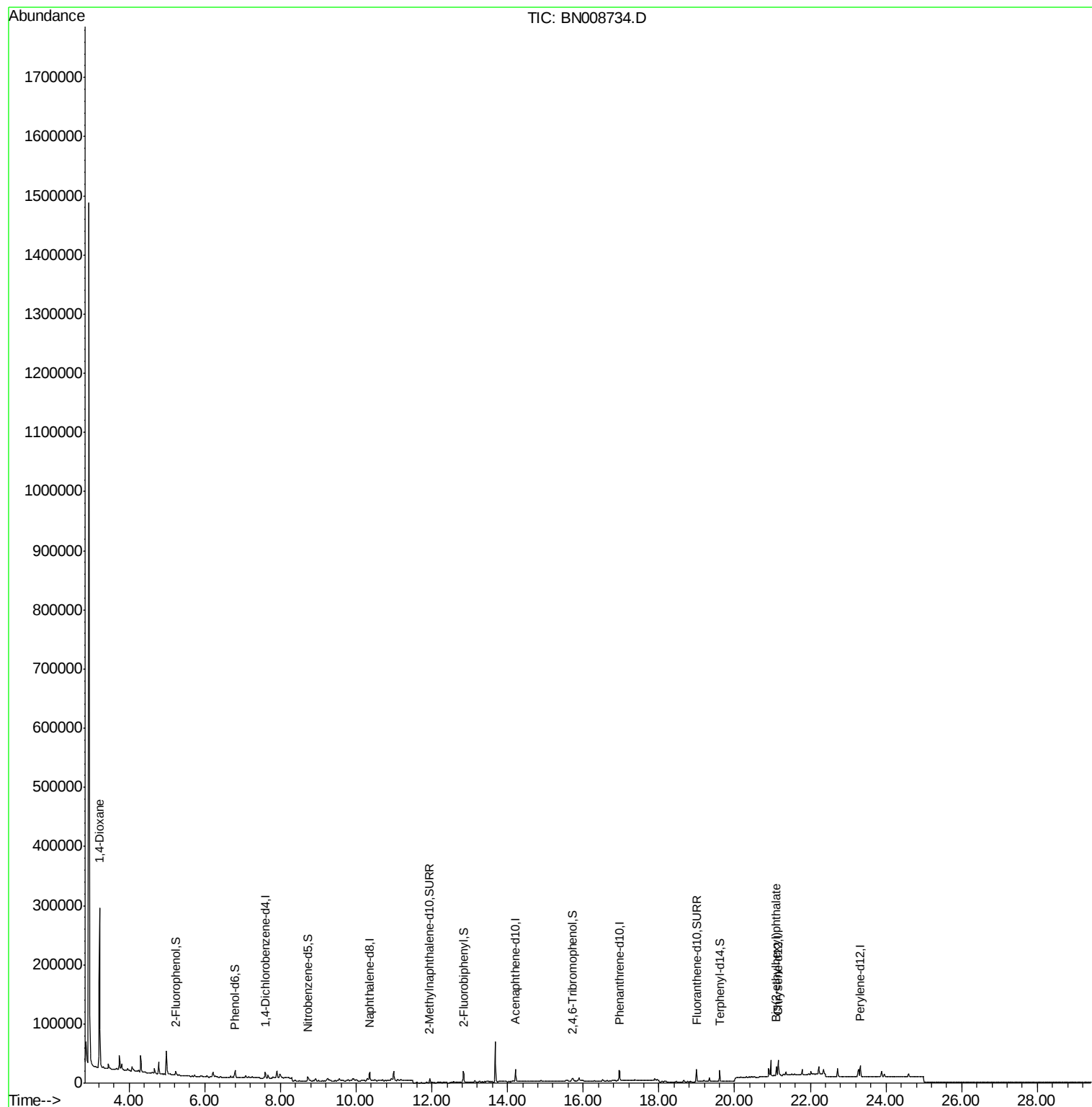
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4979	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18851	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11938	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	24746	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	23061	0.40	ng	-0.01
34) Perylene-d12	23.32	264	23825	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3166	0.24	ng	0.00
5) Phenol-d6	6.78	99	3499	0.21	ng	0.00
8) Nitrobenzene-d5	8.72	82	5724	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	9106	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2106	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14860	0.32	ng	-0.01
25) Fluoranthene-d10	18.99	212	22085	0.30	ng	0.00
29) Terphenyl-d14	19.60	244	17458	0.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	135683	25.773	ng	95
32) Bis(2-ethylhexyl)phthalate	21.10	149	12774	0.233	ng	99

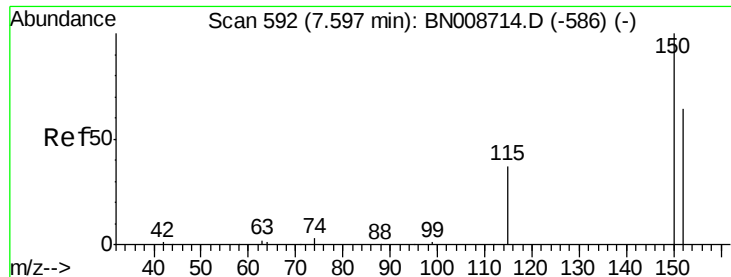
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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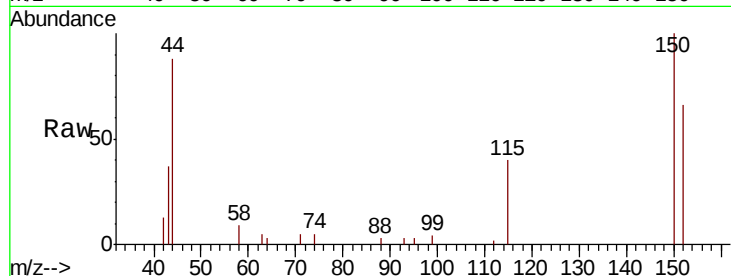


#1

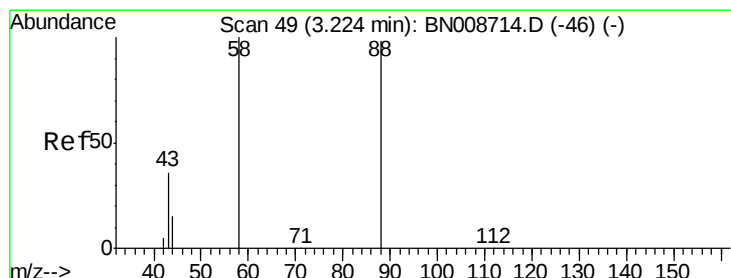
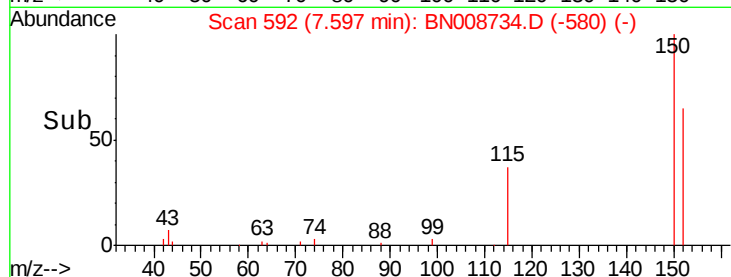
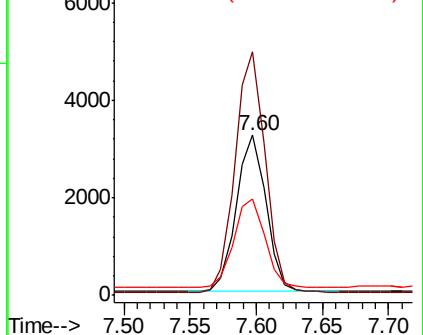
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008734.D
Acq: 23 Nov 2019 18:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4979
Ion Ratio Lower Upper
152 100
150 152.3 124.0 186.0
115 60.7 49.8 74.8



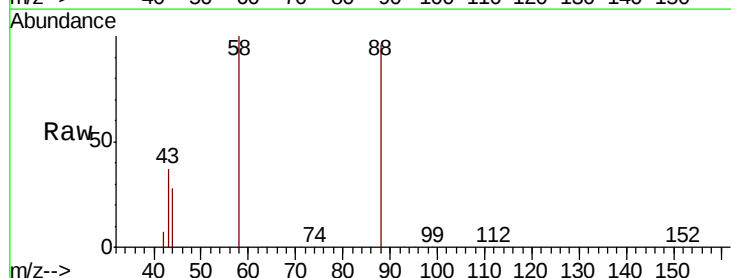
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



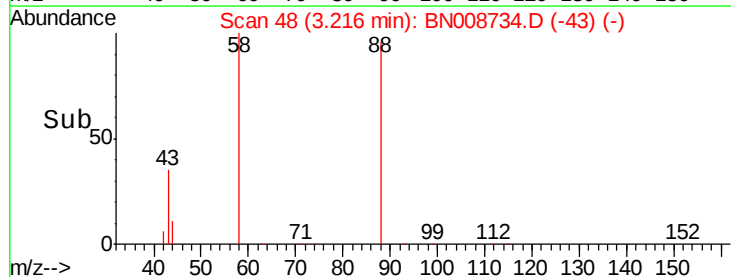
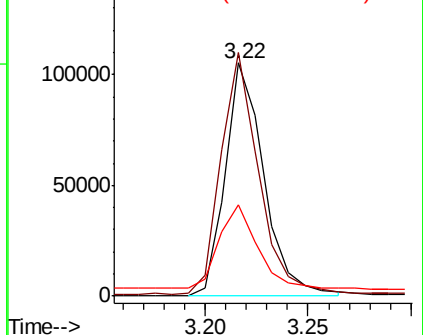
#2

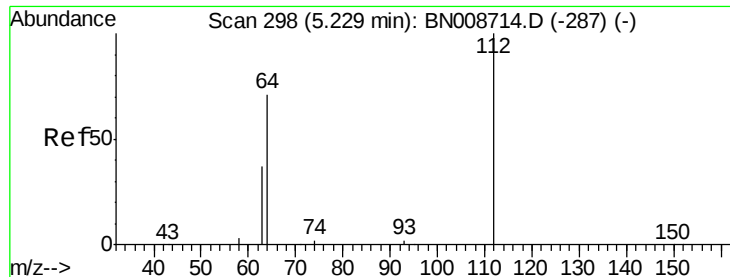
1,4-Dioxane
Concen: 25.773 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN008734.D
Acq: 23 Nov 2019 18:11

Tgt Ion: 88 Resp: 135683
Ion Ratio Lower Upper
88 100
58 100.7 85.7 128.5
43 35.2 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: 0.243 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

Instrument :

BNA_N

ClientSampleId :

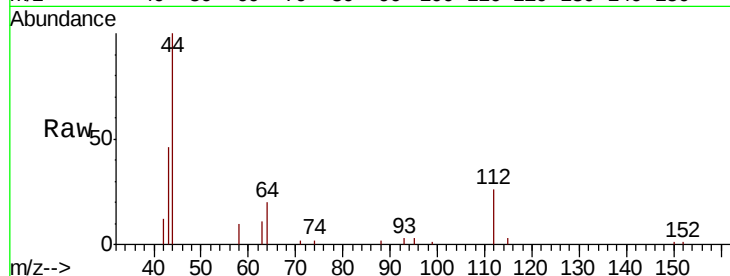
Tot Ion: 112 Resp: 3166

Ion Ratio Lower Upper

112 100

64 69.3 57.1 85.7

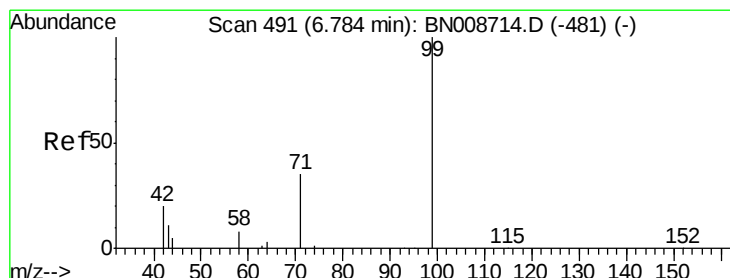
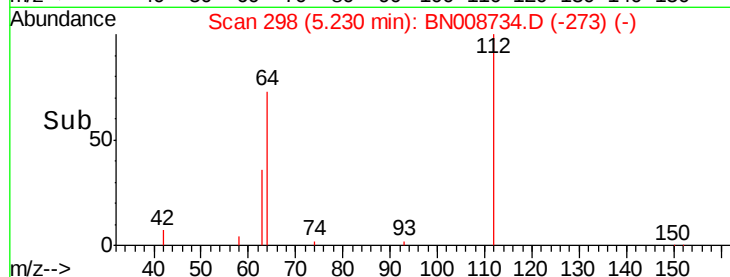
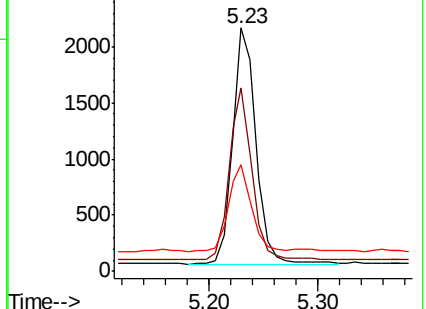
63 35.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.212 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

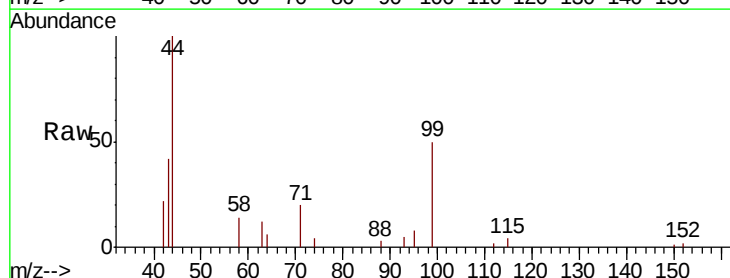
Tgt Ion: 99 Resp: 3499

Ion Ratio Lower Upper

99 100

42 59.7 19.4 29.2#

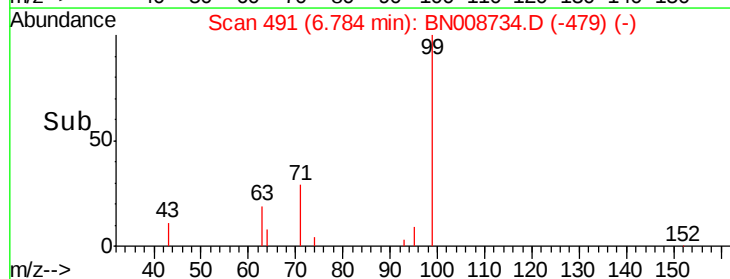
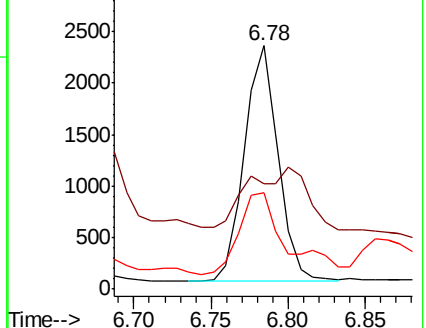
71 46.8 27.5 41.3#

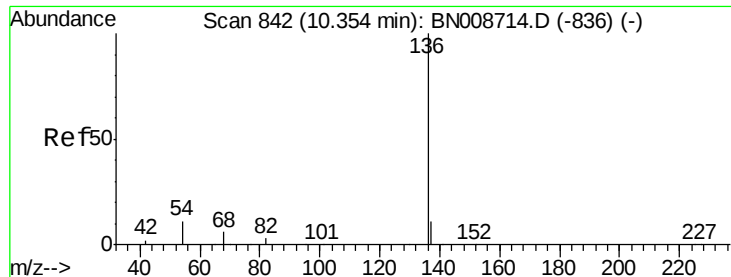


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18851

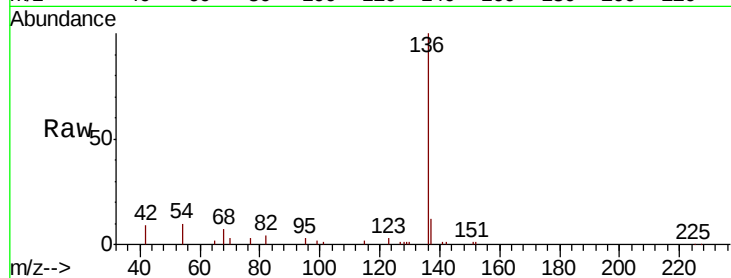
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.8 9.4 14.2

68 6.8 5.8 8.6

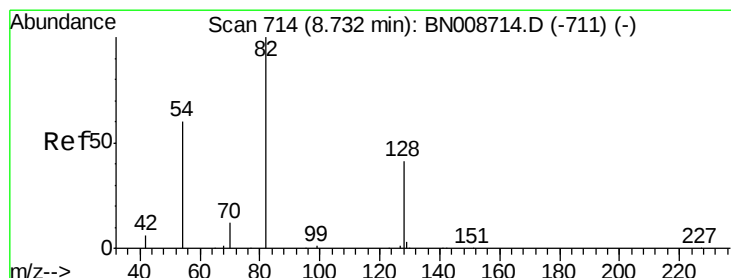
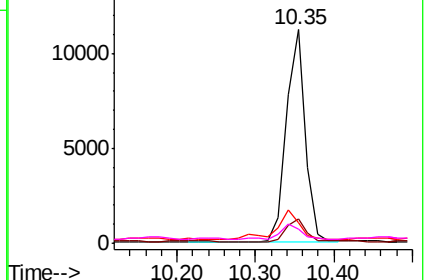
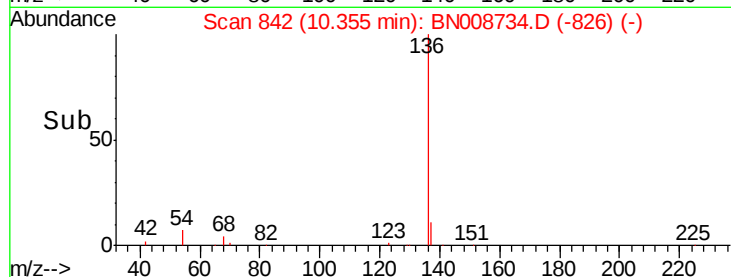


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.338 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

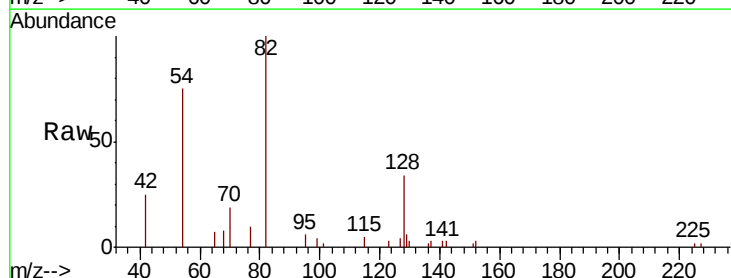
Tgt Ion: 82 Resp: 5724

Ion Ratio Lower Upper

82 100

128 34.2 34.6 52.0#

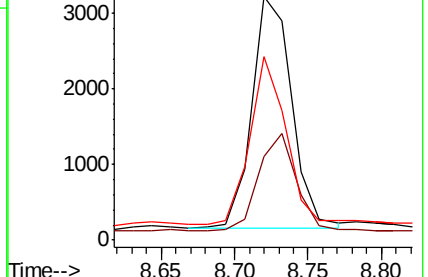
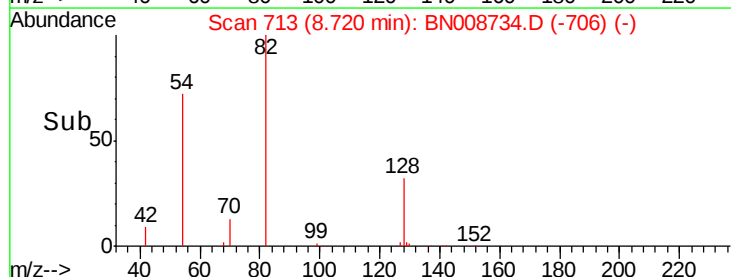
54 75.3 50.2 75.4

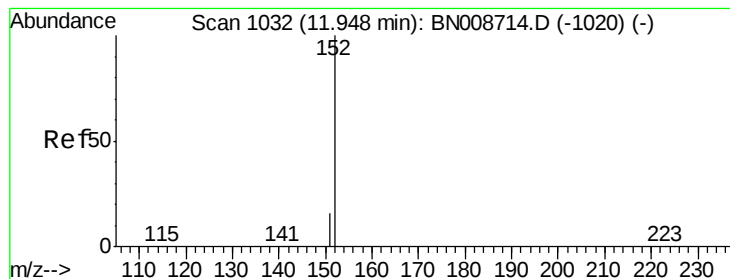


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

Instrument :

BNA_N

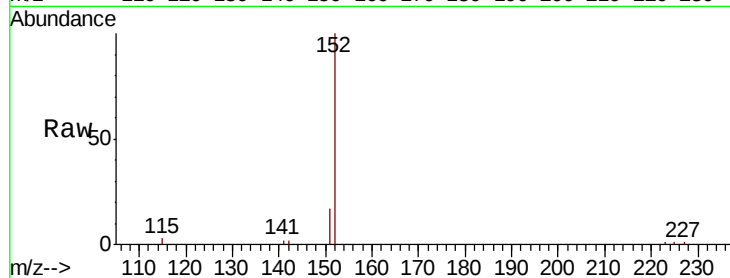
ClientSampleId :

Tot Ion:152 Resp: 9106

Ion Ratio Lower Upper

152 100

151 19.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

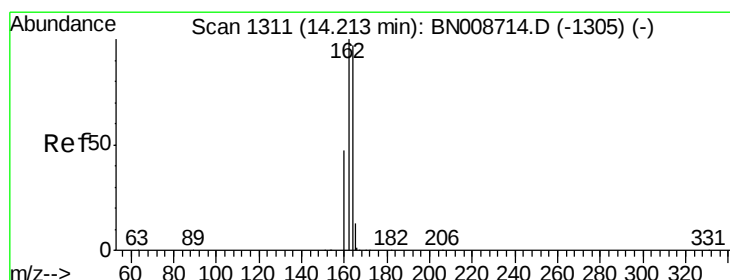
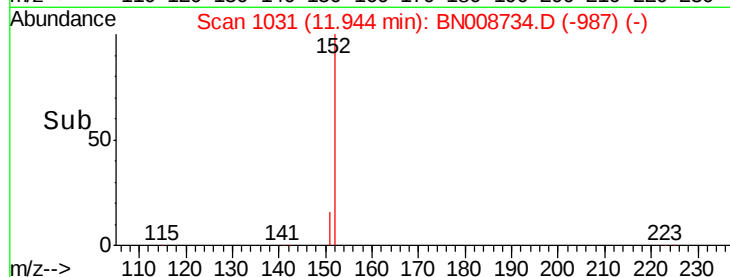
4000

2000

0

11.80 11.90 12.00

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

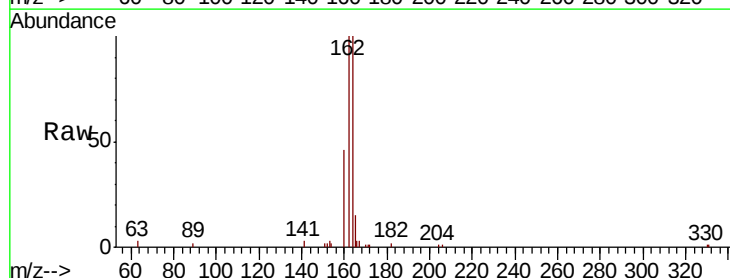
Tgt Ion:164 Resp: 11938

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.4

160 45.7 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

10000

8000

6000

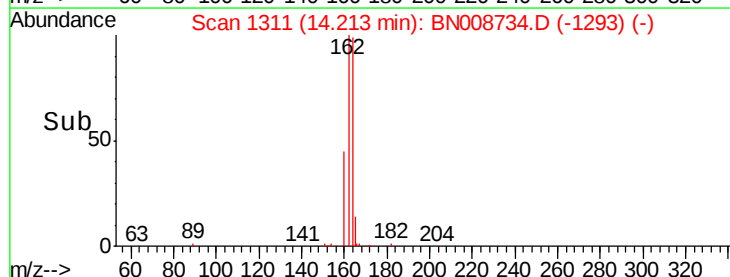
4000

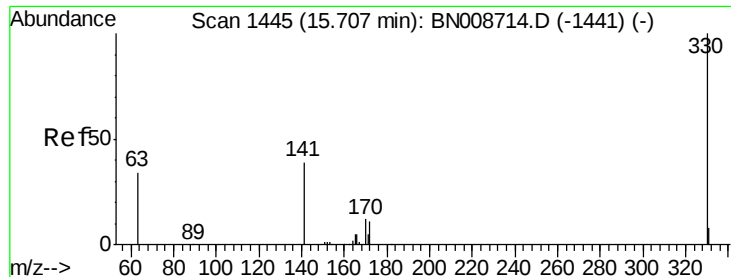
2000

0

14.20 14.30

Time-->

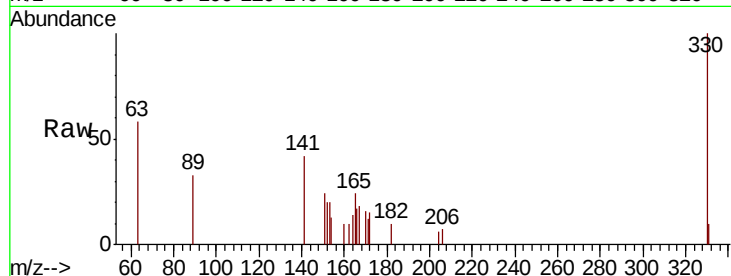




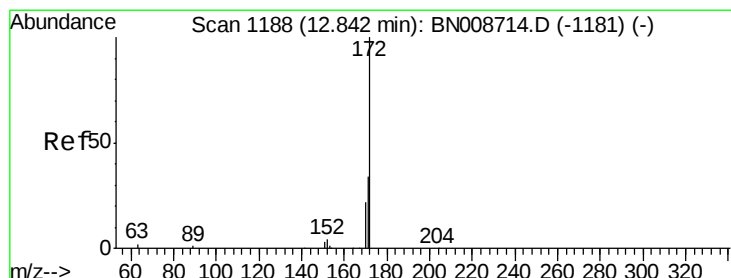
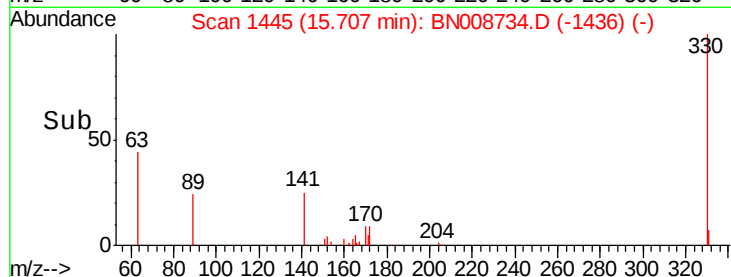
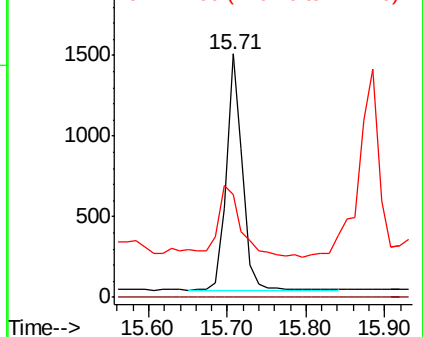
#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008734.D
Acq: 23 Nov 2019 18:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:330 Resp: 2106
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.3 29.5 44.3#

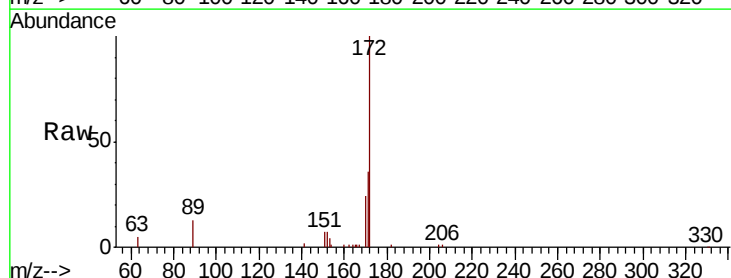


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

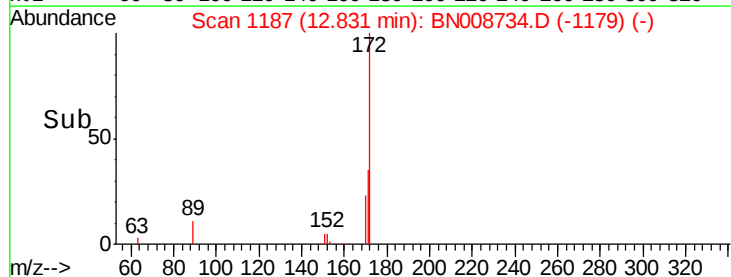
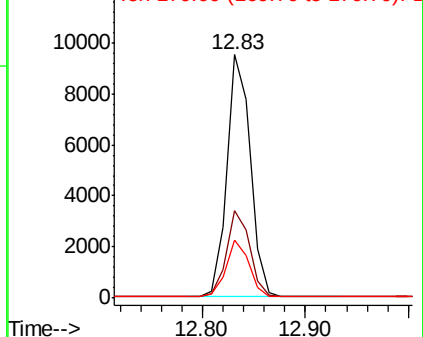


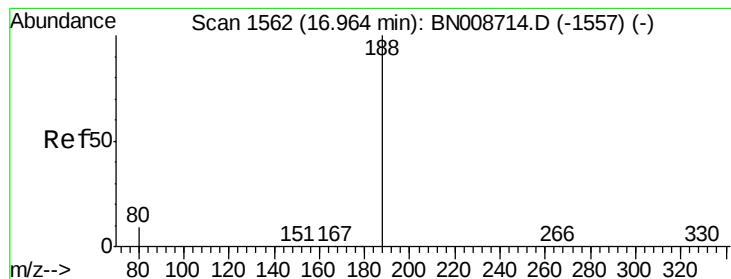
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008734.D
Acq: 23 Nov 2019 18:11

Tgt Ion:172 Resp: 14860
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 23.8 17.8 26.6



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: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

Instrument :

BNA_N

ClientSampleId :

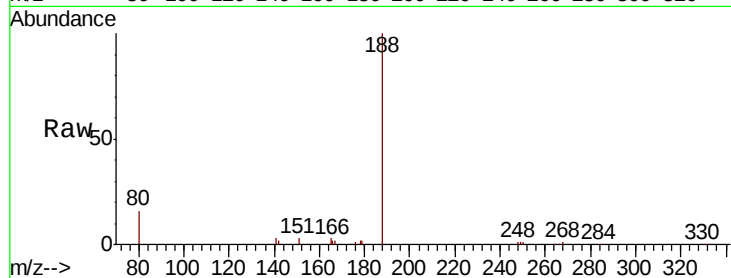
Tot Ion:188 Resp: 24746

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

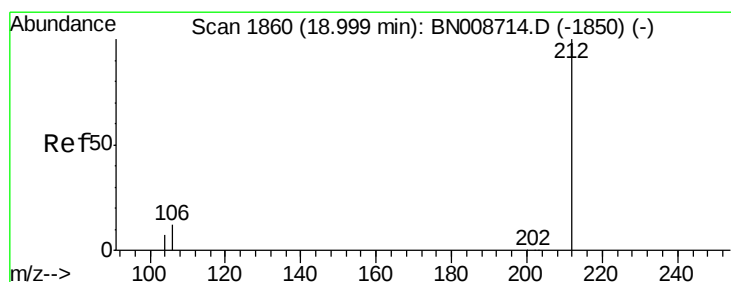
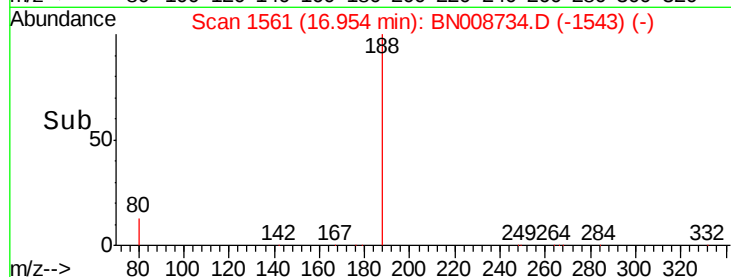
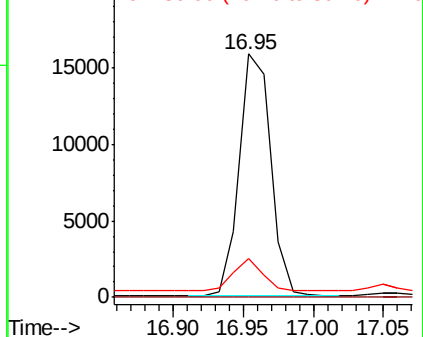
80 15.8 7.4 11.0#



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



#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

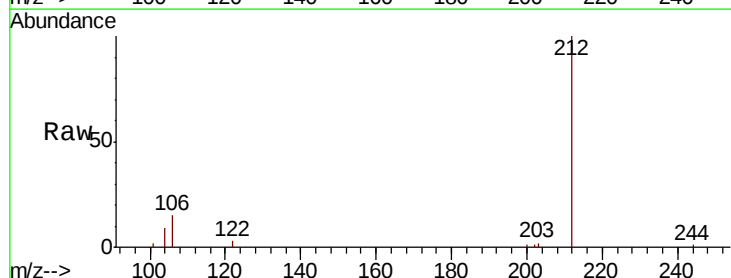
Tgt Ion:212 Resp: 22085

Ion Ratio Lower Upper

212 100

106 13.8 10.6 15.8

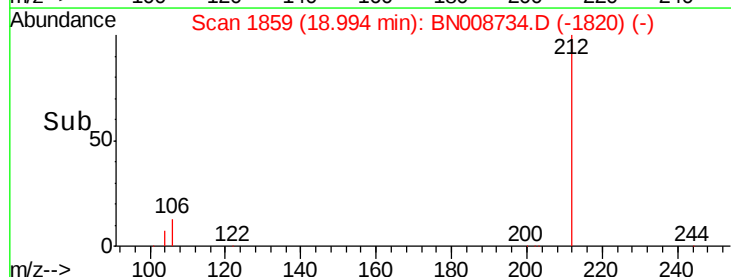
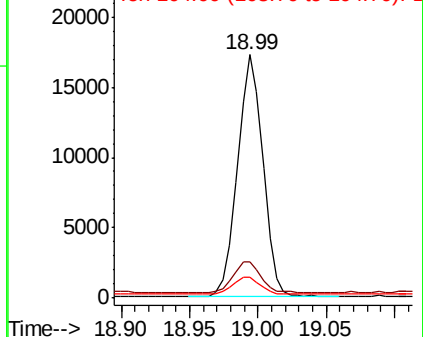
104 8.0 6.0 9.0

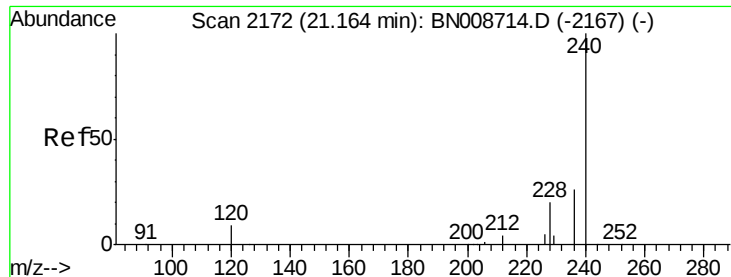


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN008734.D

Acq: 23 Nov 2019 18:11

Instrument :

BNA_N

ClientSampleId :

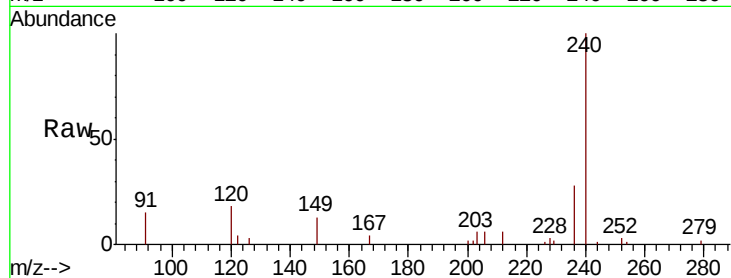
Tot Ion:240 Resp: 23061

Ion Ratio Lower Upper

240 100

120 17.5 9.0 13.4#

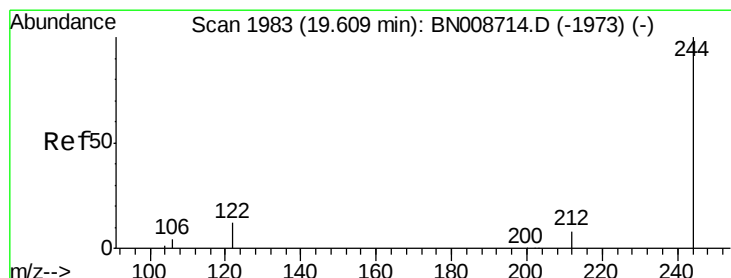
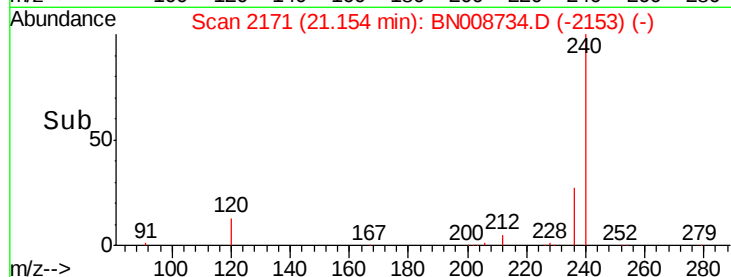
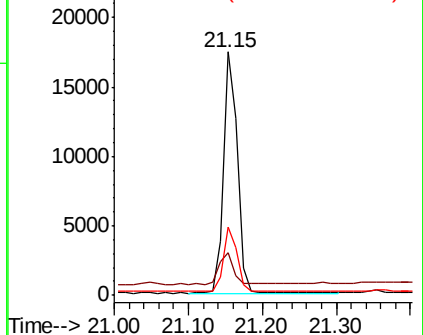
236 28.2 21.8 32.6



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: 0.315 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008734.D

Acq: 23 Nov 2019 18:11

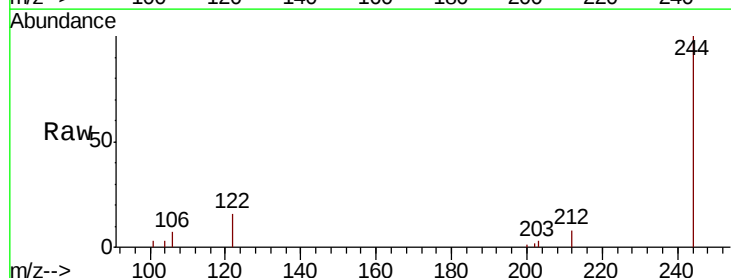
Tgt Ion:244 Resp: 17458

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

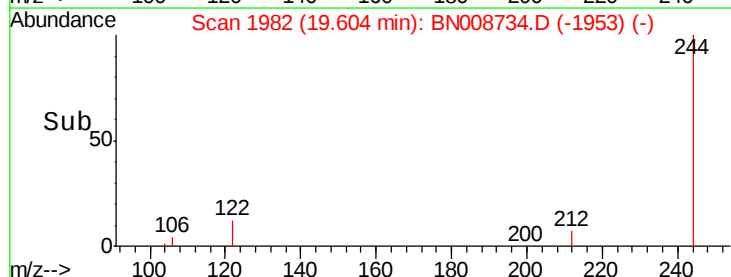
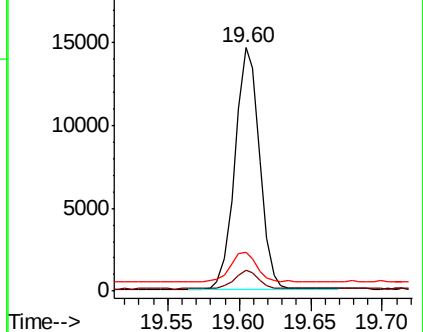
122 16.1 10.1 15.1#

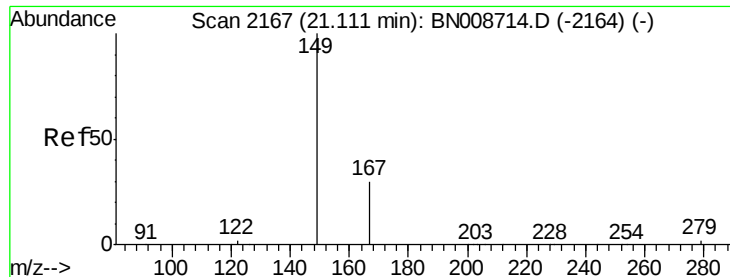


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

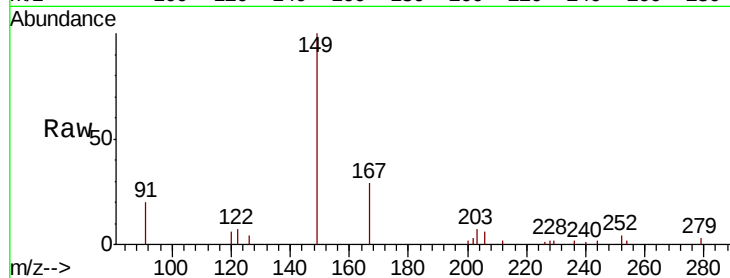




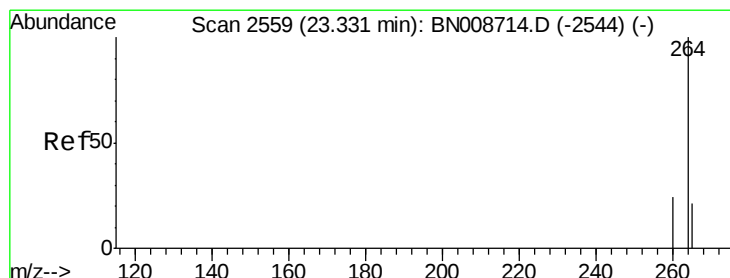
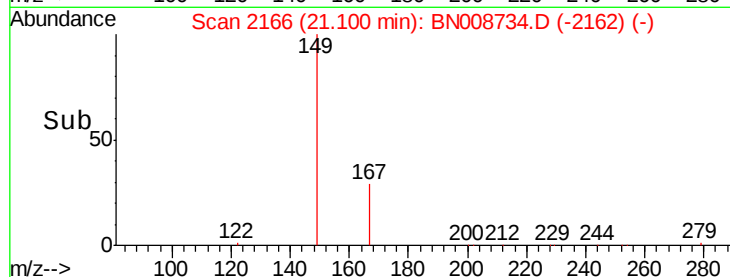
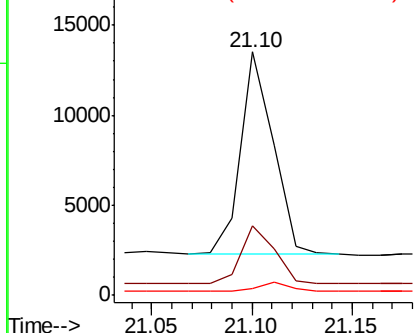
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.233 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BN008734.D
 Acq: 23 Nov 2019 18:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 12774
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.5 35.3
 279 3.7 3.4 5.0

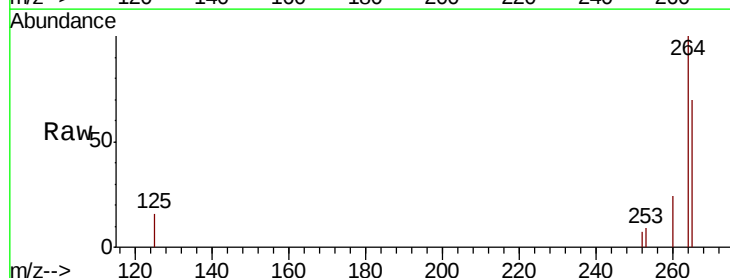


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BN008734.D
 Acq: 23 Nov 2019 18:11

Tgt Ion:264 Resp: 23825
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 70.3 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

