

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008749.D
 Acq On : 25 Nov 2019 22:27
 Operator : JU
 Sample : K5987-02DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HP-407SDL

Quant Time: Nov 26 03:26:43 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

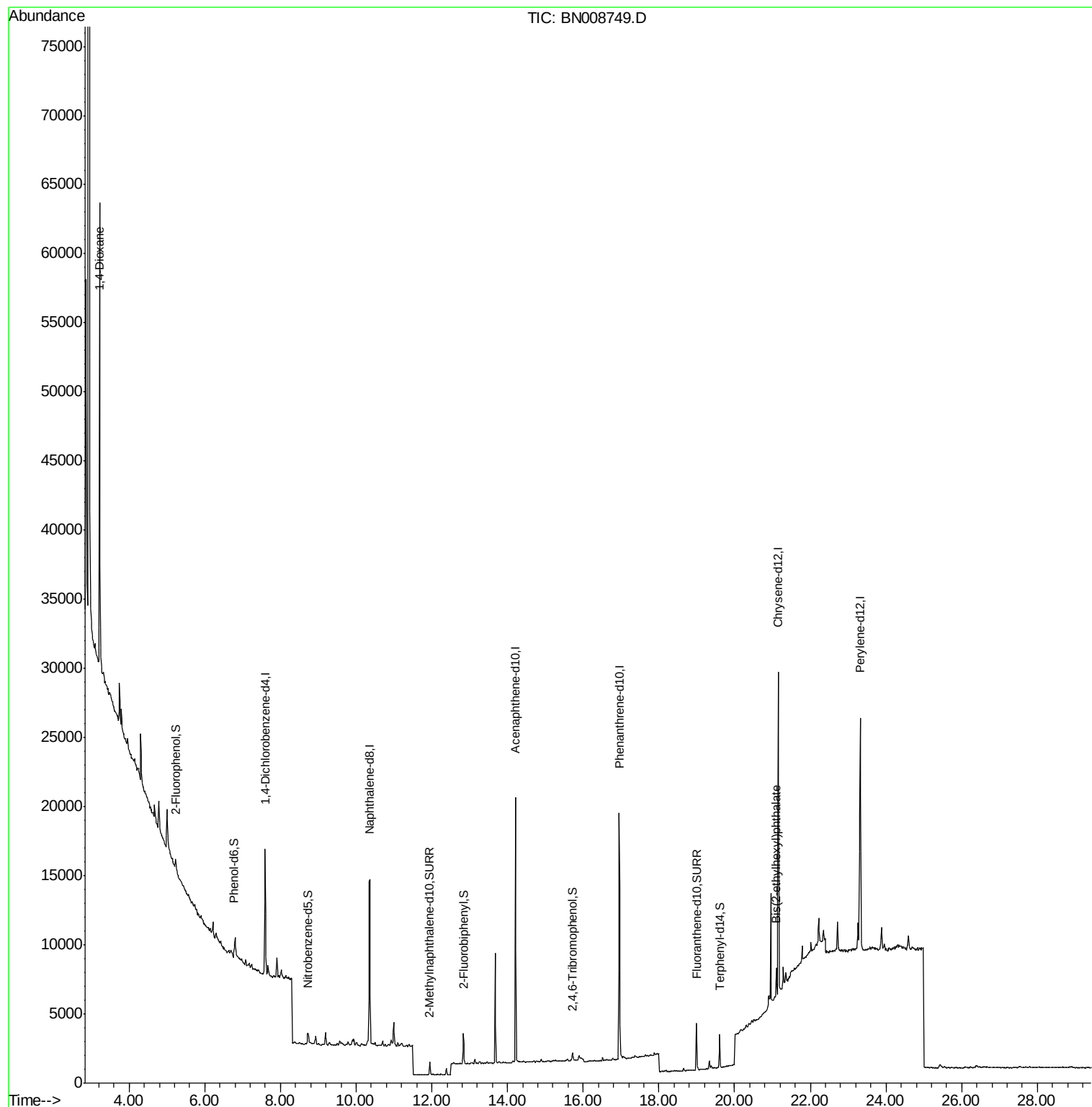
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4651	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17233	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10638	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	22866	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	21399	0.40	ng	-0.01
34) Perylene-d12	23.32	264	21817	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	392	0.03	ng	0.00
5) Phenol-d6	6.78	99	427	0.03	ng	0.00
8) Nitrobenzene-d5	8.72	82	757	0.05	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	1333	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	223	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	1891	0.05	ng	-0.01
25) Fluoranthene-d10	18.99	212	3640	0.05	ng	0.00
29) Terphenyl-d14	19.60	244	2296	0.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	17107	3.479	ng	94
32) Bis(2-ethylhexyl)phthalate	21.10	149	1837	0.036	ng	96

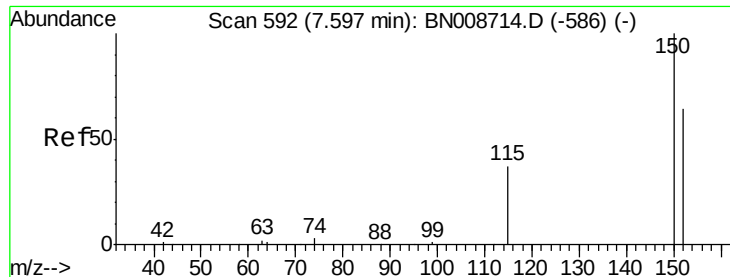
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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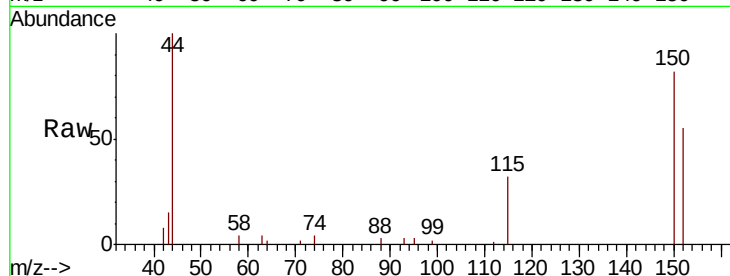


#1

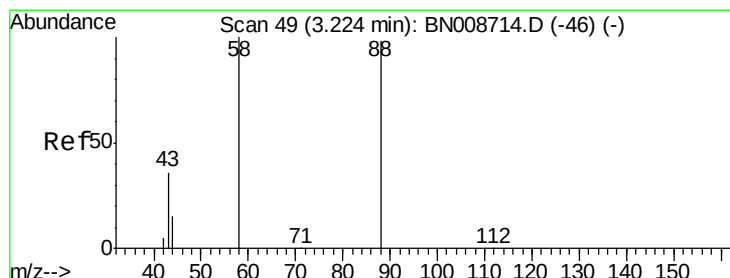
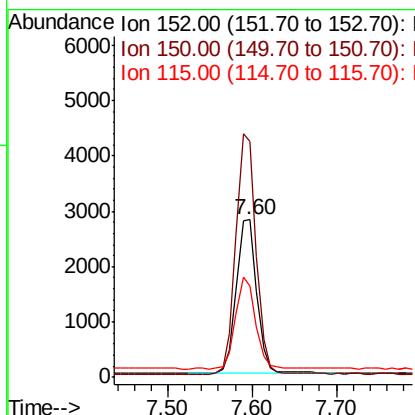
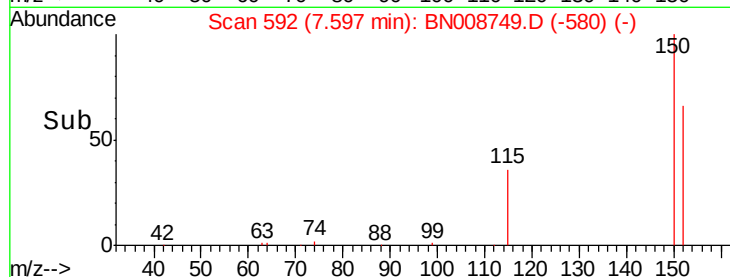
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Instrument :
BNA_N
ClientSampleId :
HP-407SDL

Tot Ion:152 Resp: 4651
Ion Ratio Lower Upper
152 100
150 149.9 124.0 186.0
115 58.3 49.8 74.8



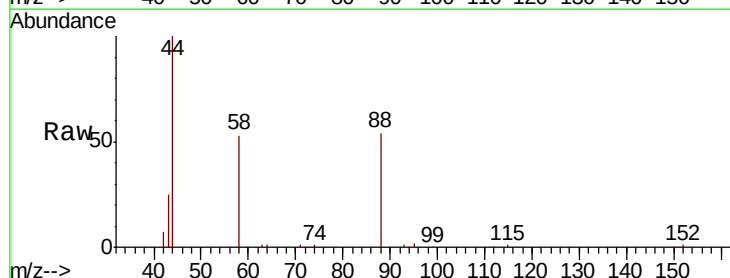
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



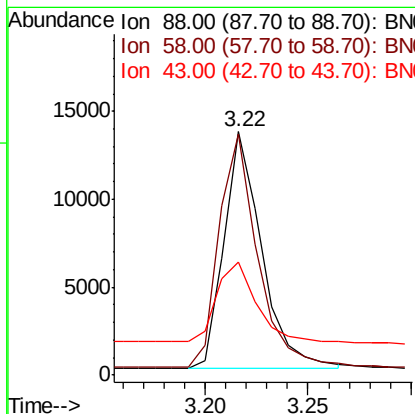
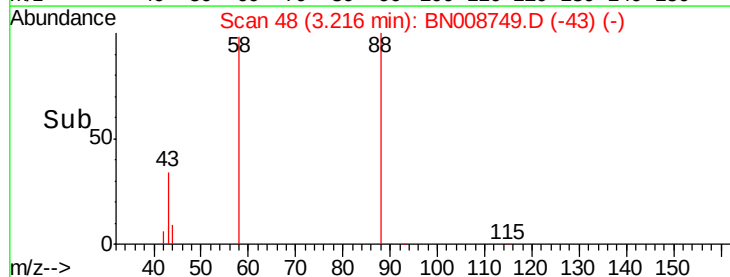
#2

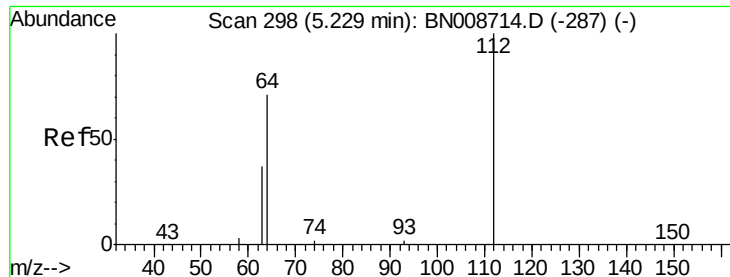
1,4-Dioxane
Concen: 3.479 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Tgt Ion: 88 Resp: 17107
Ion Ratio Lower Upper
88 100
58 99.9 85.7 128.5
43 34.9 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: 0.032 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

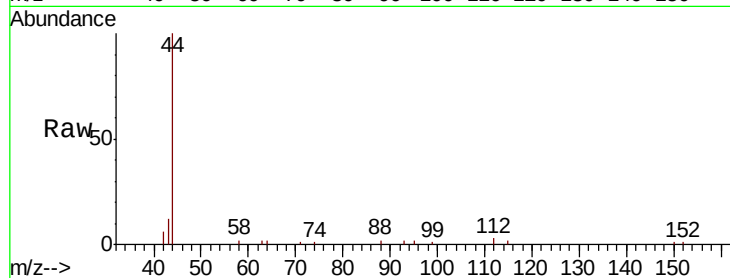
Tot Ion: 112 Resp: 392

Ion Ratio Lower Upper

112 100

64 77.3 57.1 85.7

63 43.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

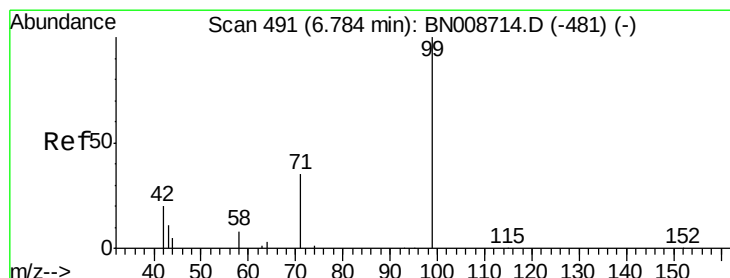
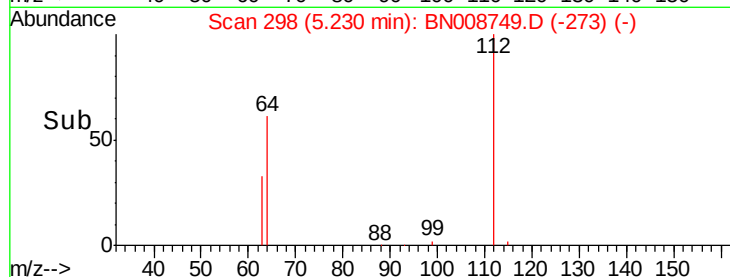
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.23

Time-->

5.15 5.20 5.25 5.30



#5

Phenol-d6

Concen: 0.028 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

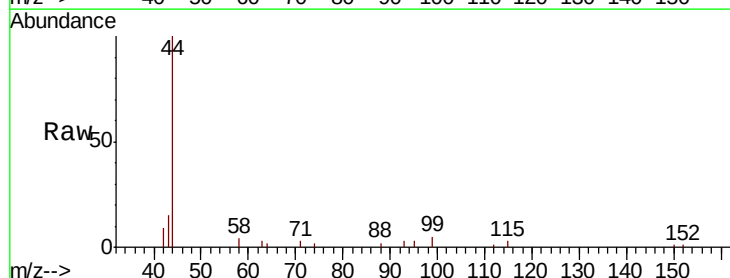
Tgt Ion: 99 Resp: 427

Ion Ratio Lower Upper

99 100

42 53.9 19.4 29.2#

71 44.0 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BNC

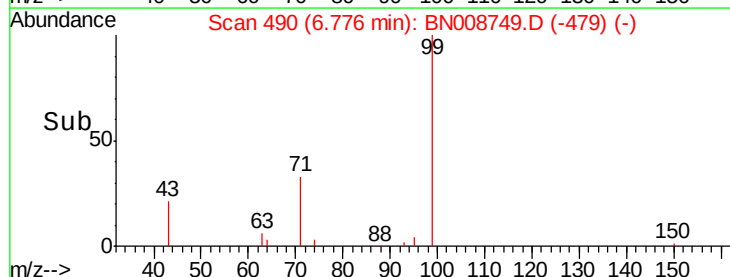
Ion 42.00 (41.70 to 42.70): BNC

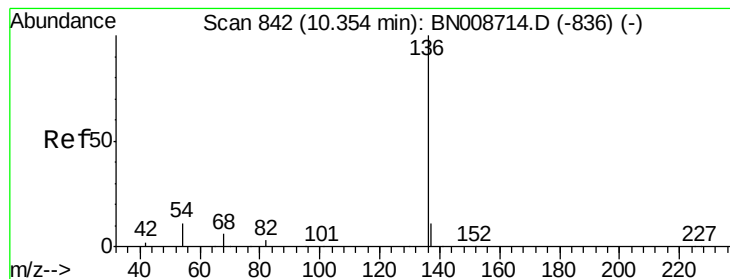
Ion 71.00 (70.70 to 71.70): BNC

6.78

Time-->

6.70 6.75 6.80 6.85





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

Tot Ion:136 Resp: 17233

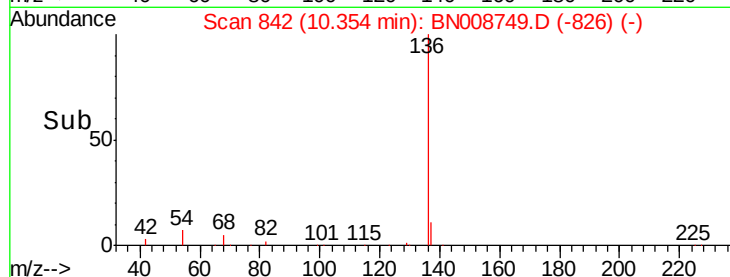
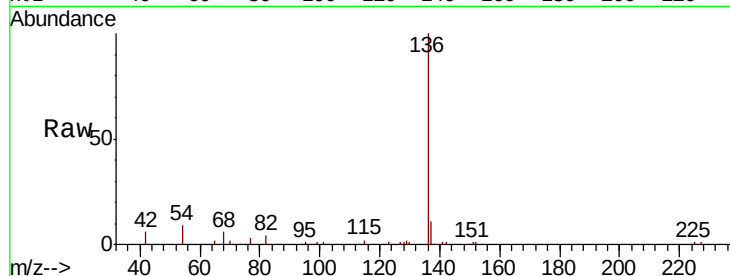
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.1 9.4 14.2#

68 6.1 5.8 8.6

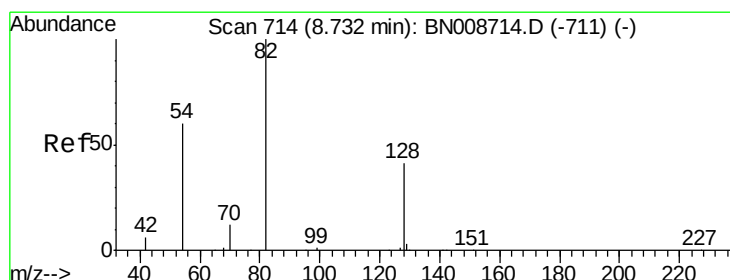
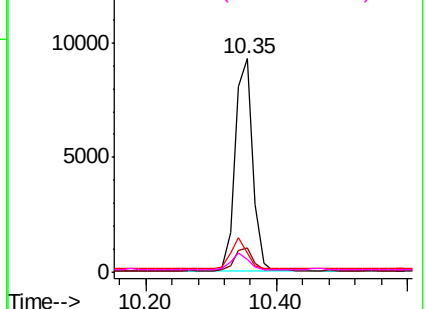


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.049 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

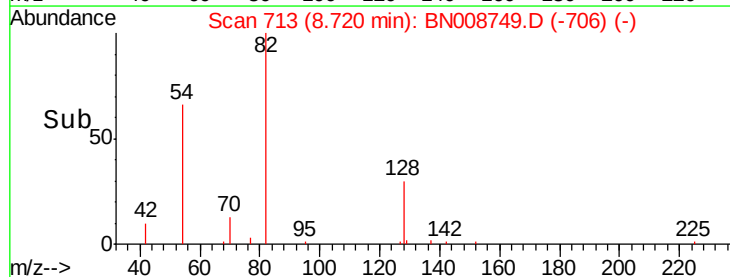
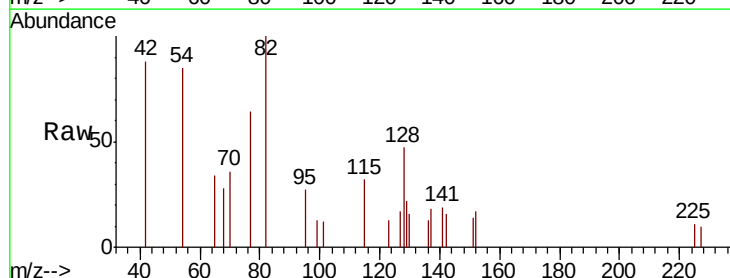
Tgt Ion: 82 Resp: 757

Ion Ratio Lower Upper

82 100

128 47.1 34.6 52.0

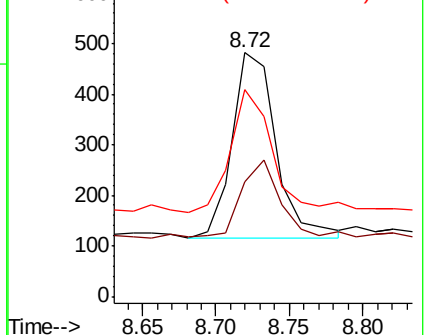
54 84.9 50.2 75.4#

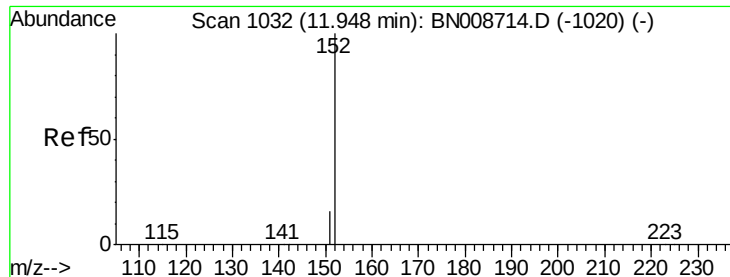


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

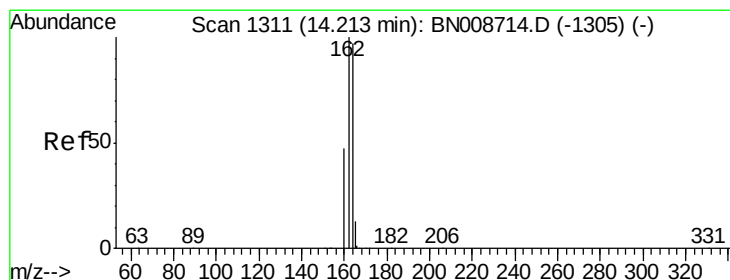
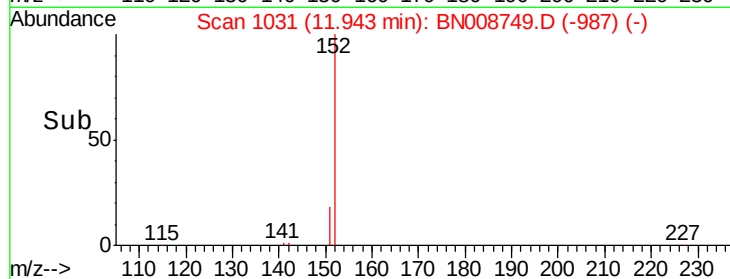
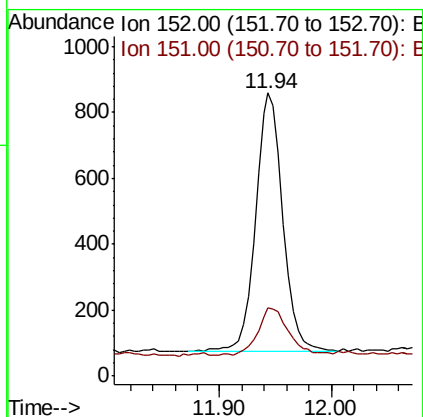
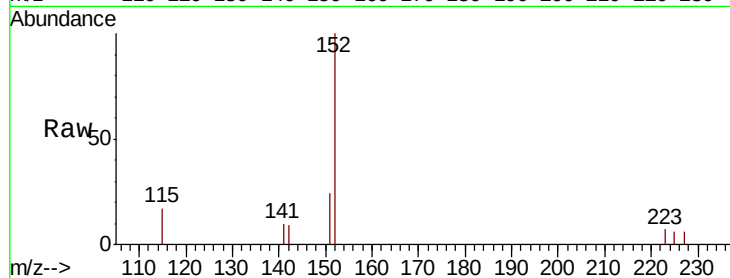




#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

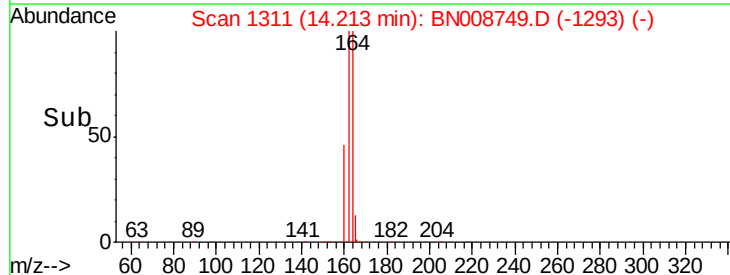
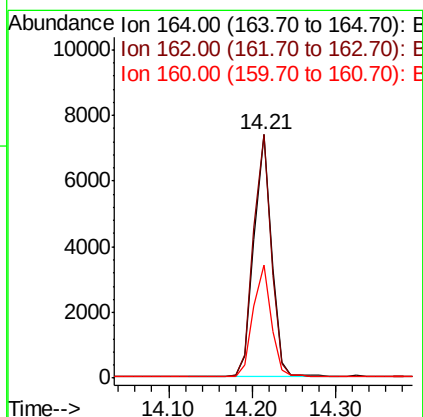
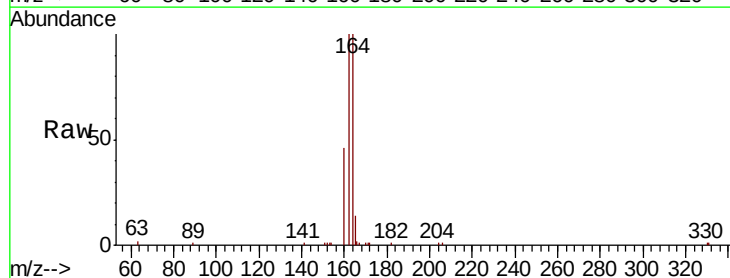
Instrument :
BNA_N
ClientSampleId :
HP-407SDL

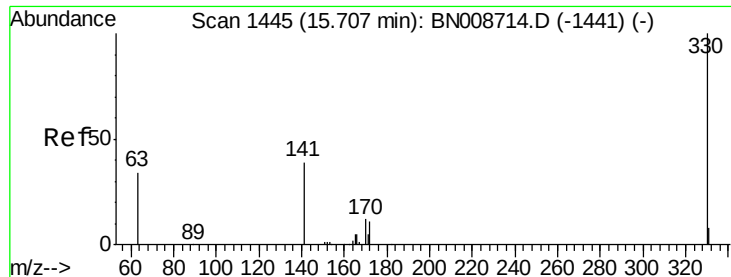
Tot Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
151 21.1 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Tgt Ion:164 Resp: 10638
Ion Ratio Lower Upper
164 100
162 99.9 82.2 123.4
160 46.2 38.7 58.1

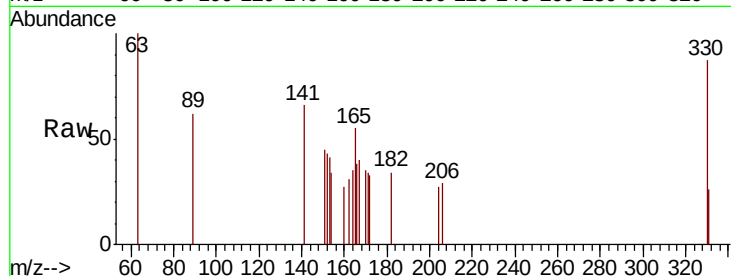




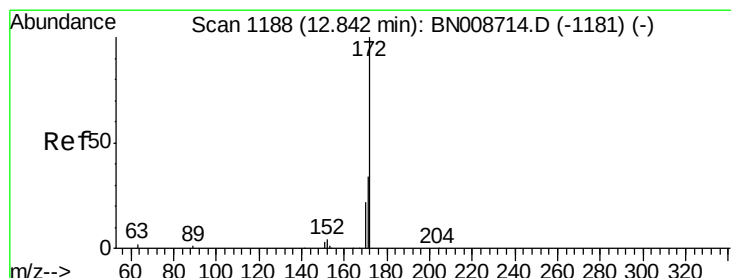
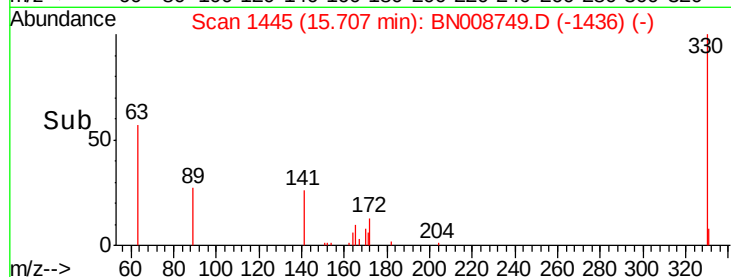
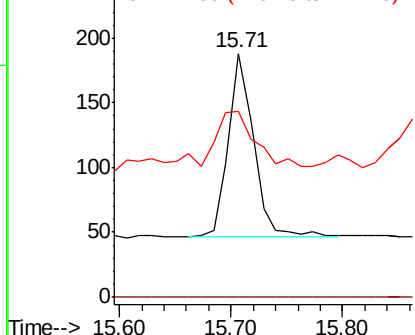
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Instrument :
BNA_N
ClientSampleId :
HP-407SDL

Tot Ion:330 Resp: 223
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.0 29.5 44.3#

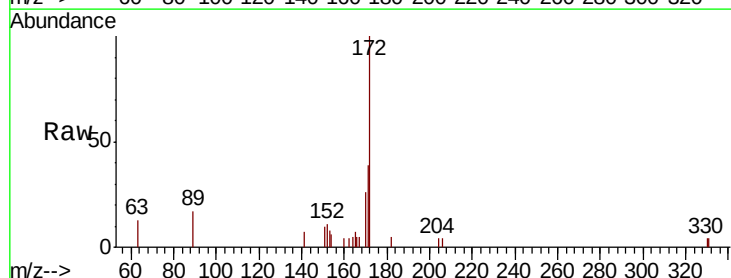


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

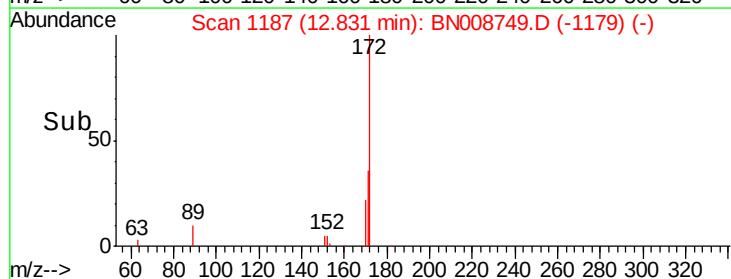
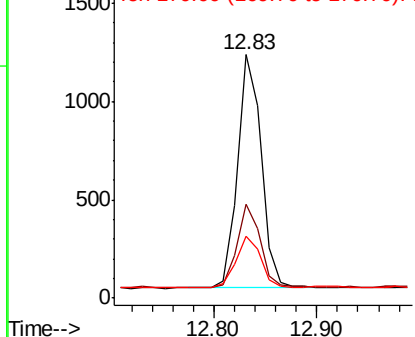


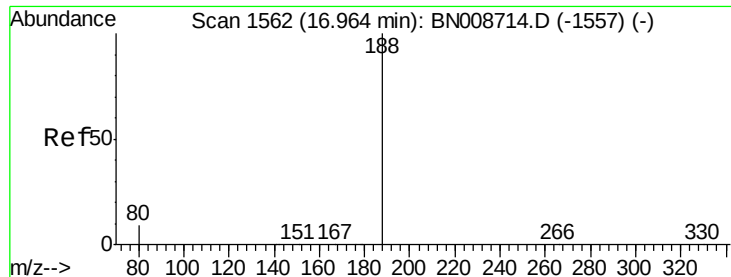
#15
2-Fluorobiphenyl
Concen: 0.045 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Tgt Ion:172 Resp: 1891
Ion Ratio Lower Upper
172 100
171 38.7 27.3 40.9
170 25.6 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: BN008749.D

Acq: 25 Nov 2019 22:27

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

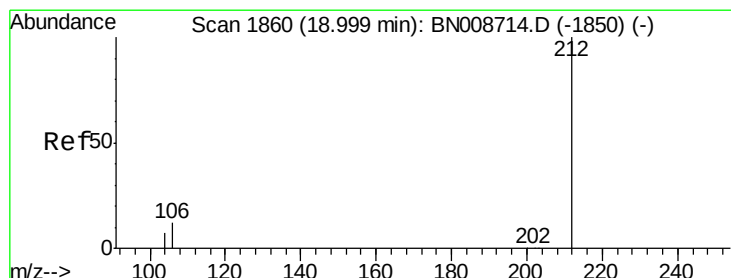
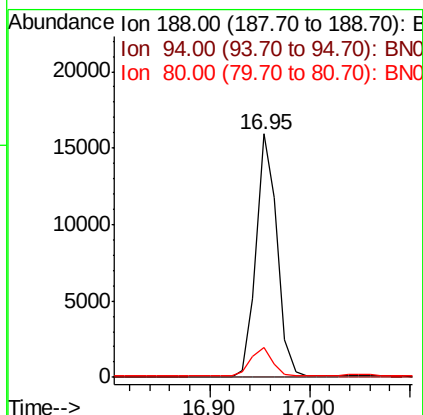
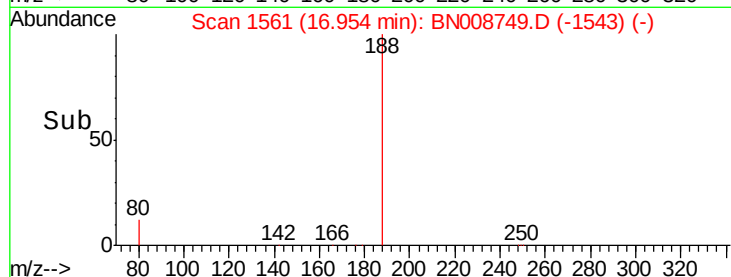
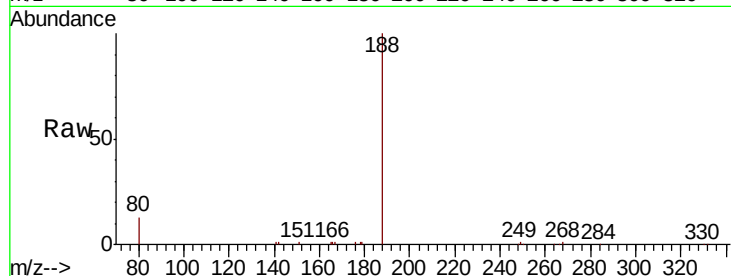
Tot Ion:188 Resp: 22866

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 7.4 11.0#



#25

Fluoranthene-d10

Concen: 0.054 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

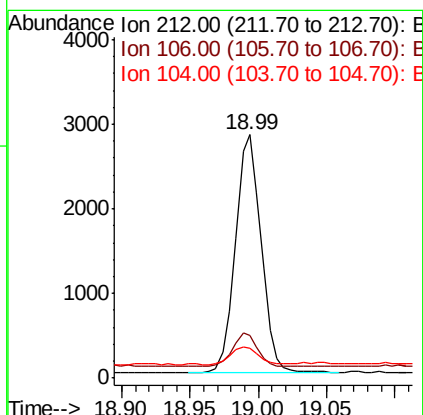
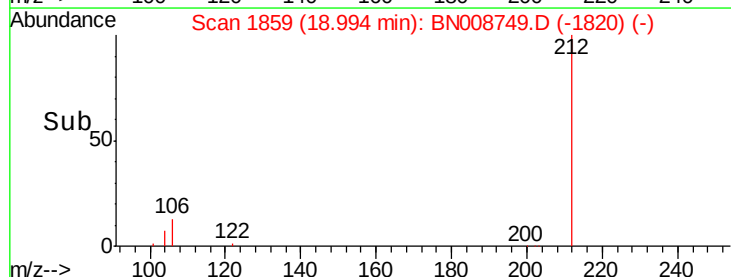
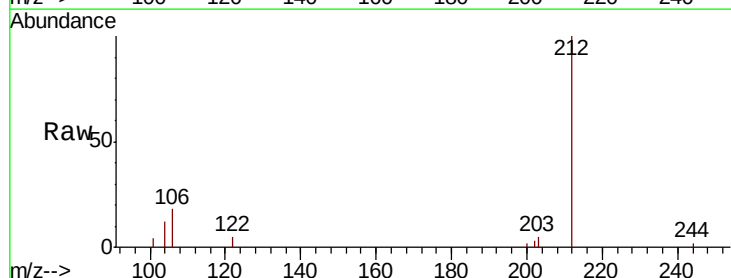
Tgt Ion:212 Resp: 3640

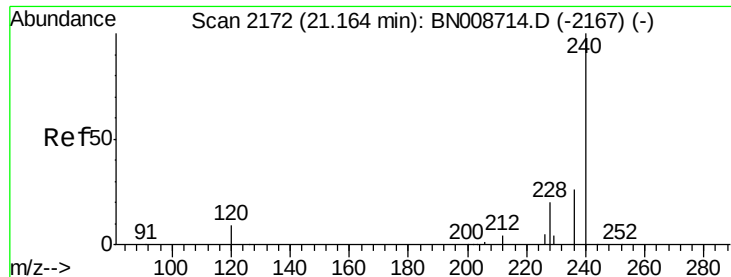
Ion Ratio Lower Upper

212 100

106 13.8 10.6 15.8

104 8.4 6.0 9.0

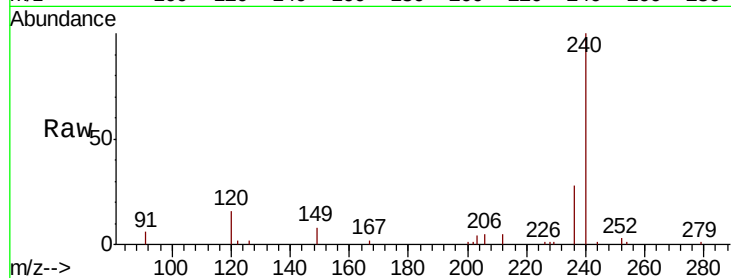




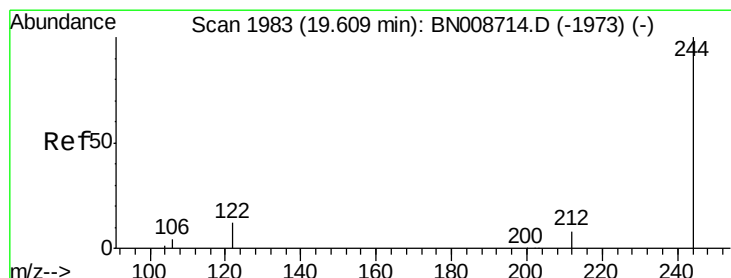
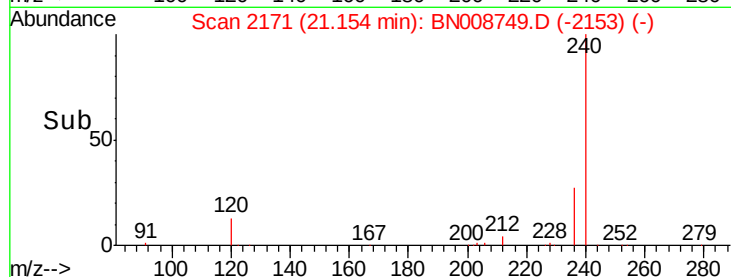
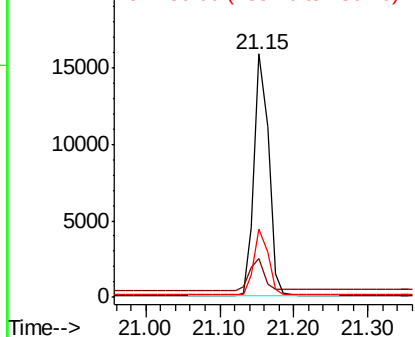
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN008749.D
 Acq: 25 Nov 2019 22:27

Instrument :
 BNA_N
 ClientSampleId :
 HP-407SDL

Tot Ion:240 Resp: 21399
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.0 13.4#
 236 28.0 21.8 32.6

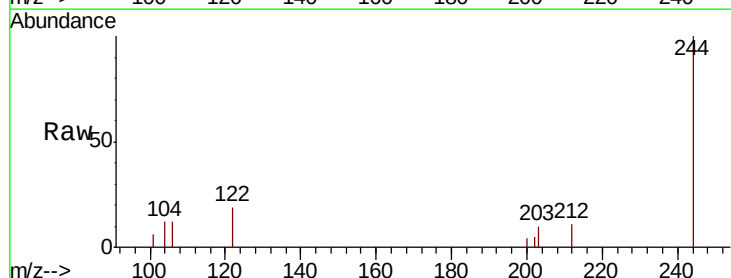


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

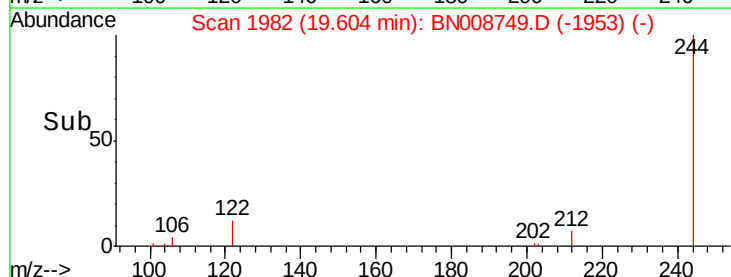
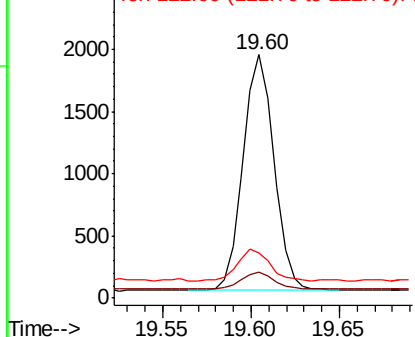


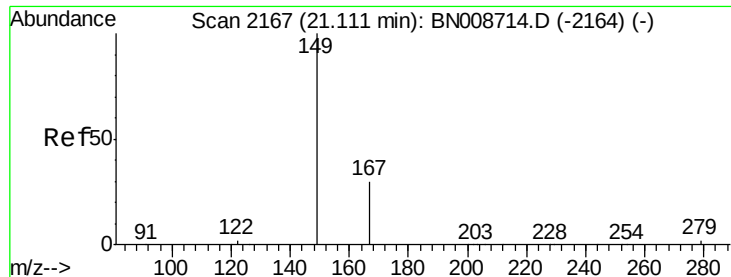
#29
 Terphenyl-d14
 Concen: 0.045 ng
 RT: 19.60 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BN008749.D
 Acq: 25 Nov 2019 22:27

Tgt Ion:244 Resp: 2296
 Ion Ratio Lower Upper
 244 100
 212 10.8 6.6 9.8#
 122 18.8 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: 0.036 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

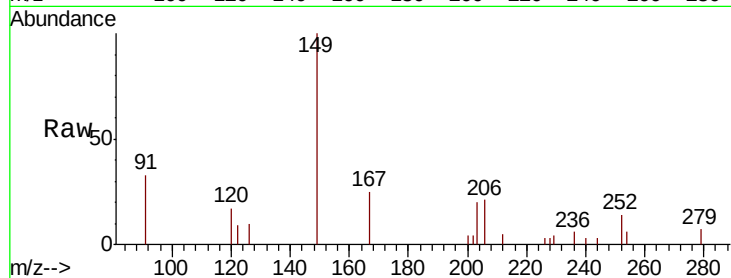
Tot Ion:149 Resp: 1837

Ion Ratio Lower Upper

149 100

167 27.0 23.5 35.3

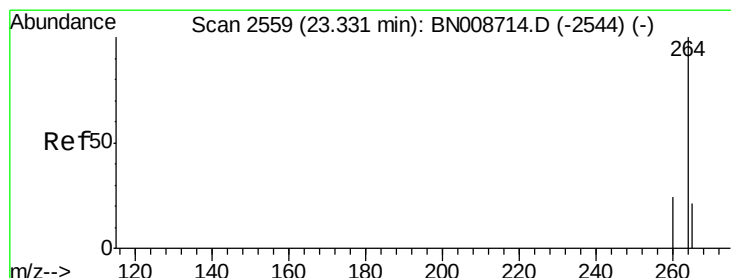
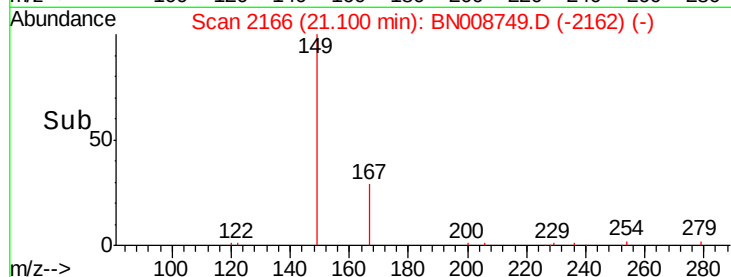
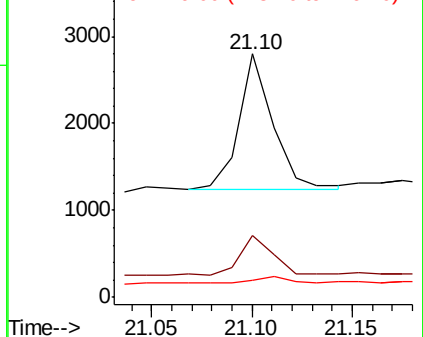
279 3.7 3.4 5.0



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: BN008749.D

Acq: 25 Nov 2019 22:27

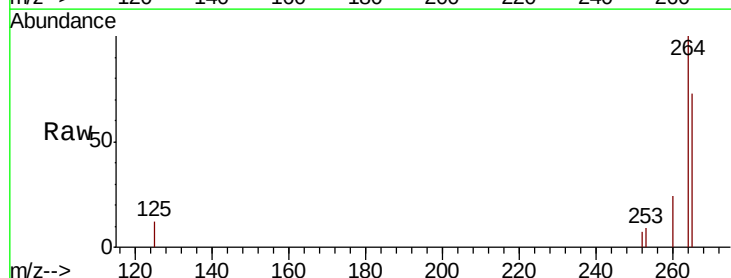
Tgt Ion:264 Resp: 21817

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 72.9 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

