

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 02:55:04 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

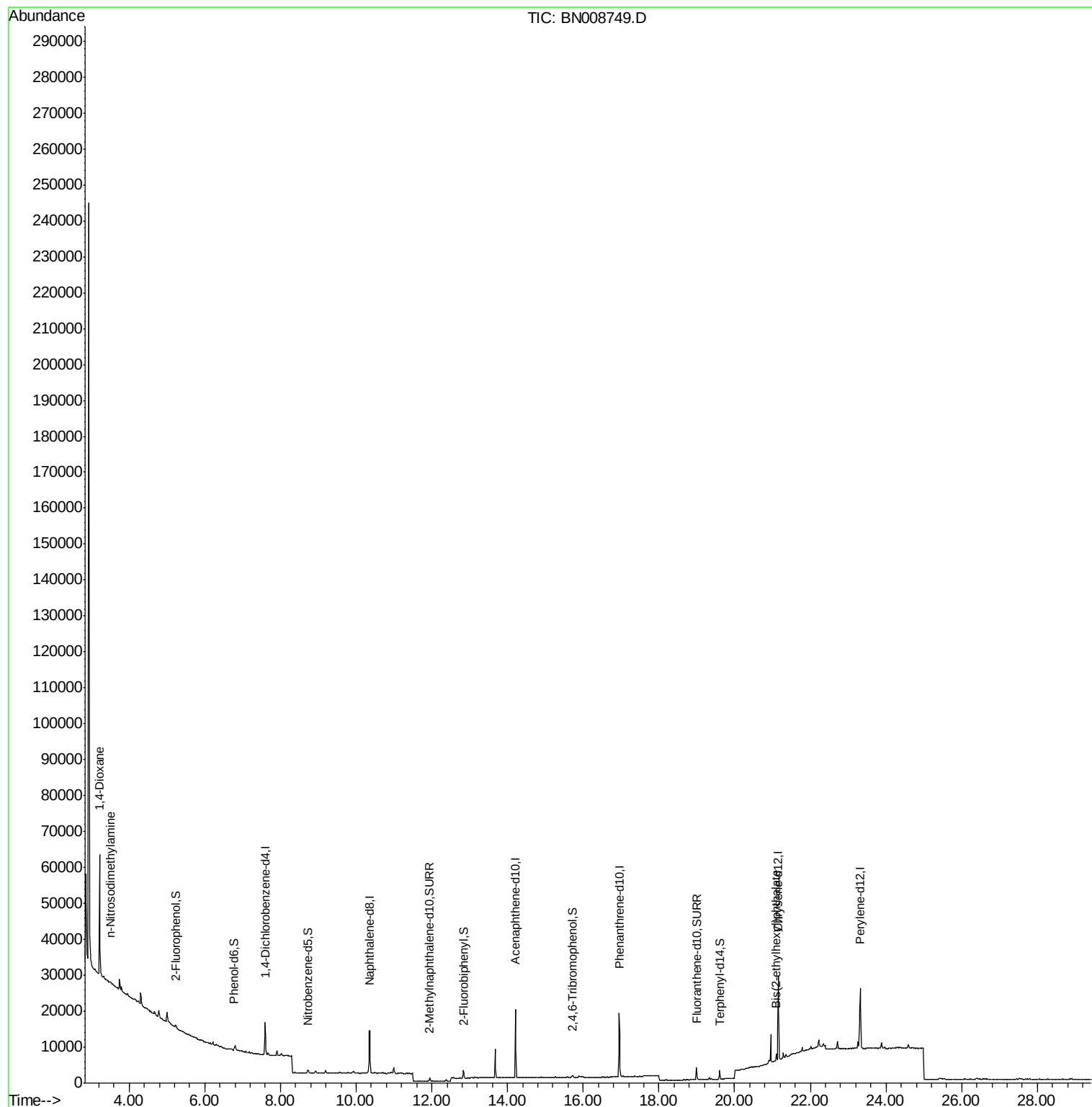
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4651	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17233	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10638	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	22866	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	21399	0.40	ng	-0.01
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	Qvalue 94
3) n-Nitrosodimethylamine	3.51	42	184	0.030	ng	# 13
32) Bis(2-ethylhexyl)phthalate	21.10	149	1837	0.036	ng	96

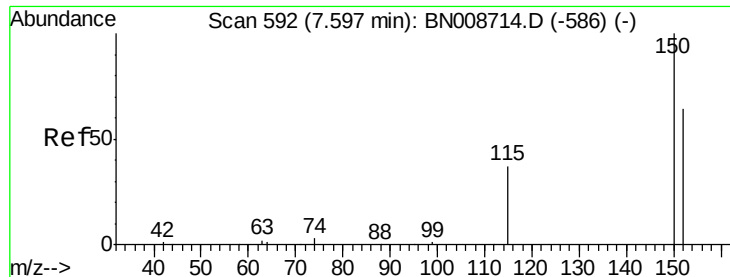
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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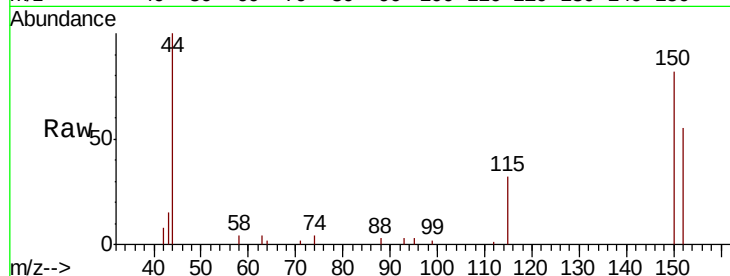


#1

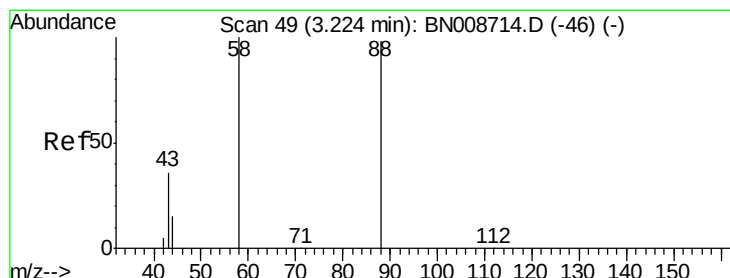
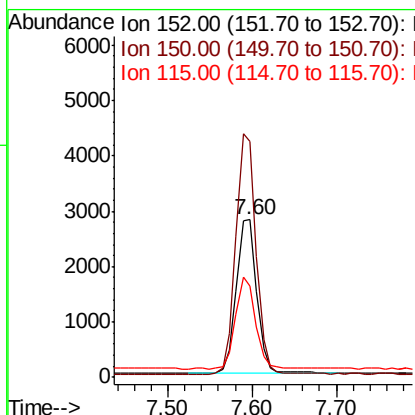
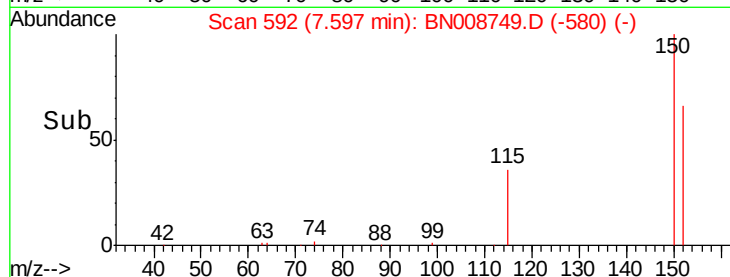
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

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



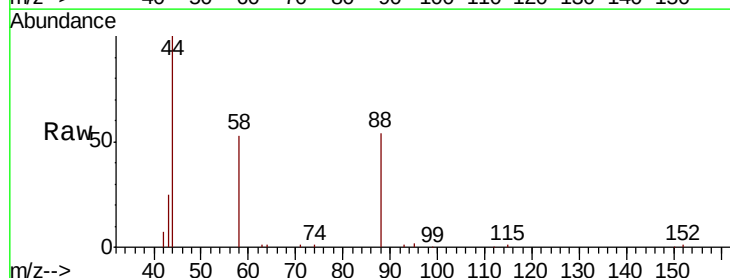
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



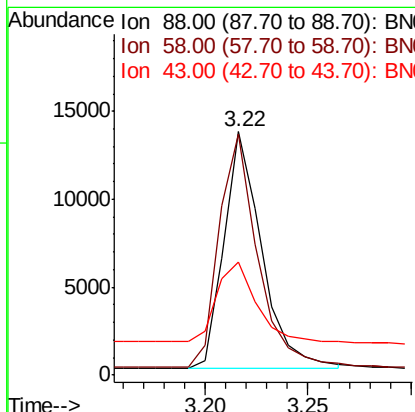
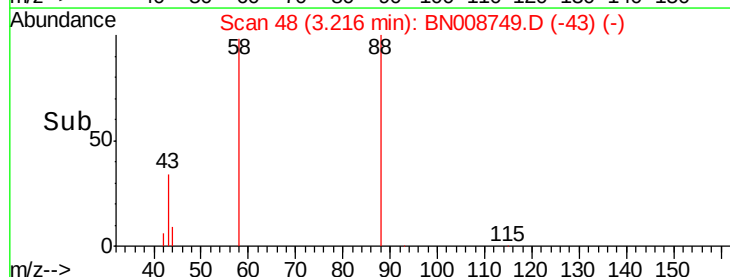
#2

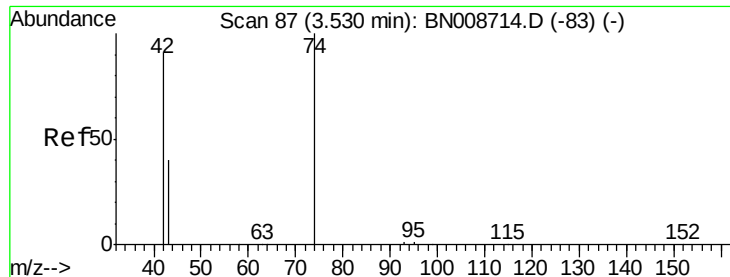
1,4-Dioxane
Concen: 3.479 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

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





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.02 min

Lab File: BN008749.D

Acq: 25 Nov 2019 22:27

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

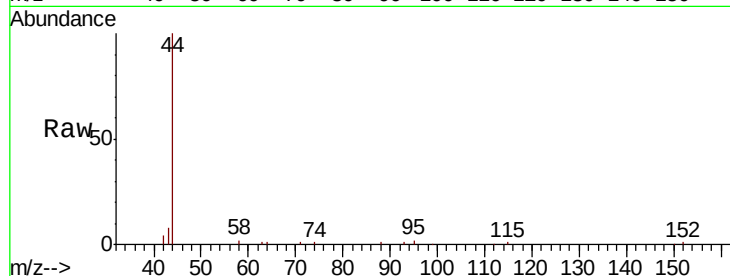
Tot Ion: 42 Resp: 184

Ion Ratio Lower Upper

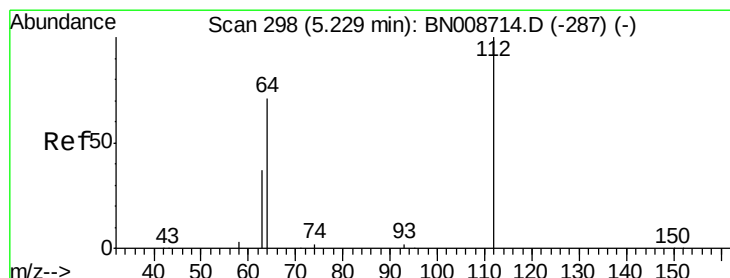
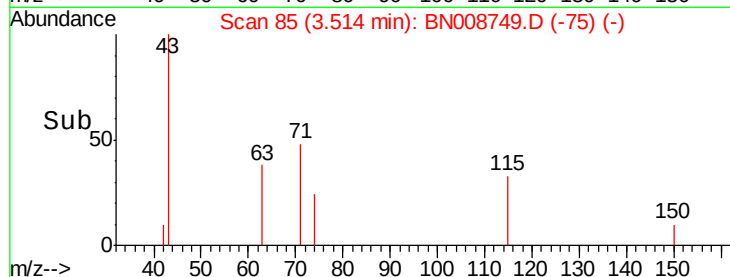
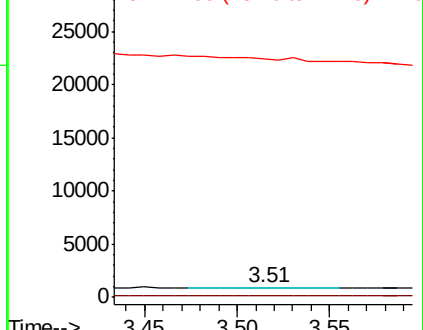
42 100

74 18.5 88.0 132.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#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

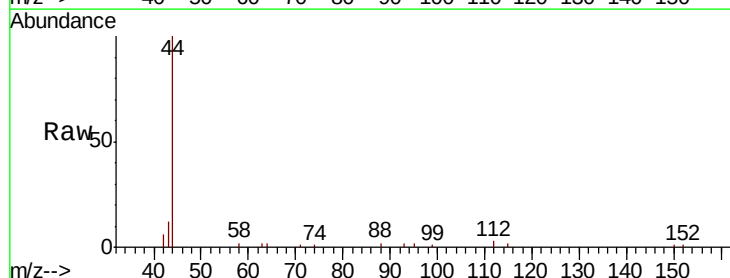
Tgt Ion: 112 Resp: 392

Ion Ratio Lower Upper

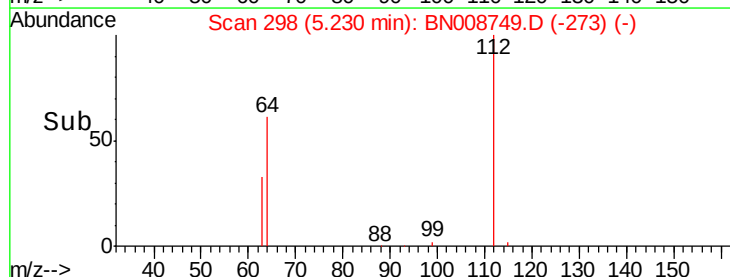
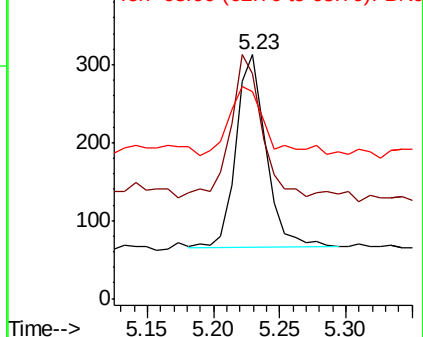
112 100

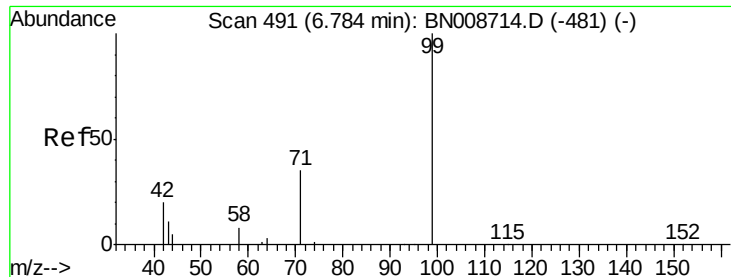
64 77.3 57.1 85.7

63 43.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

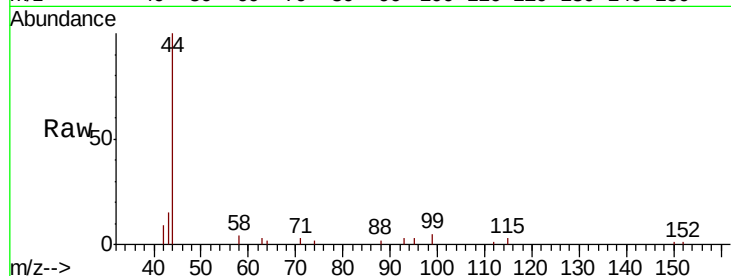
Tot Ion: 99 Resp: 427

Ion Ratio Lower Upper

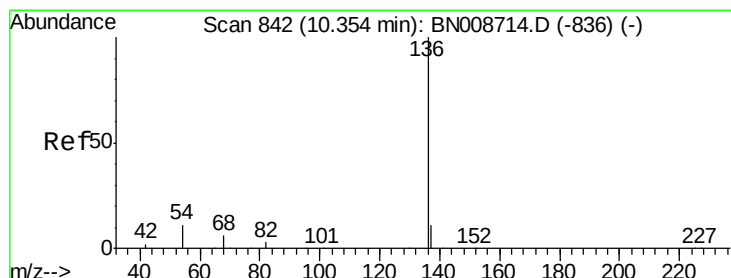
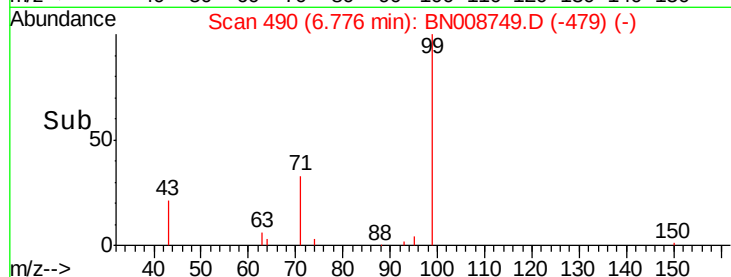
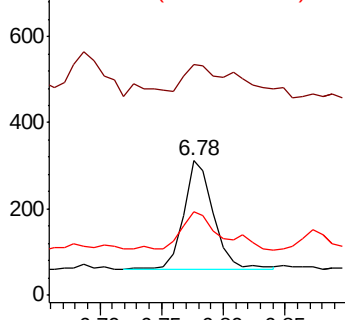
99 100

42 53.9 19.4 29.2#

71 44.0 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BN008714.D (-481) (-)



#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

Tgt Ion: 136 Resp: 17233

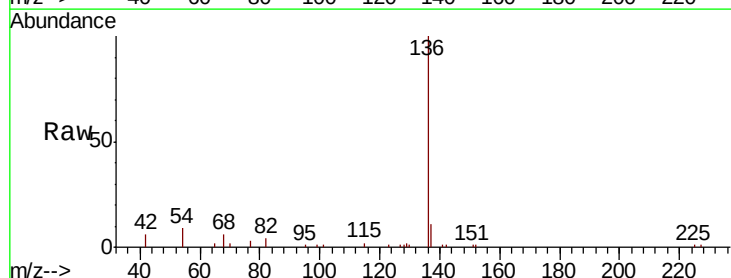
Ion Ratio Lower Upper

136 100

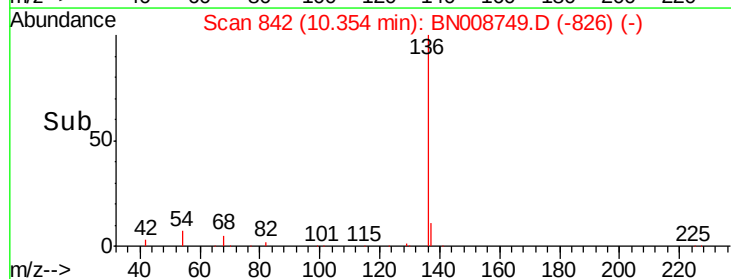
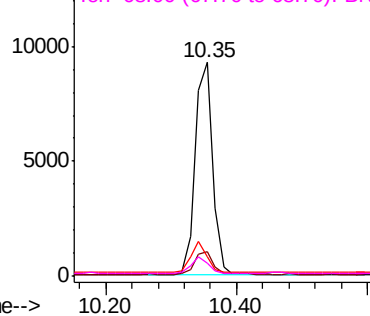
137 11.4 9.3 13.9

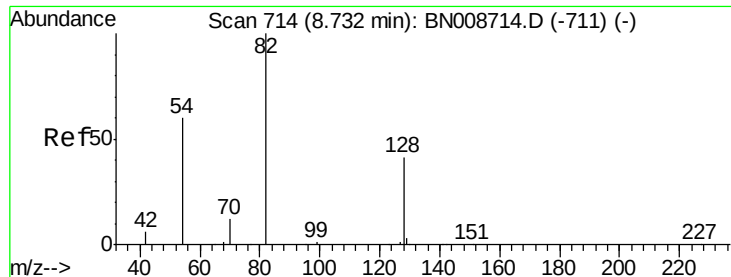
54 9.1 9.4 14.2#

68 6.1 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BN008714.D (-836) (-)





#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

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

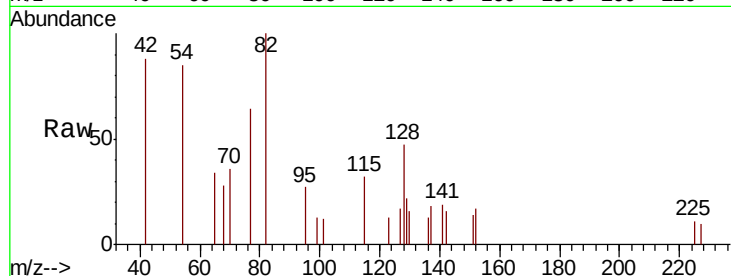
Tot Ion: 82 Resp: 757

Ion Ratio Lower Upper

82 100

128 47.1 34.6 52.0

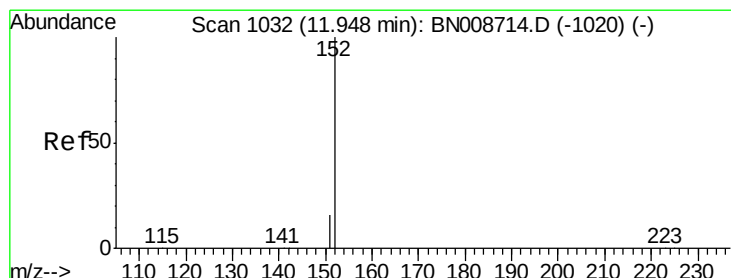
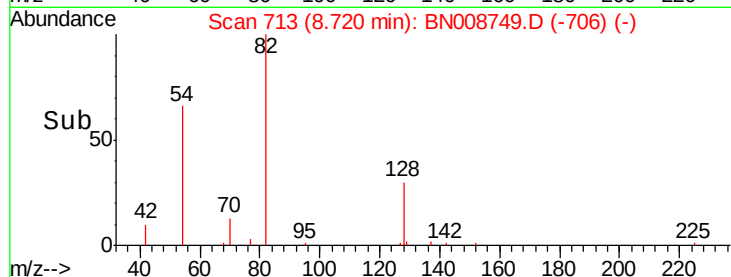
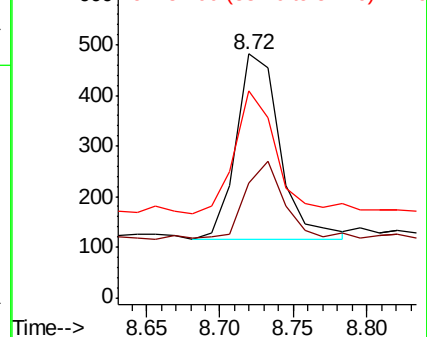
54 84.9 50.2 75.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

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

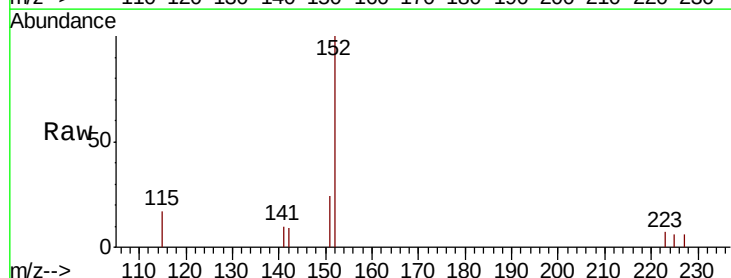
Acq: 25 Nov 2019 22:27

Tgt Ion: 152 Resp: 1333

Ion Ratio Lower Upper

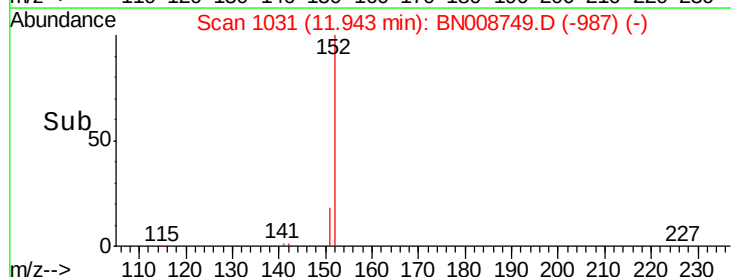
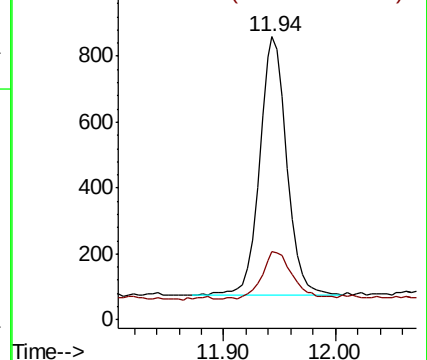
152 100

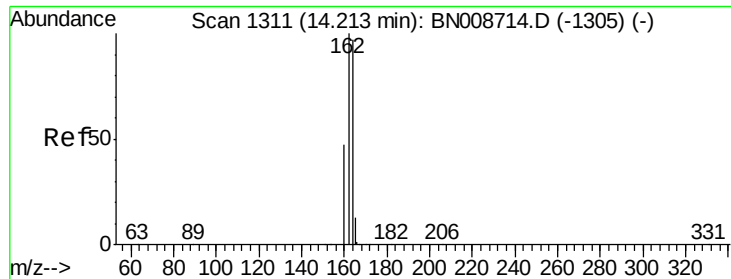
151 21.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

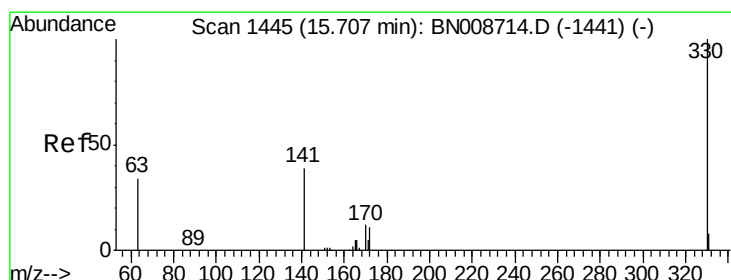
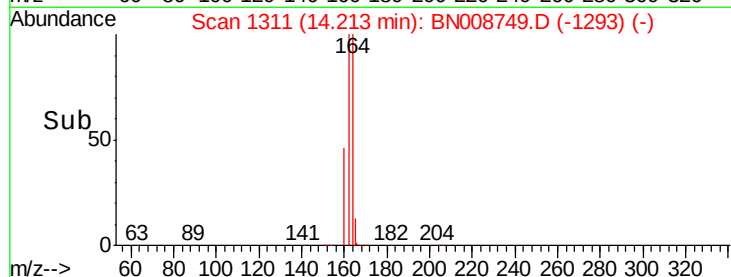
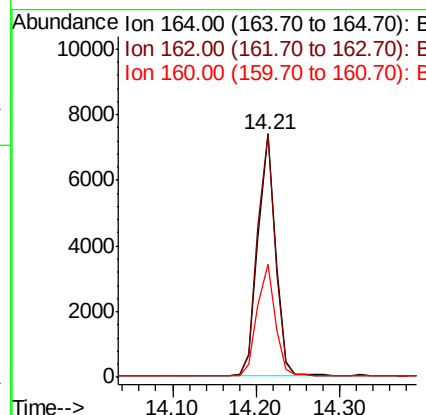
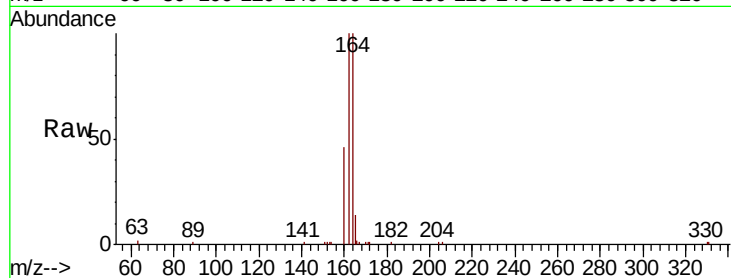




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BN008749.D
 Acq: 25 Nov 2019 22:27

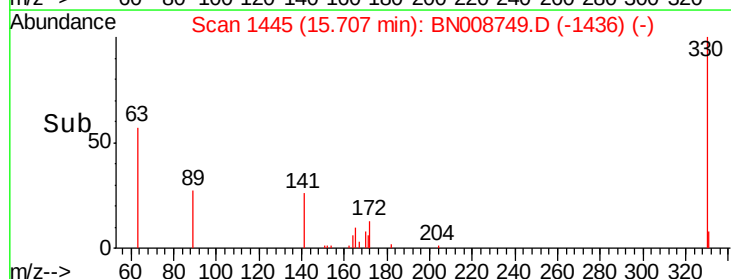
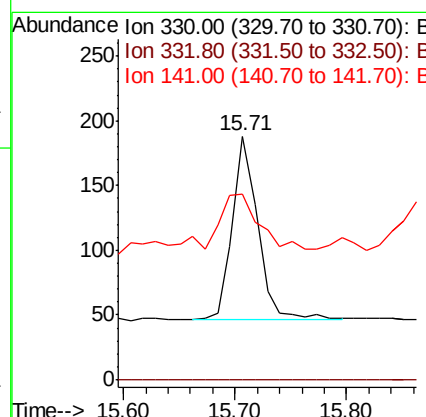
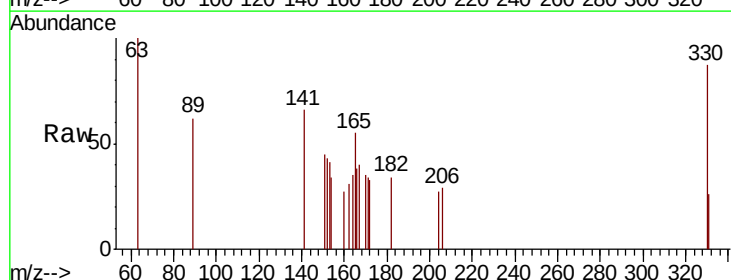
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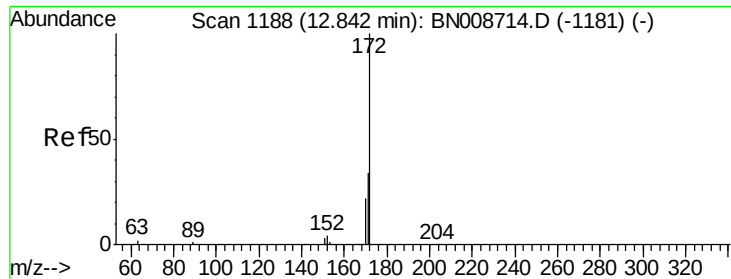
Tot Ion:164 Resp: 10638
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.2 123.4
 160 46.2 38.7 58.1



#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

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

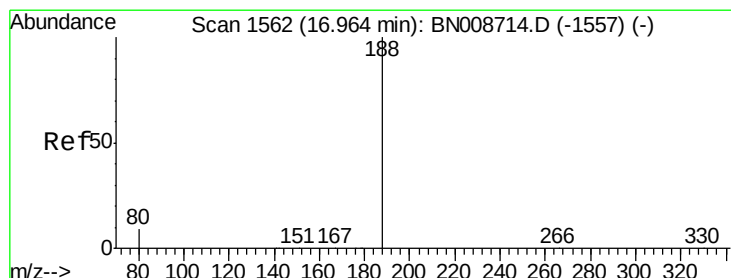
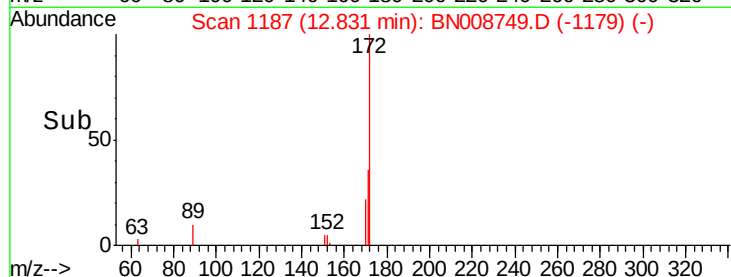
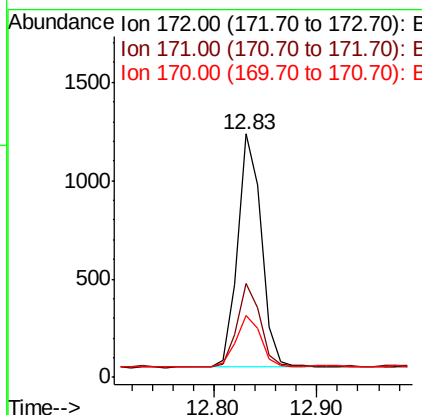
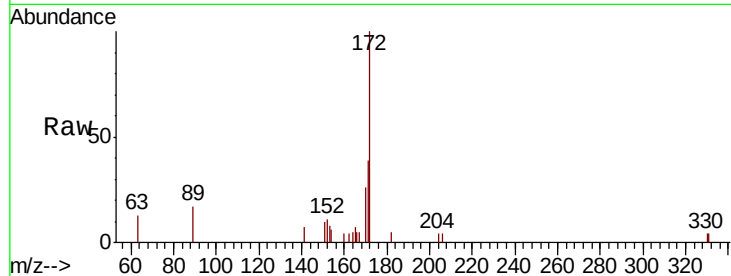




#15
2-Fluorobiphenyl
Concen: 0.045 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

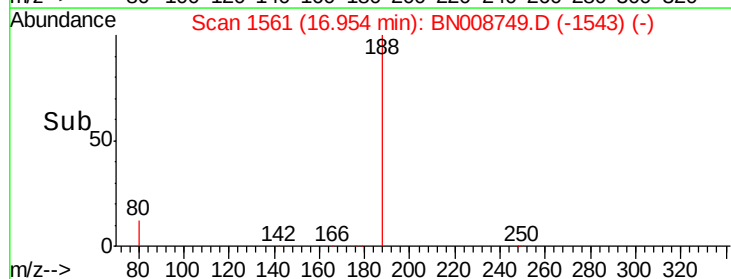
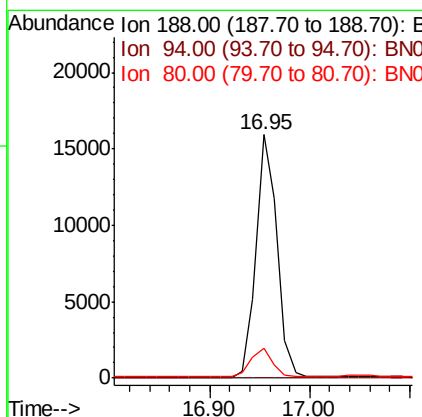
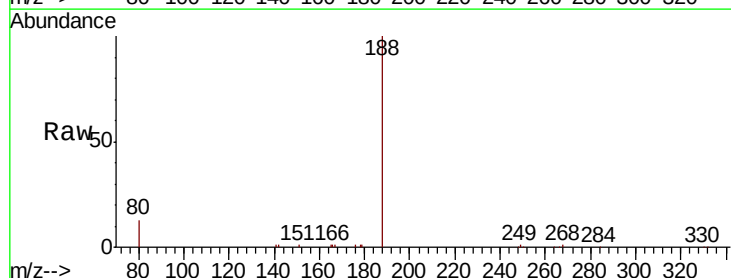
Instrument :
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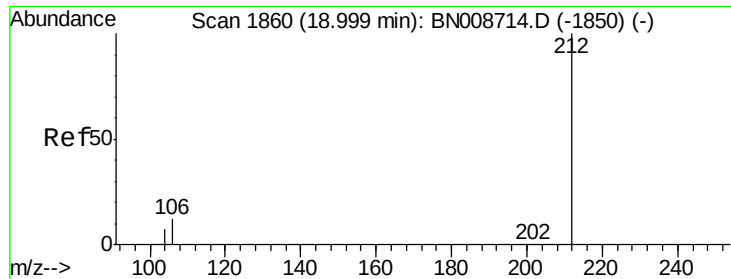
Tot Ion:172 Resp: 1891
Ion Ratio Lower Upper
172 100
171 38.7 27.3 40.9
170 25.6 17.8 26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008749.D
Acq: 25 Nov 2019 22:27

Tgt 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

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

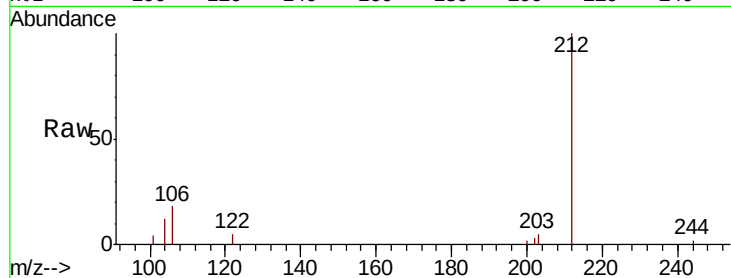
Tot Ion:212 Resp: 3640

Ion Ratio Lower Upper

212 100

106 13.8 10.6 15.8

104 8.4 6.0 9.0

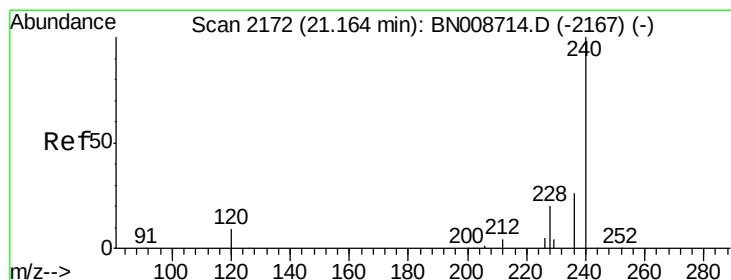
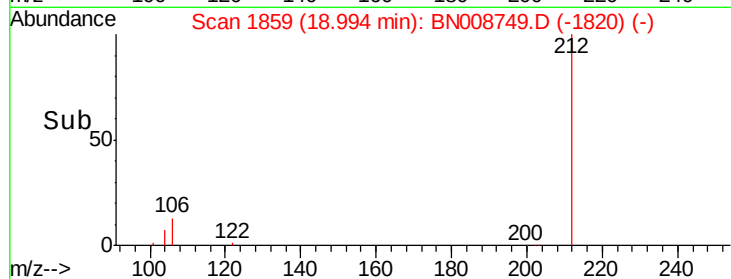
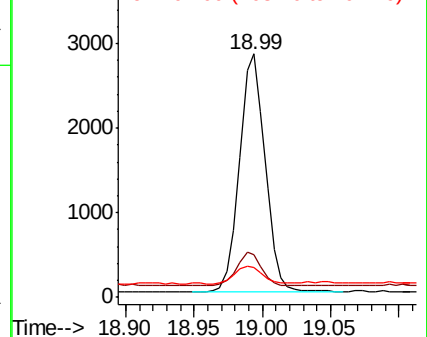


Abundance

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: BN008749.D

Acq: 25 Nov 2019 22:27

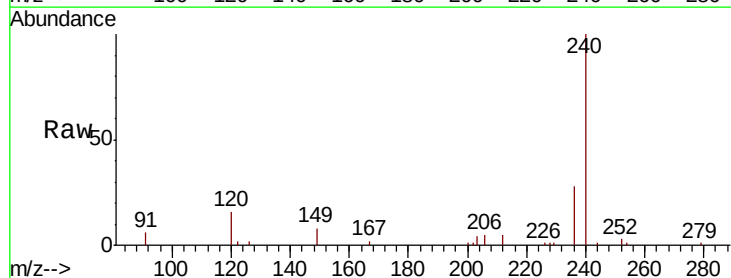
Tgt Ion:240 Resp: 21399

Ion Ratio Lower Upper

240 100

120 15.7 9.0 13.4#

236 28.0 21.8 32.6

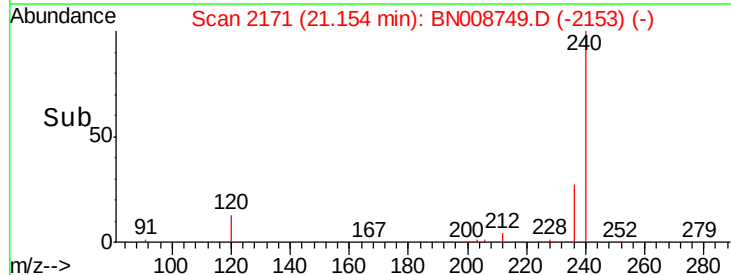
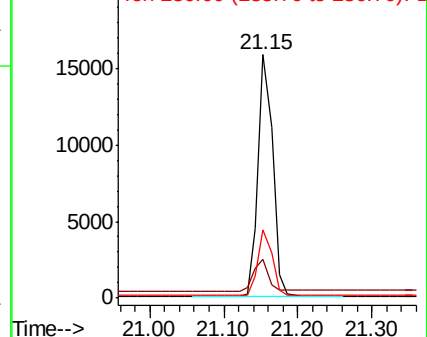


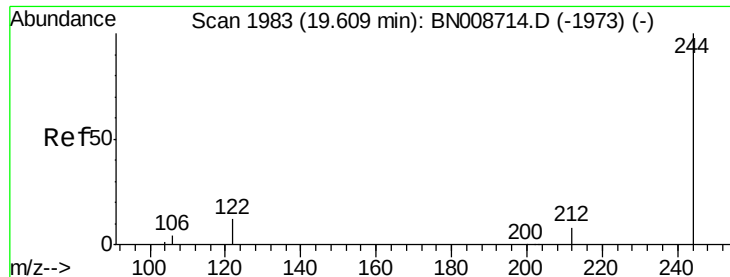
Abundance

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

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

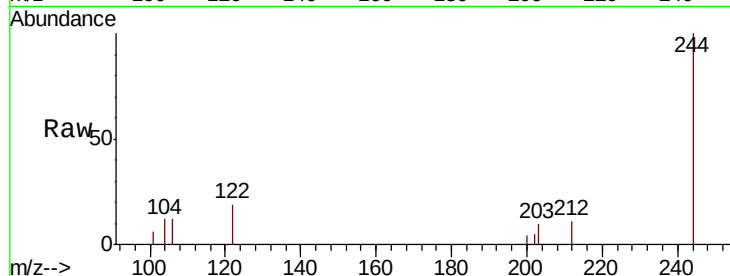
Tot Ion:244 Resp: 2296

Ion Ratio Lower Upper

244 100

212 10.8 6.6 9.8#

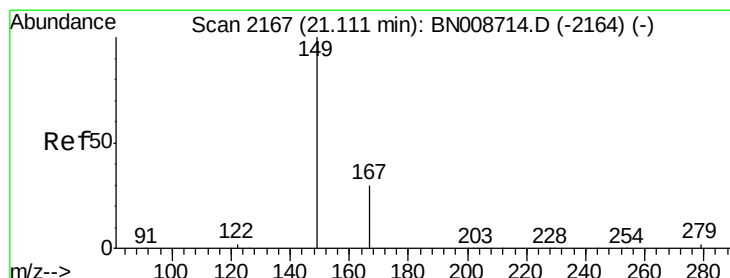
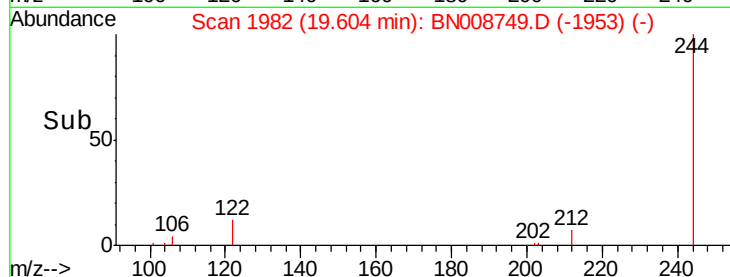
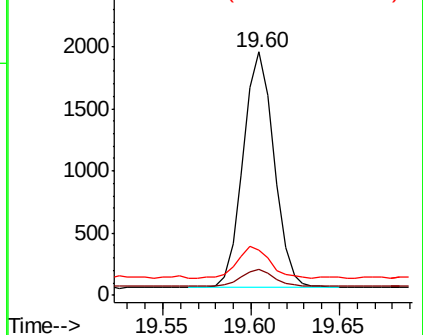
122 18.8 10.1 15.1#



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

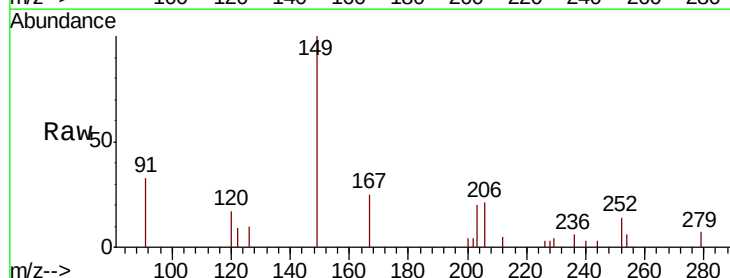
Tgt Ion:149 Resp: 1837

Ion Ratio Lower Upper

149 100

167 27.0 23.5 35.3

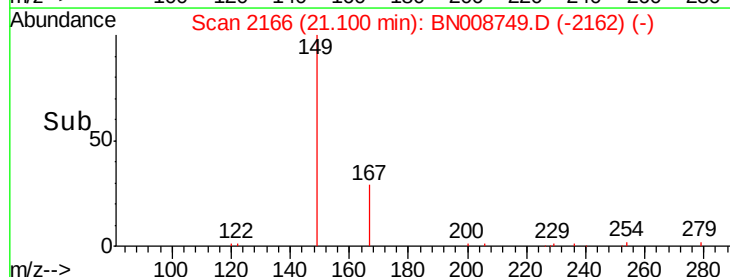
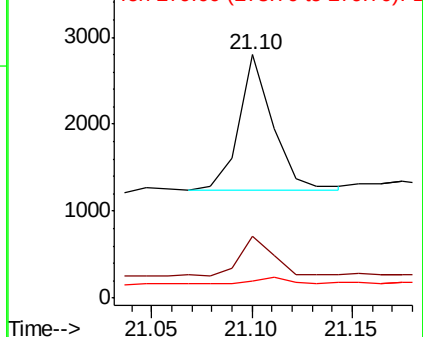
279 3.7 3.4 5.0

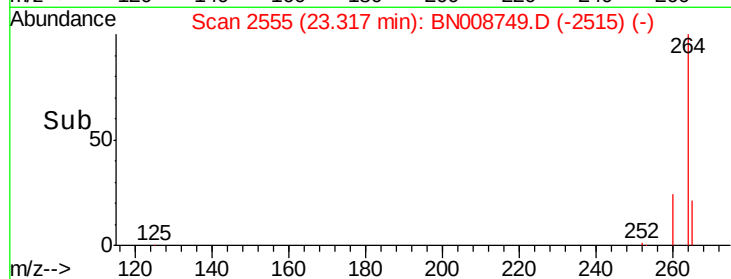
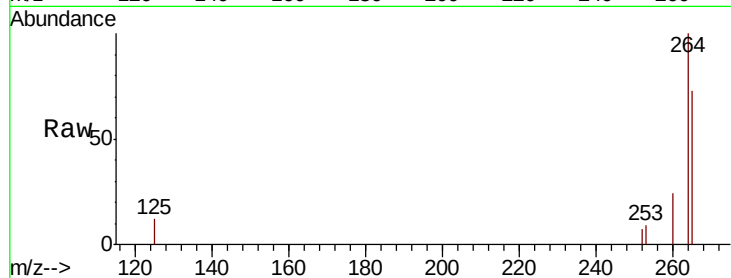
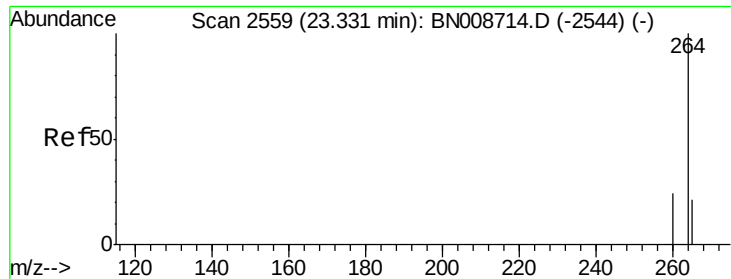


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-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

Instrument :

BNA_N

ClientSampleId :

HP-407SDL

Tot Ion:264 Resp: 21817

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 72.9 61.8 92.6

