

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009409.D
 Acq On : 21 Jan 2020 11:41
 Operator : JU
 Sample : PB125983BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 21 14:30:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

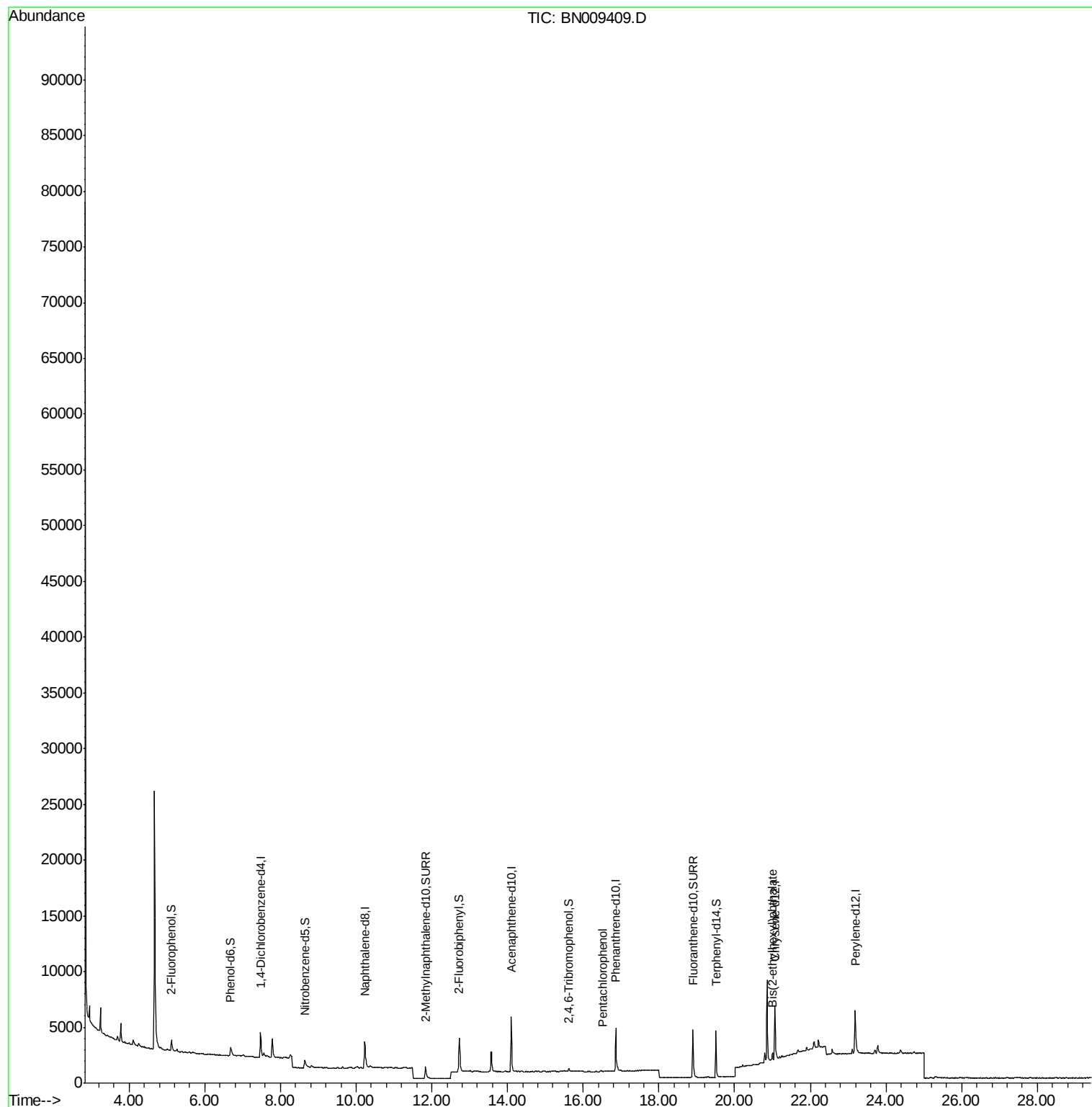
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1425	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4606	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3042	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6769	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6121	0.40	ng	0.00
34) Perylene-d12	23.19	264	6313	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	968	0.30	ng	0.00
5) Phenol-d6	6.68	99	1156	0.30	ng	0.00
8) Nitrobenzene-d5	8.64	82	1032	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2369	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	276	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	3613	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6418	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	4783	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.51	266	4	0.147	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.00	149	704	0.079	ng	# 98

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

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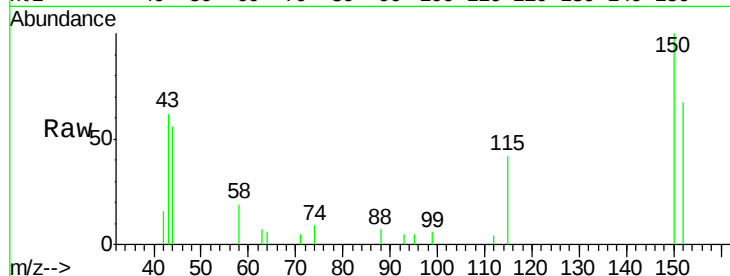


#1

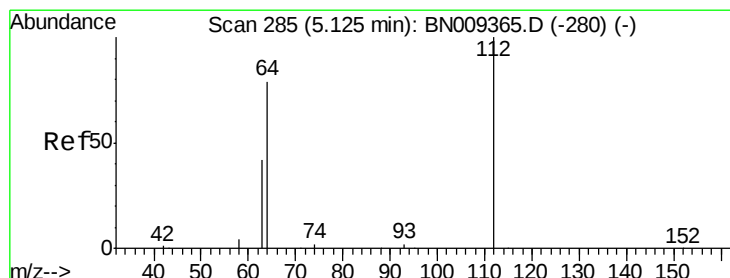
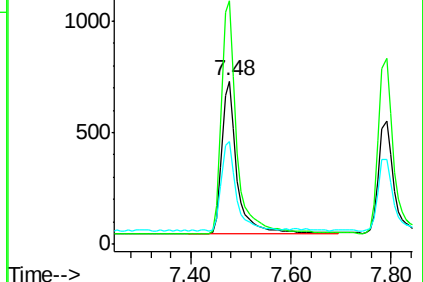
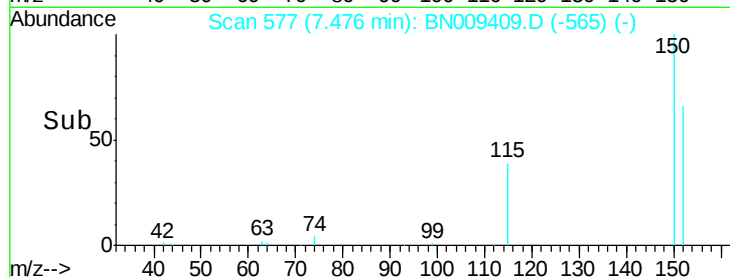
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009409.D
Acq: 21 Jan 2020 11:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1425
Ion Ratio Lower Upper
152 100
150 148.9 125.7 188.5
115 63.1 53.3 79.9



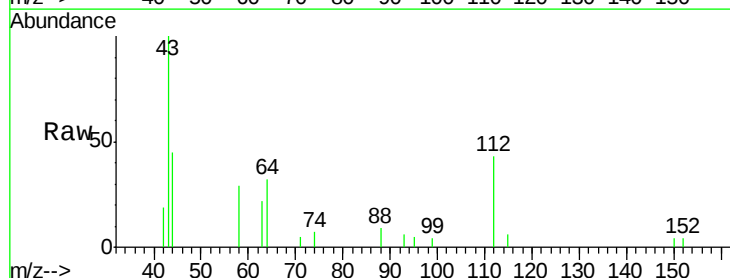
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



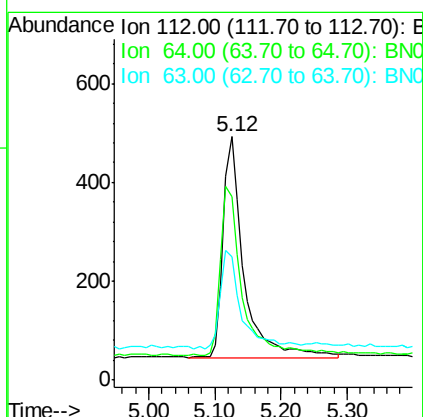
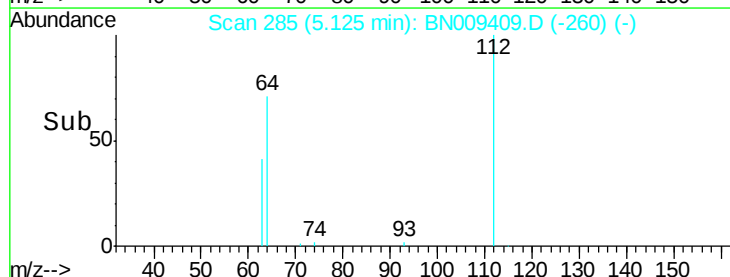
#4

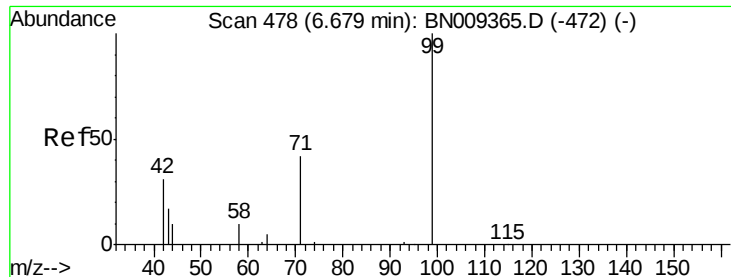
2-Fluorophenol
Concen: 0.295 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009409.D
Acq: 21 Jan 2020 11:41

Tgt Ion:112 Resp: 968
Ion Ratio Lower Upper
112 100
64 78.1 61.5 92.3
63 43.5 35.0 52.4



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





#5

Phenol-d6

Concen: 0.305 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Instrument :

BNA_N

ClientSampled :

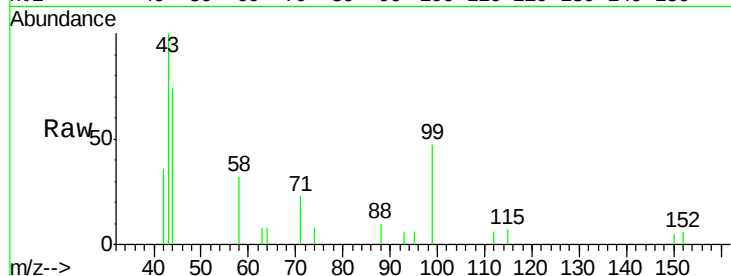
Tot Ion: 99 Resp: 1156

Ion Ratio Lower Upper

99 100

42 31.8 27.6 41.4

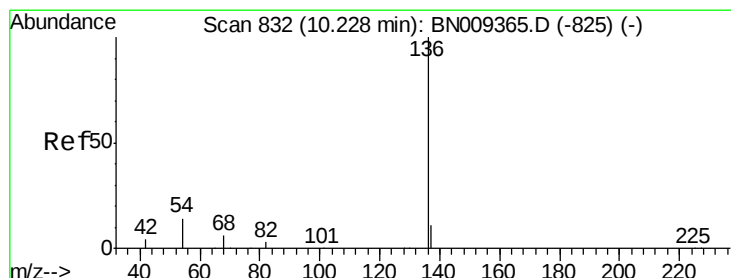
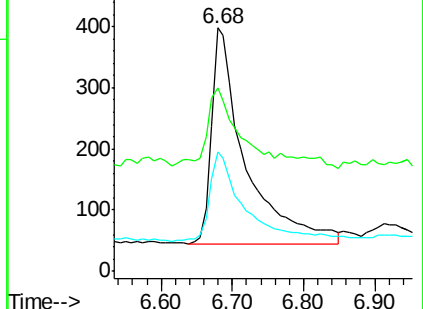
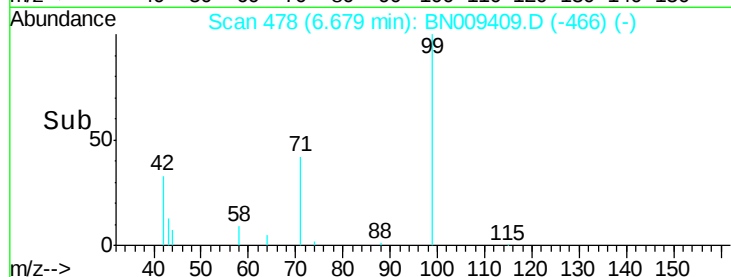
71 42.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009409.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN009409.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009409.D (-466) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Tgt Ion: 136 Resp: 4606

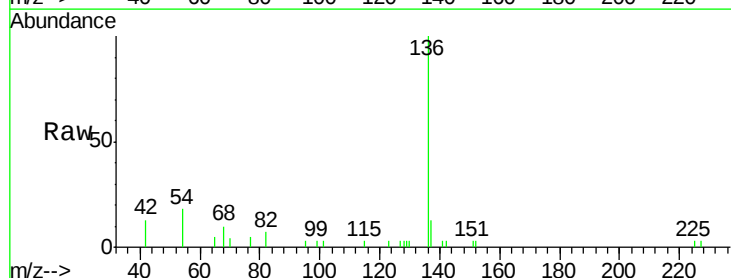
Ion Ratio Lower Upper

136 100

137 13.2 10.3 15.5

54 18.4 12.6 19.0

68 9.7 6.5 9.7

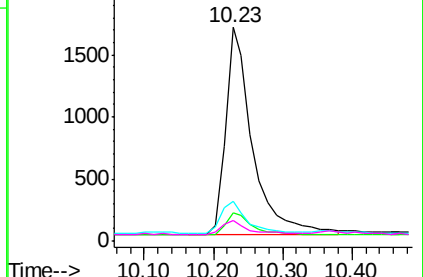
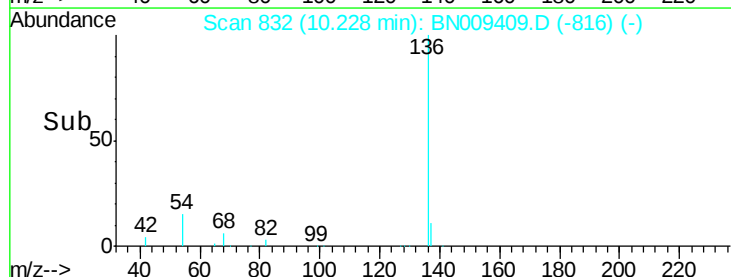


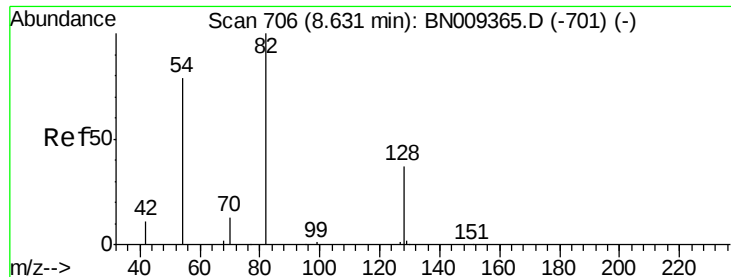
Abundance Ion 136.00 (135.70 to 136.70): BN009409.D (-816) (-)

Ion 137.00 (136.70 to 137.70): BN009409.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BN009409.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009409.D (-816) (-)





#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Instrument :

BNA_N

ClientSampleId :

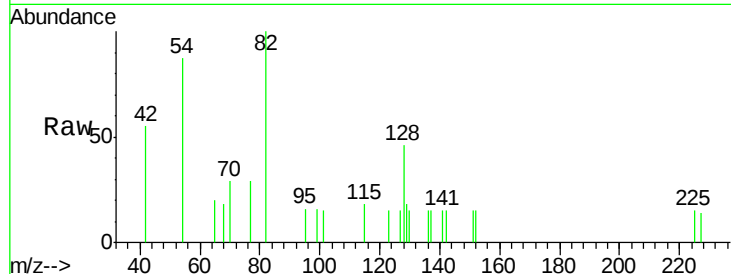
Tot Ion: 82 Resp: 1032

Ion Ratio Lower Upper

82 100

128 46.1 34.8 52.2

54 86.7 65.8 98.6

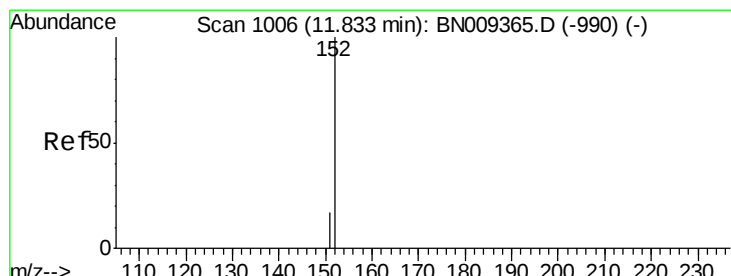
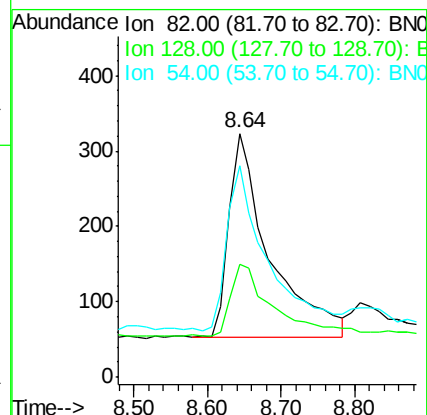
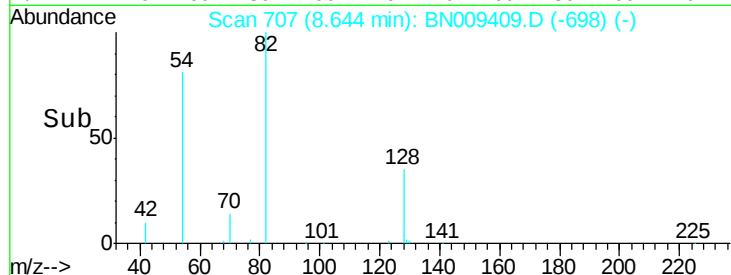


Abundance Ion 82.00 (81.70 to 82.70): BN009409.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009409.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009409.D (-698) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.266 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN009409.D

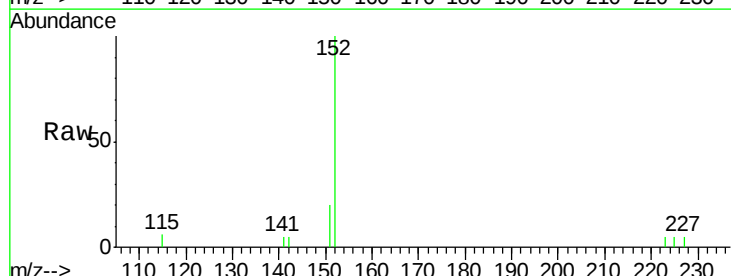
Acq: 21 Jan 2020 11:41

Tgt Ion: 152 Resp: 2369

Ion Ratio Lower Upper

152 100

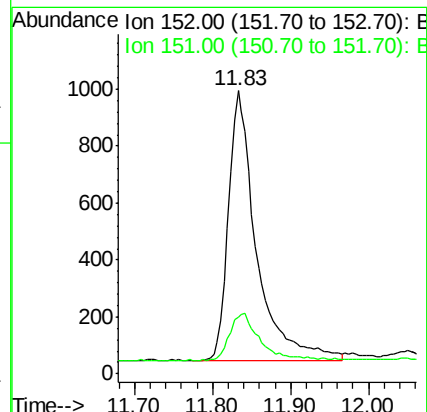
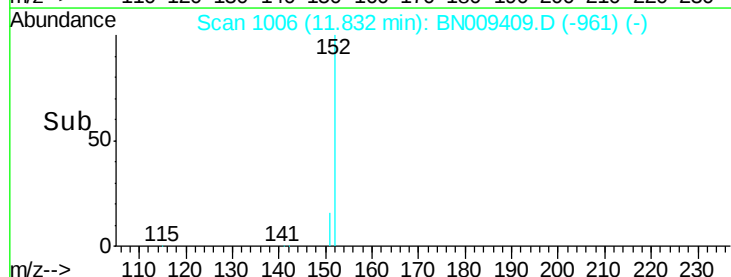
151 19.1 14.8 22.2

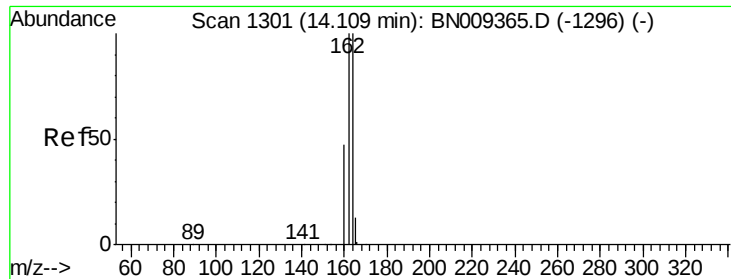


Abundance Ion 152.00 (151.70 to 152.70): BN009409.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009409.D (-961) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Instrument :

BNA_N

ClientSampleId :

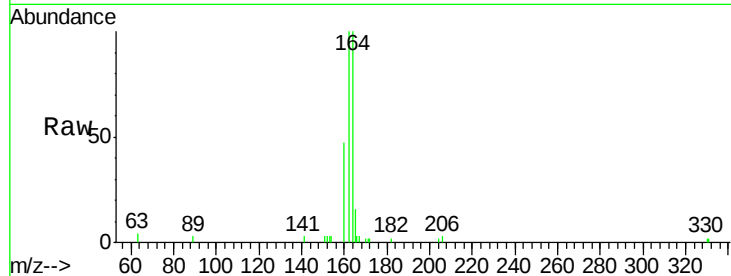
Tot Ion:164 Resp: 3042

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.6

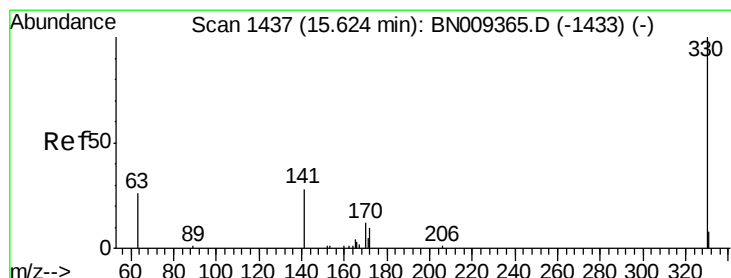
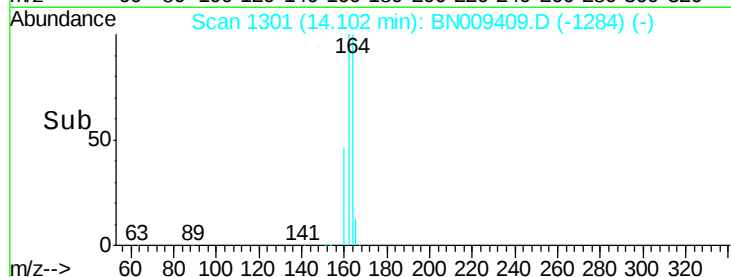
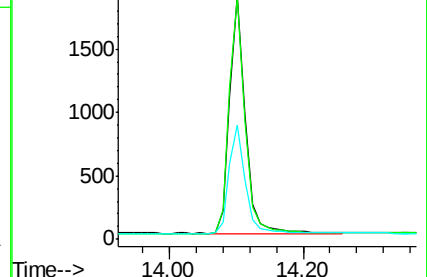
160 47.0 38.4 57.6



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: 0.240 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

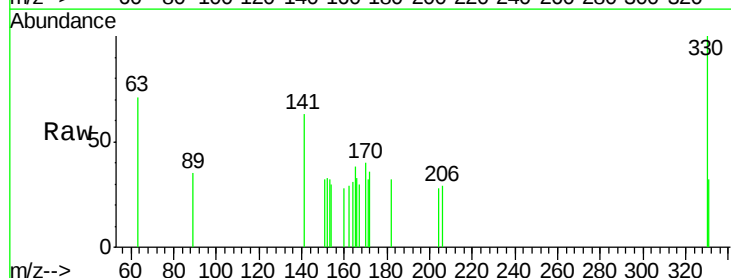
Tgt Ion:330 Resp: 276

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

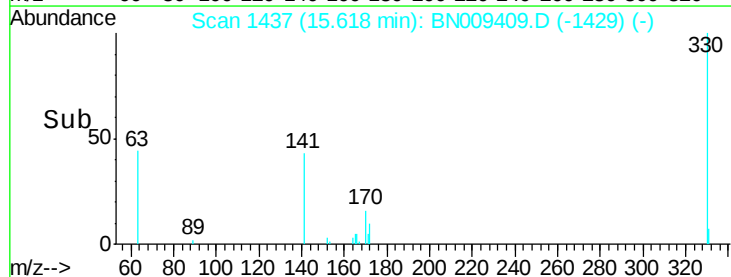
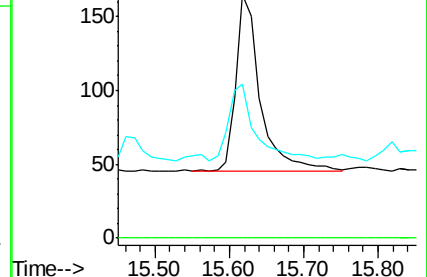
141 48.6 33.1 49.7

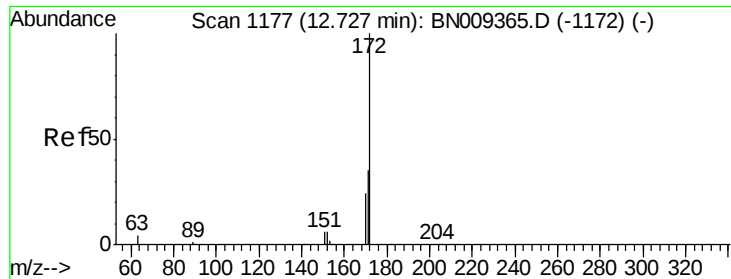


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

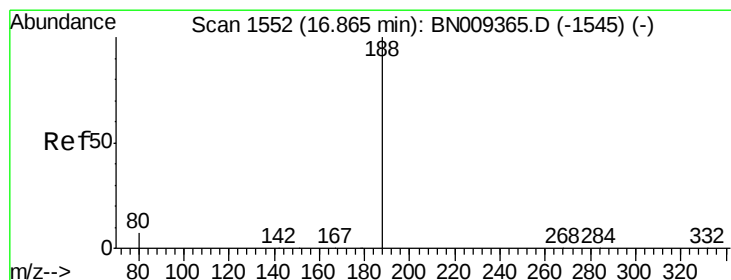
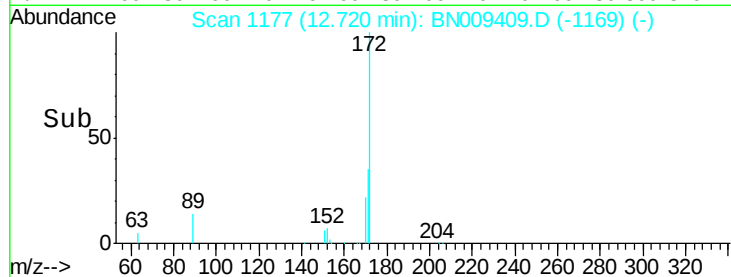
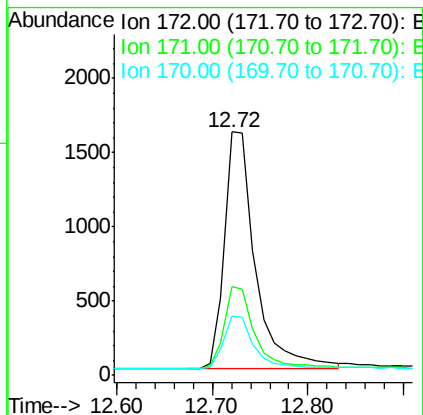
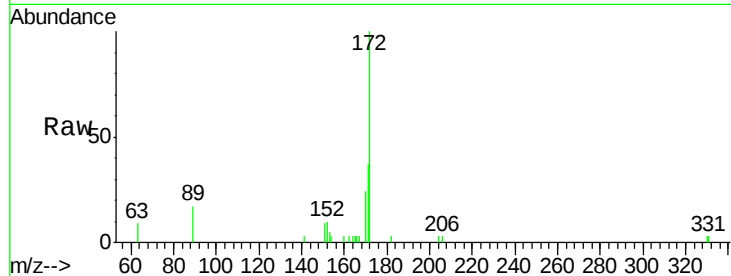




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009409.D
Acq: 21 Jan 2020 11:41

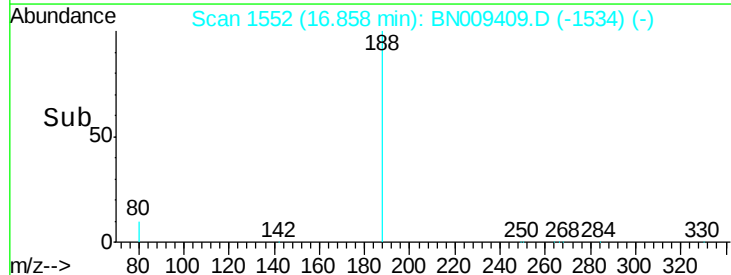
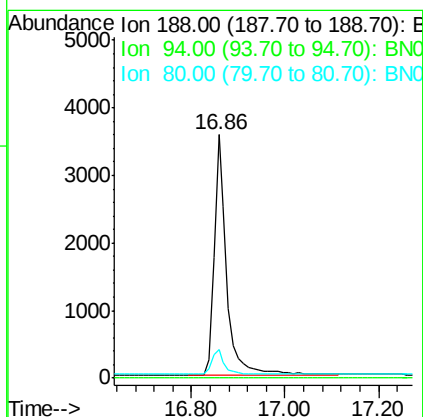
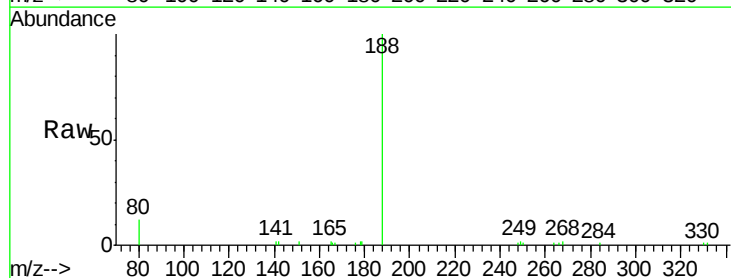
Instrument :
BNA_N
ClientSampleId :

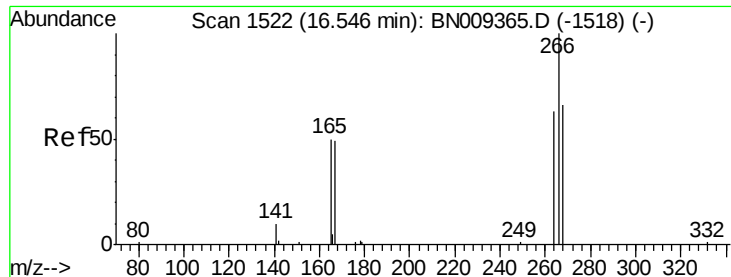
Tot Ion:172 Resp: 3613
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 24.5 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009409.D
Acq: 21 Jan 2020 11:41

Tgt Ion:188 Resp: 6769
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 6.6 10.0#

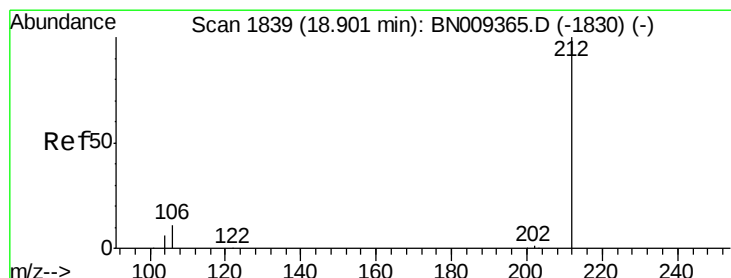
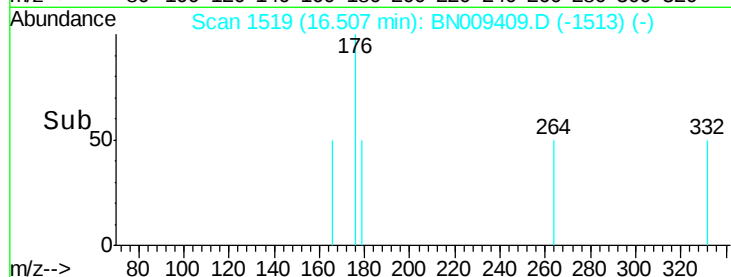
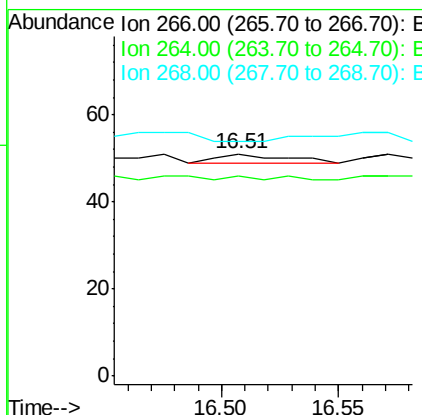
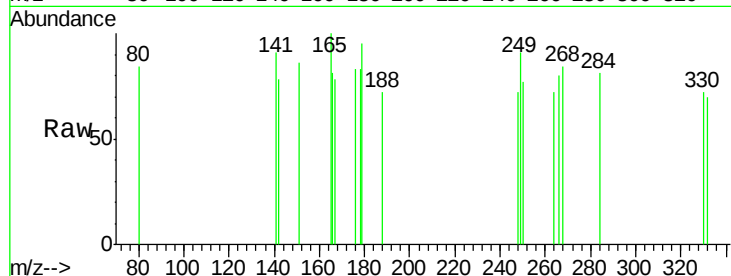




#22
 Pentachlorophenol
 Concen: 0.147 ng
 RT: 16.51 min Scan# 1519
 Delta R.T. -0.04 min
 Lab File: BN009409.D
 Acq: 21 Jan 2020 11:41

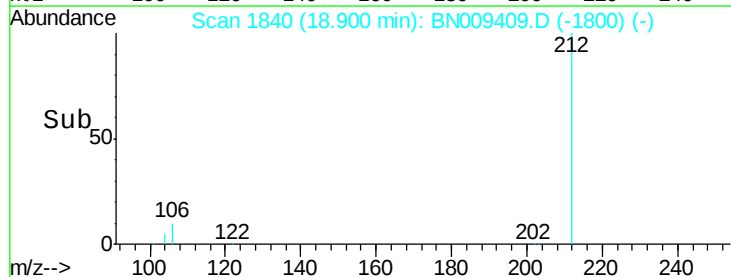
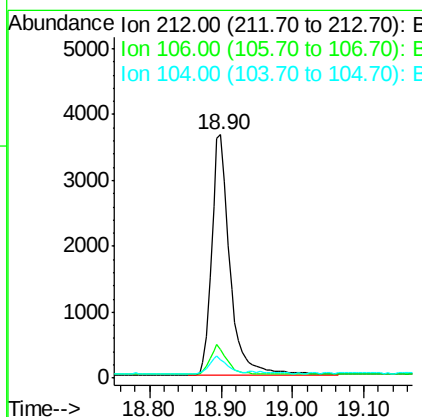
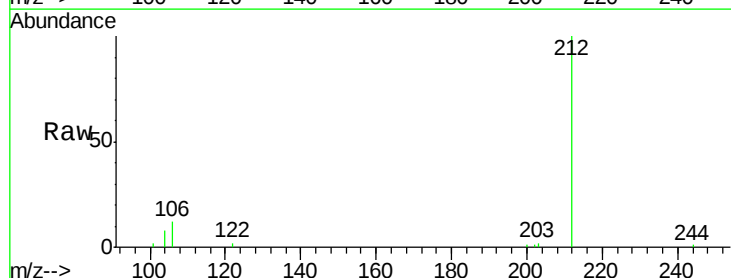
Instrument :
 BNA_N
 ClientSampleId :

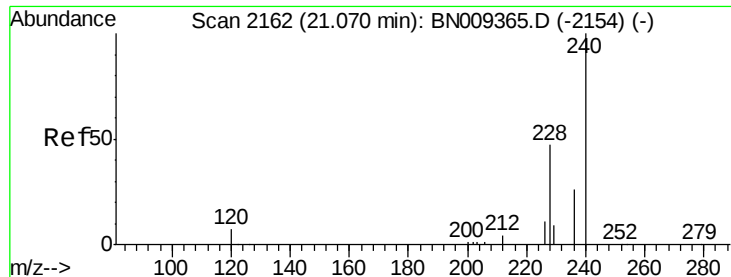
Tot Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 90.2 57.8 86.6#
 268 105.9 63.8 95.6#



#25
 Fluoranthene-d10
 Concen: 0.277 ng
 RT: 18.90 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BN009409.D
 Acq: 21 Jan 2020 11:41

Tgt Ion:212 Resp: 6418
 Ion Ratio Lower Upper
 212 100
 106 11.5 9.2 13.8
 104 6.6 5.4 8.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Instrument :

BNA_N

ClientSampleId :

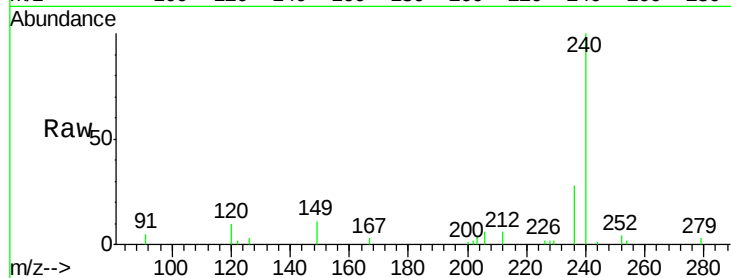
Tot Ion:240 Resp: 6121

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

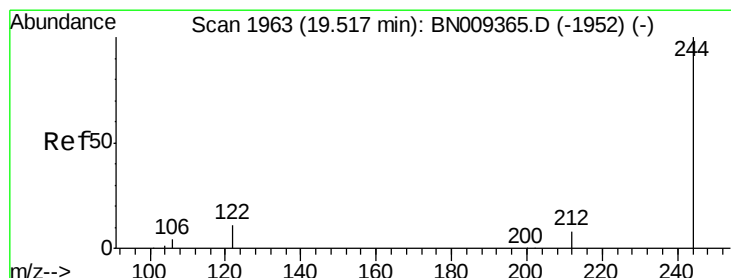
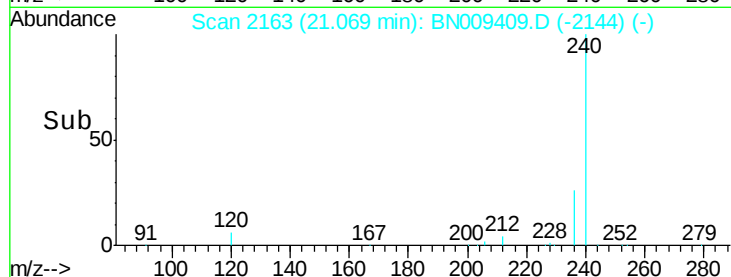
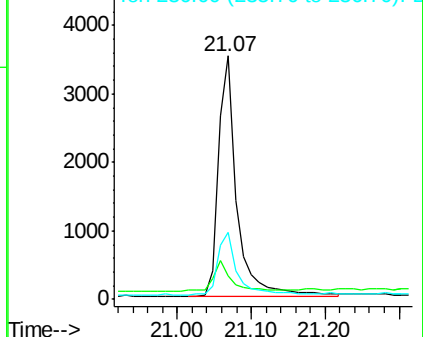
236 27.7 22.2 33.4



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: 0.330 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

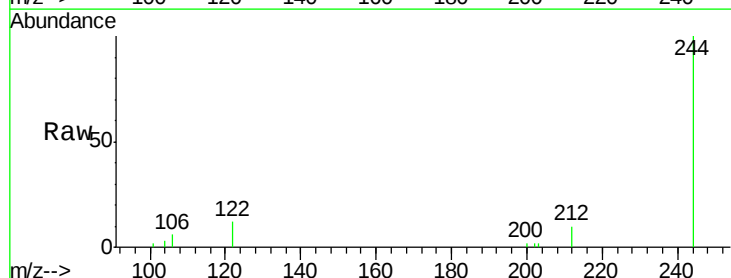
Tgt Ion:244 Resp: 4783

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

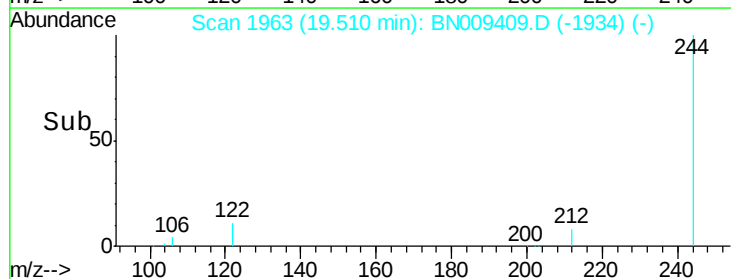
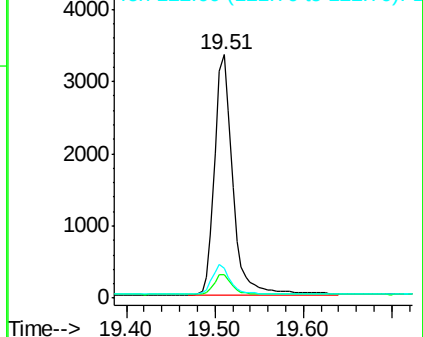
122 12.5 9.8 14.6

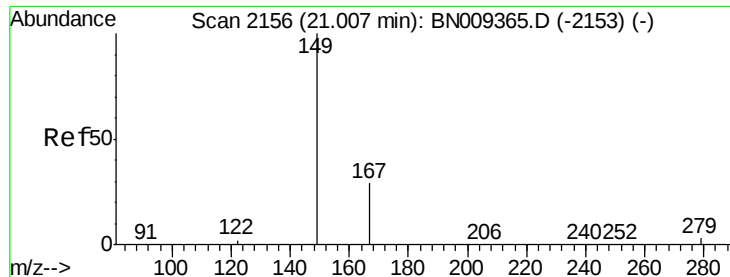


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

Instrument :

BNA_N

ClientSampleId :

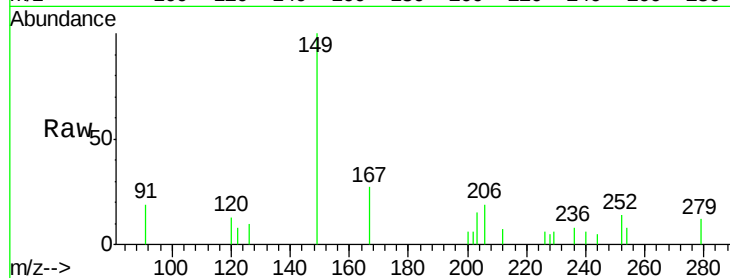
Tot Ion:149 Resp: 704

Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

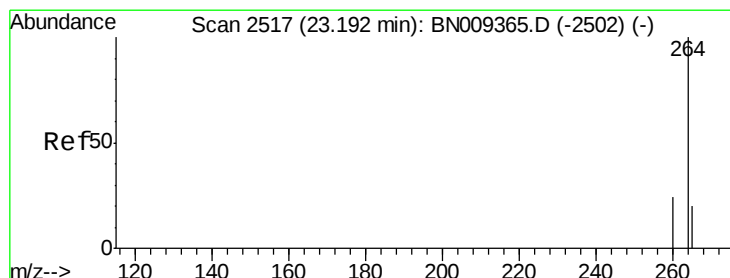
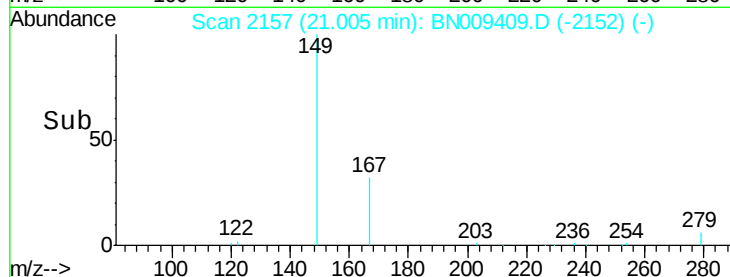
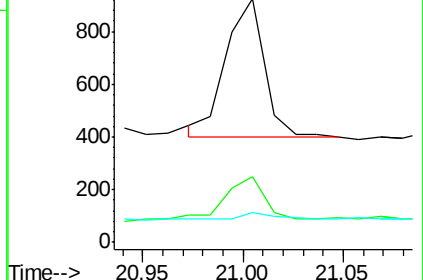
279 5.1 3.4 5.0#



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: 23.19 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BN009409.D

Acq: 21 Jan 2020 11:41

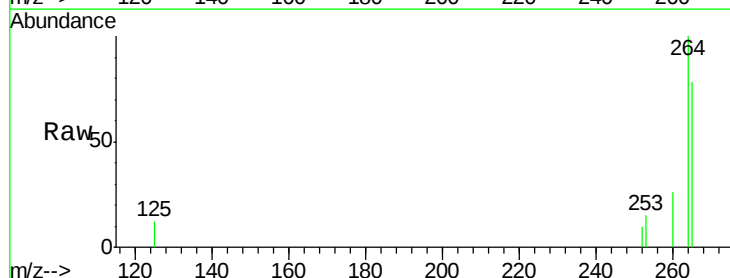
Tgt Ion:264 Resp: 6313

Ion Ratio Lower Upper

264 100

260 25.7 20.1 30.1

265 77.8 68.2 102.4



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

