

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009400.D
 Acq On : 20 Jan 2020 13:13
 Operator : JU
 Sample : PB125981BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:51:08 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

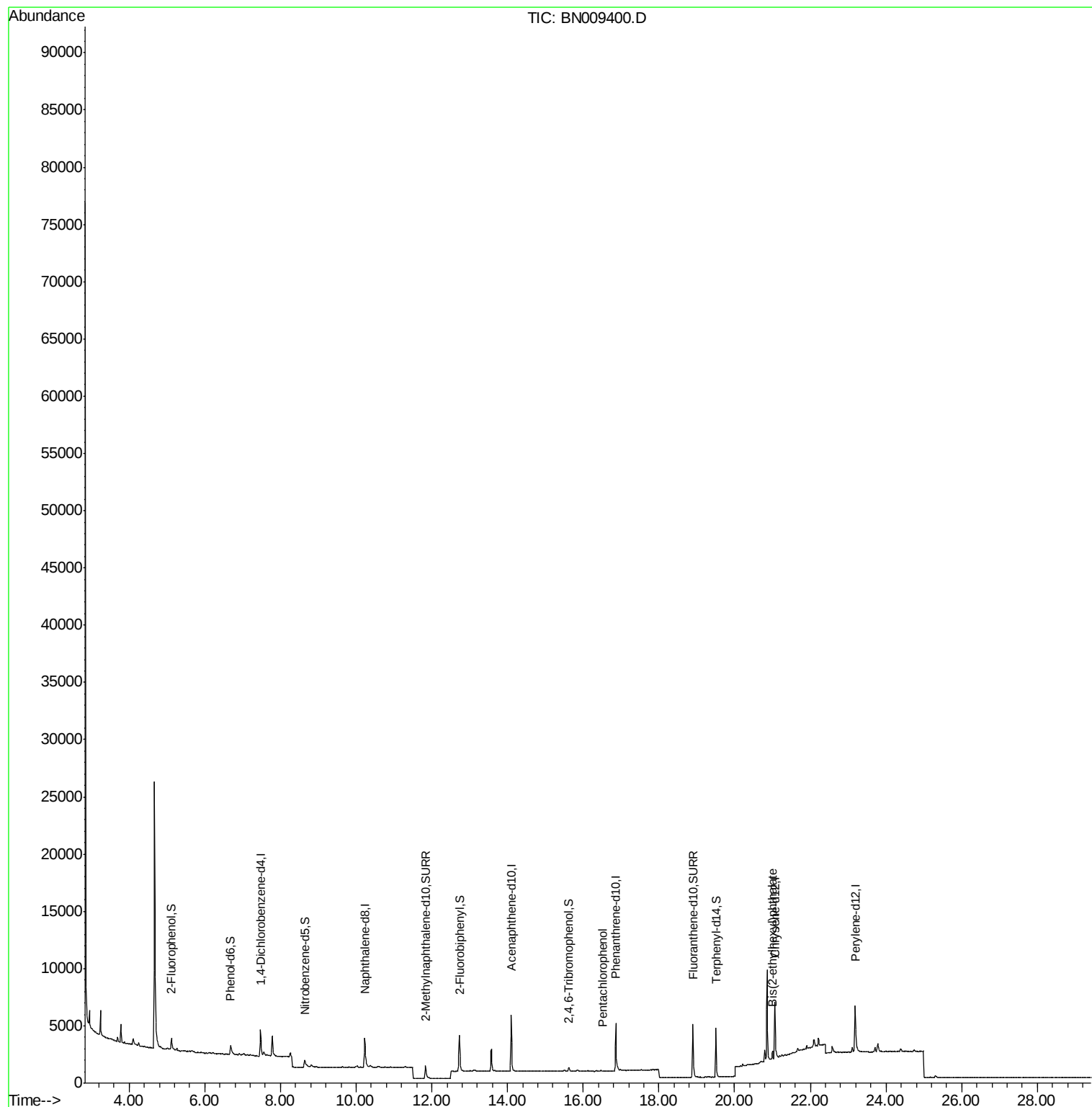
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1439	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4725	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3088	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7057	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6479	0.40	ng	0.00
34) Perylene-d12	23.19	264	6722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	999	0.30	ng	0.00
5) Phenol-d6	6.68	99	1188	0.31	ng	0.00
8) Nitrobenzene-d5	8.64	82	1041	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2425	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	278	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	3688	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6817	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	5047	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.53	266	9	0.150	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.00	149	756	0.080	ng	# 98

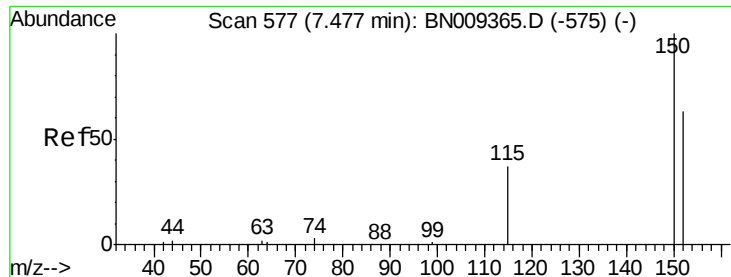
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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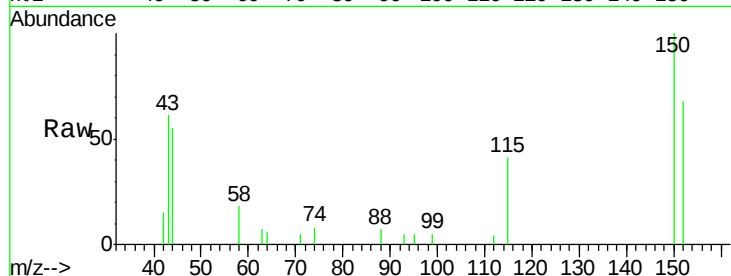


#1

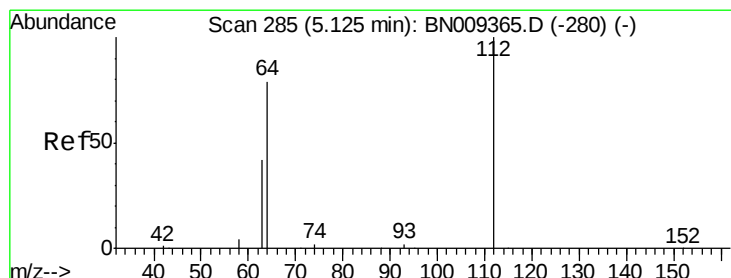
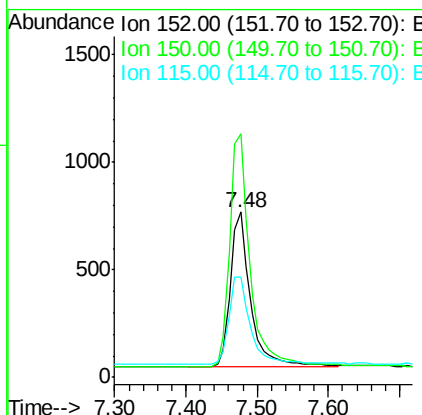
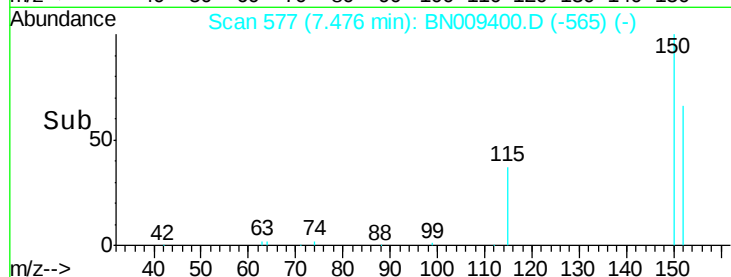
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1439
Ion Ratio Lower Upper
152 100
150 147.3 125.7 188.5
115 60.6 53.3 79.9



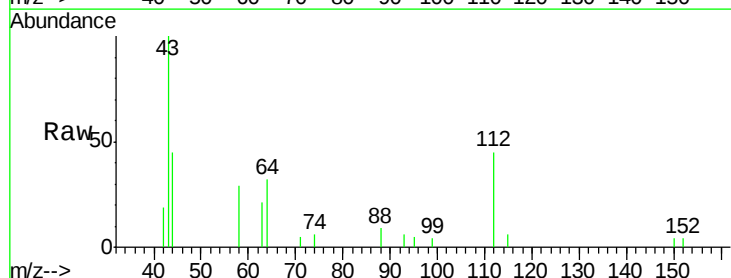
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



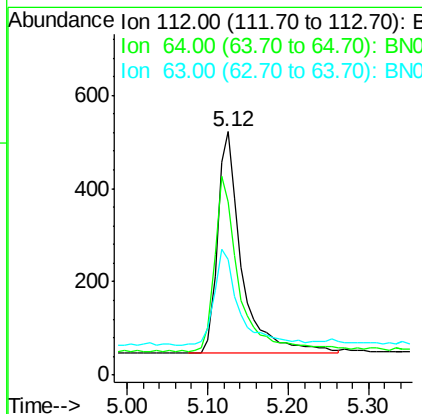
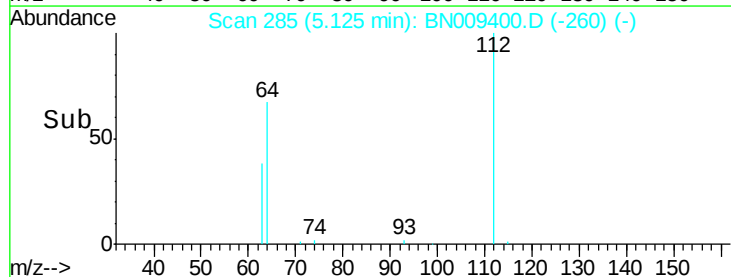
#4

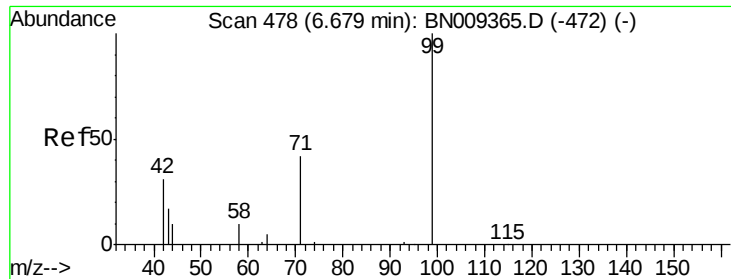
2-Fluorophenol
Concen: 0.302 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Tgt Ion:112 Resp: 999
Ion Ratio Lower Upper
112 100
64 80.0 61.5 92.3
63 44.0 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: 0.310 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampled :

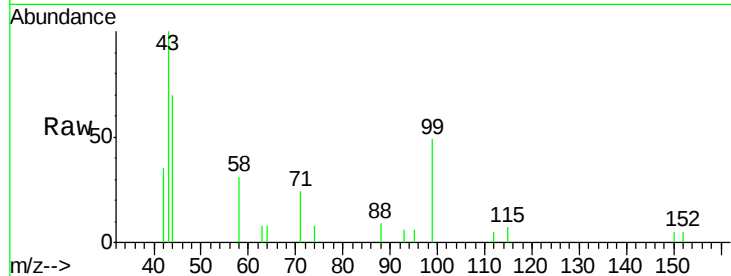
Tot Ion: 99 Resp: 1188

Ion Ratio Lower Upper

99 100

42 34.3 27.6 41.4

71 41.2 33.0 49.6



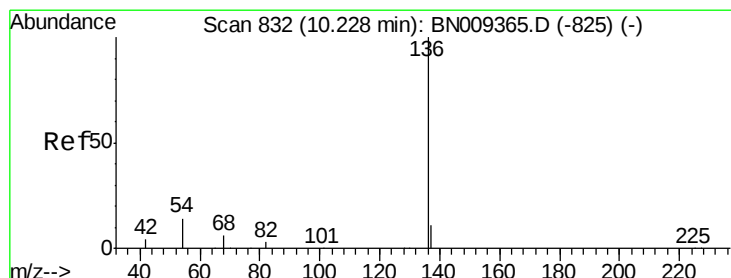
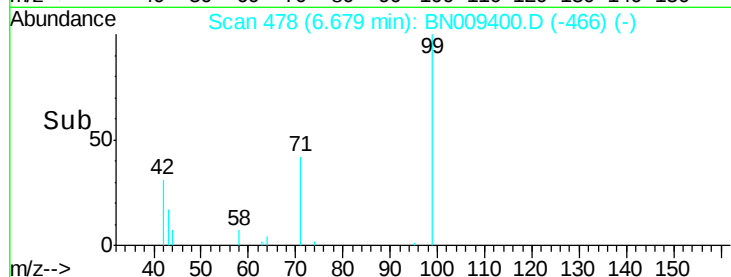
Abundance Ion 99.00 (98.70 to 99.70): BN009400.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009400.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009400.D (-472) (-)

6.68

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Tgt Ion: 136 Resp: 4725

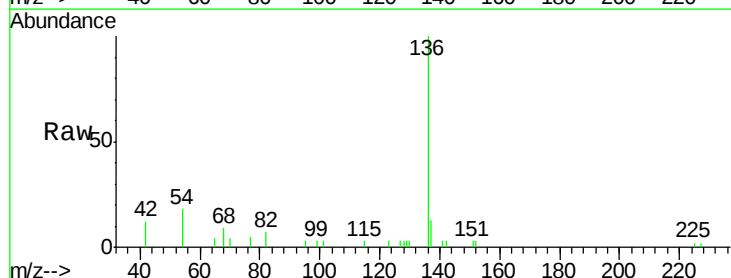
Ion Ratio Lower Upper

136 100

137 13.4 10.3 15.5

54 18.1 12.6 19.0

68 9.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009400.D (-816) (-)

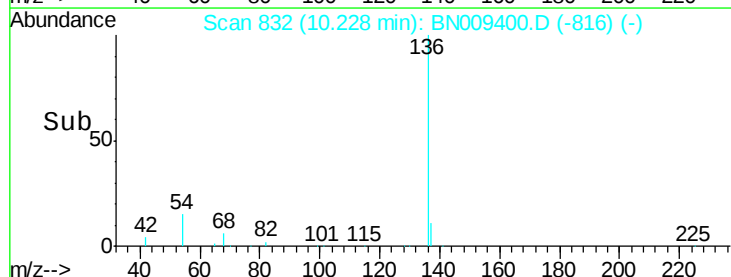
Ion 137.00 (136.70 to 137.70): BN009400.D (-816) (-)

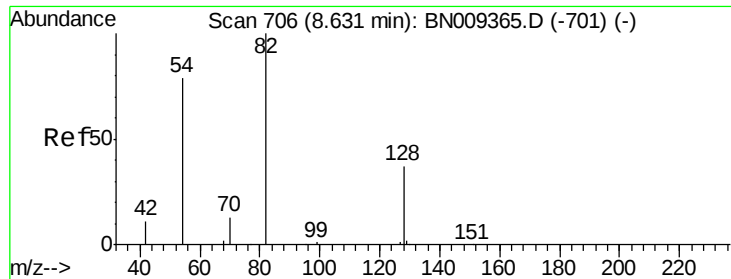
Ion 54.00 (53.70 to 54.70): BN009400.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009400.D (-816) (-)

10.23

Time-->

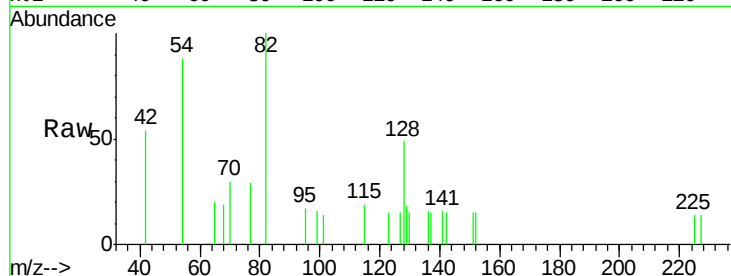




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Instrument :
BNA_N
ClientSampleId :

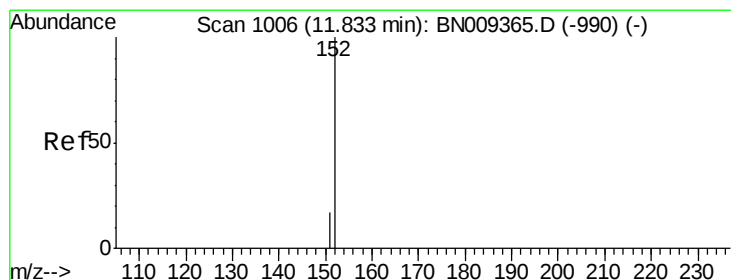
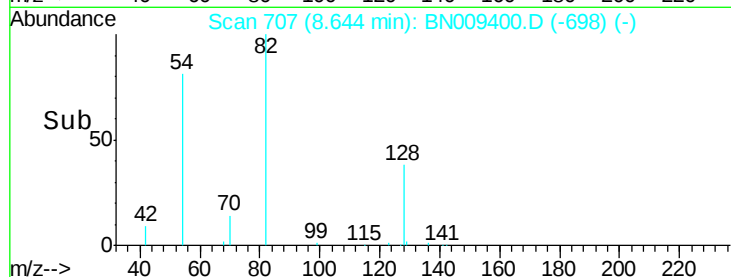
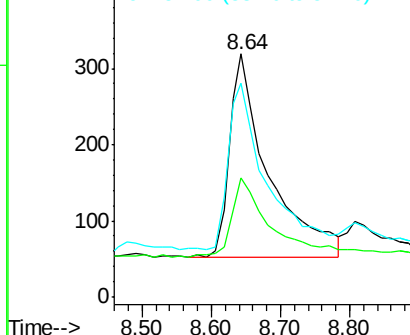
Tot Ion	82	Resp	1041
Ion Ratio	Lower	Upper	
82	100		
128	48.9	34.8	52.2
54	87.8	65.8	98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009400.D (-698) (-)

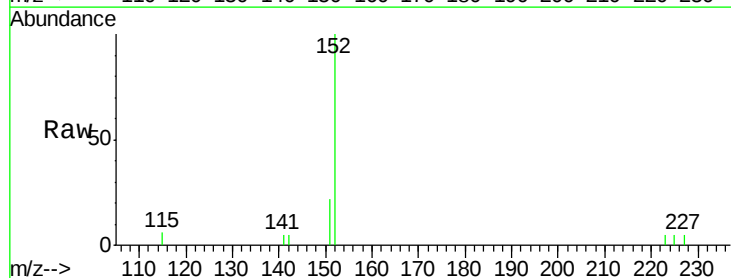
Ion 128.00 (127.70 to 128.70): BN009400.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009400.D (-698) (-)



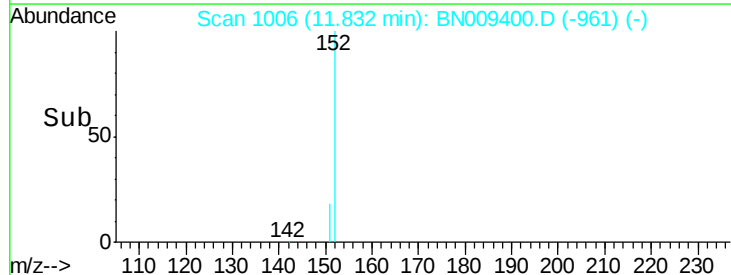
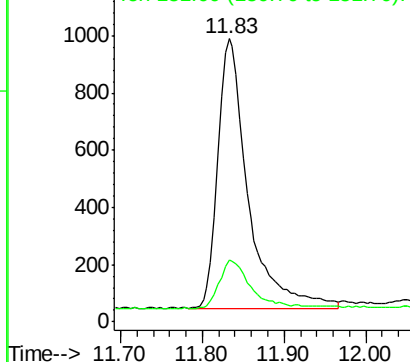
#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

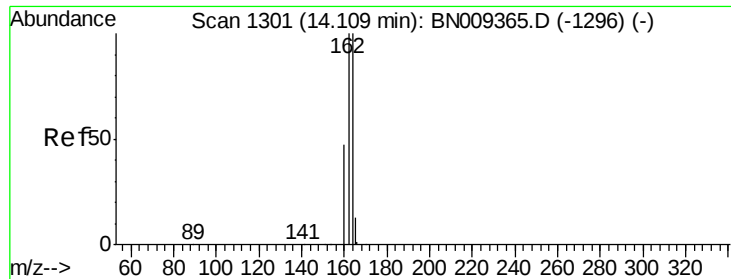
Tgt Ion	152	Resp	2425
Ion Ratio	Lower	Upper	
152	100		
151	18.3	14.8	22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009400.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009400.D (-961) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

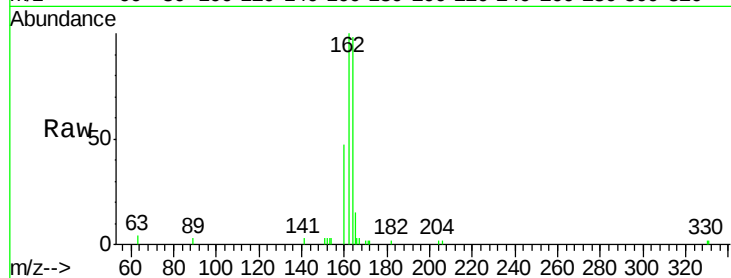
Tot Ion:164 Resp: 3088

Ion Ratio Lower Upper

164 100

162 102.0 79.8 119.6

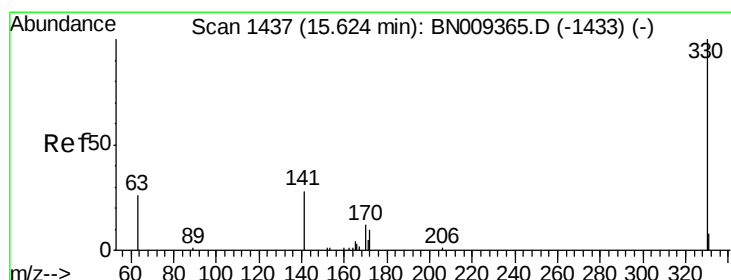
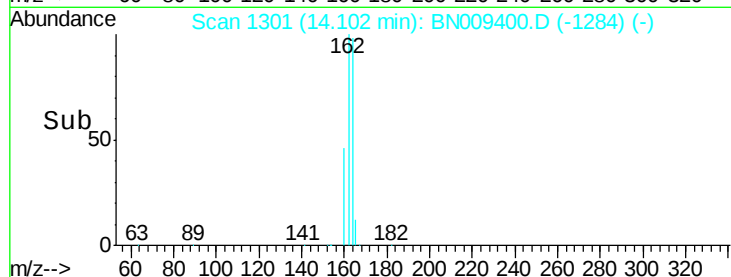
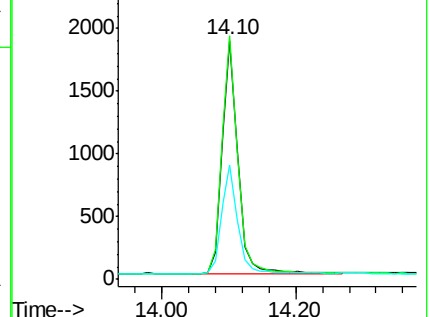
160 47.8 38.4 57.6



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: 0.238 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

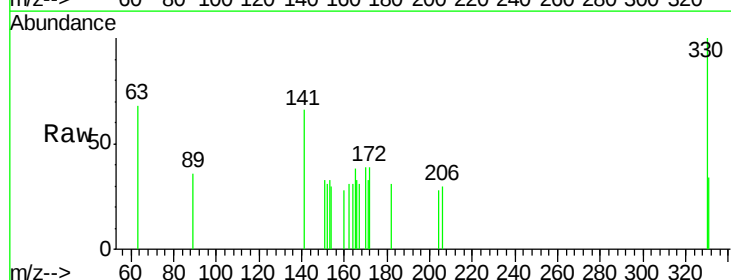
Tgt Ion:330 Resp: 278

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

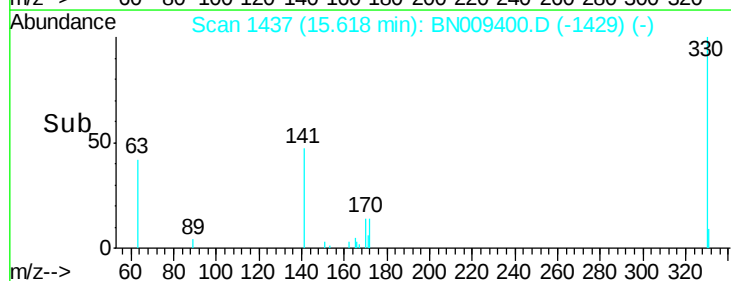
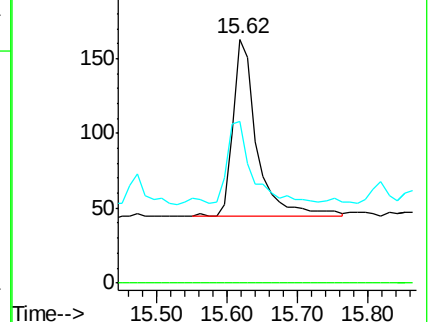
141 48.9 33.1 49.7

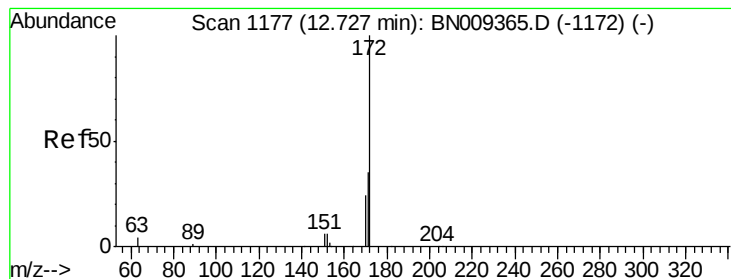


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.319 ng

RT: 12.73 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

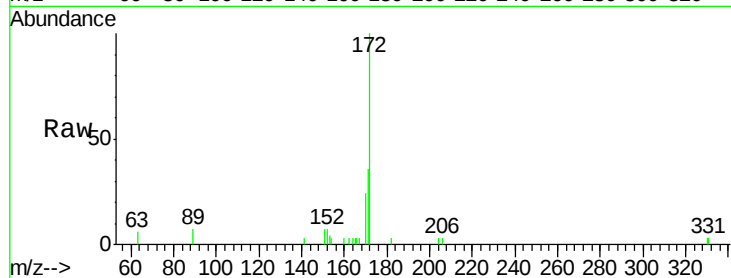
Tot Ion:172 Resp: 3688

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

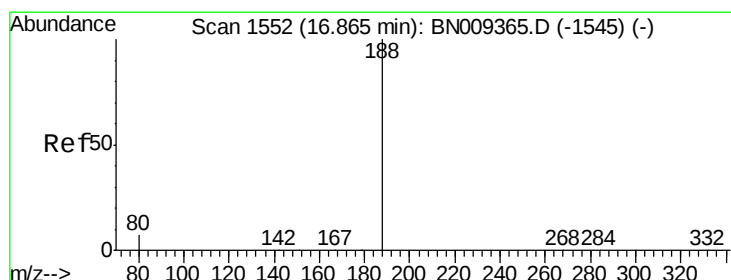
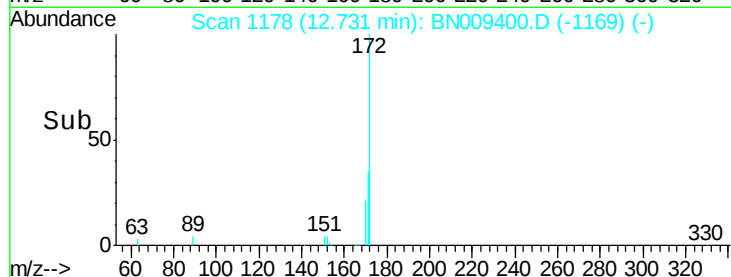
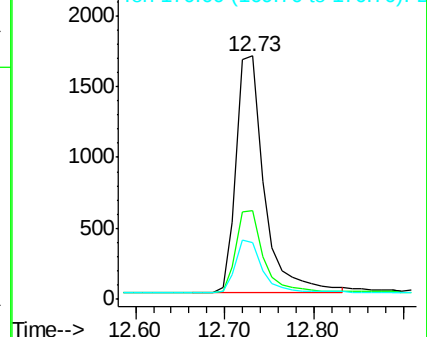
170 23.5 20.7 31.1



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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

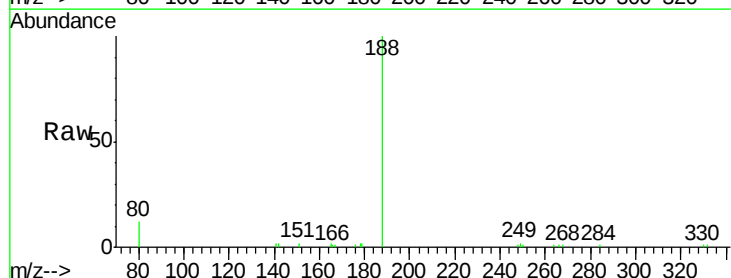
Tgt Ion:188 Resp: 7057

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

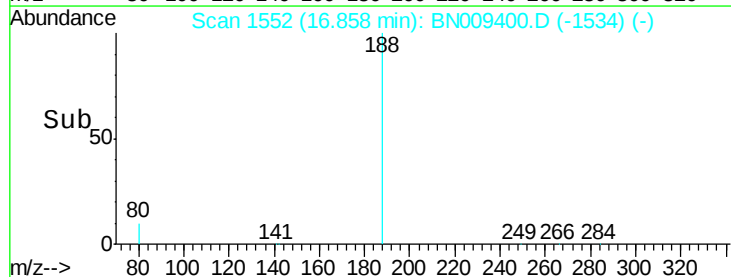
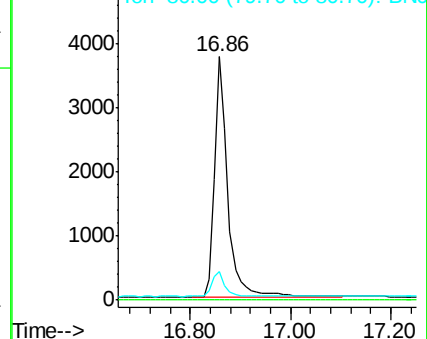
80 11.7 6.6 10.0#

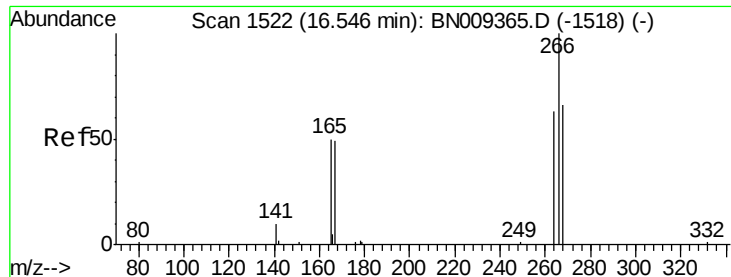


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 0.150 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

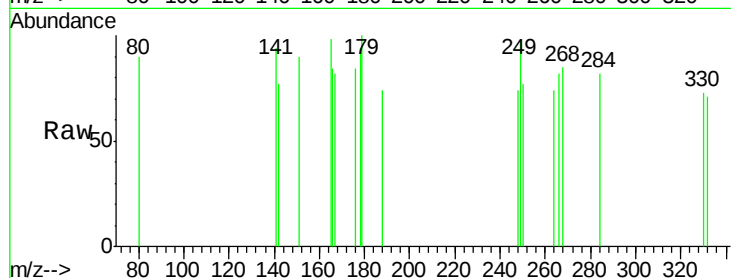
Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

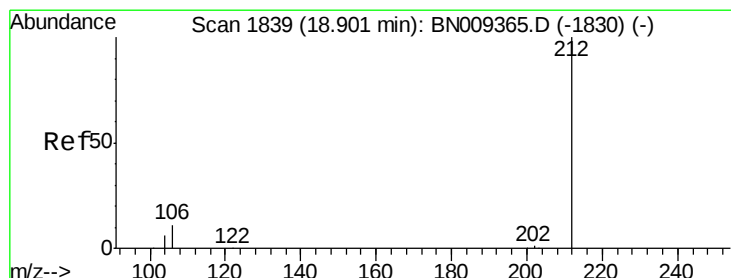
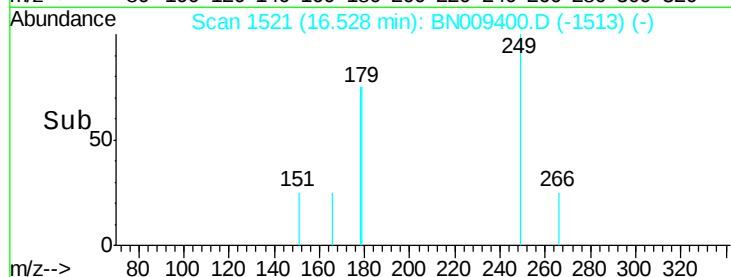
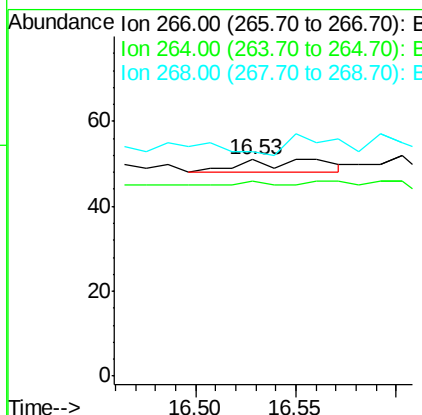
Instrument :

BNA_N

ClientSampleId :



Tot Ion:	266	Resp:	9
Ion	Ratio	Lower	Upper
266	100		
264	90.2	57.8	86.6#
268	103.9	63.8	95.6#



#25

Fluoranthene-d10

Concen: 0.282 ng

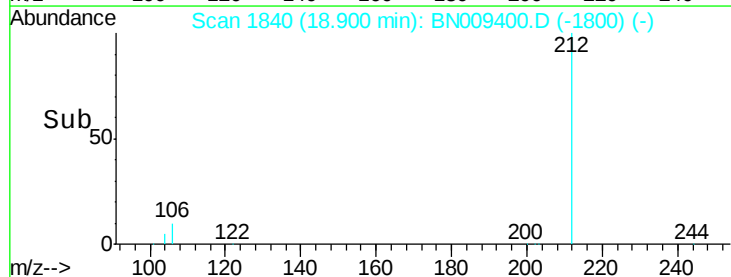
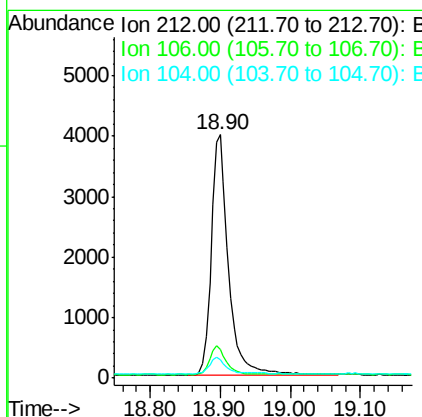
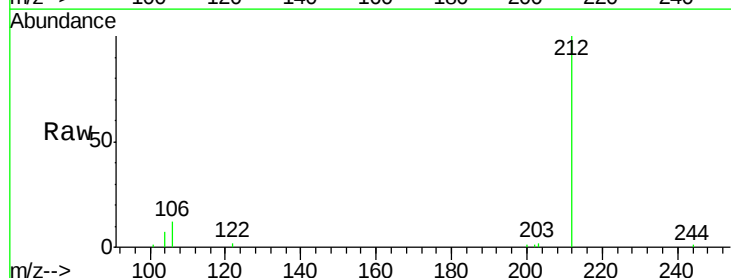
RT: 18.90 min Scan# 1840

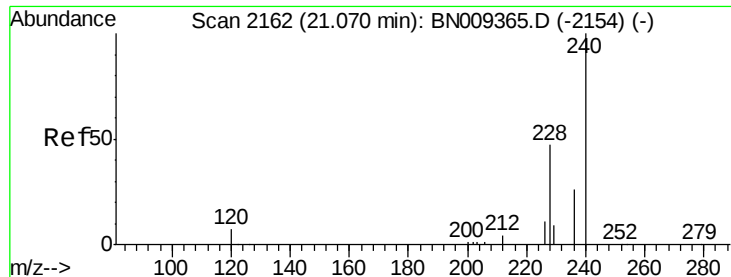
Delta R.T. -0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Tgt Ion:	212	Resp:	6817
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.2	13.8
104	6.7	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: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

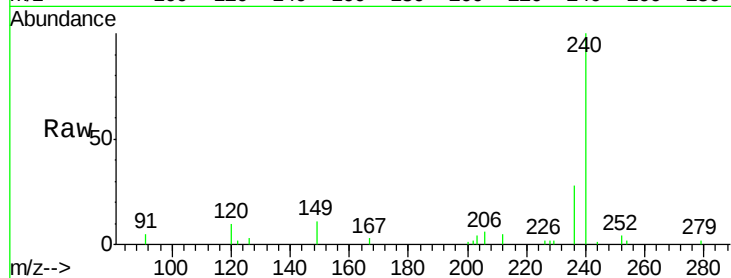
Tot Ion:240 Resp: 6479

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

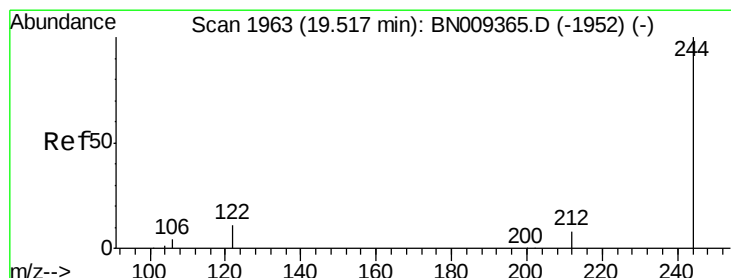
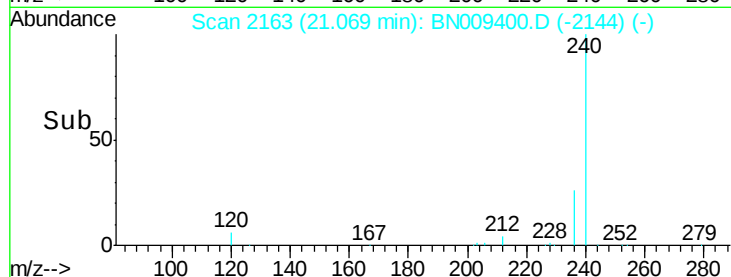
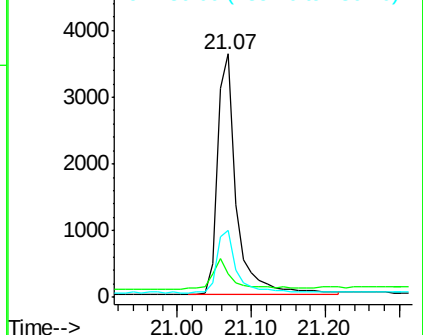
236 27.6 22.2 33.4



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: 0.329 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

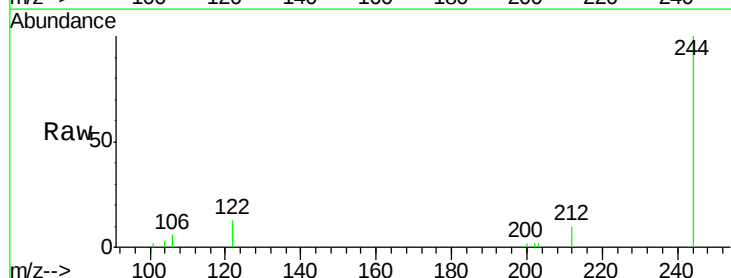
Tgt Ion:244 Resp: 5047

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

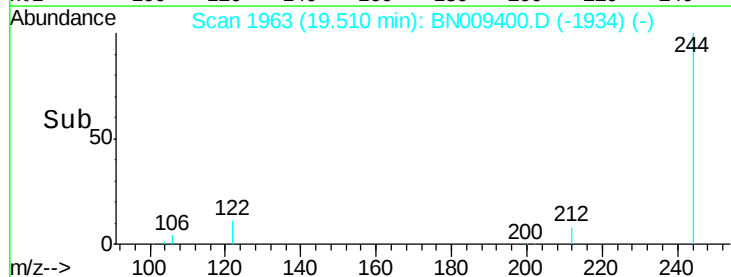
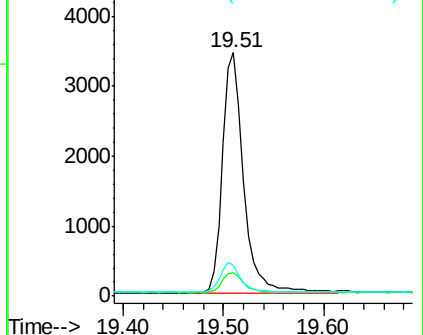
122 12.8 9.8 14.6

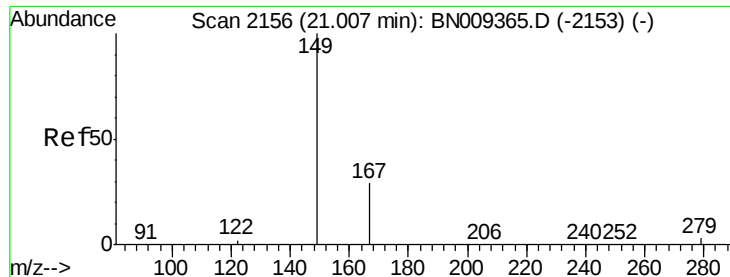


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

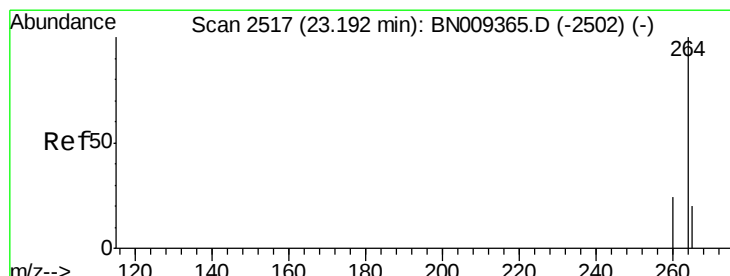
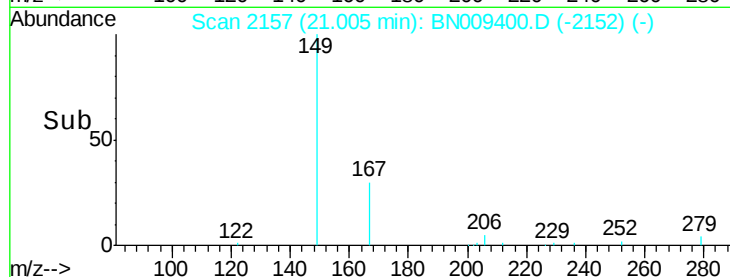
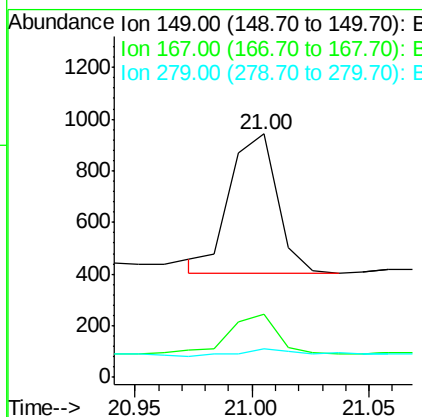
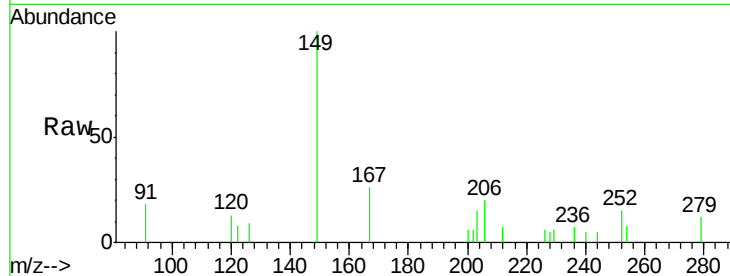




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN009400.D
 Acq: 20 Jan 2020 13:13

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 756
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.9 34.3
 279 7.3 3.4 5.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BN009400.D
 Acq: 20 Jan 2020 13:13

Tgt Ion:264 Resp: 6722
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 76.0 68.2 102.4

