

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009399.D
 Acq On : 20 Jan 2020 12:38
 Operator : JU
 Sample : PB125980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:51:02 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

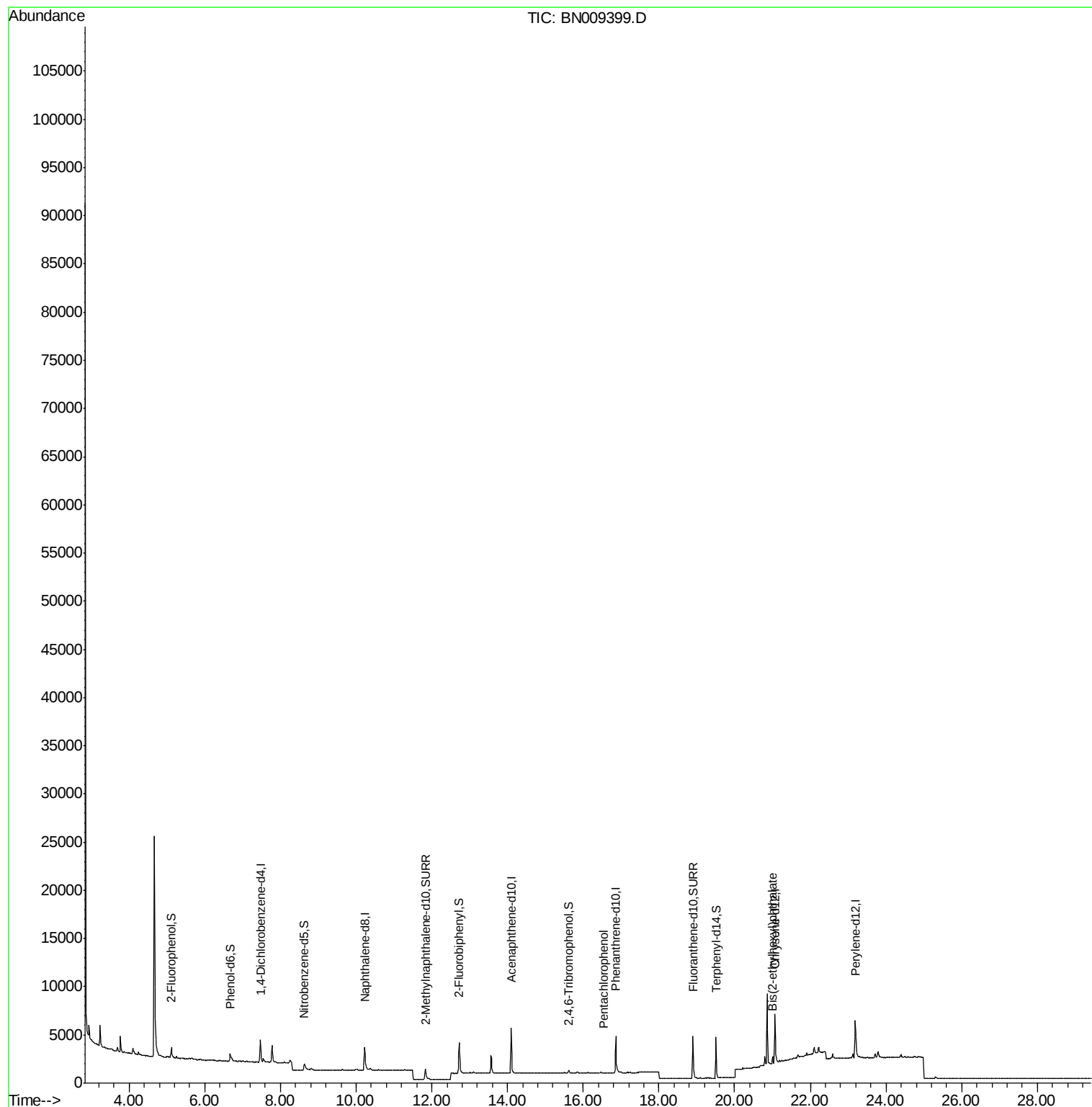
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1393	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4438	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	2952	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6540	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6008	0.40	ng	0.00
34) Perylene-d12	23.19	264	6327	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	983	0.31	ng	0.00
5) Phenol-d6	6.68	99	1121	0.30	ng	0.00
8) Nitrobenzene-d5	8.63	82	988	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	2371	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	253	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	3546	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6224	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	4672	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.55	266	5	0.148	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.00	149	706	0.081	ng	# 99

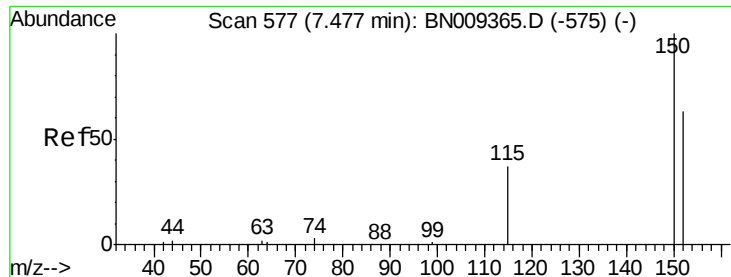
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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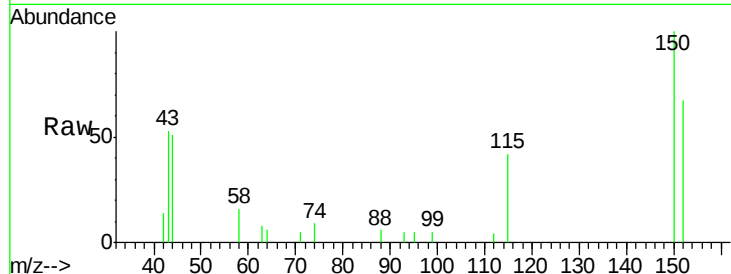




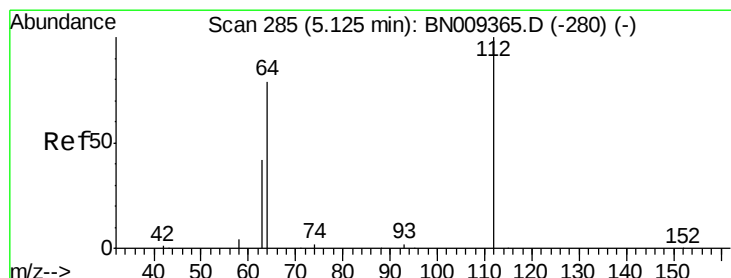
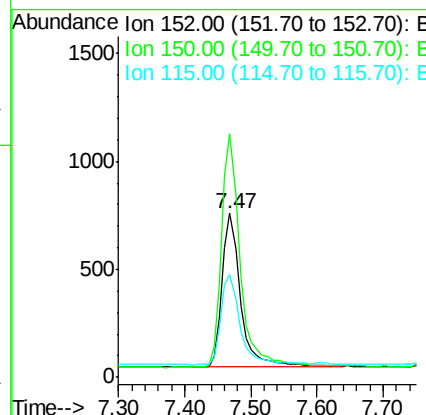
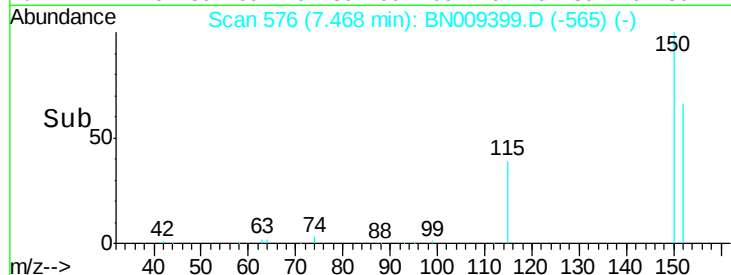
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:152 Resp: 1393
 Ion Ratio Lower Upper
 152 100
 150 148.4 125.7 188.5
 115 62.9 53.3 79.9

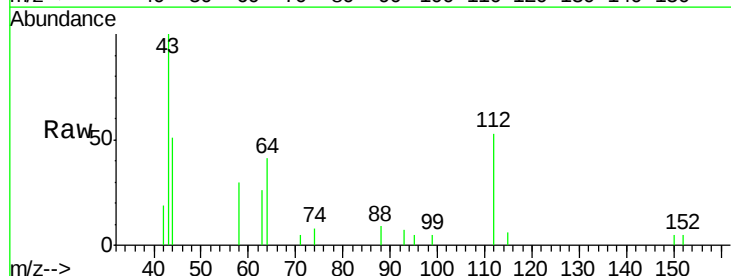


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

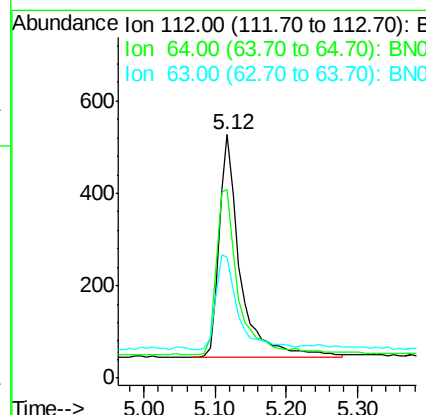
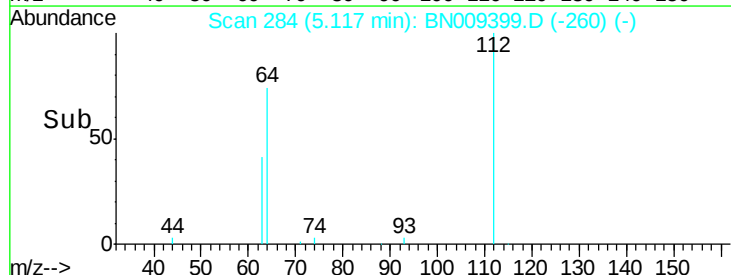


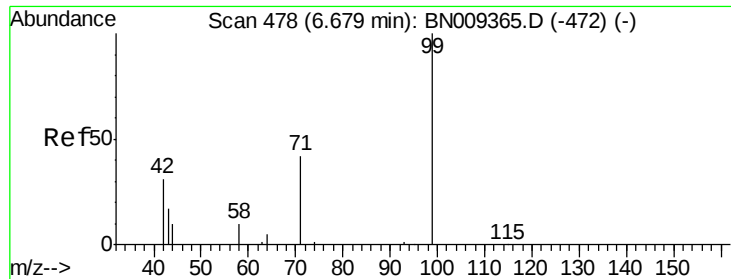
#4
 2-Fluorophenol
 Concen: 0.307 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

Tgt Ion:112 Resp: 983
 Ion Ratio Lower Upper
 112 100
 64 75.6 61.5 92.3
 63 44.9 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: 0.302 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

Instrument :

BNA_N

ClientSampleId :

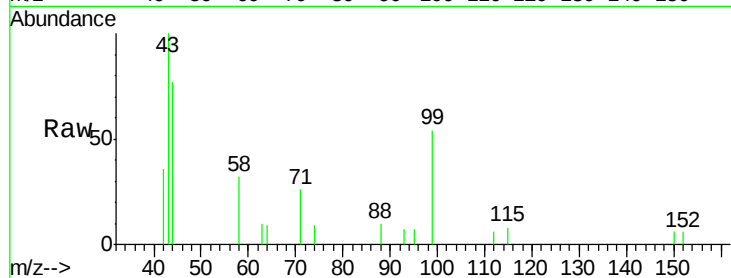
Tot Ion: 99 Resp: 1121

Ion Ratio Lower Upper

99 100

42 37.8 27.6 41.4

71 44.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)

6.68

400

300

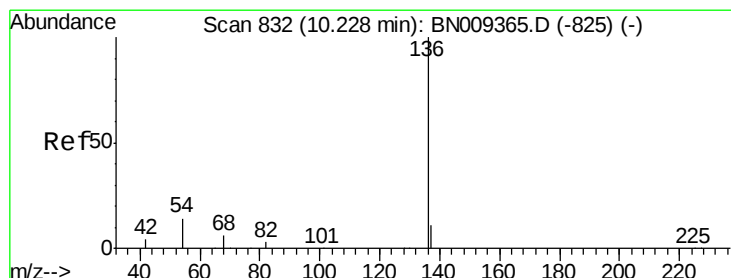
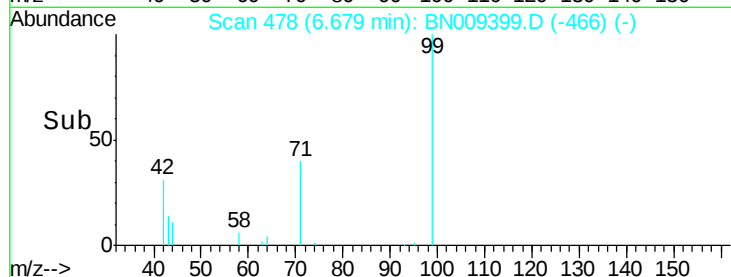
200

100

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

Tgt Ion: 136 Resp: 4438

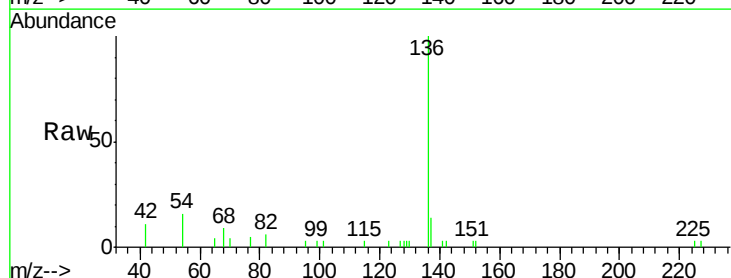
Ion Ratio Lower Upper

136 100

137 13.6 10.3 15.5

54 16.1 12.6 19.0

68 8.7 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009365.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN009365.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN009365.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN009365.D (-825) (-)

10.23

2500

2000

1500

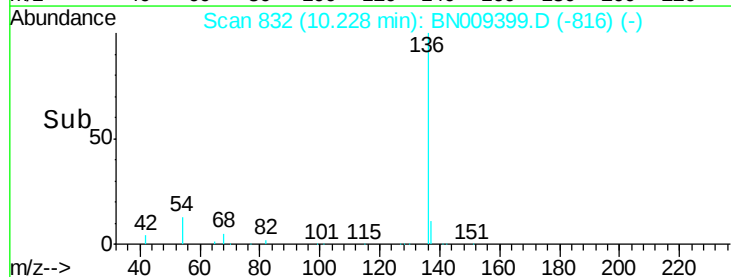
1000

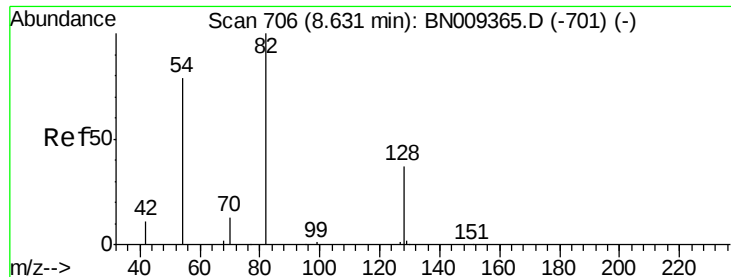
500

0

10.10 10.20 10.30 10.40

Time-->

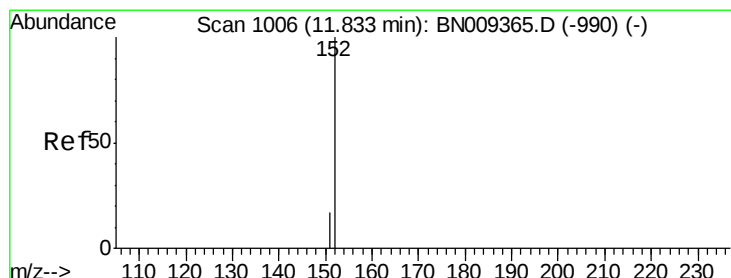
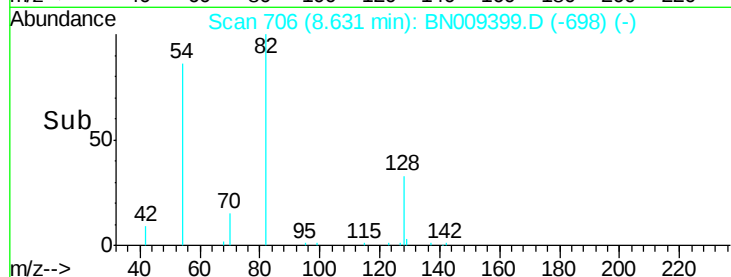
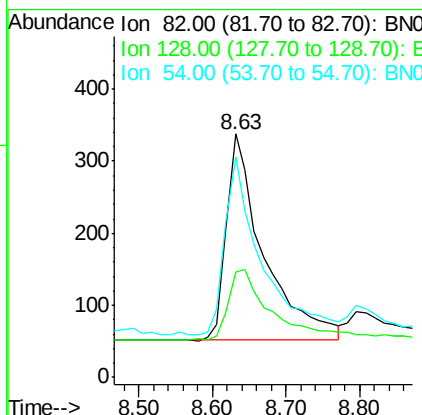
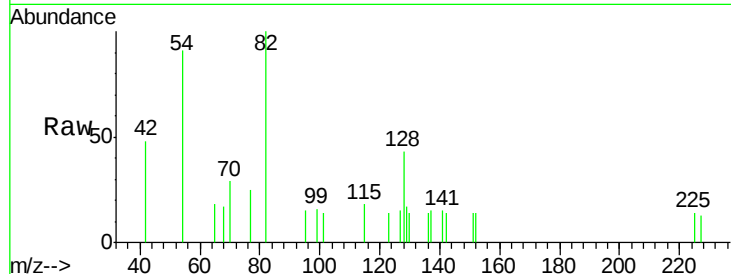




#8
 Nitrobenzene-d5
 Concen: 0.279 ng
 RT: 8.63 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

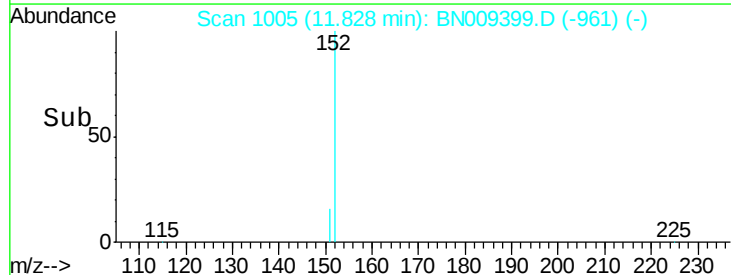
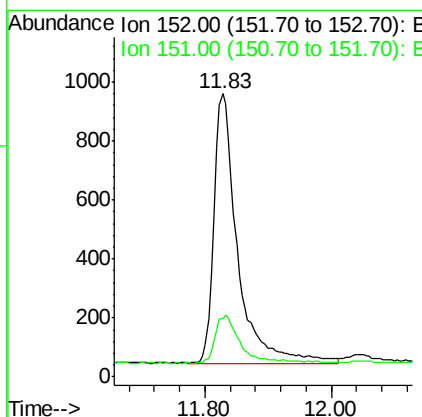
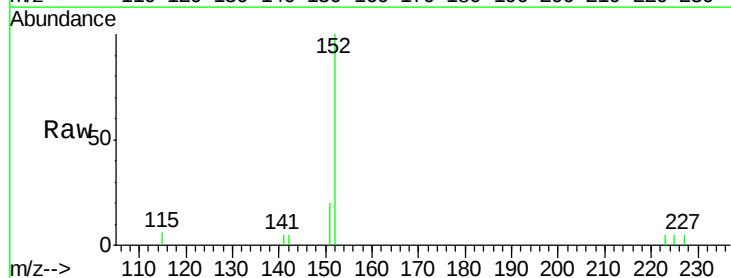
Instrument :
 BNA_N
 ClientSampleId :

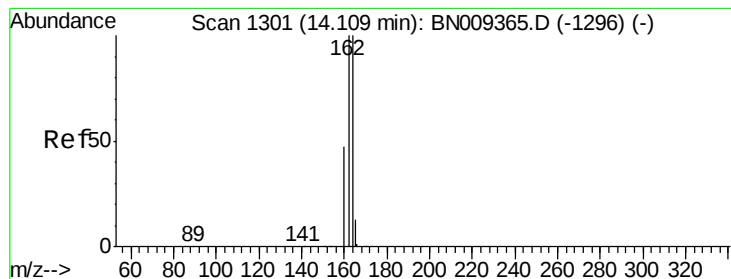
Tot Ion	82	Resp	988
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.8	52.2
54	90.8	65.8	98.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 11.83 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

Tgt Ion	152	Resp	2371
Ion Ratio	Lower	Upper	
152	100		
151	17.9	14.8	22.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

Instrument :

BNA_N

ClientSampleId :

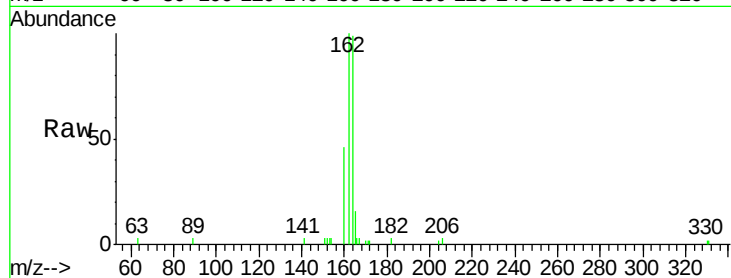
Tot Ion:164 Resp: 2952

Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.6

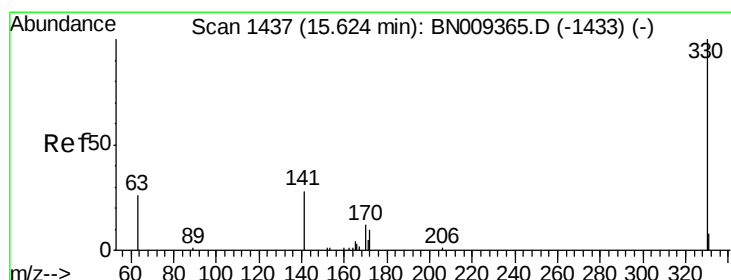
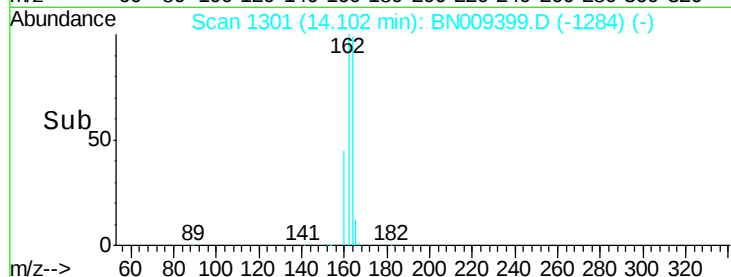
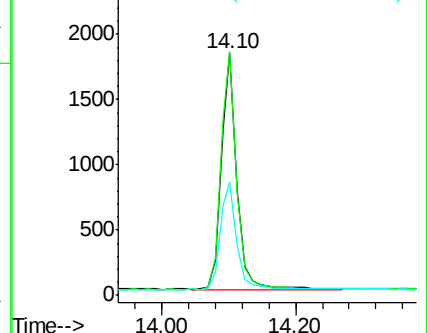
160 46.6 38.4 57.6



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: 0.227 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

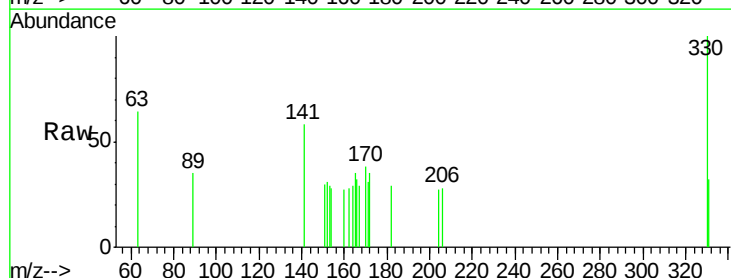
Tgt Ion:330 Resp: 253

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

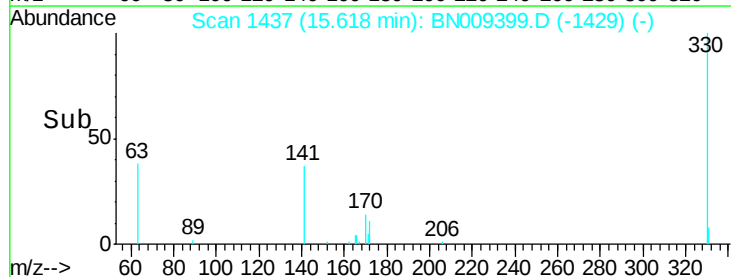
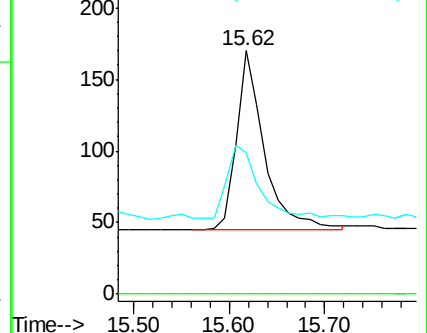
141 47.4 33.1 49.7

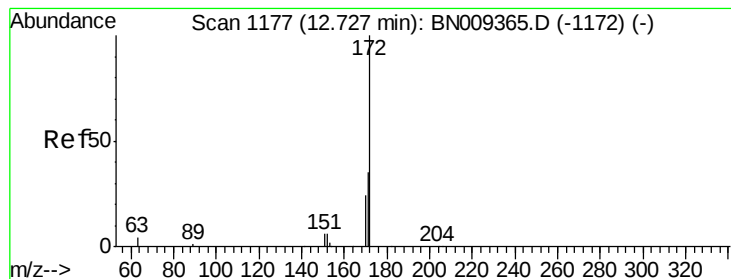


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

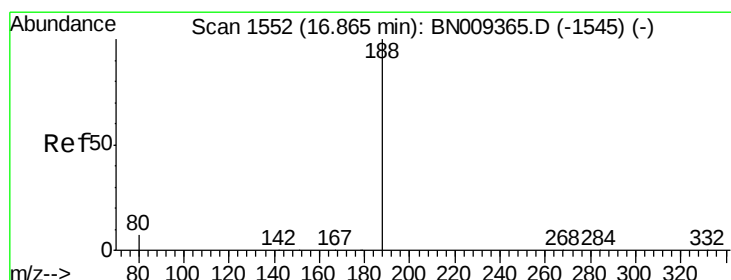
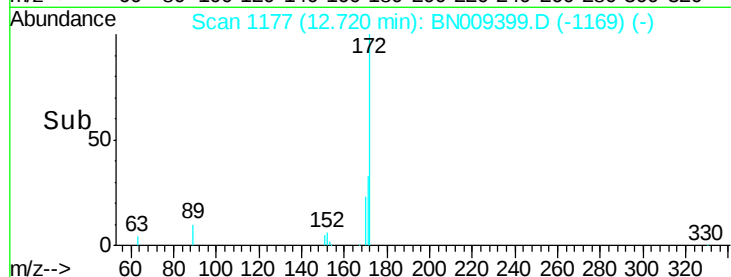
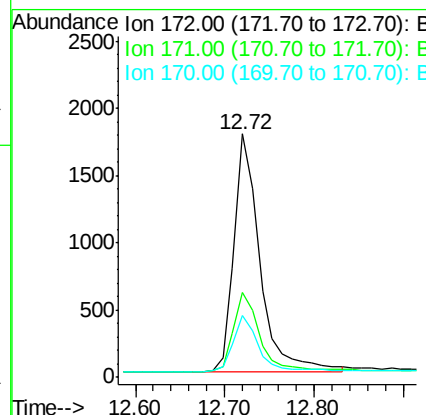
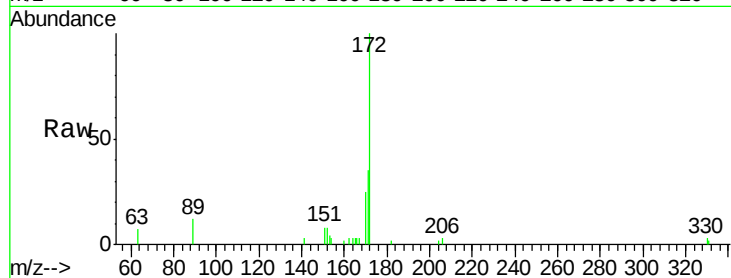




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009399.D
Acq: 20 Jan 2020 12:38

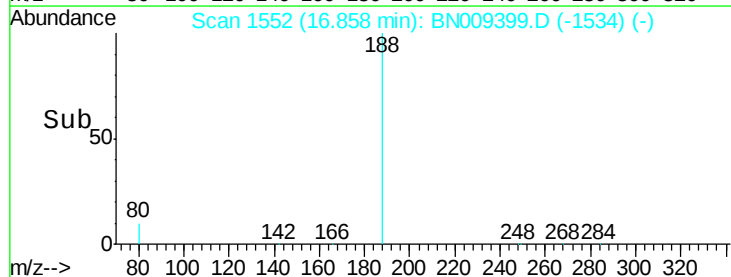
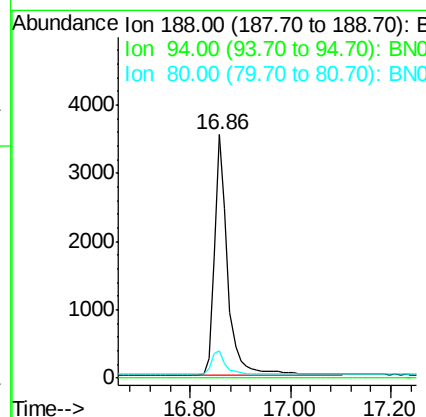
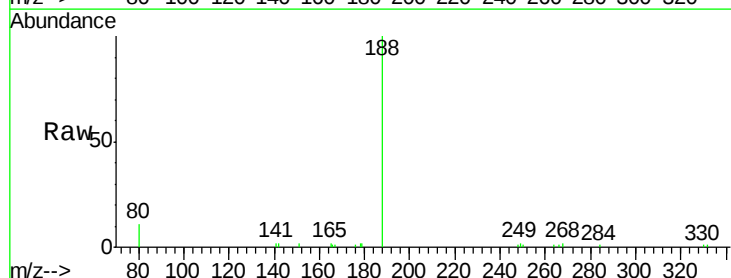
Instrument :
BNA_N
ClientSampled :

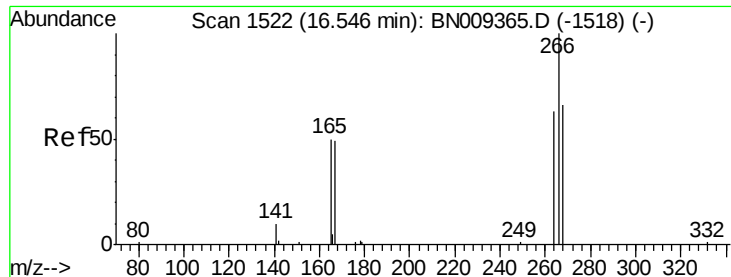
Tot Ion:172 Resp: 3546
Ion Ratio Lower Upper
172 100
171 35.1 29.5 44.3
170 25.3 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009399.D
Acq: 20 Jan 2020 12:38

Tgt Ion:188 Resp: 6540
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 6.6 10.0#

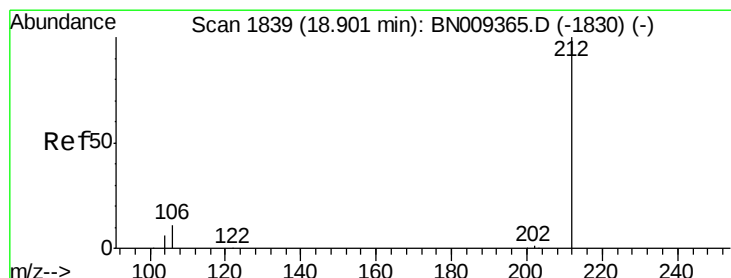
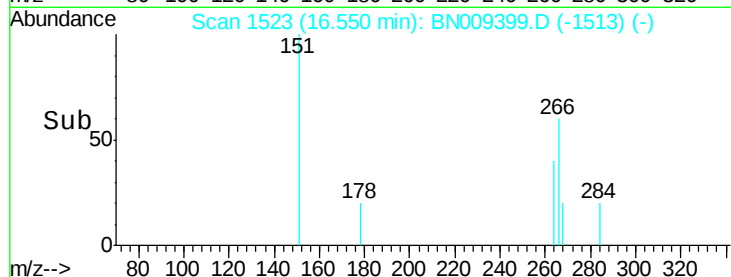
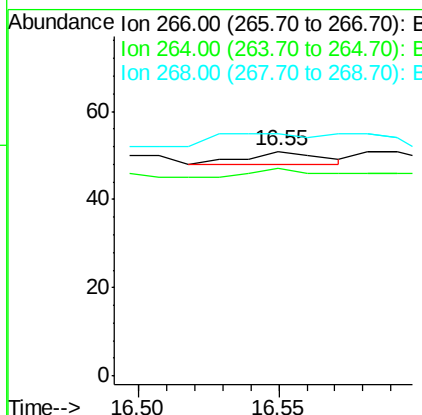
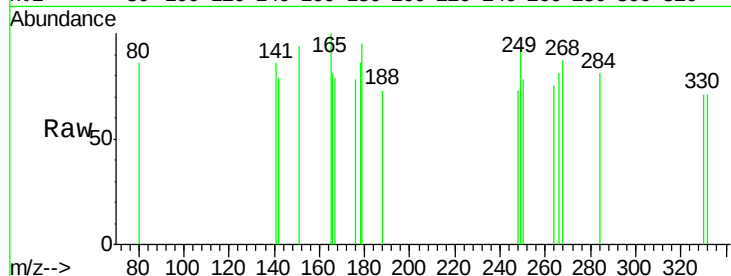




#22
 Pentachlorophenol
 Concen: 0.148 ng
 RT: 16.55 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

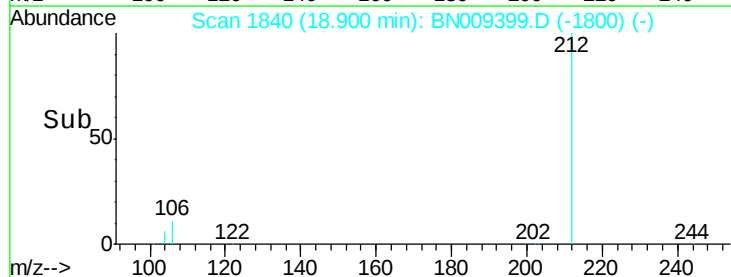
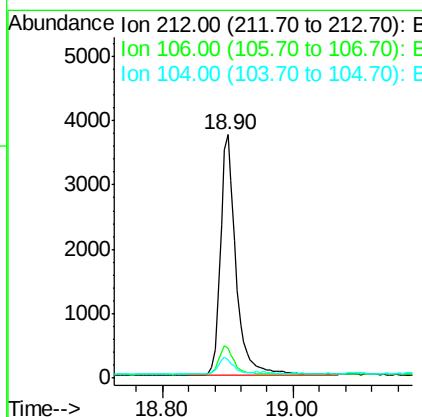
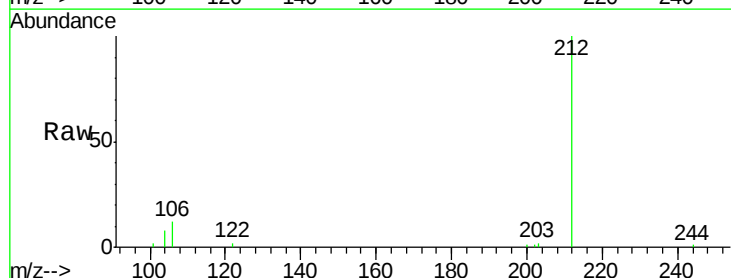
Instrument :
 BNA_N
 ClientSampleId :

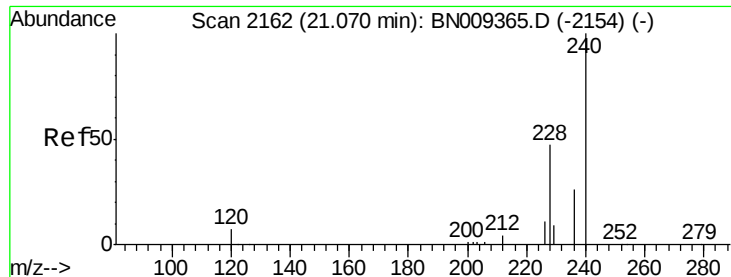
Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 92.2 57.8 86.6#
 268 107.8 63.8 95.6#



#25
 Fluoranthene-d10
 Concen: 0.278 ng
 RT: 18.90 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BN009399.D
 Acq: 20 Jan 2020 12:38

Tgt Ion:212 Resp: 6224
 Ion Ratio Lower Upper
 212 100
 106 11.7 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: BN009399.D

Acq: 20 Jan 2020 12:38

Instrument :

BNA_N

ClientSampleId :

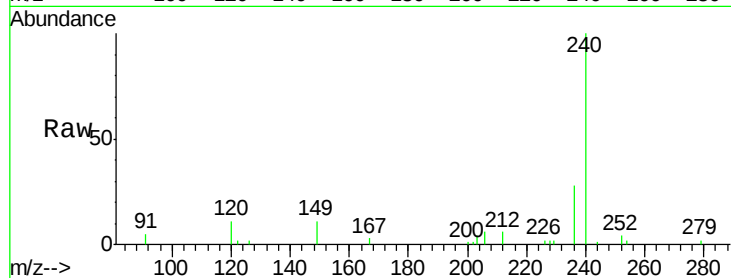
Tot Ion:240 Resp: 6008

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

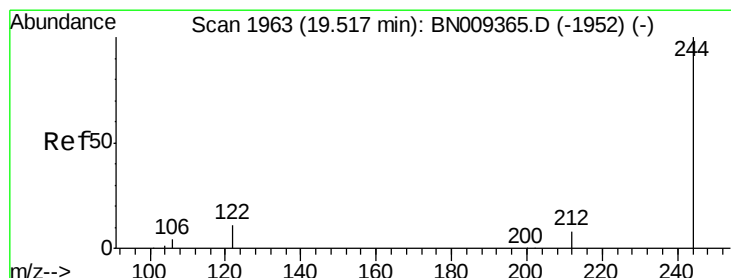
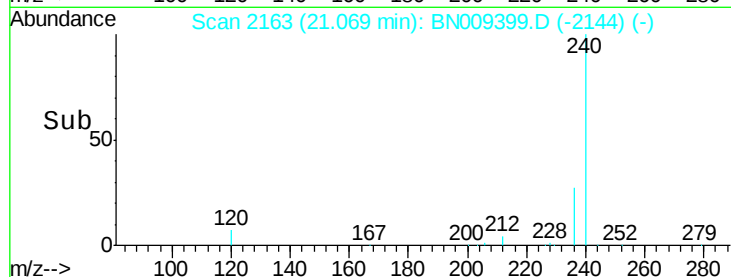
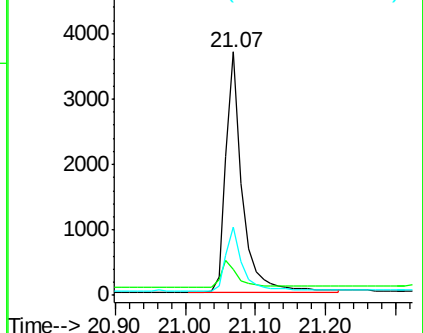
236 28.0 22.2 33.4



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: 0.328 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

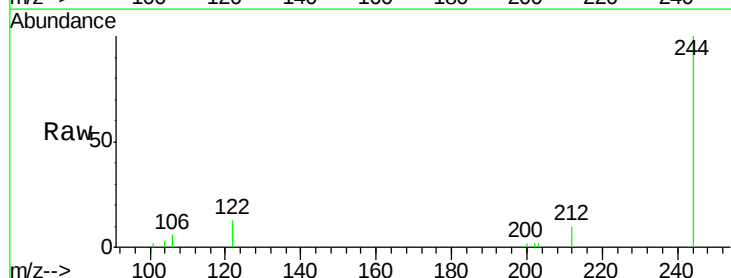
Tgt Ion:244 Resp: 4672

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

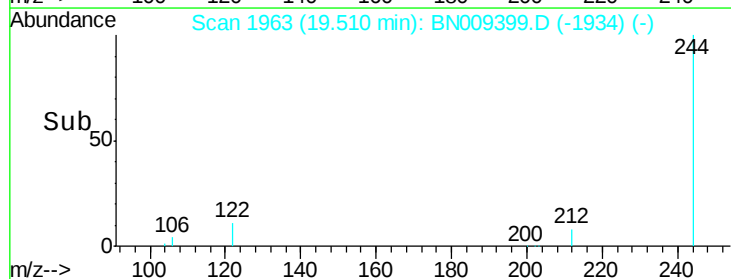
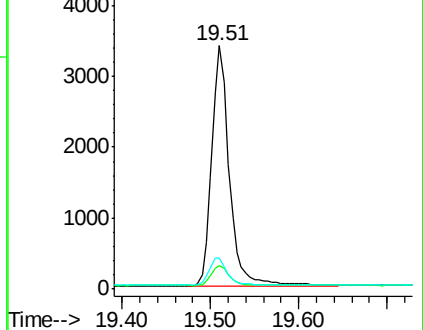
122 12.8 9.8 14.6

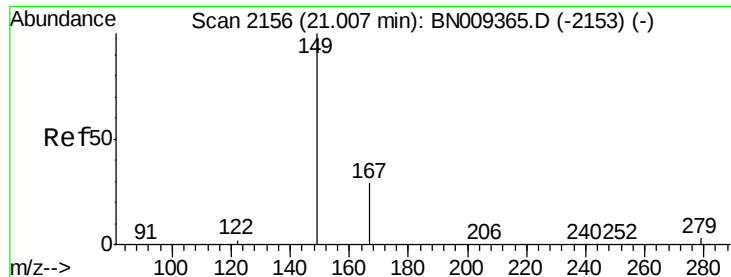


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

Instrument :

BNA_N

ClientSampleId :

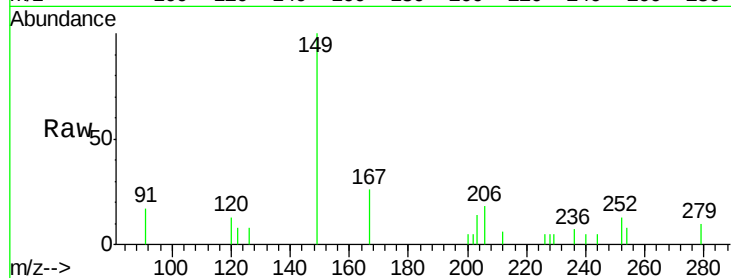
Tot Ion:149 Resp: 706

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

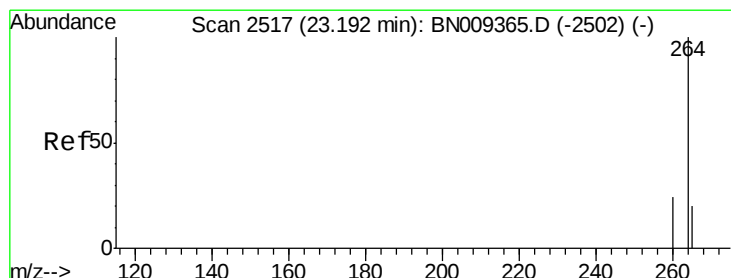
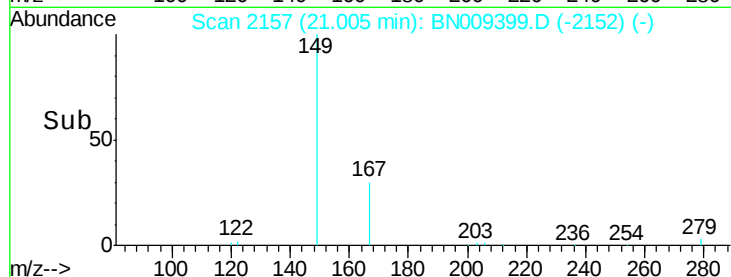
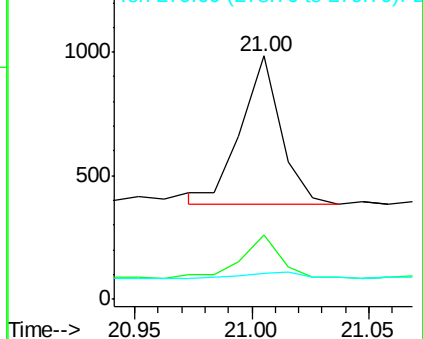
279 7.4 3.4 5.0#



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# 2518

Delta R.T. -0.00 min

Lab File: BN009399.D

Acq: 20 Jan 2020 12:38

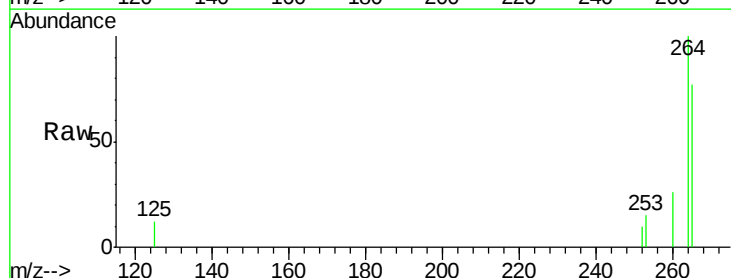
Tgt Ion:264 Resp: 6327

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 77.3 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

