

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007598.D
 Acq On : 11 Sep 2019 21:14
 Operator : HP/JU
 Sample : PB122940BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 12 06:40:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

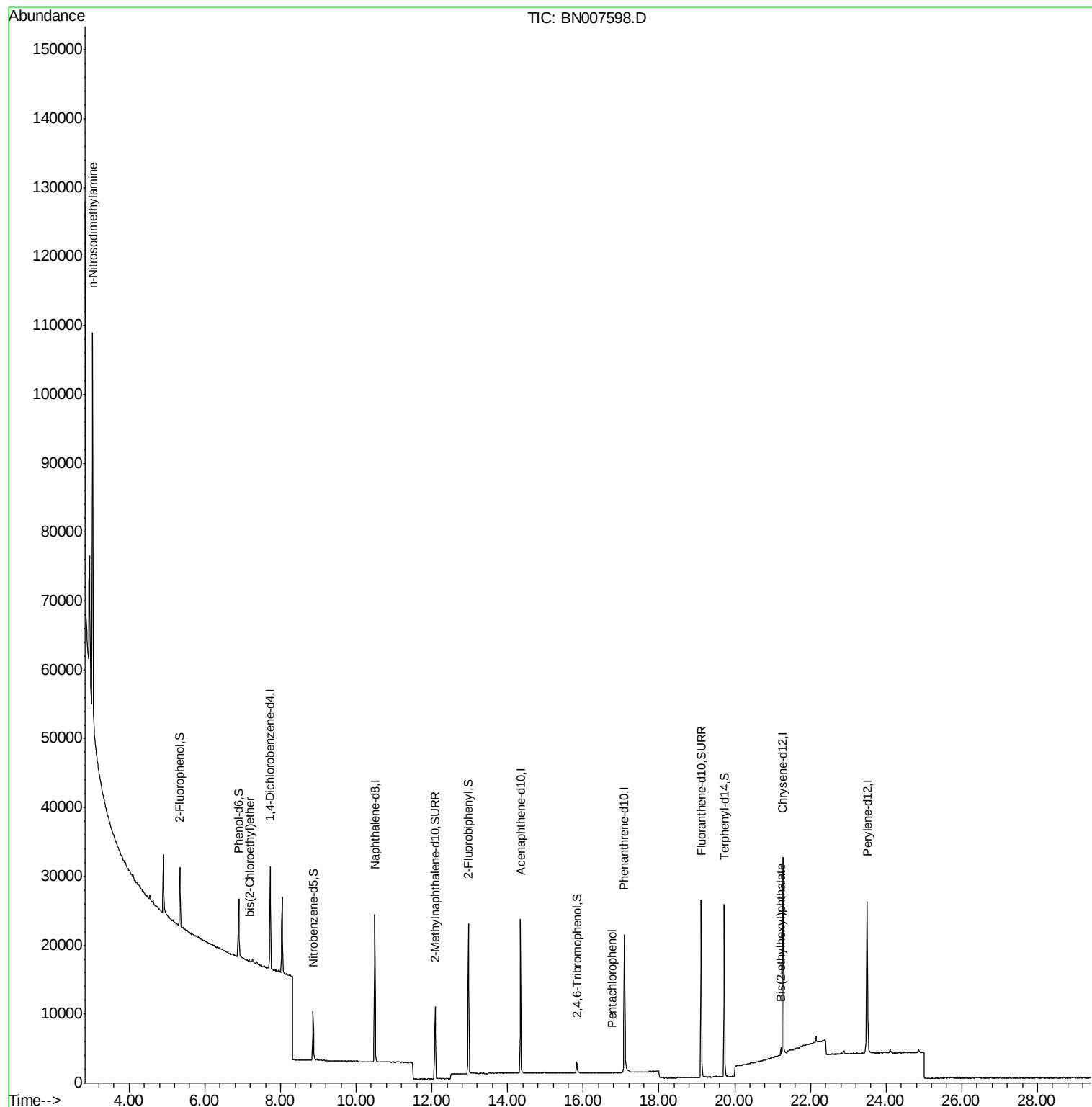
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7058	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	27872	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	14200	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	32169	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	29306	0.40	ng	-0.02
34) Perylene-d12	23.50	264	29785	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	6699	0.31	ng	0.00
5) Phenol-d6	6.90	99	9069	0.31	ng	0.00
8) Nitrobenzene-d5	8.86	82	6387	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	14429	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1424	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	18994	0.32	ng	-0.01
25) Fluoranthene-d10	19.12	212	30240	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	25604	0.34	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.04	42	5185	1.230	ng	# 100
6) bis(2-Chloroethyl)ether	7.20	93	12	0.214	ng	# 13
22) Pentachlorophenol	16.75	266	10	0.205	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.22	149	1179	0.033	ng	# 99

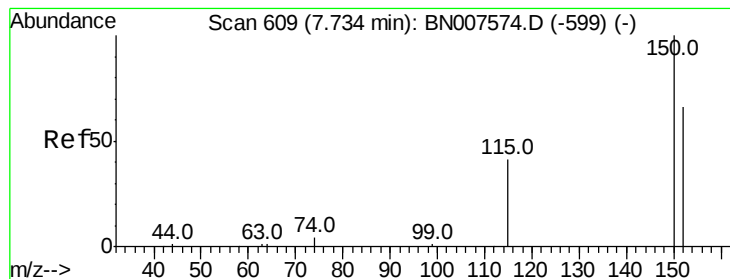
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration



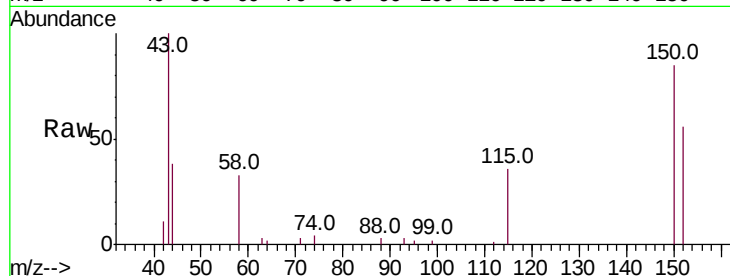


#1

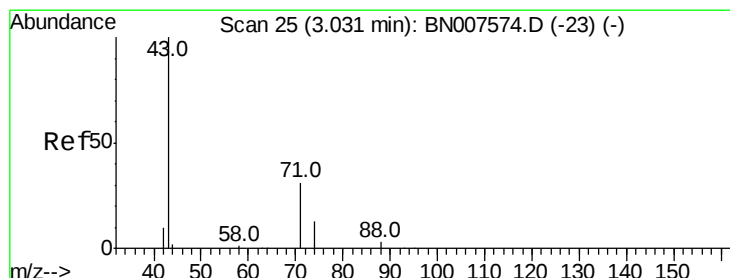
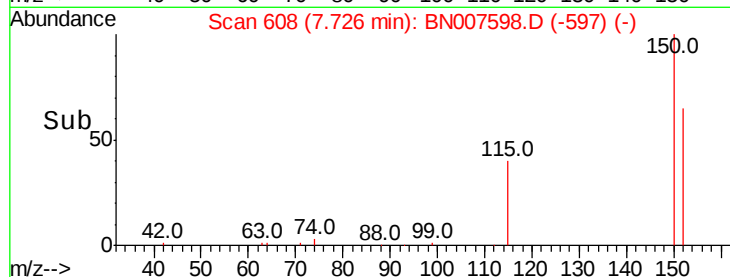
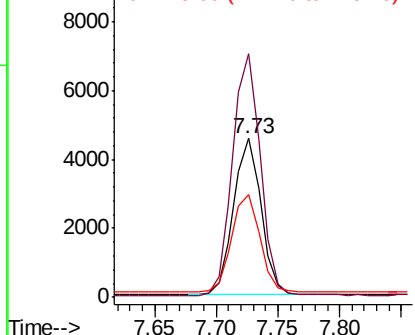
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007598.D
Acq: 11 Sep 2019 21:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7058
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 64.8 53.0 79.6



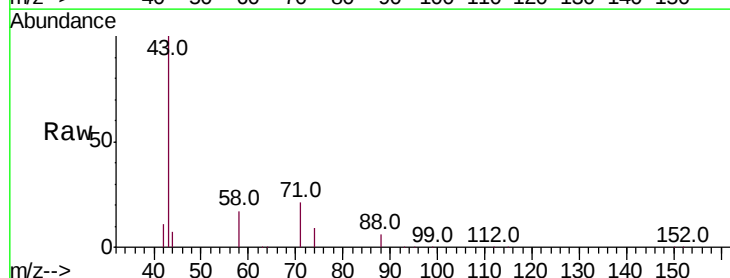
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



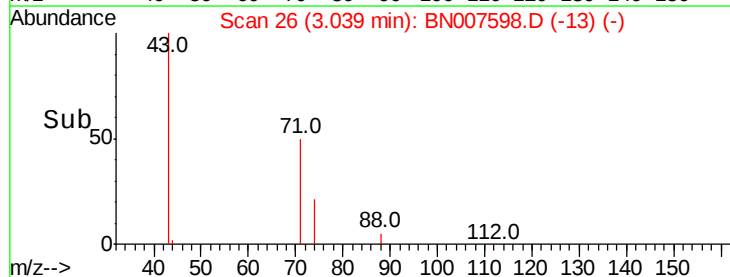
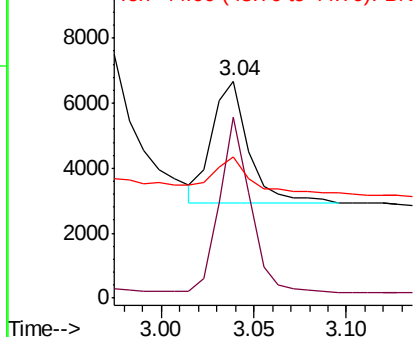
#3

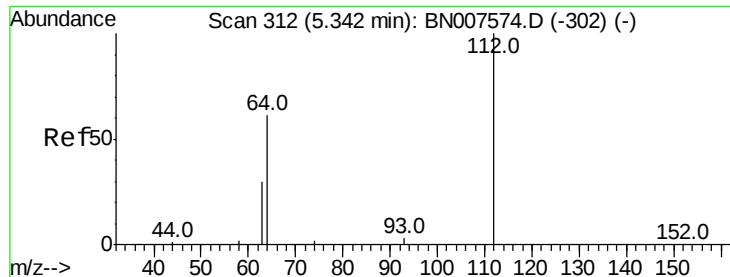
n-Nitrosodimethylamine
Concen: 1.230 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.01 min
Lab File: BN007598.D
Acq: 11 Sep 2019 21:14

Tgt Ion: 42 Resp: 5185
Ion Ratio Lower Upper
42 100
74 119.1 0.0 0.0#
44 30.9 0.0 0.0#



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





#4

2-Fluorophenol

Concen: 0.312 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

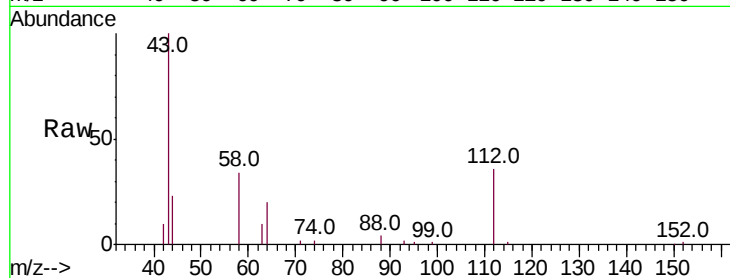
Tot Ion:112 Resp: 6699

Ion Ratio Lower Upper

112 100

64 60.5 49.2 73.8

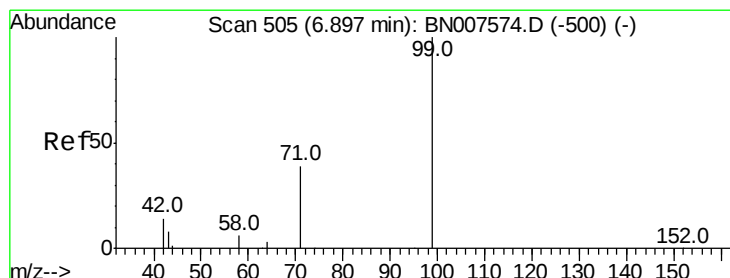
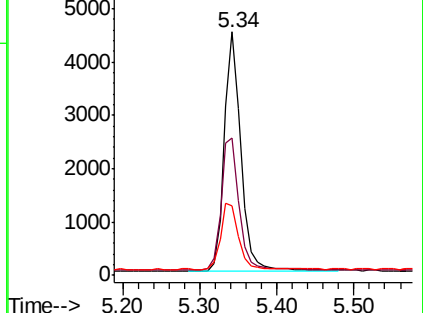
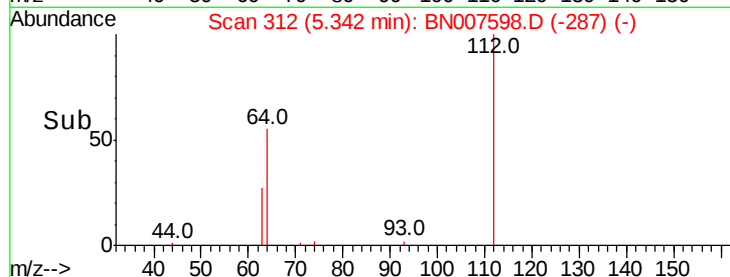
63 30.2 26.0 39.0



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: 0.314 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

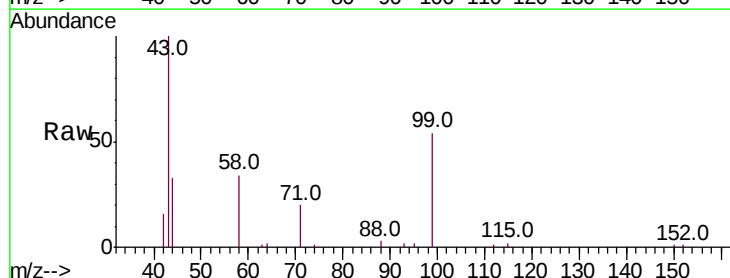
Tgt Ion: 99 Resp: 9069

Ion Ratio Lower Upper

99 100

42 13.6 11.8 17.8

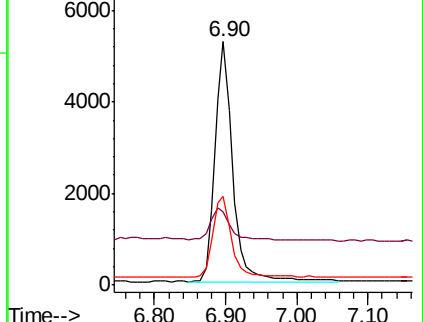
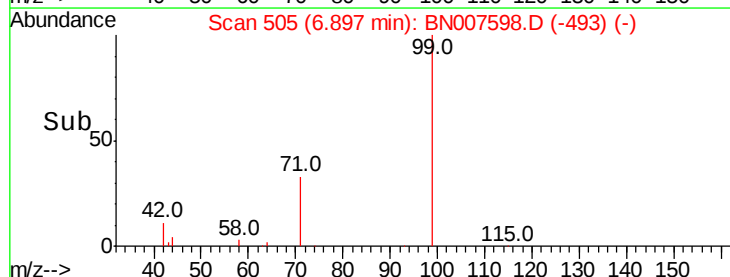
71 33.9 28.8 43.2

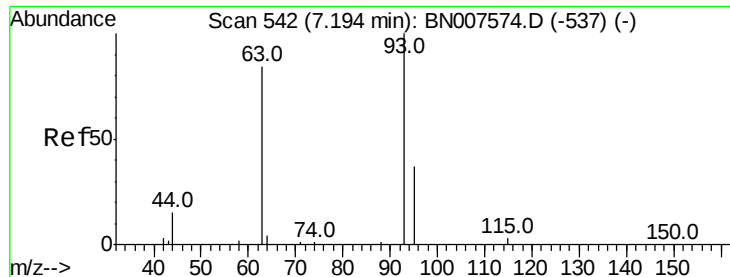


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.214 ng

RT: 7.20 min Scan# 543

Delta R.T. 0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

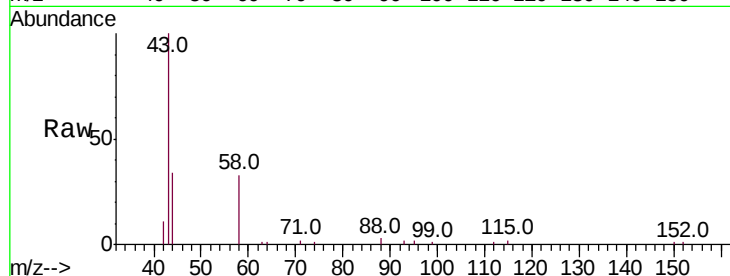
Tot Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 0.0 69.8 104.6#

95 0.0 42.8 64.2#



Abundance Ion 93.00 (92.70 to 93.70): BN007574.D (-537) (-)

Ion 63.00 (62.70 to 63.70): BN007574.D (-537) (-)

Ion 95.00 (94.70 to 95.70): BN007574.D (-537) (-)

7.20

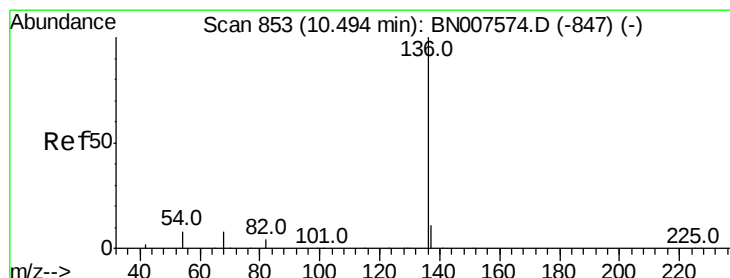
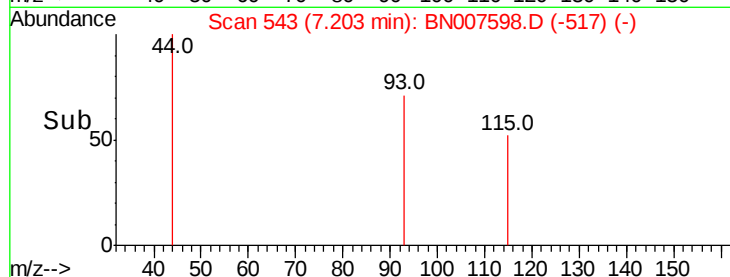
150

100

50

0

Time--> 7.16 7.18 7.20 7.22



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Tgt Ion: 136 Resp: 27872

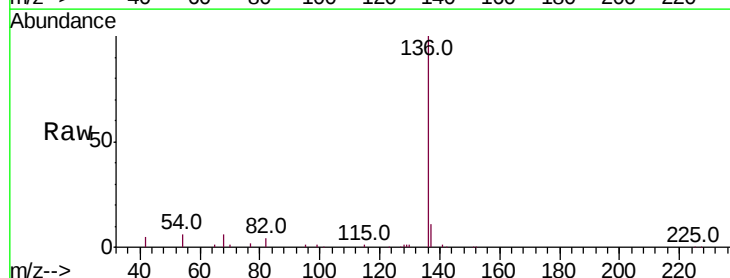
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 5.8 7.5 11.3#

68 6.4 7.9 11.9#



Abundance Ion 136.00 (135.70 to 136.70): BN007574.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007574.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007574.D (-847) (-)

10.49

25000

20000

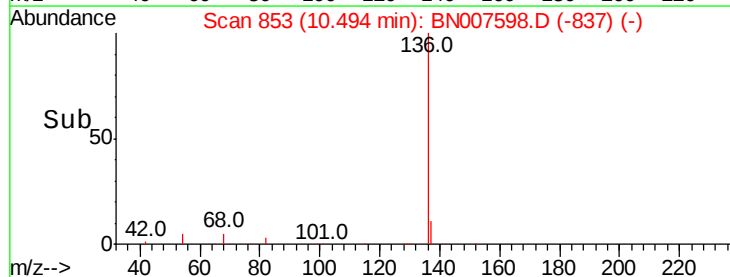
15000

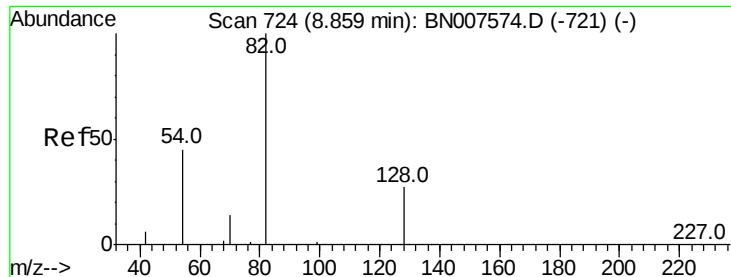
10000

5000

0

Time--> 10.40 10.50 10.60





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

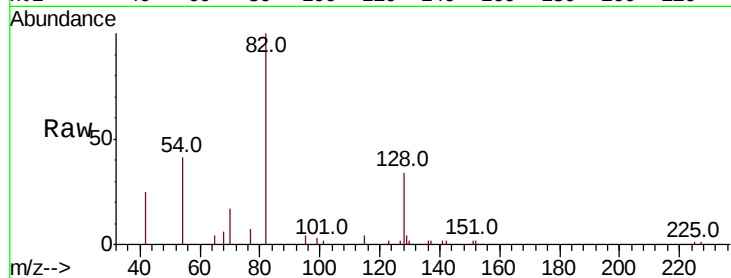
Tot Ion: 82 Resp: 6387

Ion Ratio Lower Upper

82 100

128 34.4 23.4 35.2

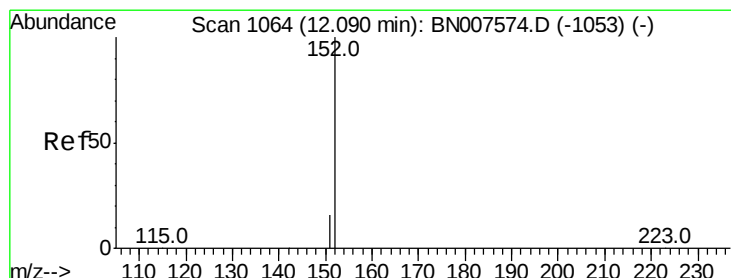
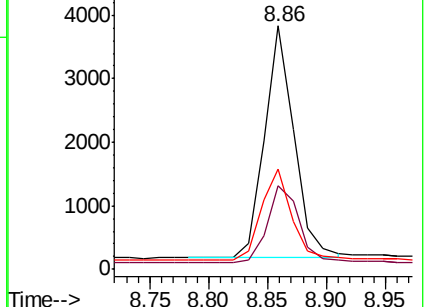
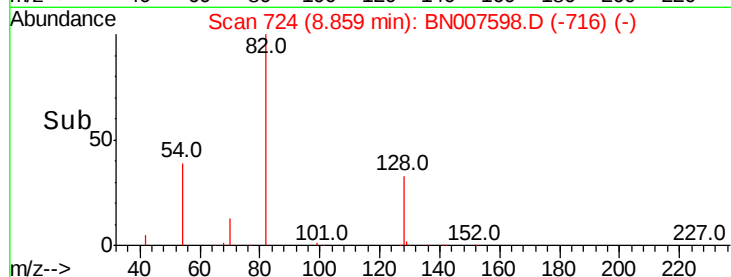
54 40.9 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BN007574.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007574.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007598.D

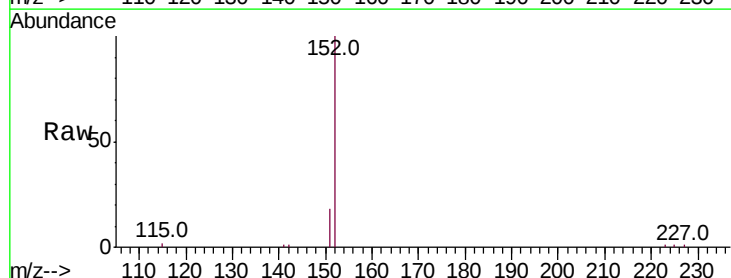
Acq: 11 Sep 2019 21:14

Tgt Ion: 152 Resp: 14429

Ion Ratio Lower Upper

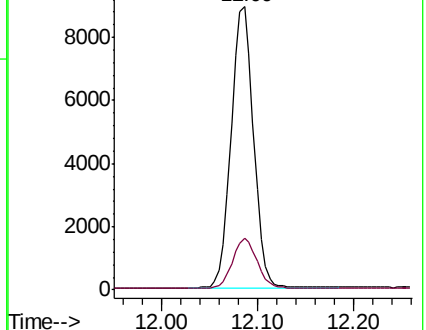
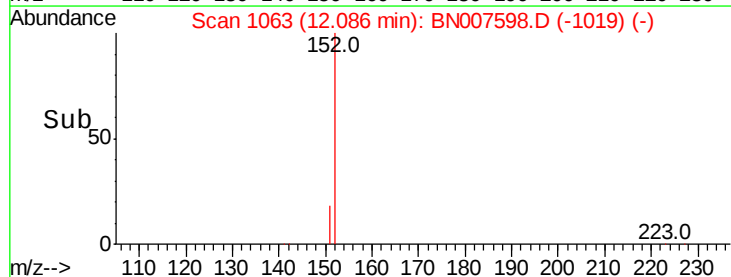
152 100

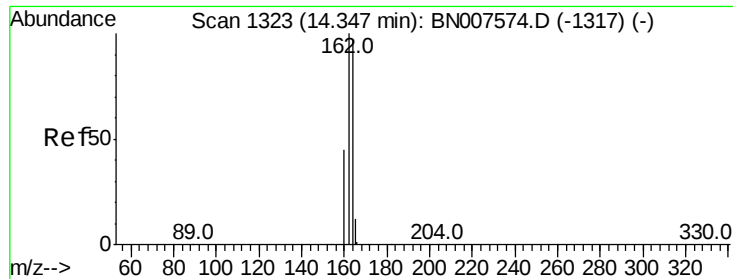
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007574.D (-1053) (-)

Ion 151.00 (150.70 to 151.70): BN007574.D (-1053) (-)

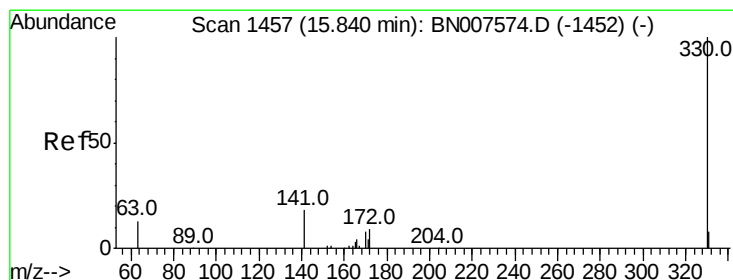
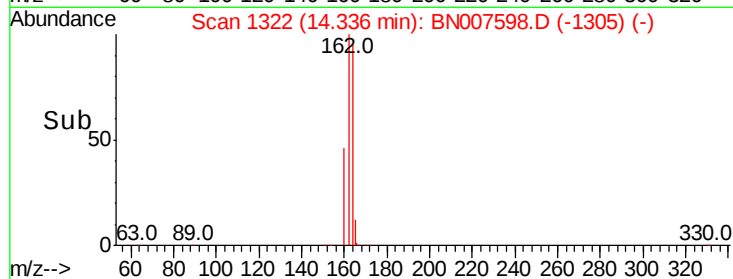
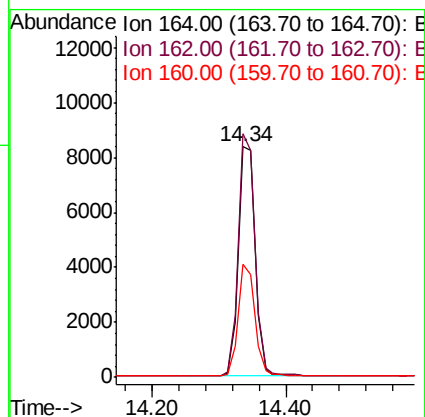
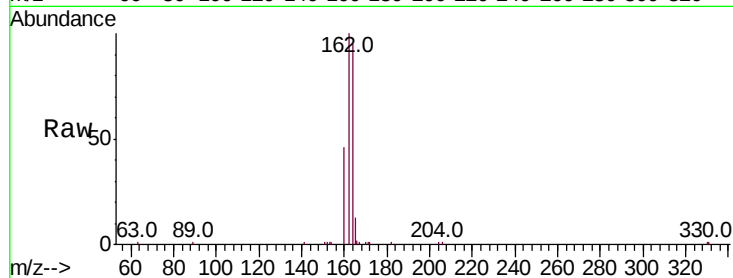




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

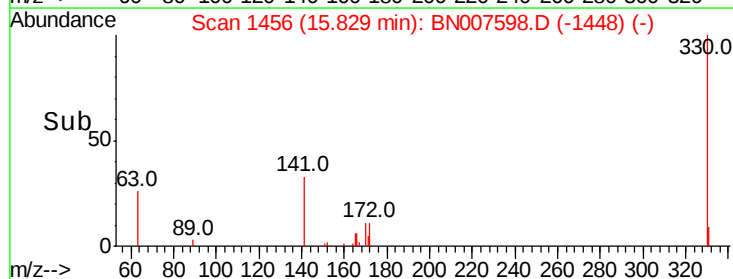
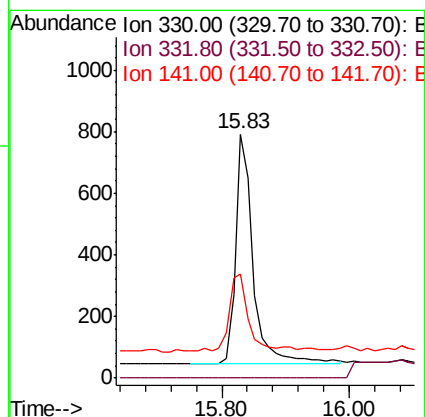
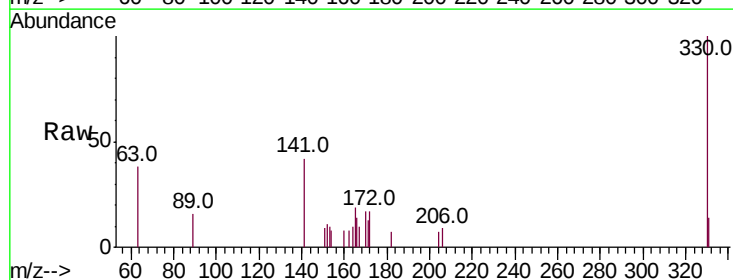
Instrument :
 BNA_N
 ClientSampleId :

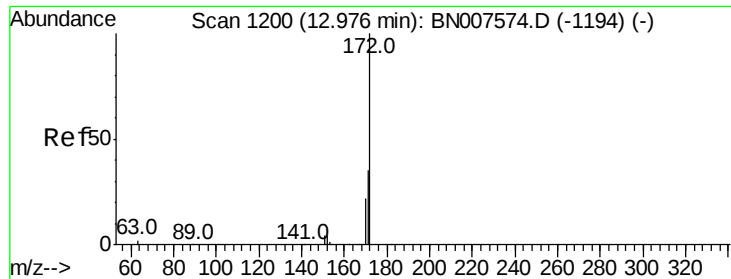
Tot Ion:164 Resp: 14200
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.2 123.2
 160 49.0 37.4 56.0



#14
 2,4,6-Tribromophenol
 Concen: 0.264 ng
 RT: 15.83 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

Tgt Ion:330 Resp: 1424
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.3 30.6 45.8

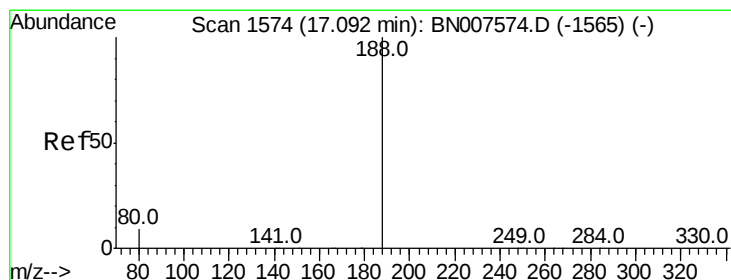
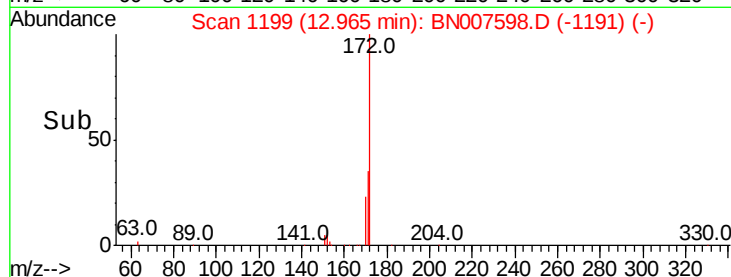
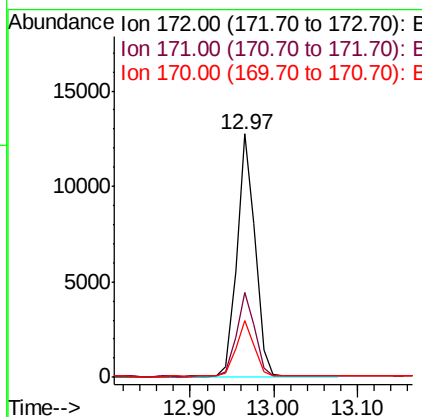
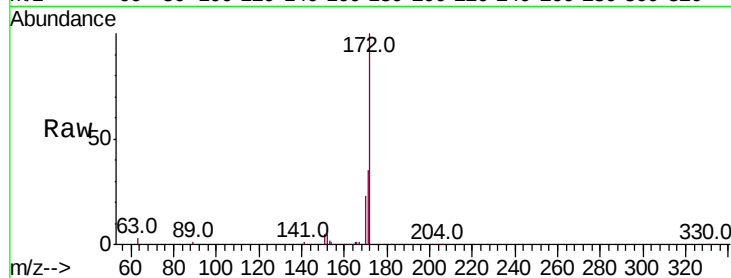




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007598.D
Acq: 11 Sep 2019 21:14

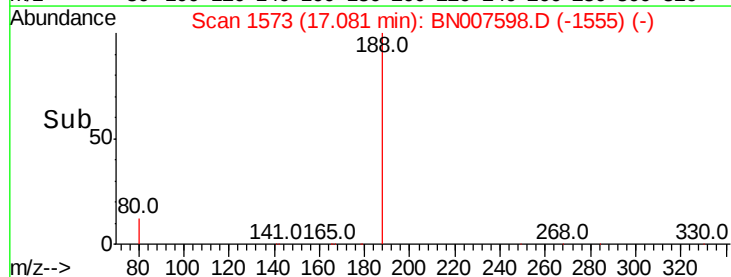
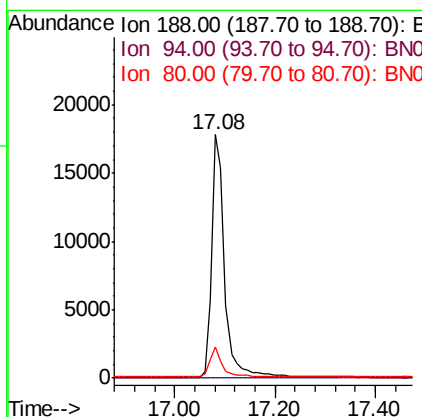
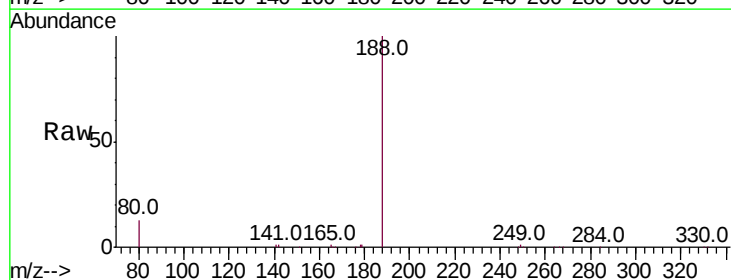
Instrument :
BNA_N
ClientSampleId :

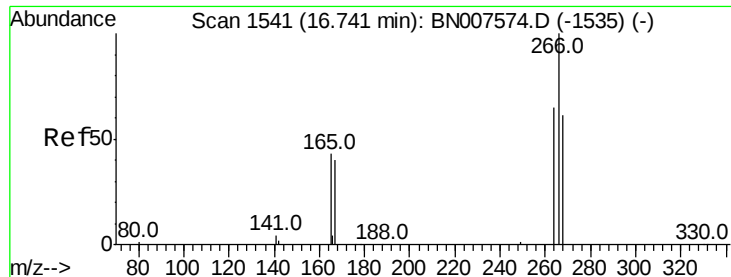
Tot Ion:172 Resp: 18994
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.2 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN007598.D
Acq: 11 Sep 2019 21:14

Tgt Ion:188 Resp: 32169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 8.1 12.1#

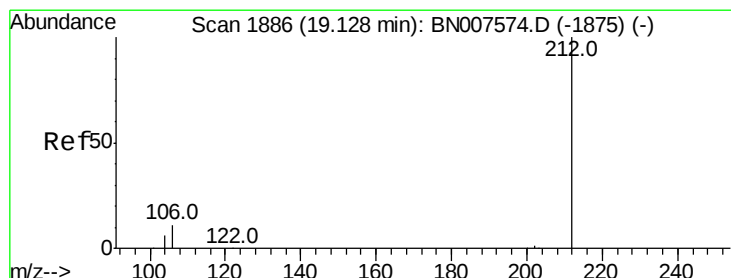
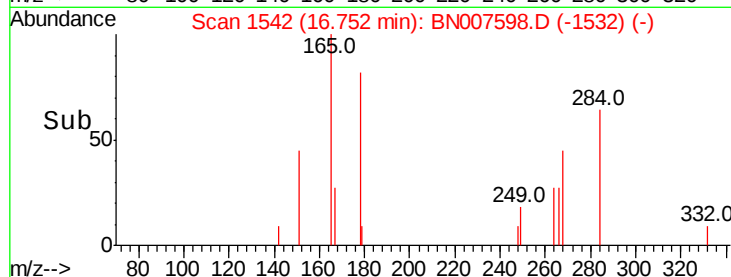
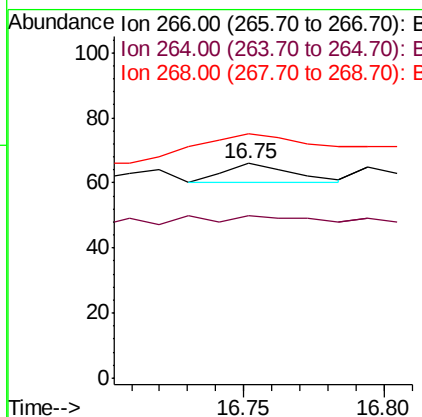
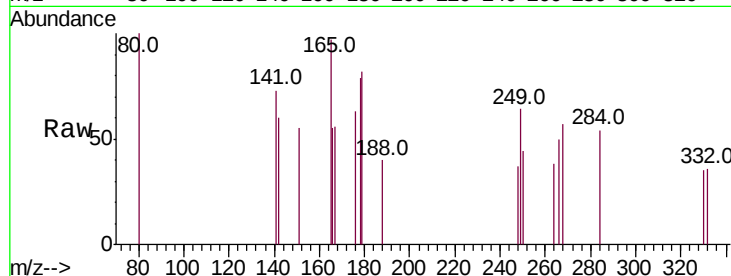




#22
 Pentachlorophenol
 Concen: 0.205 ng
 RT: 16.75 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

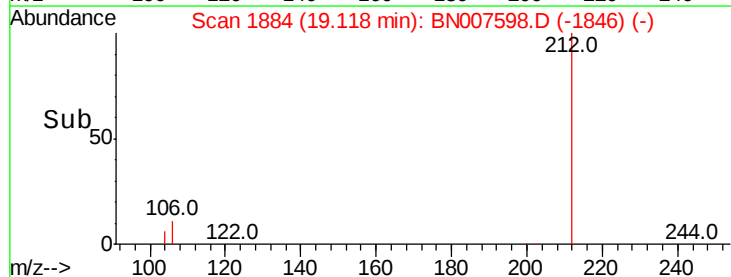
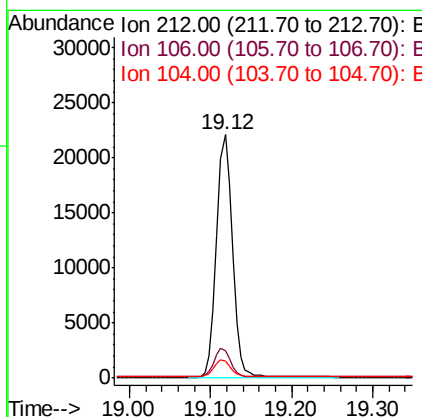
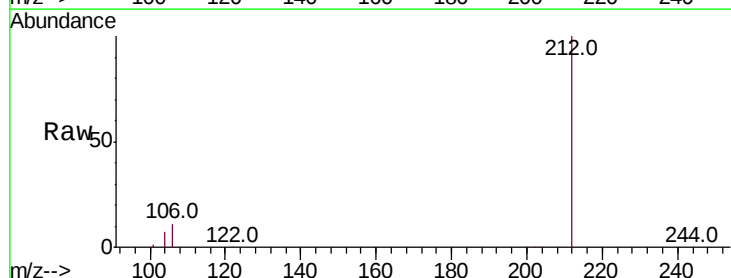
Instrument :
 BNA_N
 ClientSampled :

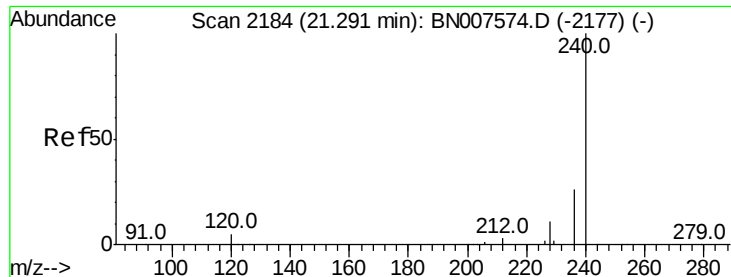
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 75.8 52.0 78.0
 268 113.6 53.5 80.3#



#25
 Fluoranthene-d10
 Concen: 0.289 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

Tgt Ion:212 Resp: 30240
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.7 14.5
 104 6.6 5.5 8.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

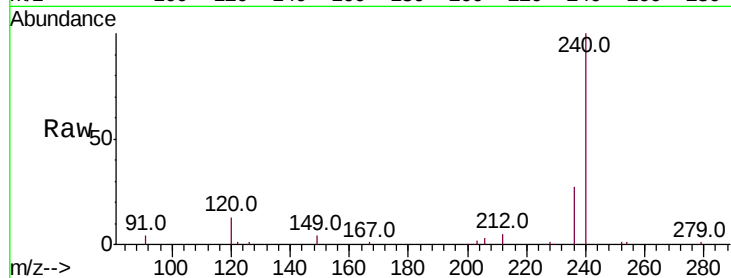
Tot Ion:240 Resp: 29306

Ion Ratio Lower Upper

240 100

120 13.1 5.0 7.4#

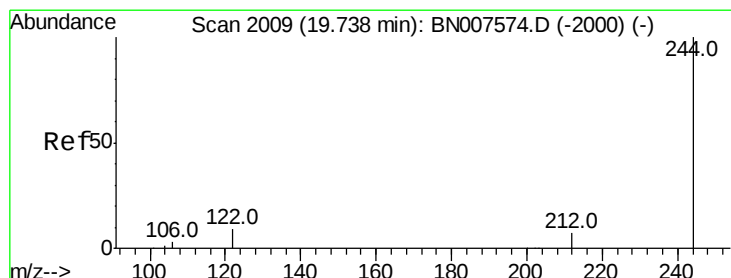
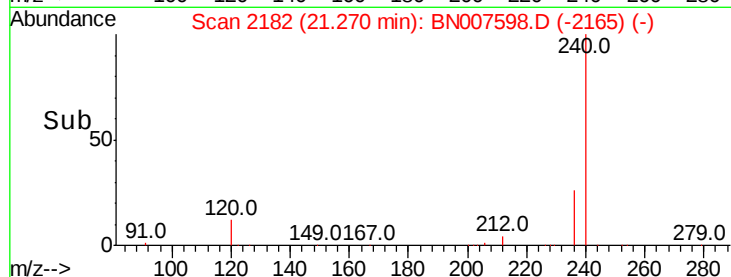
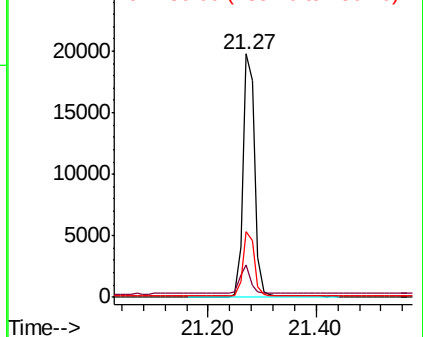
236 26.9 20.6 31.0



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: 0.336 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

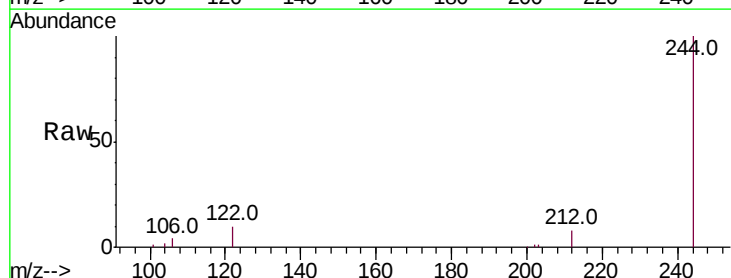
Tgt Ion:244 Resp: 25604

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

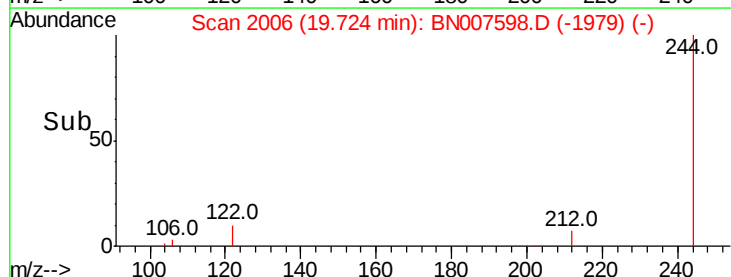
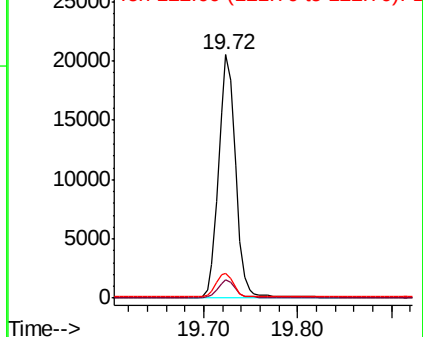
122 10.2 7.8 11.6

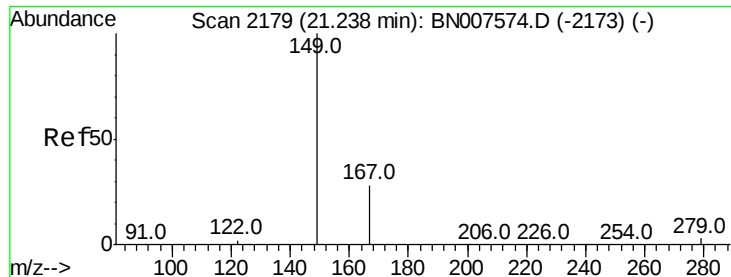


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

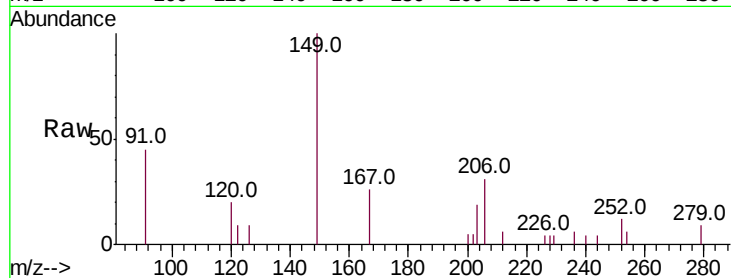
Tot Ion:149 Resp: 1179

Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

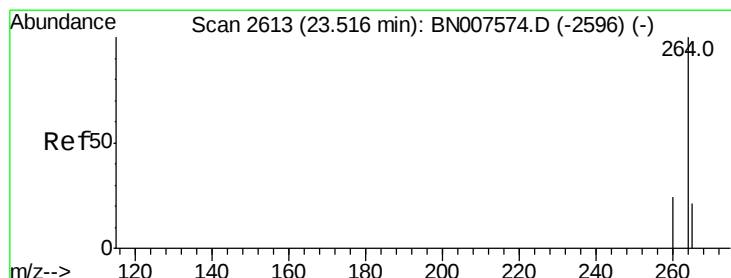
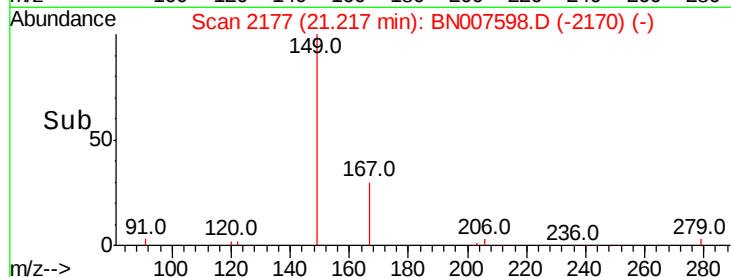
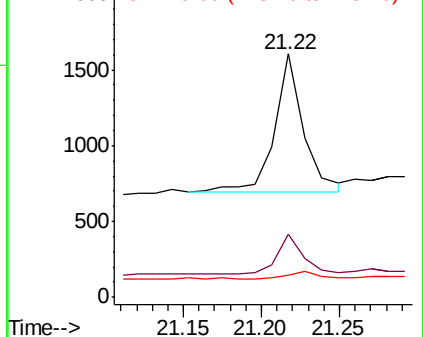
279 6.3 3.9 5.9#



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: 23.50 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

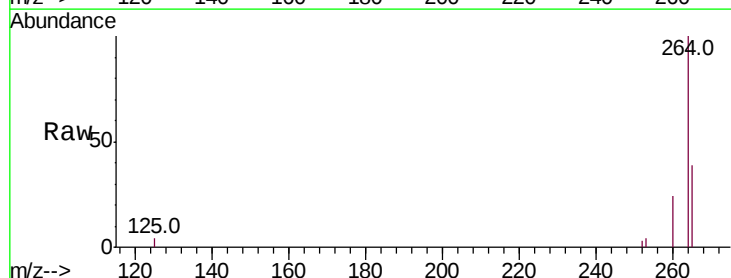
Tgt Ion:264 Resp: 29785

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 39.5 25.6 38.4#



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

