

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007784.D
 Acq On : 21 Sep 2019 04:17
 Operator : HP/JU
 Sample : K4974-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916

Quant Time: Sep 21 05:28:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

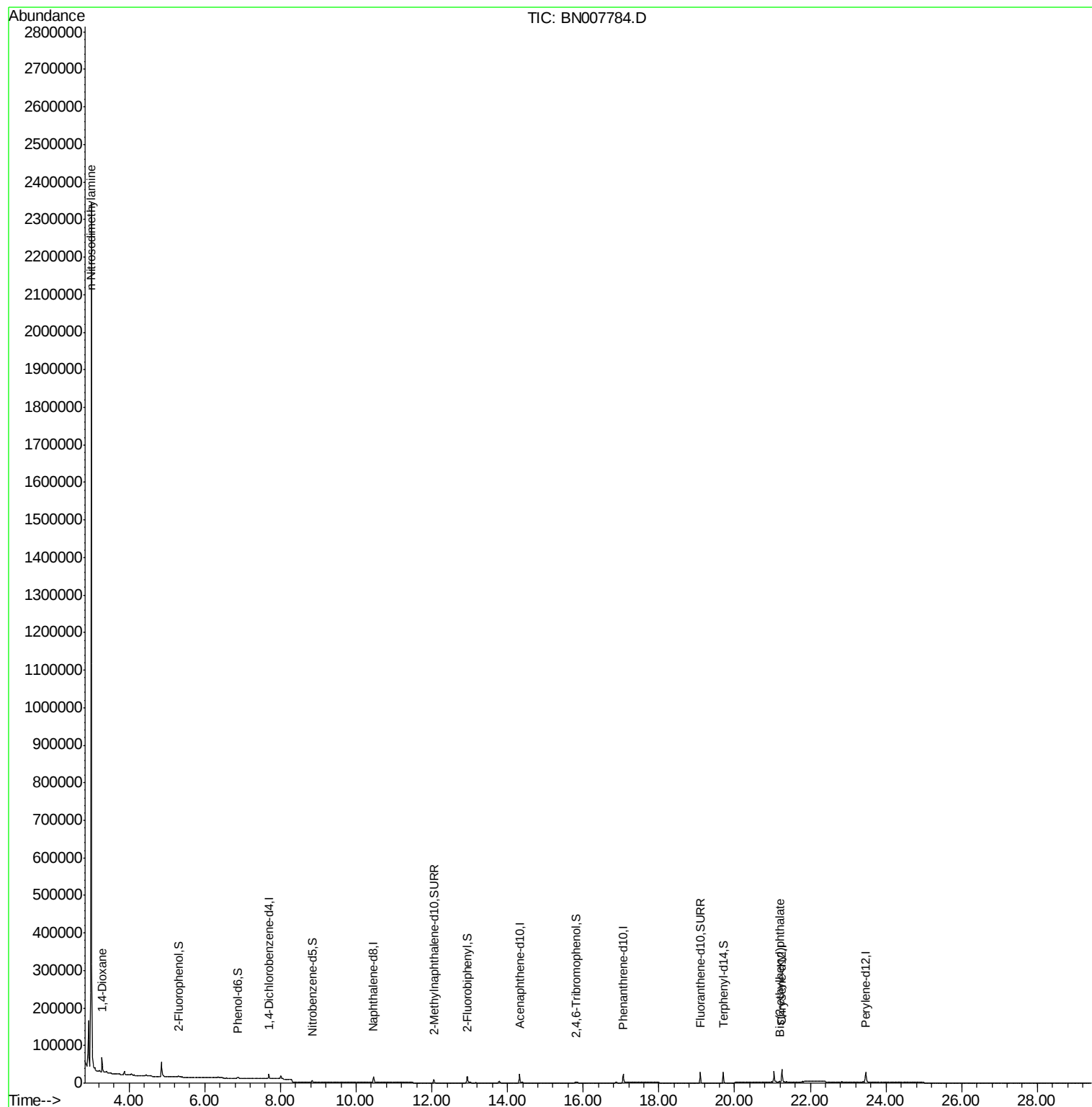
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6260	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	23459	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13828	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	30926	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	33446	0.40	ng	-0.02
34) Perylene-d12	23.46	264	35531	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	1790	0.08	ng	0.00
5) Phenol-d6	6.86	99	1414	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5154	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	12340	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1131	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	18470	0.32	ng	0.00
25) Fluoranthene-d10	19.09	212	32758	0.31	ng	-0.01
29) Terphenyl-d14	19.70	244	28958	0.35	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	29958	4.294	ng	# 93
3) n-Nitrosodimethylamine	3.00	42	173888	54.412	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	2541	0.040	ng	# 89

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

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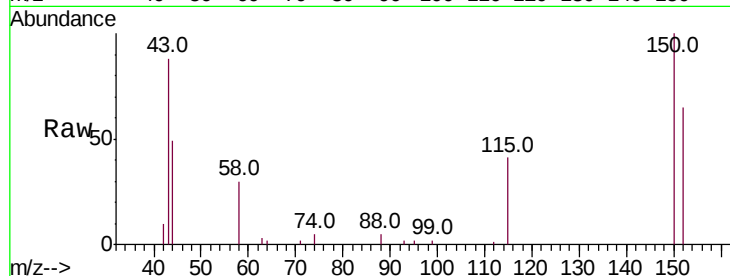


#1

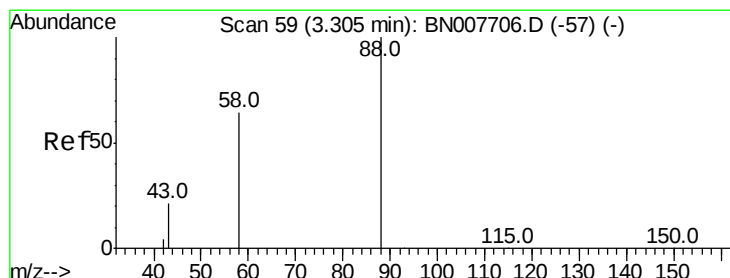
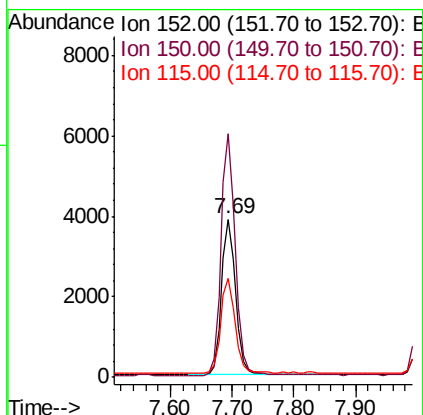
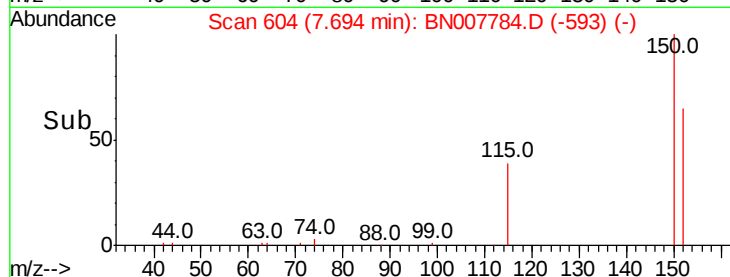
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007784.D
Acq: 21 Sep 2019 04:17

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916

Tot Ion:152 Resp: 6260
Ion Ratio Lower Upper
152 100
150 153.9 125.6 188.4
115 62.7 53.3 79.9



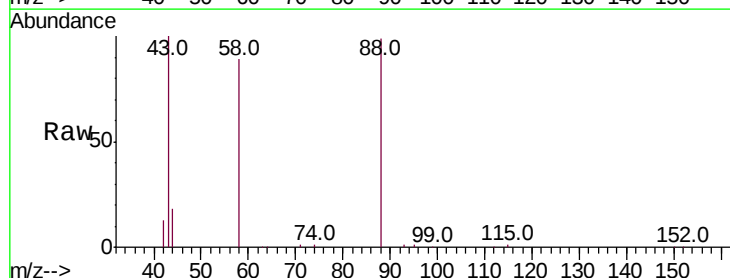
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



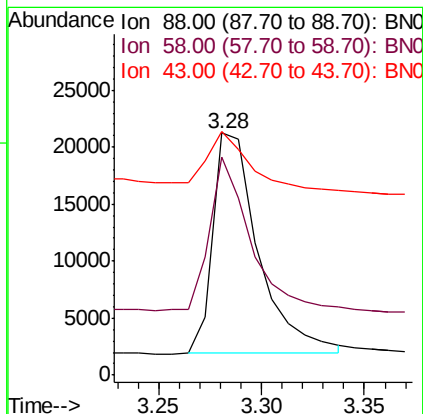
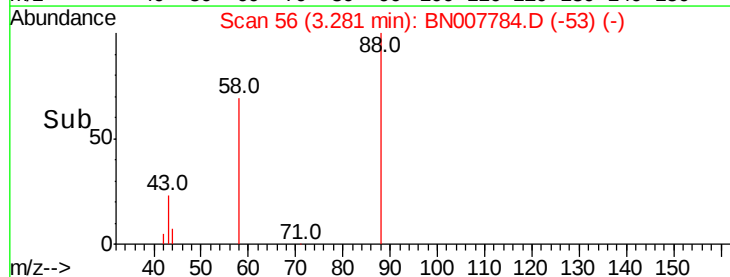
#2

1,4-Dioxane
Concen: 4.294 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007784.D
Acq: 21 Sep 2019 04:17

Tgt Ion: 88 Resp: 29958
Ion Ratio Lower Upper
88 100
58 59.6 44.6 66.8
43 24.2 14.4 21.6#



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: 54.412 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

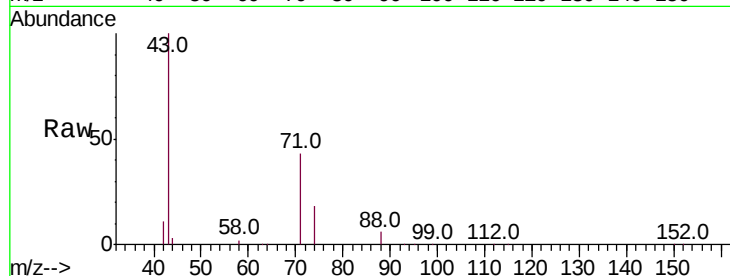
Tot Ion: 42 Resp: 173888

Ion Ratio Lower Upper

42 100

74 149.9 87.9 131.9#

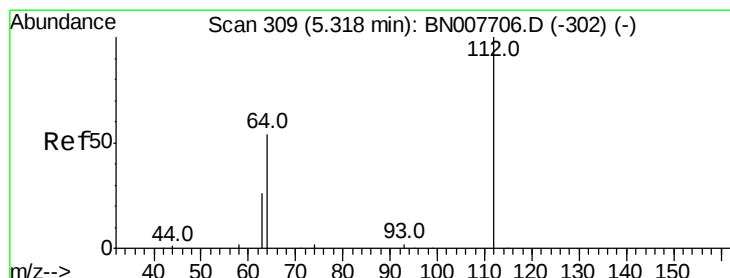
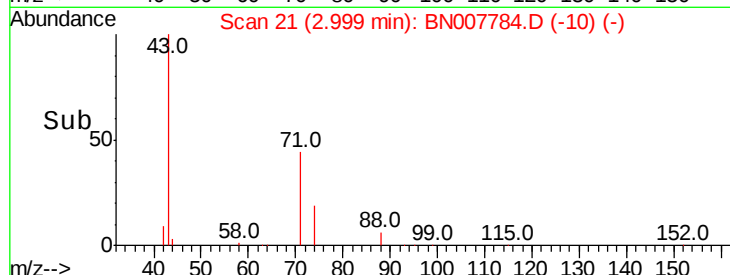
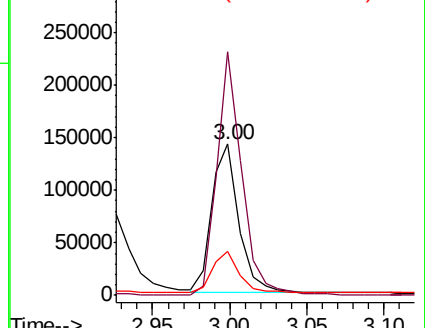
44 26.8 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007784.D (-10) (-)

Ion 44.00 (43.70 to 44.70): BN007784.D (-10) (-)



#4

2-Fluorophenol

Concen: 0.083 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

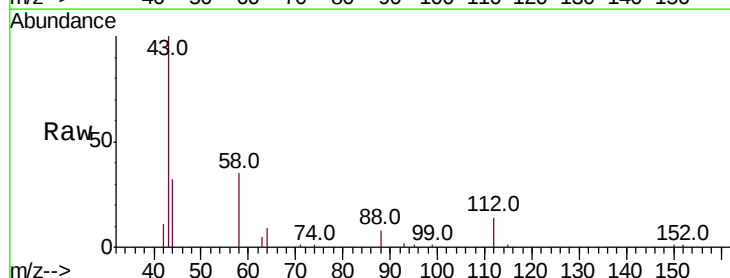
Tgt Ion: 112 Resp: 1790

Ion Ratio Lower Upper

112 100

64 58.9 46.6 70.0

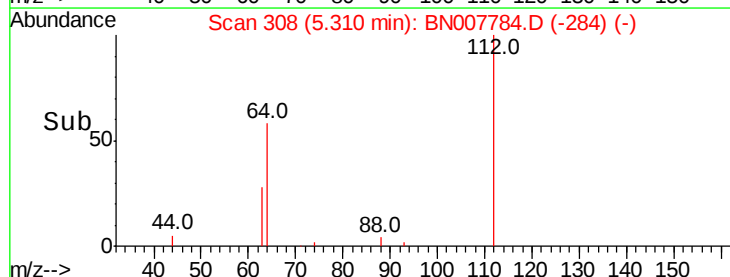
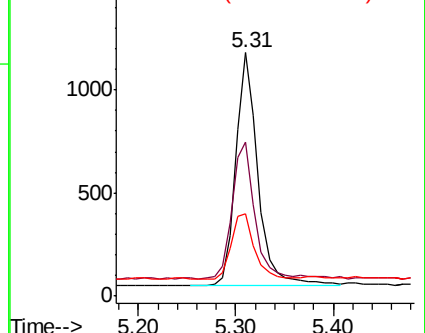
63 29.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007784.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN007784.D (-284) (-)





#5

Phenol-d6

Concen: 0.047 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

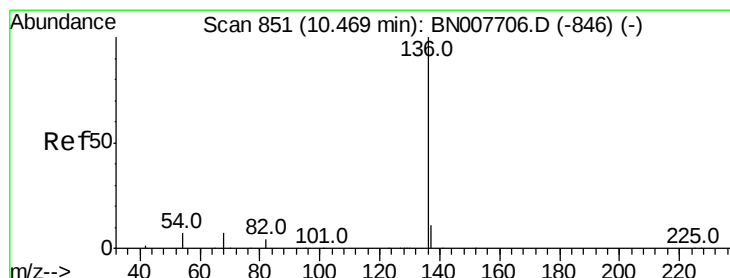
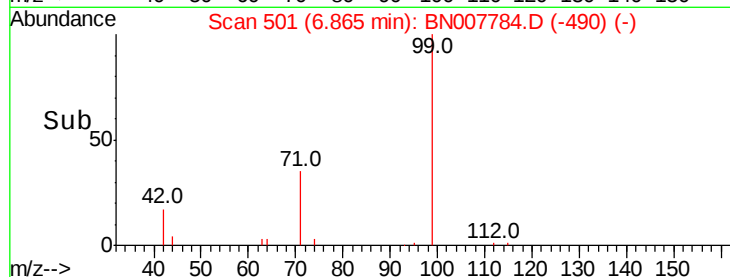
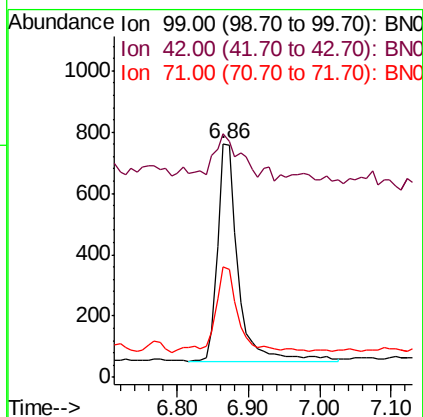
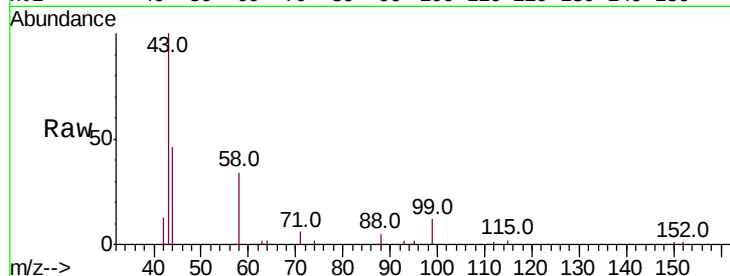
Tot Ion: 99 Resp: 1414

Ion Ratio Lower Upper

99 100

42 23.8 12.8 19.2#

71 45.0 27.6 41.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Tgt Ion: 136 Resp: 23459

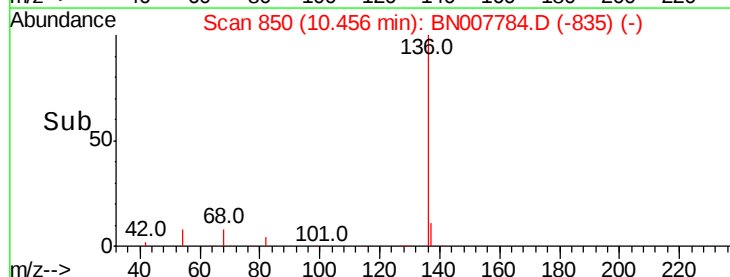
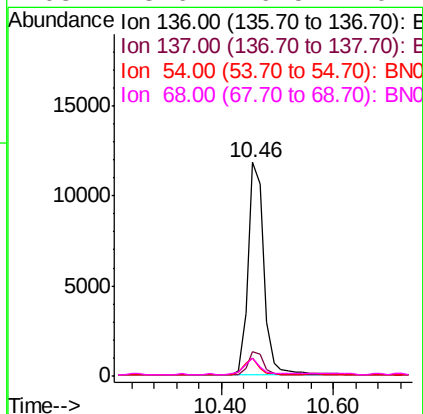
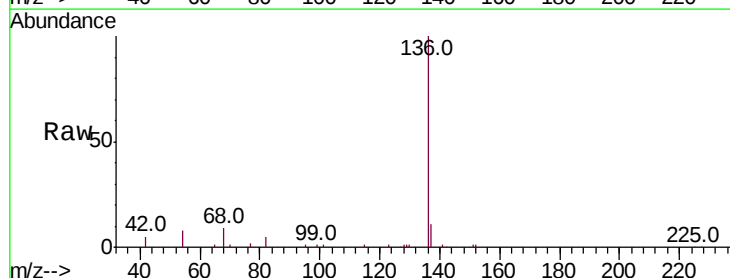
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.3 5.8 8.8

68 8.6 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.251 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

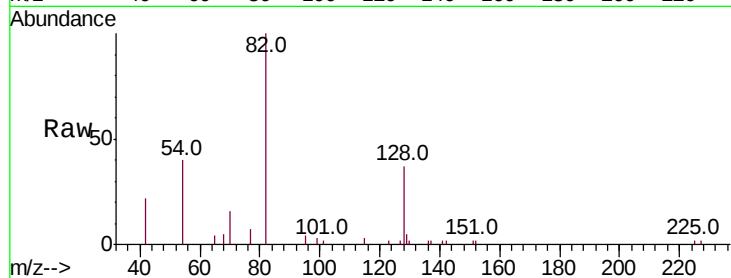
Tot Ion: 82 Resp: 5154

Ion Ratio Lower Upper

82 100

128 36.8 24.5 36.7#

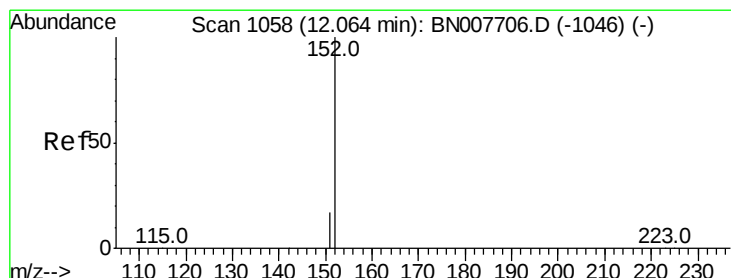
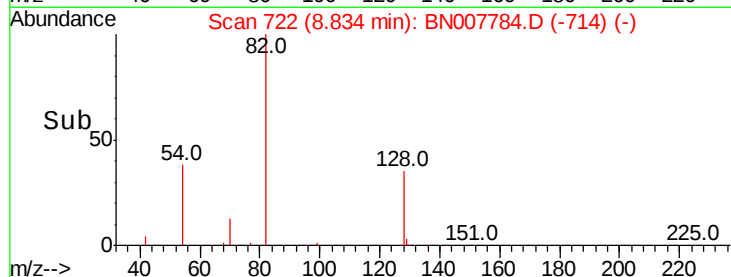
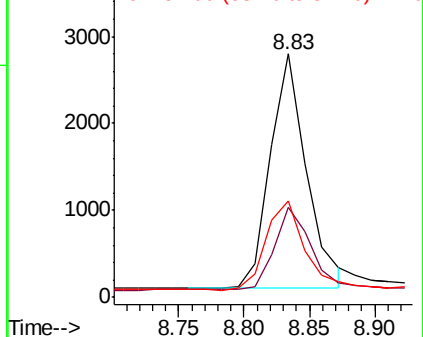
54 39.8 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007784.D

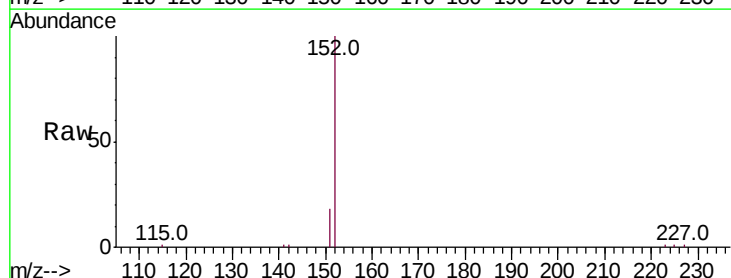
Acq: 21 Sep 2019 04:17

Tgt Ion: 152 Resp: 12340

Ion Ratio Lower Upper

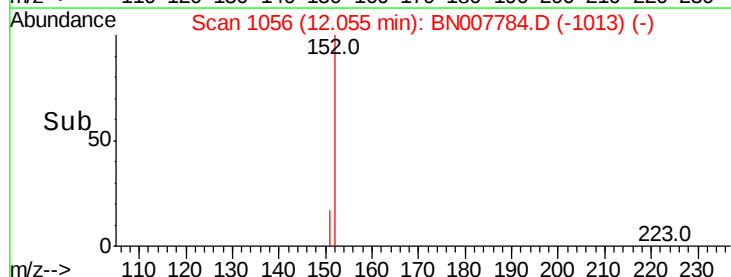
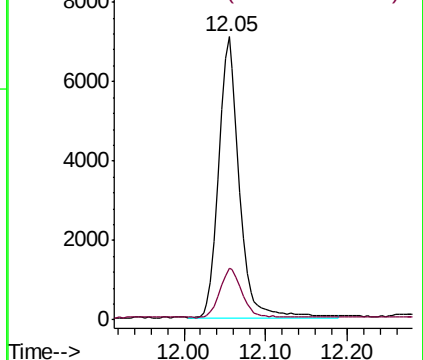
152 100

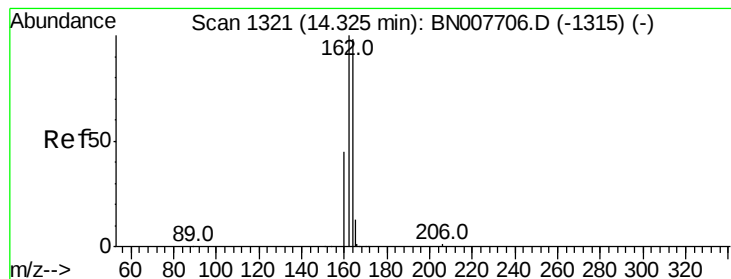
151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

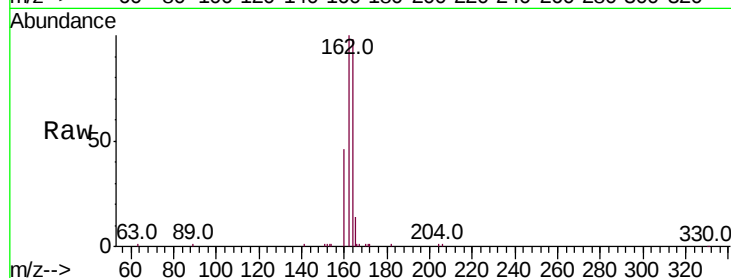
Tot Ion:164 Resp: 13828

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

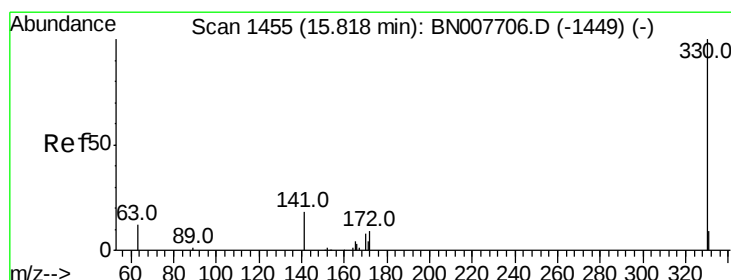
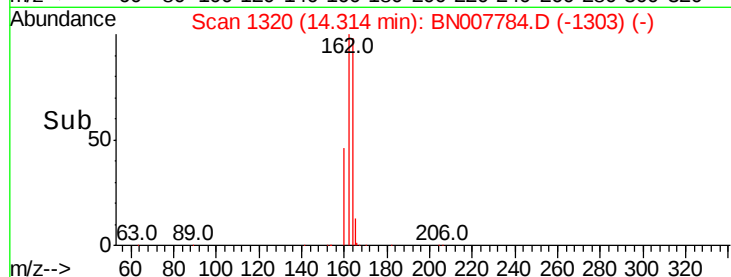
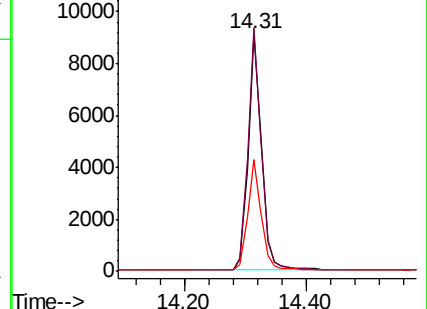
160 46.9 37.0 55.4



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: 0.150 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

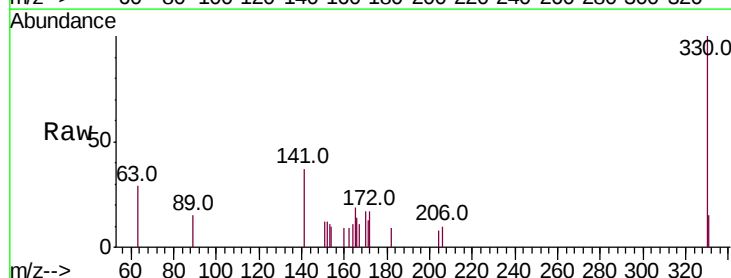
Tgt Ion:330 Resp: 1131

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

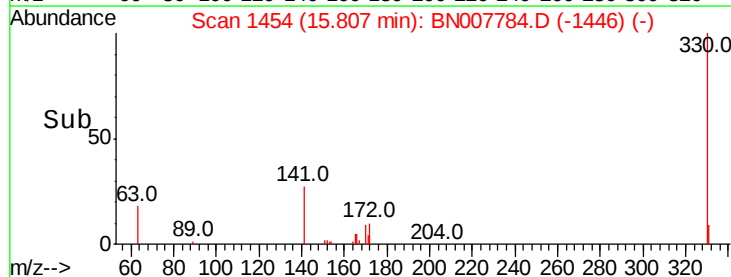
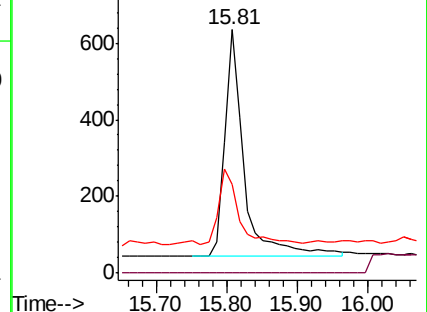
141 35.0 28.7 43.1



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

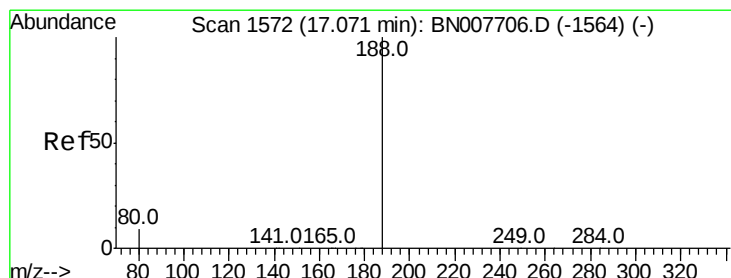
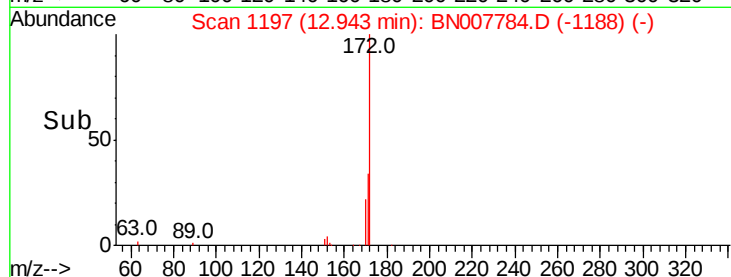
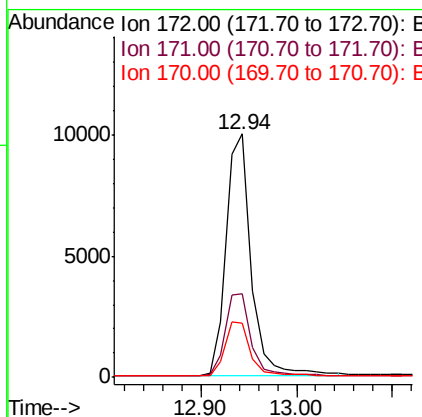
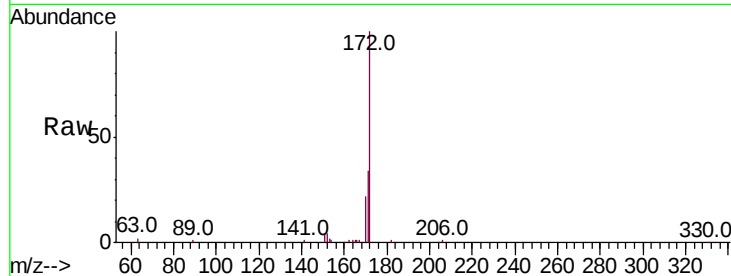




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007784.D
Acq: 21 Sep 2019 04:17

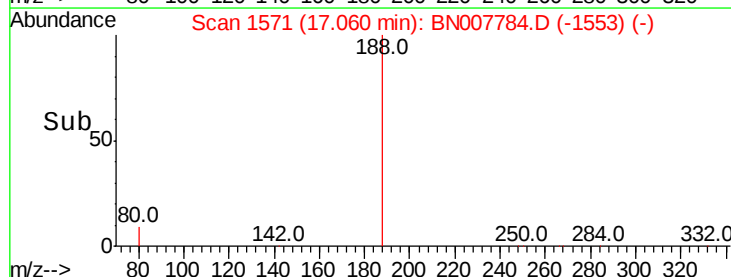
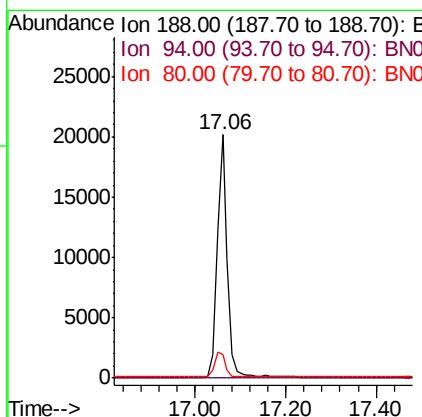
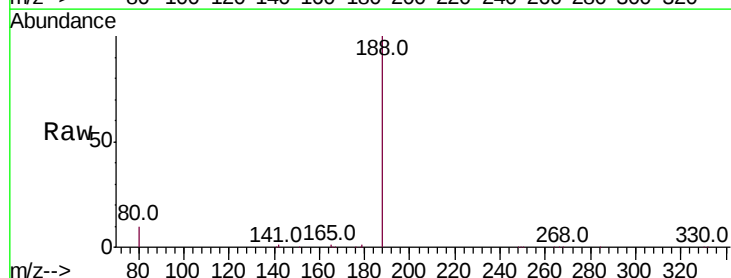
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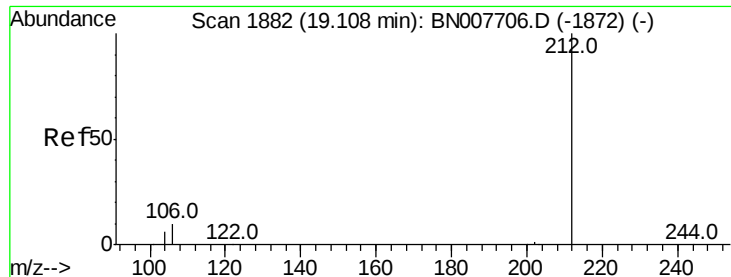
Tot Ion:172 Resp: 18470
Ion Ratio Lower Upper
172 100
171 34.2 28.8 43.2
170 22.0 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007784.D
Acq: 21 Sep 2019 04:17

Tgt Ion:188 Resp: 30926
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.4 11.2

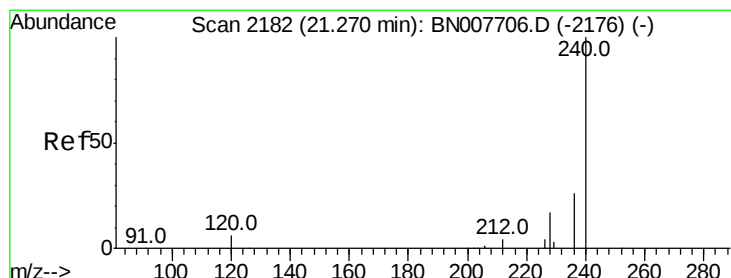
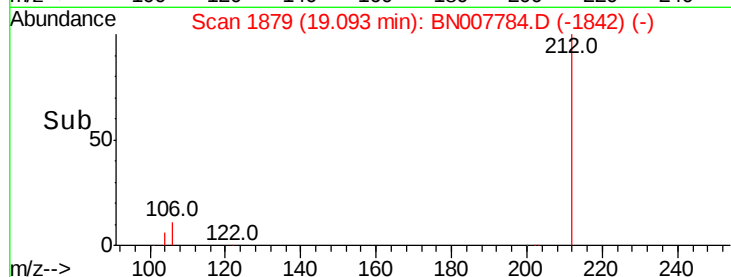
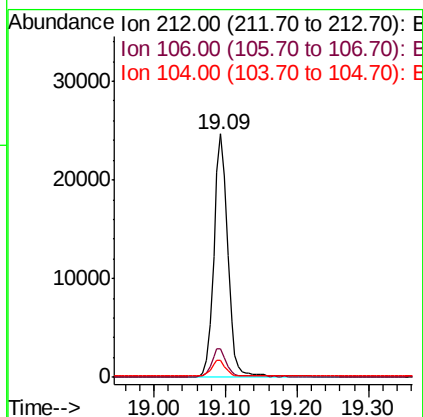
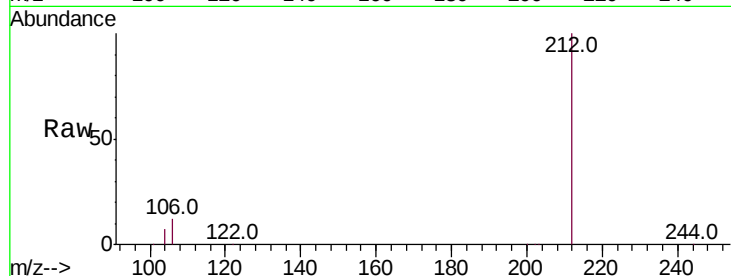




#25
 Fluoranthene-d10
 Concen: 0.314 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007784.D
 Acq: 21 Sep 2019 04:17

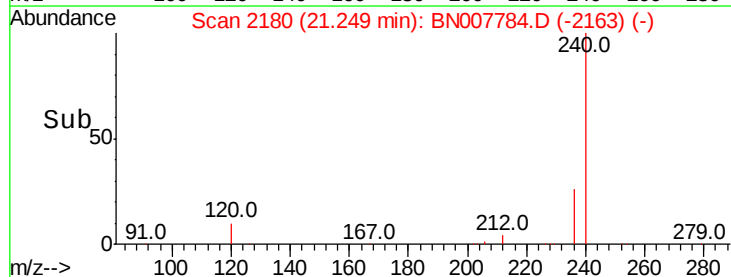
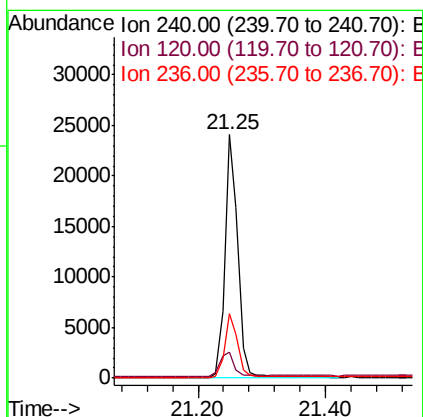
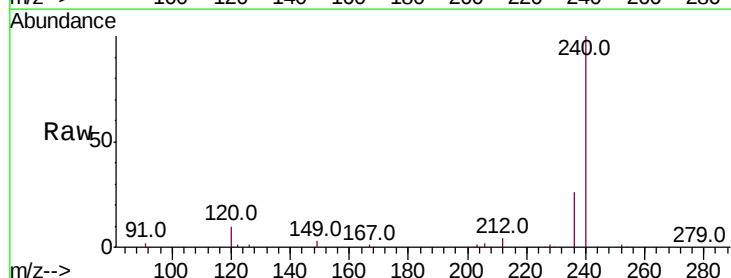
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916

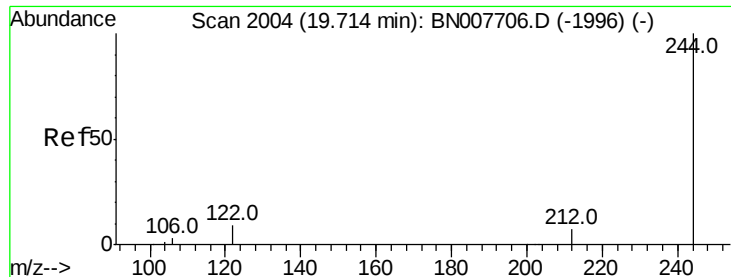
Tot Ion:212 Resp: 32758
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.0
 104 6.8 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN007784.D
 Acq: 21 Sep 2019 04:17

Tgt Ion:240 Resp: 33446
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.4 8.2#
 236 26.4 21.0 31.4





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

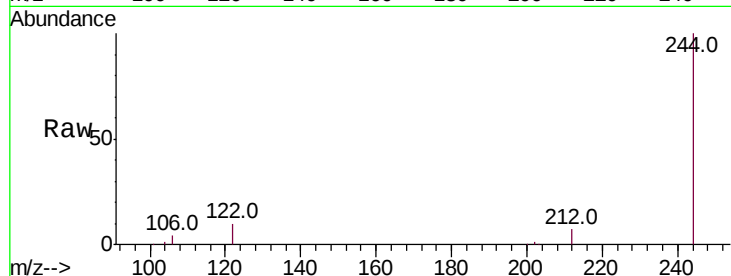
Tot Ion:244 Resp: 28958

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

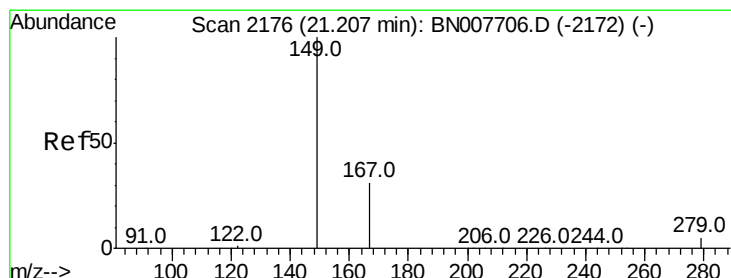
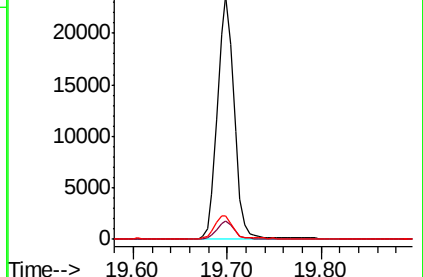
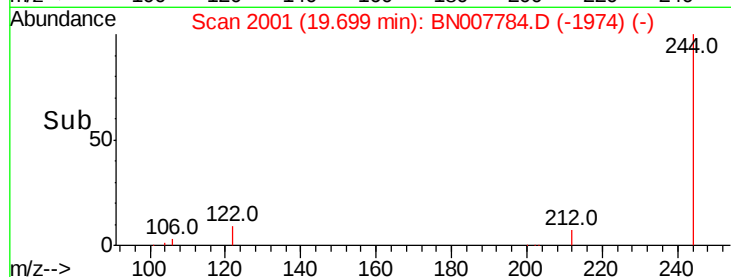
122 9.8 7.4 11.2



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: 0.040 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

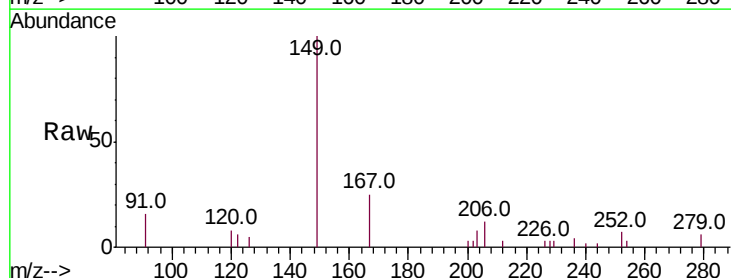
Tgt Ion:149 Resp: 2541

Ion Ratio Lower Upper

149 100

167 23.1 23.7 35.5#

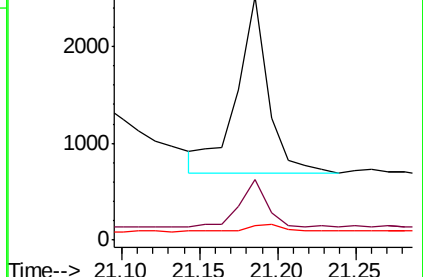
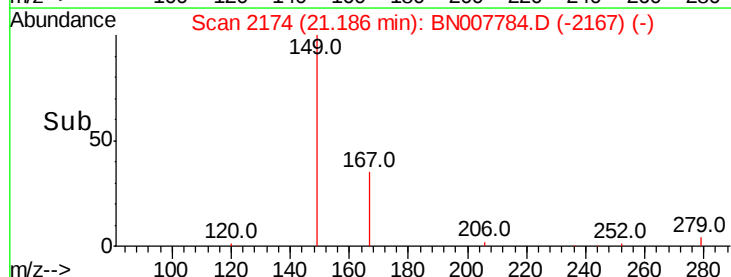
279 3.9 4.2 6.2#

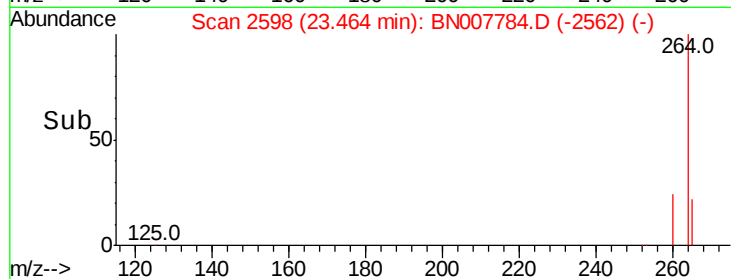
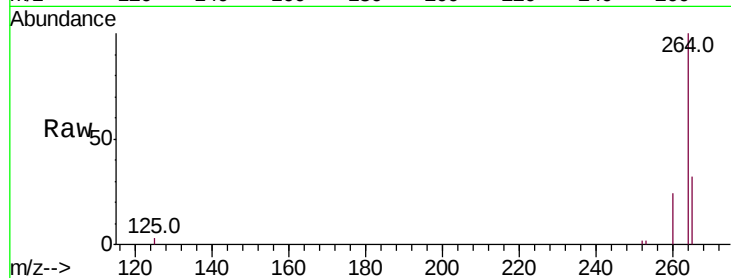
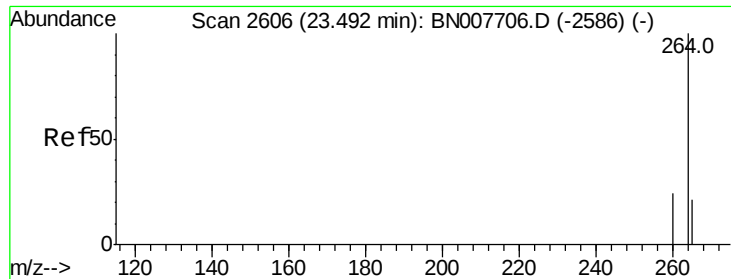


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BN007784.D

Acq: 21 Sep 2019 04:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916

Tot Ion:264 Resp: 35531

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 32.4 26.9 40.3

