

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007892.D
 Acq On : 30 Sep 2019 12:18
 Operator : JU
 Sample : PB123468BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BL

Quant Time: Oct 01 07:07:41 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

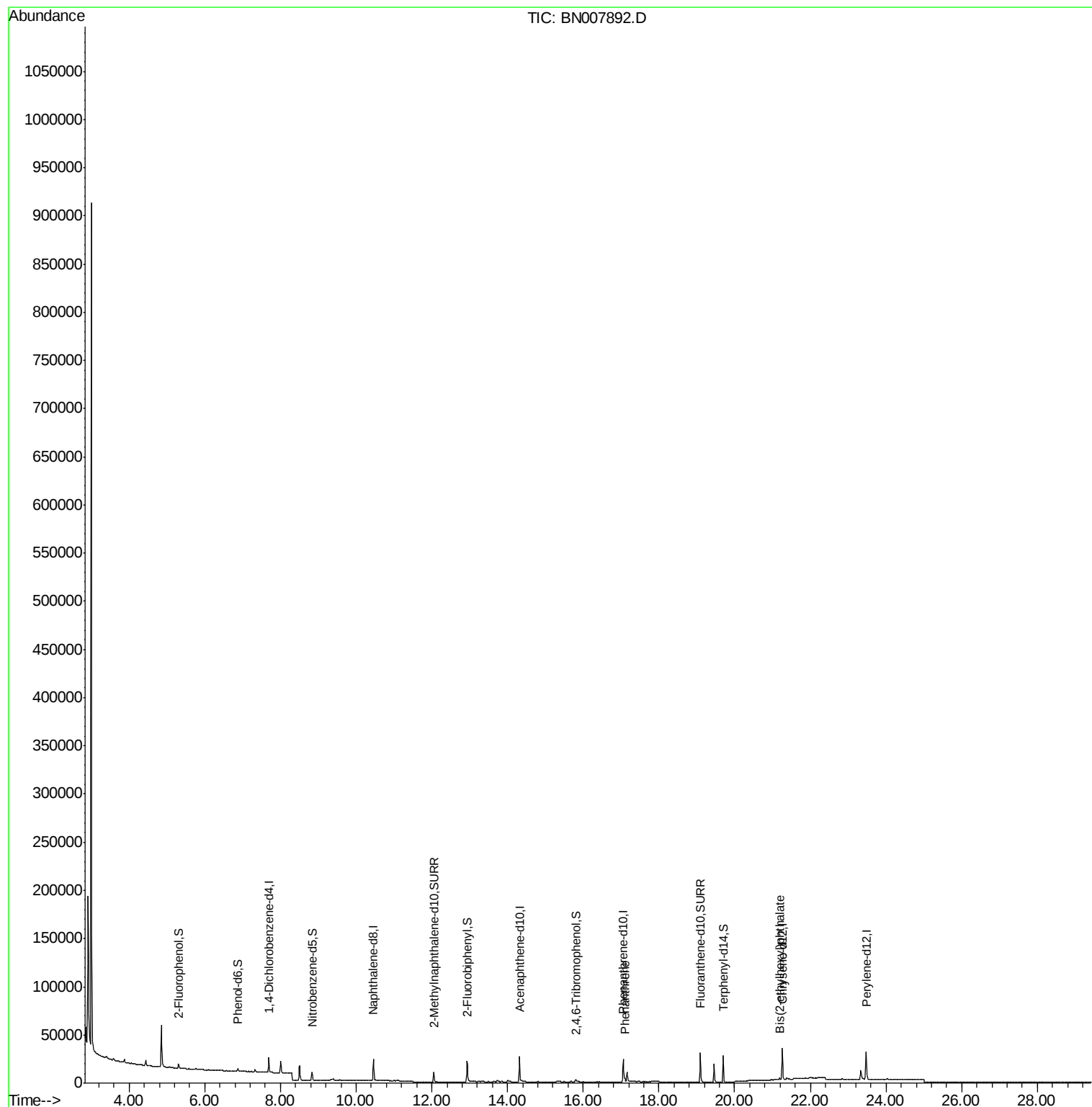
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7605	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	29122	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16629	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32470	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	31390	0.40	ng	-0.01
34) Perylene-d12	23.47	264	37786	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3885	0.15	ng	0.00
5) Phenol-d6	6.87	99	2883	0.08	ng	0.00
8) Nitrobenzene-d5	8.83	82	8878	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	16304	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2127	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	23025	0.34	ng	-0.01
25) Fluoranthene-d10	19.09	212	36462	0.33	ng	-0.01
29) Terphenyl-d14	19.70	244	29859	0.39	ng	-0.01
Target Compounds						Qvalue
23) Phenanthrene	17.10	178	2966	0.029	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	1771	0.030	ng	95

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

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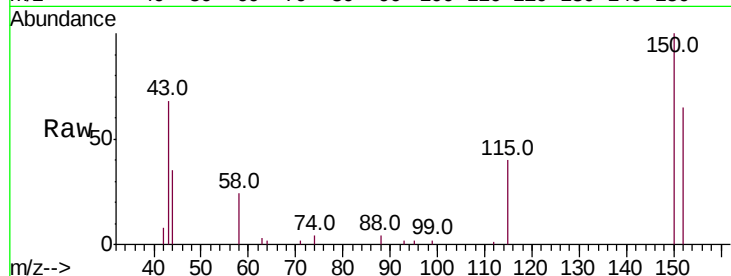


#1

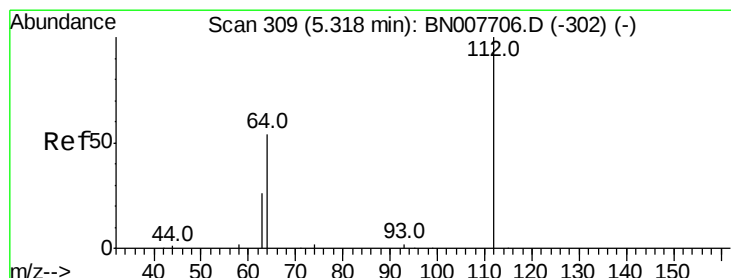
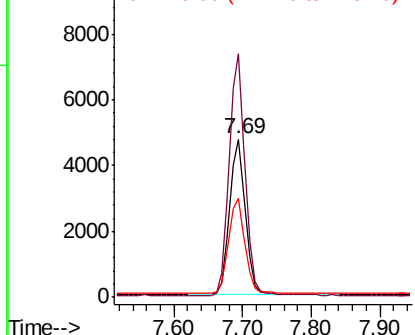
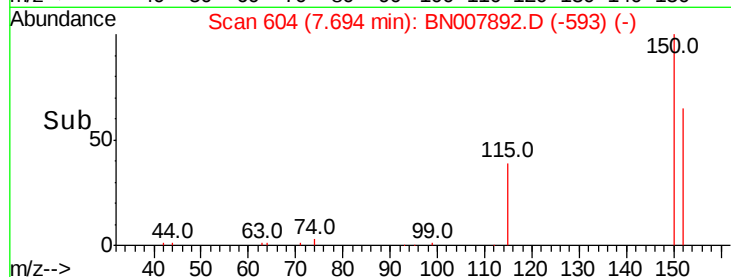
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007892.D
Acq: 30 Sep 2019 12:18

Instrument :
BNA_N
ClientSampleId :
PB123468BL

Tot Ion:152 Resp: 7605
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 62.3 53.3 79.9



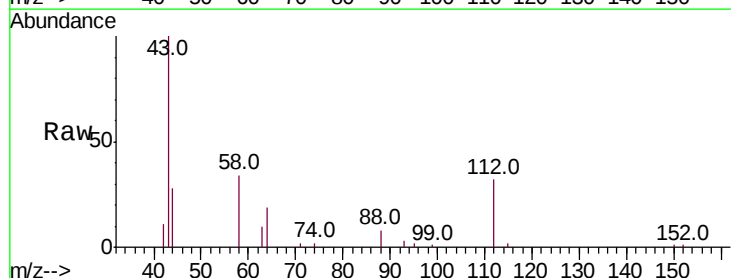
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



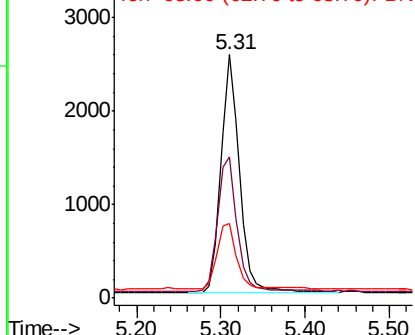
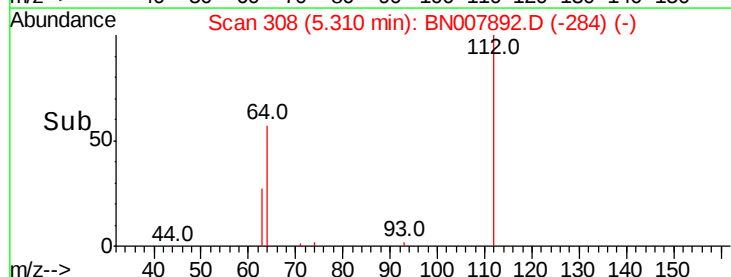
#4

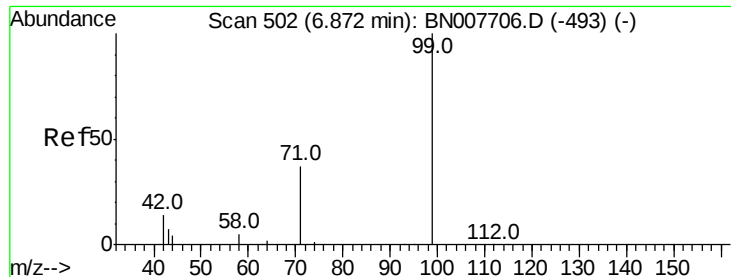
2-Fluorophenol
Concen: 0.148 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007892.D
Acq: 30 Sep 2019 12:18

Tgt Ion:112 Resp: 3885
Ion Ratio Lower Upper
112 100
64 60.6 46.6 70.0
63 28.8 23.1 34.7



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: 0.083 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

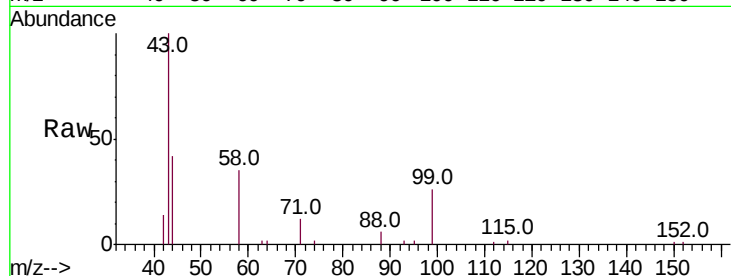
Tot Ion: 99 Resp: 2883

Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

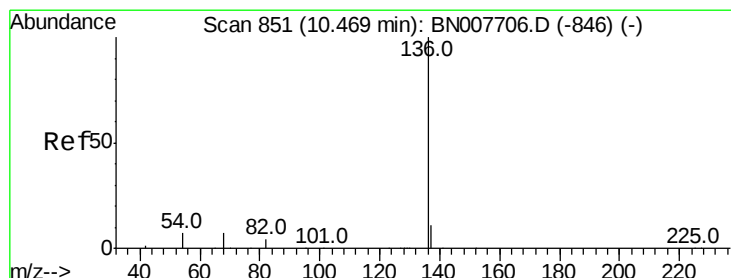
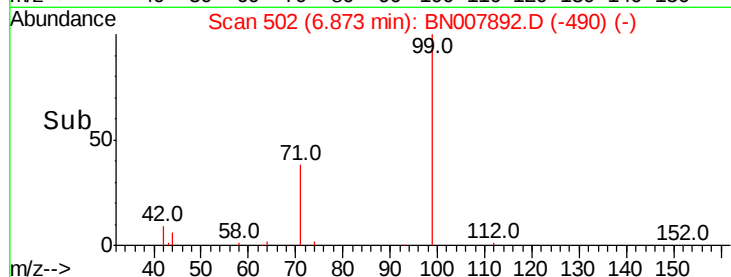
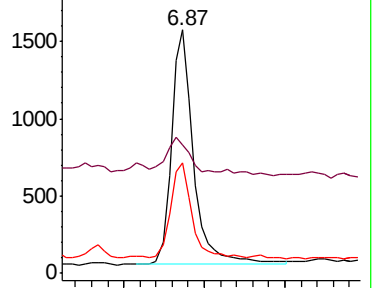
71 39.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Tgt Ion: 136 Resp: 29122

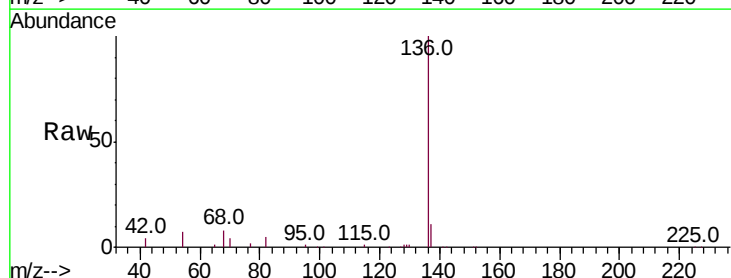
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.4 5.8 8.8

68 7.7 6.5 9.7

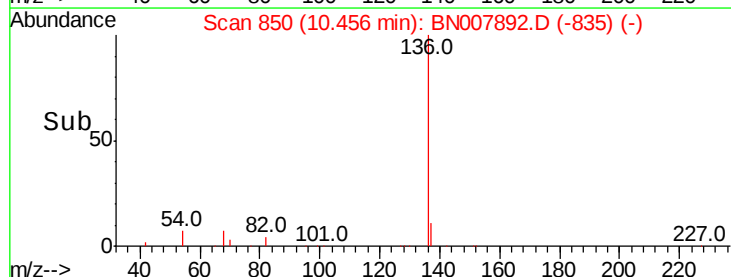
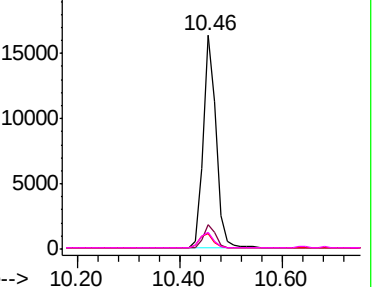


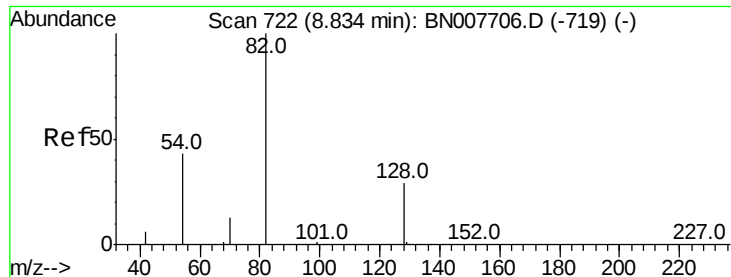
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

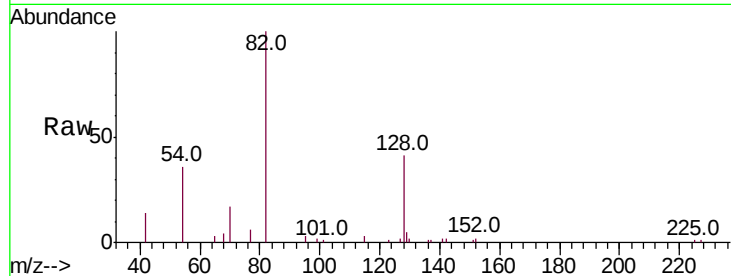




#8
 Nitrobenzene-d5
 Concen: 0.349 ng
 RT: 8.83 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BL

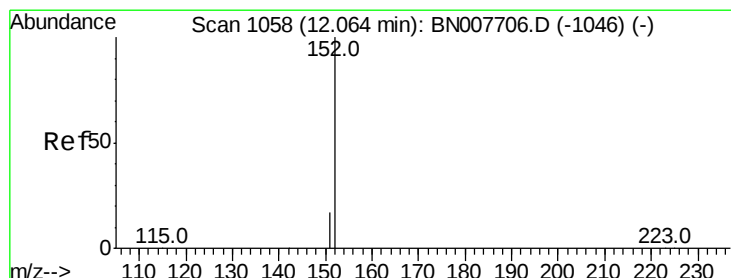
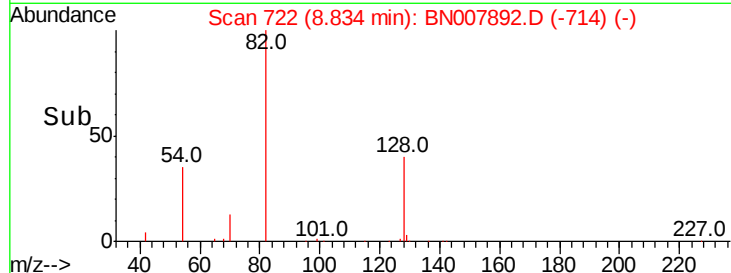
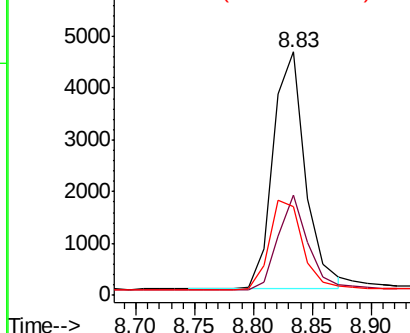
Tot Ion	82	Resp	8878
Ion Ratio	Lower	Upper	
82	100		
128	41.2	24.5	36.7#
54	36.2	35.2	52.8



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

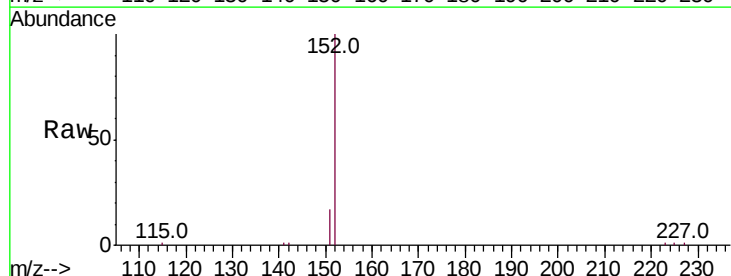
Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

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



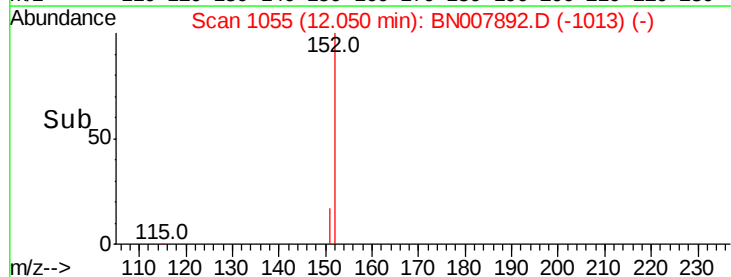
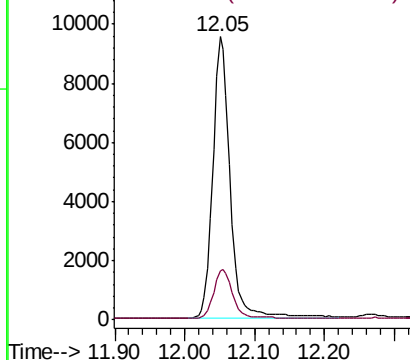
#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

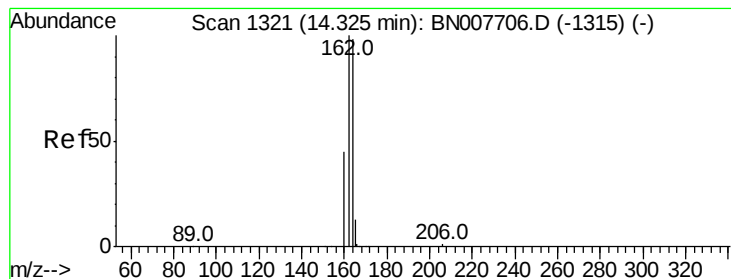
Tgt Ion	152	Resp	16304
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.4	23.2



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: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

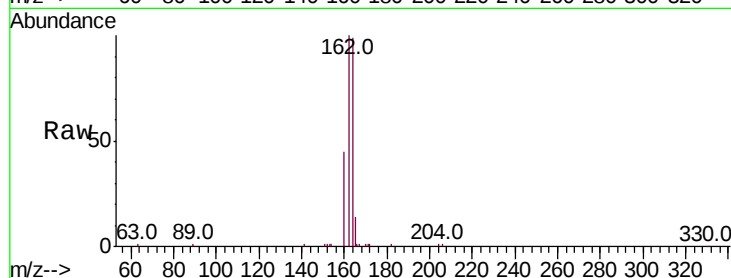
Tot Ion:164 Resp: 16629

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

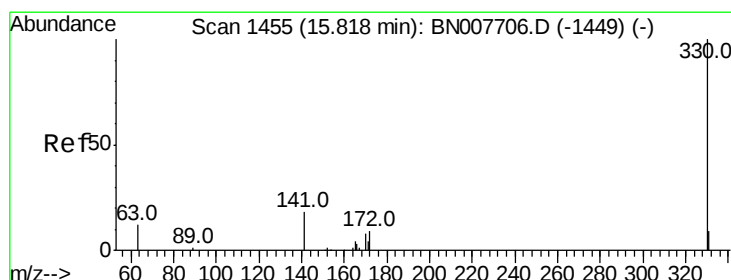
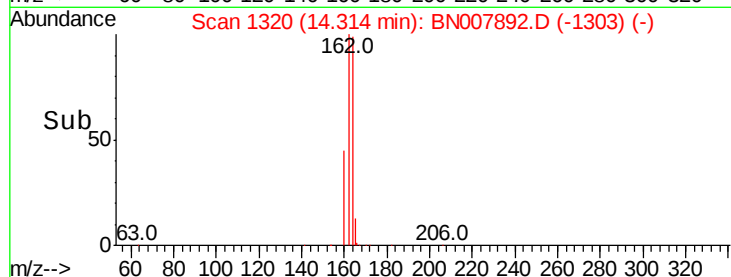
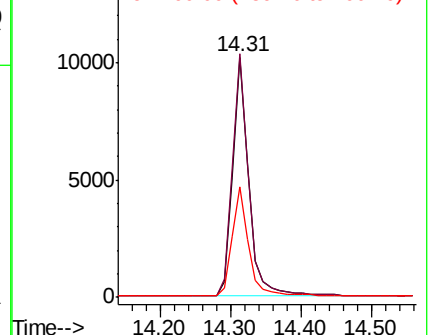
160 46.0 37.0 55.4



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: 0.235 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

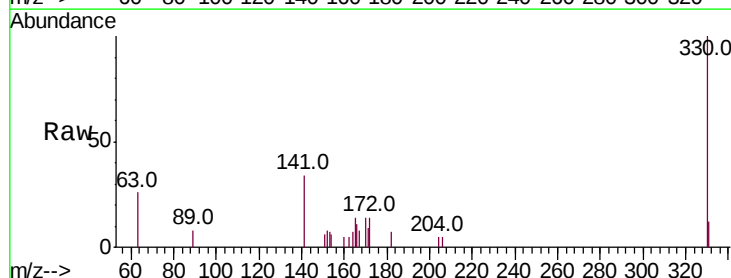
Tgt Ion:330 Resp: 2127

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

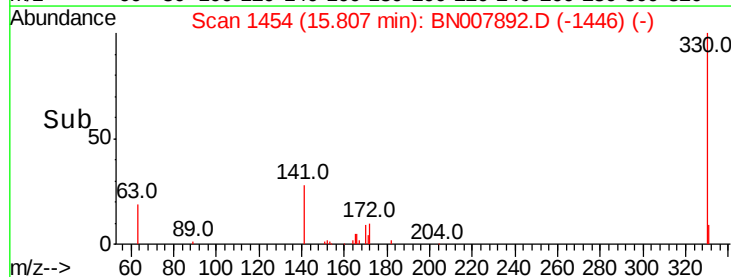
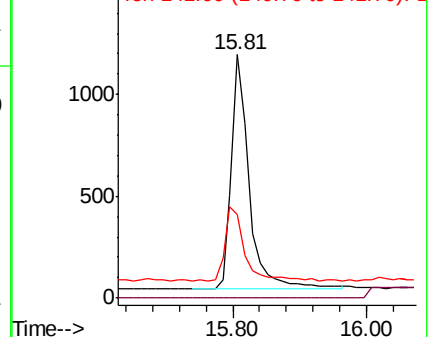
141 35.2 28.7 43.1

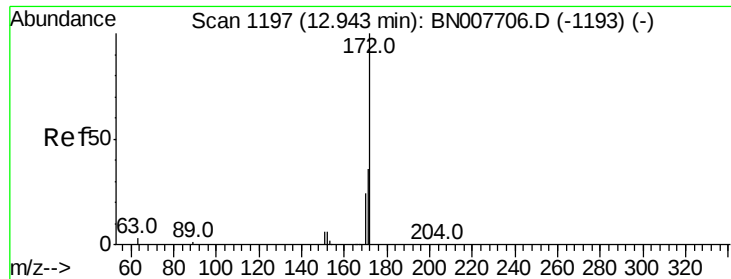


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

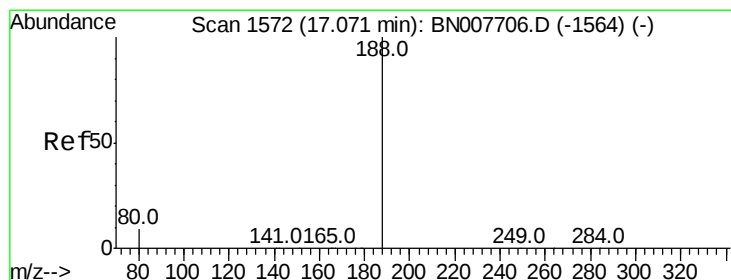
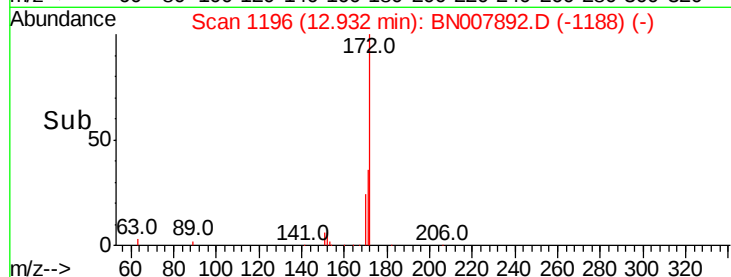
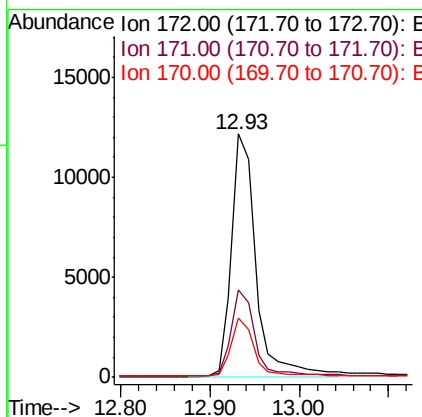
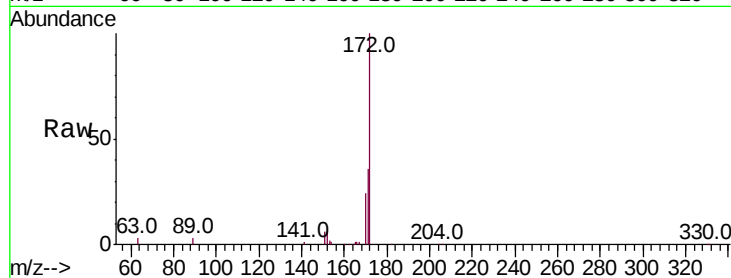




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007892.D
Acq: 30 Sep 2019 12:18

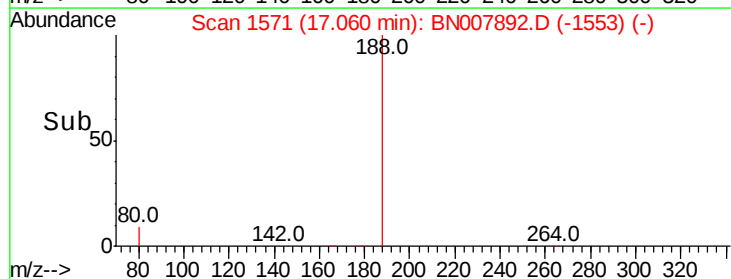
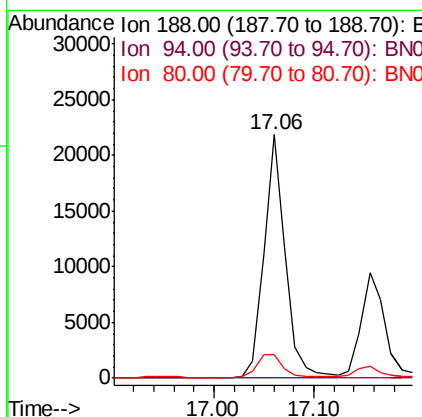
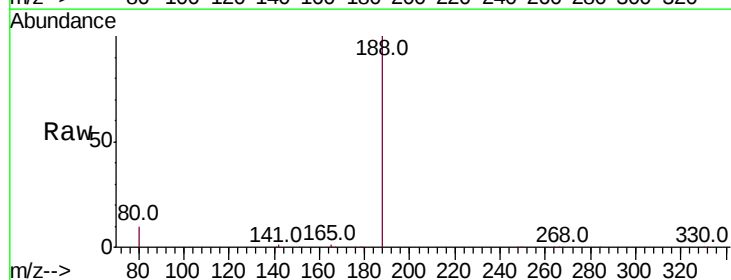
Instrument :
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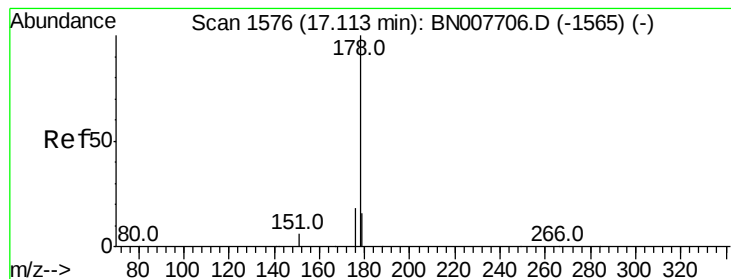
Tot Ion:172 Resp: 23025
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007892.D
Acq: 30 Sep 2019 12:18

Tgt Ion:188 Resp: 32470
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.4 11.2





#23

Phenanthrene

Concen: 0.029 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

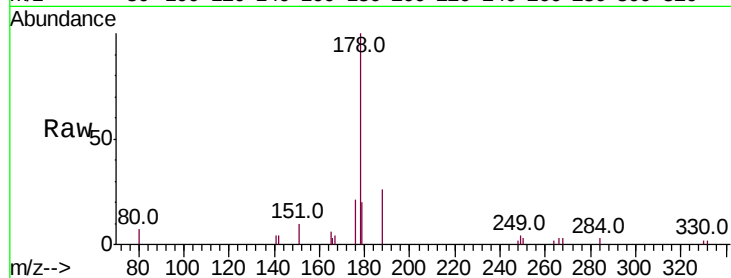
BNA_N

ClientSampleId :

PB123468BL

Tot Ion:178 Resp: 2966

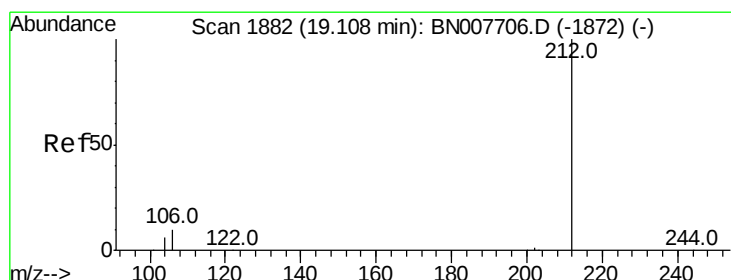
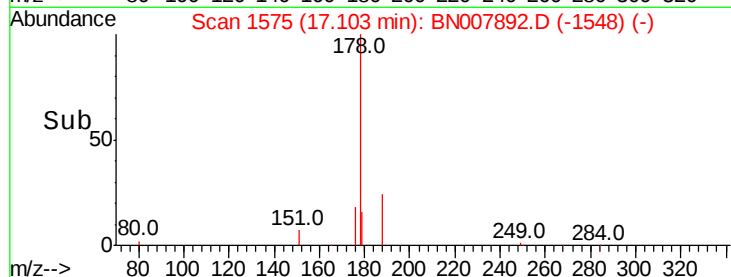
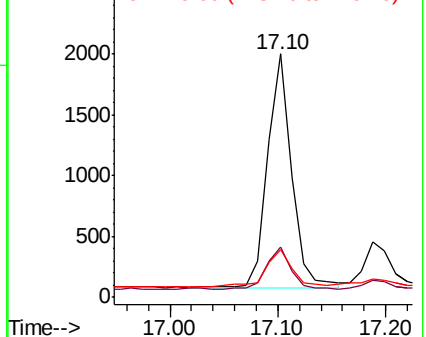
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	17.3	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.09 min Scan# 1879

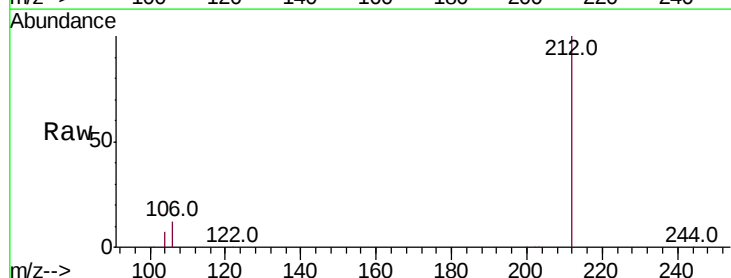
Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Tgt Ion:212 Resp: 36462

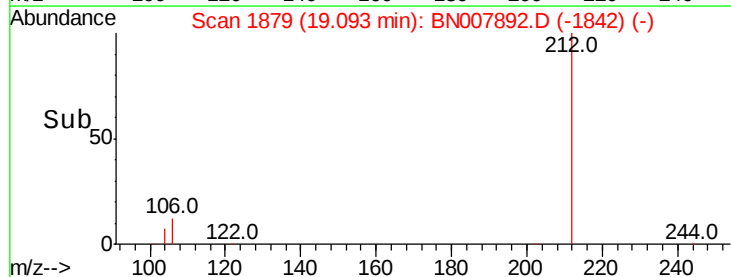
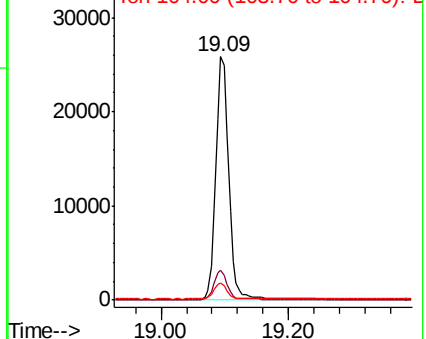
Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.4	14.0
104	6.5	5.3	7.9

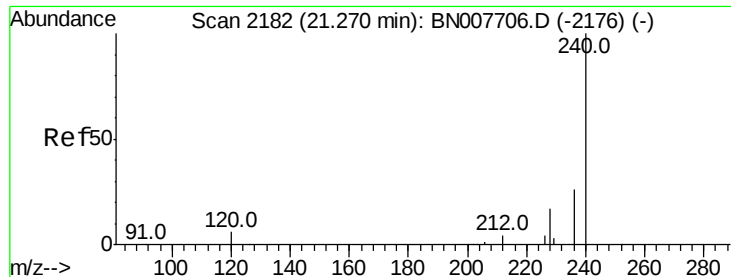


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

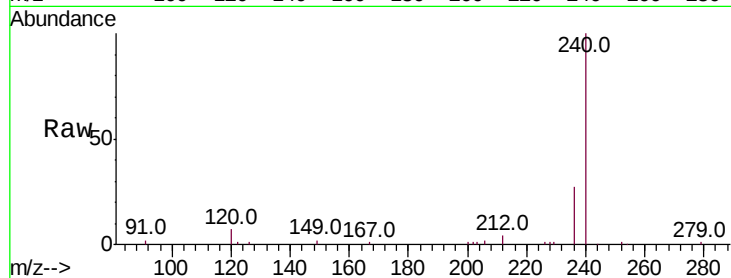
Tot Ion:240 Resp: 31390

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.2

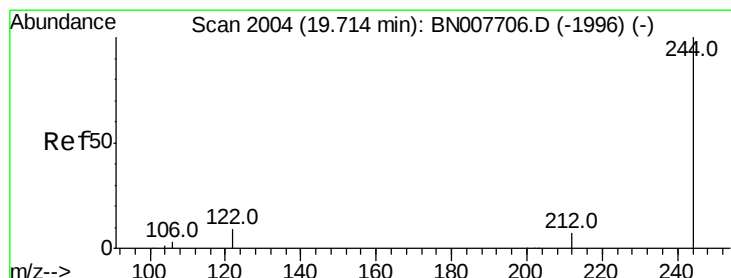
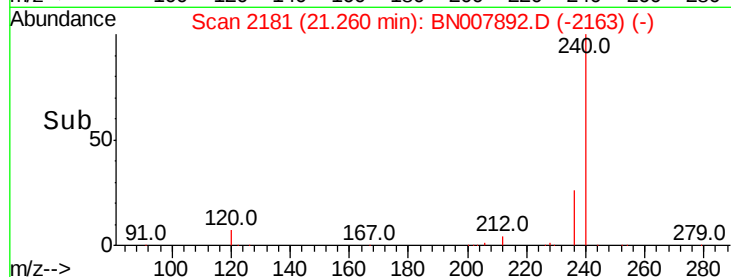
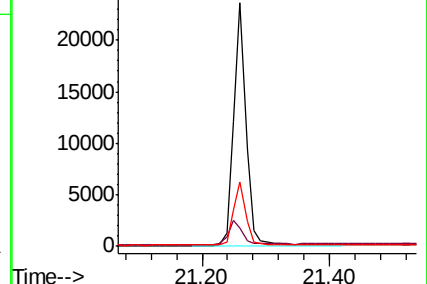
236 26.5 21.0 31.4



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: 0.387 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

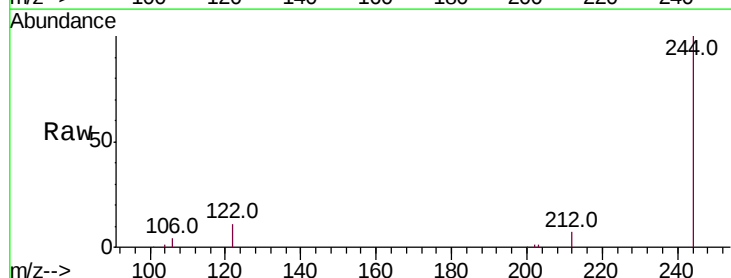
Tgt Ion:244 Resp: 29859

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

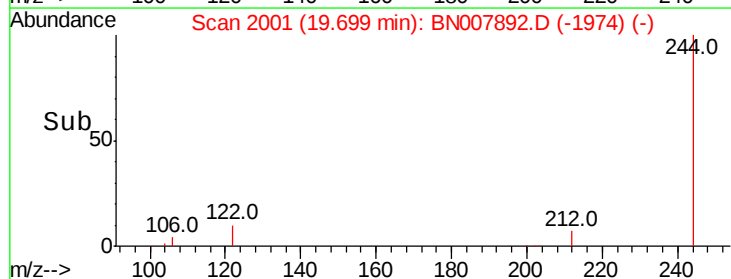
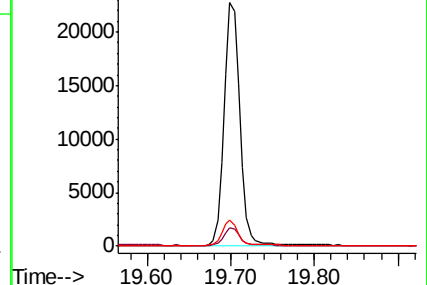
122 10.6 7.4 11.2

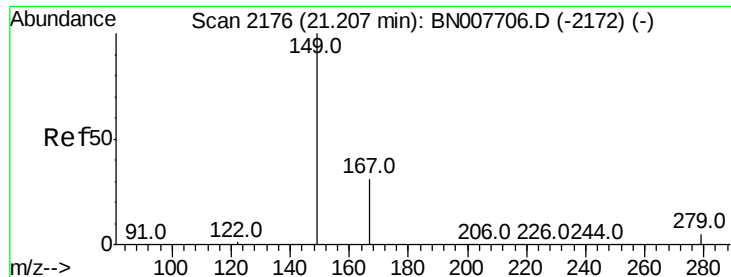


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

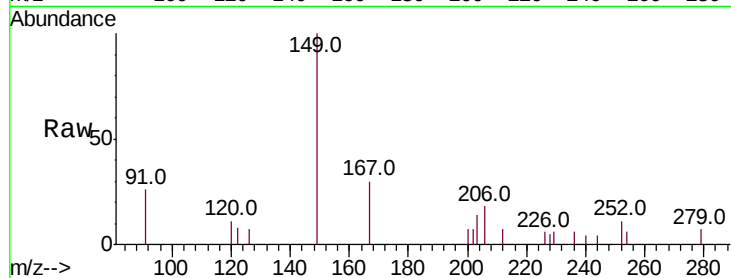
Tot Ion:149 Resp: 1771

Ion Ratio Lower Upper

149 100

167 26.9 23.7 35.5

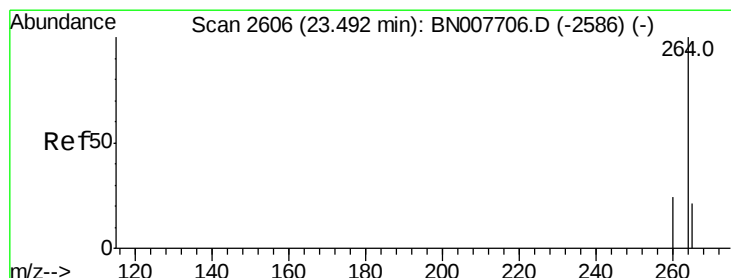
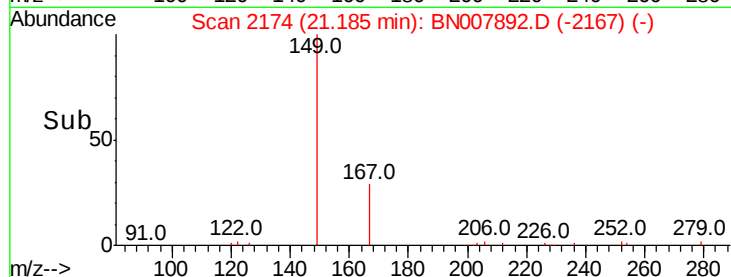
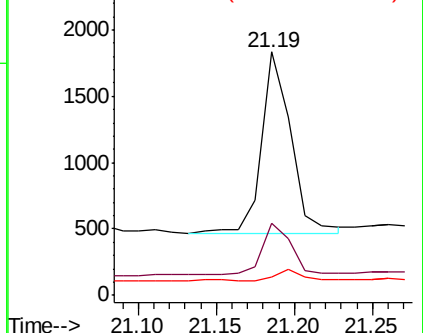
279 6.1 4.2 6.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

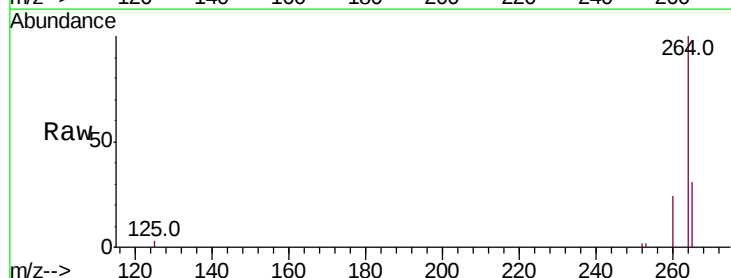
Tgt Ion:264 Resp: 37786

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.3 26.9 40.3



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

