

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004878.D
 Acq On : 22 Mar 2019 07:44
 Operator : JU/SJ
 Sample : K2013-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-SW034-031819

Quant Time: Mar 22 22:17:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

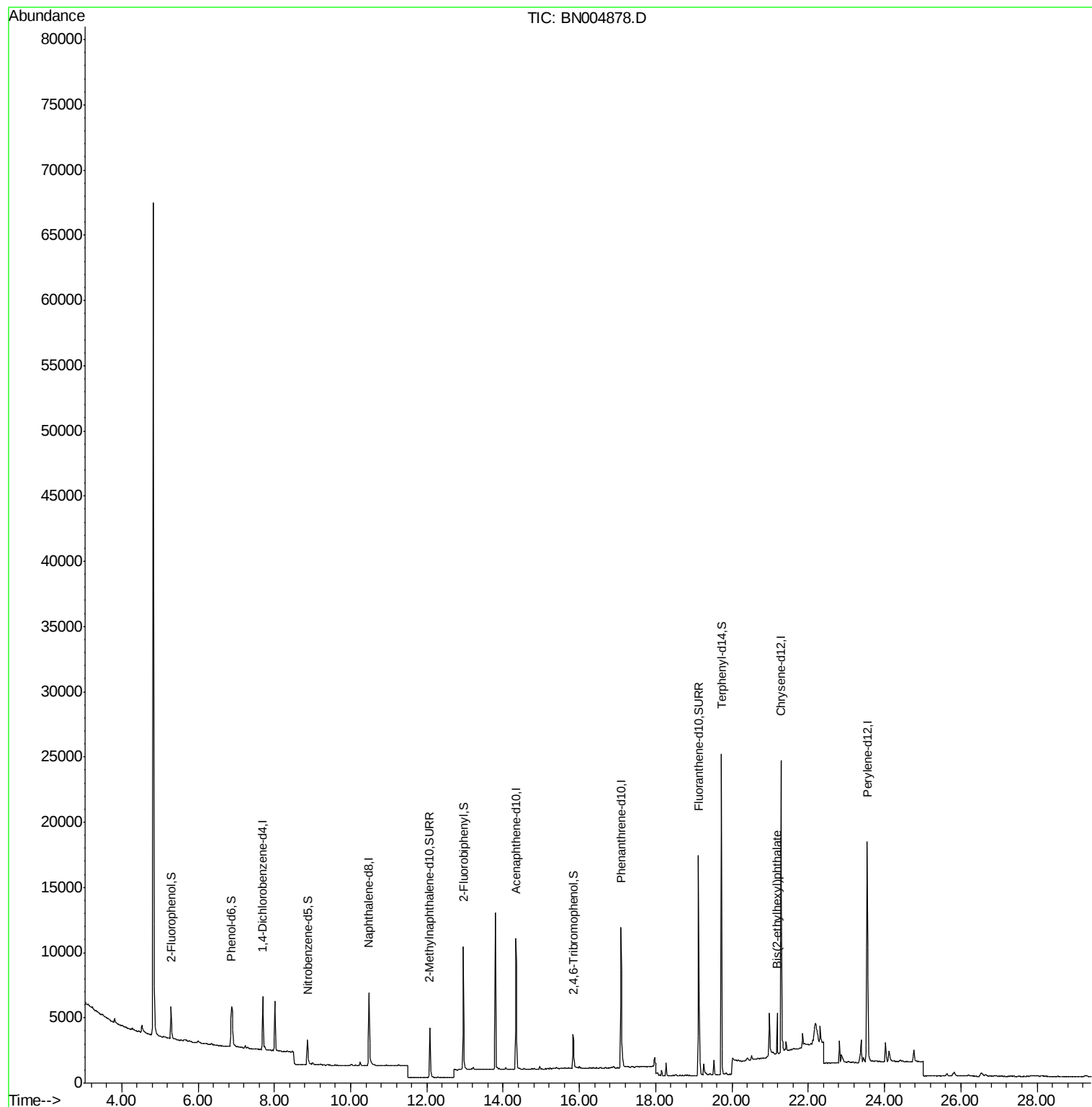
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2045	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	9355	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6016	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	15766	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20981	0.40	ng	0.00
34) Perylene-d12	23.54	264	23658	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	2439	0.44	ng	0.00
5) Phenol-d6	6.87	99	3393	0.49	ng	0.00
8) Nitrobenzene-d5	8.87	82	2185	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5992	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	2828	0.68	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	10158	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	19433	0.37	ng	0.00
29) Terphenyl-d14	19.72	244	25448	0.59	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.18	149	2846	0.104	ng	99

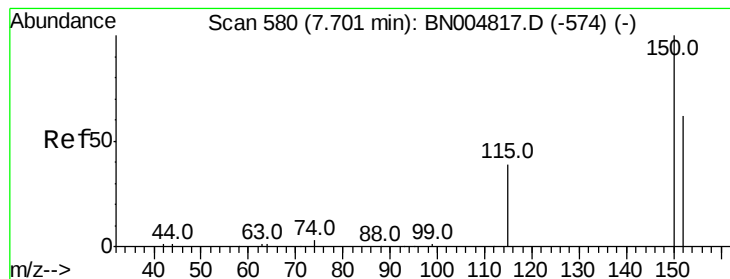
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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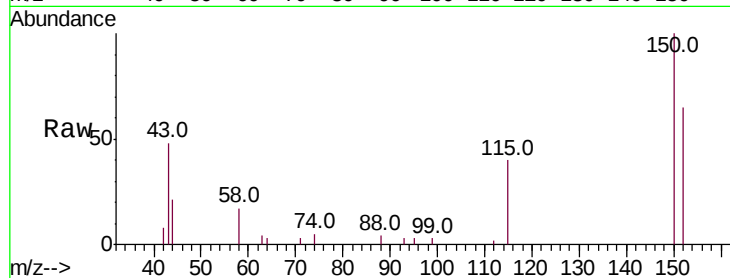


#1

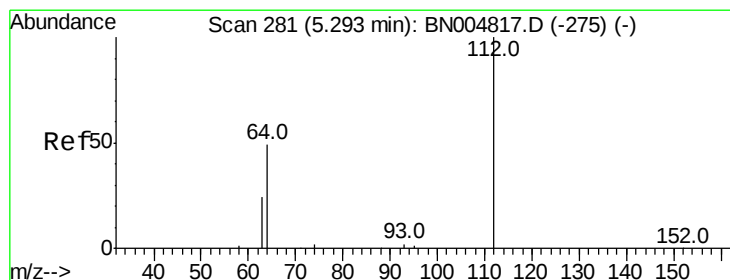
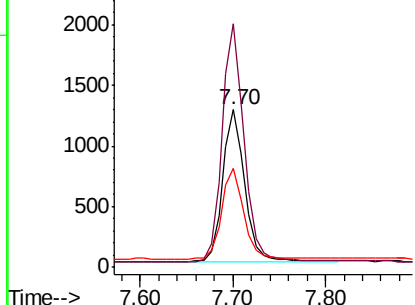
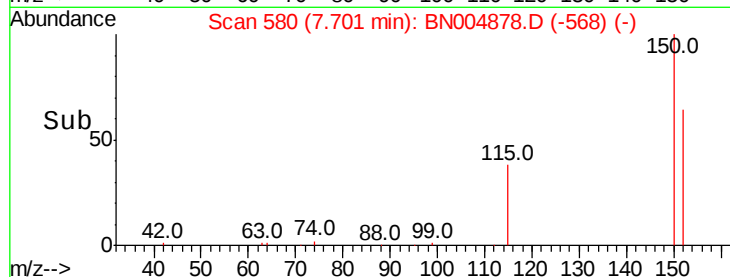
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004878.D
Acq: 22 Mar 2019 07:44

Instrument :
BNA_N
ClientSampleId :
PST-026-SW034-031819

Tot Ion:152 Resp: 2045
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 62.6 52.6 79.0



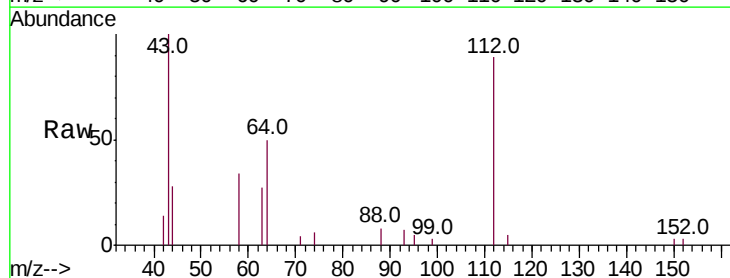
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



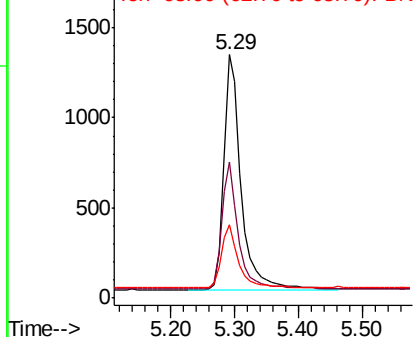
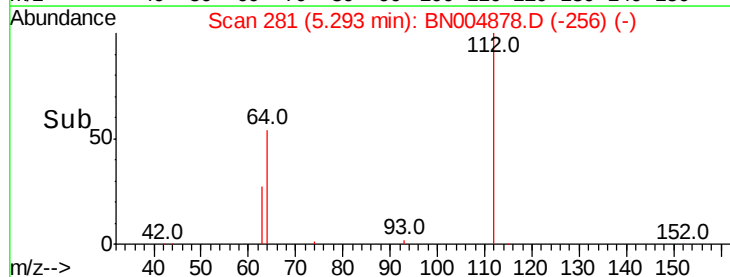
#4

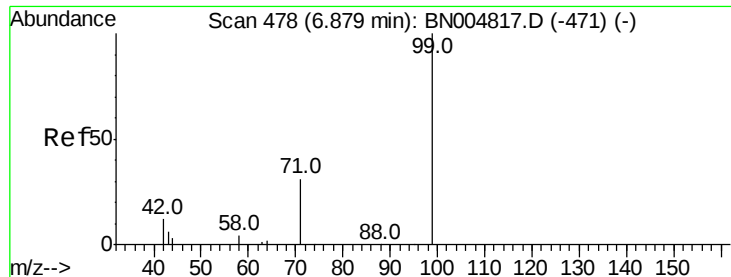
2-Fluorophenol
Concen: 0.439 ng
RT: 5.29 min Scan# 281
Delta R.T. 0.00 min
Lab File: BN004878.D
Acq: 22 Mar 2019 07:44

Tgt Ion:112 Resp: 2439
Ion Ratio Lower Upper
112 100
64 51.3 40.0 60.0
63 26.3 20.2 30.2



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: 0.490 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

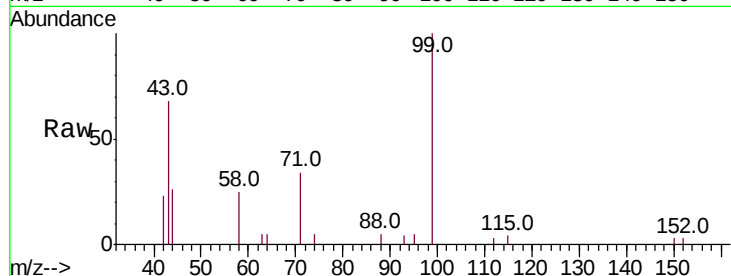
Tot Ion: 99 Resp: 3393

Ion Ratio Lower Upper

99 100

42 20.8 12.7 19.1#

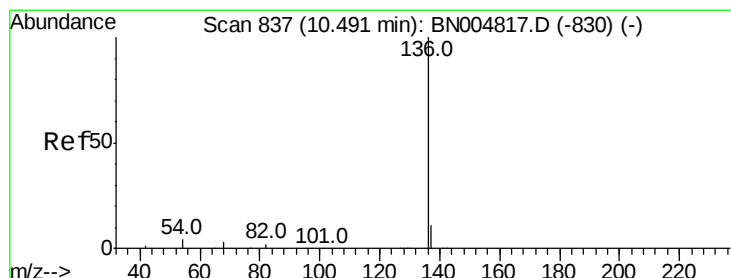
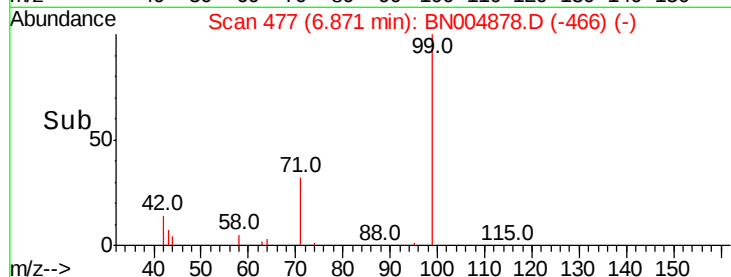
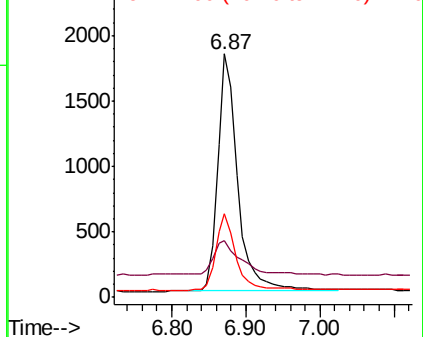
71 32.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Tgt Ion: 136 Resp: 9355

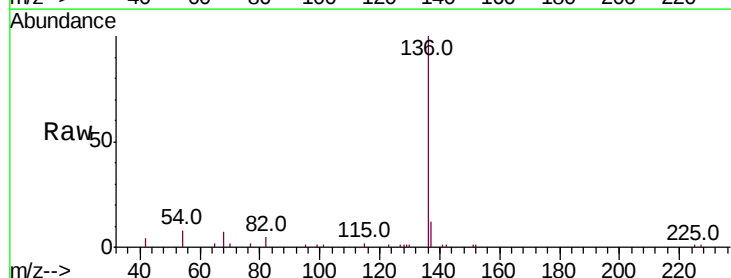
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 8.2 4.2 6.2#

68 6.9 3.9 5.9#

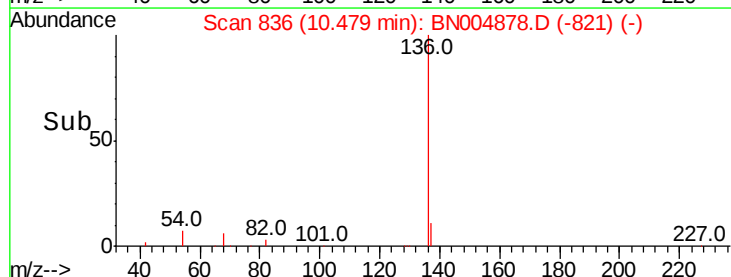
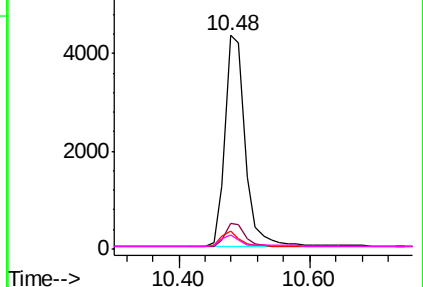


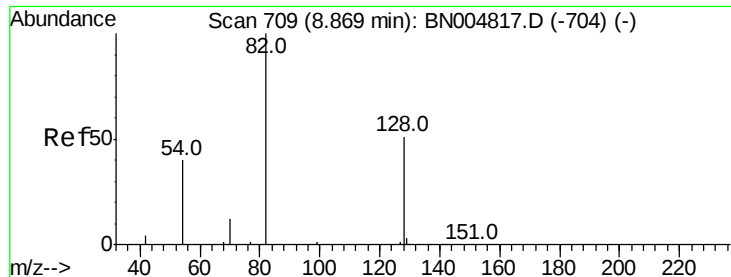
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)





#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

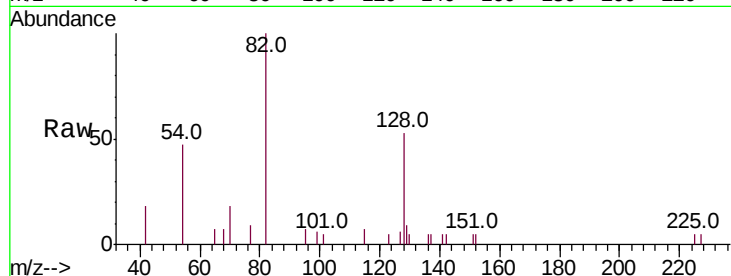
Tot Ion: 82 Resp: 2185

Ion Ratio Lower Upper

82 100

128 52.9 43.0 64.6

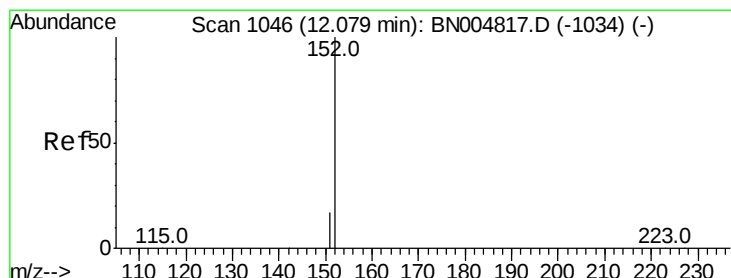
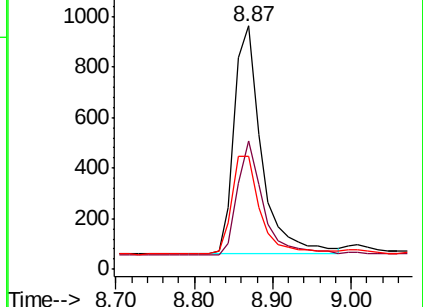
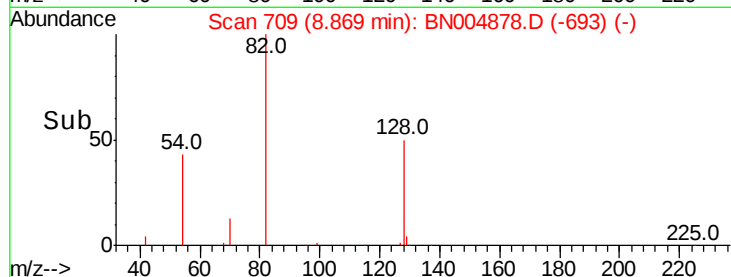
54 46.6 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004878.D (-693) (-)

Ion 128.00 (127.70 to 128.70): BN004878.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN004878.D (-693) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.08 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN004878.D

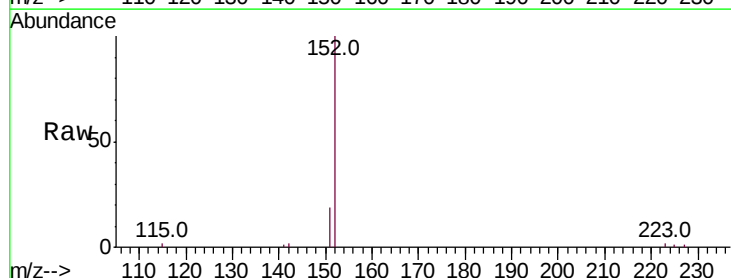
Acq: 22 Mar 2019 07:44

Tgt Ion: 152 Resp: 5992

Ion Ratio Lower Upper

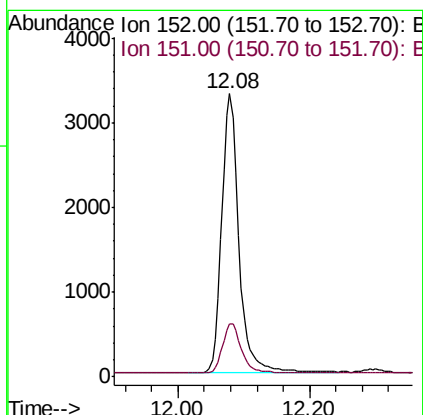
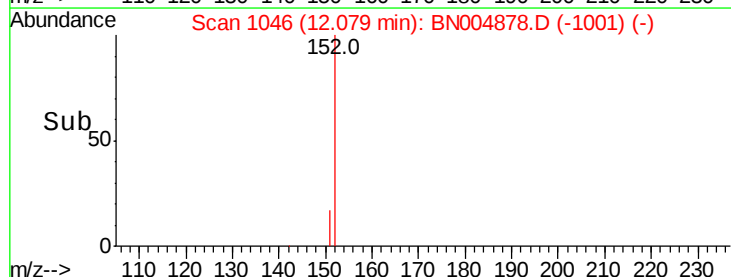
152 100

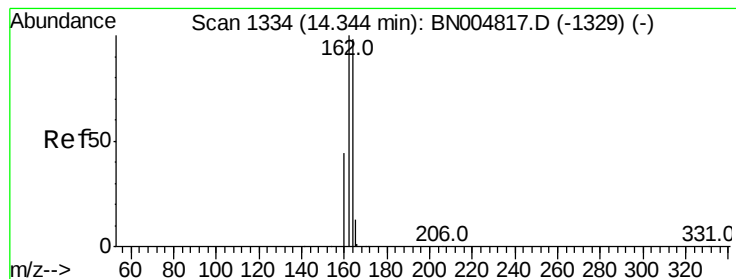
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004878.D (-1001) (-)

Ion 151.00 (150.70 to 151.70): BN004878.D (-1001) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

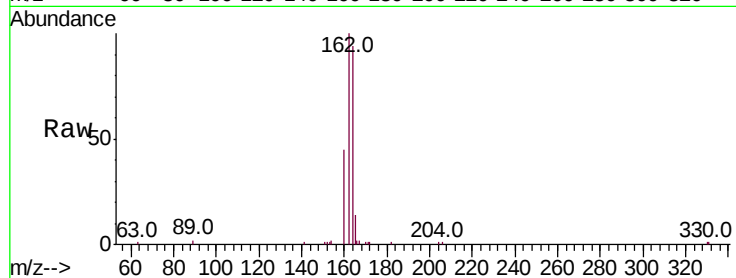
Tot Ion:164 Resp: 6016

Ion Ratio Lower Upper

164 100

162 106.6 81.9 122.9

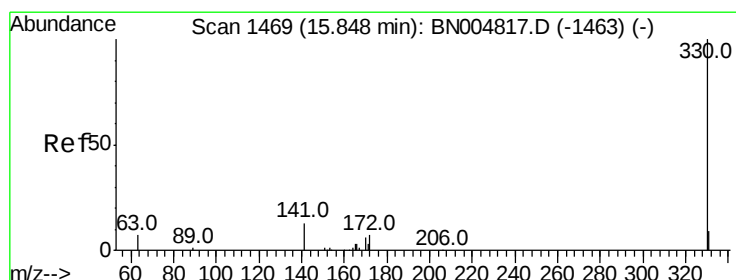
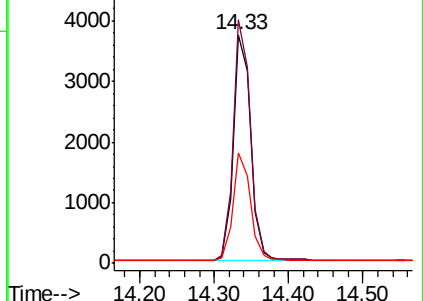
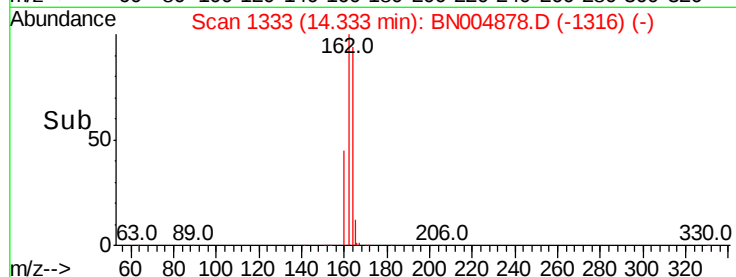
160 48.3 36.6 54.8



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: 0.681 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

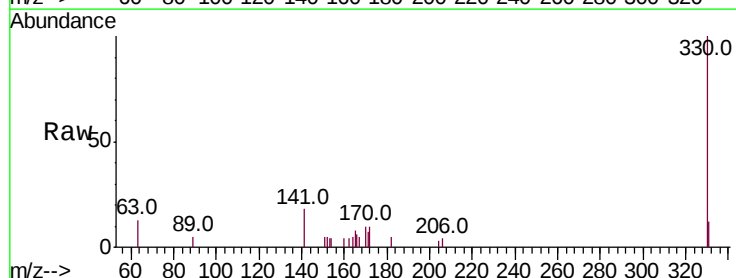
Tgt Ion:330 Resp: 2828

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

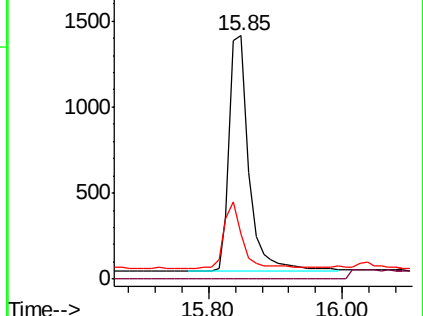
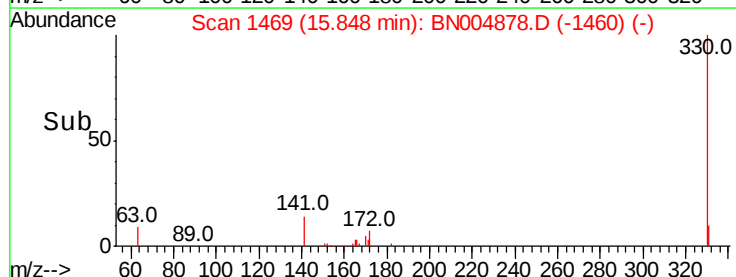
141 27.3 20.9 31.3

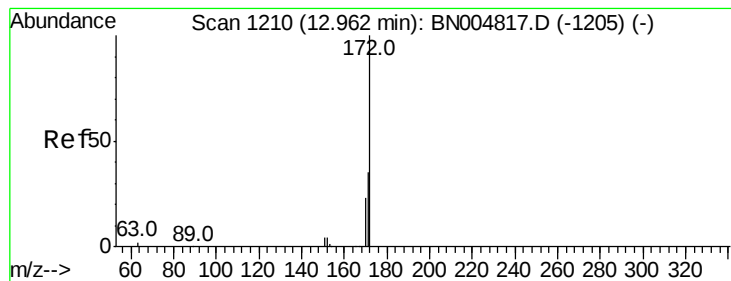


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.409 ng

RT: 12.96 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

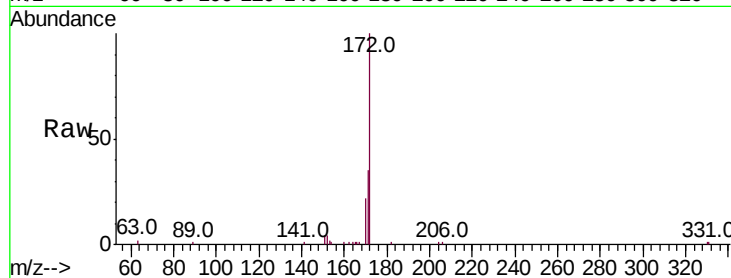
BNA_N

ClientSampleId :

PST-026-SW034-031819

Tot Ion:172 Resp: 10158

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.3	18.7	28.1

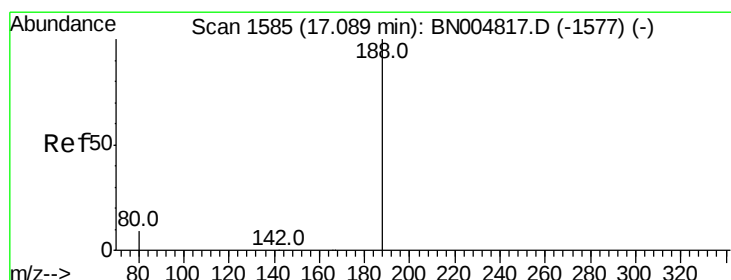
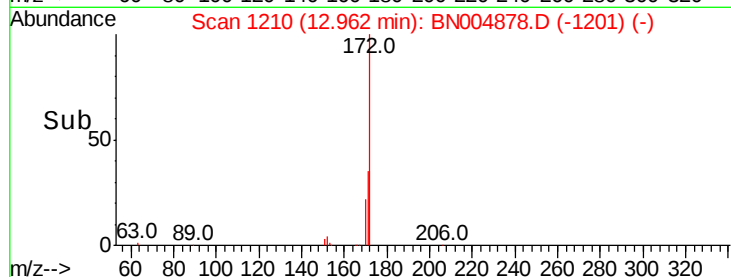
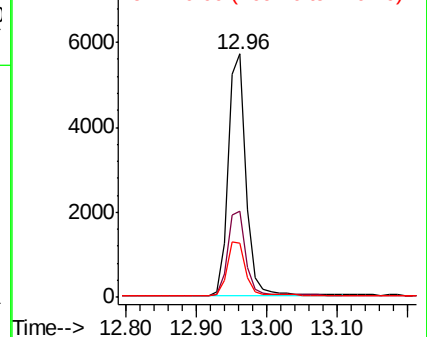


Abundance

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: 17.09 min Scan# 1585

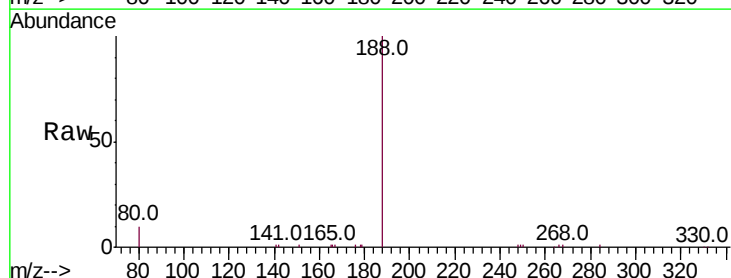
Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Tgt Ion:188 Resp: 15766

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2

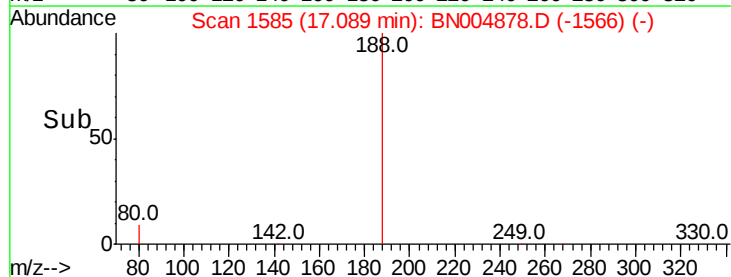
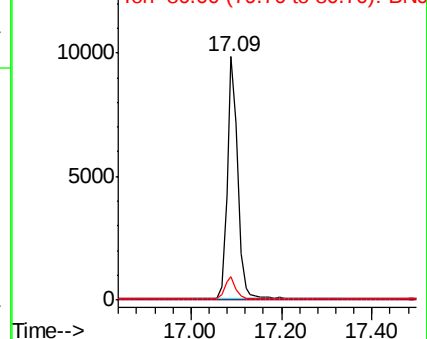


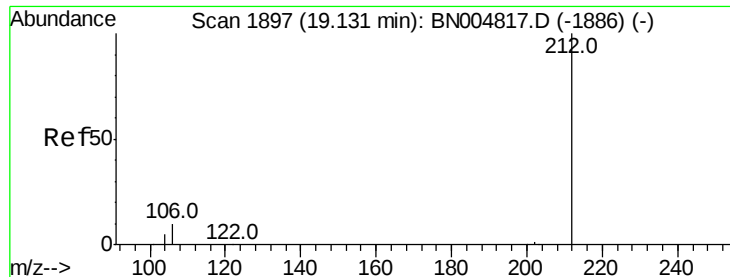
Abundance

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





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

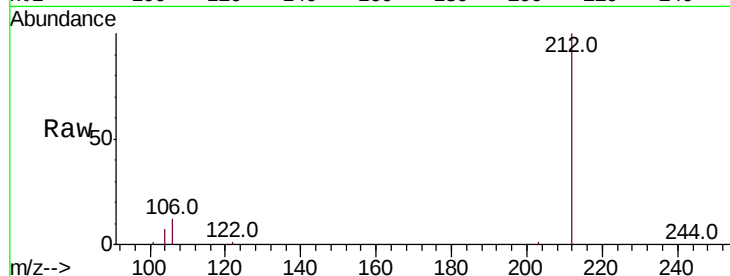
Tot Ion:212 Resp: 19433

Ion Ratio Lower Upper

212 100

106 11.2 8.6 13.0

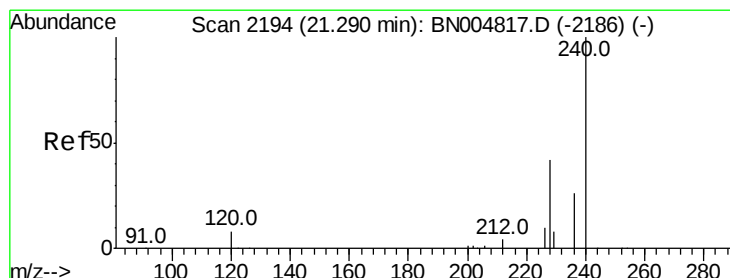
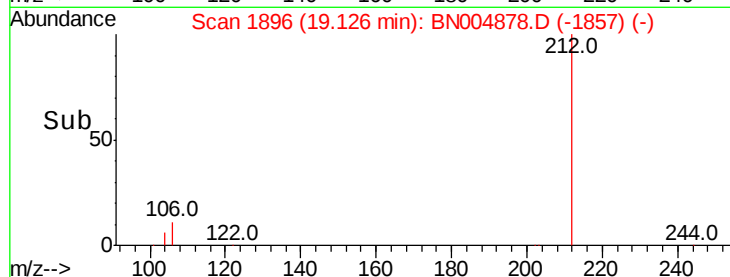
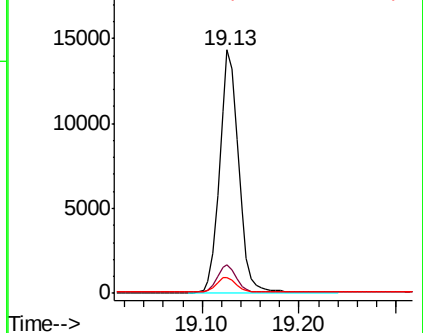
104 6.2 4.7 7.1



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: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

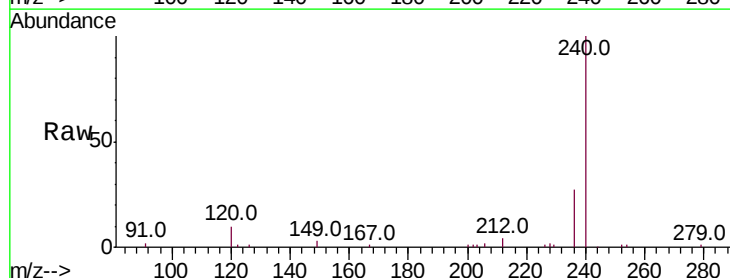
Tgt Ion:240 Resp: 20981

Ion Ratio Lower Upper

240 100

120 9.6 7.2 10.8

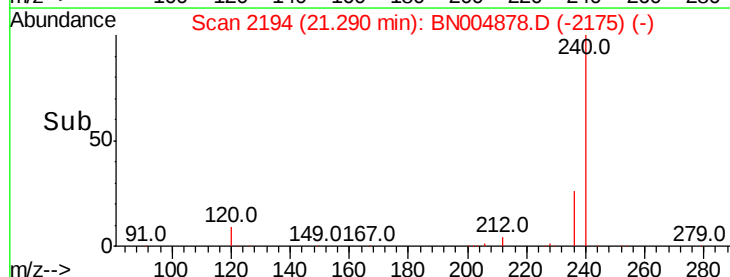
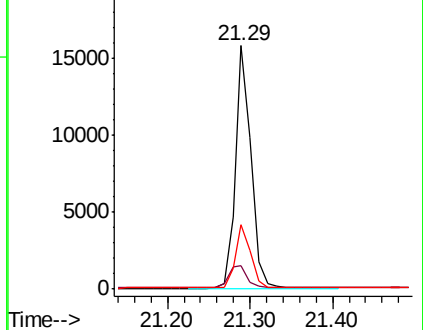
236 26.5 20.9 31.3

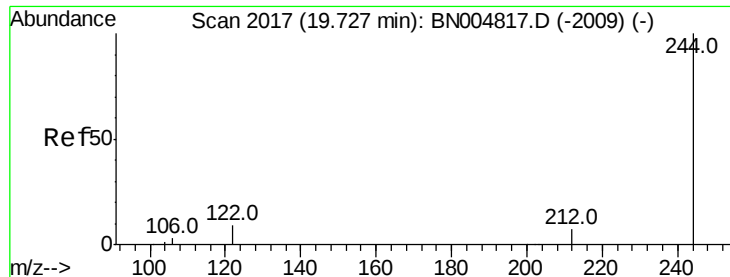


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.593 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

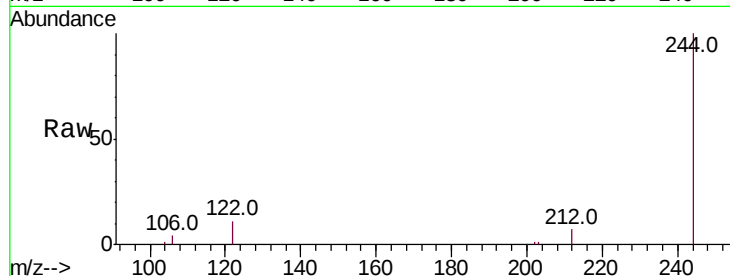
Tot Ion:244 Resp: 25448

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

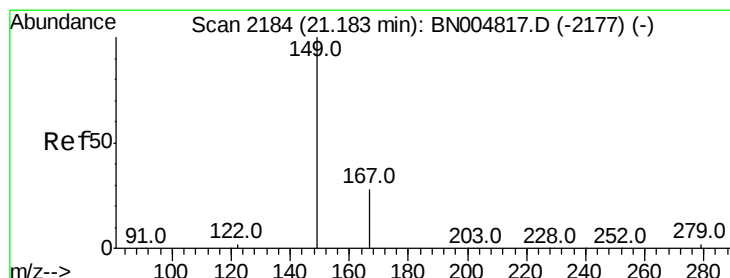
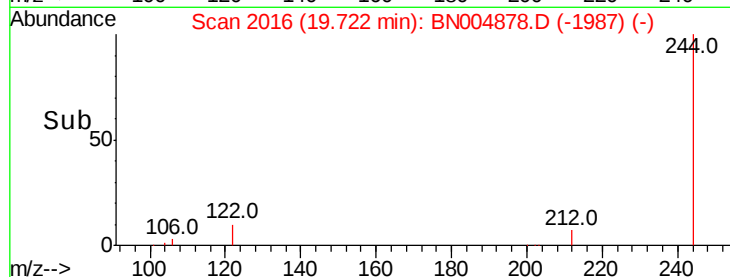
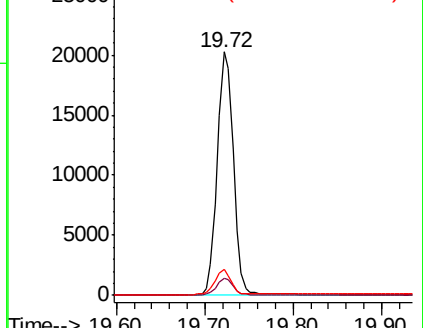
122 10.6 7.9 11.9



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: 0.104 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

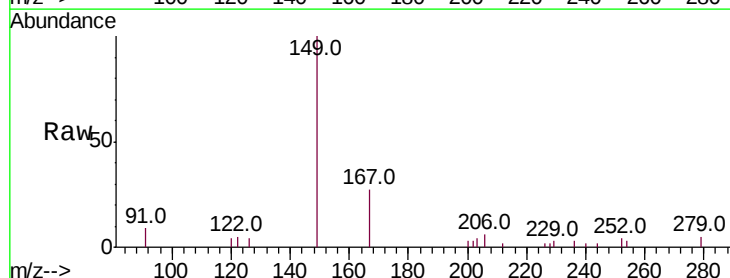
Tgt Ion:149 Resp: 2846

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

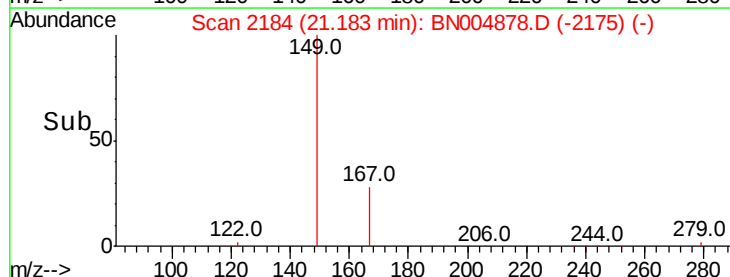
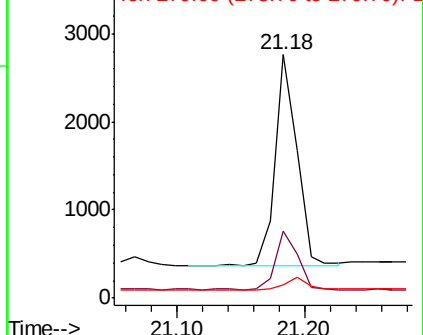
279 5.8 4.6 6.8

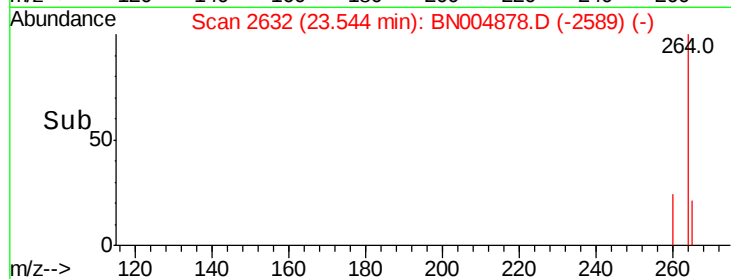
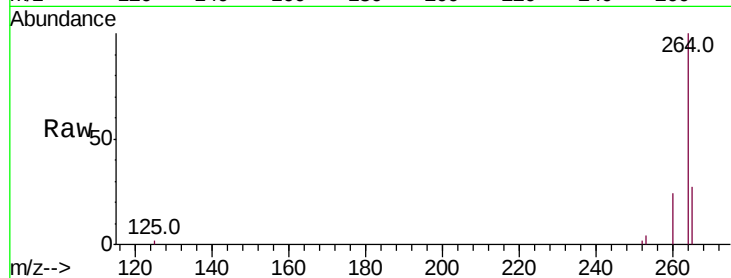
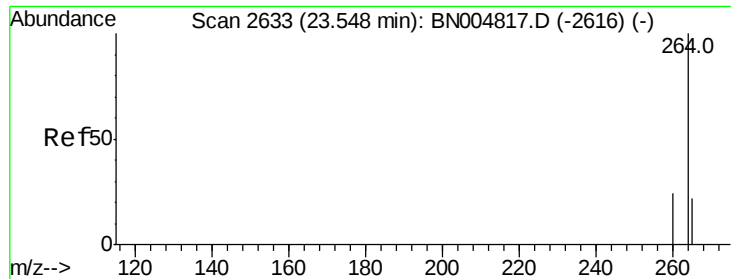


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004878.D

Acq: 22 Mar 2019 07:44

Instrument :

BNA_N

ClientSampleId :

PST-026-SW034-031819

Tot Ion:264 Resp: 23658

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 27.0 23.1 34.7

