

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
 Data File : BN005026.D
 Acq On : 29 Mar 2019 09:21
 Operator : JU/SJ
 Sample : K1825-08 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 29 23:47:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

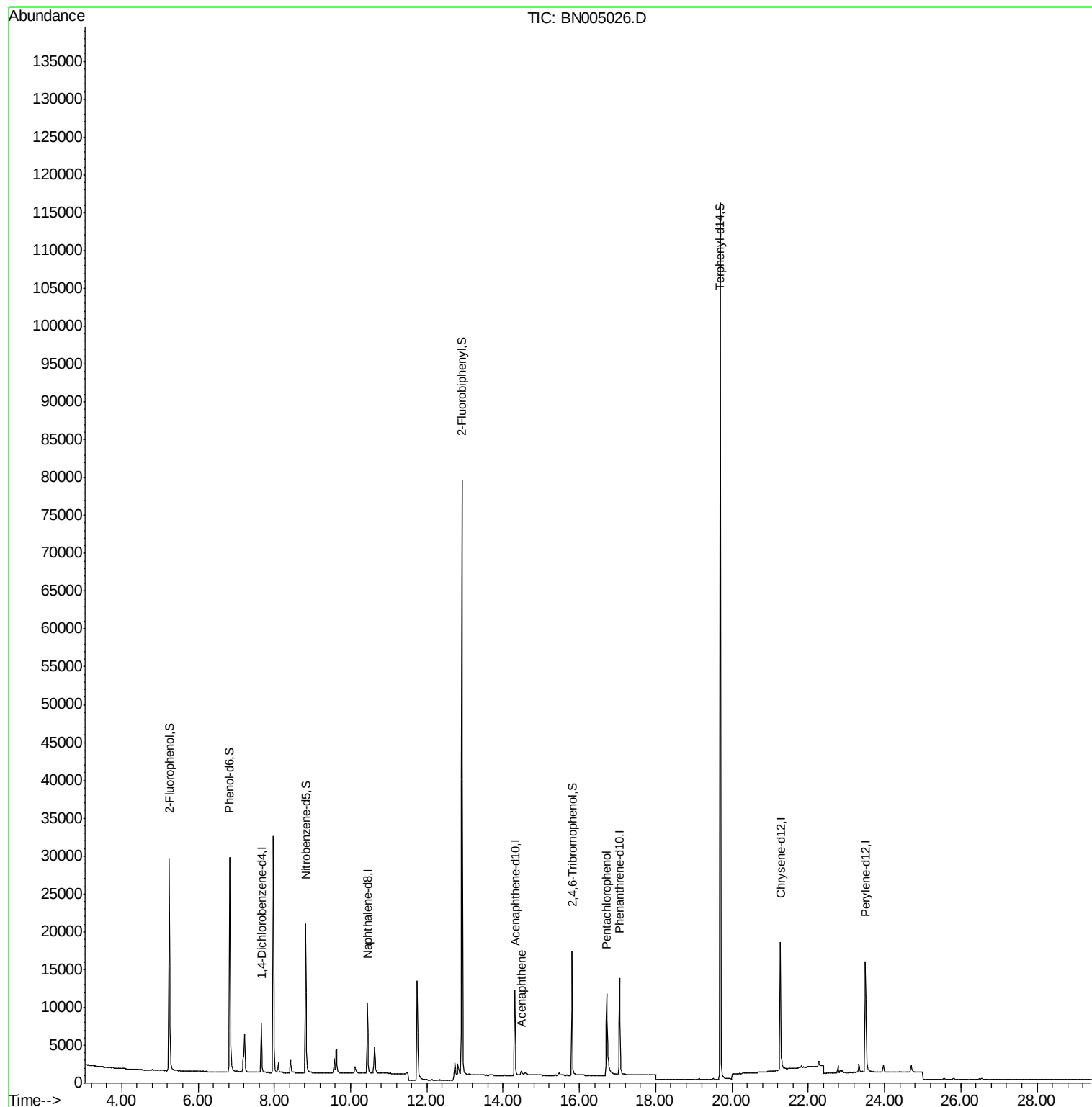
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3250	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12814	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	7475	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	18553	0.40	ng	0.00
27) Chrysene-d12	21.27	240	21084	0.40	ng	0.01
34) Perylene-d12	23.50	264	22265	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	26309	3.24	ng	0.00
5) Phenol-d6	6.83	99	32640	3.40	ng	-0.02
8) Nitrobenzene-d5	8.82	82	17150	2.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2	0.00	ng	0.01
14) 2,4,6-Tribromophenol	15.80	330	15150	3.61	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	67933	2.41	ng	0.00
25) Fluoranthene-d10	19.12	212	17	0.00	ng	0.02
29) Terphenyl-d14	19.69	244	115921	2.68	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.48	154	909	0.041	ng	# 4
22) Pentachlorophenol	16.72	266	8664	2.792	ng	93

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

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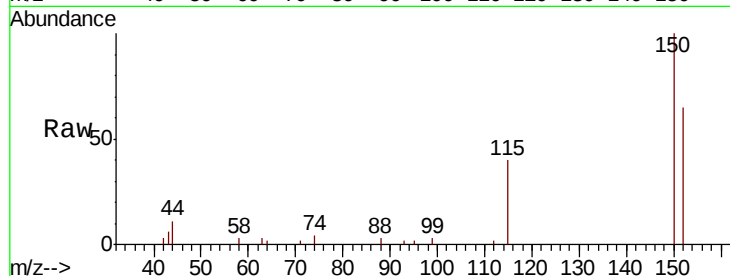


#1

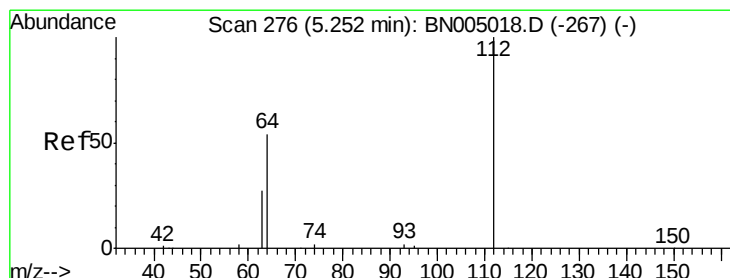
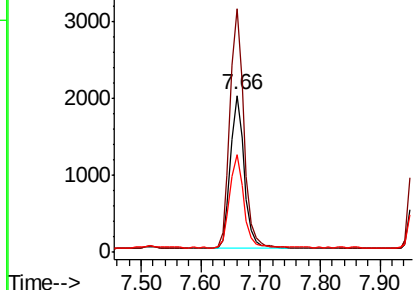
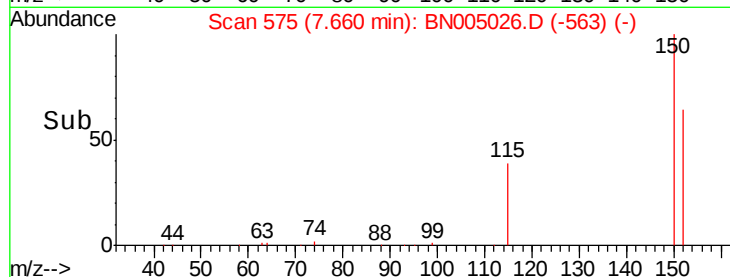
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005026.D
Acq: 29 Mar 2019 09:21

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 3250
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 62.4 50.0 75.0



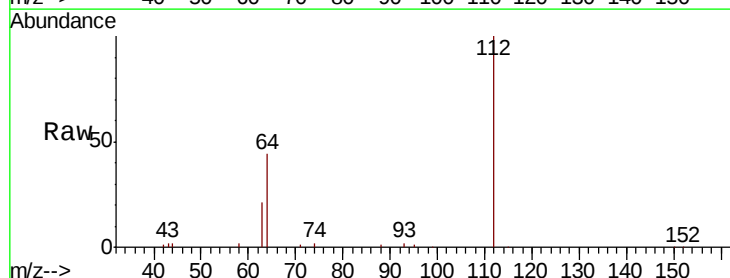
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



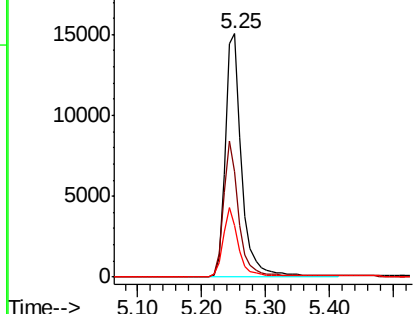
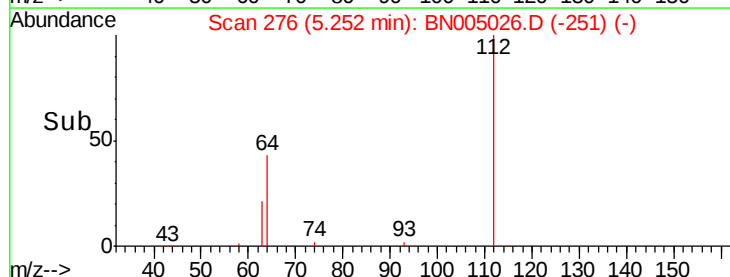
#4

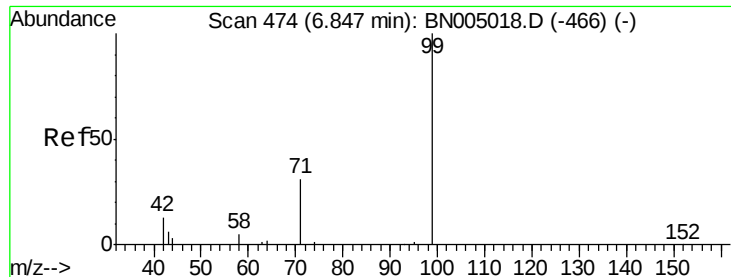
2-Fluorophenol
Concen: 3.243 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005026.D
Acq: 29 Mar 2019 09:21

Tgt Ion:112 Resp: 26309
Ion Ratio Lower Upper
112 100
64 52.2 41.9 62.9
63 26.3 21.5 32.3



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: 3.397 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

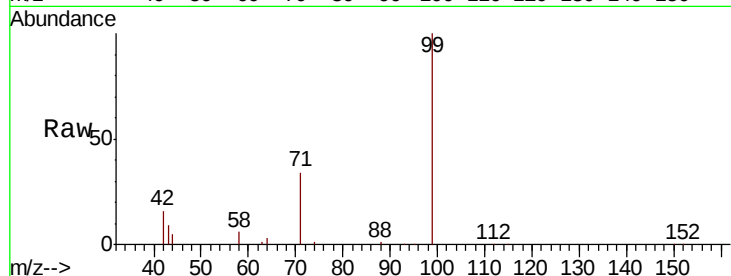
Tgt Ion: 99 Resp: 32640

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

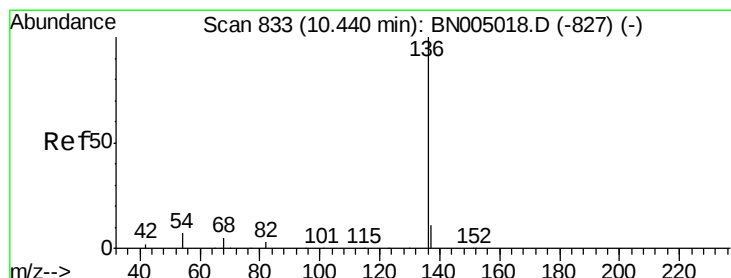
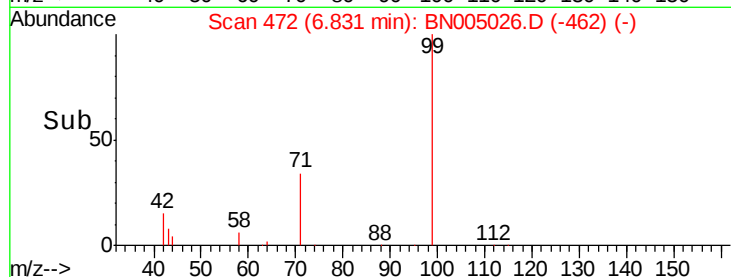
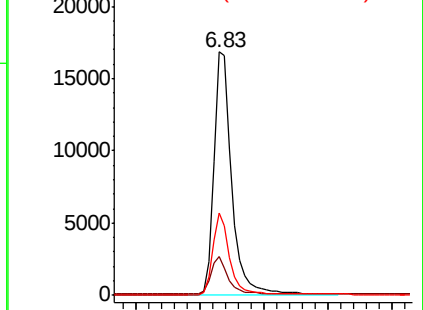
71 31.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Tgt Ion: 136 Resp: 12814

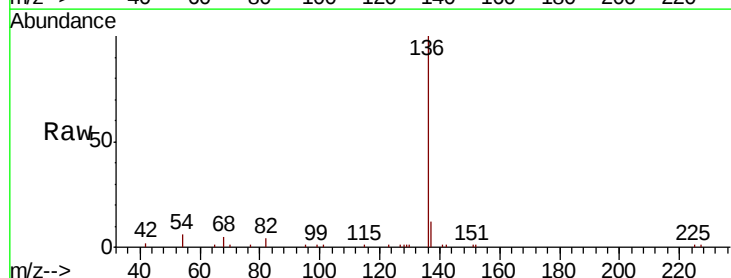
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.4 6.0 9.0

68 5.5 5.0 7.6

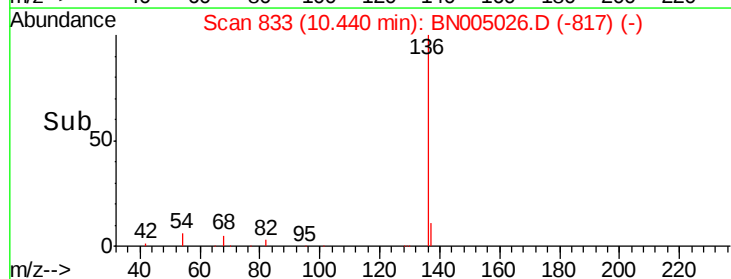
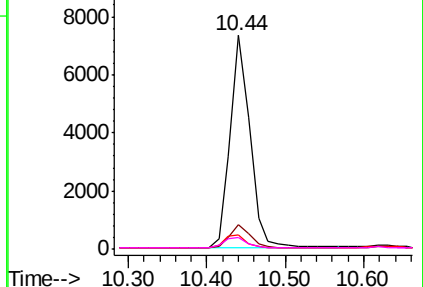


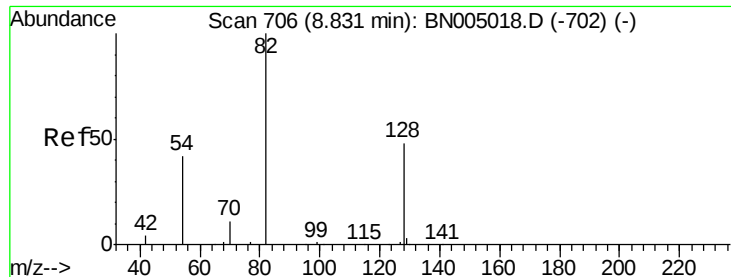
Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)





#8

Nitrobenzene-d5

Concen: 2.309 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

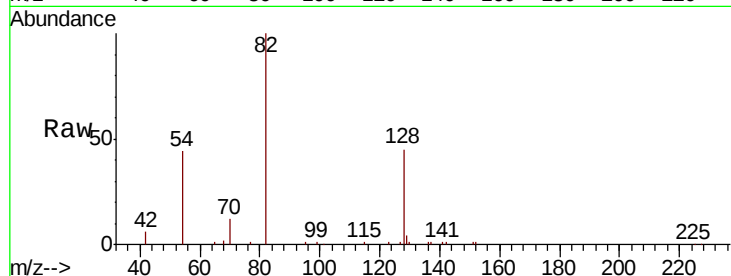
Tgt Ion: 82 Resp: 17150

Ion Ratio Lower Upper

82 100

128 45.0 40.5 60.7

54 44.0 35.7 53.5

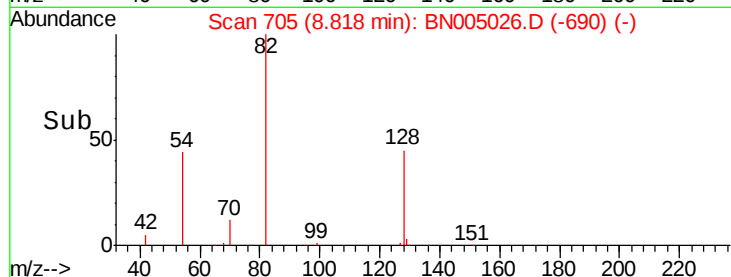


Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)

Time-->



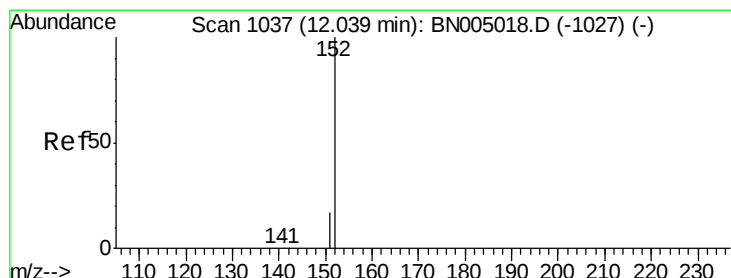
Abundance

Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.05 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BN005026.D

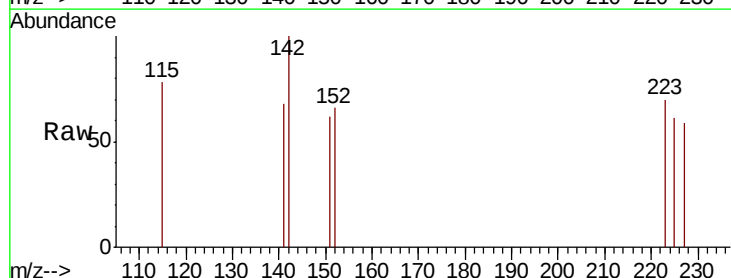
Acq: 29 Mar 2019 09:21

Tgt Ion: 152 Resp: 2

Ion Ratio Lower Upper

152 100

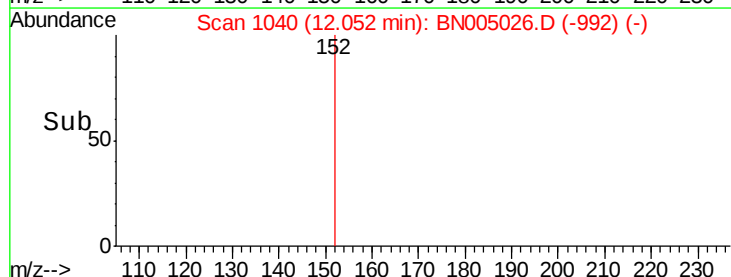
151 100.0 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

Ion 151.00 (150.70 to 151.70): BN005018.D (-1027) (-)

Time-->

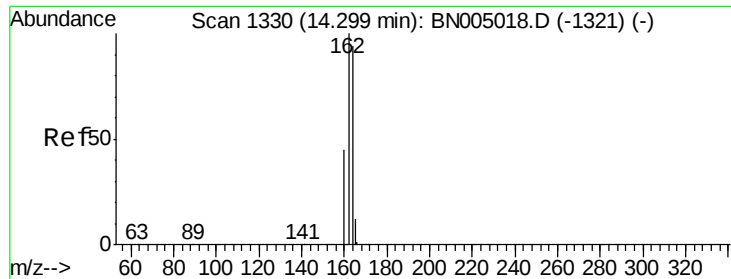


Abundance

Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

Ion 151.00 (150.70 to 151.70): BN005018.D (-1027) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

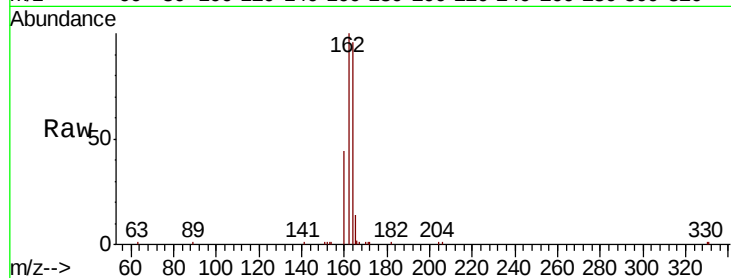
Tgt Ion:164 Resp: 7475

Ion Ratio Lower Upper

164 100

162 104.0 85.3 127.9

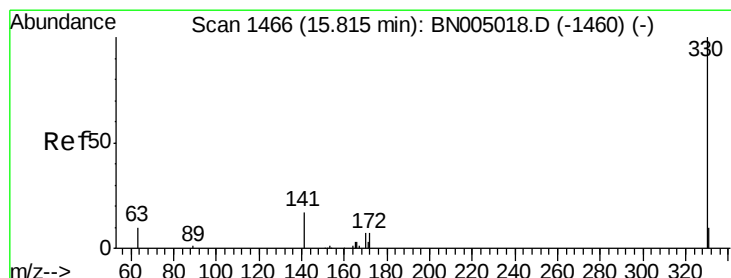
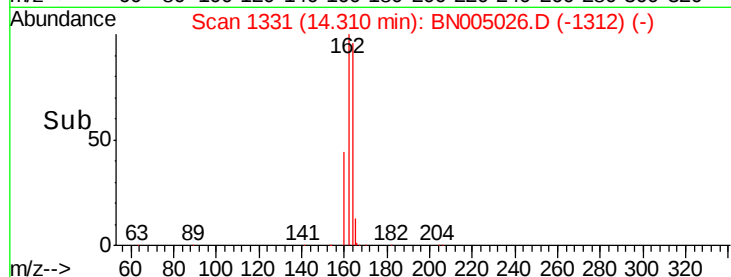
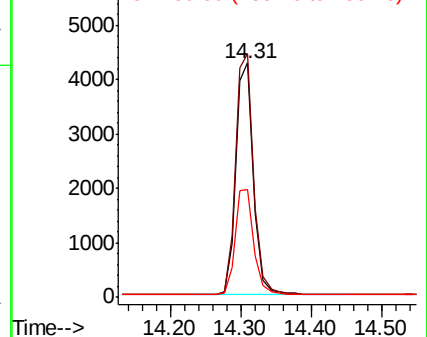
160 46.2 39.2 58.8



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: 3.613 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

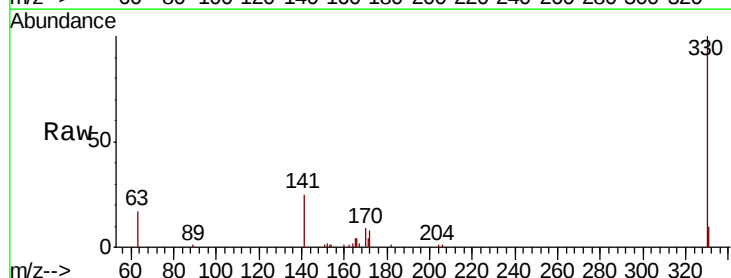
Tgt Ion:330 Resp: 15150

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

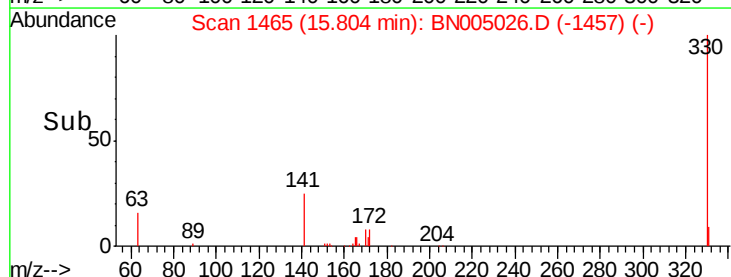
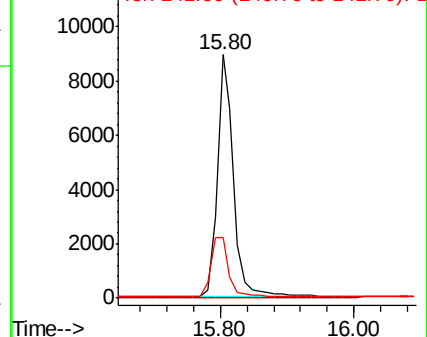
141 27.3 21.3 31.9

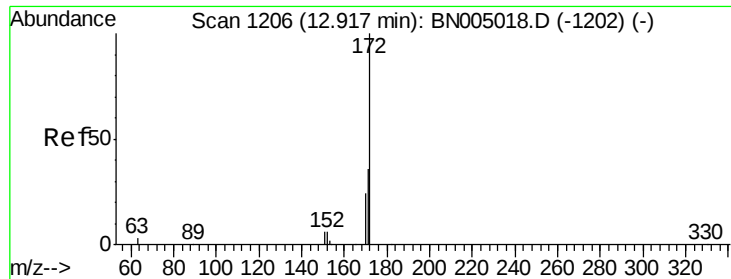


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

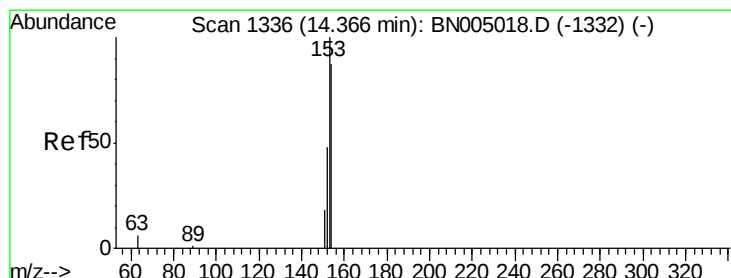
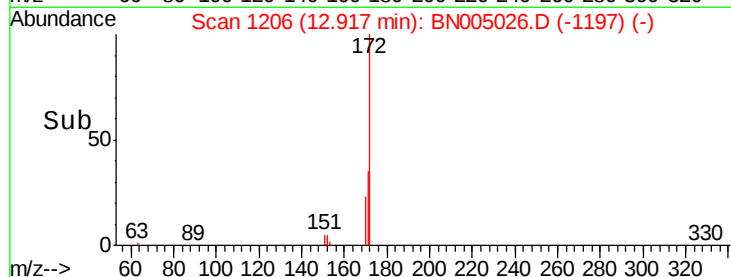
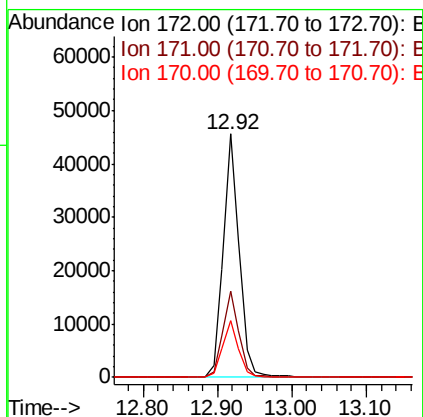
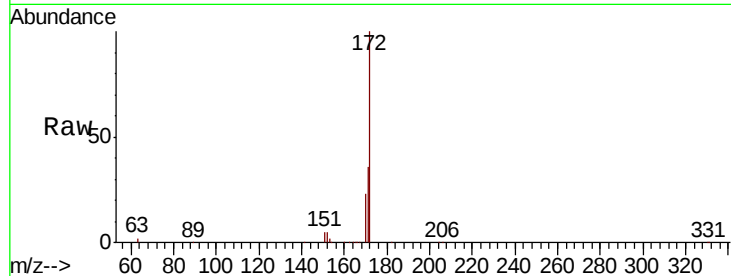




#15
2-Fluorobiphenyl
Concen: 2.407 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005026.D
Acq: 29 Mar 2019 09:21

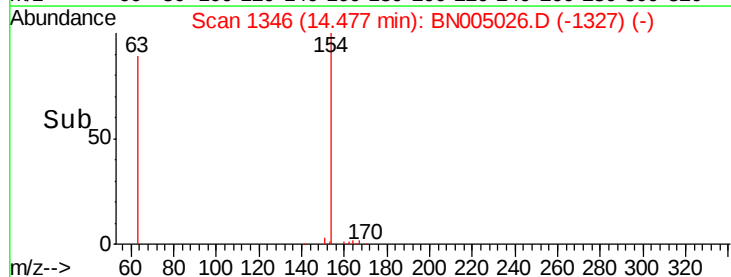
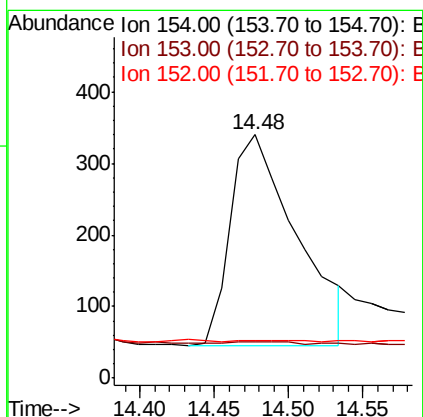
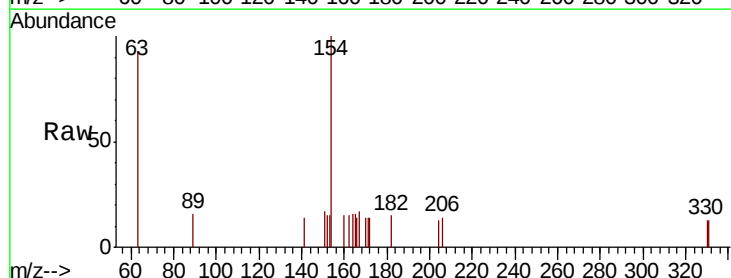
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

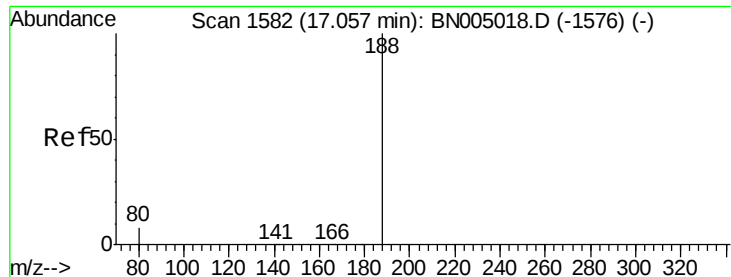
Tgt Ion:172 Resp: 67933
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.2 20.0 30.0



#17
Acenaphthene
Concen: 0.041 ng
RT: 14.48 min Scan# 1346
Delta R.T. 0.11 min
Lab File: BN005026.D
Acq: 29 Mar 2019 09:21

Tgt Ion:154 Resp: 909
Ion Ratio Lower Upper
154 100
153 0.4 92.1 138.1#
152 0.6 44.2 66.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

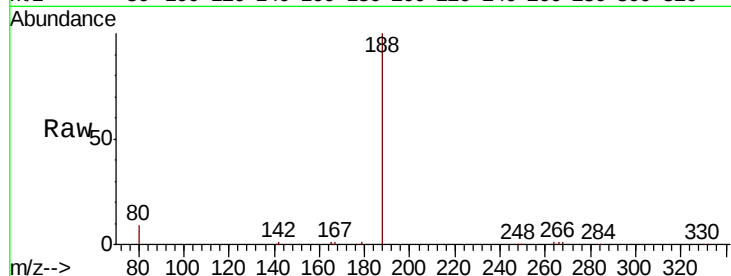
Tgt Ion:188 Resp: 18553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

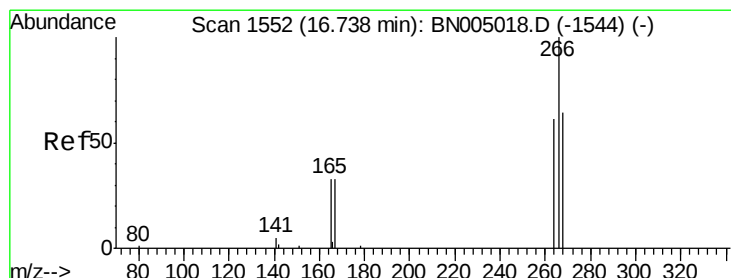
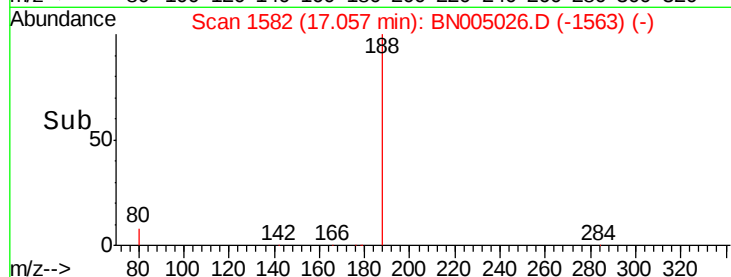
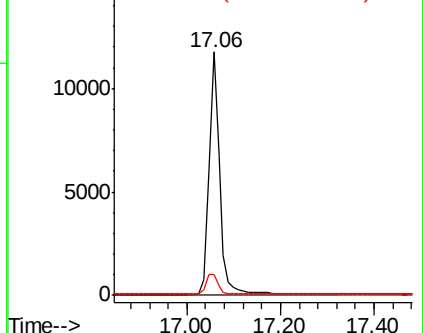
80 8.8 6.9 10.3



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



#22

Pentachlorophenol

Concen: 2.792 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

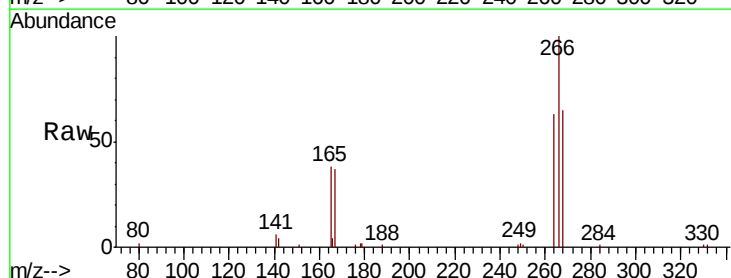
Tgt Ion:266 Resp: 8664

Ion Ratio Lower Upper

266 100

264 63.3 53.4 80.0

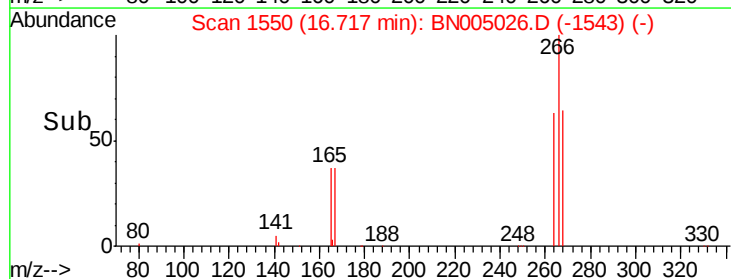
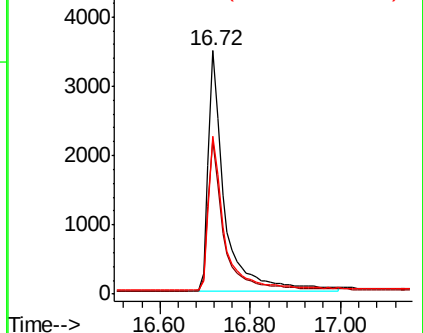
268 65.0 58.9 88.3

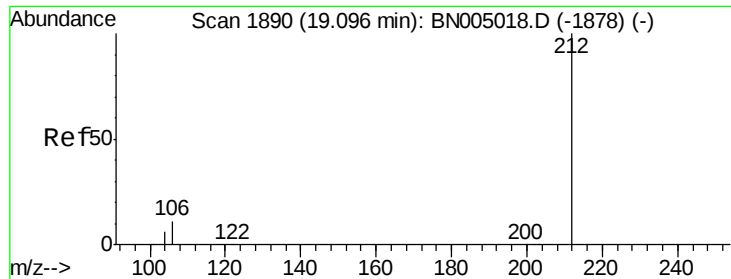


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.12 min Scan# 1894

Delta R.T. 0.02 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

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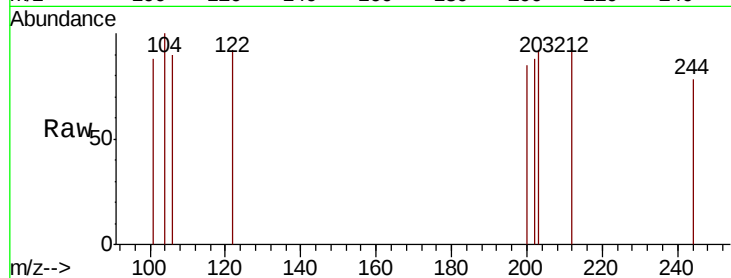
Tgt Ion: 212 Resp: 17

Ion Ratio Lower Upper

212 100

106 5.9 9.4 14.2#

104 11.8 5.4 8.0#

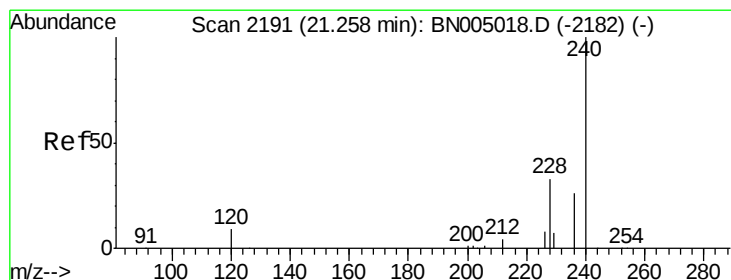
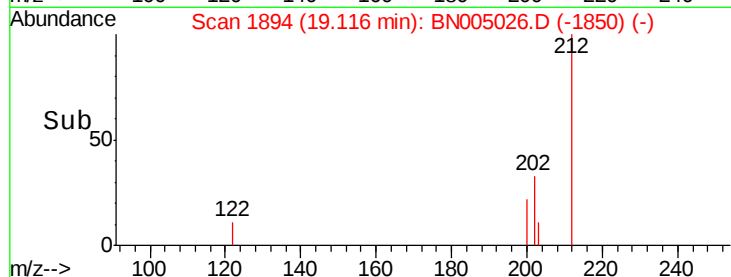
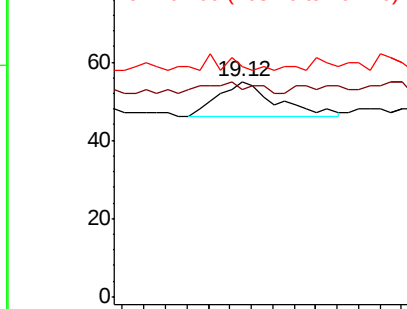


Abundance

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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

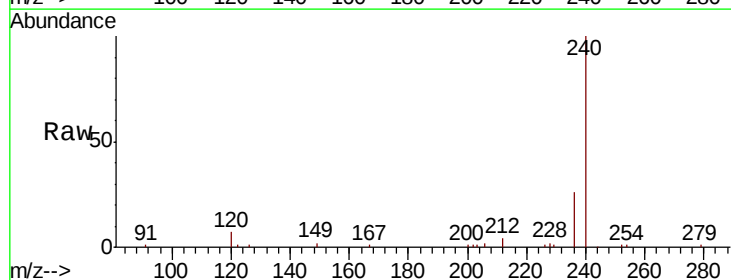
Tgt Ion: 240 Resp: 21084

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

236 25.8 21.0 31.6

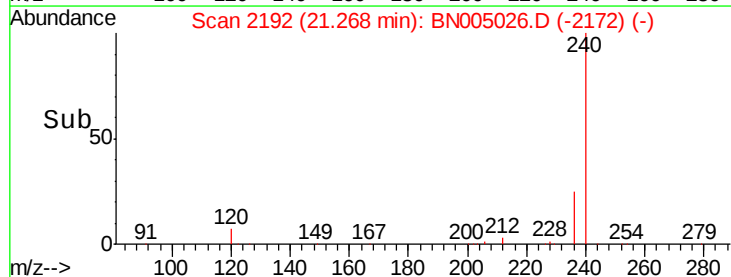
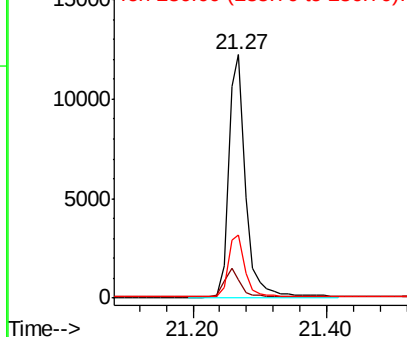


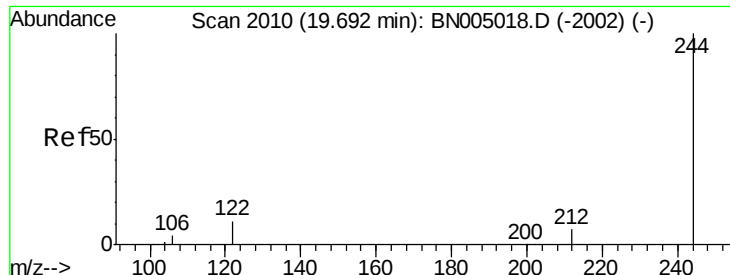
Abundance

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: 2.675 ng

RT: 19.69 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

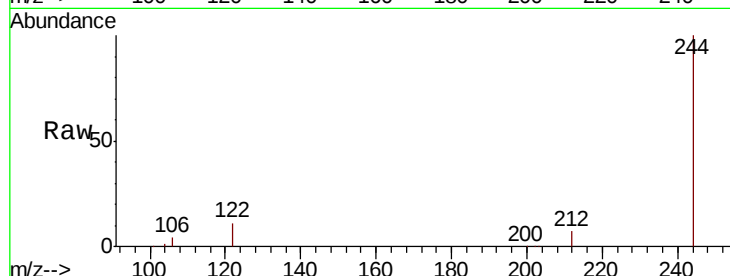
Tgt Ion:244 Resp: 115921

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

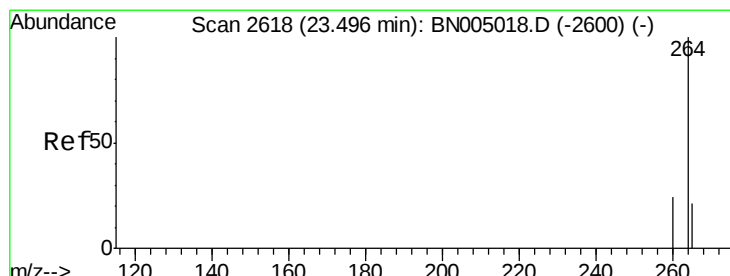
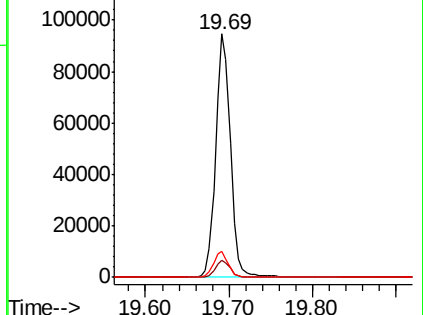
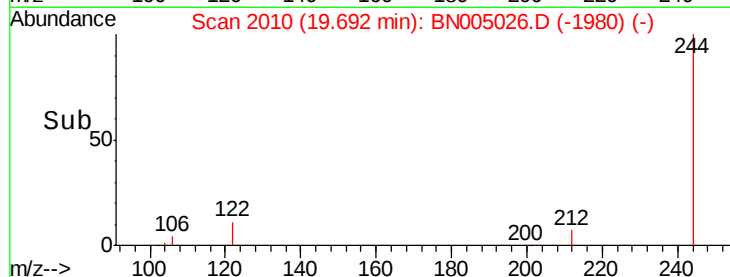
122 10.6 9.0 13.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005026.D

Acq: 29 Mar 2019 09:21

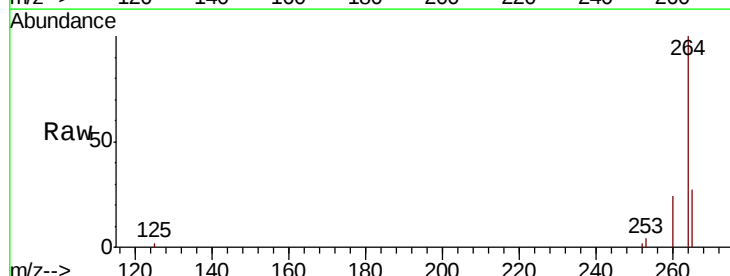
Tgt Ion:264 Resp: 22265

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 27.4 22.5 33.7



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

