

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041520\
 Data File : BN010505.D
 Acq On : 15 Apr 2020 13:23
 Operator : CG/JU
 Sample : PB128093BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 PB128093BL

Quant Time: Apr 15 14:07:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	135179	20.00	ng	-0.02
7) Naphthalene-d8	10.35	136	568367	20.00	ng	-0.01
13) Acenaphthene-d10	14.22	164	381320	20.00	ng	0.00
19) Phenanthrene-d10	16.98	188	920149	20.00	ng	0.00
27) Chrysene-d12	21.17	240	1102295	20.00	ng	-0.01
34) Perylene-d12	23.35	264	958883	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	1092899	184.58	ng	-0.02
5) Phenol-d6	6.78	99	1459787	188.68	ng	-0.02
8) Nitrobenzene-d5	8.73	82	1009928	127.09	ng	-0.01
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.72	330	833952	232.00	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	2917667	105.13	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.63	244	4578296	90.74	ng	0.00

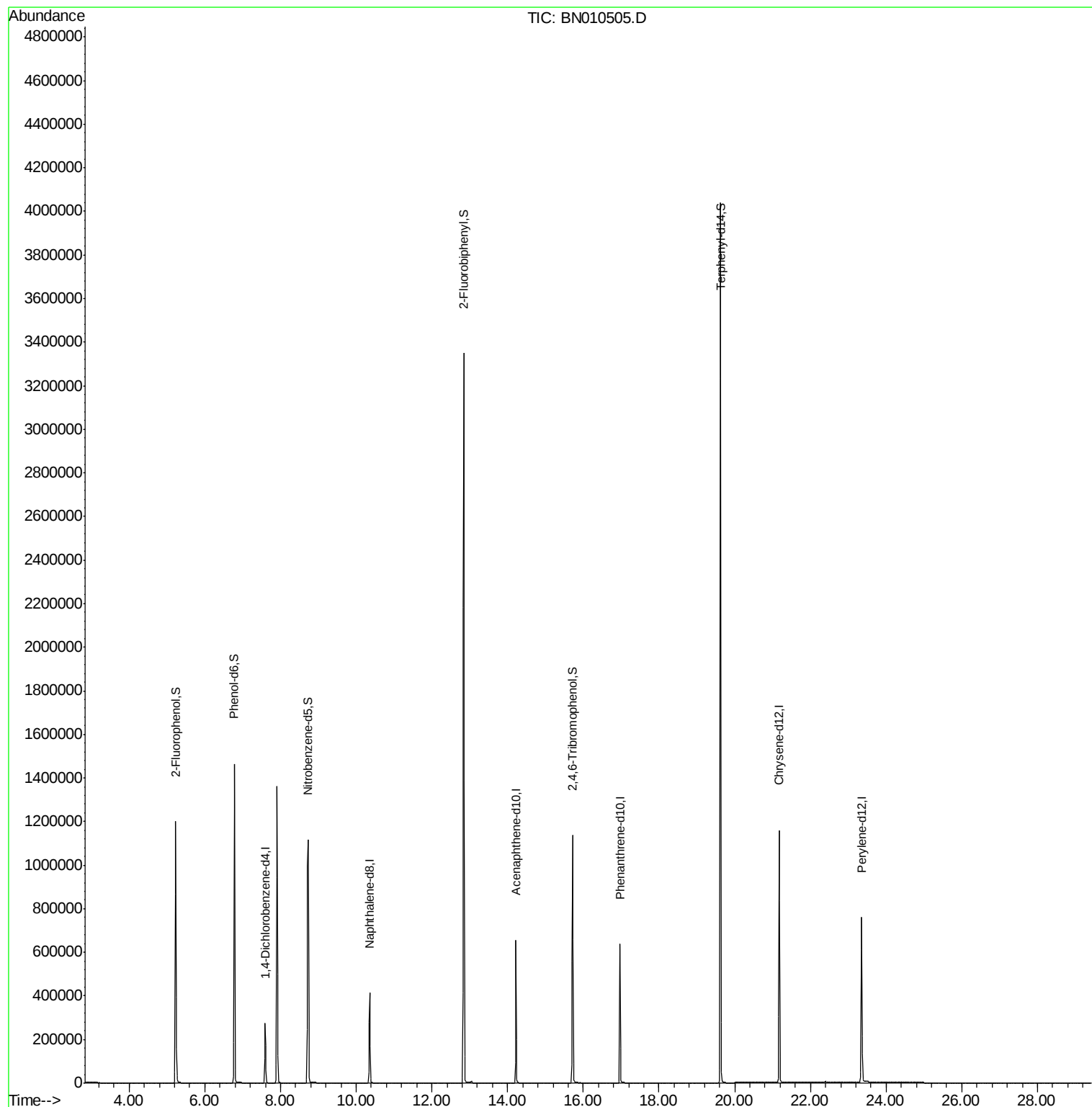
Target Compounds	Qvalue

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

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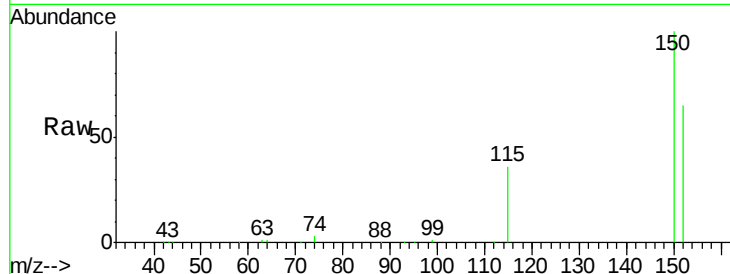


#1

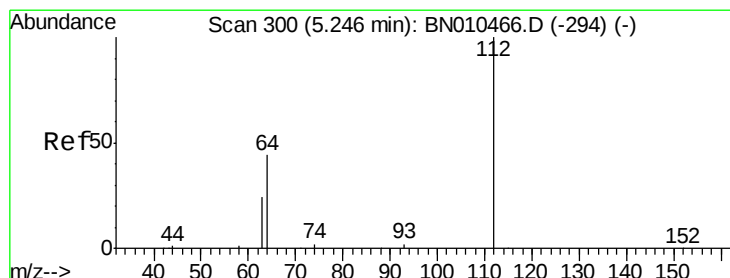
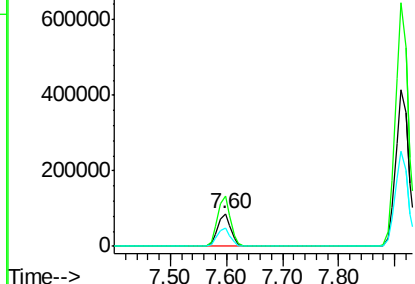
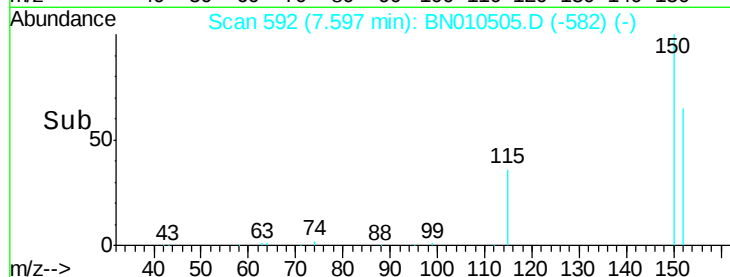
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN010505.D
Acq: 15 Apr 2020 13:23

Instrument :
BNA_N
ClientSampleId :
PB128093BL

Tot Ion:152 Resp: 135179
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.6
115 55.3 45.5 68.3



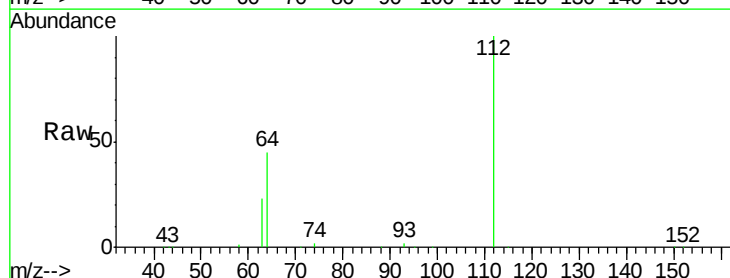
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



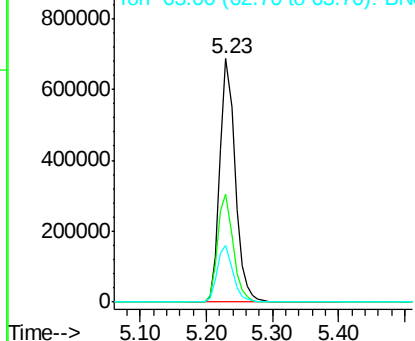
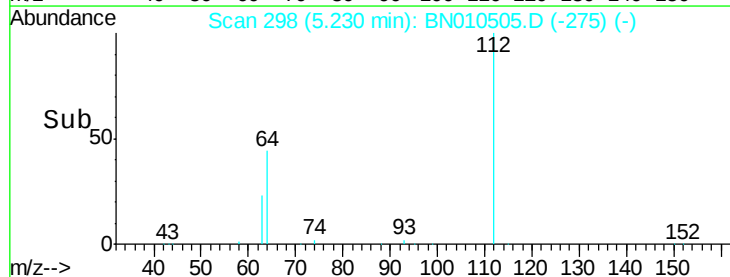
#4

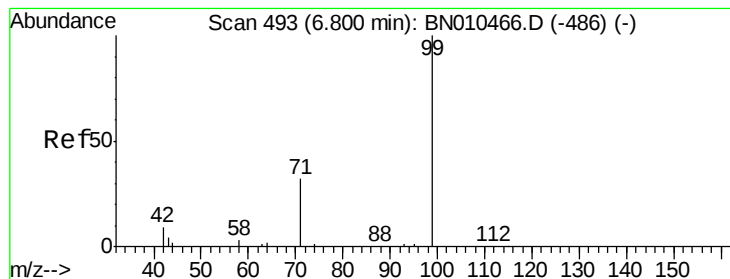
2-Fluorophenol
Concen: 184.584 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.02 min
Lab File: BN010505.D
Acq: 15 Apr 2020 13:23

Tgt Ion:112 Resp: 1092899
Ion Ratio Lower Upper
112 100
64 44.9 35.8 53.8
63 23.8 19.9 29.9



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: 188.676 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.02 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Instrument :

BNA_N

ClientSampleId :

PB128093BL

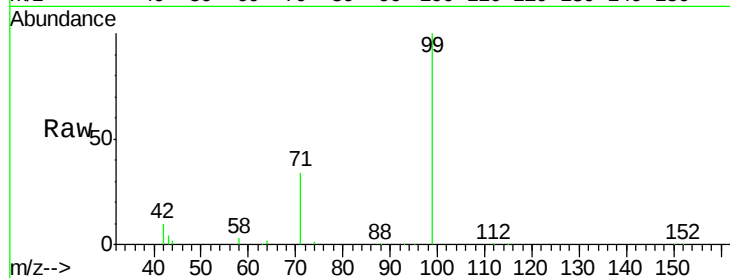
Tot Ion: 99 Resp: 1459787

Ion Ratio Lower Upper

99 100

42 11.4 9.8 14.6

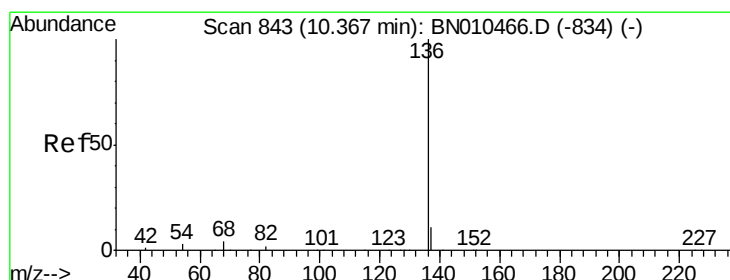
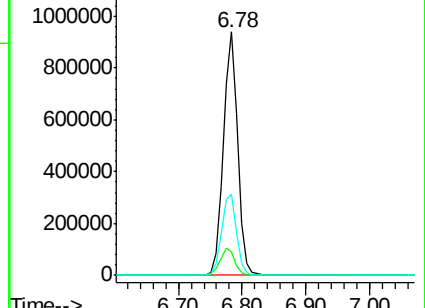
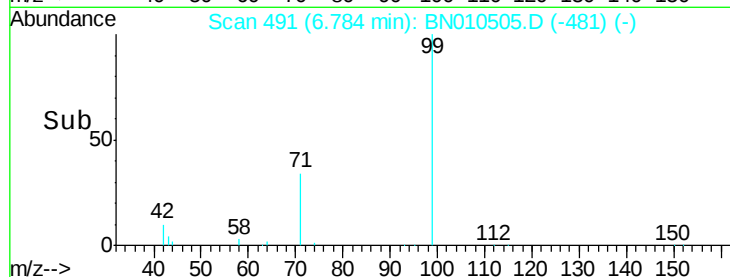
71 34.9 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Tgt Ion: 136 Resp: 568367

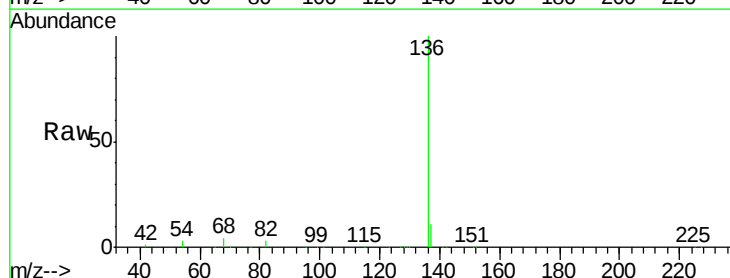
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 3.0 2.6 4.0

68 3.7 3.4 5.2

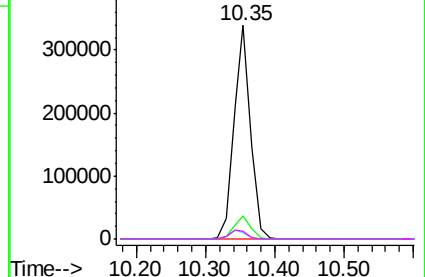
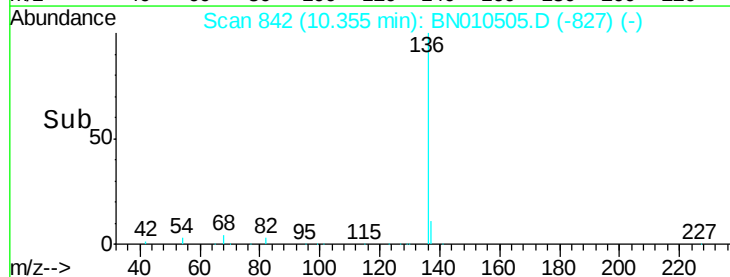


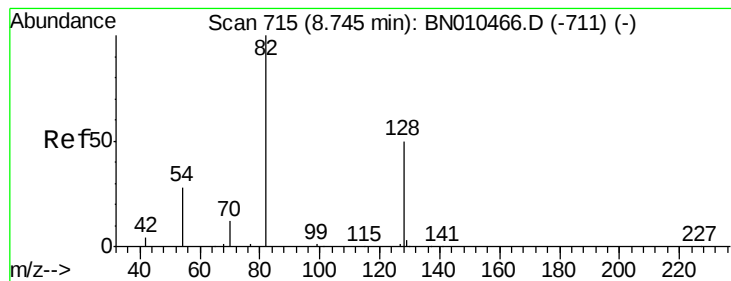
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 127.088 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Instrument :

BNA_N

ClientSampleId :

PB128093BL

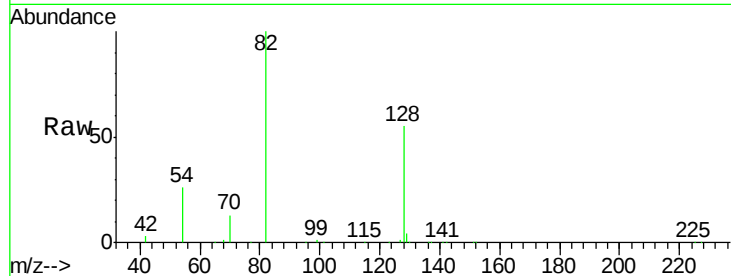
Tot Ion: 82 Resp: 1009928

Ion Ratio Lower Upper

82 100

128 54.6 41.3 61.9

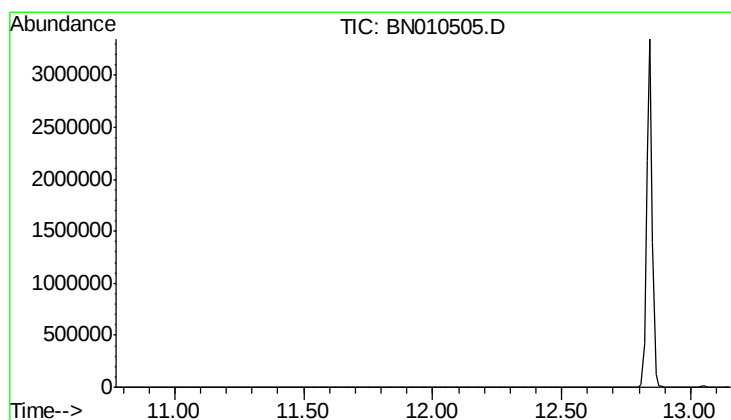
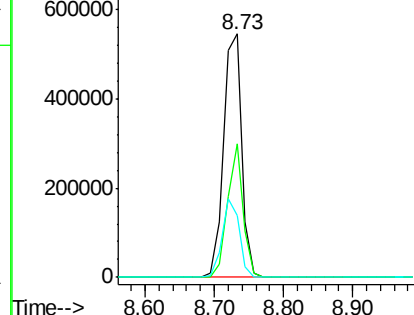
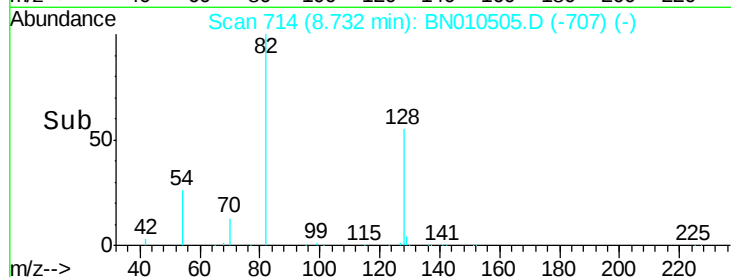
54 25.7 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010505.D

Ion 128.00 (127.70 to 128.70): BN010505.D

Ion 54.00 (53.70 to 54.70): BN010505.D



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

Expected RT: 11.96 min

Lab File: BN010505.D

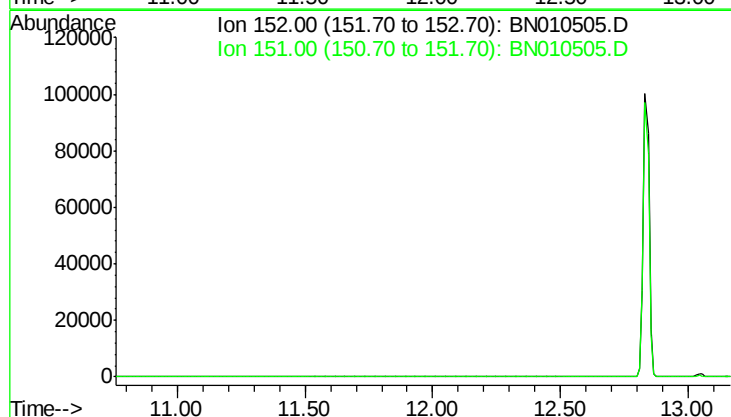
Acq: 15 Apr 2020 13:23

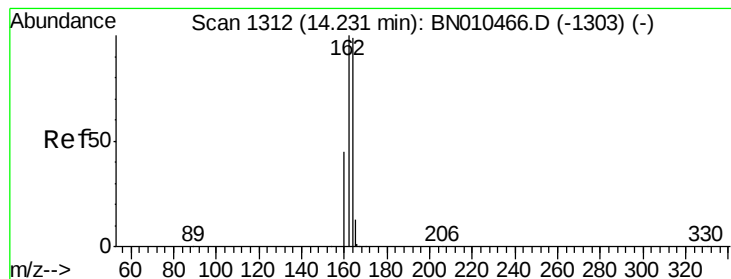
Tgt Ion: 152

Sig Exp Ratio

152 100

151 19.1





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Instrument :

BNA_N

ClientSampleId :

PB128093BL

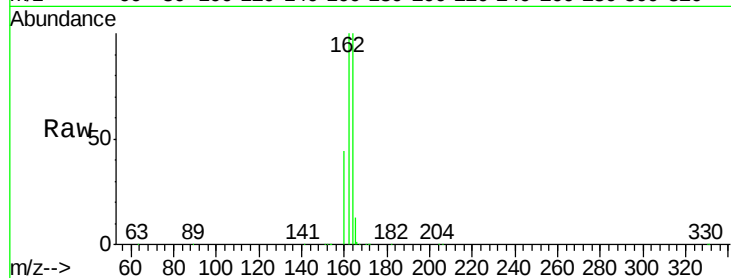
Tot Ion:164 Resp: 381320

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

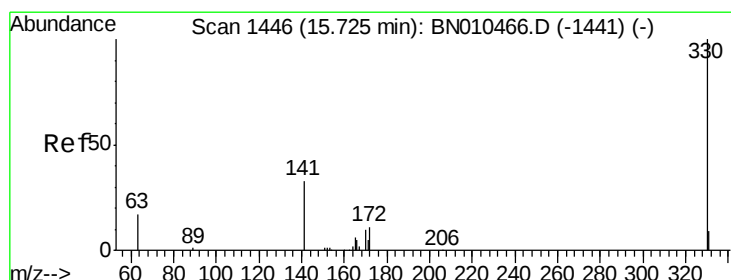
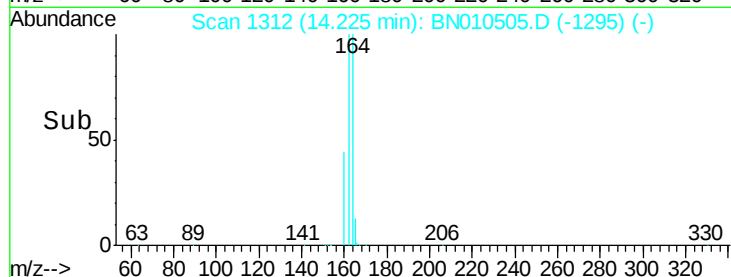
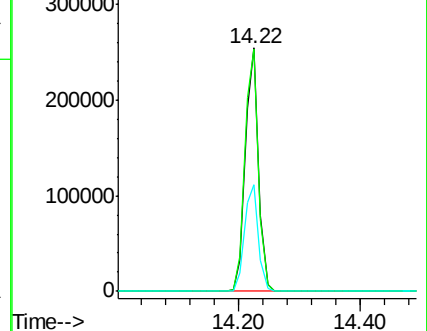
160 43.8 36.5 54.7



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: 231.998 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

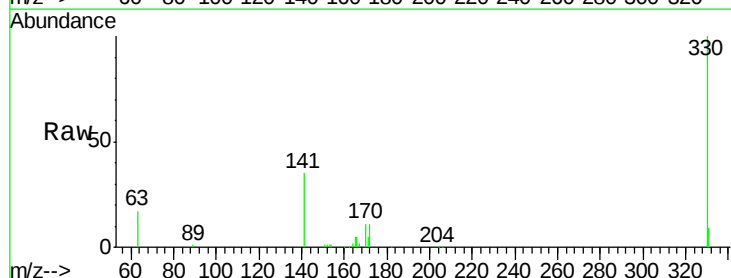
Tgt Ion:330 Resp: 833952

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

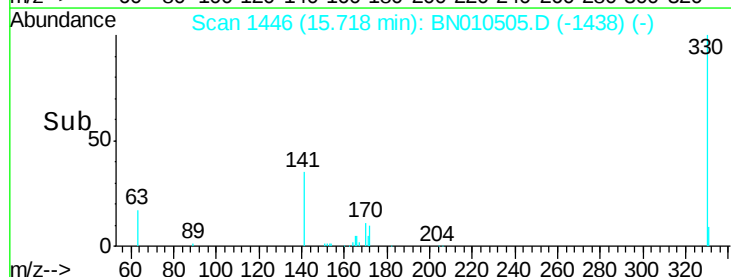
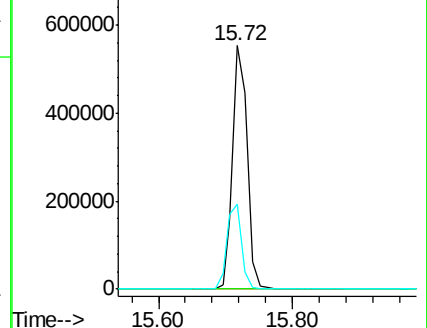
141 36.0 28.1 42.1

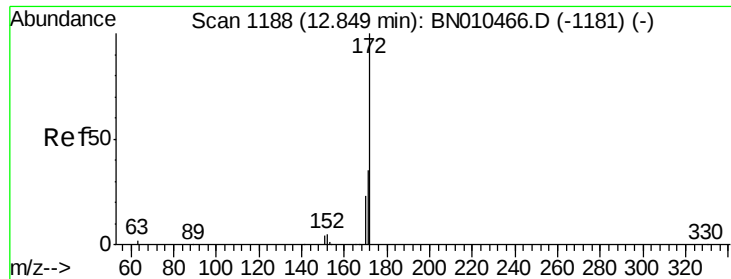


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

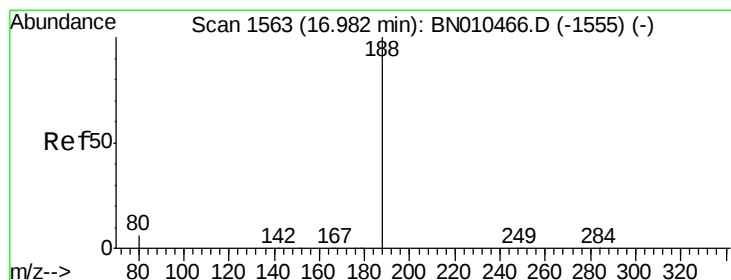
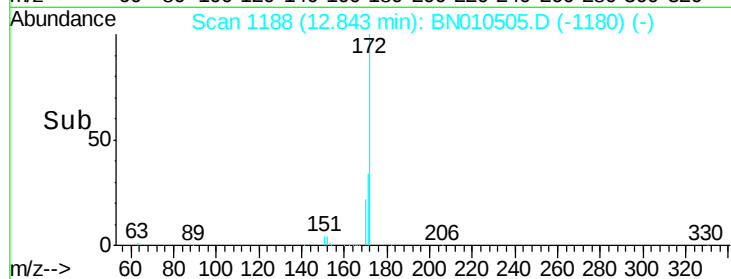
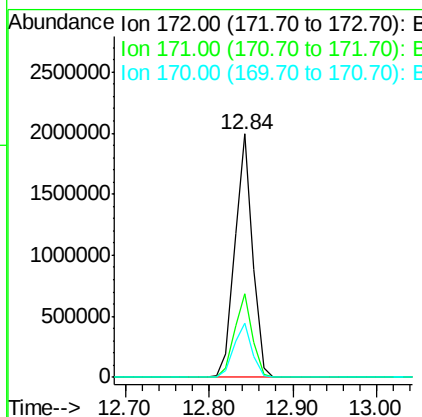
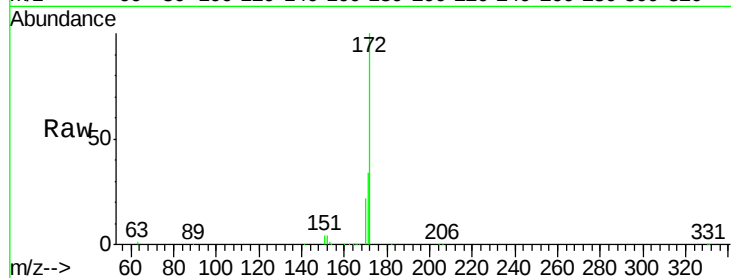




#15
2-Fluorobiphenyl
Concen: 105.129 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010505.D
Acq: 15 Apr 2020 13:23

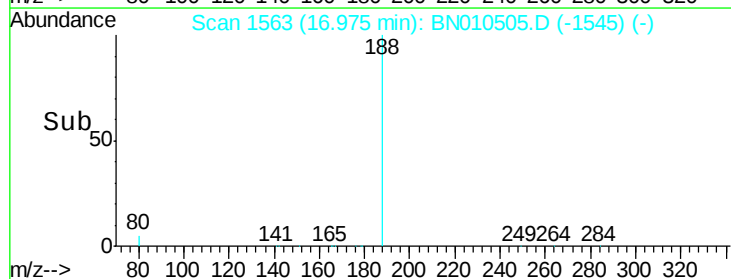
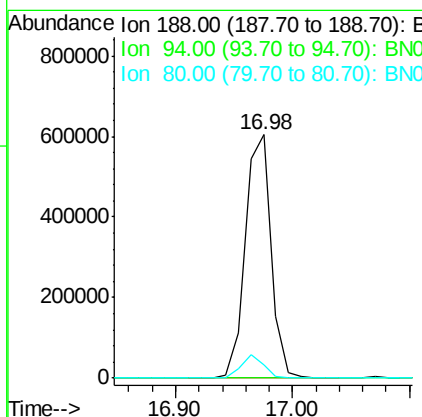
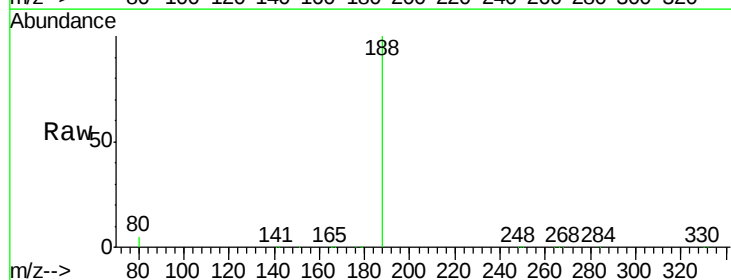
Instrument :
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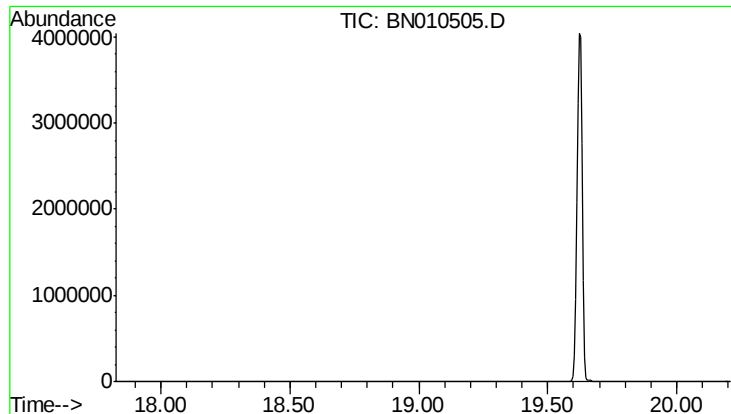
Tot Ion:172 Resp: 2917667
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 22.0 18.4 27.6



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010505.D
Acq: 15 Apr 2020 13:23

Tgt Ion:188 Resp: 920149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.2 5.0 7.6





#25

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 19.02 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Instrument :

BNA_N

ClientSampleId :

PB128093BL

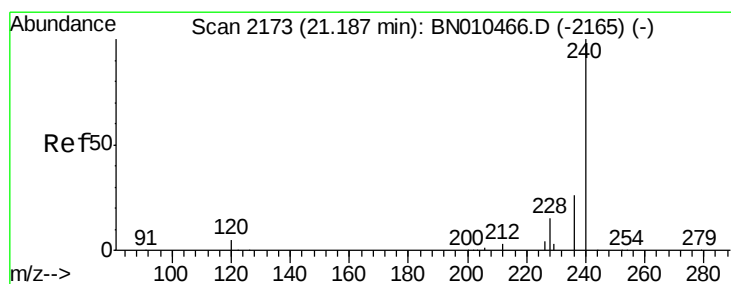
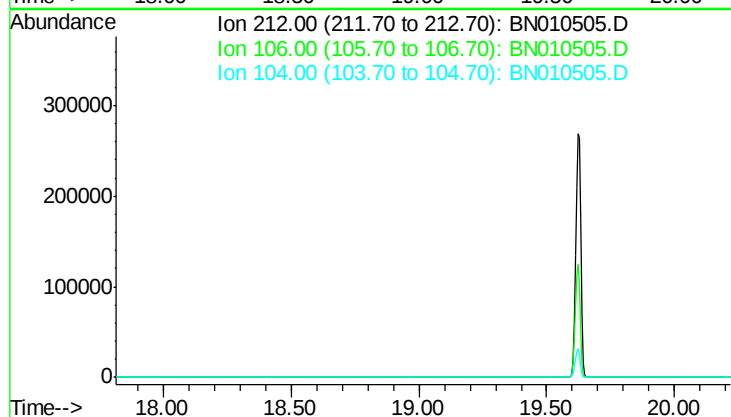
Tot Ion: 212

Sig Exp Ratio

212 100

106 9.7

104 5.6



#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

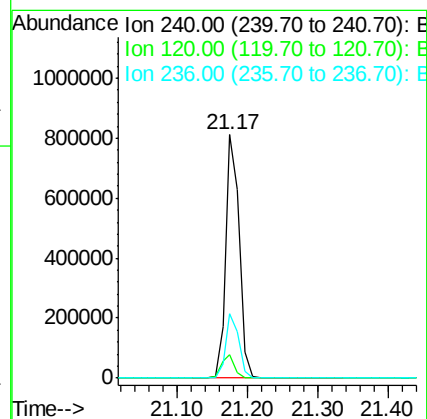
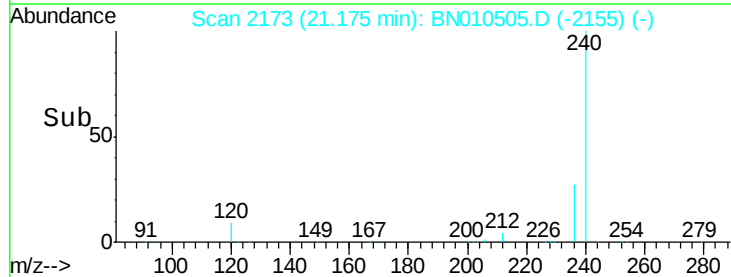
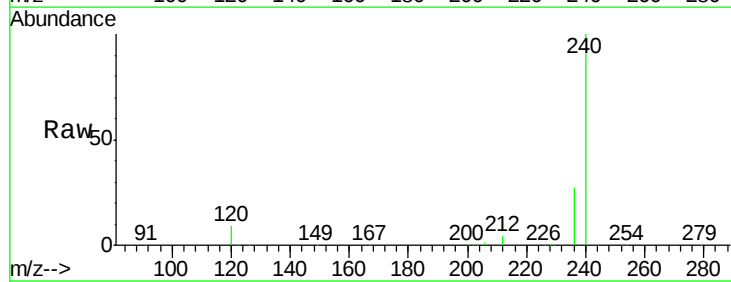
Tgt Ion: 240 Resp: 1102295

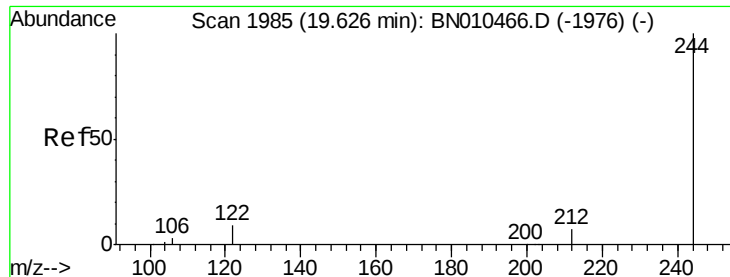
Ion Ratio Lower Upper

240 100

120 9.5 4.8 7.2#

236 26.6 21.4 32.0





#29

Terphenyl-d14

Concen: 90.738 ng

RT: 19.63 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

Instrument :

BNA_N

ClientSampleId :

PB128093BL

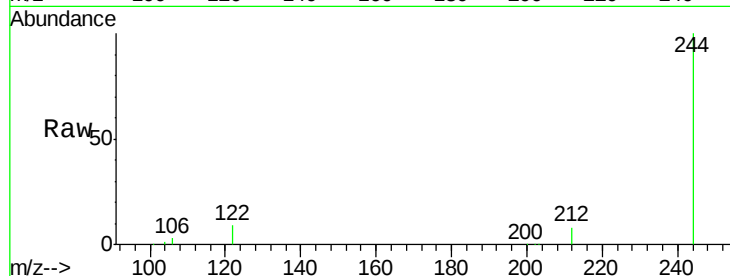
Tot Ion:244 Resp: 4578296

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

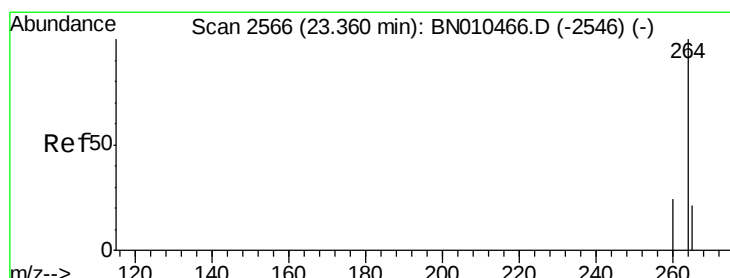
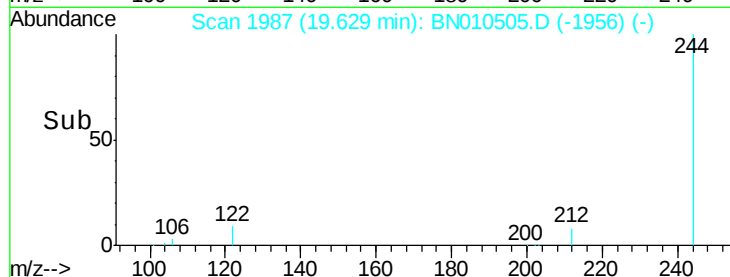
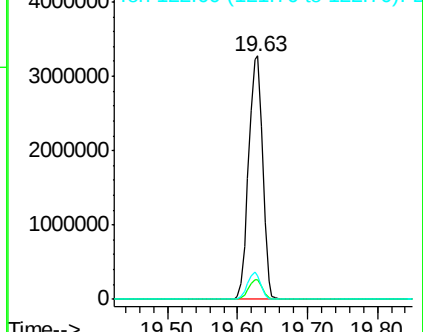
122 9.4 7.8 11.8



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: 20.000 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010505.D

Acq: 15 Apr 2020 13:23

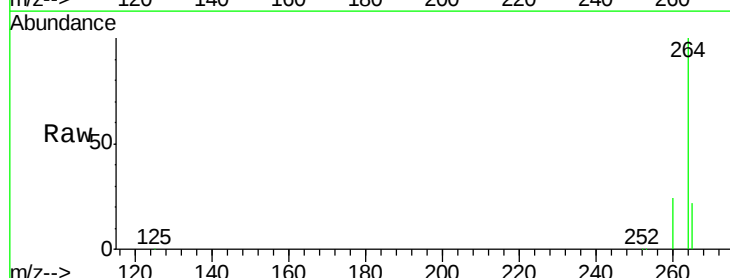
Tgt Ion:264 Resp: 958883

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 22.2 42.3 63.5#



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

