

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010624.D
 Acq On : 28 Apr 2020 13:05
 Operator : CG/JU
 Sample : L2330-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-2

Quant Time: Apr 28 13:37:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

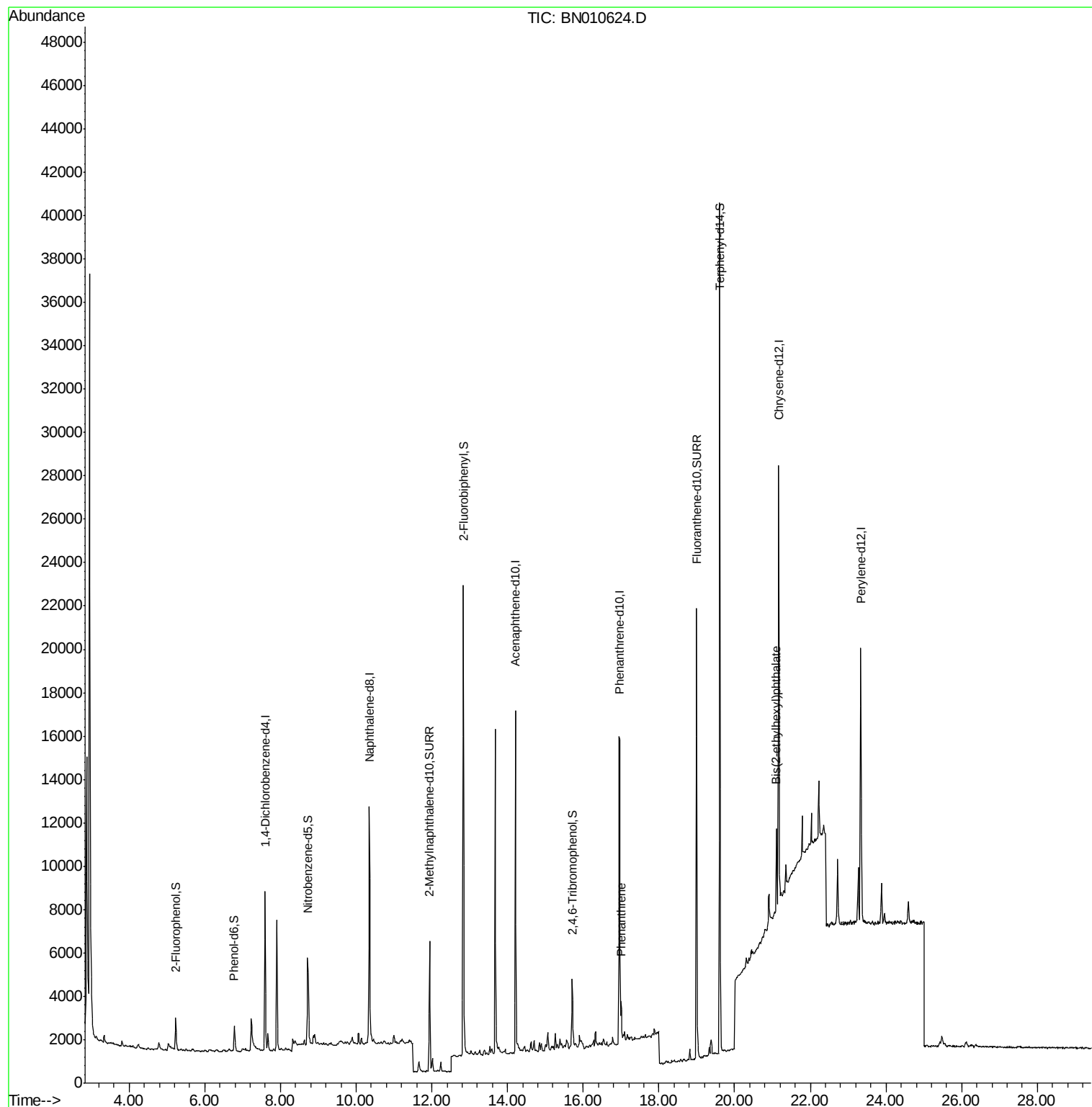
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3591	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	15327	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9804	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	22315	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18612	0.40	ng	0.00
34) Perylene-d12	23.33	264	16659	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1554	0.20	ng	0.00
5) Phenol-d6	6.78	99	1347	0.13	ng	0.00
8) Nitrobenzene-d5	8.72	82	4075	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	8747	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2554	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	19970	0.56	ng	0.00
25) Fluoranthene-d10	19.00	212	24726	0.37	ng	0.00
29) Terphenyl-d14	19.61	244	39286	0.92	ng	0.00
Target Compounds						
23) Phenanthrene	17.00	178	1945	0.032	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.10	149	3784	0.121	ng	# 98

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

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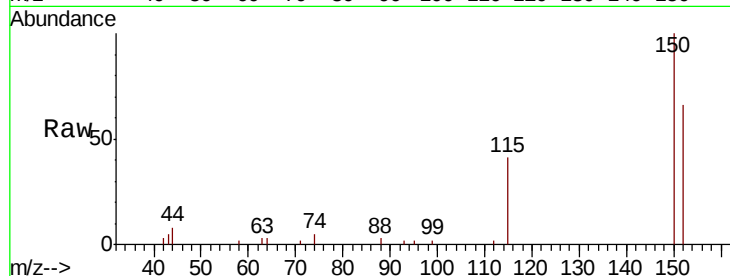


#1

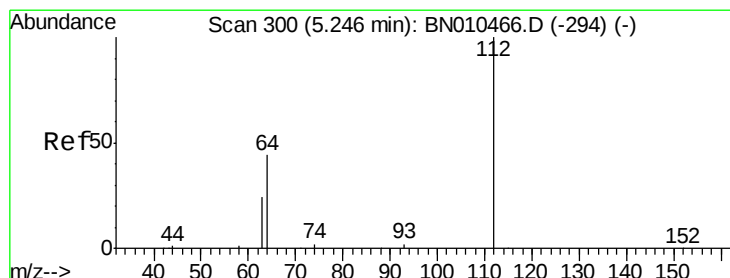
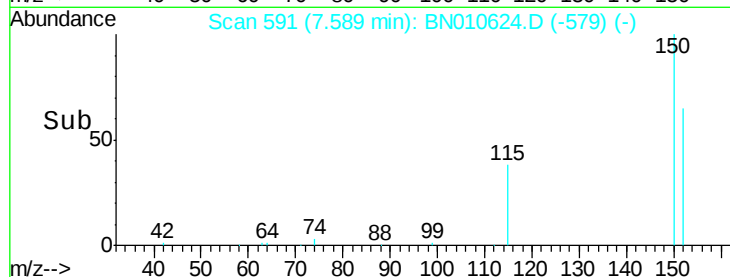
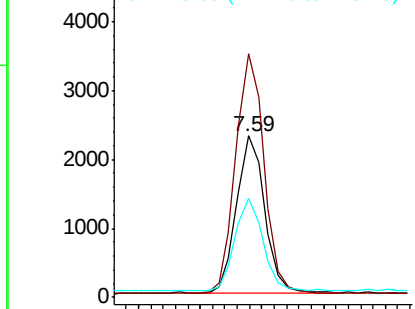
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010624.D
Acq: 28 Apr 2020 13:05

Instrument :
BNA_N
ClientSampleId :
PA-TWP-2

Tot Ion:152 Resp: 3591
Ion Ratio Lower Upper
152 100
150 151.0 121.8 182.6
115 61.2 45.5 68.3



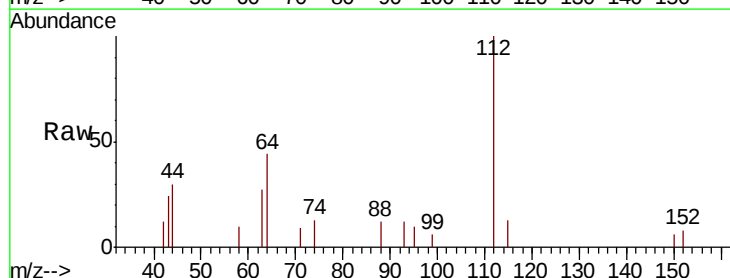
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



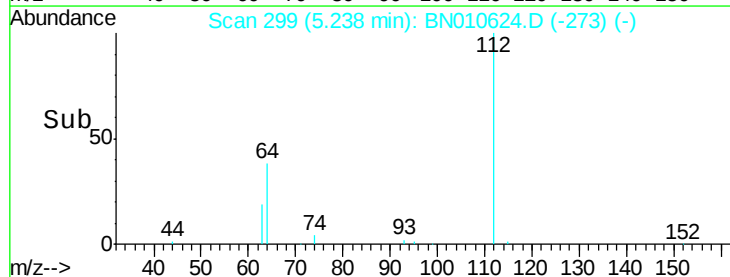
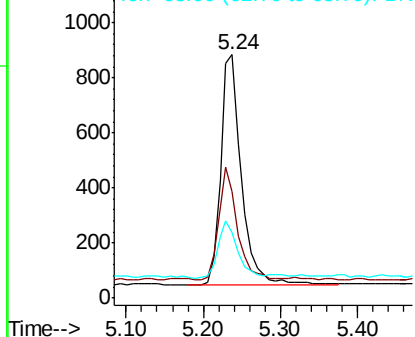
#4

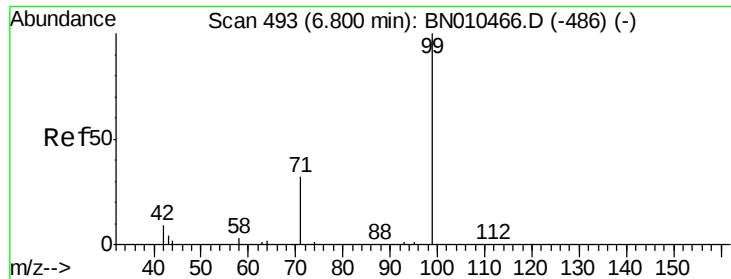
2-Fluorophenol
Concen: 0.198 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.01 min
Lab File: BN010624.D
Acq: 28 Apr 2020 13:05

Tgt Ion:112 Resp: 1554
Ion Ratio Lower Upper
112 100
64 44.6 35.8 53.8
63 23.7 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: 0.131 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2

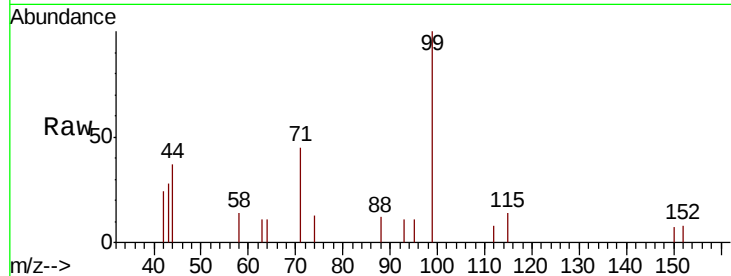
Tot Ion: 99 Resp: 1347

Ion Ratio Lower Upper

99 100

42 14.3 9.8 14.6

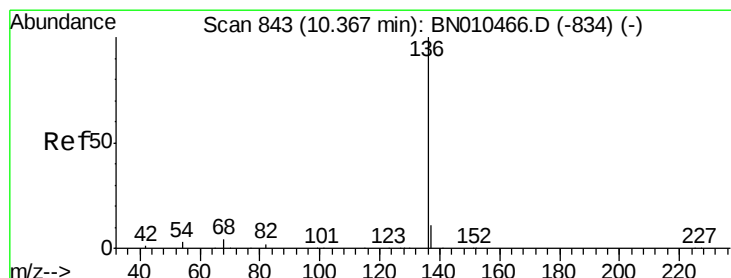
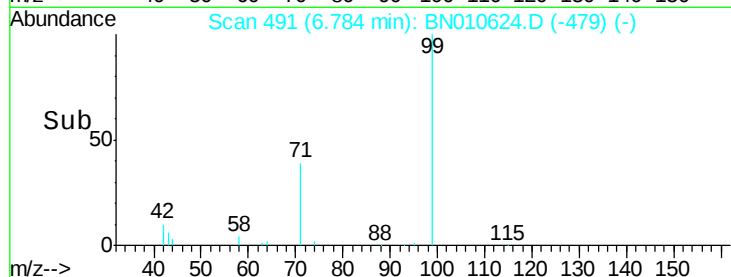
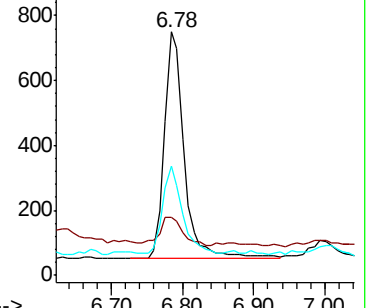
71 38.2 27.8 41.8



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: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Tgt Ion: 136 Resp: 15327

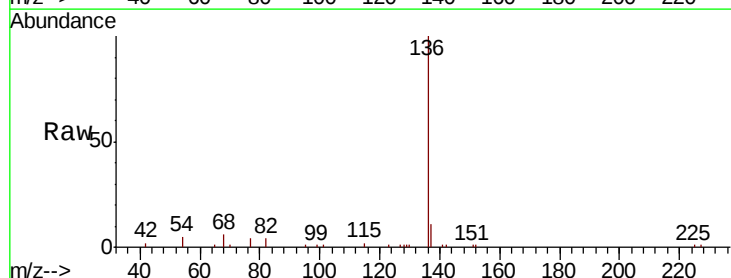
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 4.6 2.6 4.0#

68 5.7 3.4 5.2#

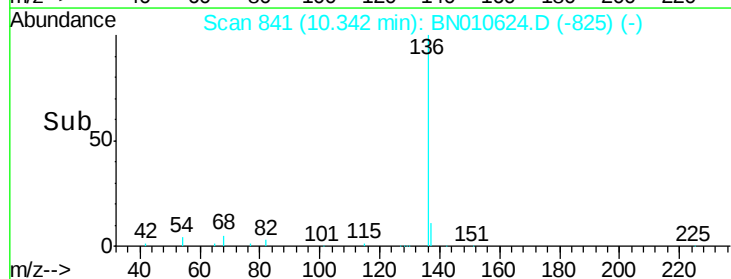
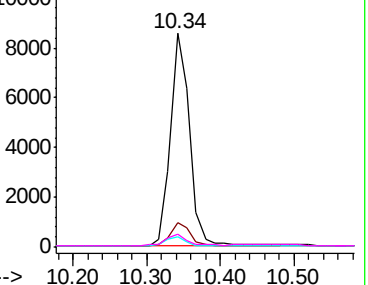


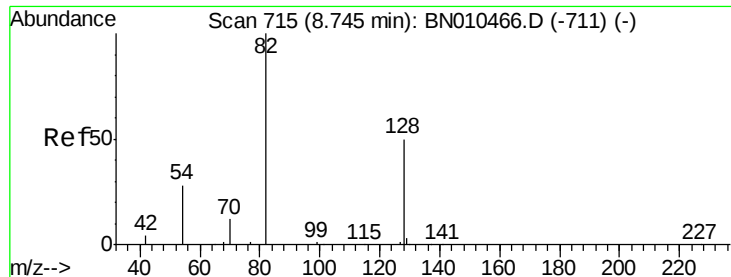
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

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: 0.380 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2

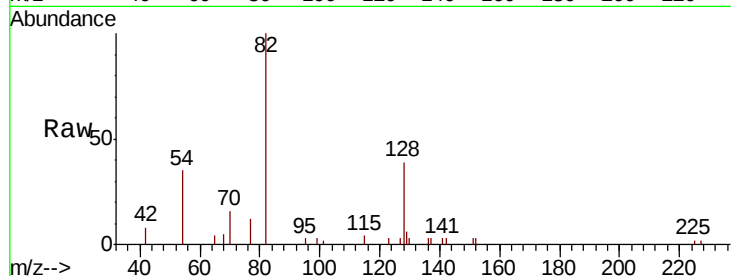
Tot Ion: 82 Resp: 4075

Ion Ratio Lower Upper

82 100

128 38.9 41.3 61.9#

54 35.2 23.4 35.0#

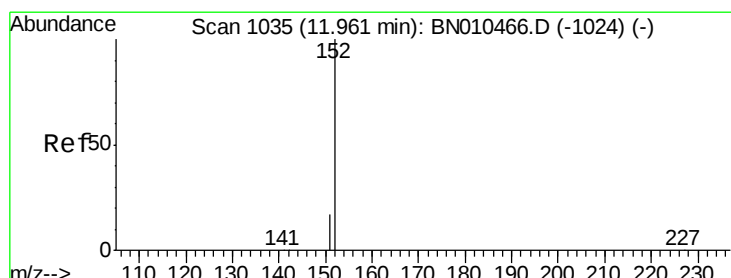
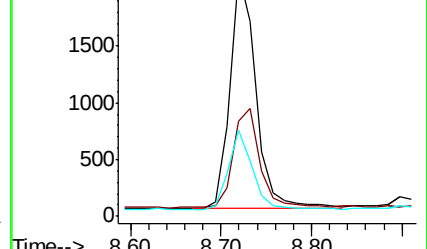
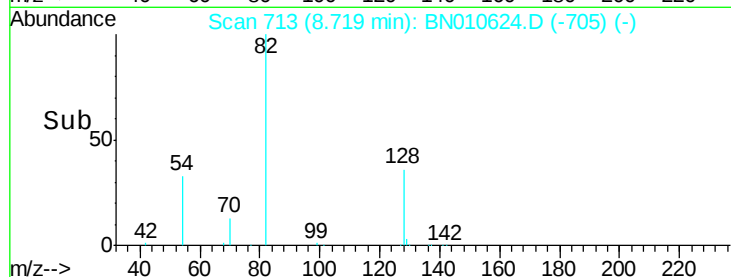


Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN010624.D

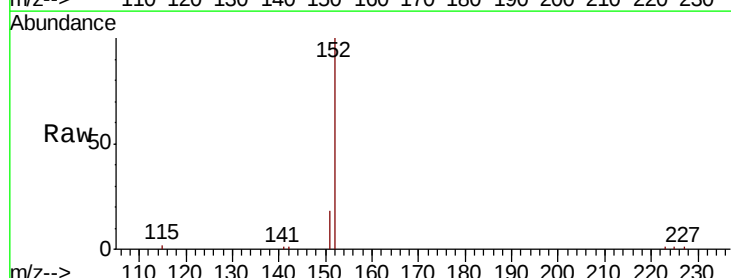
Acq: 28 Apr 2020 13:05

Tgt Ion: 152 Resp: 8747

Ion Ratio Lower Upper

152 100

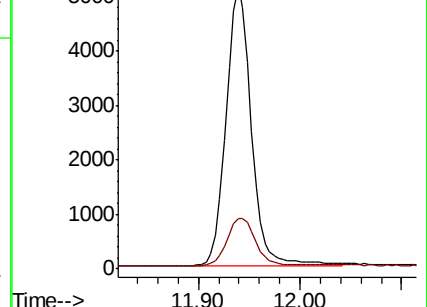
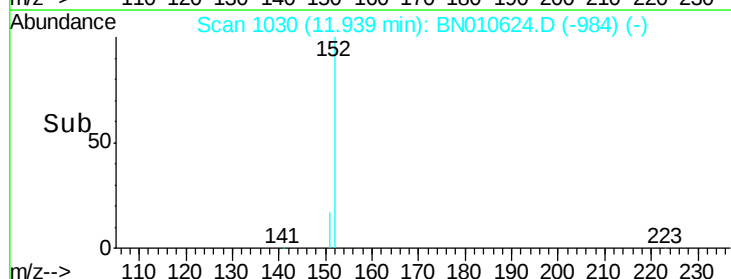
151 19.3 15.3 22.9

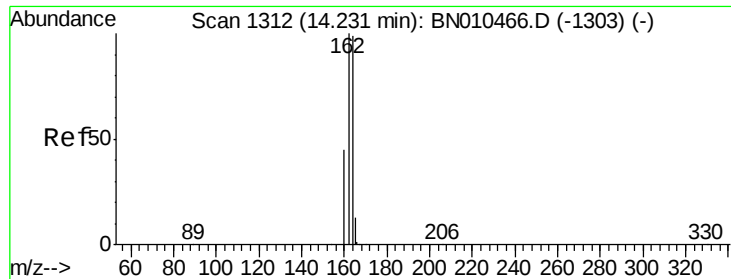


Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2

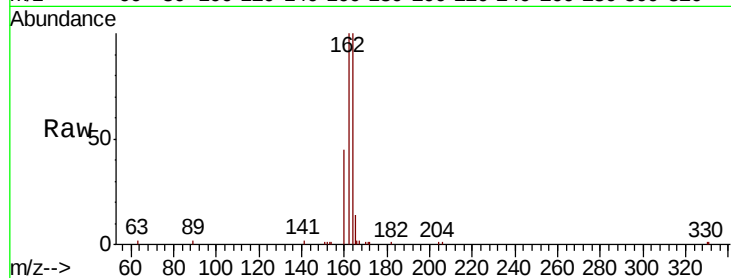
Tot Ion:164 Resp: 9804

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

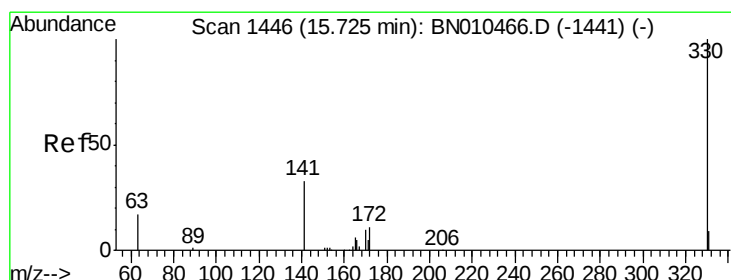
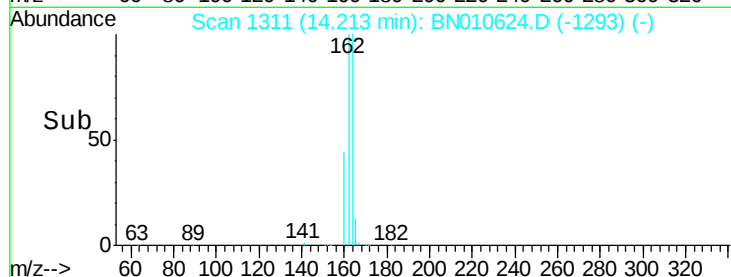
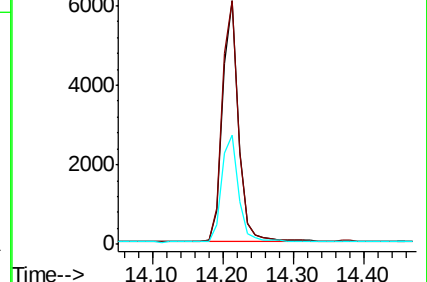
160 44.8 36.5 54.7



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: 0.553 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

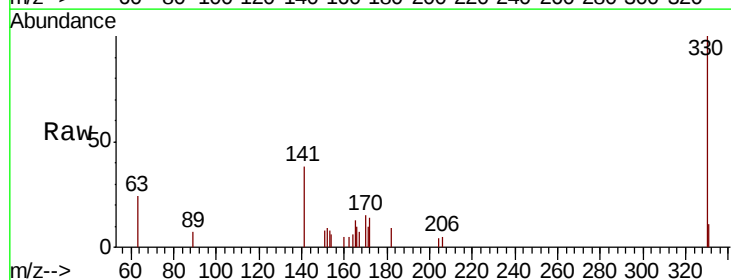
Tgt Ion:330 Resp: 2554

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

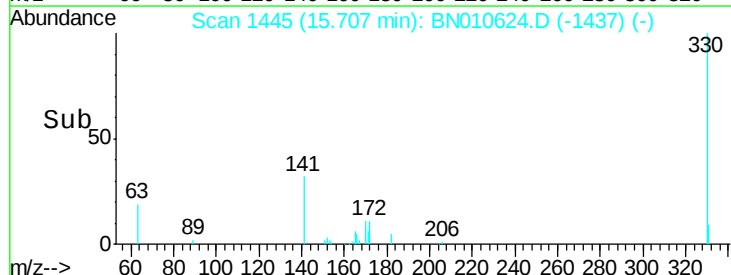
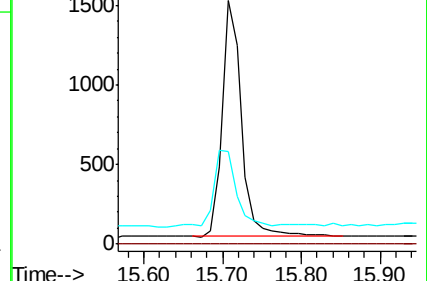
141 34.7 28.1 42.1

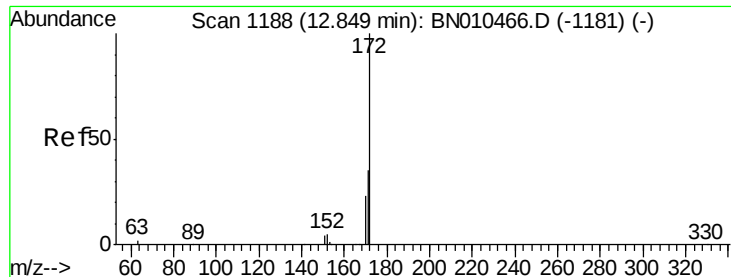


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

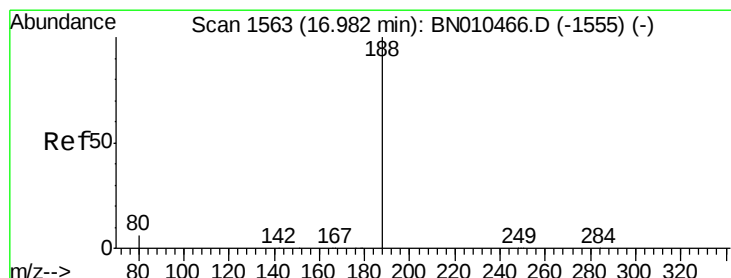
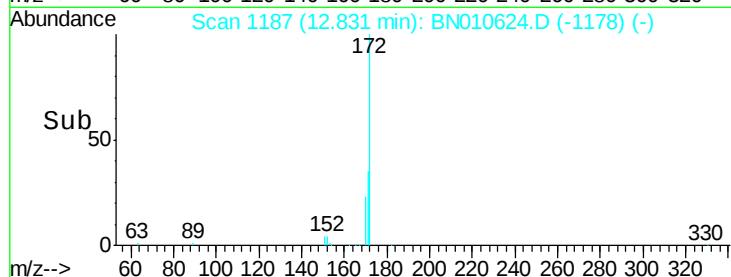
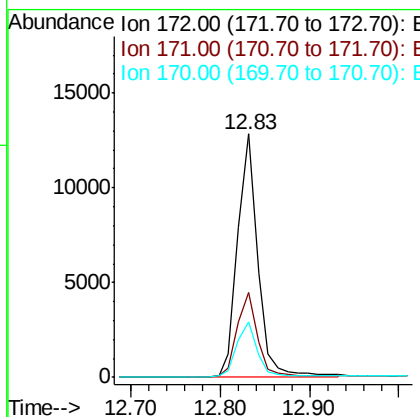
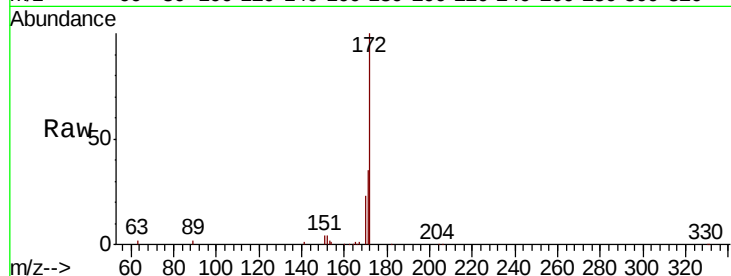




#15
2-Fluorobiphenyl
Concen: 0.560 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010624.D
Acq: 28 Apr 2020 13:05

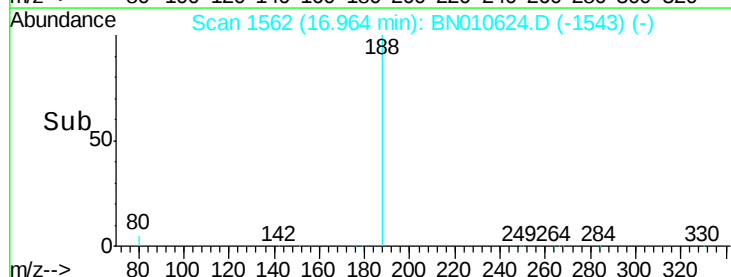
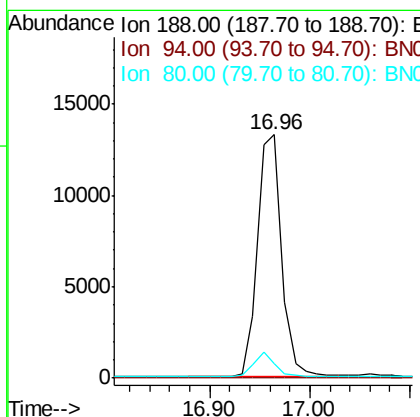
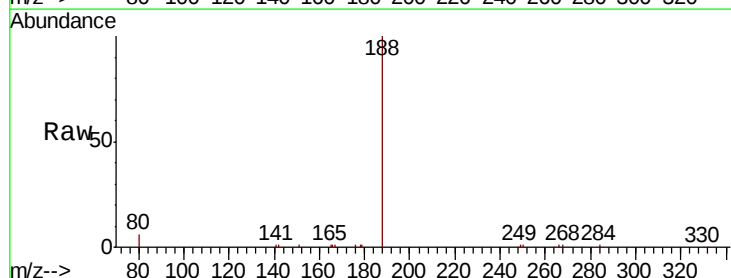
Instrument :
BNA_N
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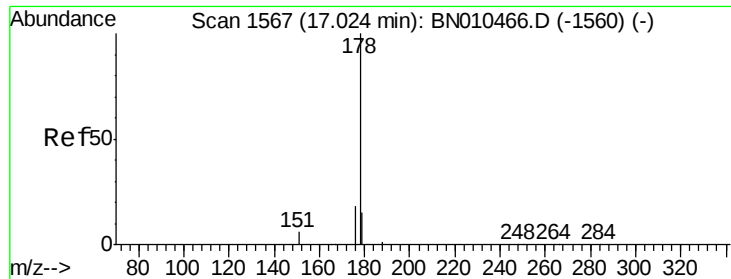
Tot Ion:172 Resp: 19970
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.0 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010624.D
Acq: 28 Apr 2020 13:05

Tgt Ion:188 Resp: 22315
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 5.0 7.6





#23

Phenanthrene

Concen: 0.032 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2

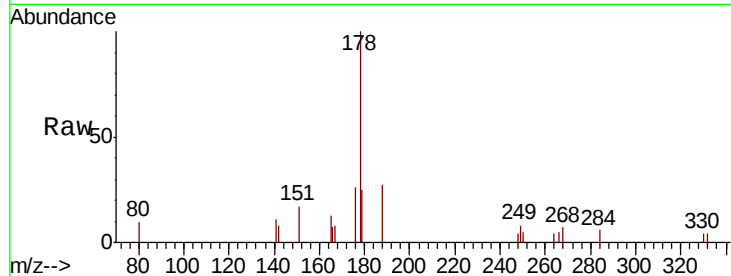
Tot Ion:178 Resp: 1945

Ion Ratio Lower Upper

178 100

176 22.0 15.0 22.4

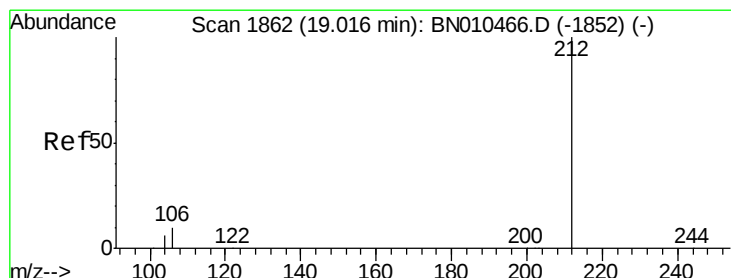
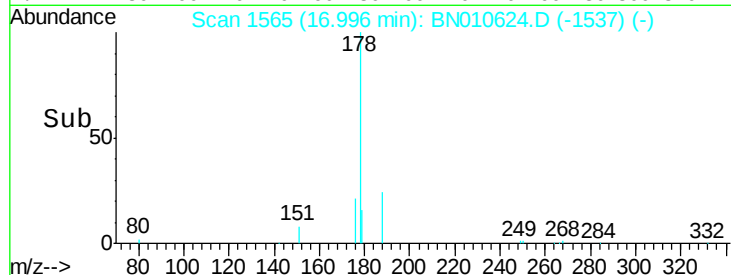
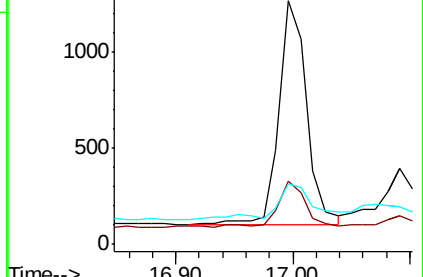
179 22.3 12.6 18.8#



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: 0.365 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

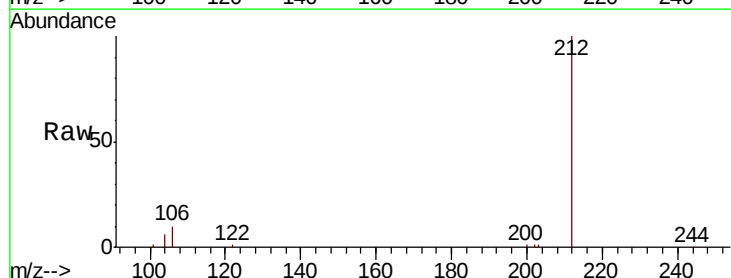
Tgt Ion:212 Resp: 24726

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

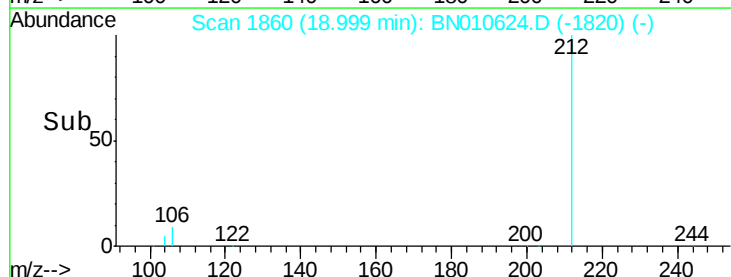
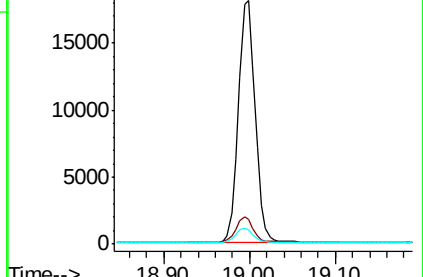
104 6.0 4.5 6.7

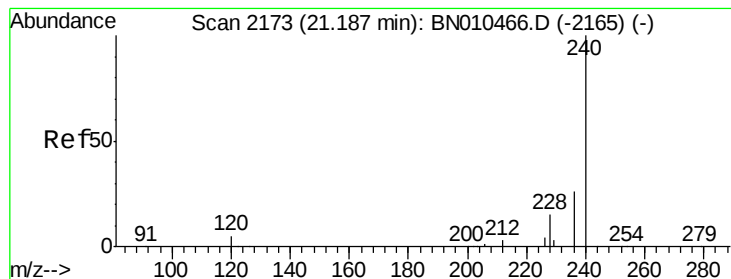


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2

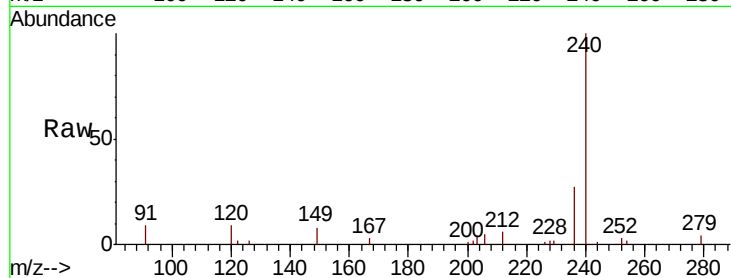
Tot Ion:240 Resp: 18612

Ion Ratio Lower Upper

240 100

120 9.4 4.8 7.2#

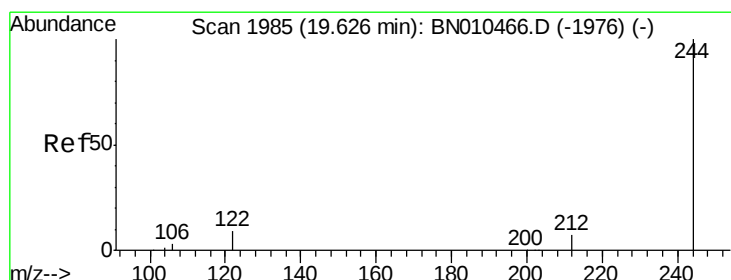
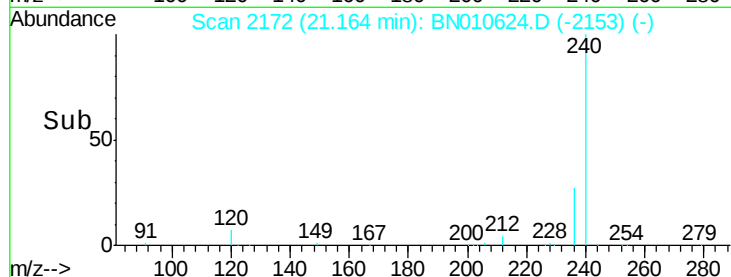
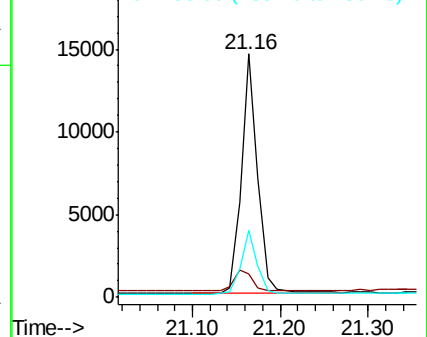
236 27.5 21.4 32.0



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: 0.922 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010624.D

Acq: 28 Apr 2020 13:05

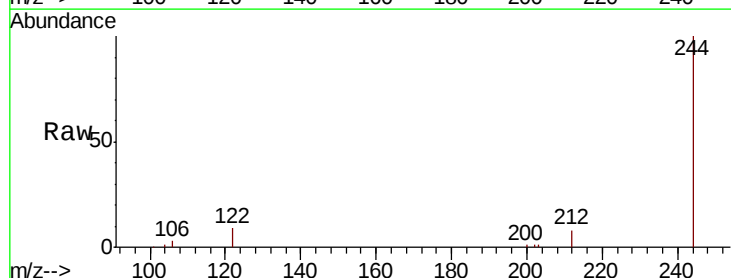
Tgt Ion:244 Resp: 39286

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

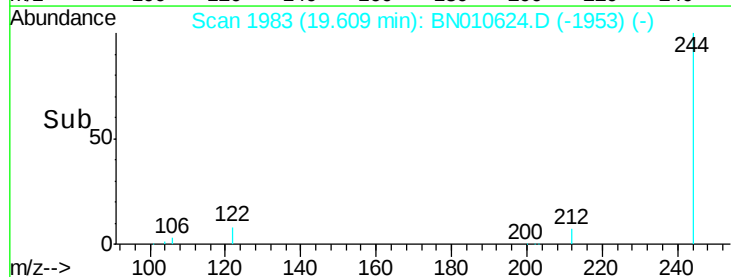
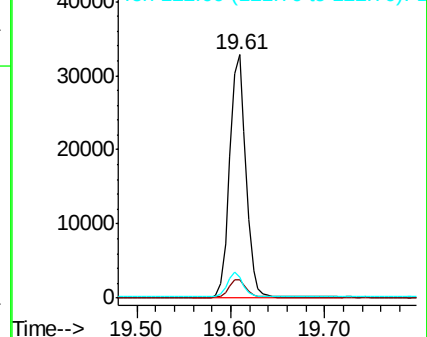
122 8.8 7.8 11.8

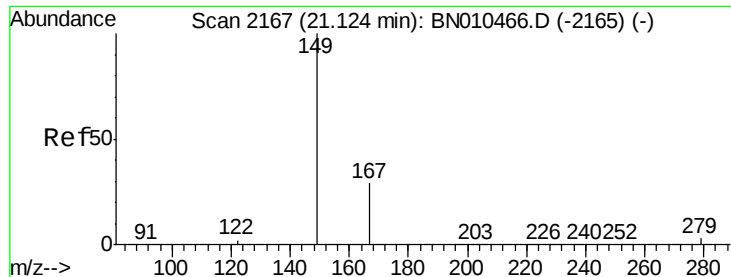


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

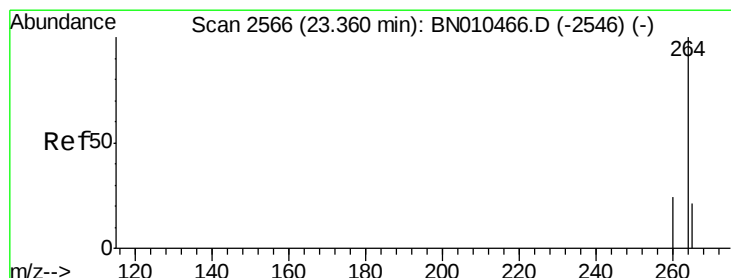
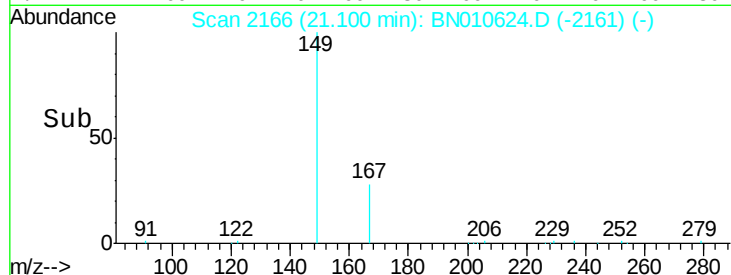
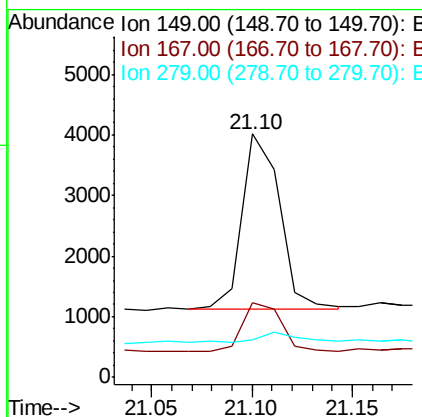
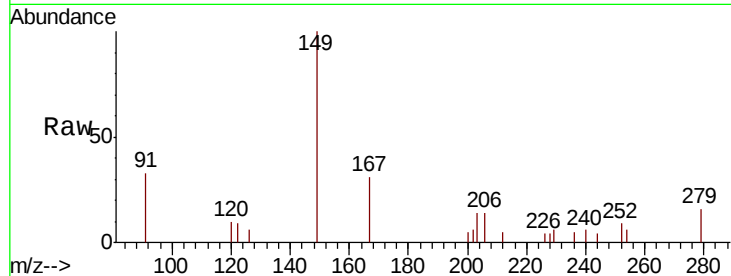




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010624.D
 Acq: 28 Apr 2020 13:05

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-2

Tot Ion:149 Resp: 3784
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.4 35.0
 279 7.1 4.0 6.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.33 min Scan# 2560
 Delta R.T. -0.00 min
 Lab File: BN010624.D
 Acq: 28 Apr 2020 13:05

Tgt Ion:264 Resp: 16659
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 71.0 42.3 63.5#

