

Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
Operator : HP/JU
Sample : K4356-11RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Aug 17 03:09:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

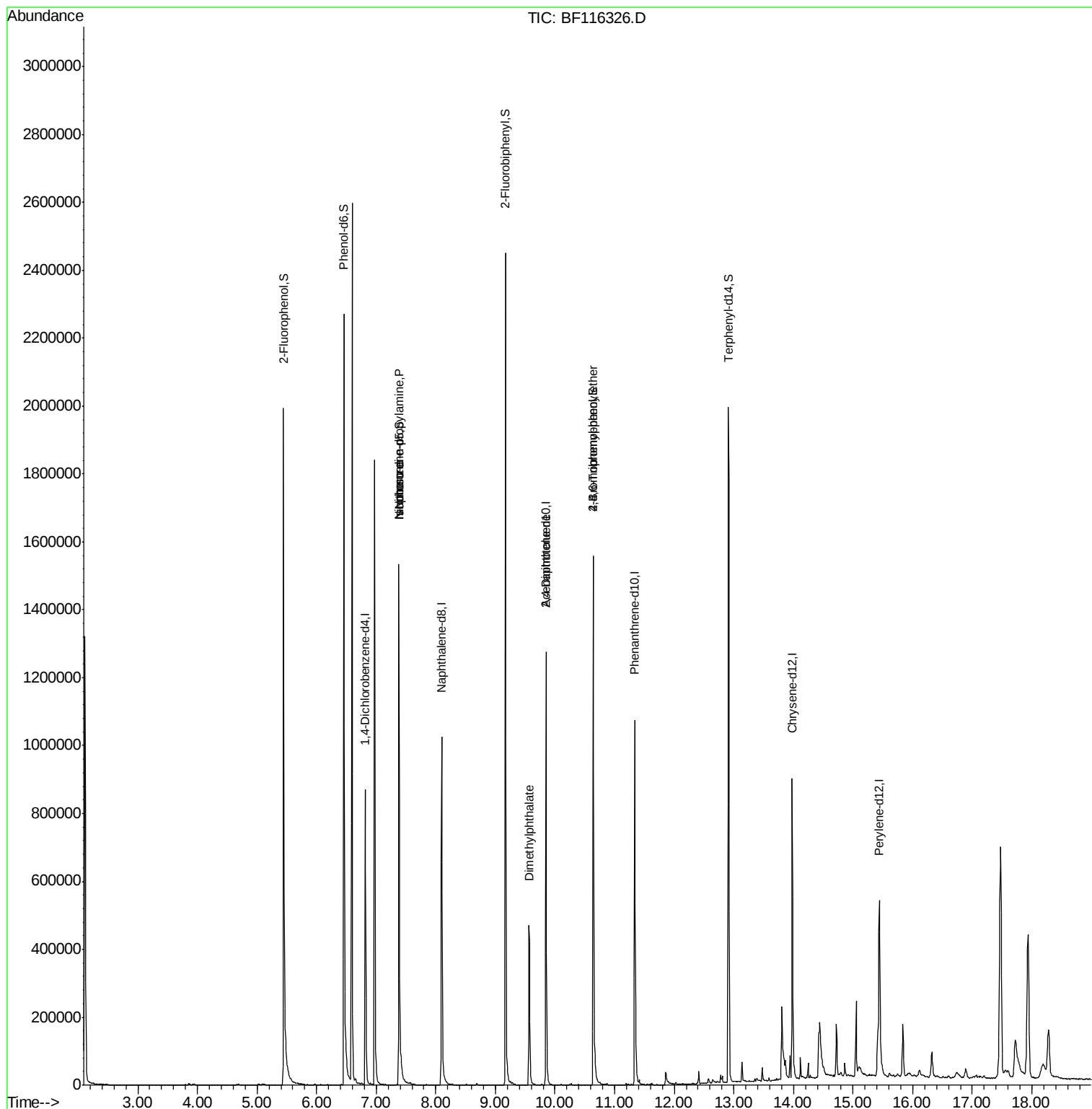
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138615	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	539337	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	282557	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	502425	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	342835	20.00	ng	-0.03
87) Perylene-d12	15.44	264	306319	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	700058	84.55	ng	-0.02
7) Phenol-d6	6.46	99	891951	85.38	ng	-0.03
23) Nitrobenzene-d5	7.38	82	593229	63.49	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	216383	78.99	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	797763	52.88	ng	-0.04
79) Terphenyl-d14	12.91	244	704218	43.28	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	76894	11.878	ng	# 79
25) Isophorone	7.38	82	593259	33.206	ng	# 65
50) Dimethylphthalate	9.56	163	239188	12.432	ng	100
57) 2,4-Dinitrotoluene	9.85	165	36440	6.546	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	13083	2.432	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

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TP-6

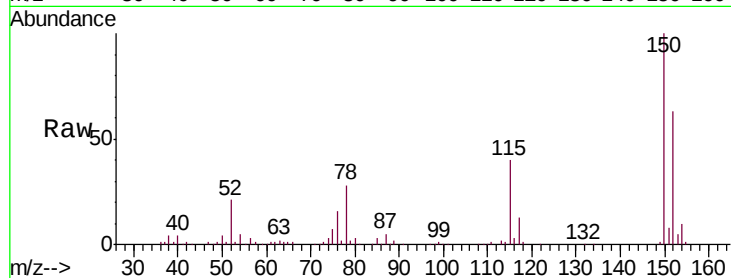
Tgt Ion:152 Resp: 138615

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

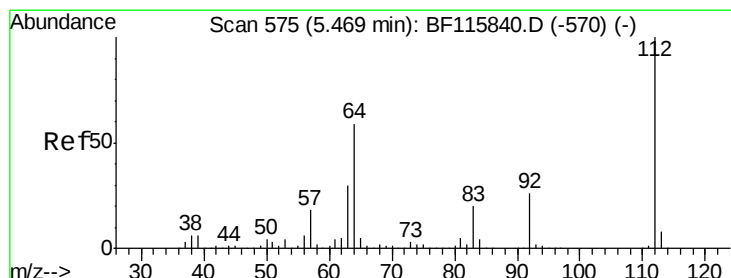
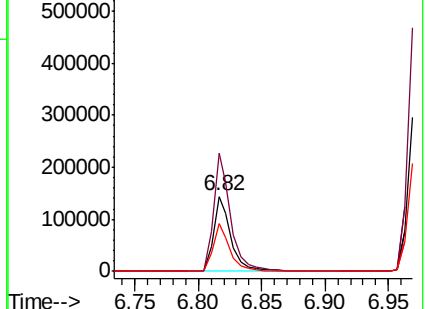
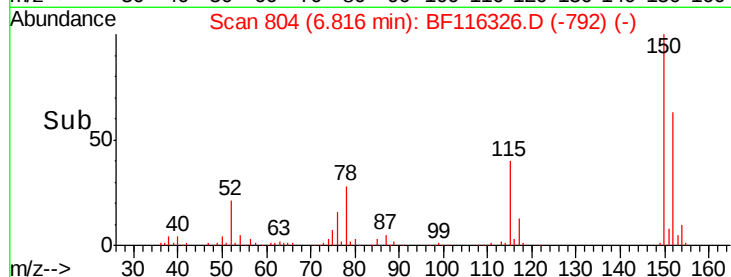
115 63.0 49.9 74.9



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



#5

2-Fluorophenol

Concen: 84.546 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

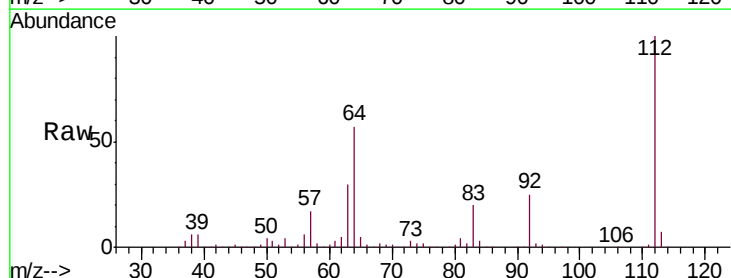
Tgt Ion:112 Resp: 700058

Ion Ratio Lower Upper

112 100

64 57.2 45.4 68.2

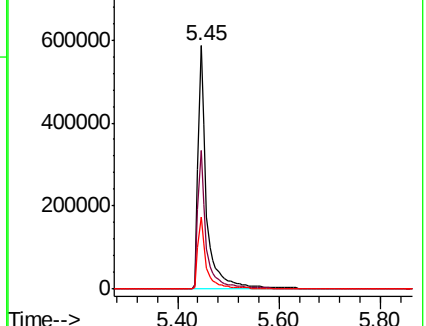
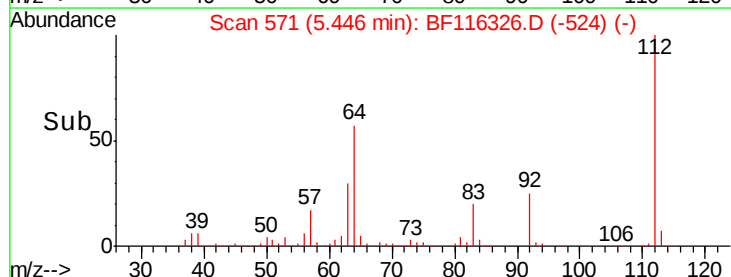
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.380 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

TP-6

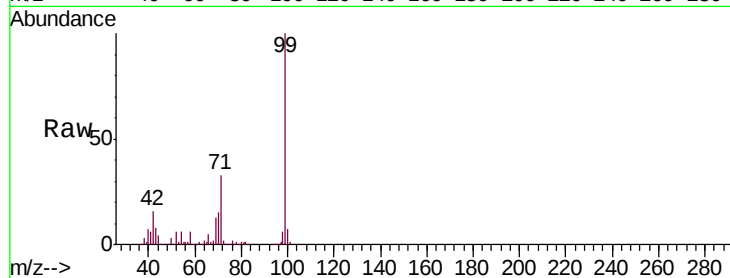
Tgt Ion: 99 Resp: 891951

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

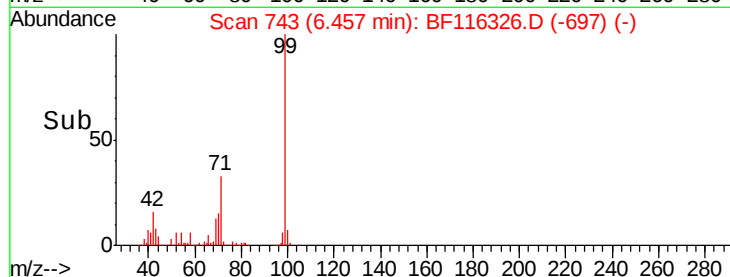
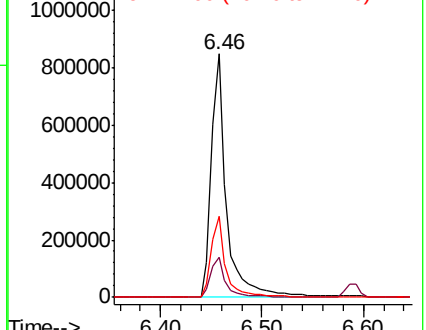
71 33.3 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.878 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Tgt Ion: 70 Resp: 76894

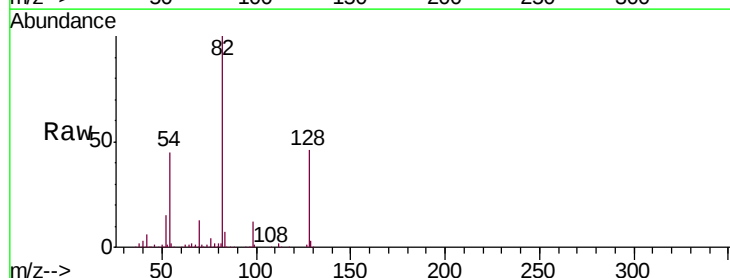
Ion Ratio Lower Upper

70 100

42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

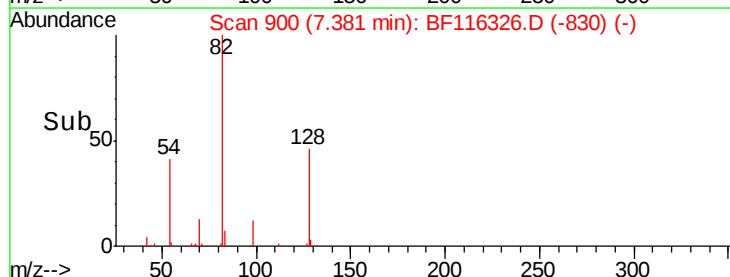
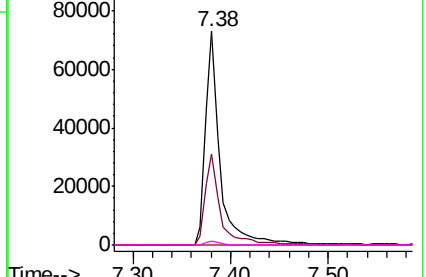


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

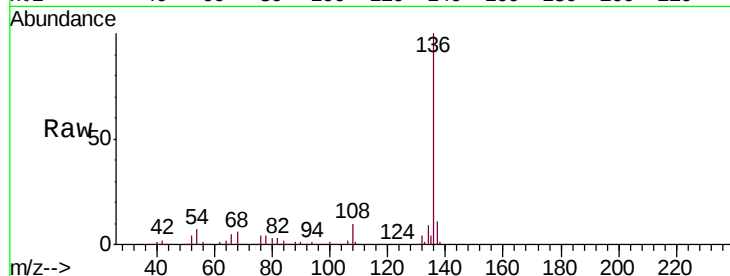




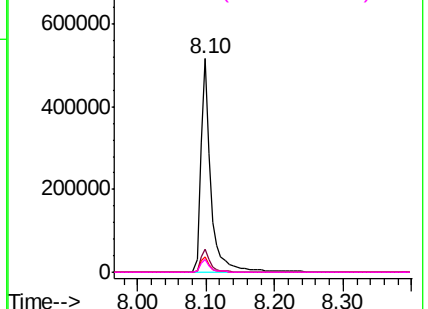
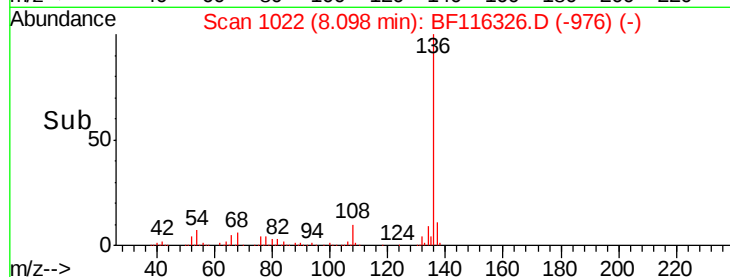
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:	136	Resp:	539337
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.8	8.6
68	6.0	5.2	7.8

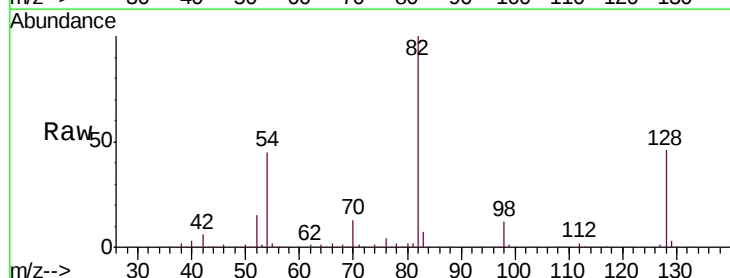


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

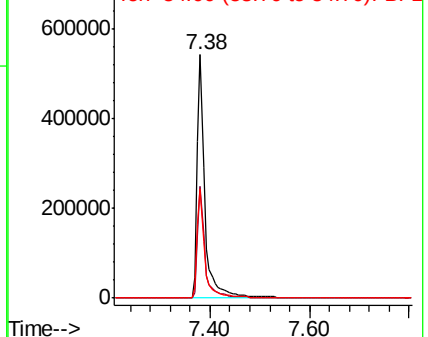
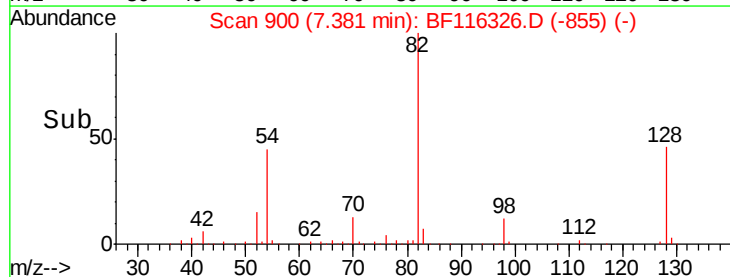


#23
Nitrobenzene-d5
Concen: 63.491 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Tgt Ion:	82	Resp:	593229
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	45.0	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.206 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

TP-6

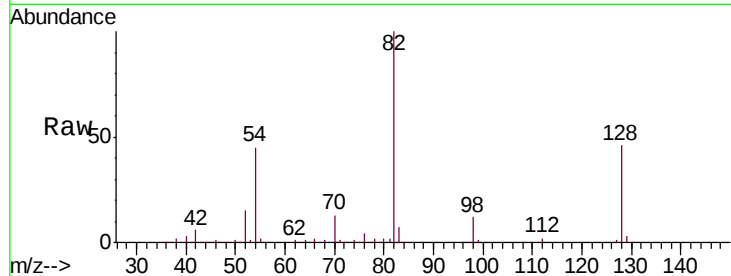
Tgt Ion: 82 Resp: 593259

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

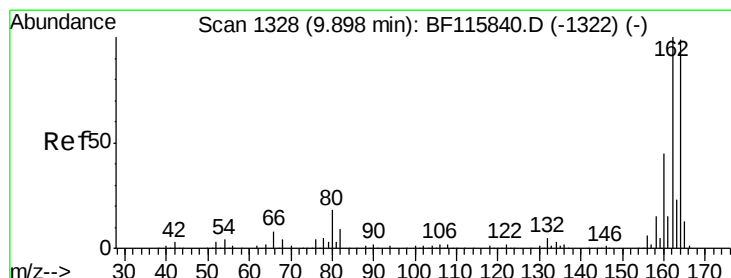
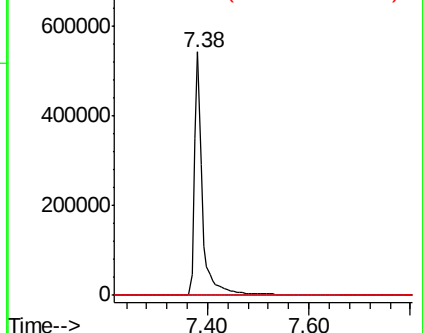
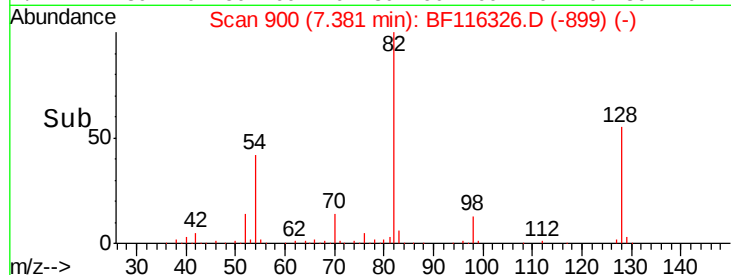
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

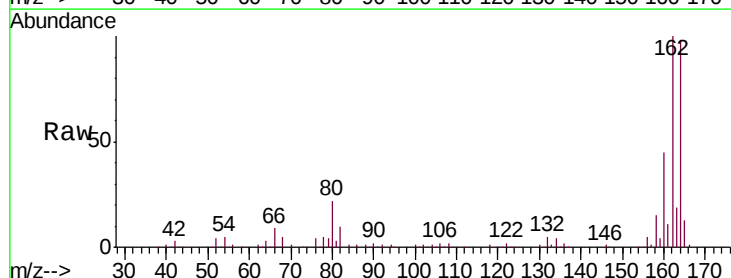
Tgt Ion: 164 Resp: 282557

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

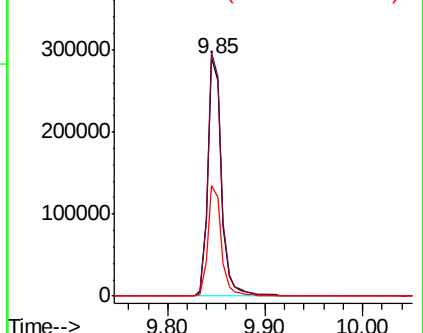
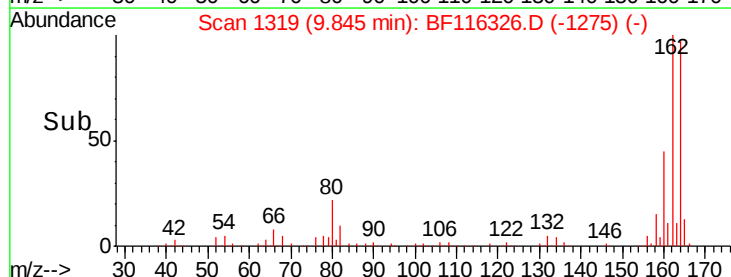
160 46.4 37.6 56.4



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

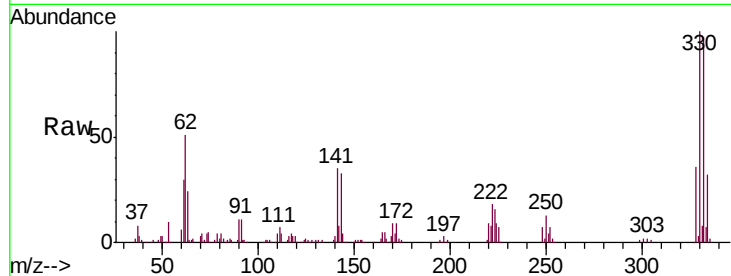




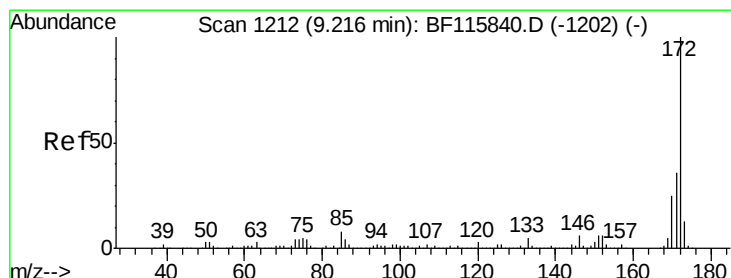
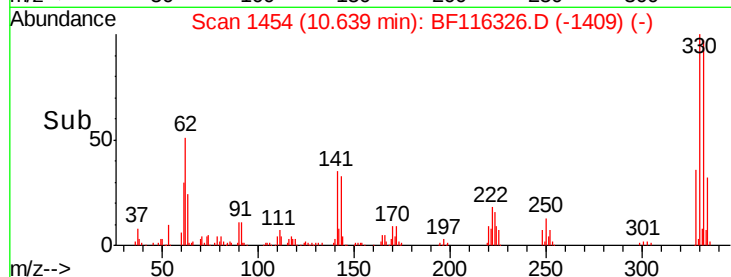
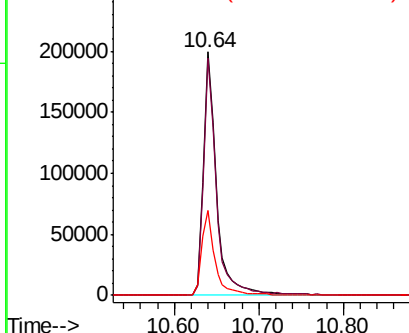
#42
 2,4,6-Tribromophenol
 Concen: 78.987 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:330 Resp: 216383
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 35.0 26.3 39.5

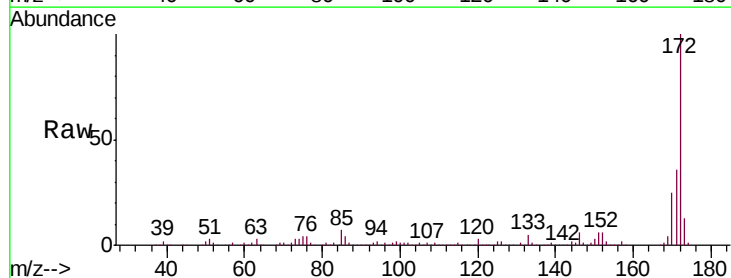


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

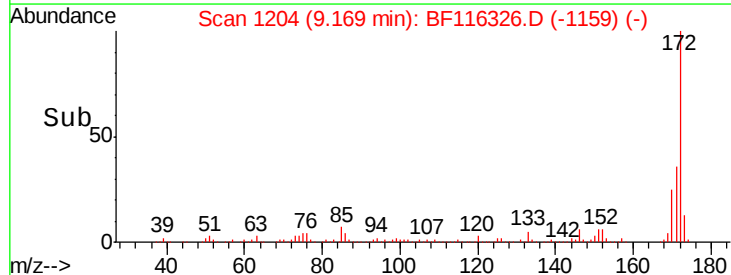
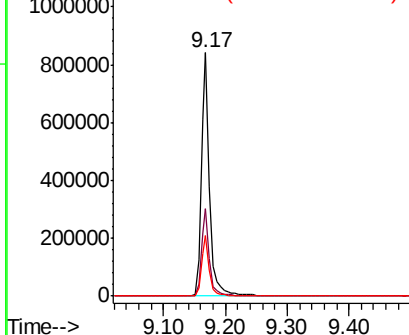


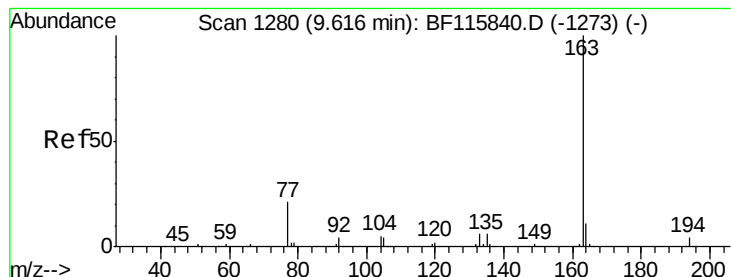
#45
 2-Fluorobiphenyl
 Concen: 52.884 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

Tgt Ion:172 Resp: 797763
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.8 20.1 30.1



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





#50

Dimethylphthalate

Concen: 12.432 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

TP-6

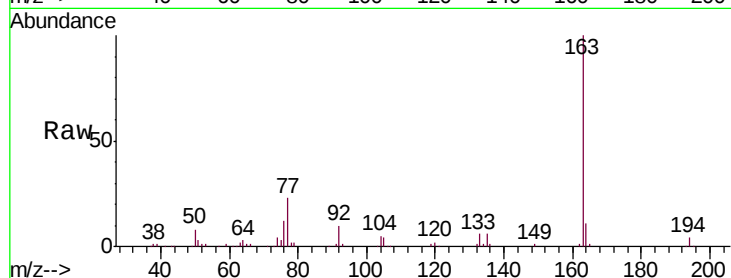
Tgt Ion:163 Resp: 239188

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

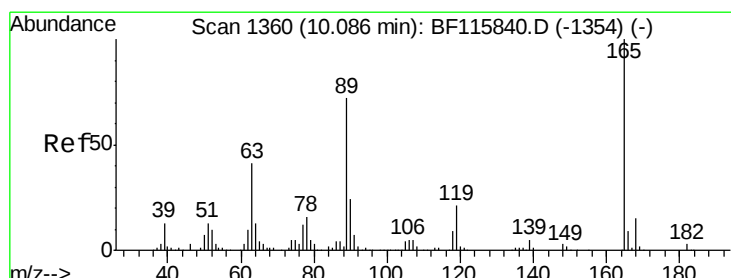
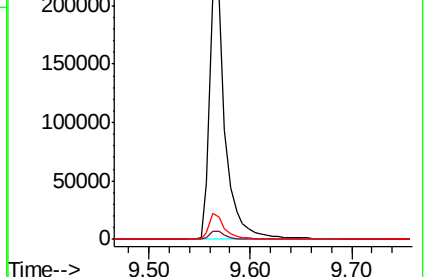
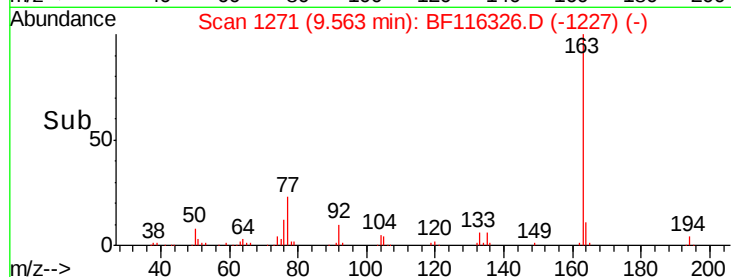
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.546 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Tgt Ion:165 Resp: 36440

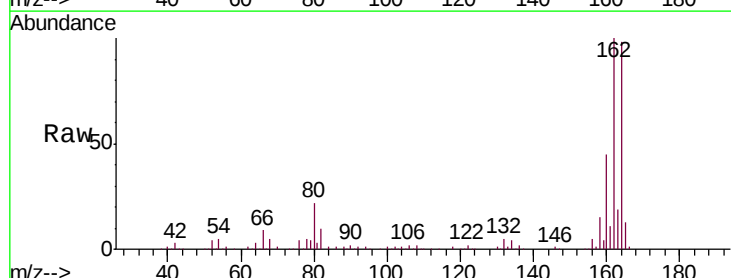
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

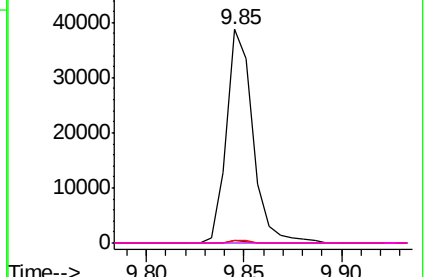
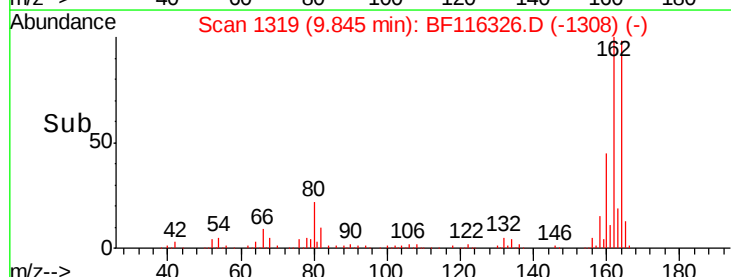


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116326.D

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Instrument :

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ClientSampled :

TP-6

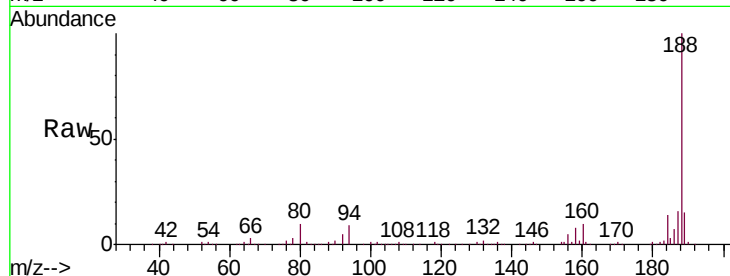
Tgt Ion:188 Resp: 502425

Ion Ratio Lower Upper

188 100

94 9.1 8.1 12.1

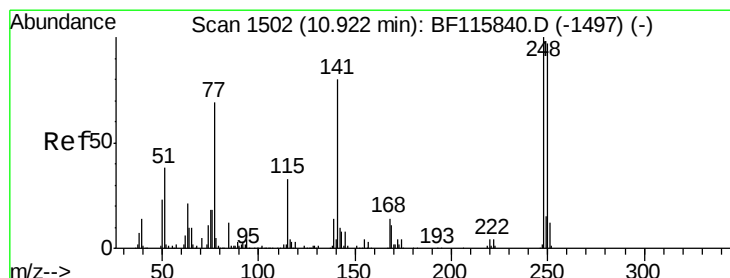
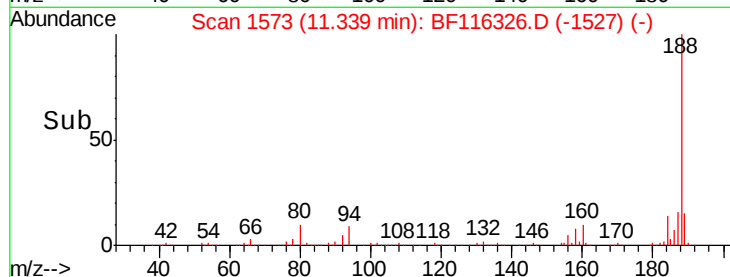
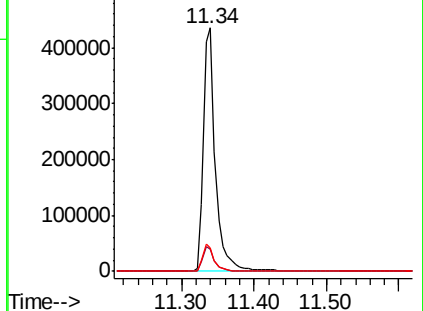
80 9.6 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.432 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.27 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

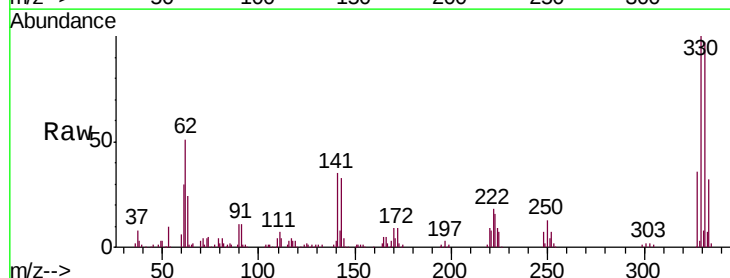
Tgt Ion:248 Resp: 13083

Ion Ratio Lower Upper

248 100

250 191.4 77.4 116.2#

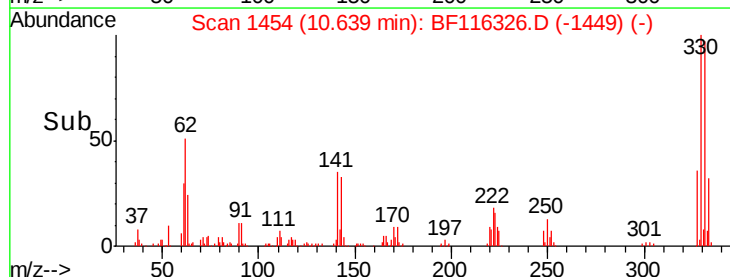
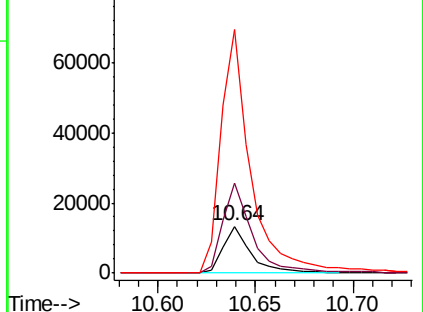
141 518.7 56.8 85.2#

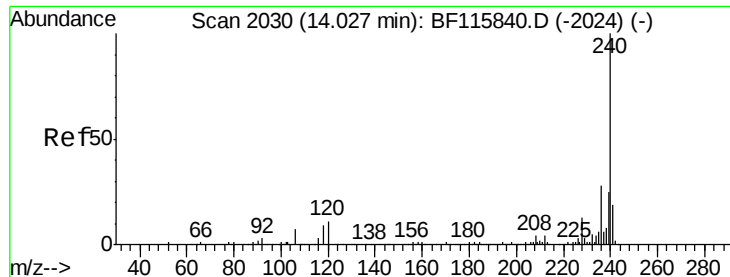


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

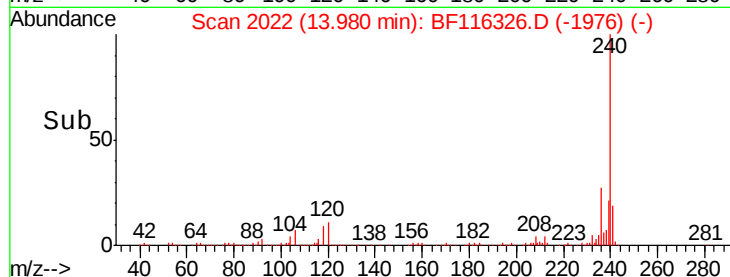
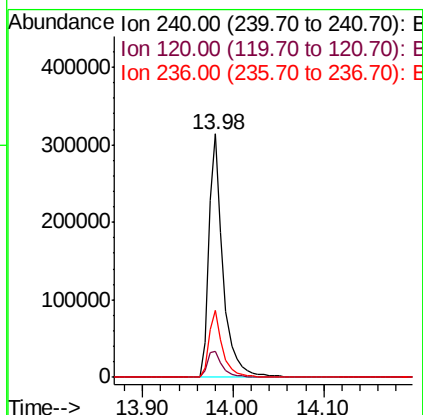
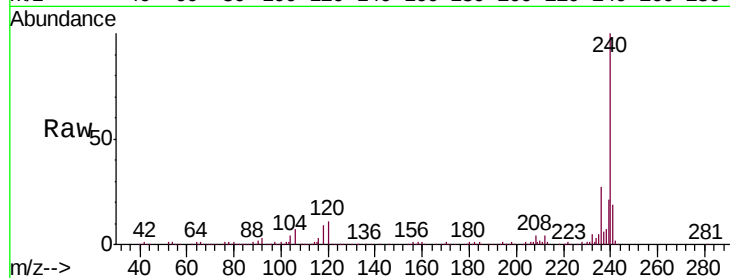




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

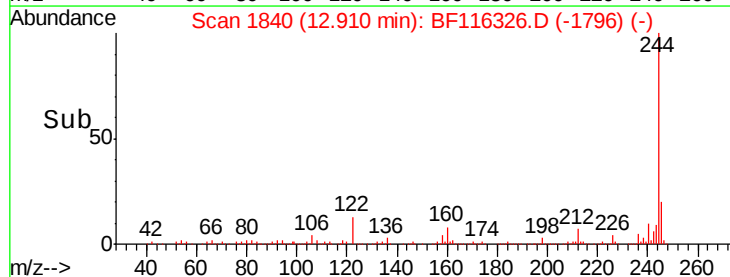
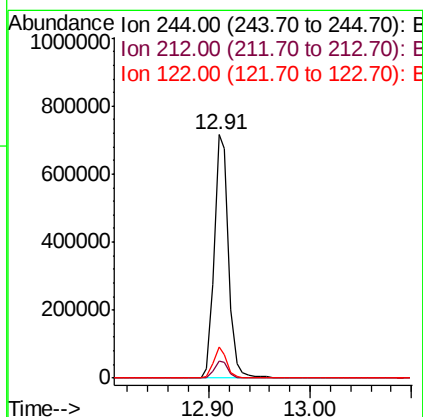
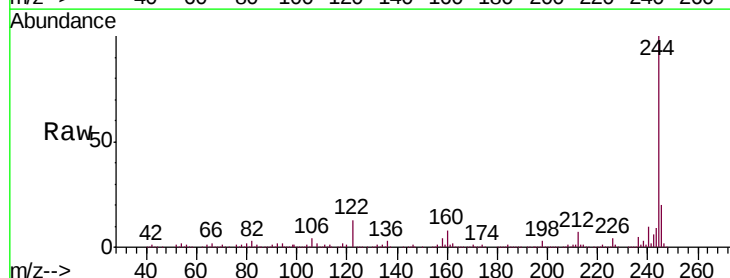
Instrument :
BNA_F
ClientSampleId :
TP-6

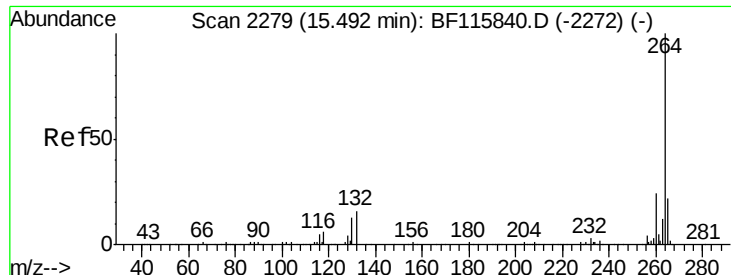
Tgt Ion:240 Resp: 342835
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.3 22.2 33.2



#79
Terphenyl-d14
Concen: 43.283 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Tgt Ion:244 Resp: 704218
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.6 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 264 Resp: 306319

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.1	17.4	26.0

