

Data File : BF116319.D
Acq On : 16 Aug 2019 13:47
Operator : HP/JU
Sample : K4356-13RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Time: Aug 17 03:07:41 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

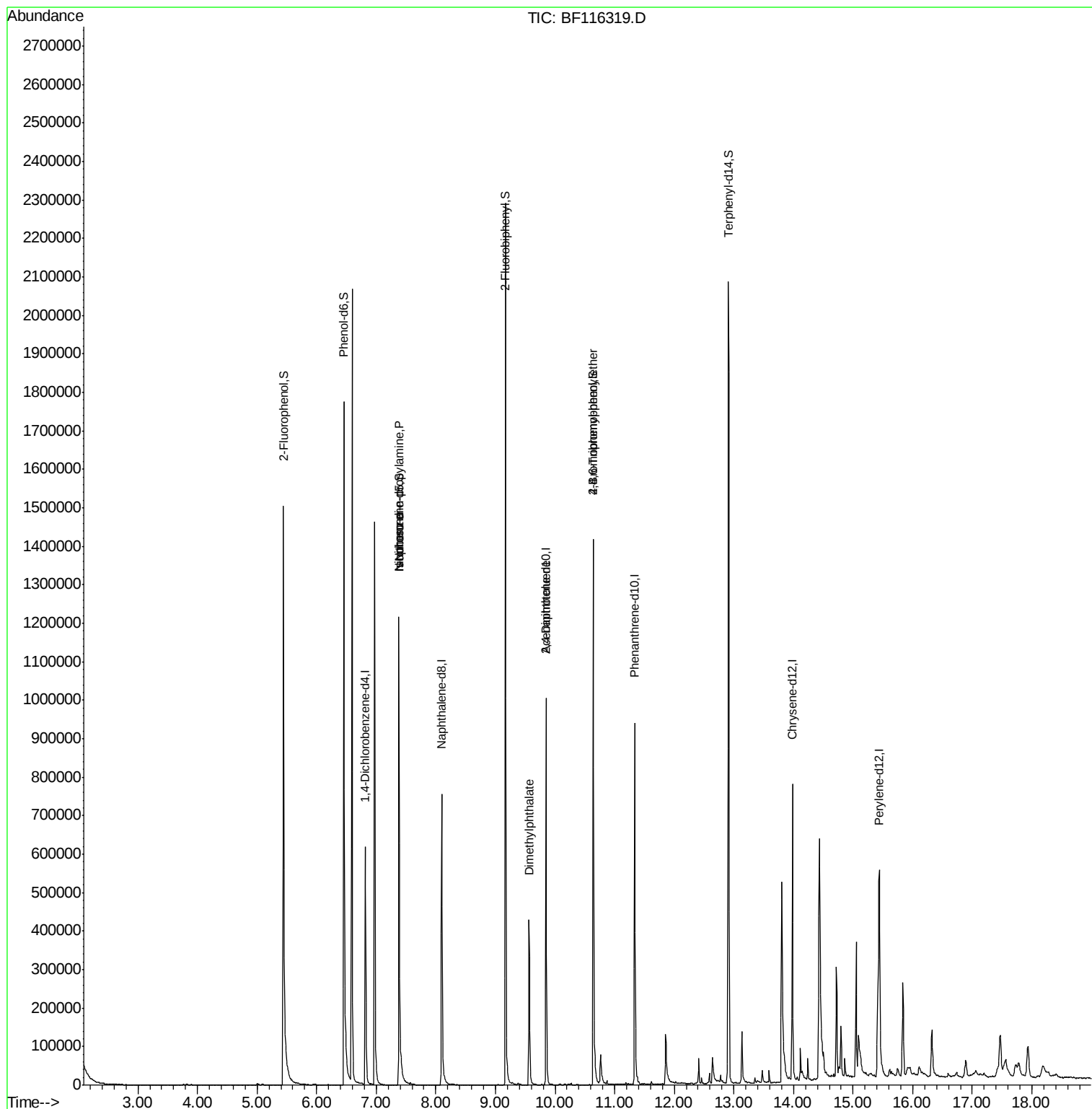
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	102045	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	406558	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	222212	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	410309	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	292073	20.00	ng	-0.03
87) Perylene-d12	15.44	264	290755	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	581096	95.33	ng	-0.03
7) Phenol-d6	6.46	99	746618	97.08	ng	-0.03
23) Nitrobenzene-d5	7.38	82	478415	67.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	193973	90.04	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	716274	60.38	ng	-0.04
79) Terphenyl-d14	12.91	244	714729	51.56	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	61549	12.915	ng	# 80
25) Isophorone	7.38	82	478413	35.523	ng	# 65
50) Dimethylphthalate	9.56	163	202537	13.386	ng	99
57) 2,4-Dinitrotoluene	9.85	165	27974	6.390	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	11504	2.619	ng	# 1

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

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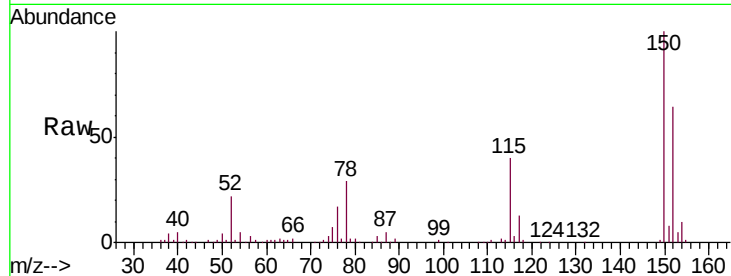


#1

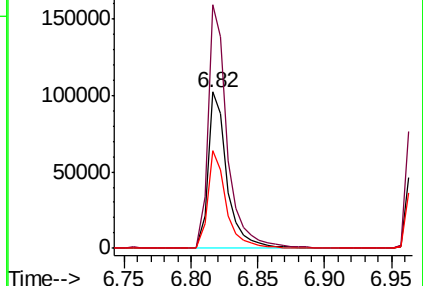
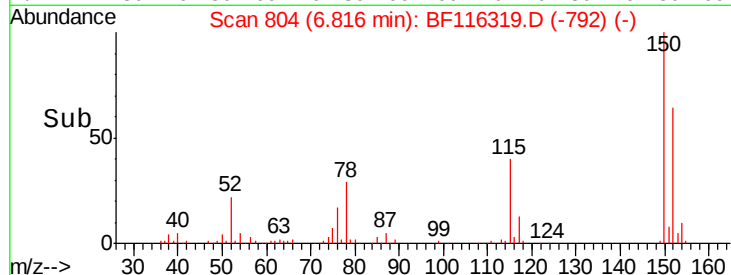
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Instrument :
BNA_F
ClientSampled :
TP-7

Tgt Ion:152 Resp: 102045
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.4 49.9 74.9



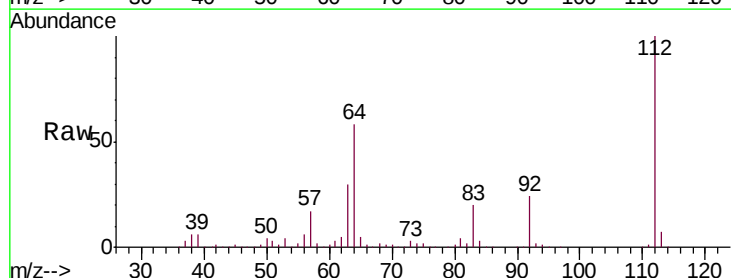
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



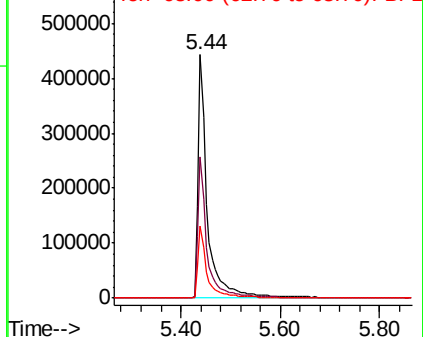
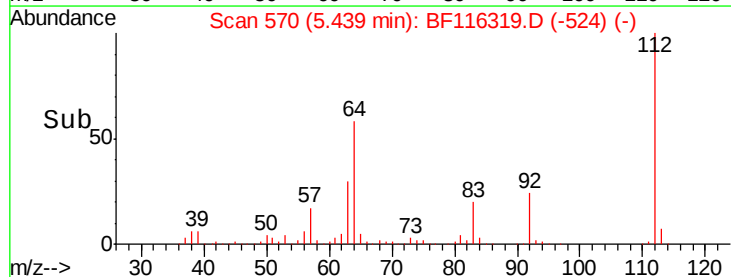
#5

2-Fluorophenol
Concen: 95.330 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Tgt Ion:112 Resp: 581096
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 29.5 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: 97.080 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-7

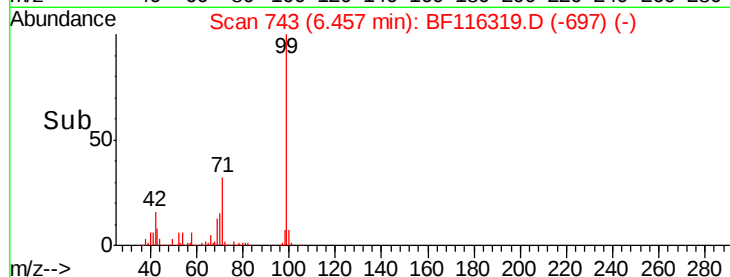
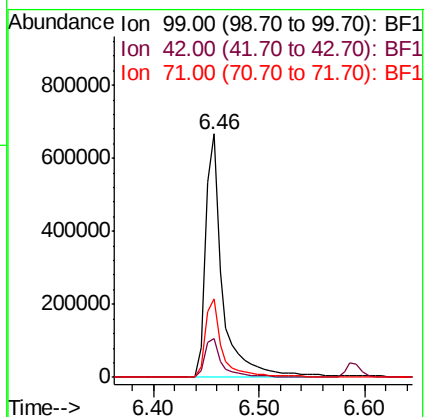
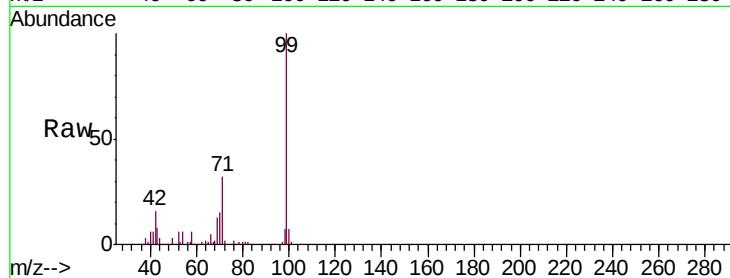
Tgt Ion: 99 Resp: 746618

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 32.3 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.915 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Tgt Ion: 70 Resp: 61549

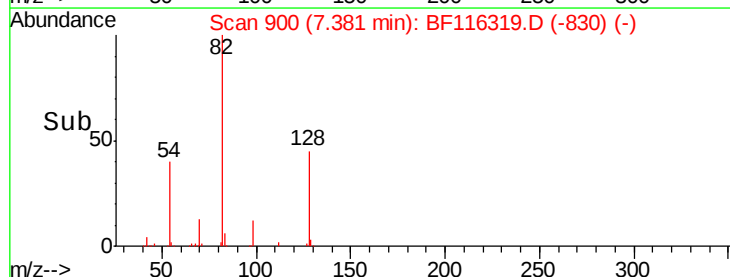
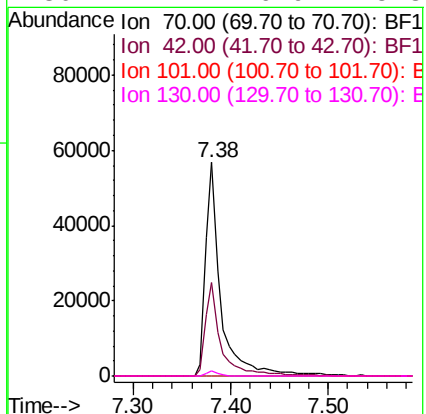
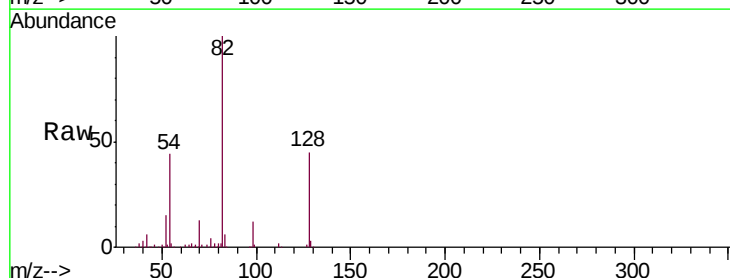
Ion Ratio Lower Upper

70 100

42 43.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

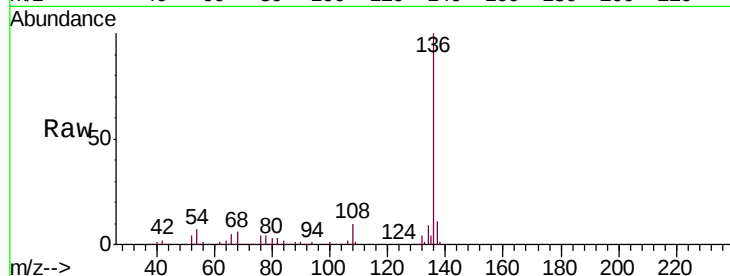




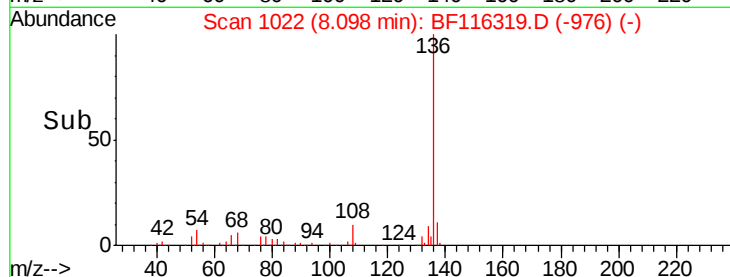
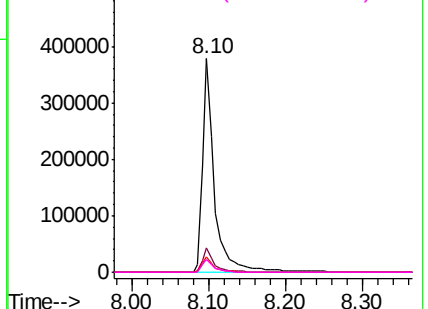
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:	136	Resp:	406558
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.0	5.8	8.6
68	6.2	5.2	7.8

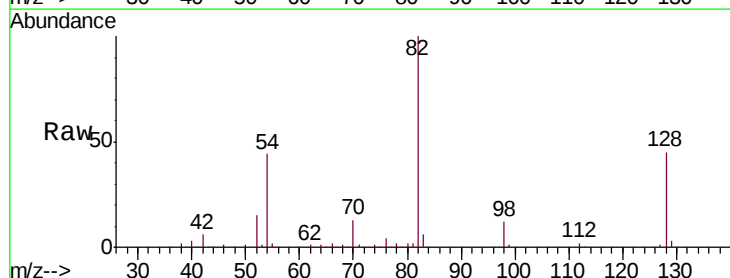


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

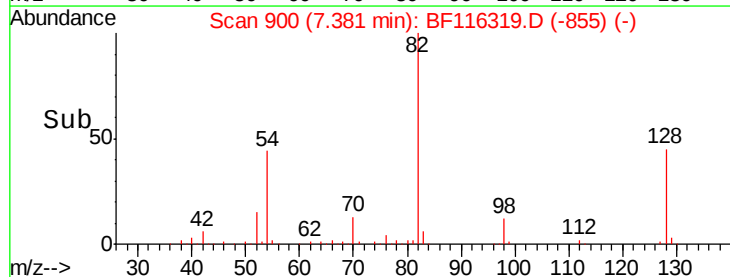
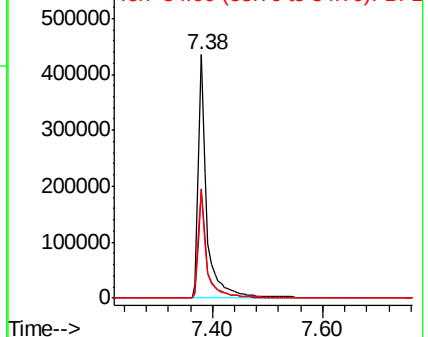


#23
Nitrobenzene-d5
Concen: 67.925 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Tgt Ion:	82	Resp:	478415
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	43.8	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

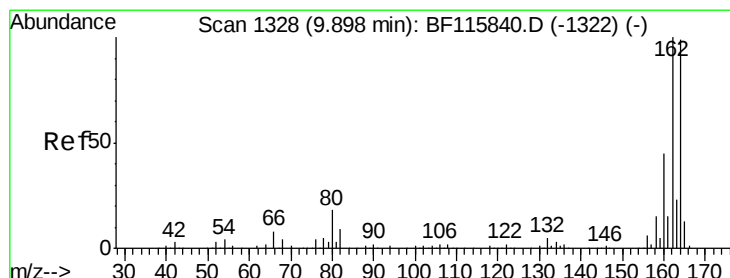
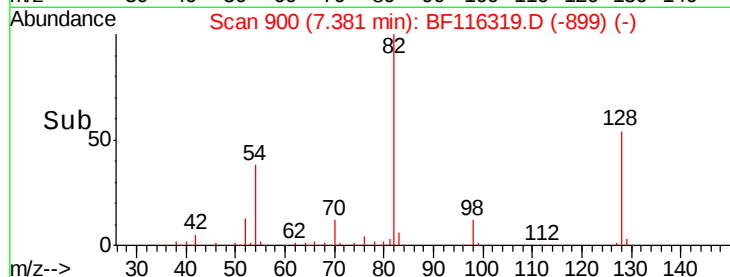
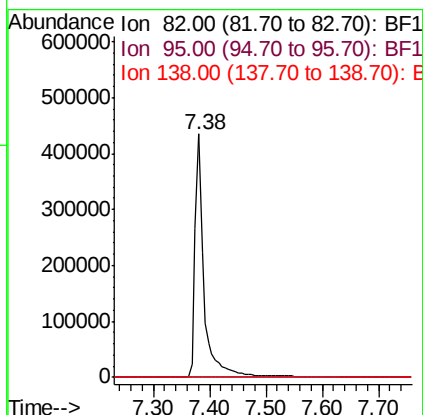
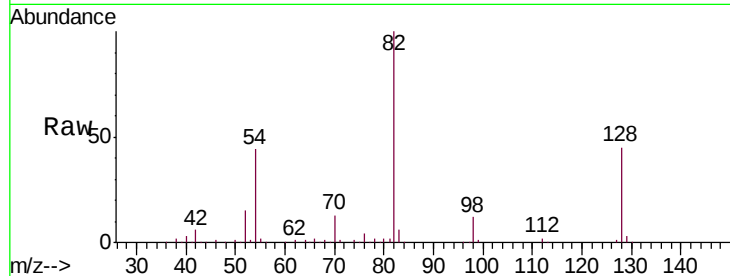




#25
Isophorone
Concen: 35.523 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

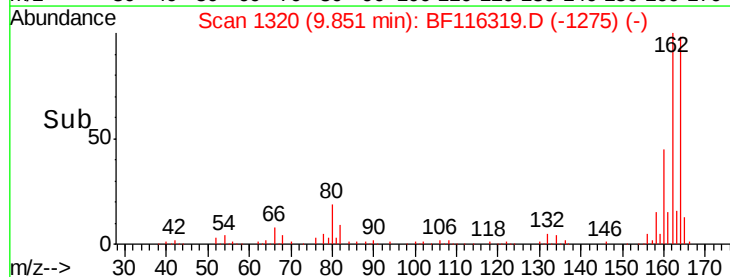
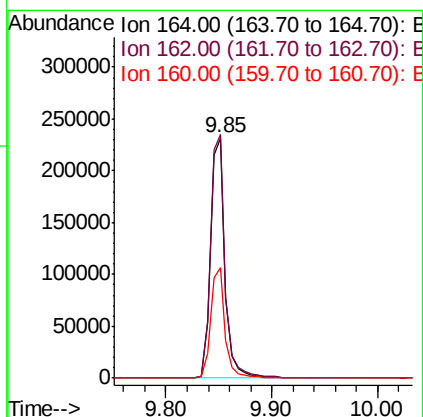
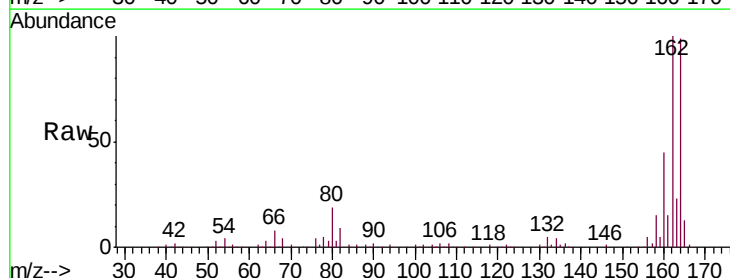
Instrument :
BNA_F
ClientSampled :
TP-7

Tgt Ion: 82 Resp: 478413
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Tgt Ion: 164 Resp: 222212
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 46.0 37.6 56.4

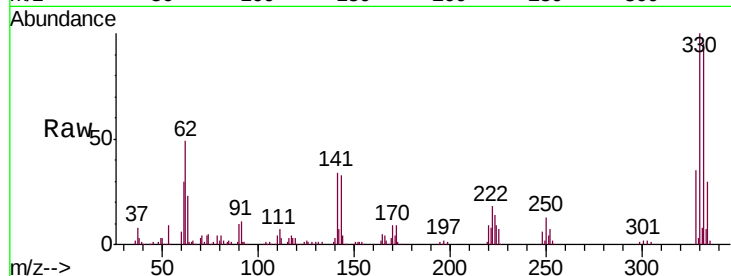




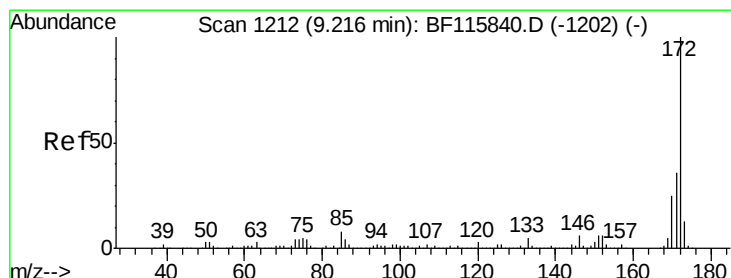
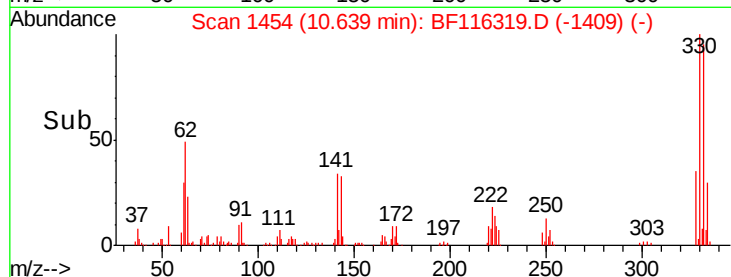
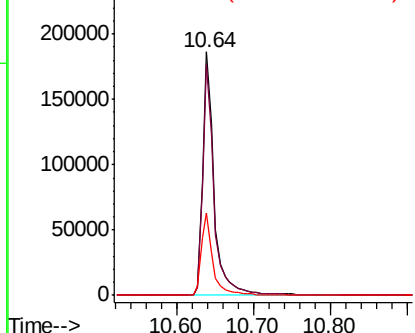
#42
 2,4,6-Tribromophenol
 Concen: 90.035 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tgt Ion:330 Resp: 193973
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 34.0 26.3 39.5

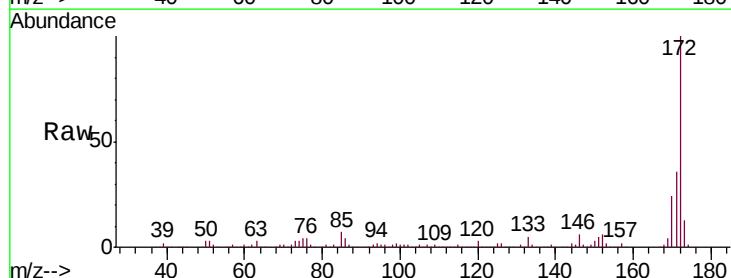


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

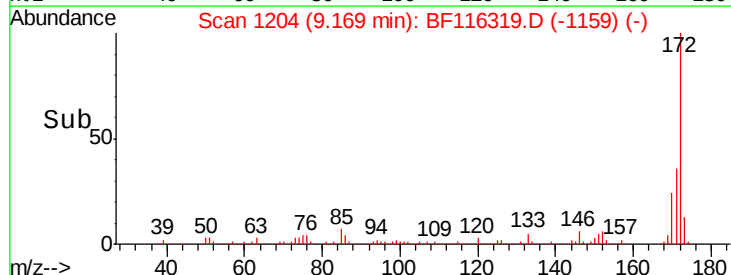
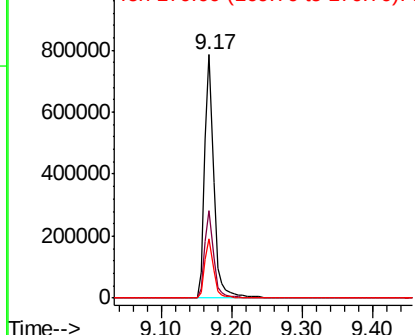


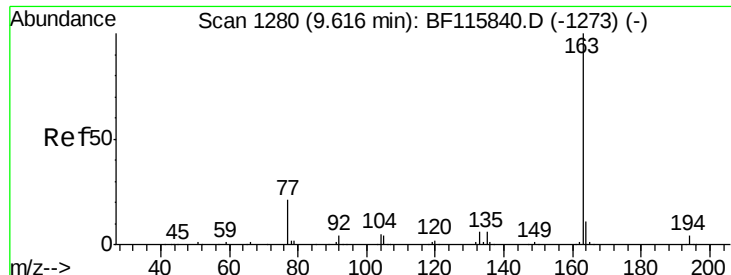
#45
 2-Fluorobiphenyl
 Concen: 60.376 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

Tgt Ion:172 Resp: 716274
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 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

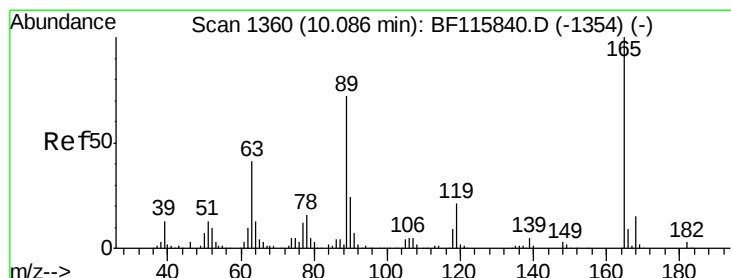
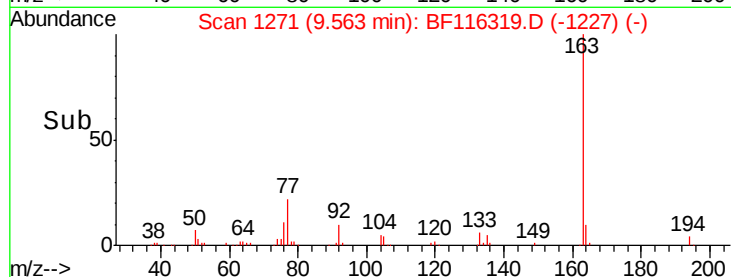
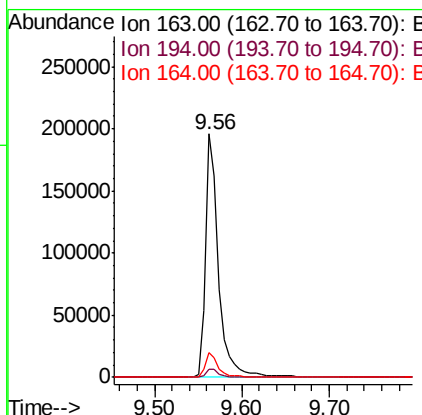
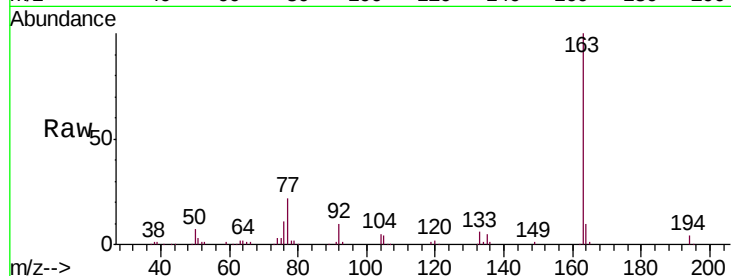




#50
Dimethylphthalate
Concen: 13.386 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

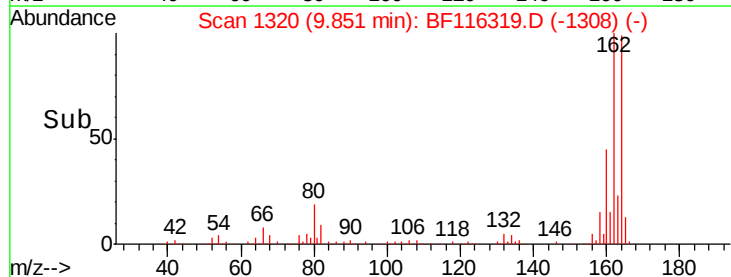
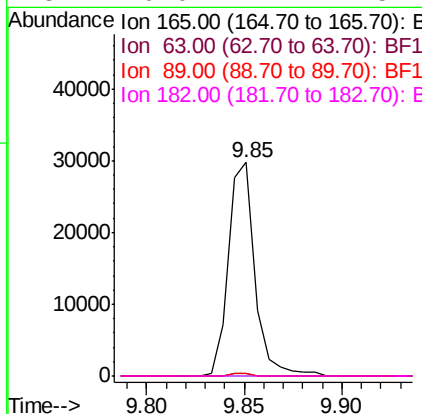
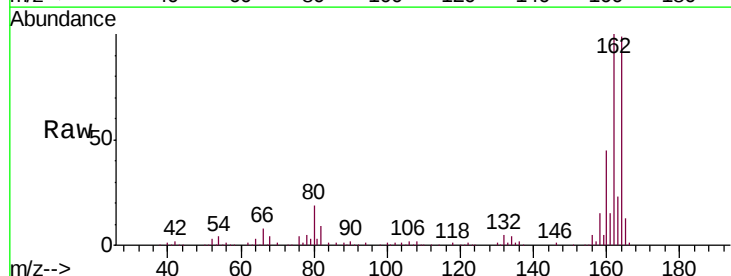
Instrument :
BNA_F
ClientSampled :
TP-7

Tgt Ion:163 Resp: 202537
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Tgt Ion:165 Resp: 27974
Ion Ratio Lower Upper
165 100
63 1.2 39.6 59.4#
89 1.5 62.2 93.2#
182 0.0 2.1 3.1#

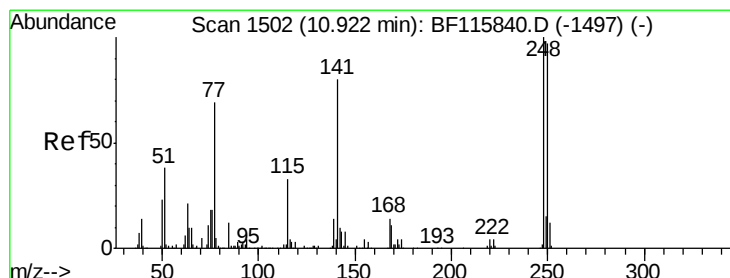
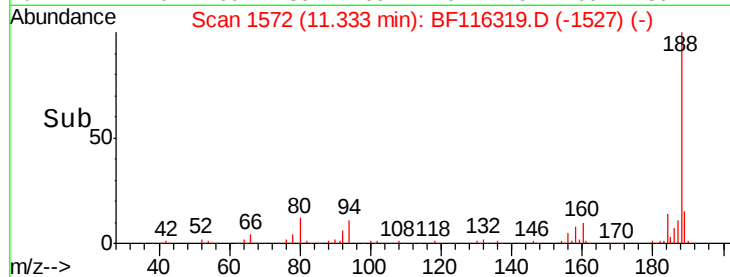
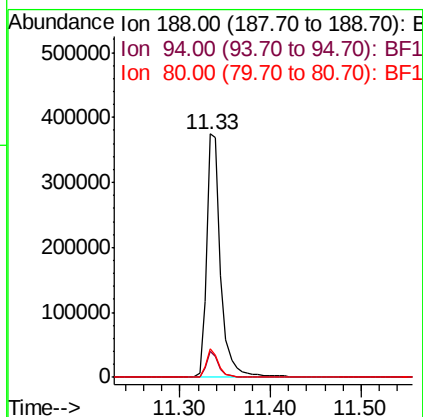
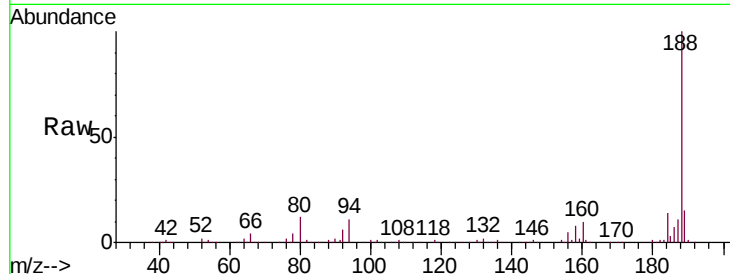




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

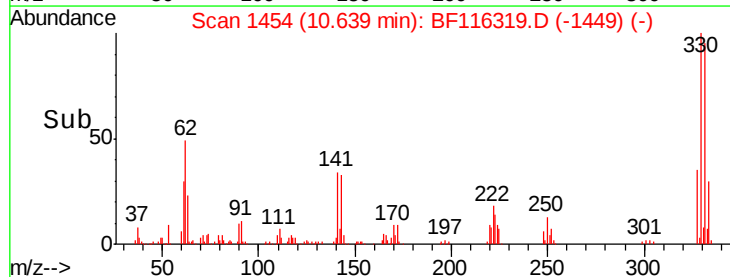
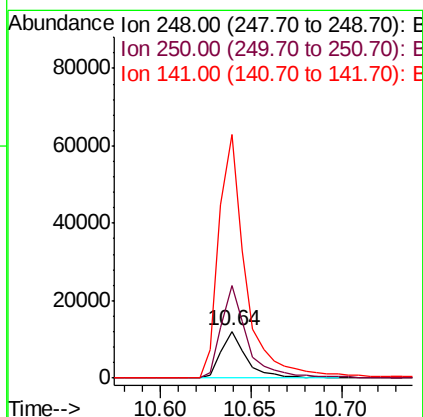
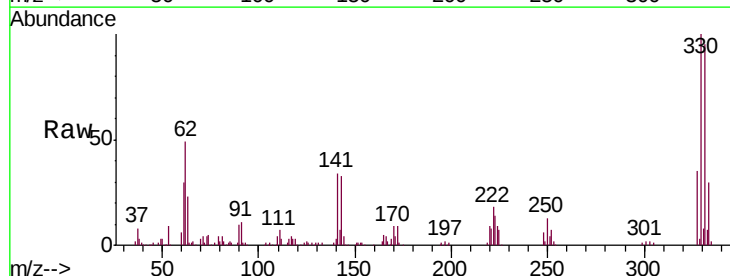
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:188 Resp: 410309
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.1 12.1
 80 11.8 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.619 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

Tgt Ion:248 Resp: 11504
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.4 116.2#
 141 523.4 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-7

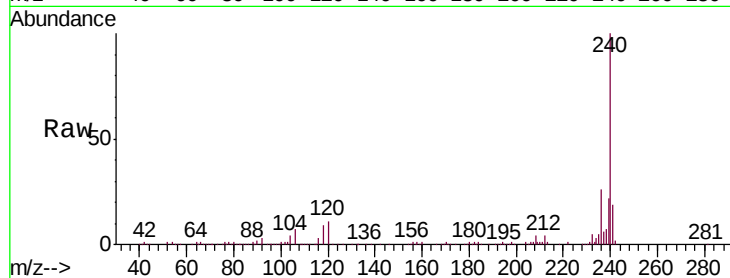
Tgt Ion:240 Resp: 292073

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

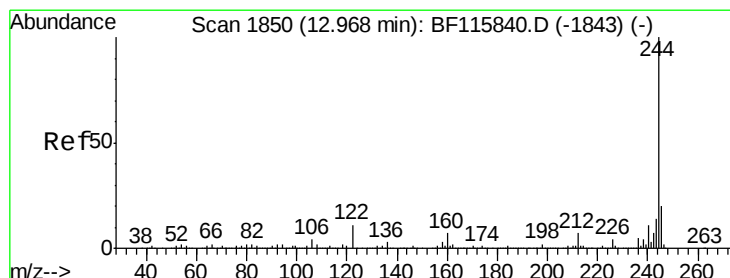
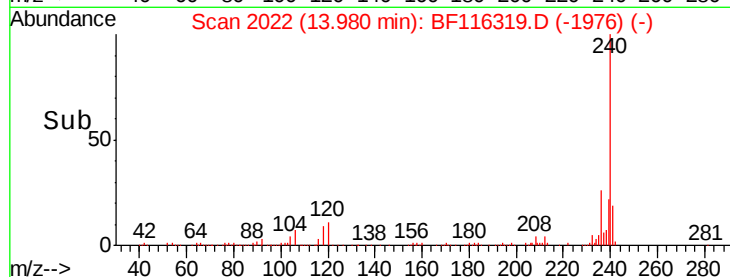
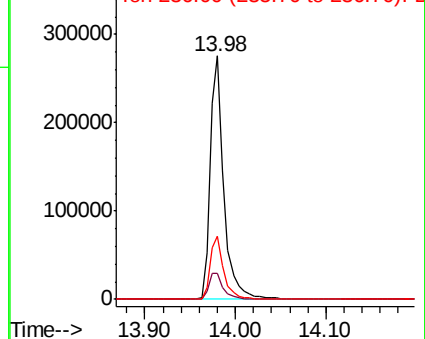
236 25.9 22.2 33.2



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



#79

Terphenyl-d14

Concen: 51.564 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

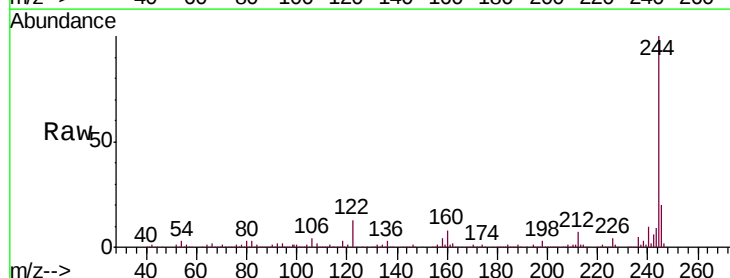
Tgt Ion:244 Resp: 714729

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

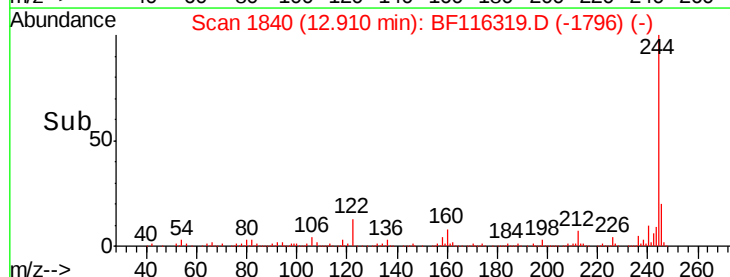
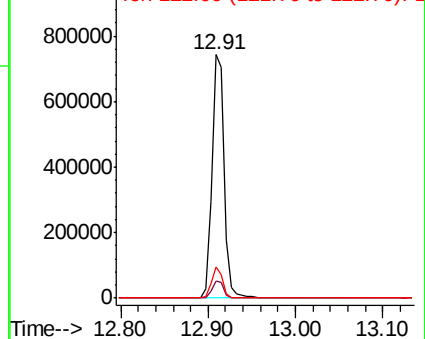
122 12.9 9.0 13.4

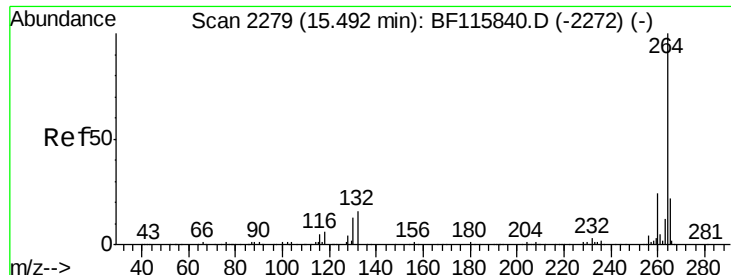


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

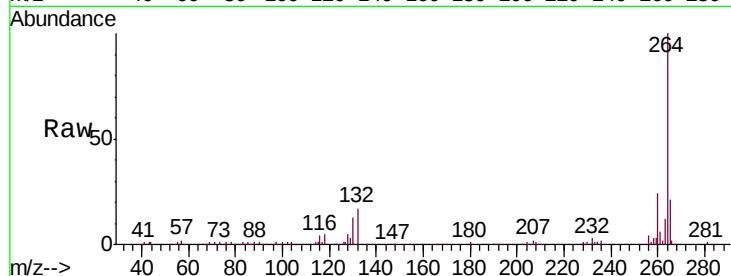




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.4	17.4	26.0



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

