

Data File : BF116333.D
Acq On : 16 Aug 2019 22:22
Operator : HP/JU
Sample : K4227-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-N-(0-1)-COMP

Quant Time: Aug 17 03:11:43 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

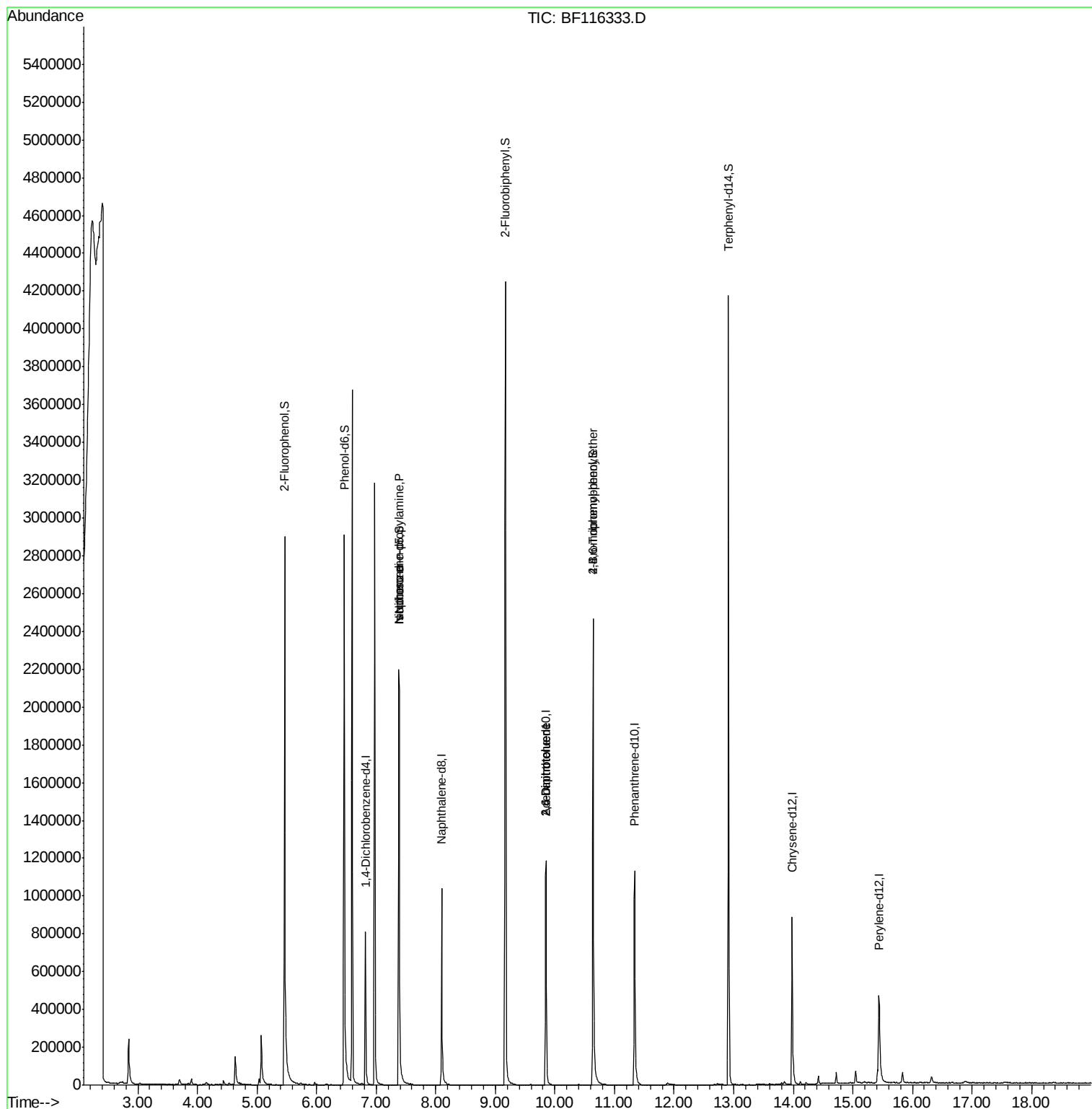
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140715	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	547367	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	292520	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	519635	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	365980	20.00	ng	-0.03
87) Perylene-d12	15.44	264	325824	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1019049	121.23	ng	0.00
7) Phenol-d6	6.46	99	1206382	113.75	ng	-0.02
23) Nitrobenzene-d5	7.38	82	924399	97.48	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	391086	137.90	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1506339	96.45	ng	-0.04
79) Terphenyl-d14	12.92	244	1688471	97.22	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	120401	18.321	ng	# 79
25) Isophorone	7.38	82	924395	50.981	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	37218	8.599	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	37218	6.458	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	23413	4.209	ng	# 1

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

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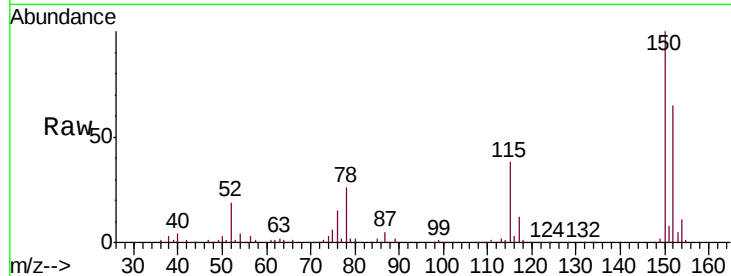


#1

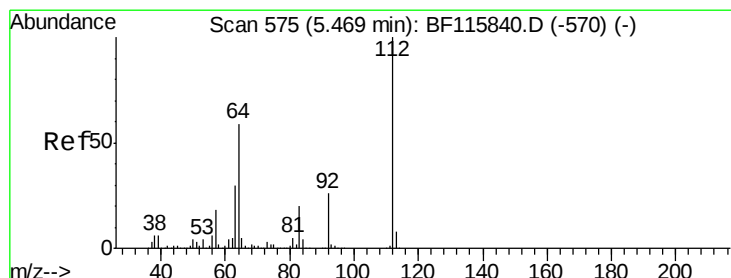
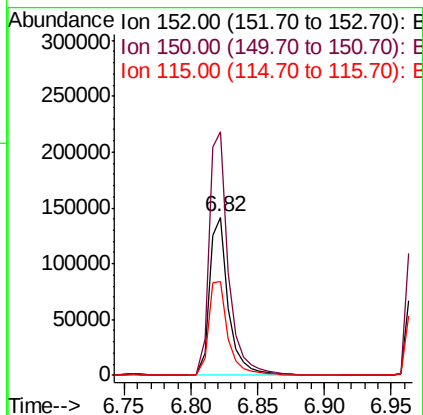
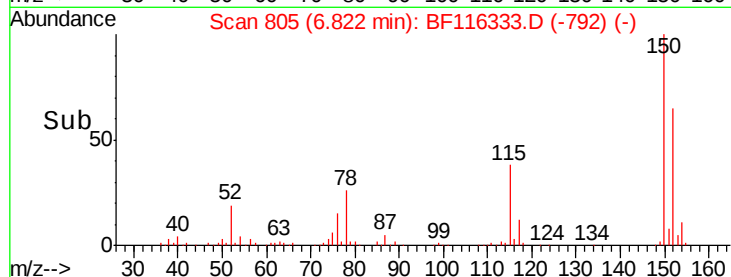
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116333.D
Acq: 16 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
1S-N(0-1)-COMP

Tgt Ion:152 Resp: 140715
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 59.0 49.9 74.9



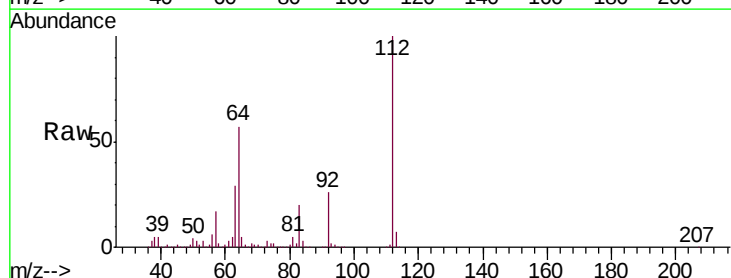
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



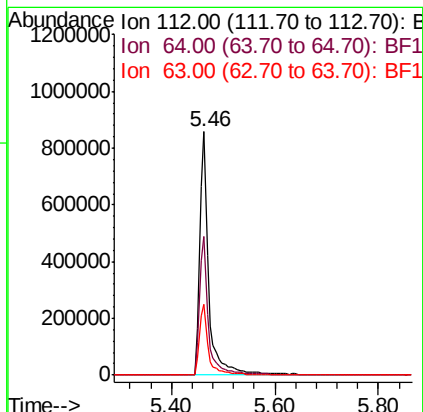
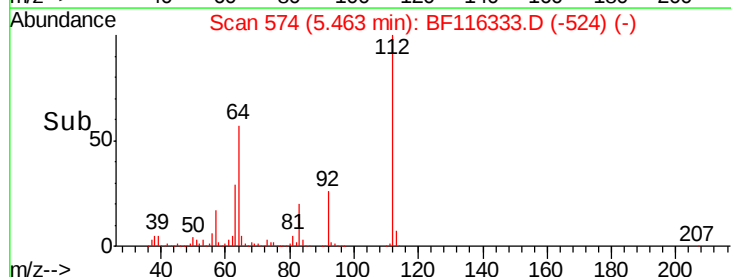
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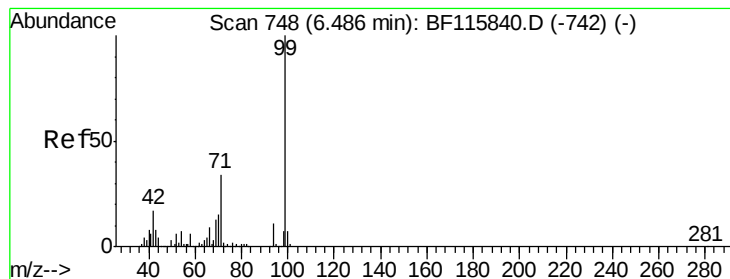
2-Fluorophenol
Concen: 121.234 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116333.D
Acq: 16 Aug 2019 22:22

Tgt Ion:112 Resp: 1019049
Ion Ratio Lower Upper
112 100
64 57.1 45.4 68.2
63 29.1 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: 113.754 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

1S-N(0-1)-COMP

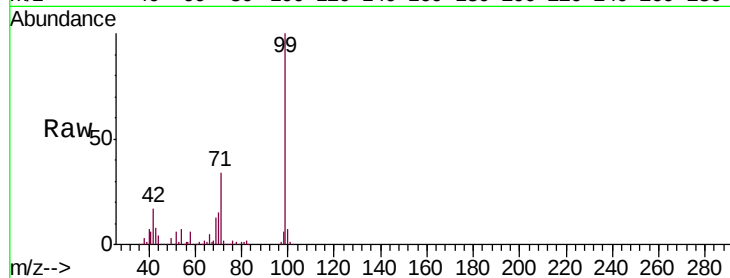
Tgt Ion: 99 Resp: 1206382

Ion Ratio Lower Upper

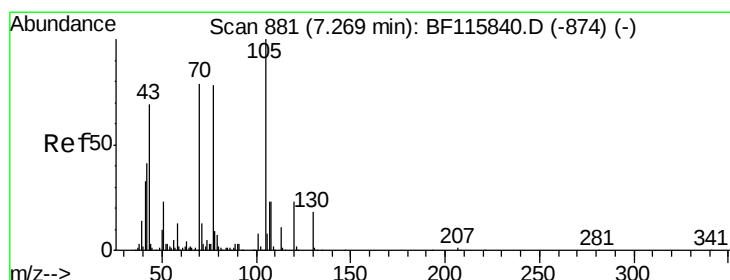
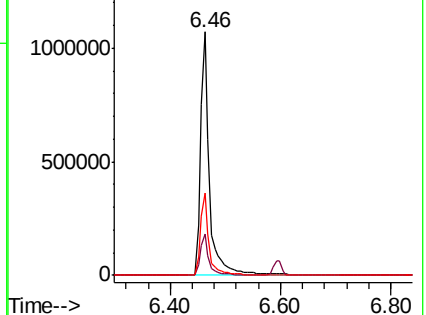
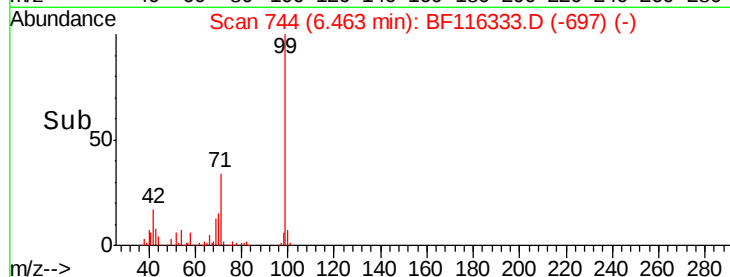
99 100

42 16.8 13.8 20.8

71 34.0 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: 18.321 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Tgt Ion: 70 Resp: 120401

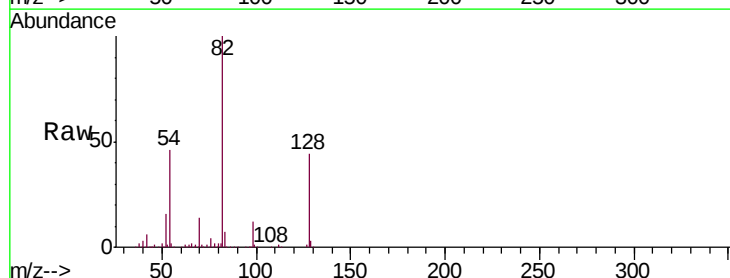
Ion Ratio Lower Upper

70 100

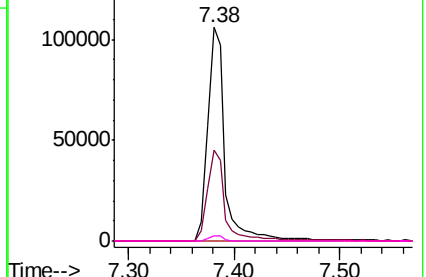
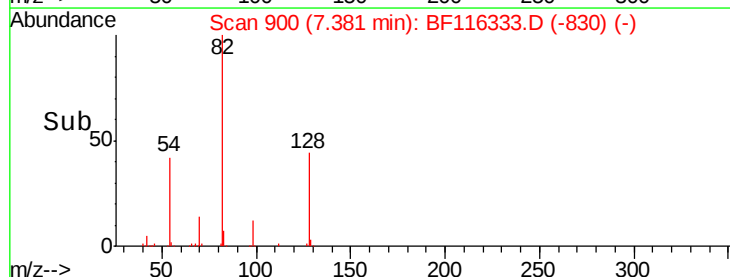
42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 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: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

1S-N-(0-1)-COMP

Tgt Ion: 136 Resp: 547367

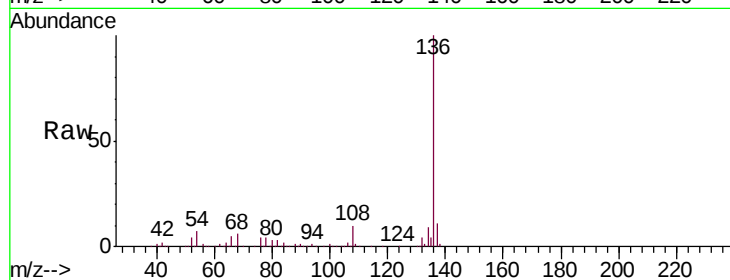
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.8 8.6

68 6.2 5.2 7.8

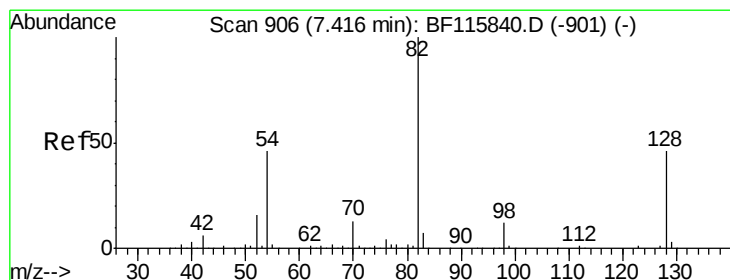
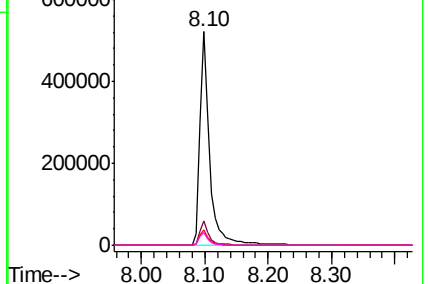
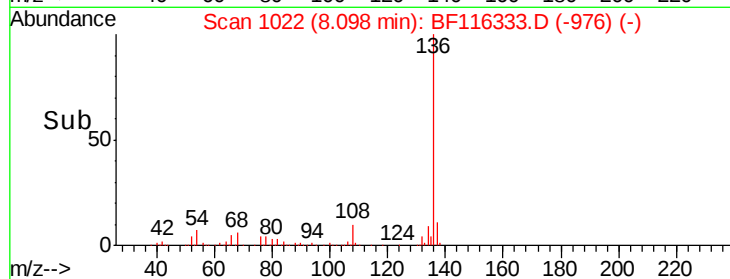


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.483 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

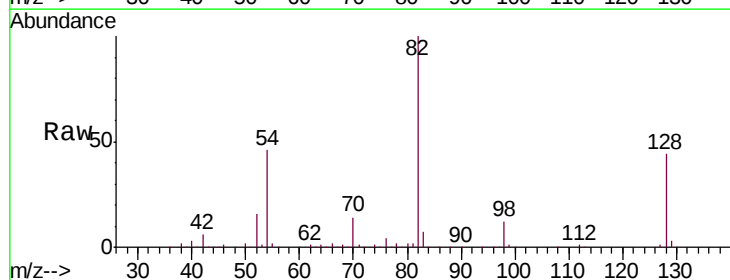
Tgt Ion: 82 Resp: 924399

Ion Ratio Lower Upper

82 100

128 43.9 36.5 54.7

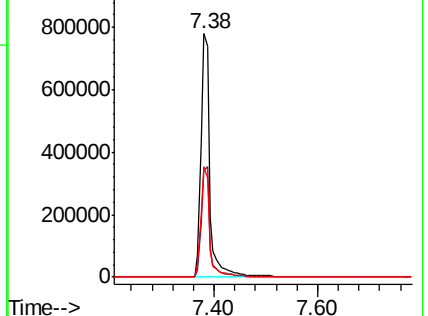
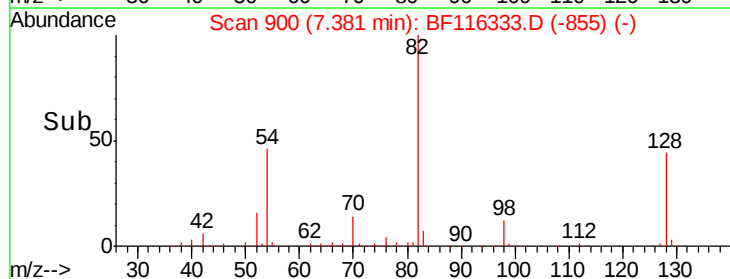
54 45.6 36.0 54.0



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: 50.981 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

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ClientSampleId :

1S-N-(0-1)-COMP

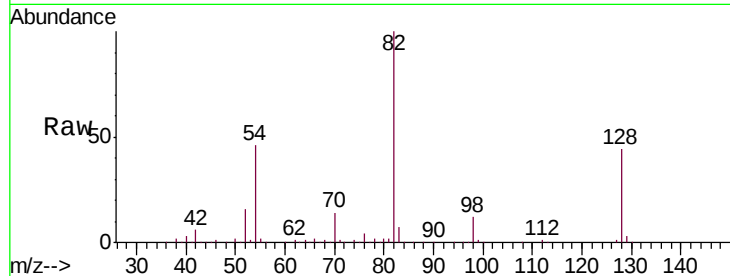
Tgt Ion: 82 Resp: 924395

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

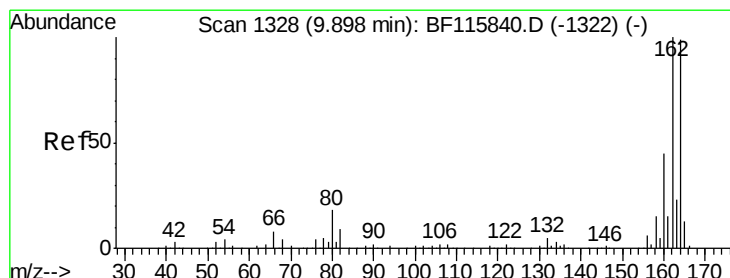
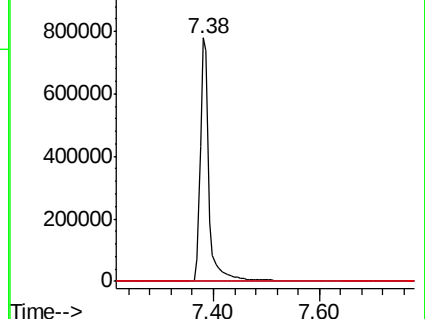
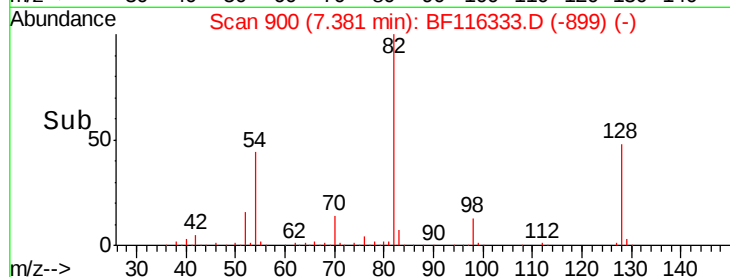
138 0.0 14.5 21.7#



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# 1320

Delta R.T. -0.04 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

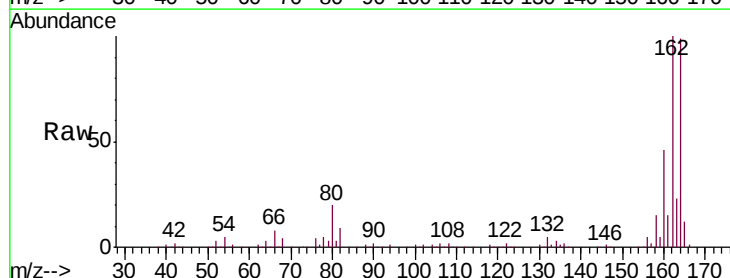
Tgt Ion: 164 Resp: 292520

Ion Ratio Lower Upper

164 100

162 100.8 82.6 124.0

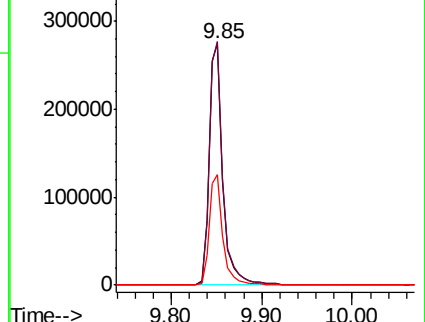
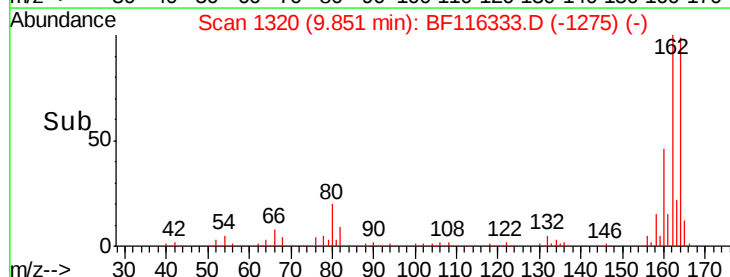
160 45.9 37.6 56.4



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

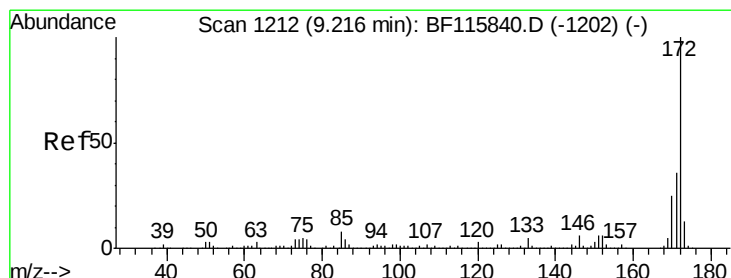
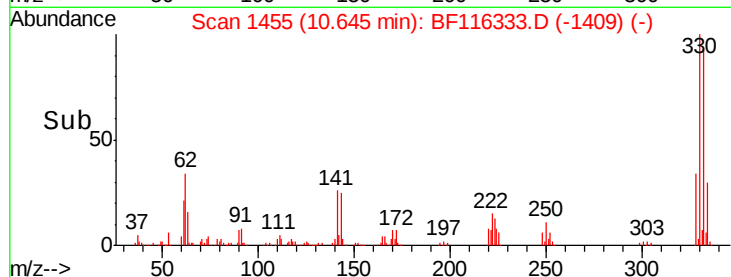
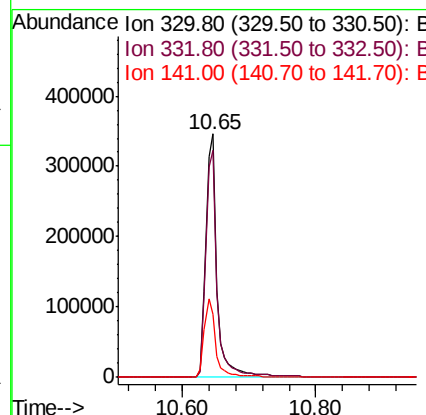
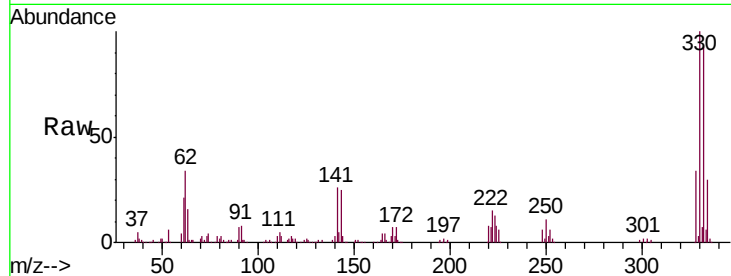




#42
 2,4,6-Tribromophenol
 Concen: 137.898 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

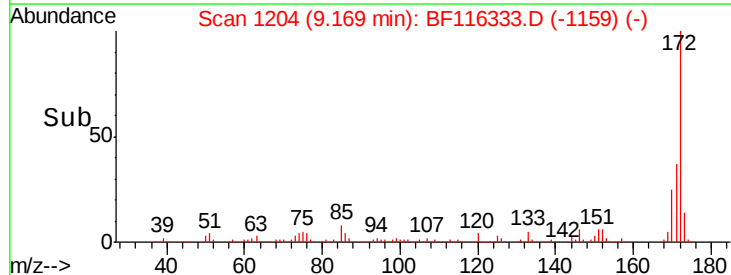
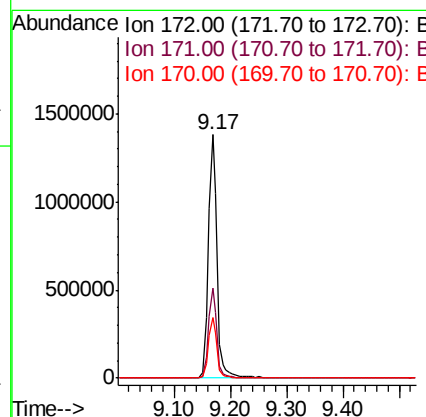
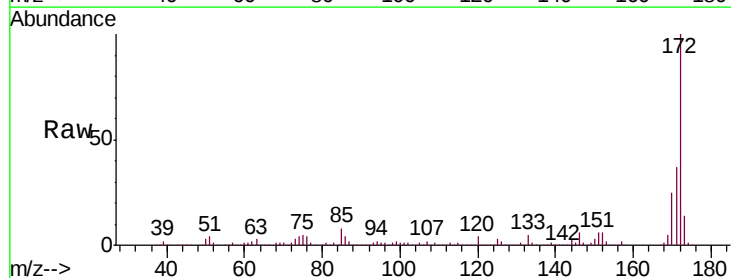
Instrument :
 BNA_F
 ClientSampleId :
 1S-N-(0-1)-COMP

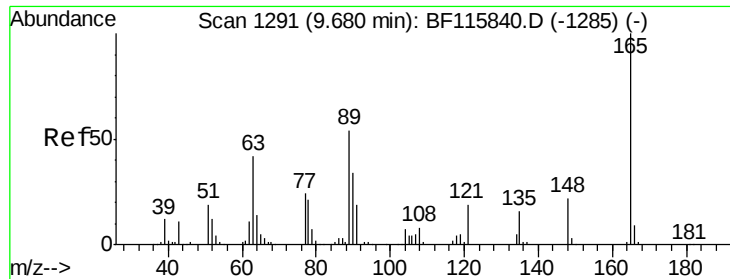
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	33.3	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 96.454 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.1	30.1

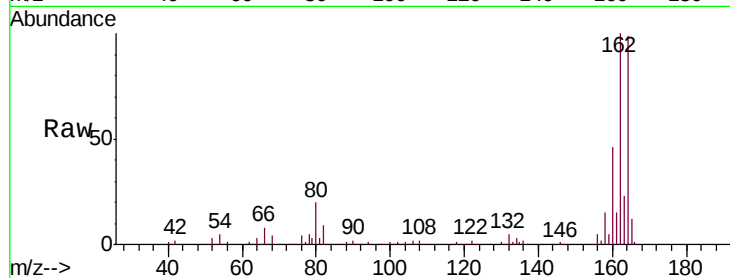




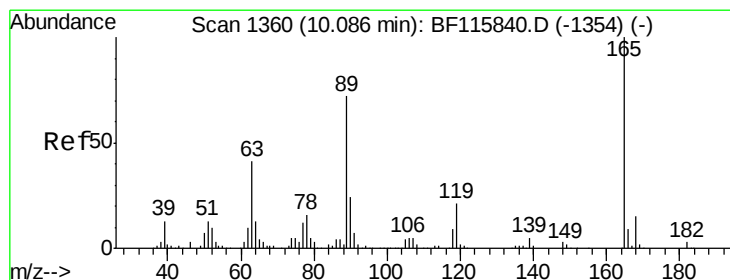
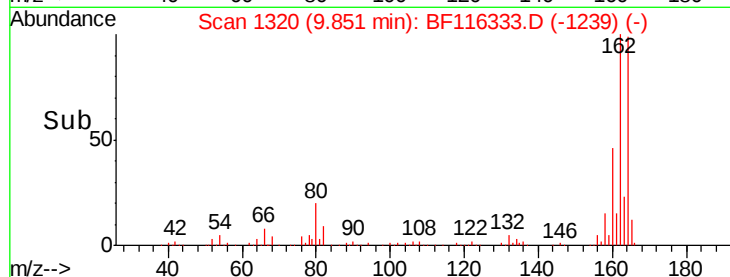
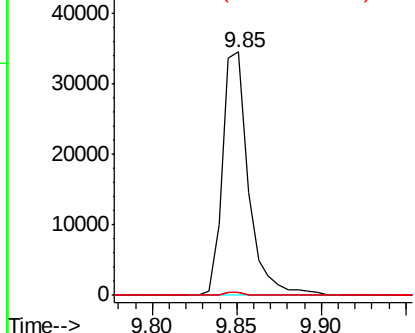
#51
 2,6-Dinitrotoluene
 Concen: 8.599 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-N-(0-1)-COMP

Tgt Ion:165 Resp: 37218
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.2 57.2#
 89 1.4 42.9 64.3#

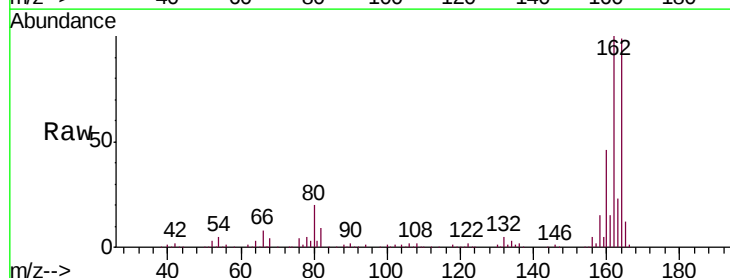


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

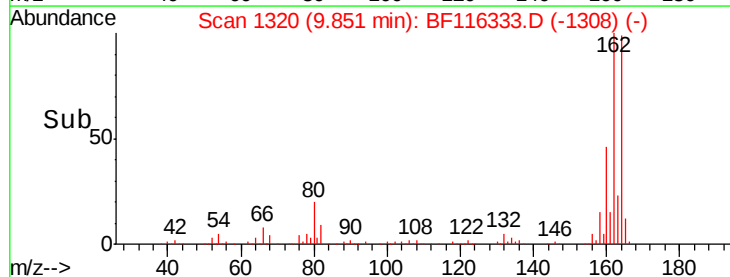
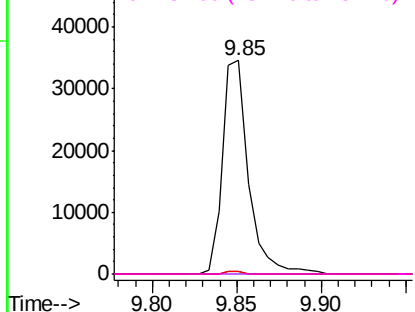


#57
 2,4-Dinitrotoluene
 Concen: 6.458 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion:165 Resp: 37218
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.6 59.4#
 89 1.4 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

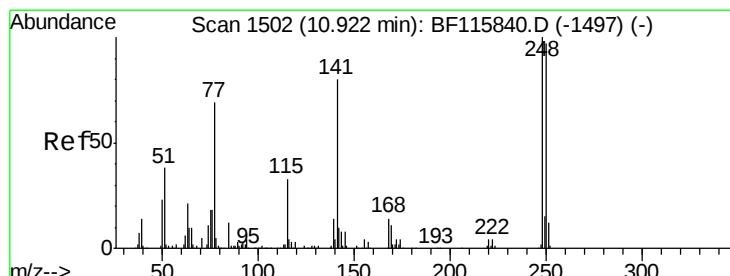
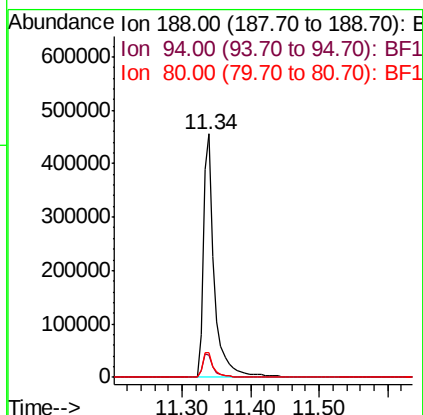
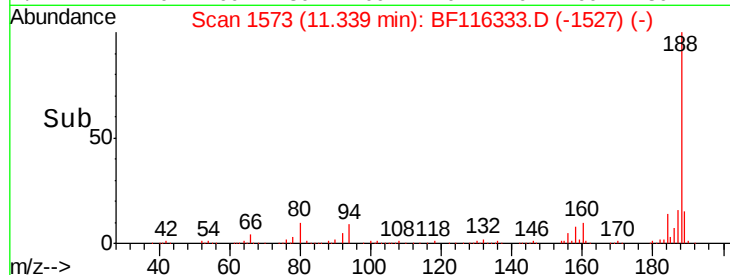
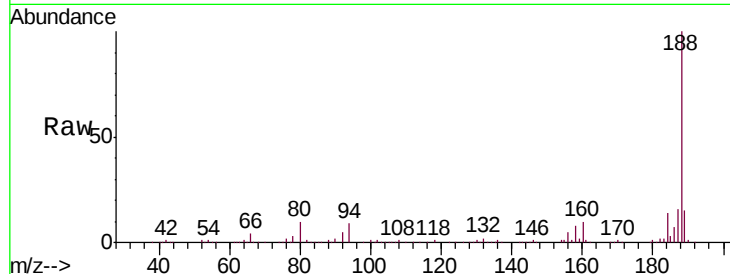




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

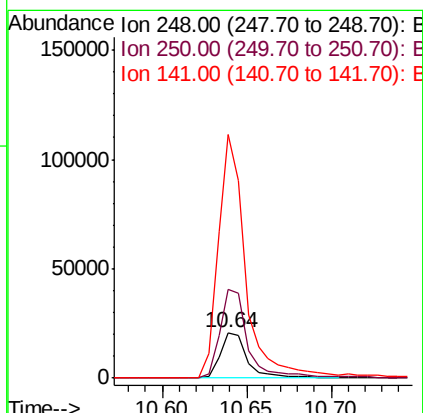
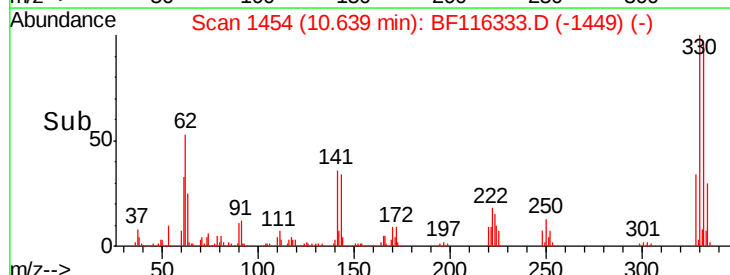
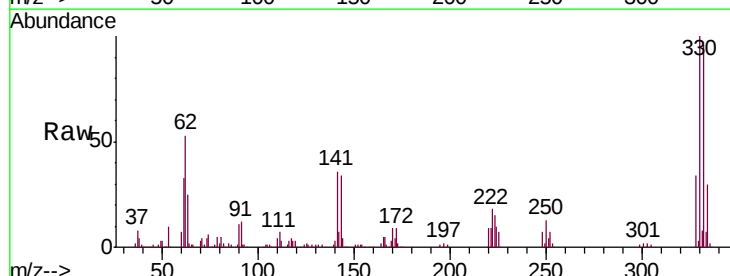
Instrument :
 BNA_F
 ClientSampleId :
 1S-N(0-1)-COMP

Tgt Ion:188 Resp: 519635
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.209 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion:248 Resp: 23413
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.4 116.2#
 141 534.8 56.8 85.2#

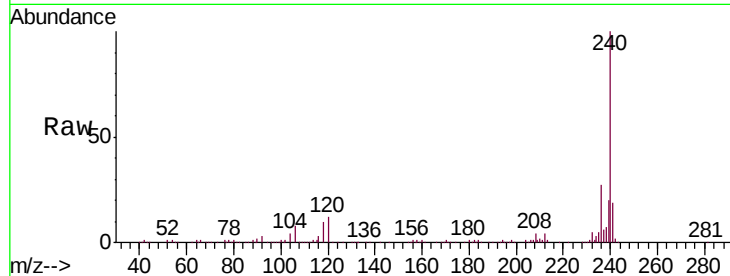




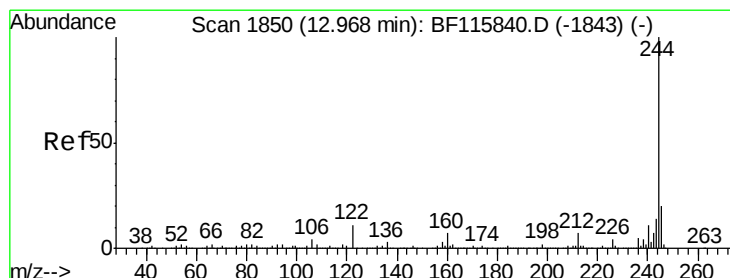
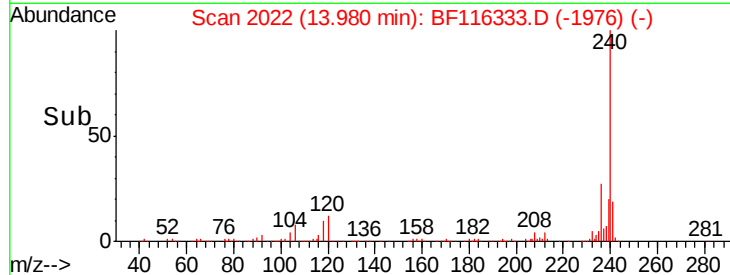
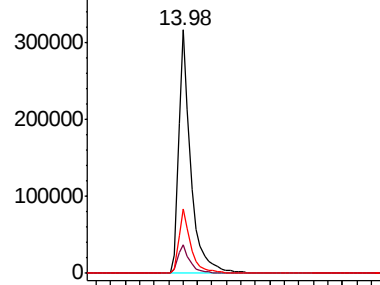
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116333.D
Acq: 16 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
1S-N(0-1)-COMP

Tgt Ion:240 Resp: 365980
Ion Ratio Lower Upper
240 100
120 11.5 10.7 16.1
236 26.6 22.2 33.2

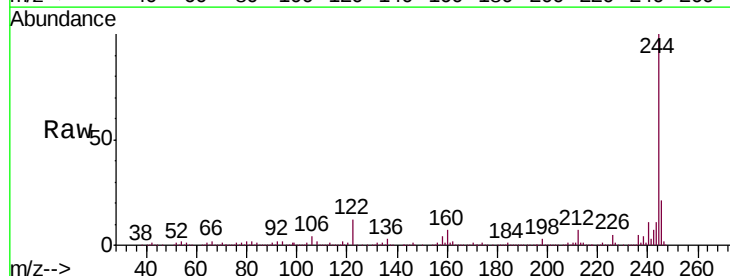


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

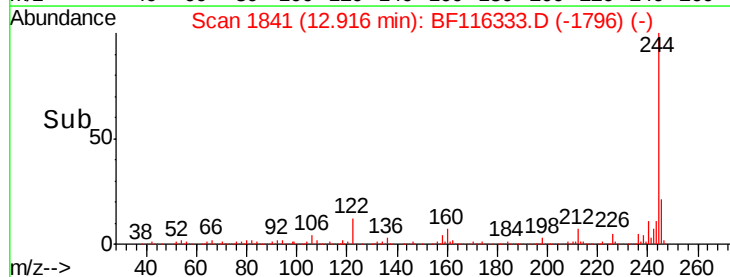
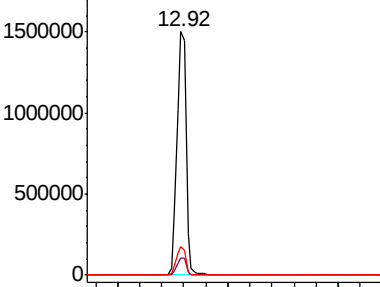


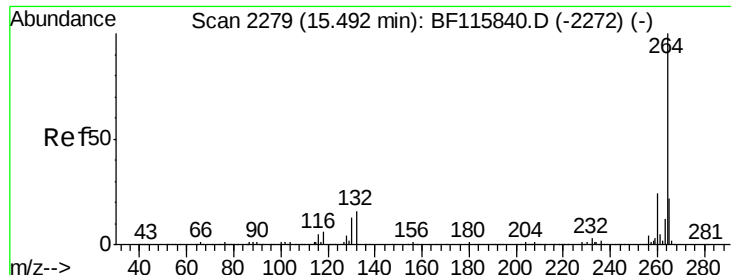
#79
Terphenyl-d14
Concen: 97.215 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116333.D
Acq: 16 Aug 2019 22:22

Tgt Ion:244 Resp: 1688471
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.5 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

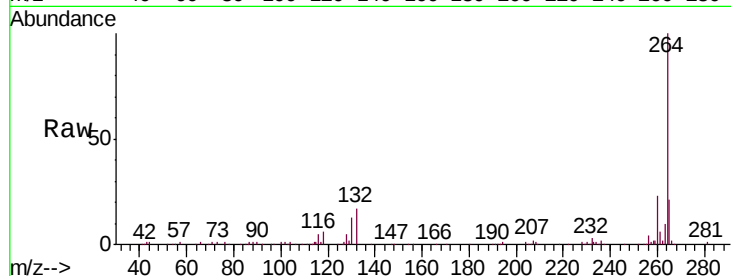




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116333.D
Acq: 16 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
1S-N(0-1)-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	21.2	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

