

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
 Data File : BF115966.D
 Acq On : 3 Aug 2019 00:06
 Operator : HP/JU
 Sample : K4148-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190598-FIELD-BLANK

Quant Time: Aug 03 03:42:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122321	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	478611	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	256895	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	469108	20.00	ng	0.00
76) Chrysene-d12	14.02	240	333584	20.00	ng	0.00
87) Perylene-d12	15.49	264	384884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	372961	51.04	ng	0.00
7) Phenol-d6	6.48	99	305510	33.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	688240	83.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	297200	119.33	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1255196	91.52	ng	0.00
79) Terphenyl-d14	12.97	244	1418296	89.59	ng	0.00
Target Compounds						
10) Phenol	6.49	94	51551	4.749	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	92367	16.169	ng	# 79
25) Isophorone	7.41	82	688235	43.409	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	32464	8.540	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	32464	6.414	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	18423	3.669	ng	# 1

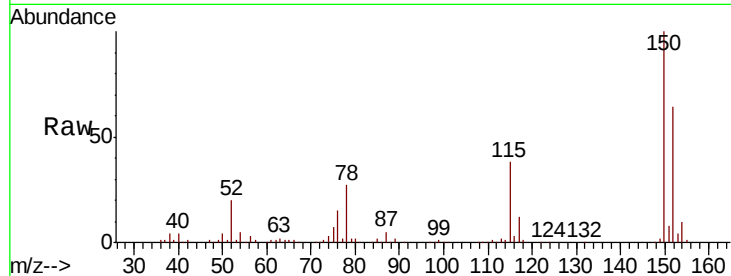
(#) = qualifier out of range (m) = manual integration (+) = signals summed



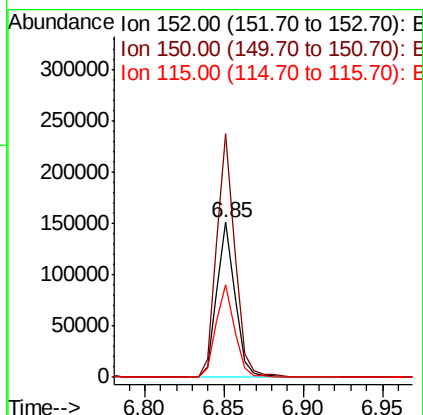
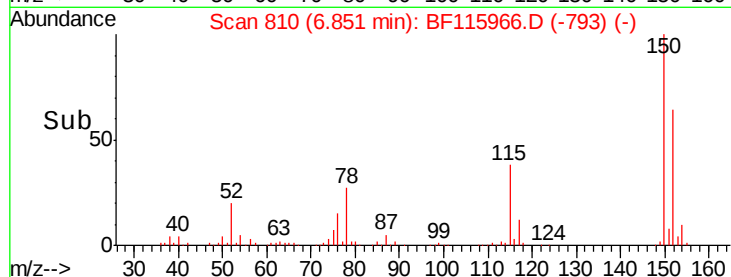
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 20190598-FIELD-BLANK

Tgt Ion:152 Resp: 122321
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 59.5 51.8 77.8

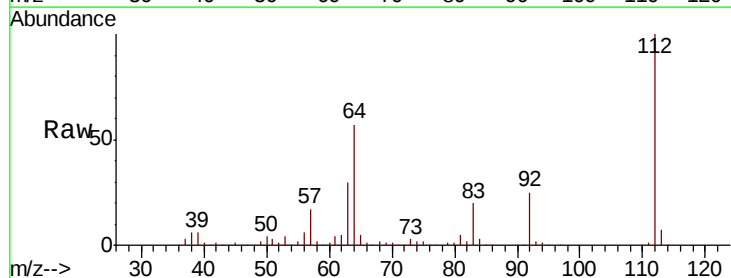


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

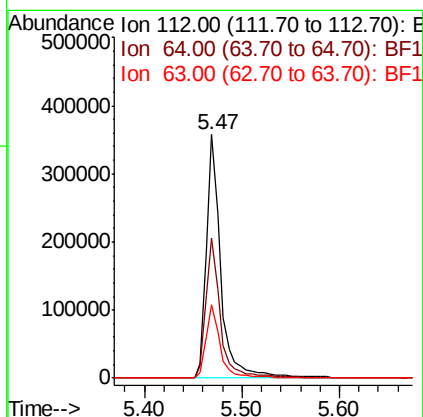
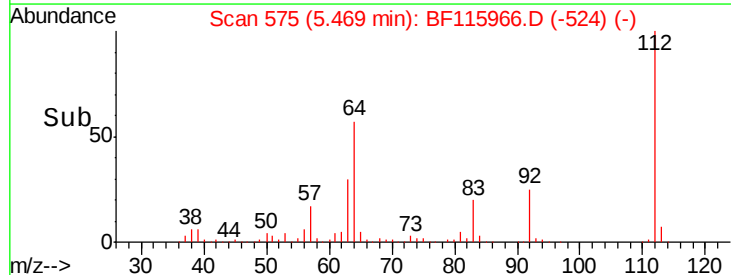


#5
 2-Fluorophenol
 Concen: 51.043 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion:112 Resp: 372961
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.8 70.2
 63 30.1 24.2 36.2



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: 33.140 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

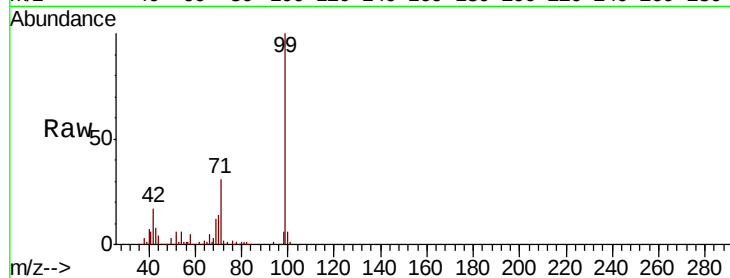
Tgt Ion: 99 Resp: 305510

Ion Ratio Lower Upper

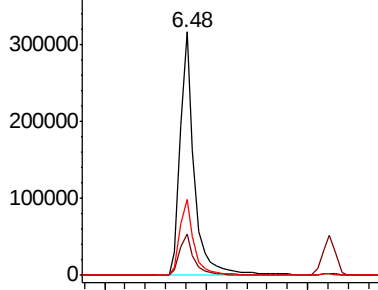
99 100

42 17.0 13.8 20.6

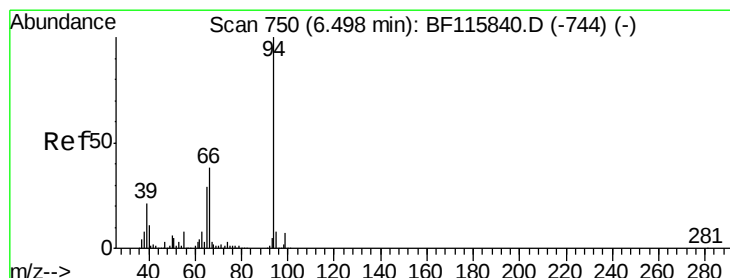
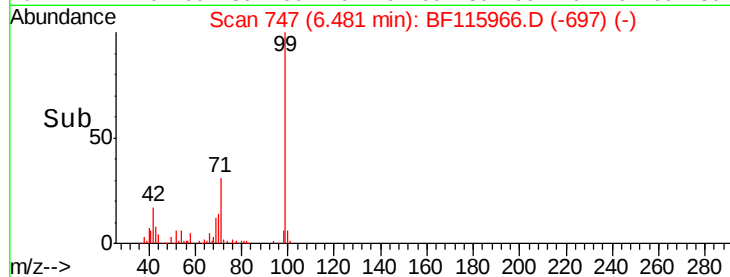
71 31.4 27.1 40.7



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



Time-->



#10

Phenol

Concen: 4.749 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

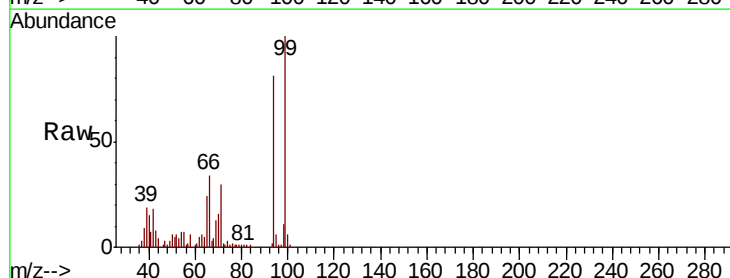
Tgt Ion: 94 Resp: 51551

Ion Ratio Lower Upper

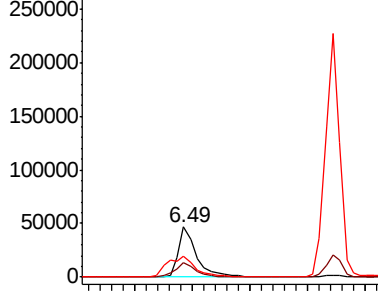
94 100

65 29.6 8.9 48.9

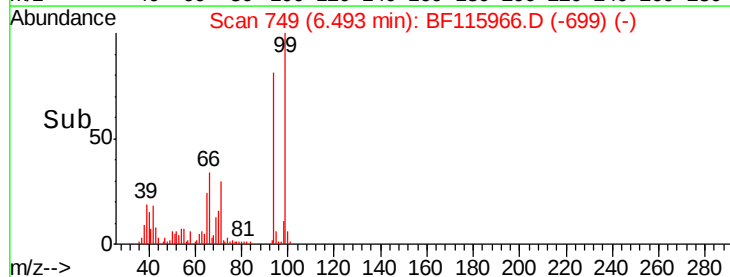
66 42.4 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

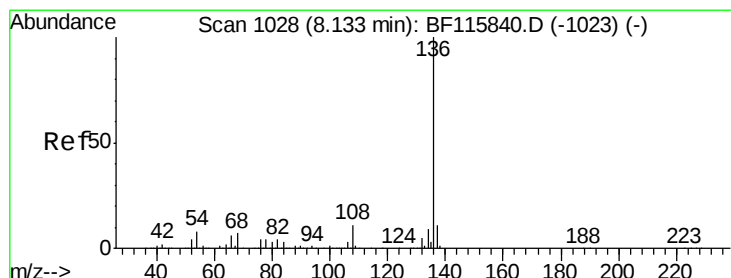
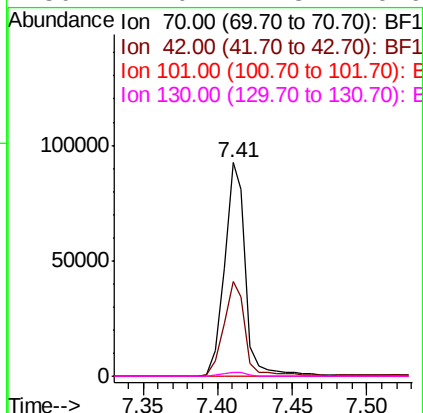
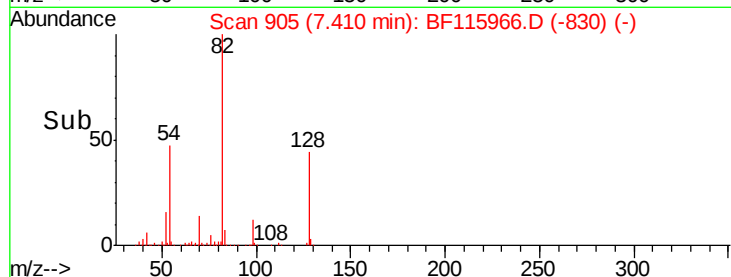
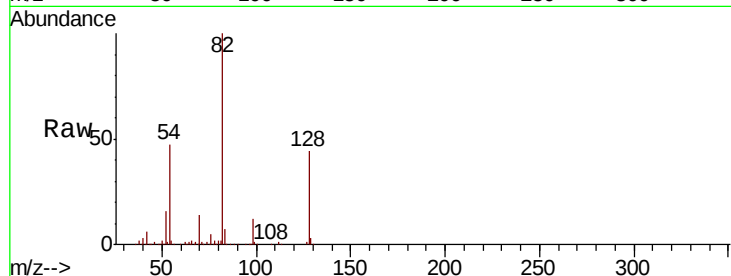




#19
n-Nitroso-di-n-propylamine
Concen: 16.169 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

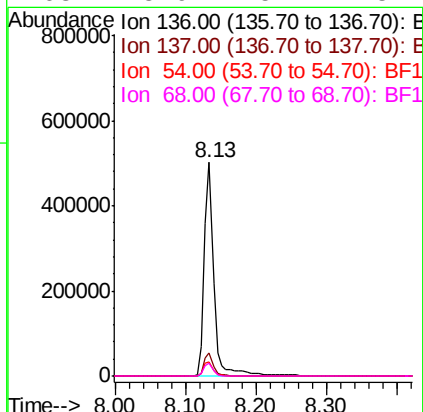
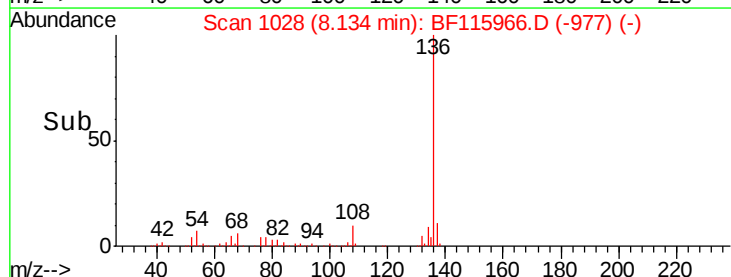
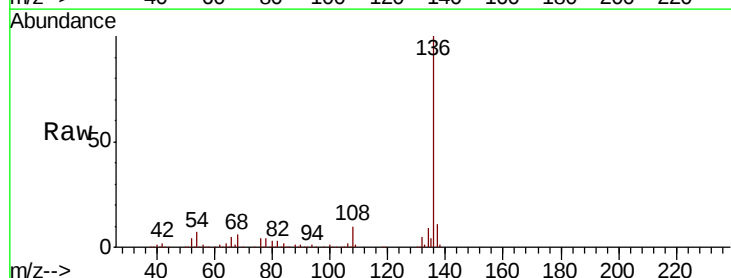
Instrument :
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ClientSampleId :
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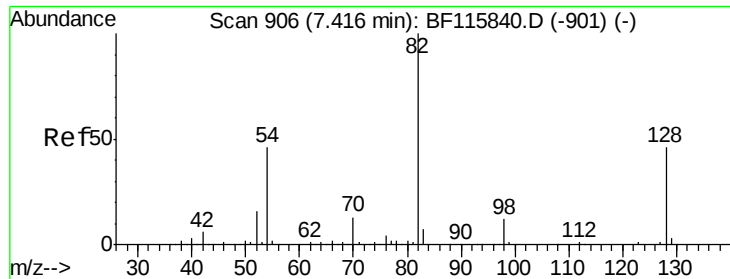
Tgt Ion: 70 Resp: 92367
Ion Ratio Lower Upper
70 100
42 44.3 41.8 62.8
101 0.0 7.7 11.5#
130 2.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Tgt Ion: 136 Resp: 478611
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.9 6.1 9.1
68 5.9 5.4 8.2

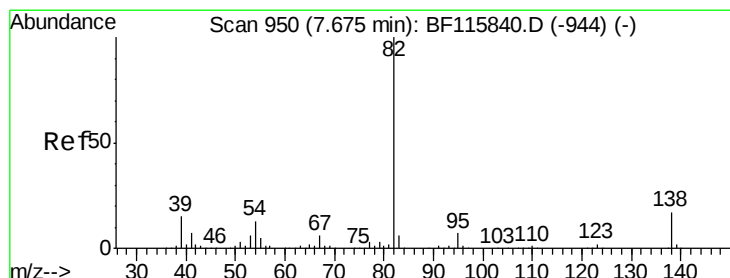
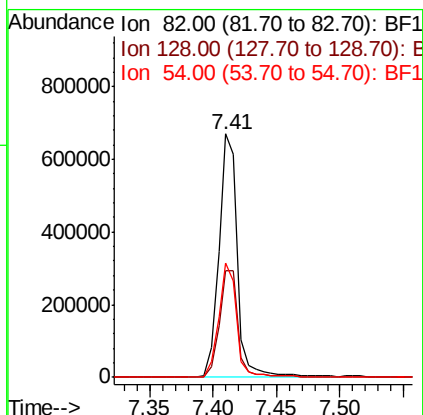
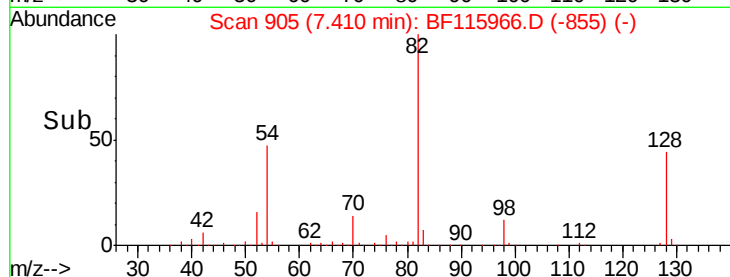
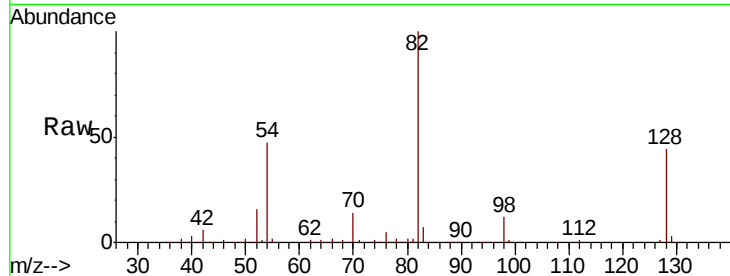




#23
 Nitrobenzene-d5
 Concen: 83.005 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

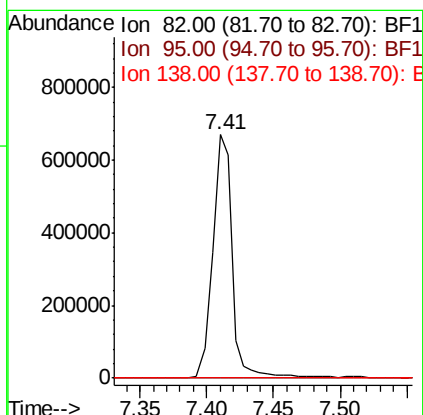
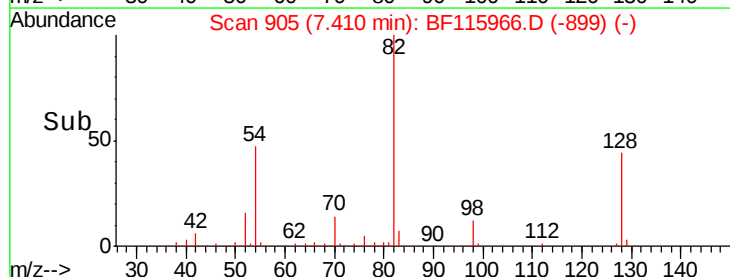
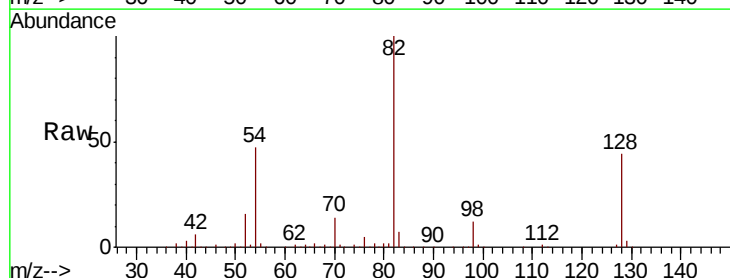
Instrument :
 BNA_F
 ClientSampleId :
 20190598-FIELD-BLANK

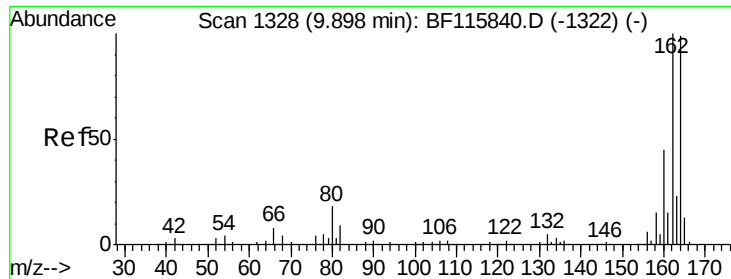
Tgt Ion: 82 Resp: 688240
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.6 55.0
 54 46.7 36.6 55.0



#25
 Isophorone
 Concen: 43.409 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion: 82 Resp: 688235
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.9 20.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

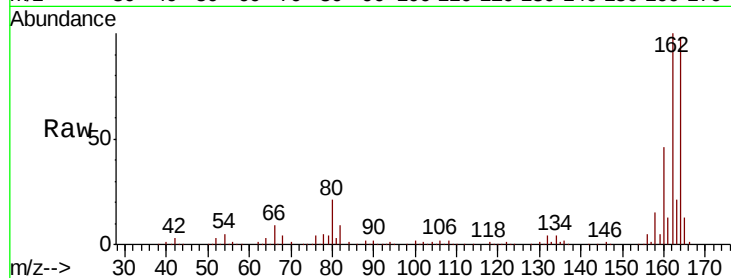
Tgt Ion:164 Resp: 256895

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

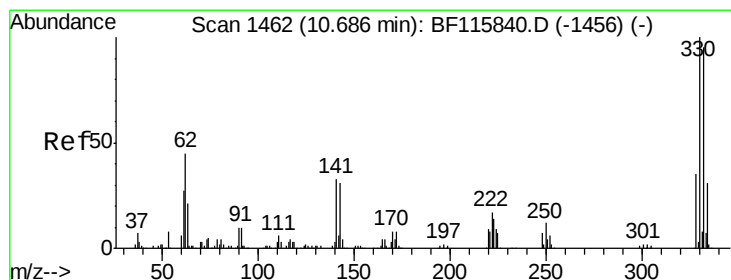
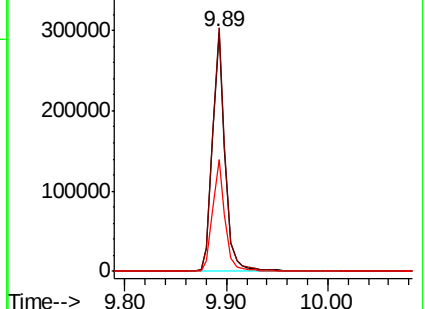
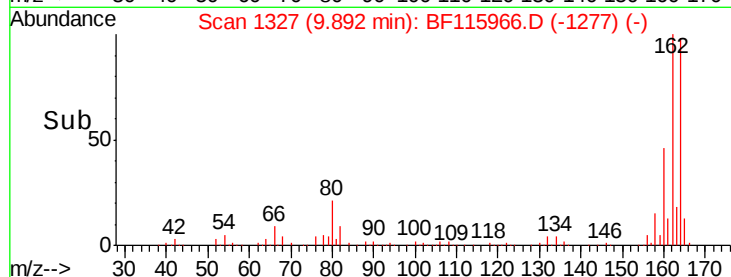
160 46.7 36.2 54.4



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: 119.325 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

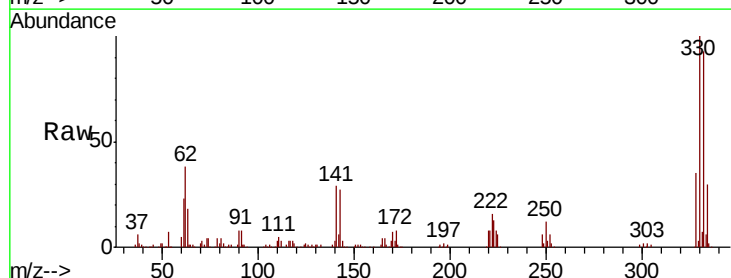
Tgt Ion:330 Resp: 297200

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

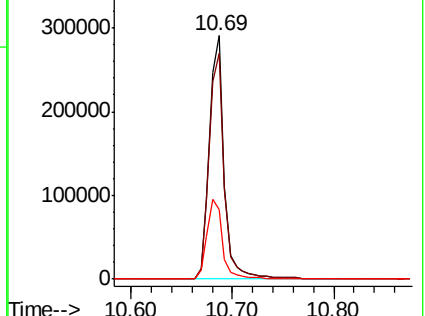
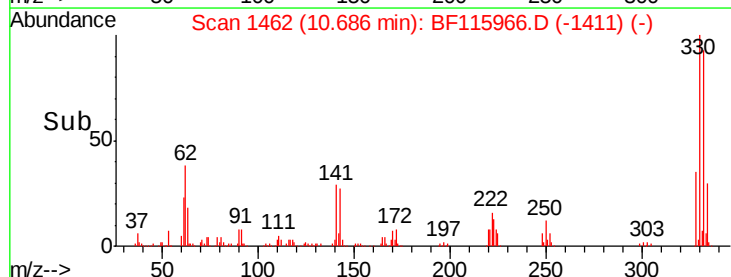
141 34.7 28.1 42.1



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

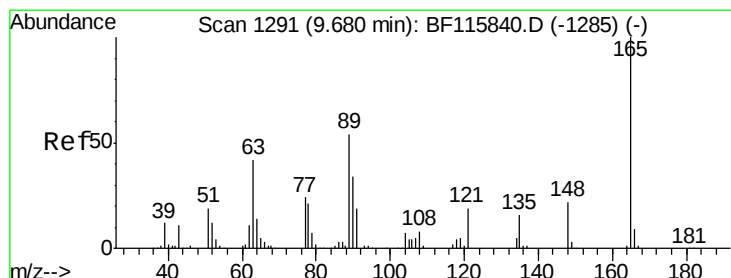
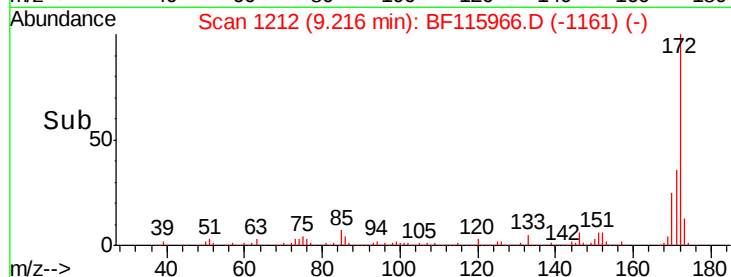
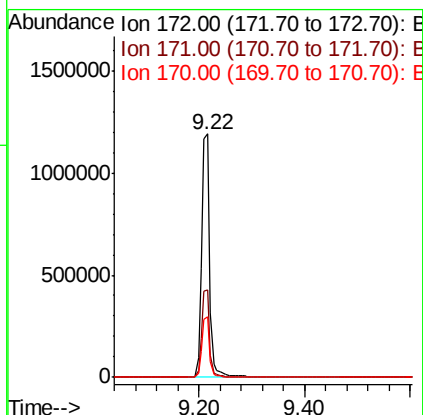
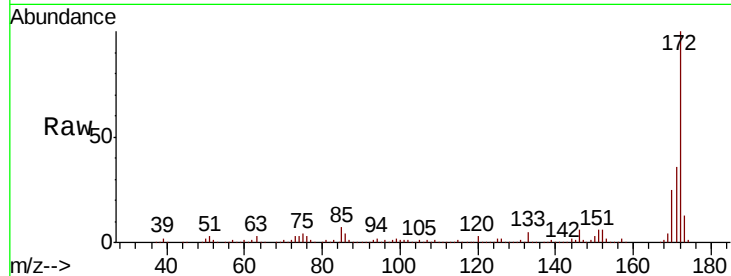




#45
 2-Fluorobiphenyl
 Concen: 91.519 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

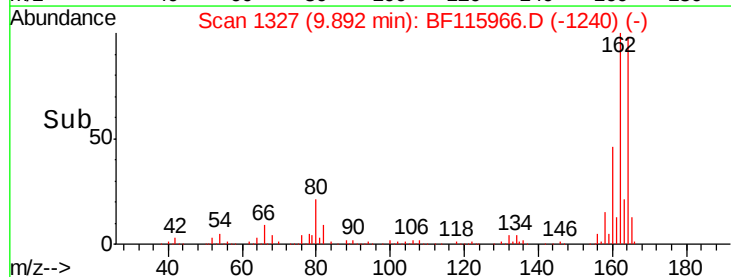
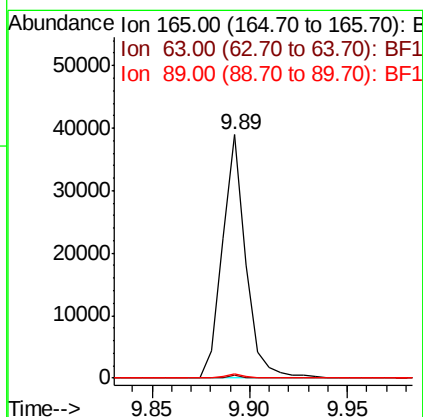
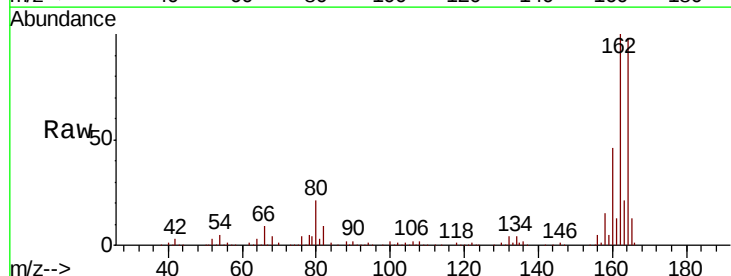
Instrument :
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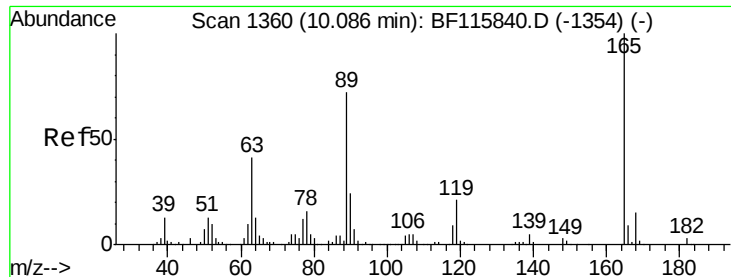
Tgt Ion:172 Resp: 1255196
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.1 43.7
 170 24.7 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 8.540 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion:165 Resp: 32464
 Ion Ratio Lower Upper
 165 100
 63 1.2 39.4 59.2#
 89 1.8 43.0 64.6#

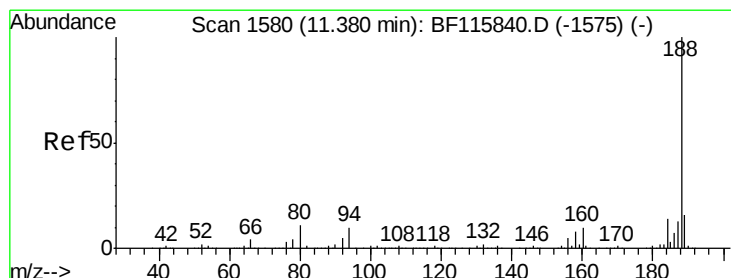
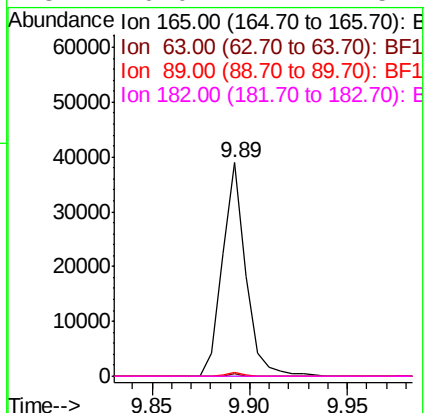
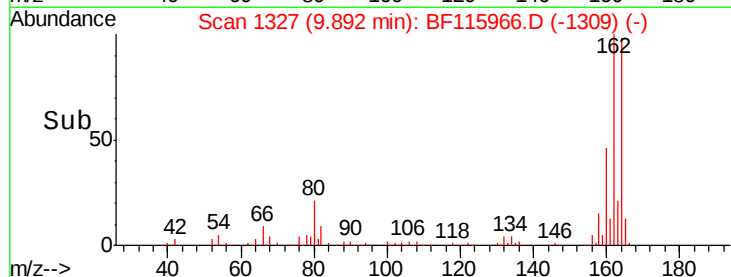
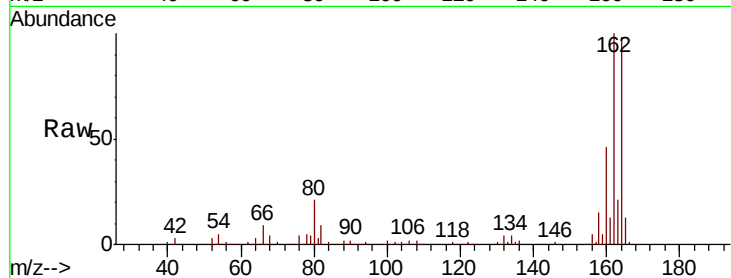




#57
 2,4-Dinitrotoluene
 Concen: 6.414 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

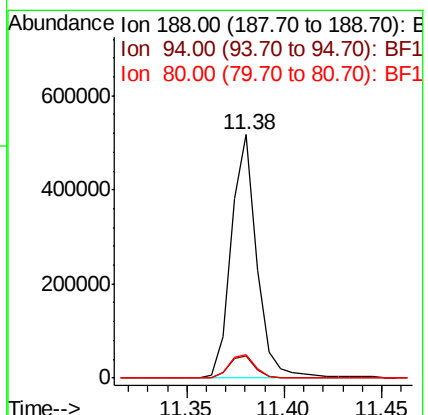
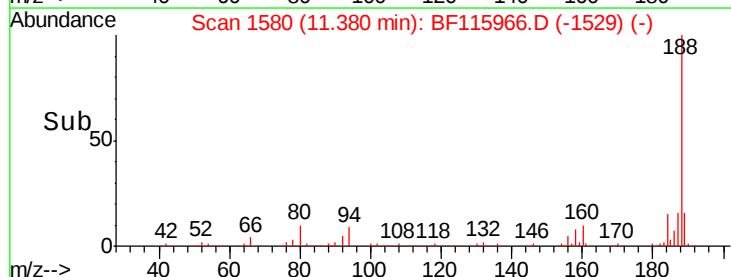
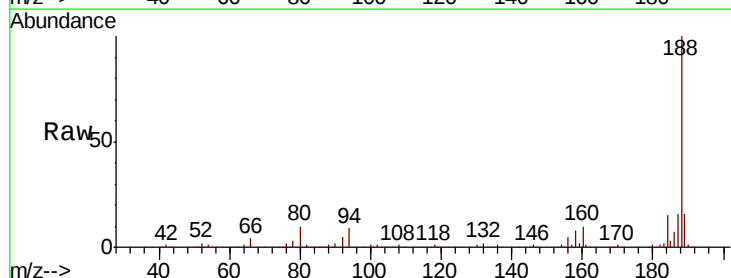
Instrument :
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 20190598-FIELD-BLANK

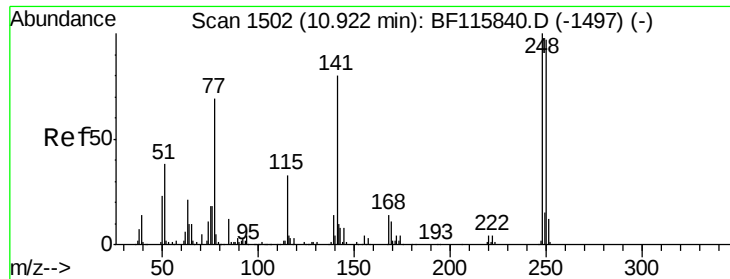
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.8	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8

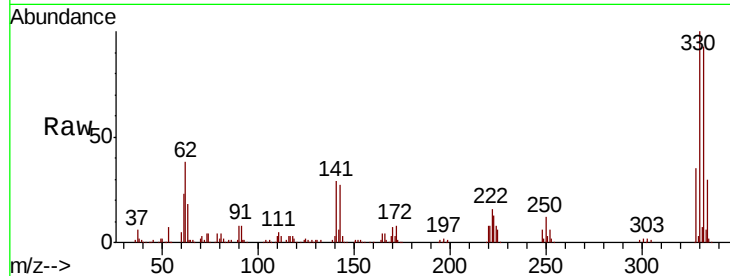




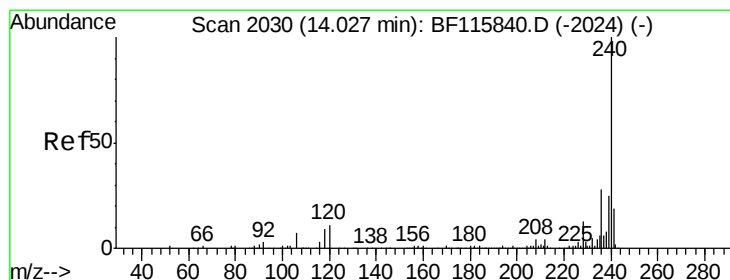
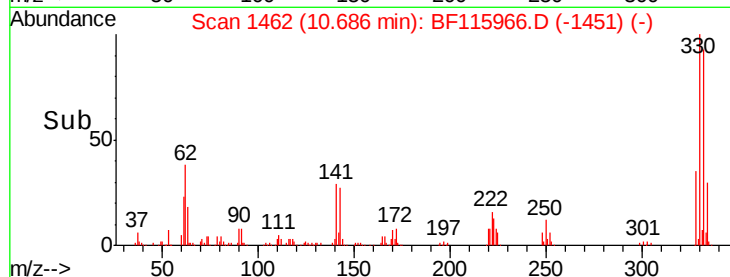
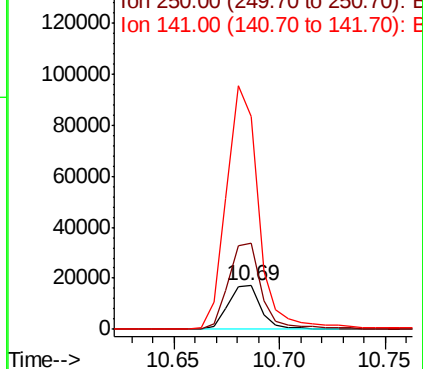
#67
4-Bromophenyl-phenylether
Concen: 3.669 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Instrument :
BNA_F
ClientSampleId :
20190598-FIELD-BLANK

Tgt Ion:248 Resp: 18423
Ion Ratio Lower Upper
248 100
250 198.1 77.8 116.6#
141 488.1 64.3 96.5#

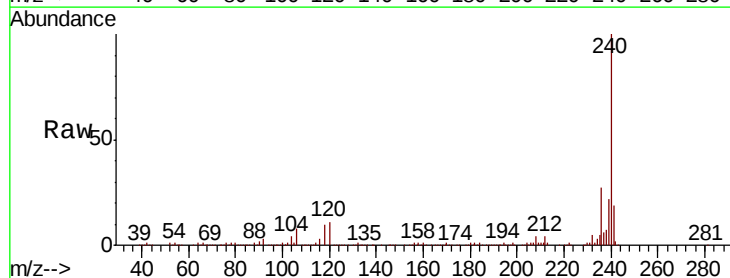


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

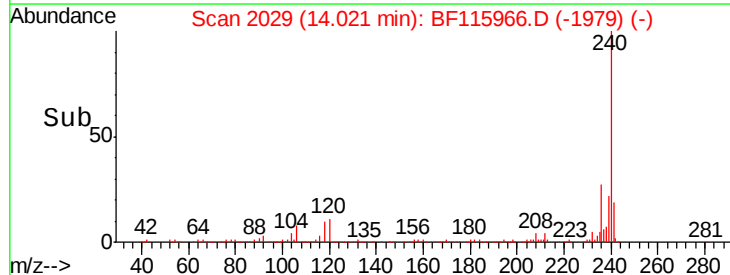
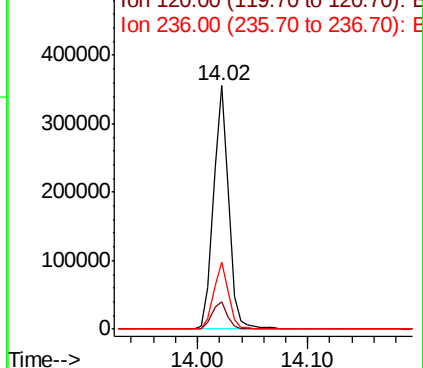


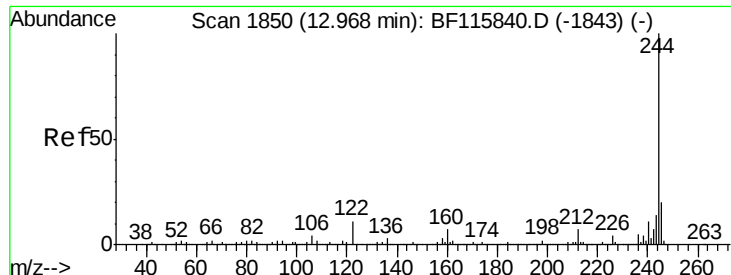
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Tgt Ion:240 Resp: 333584
Ion Ratio Lower Upper
240 100
120 11.3 8.5 12.7
236 27.3 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: 89.590 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

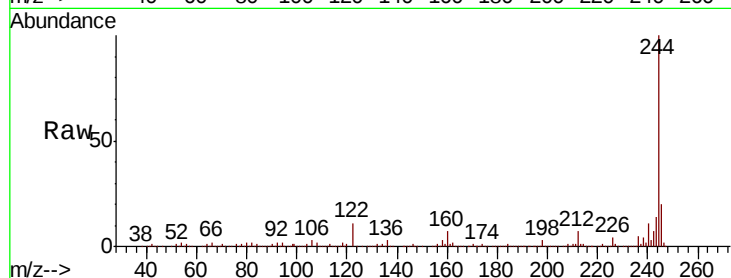
Tgt Ion:244 Resp: 1418296

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

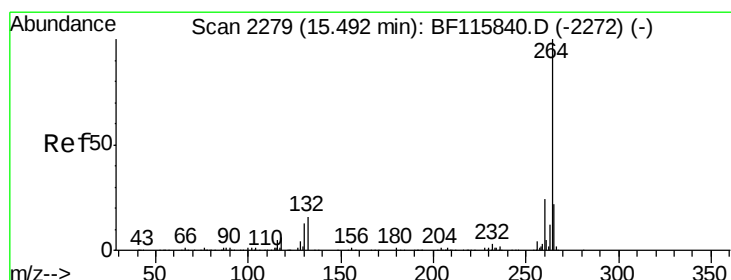
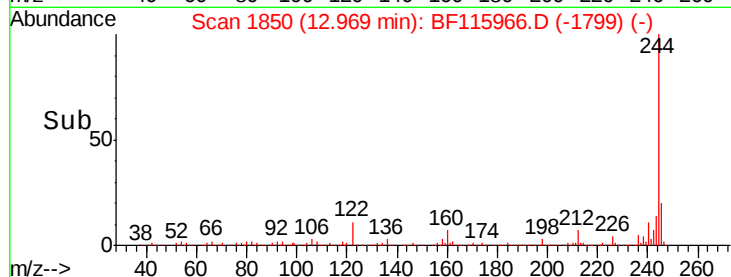
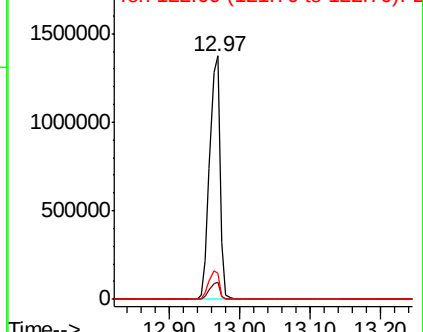
122 10.9 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

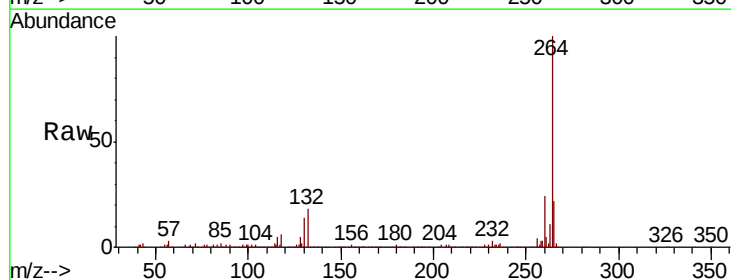
Tgt Ion:264 Resp: 384884

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.8 17.5 26.3



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

