

Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Quant Time: Jun 29 02:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	322750	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1226243	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	593677	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1118805	20.00	ng	0.00
76) Chrysene-d12	13.72	240	804654	20.00	ng	0.00
87) Perylene-d12	15.08	264	587582	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	732587	35.03	ng	0.00
7) Phenol-d6	6.24	99	923185	36.37	ng	0.00
23) Nitrobenzene-d5	7.15	82	523715	26.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	248271	39.66	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1081907	30.96	ng	0.00
79) Terphenyl-d14	12.68	244	1125530	29.74	ng	0.00

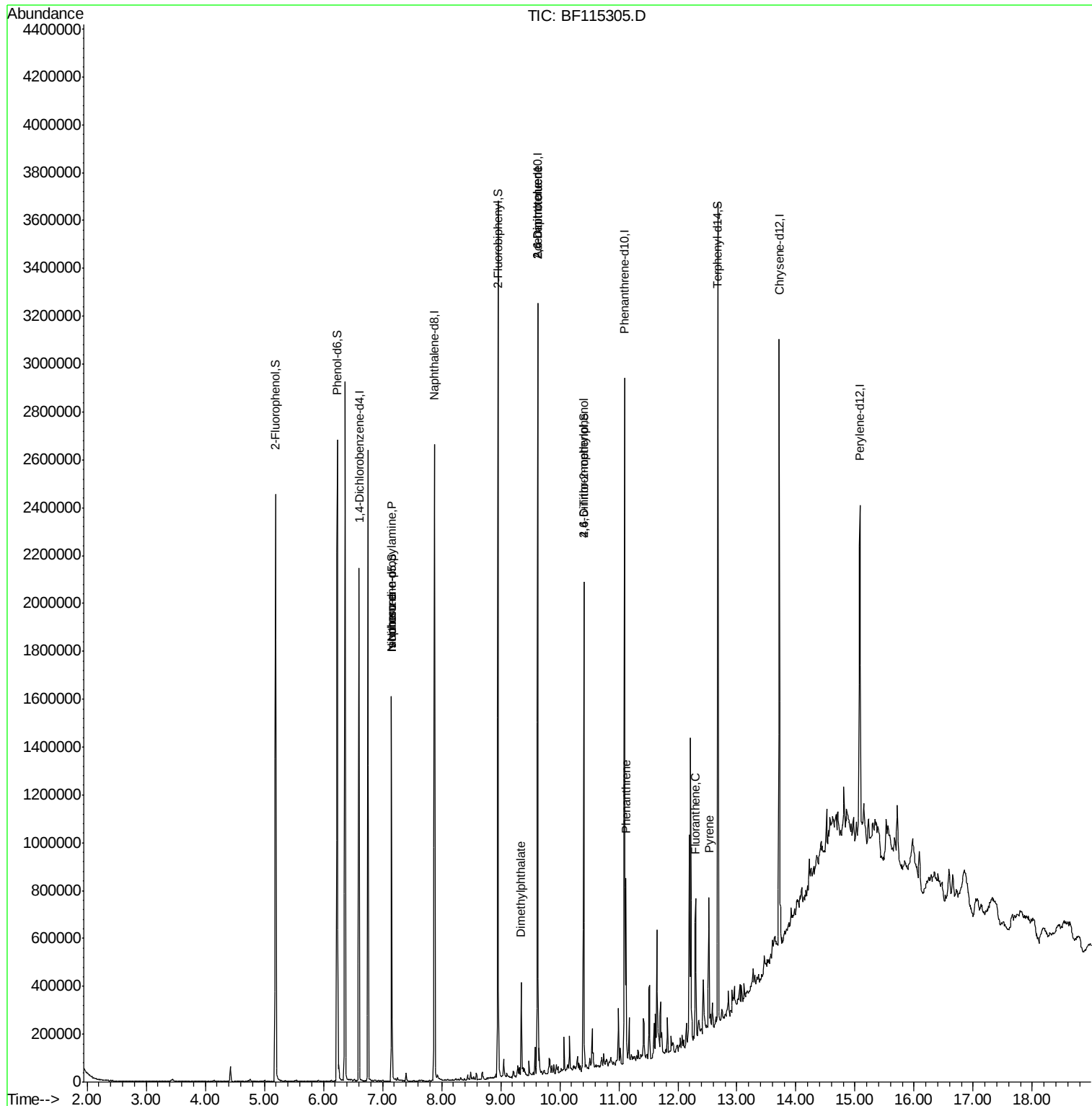
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.15	70	67953	4.181	ng	# 79
25) Isophorone	7.15	82	523707	12.825	ng	# 63
50) Dimethylphthalate	9.35	163	137998	3.159	ng	99
51) 2,6-Dinitrotoluene	9.62	165	78073	7.742	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	78073	5.996	ng	# 30
58) Fluorene	10.17	166	35793	Below Cal		99
61) 4-Chlorophenyl-phenylether	10.00	204	126	Below Cal	#	39
65) 4,6-Dinitro-2-methylphenol	10.41	198	551	5.043	ng	# 1
71) Phenanthrene	11.12	178	253354	4.206	ng	98
75) Fluoranthene	12.30	202	205943	3.427	ng	94
78) Pyrene	12.52	202	213186	3.447	ng	98

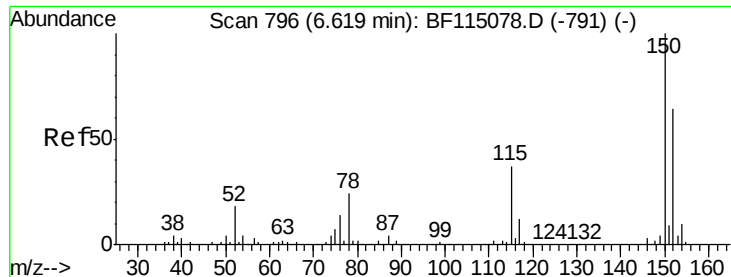
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Quant Time: Jun 29 02:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



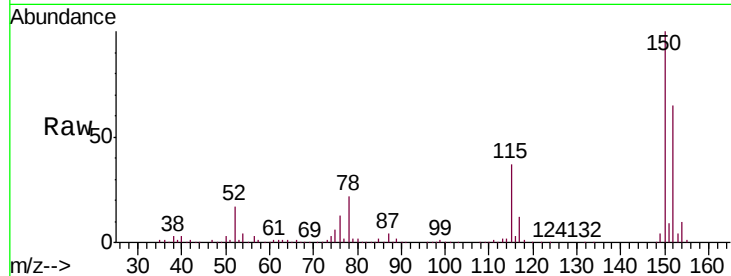


#1

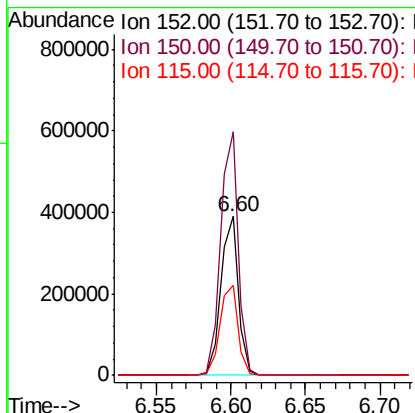
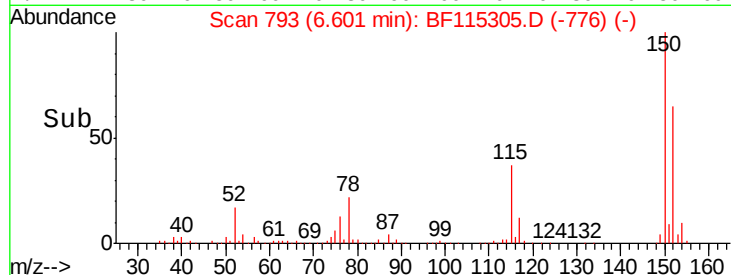
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	56.8	46.1	69.1



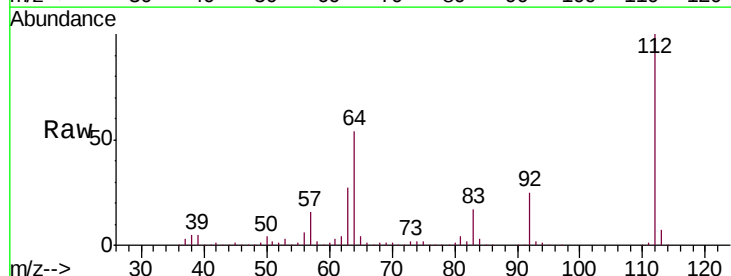
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



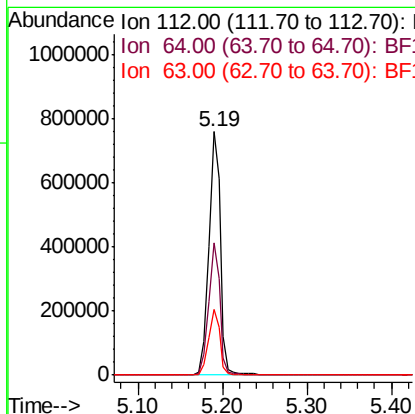
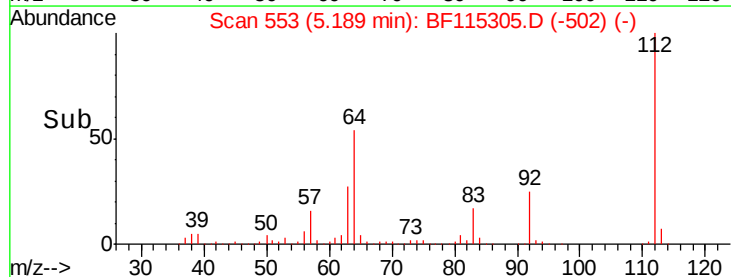
#5

2-Fluorophenol
 Concen: 35.027 ng
 RT: 5.19 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.8	65.6
63	27.2	22.2	33.4



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: 36.367 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

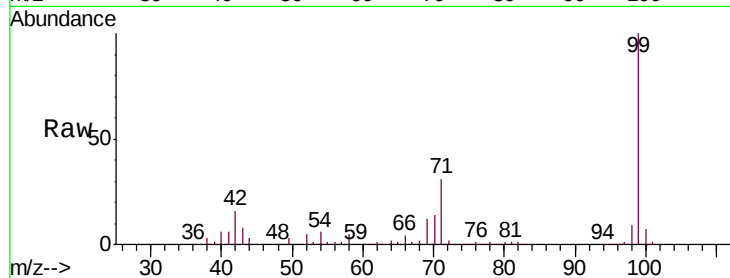
Tgt Ion: 99 Resp: 923185

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

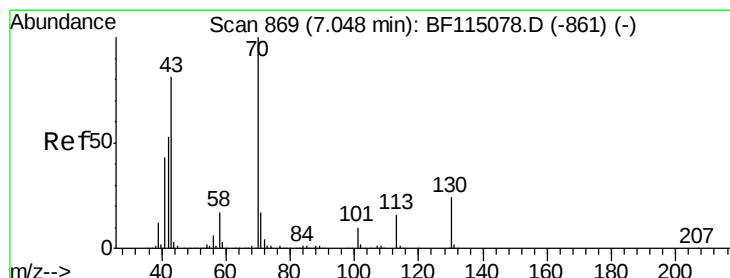
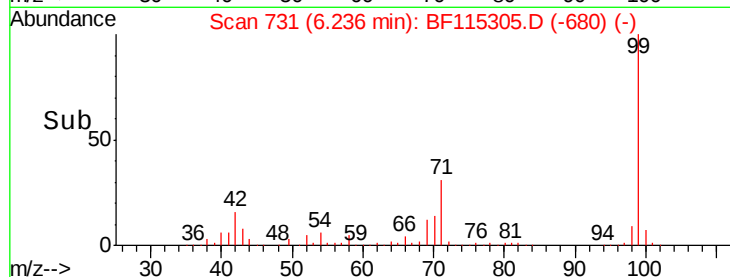
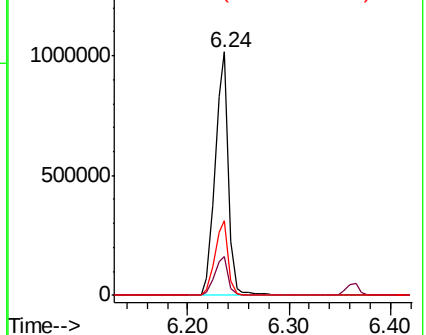
71 30.9 25.5 38.3



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: 4.181 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Tgt Ion: 70 Resp: 67953

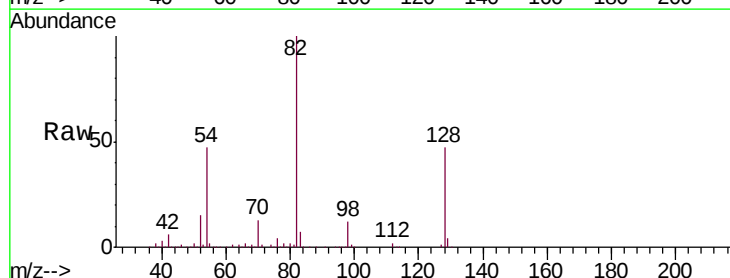
Ion Ratio Lower Upper

70 100

42 46.7 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

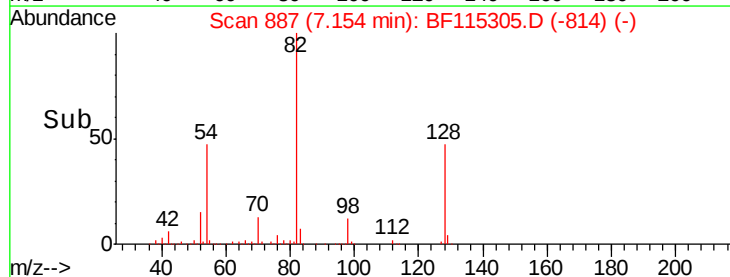
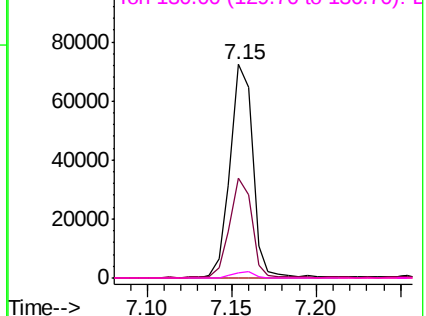


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

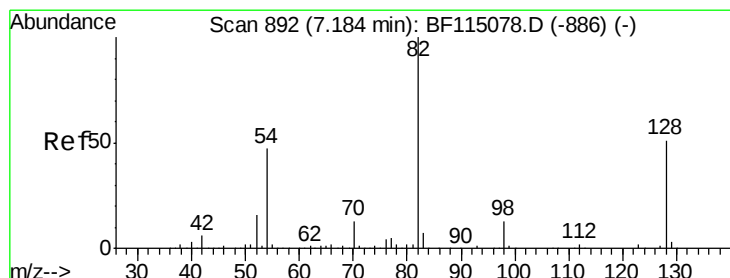
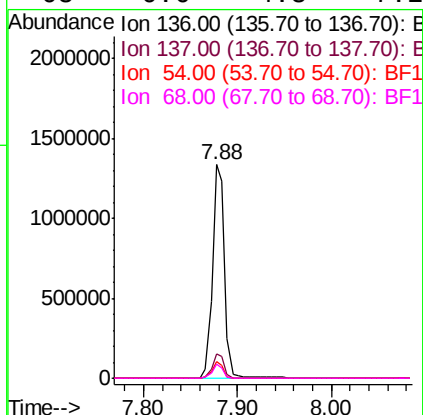
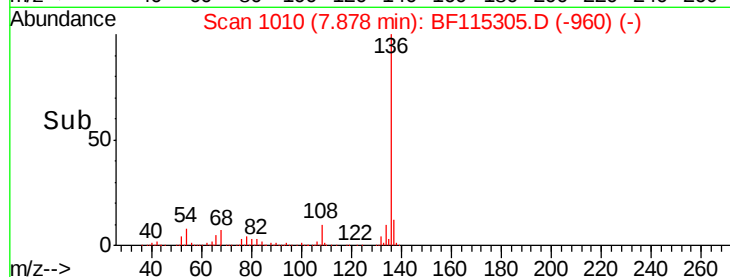
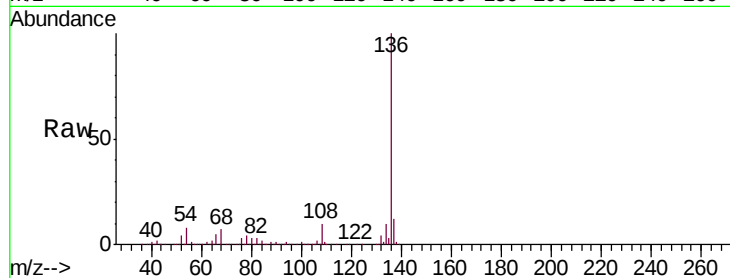




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

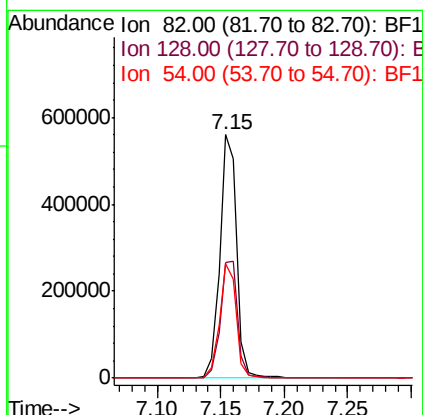
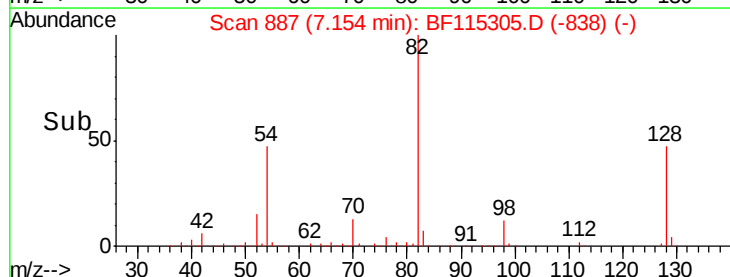
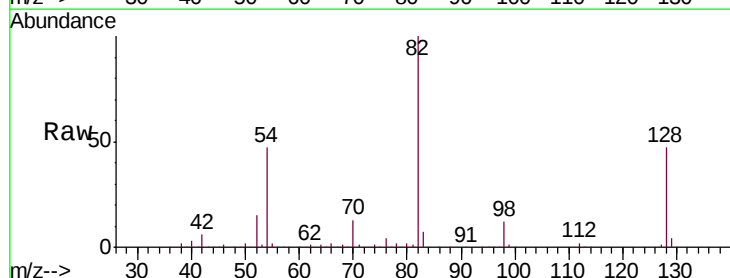
Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tgt Ion: 136 Resp: 1226243
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.7 5.6 8.4
68 6.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 26.273 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion: 82 Resp: 523715
Ion Ratio Lower Upper
82 100
128 47.4 40.4 60.6
54 46.7 37.5 56.3





#25

Isophorone

Concen: 12.825 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

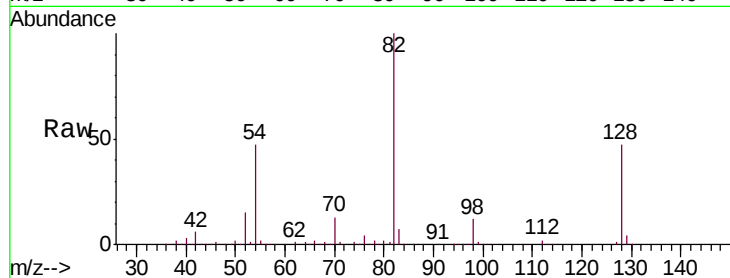
Tgt Ion: 82 Resp: 523707

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

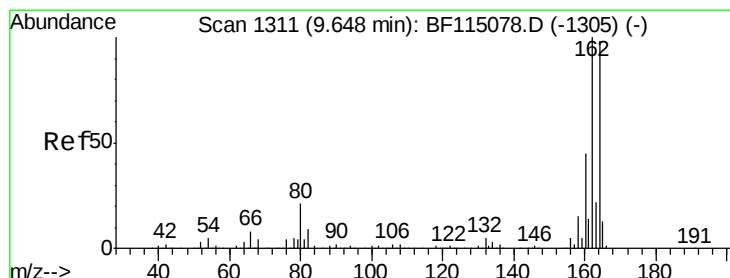
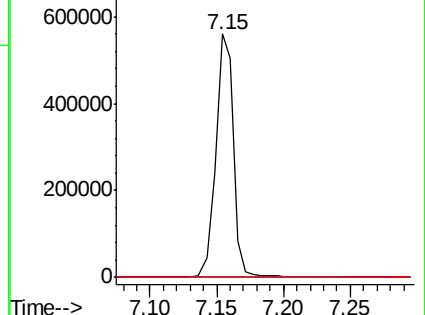
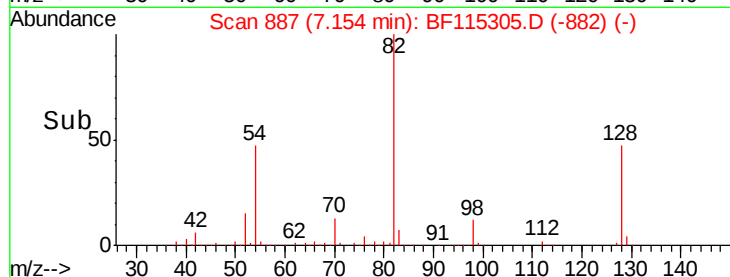
138 0.0 15.9 23.9#



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: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

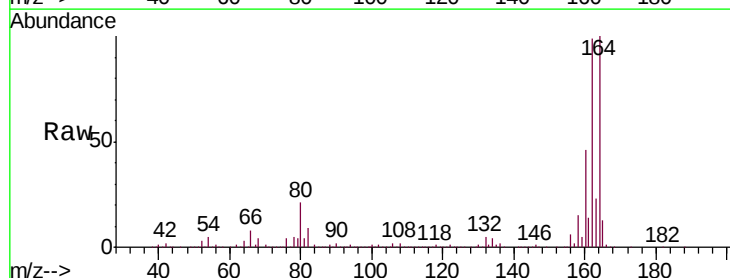
Tgt Ion: 164 Resp: 593677

Ion Ratio Lower Upper

164 100

162 99.4 81.7 122.5

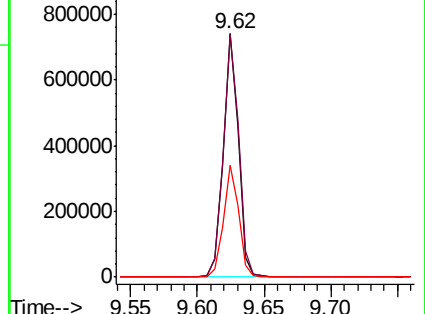
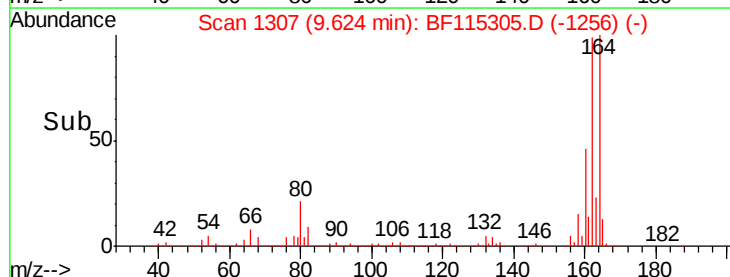
160 45.9 37.0 55.4



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

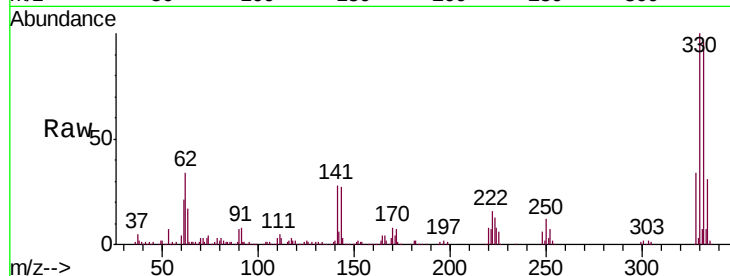




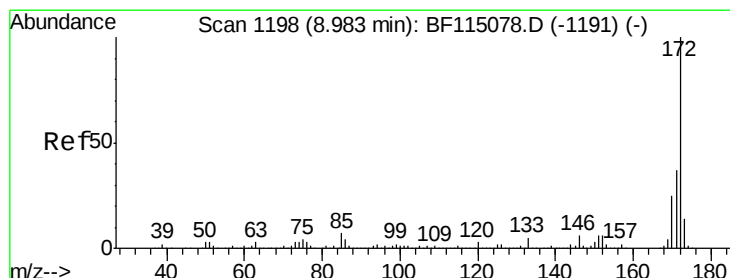
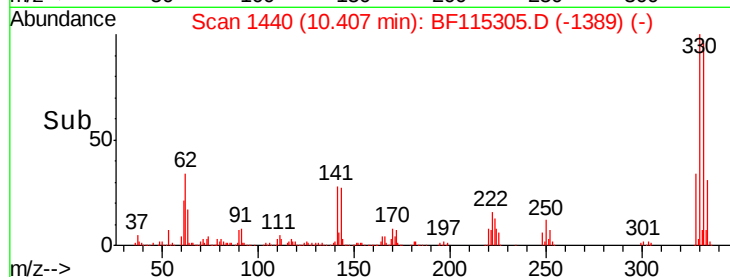
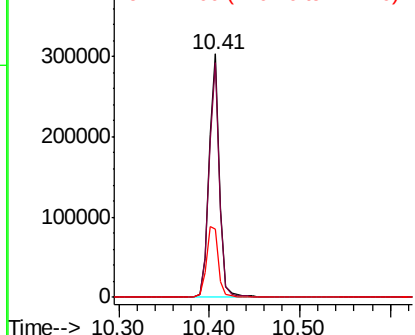
#42
 2,4,6-Tribromophenol
 Concen: 39.657 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tgt Ion:330 Resp: 248271
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.0 28.2 42.2

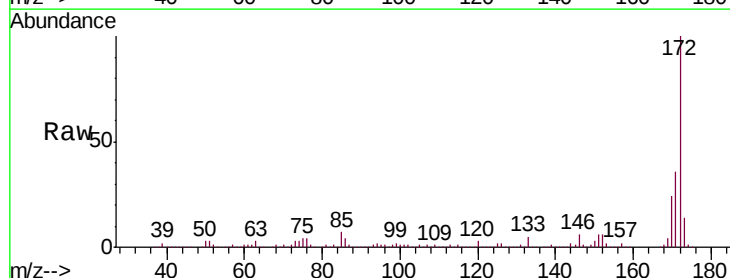


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

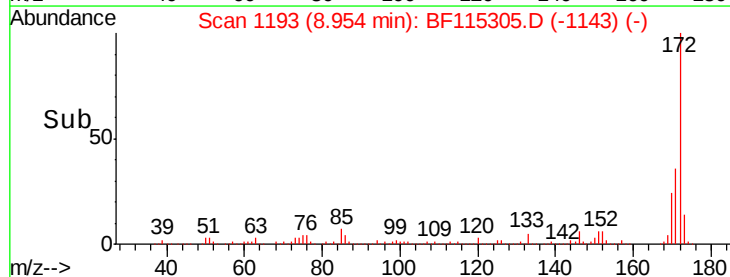
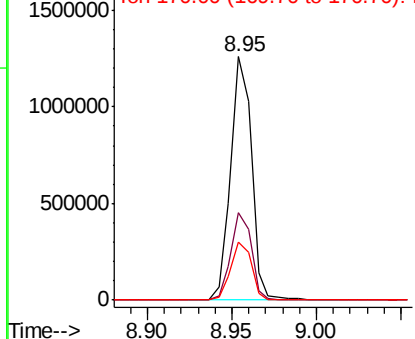


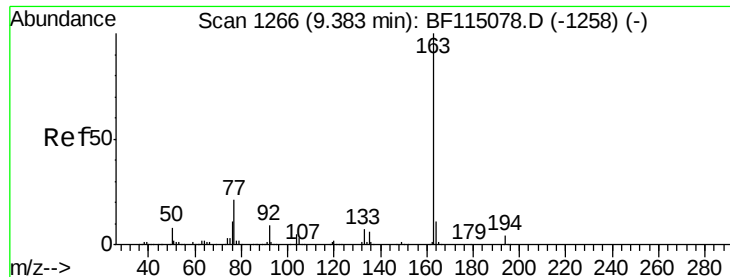
#45
 2-Fluorobiphenyl
 Concen: 30.955 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:172 Resp: 1081907
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.6
 170 24.1 20.3 30.5



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

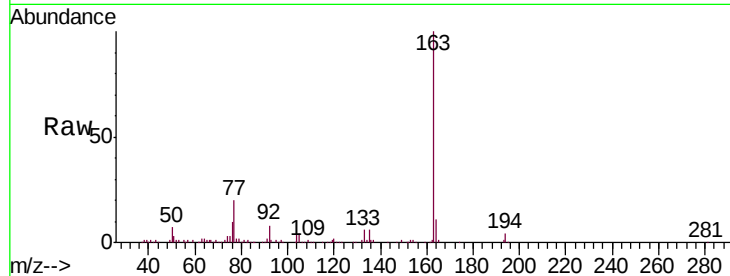




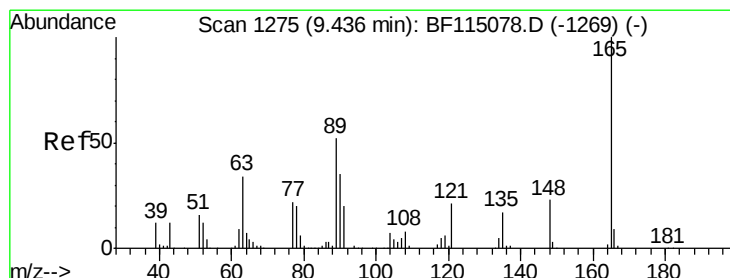
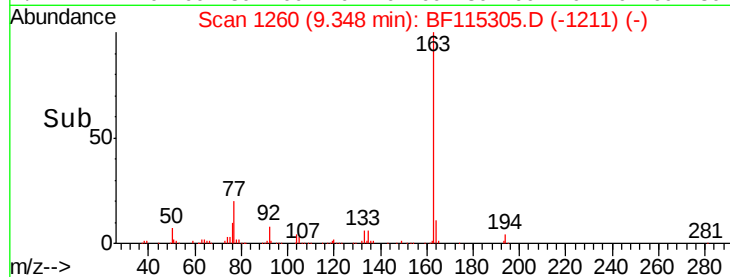
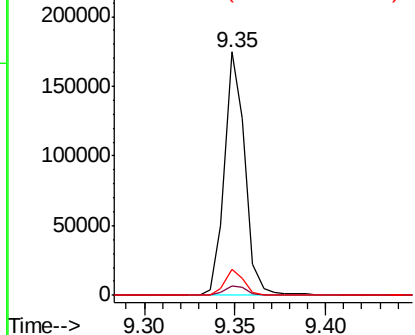
#50
Dimethylphthalate
Concen: 3.159 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.5	8.6	13.0

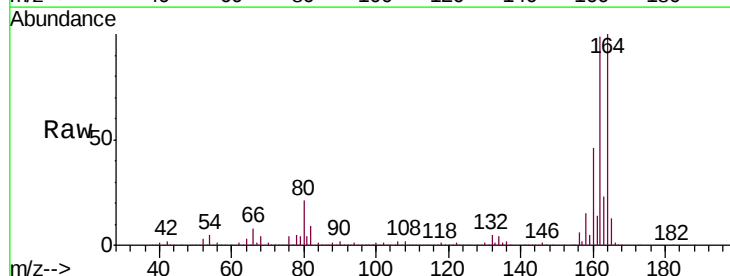


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

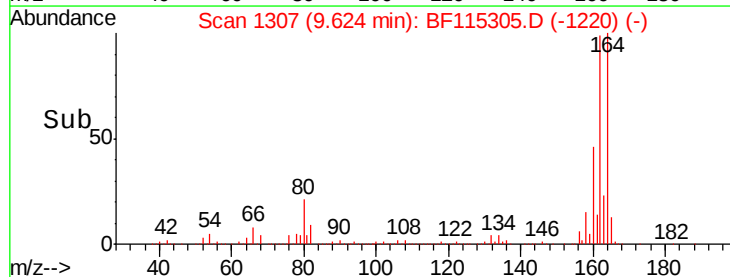
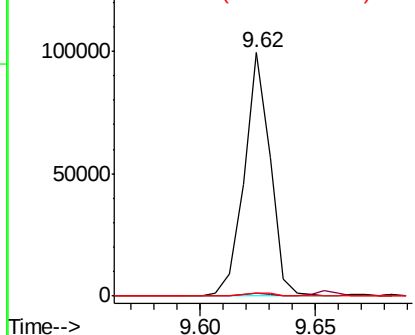


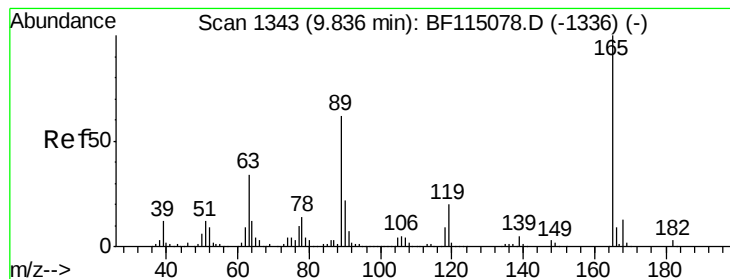
#51
2,6-Dinitrotoluene
Concen: 7.742 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.2	42.0	63.0#



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

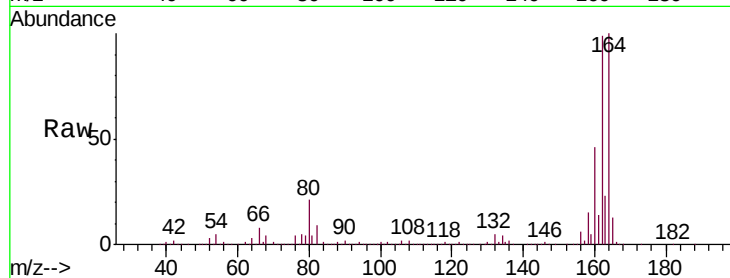




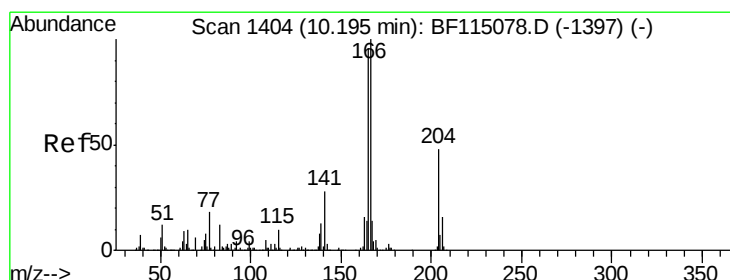
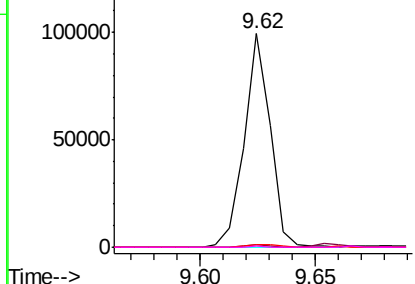
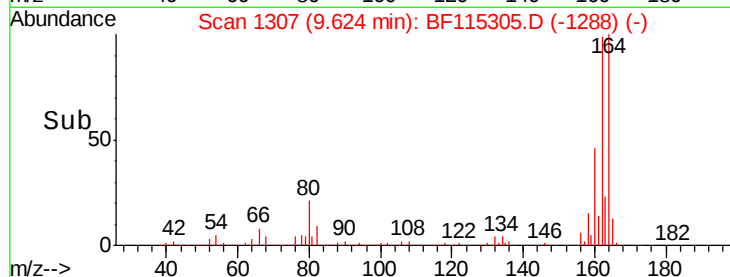
#57
 2,4-Dinitrotoluene
 Concen: 5.996 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tgt Ion:	165	Resp:	78073
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.2	49.9	74.9#
182	0.4	2.1	3.1#

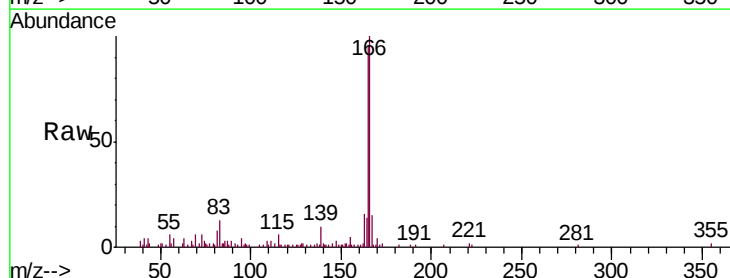


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

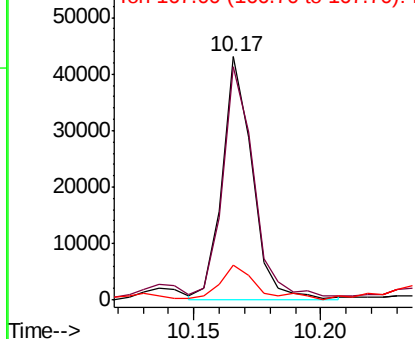
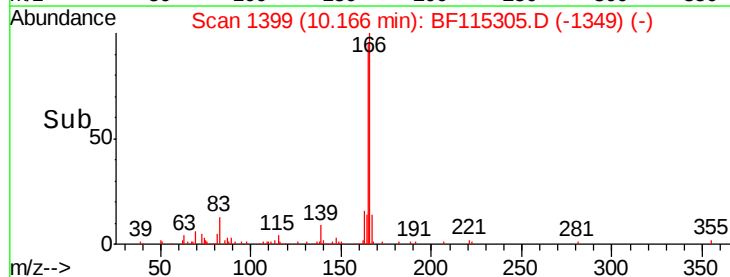


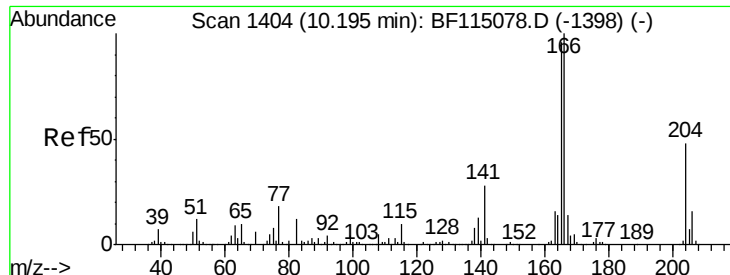
#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:	166	Resp:	35793
Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.5	114.7
167	14.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

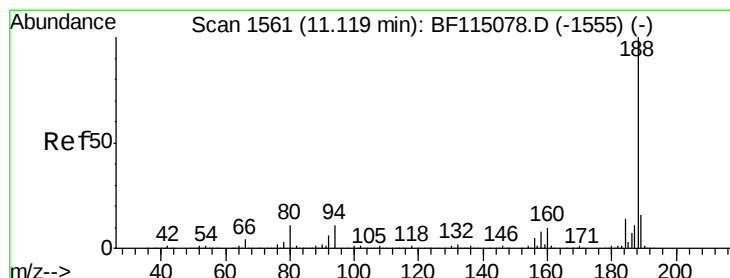
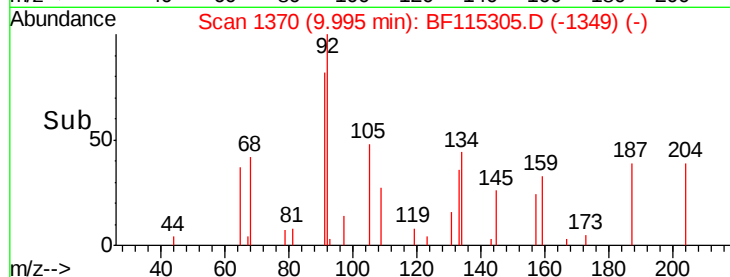
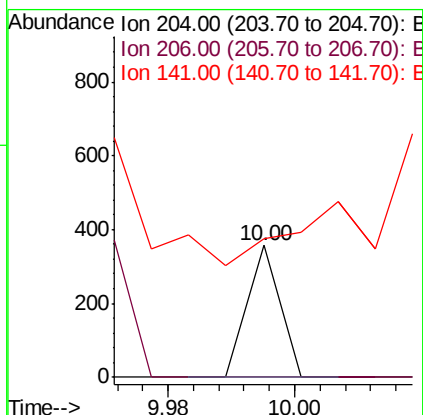
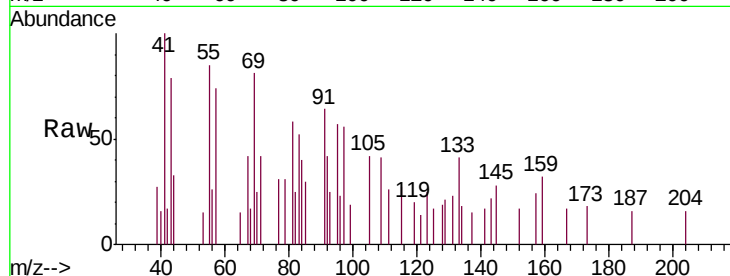




#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.18 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

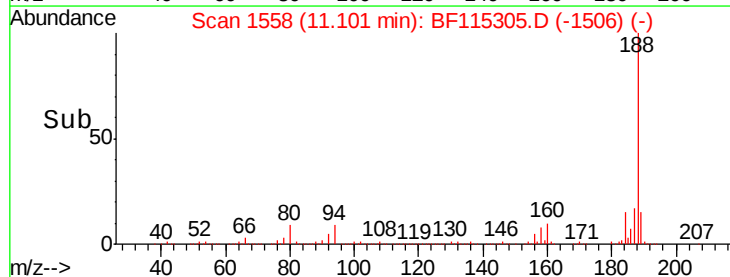
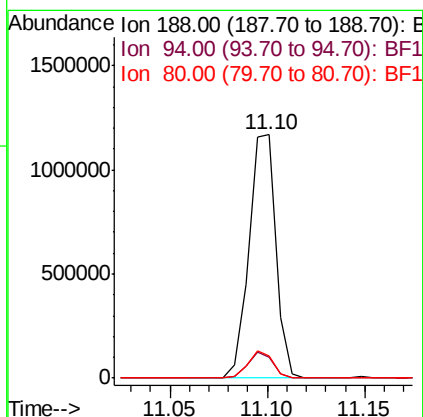
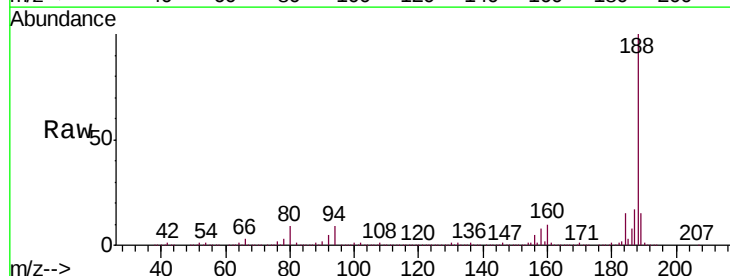
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

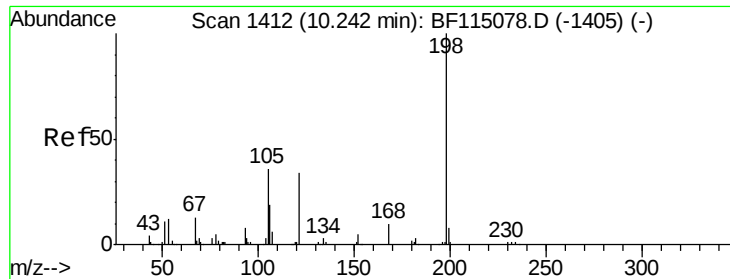
Tgt Ion:204 Resp: 126
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 104.8 46.7 70.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:188 Resp: 1118805
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.6 12.8
 80 9.3 8.8 13.2

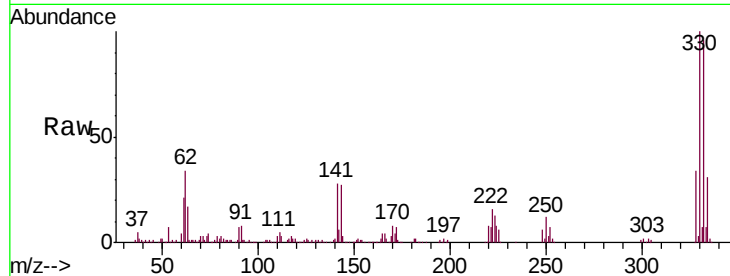




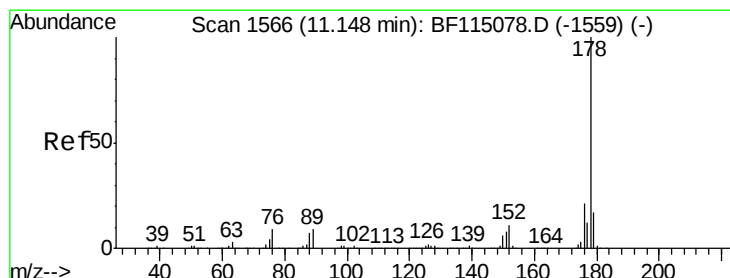
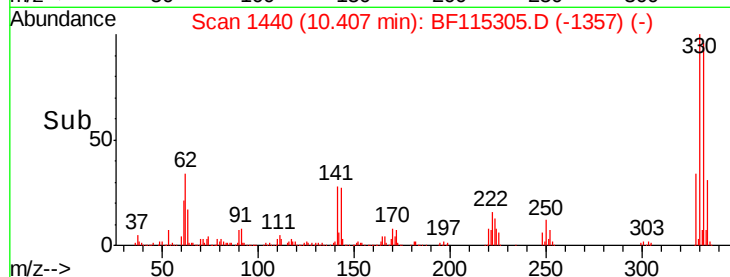
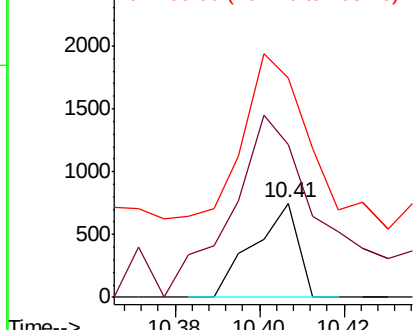
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.043 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tgt Ion:198 Resp: 551
 Ion Ratio Lower Upper
 198 100
 51 162.1 11.0 51.0#
 105 233.5 17.3 57.3#

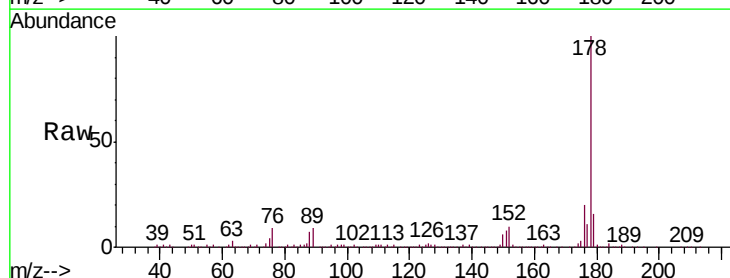


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

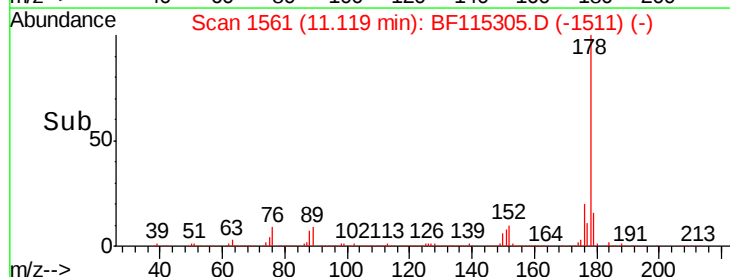
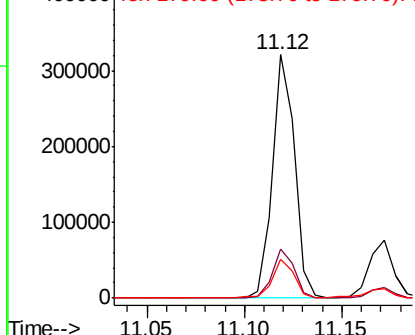


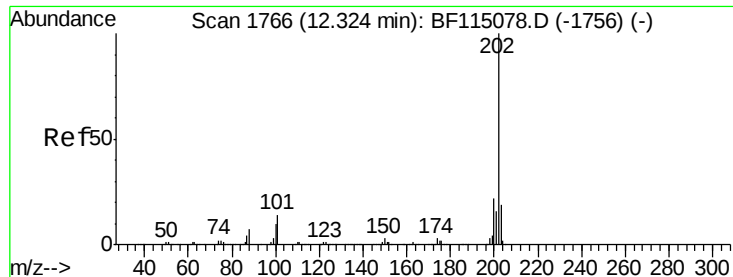
#71
 Phenanthrene
 Concen: 4.206 ng
 RT: 11.12 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:178 Resp: 253354
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.9 25.3
 179 16.0 13.2 19.8



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





#75

Fluoranthene

Concen: 3.427 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

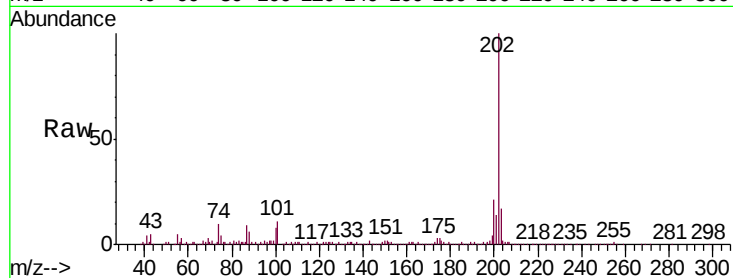
Tgt Ion:202 Resp: 205943

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.0

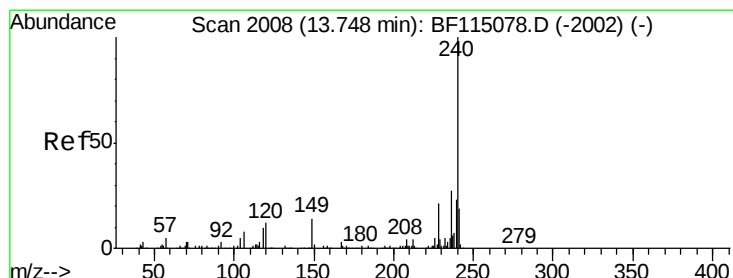
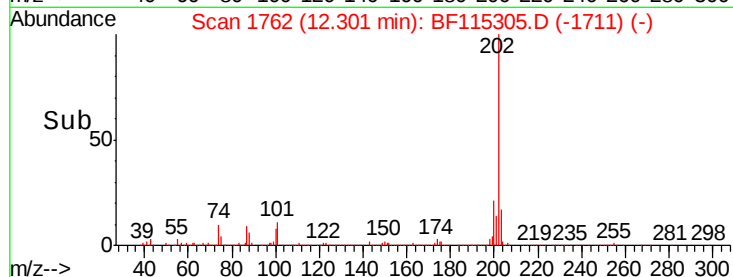
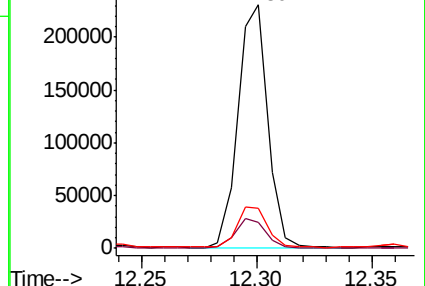
203 16.7 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

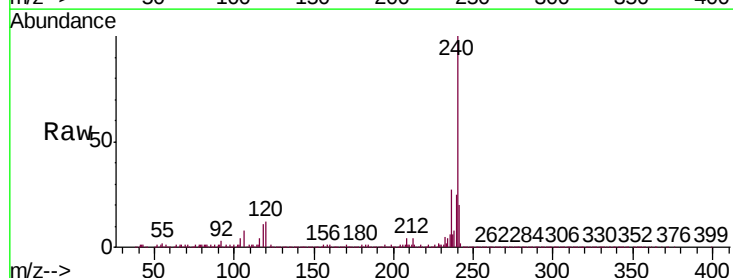
Tgt Ion:240 Resp: 804654

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

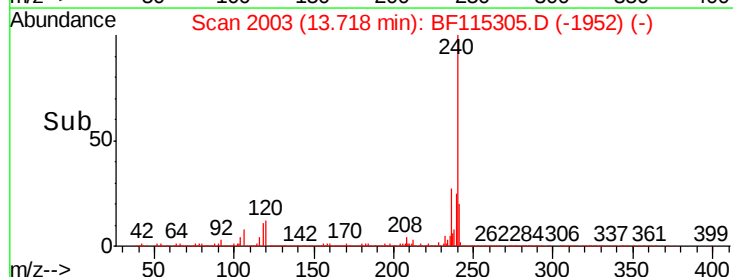
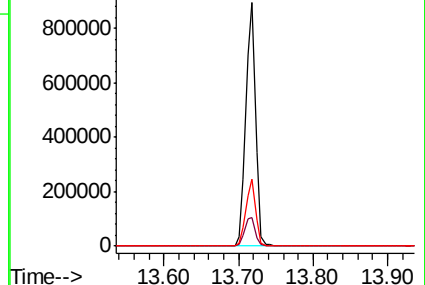
236 27.3 21.7 32.5

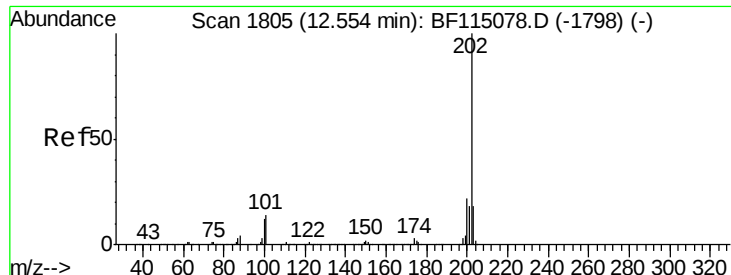


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

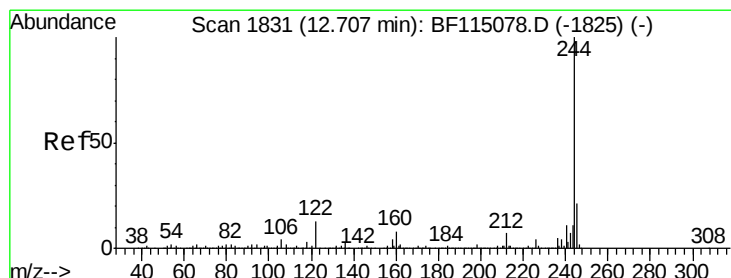
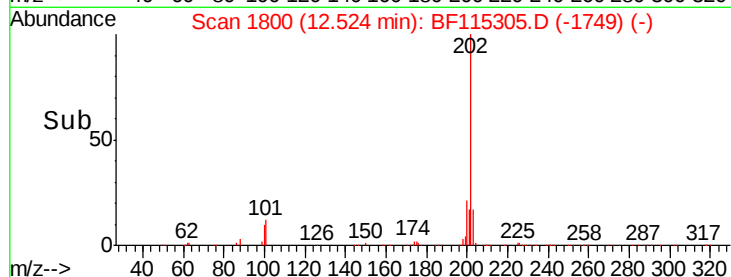
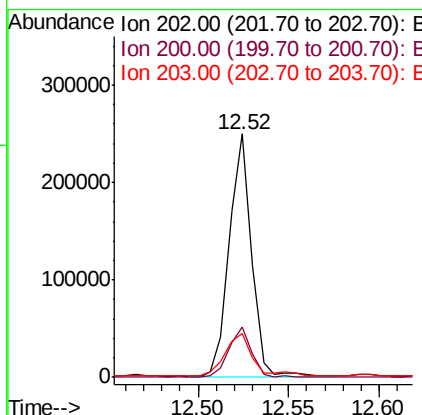
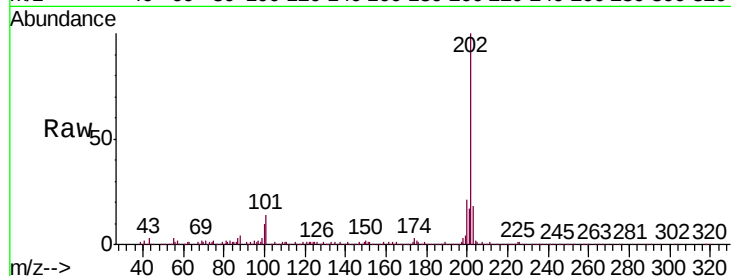




#78
Pyrene
Concen: 3.447 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

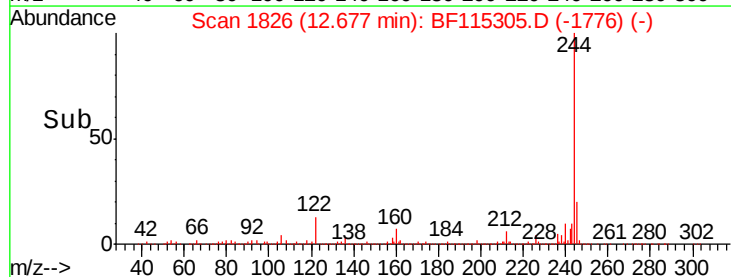
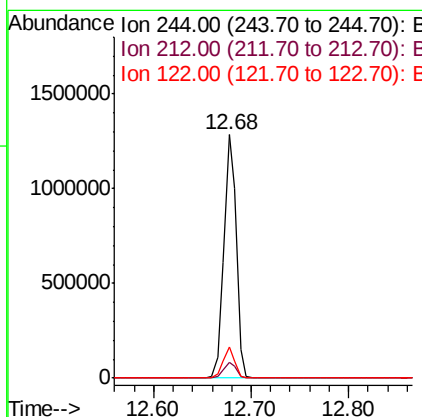
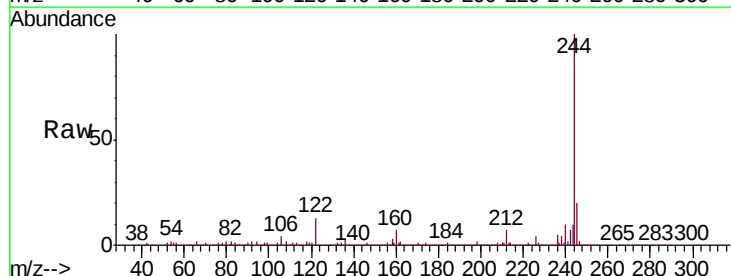
Instrument :
BNA_F
ClientSampleId :
OK-02-062719

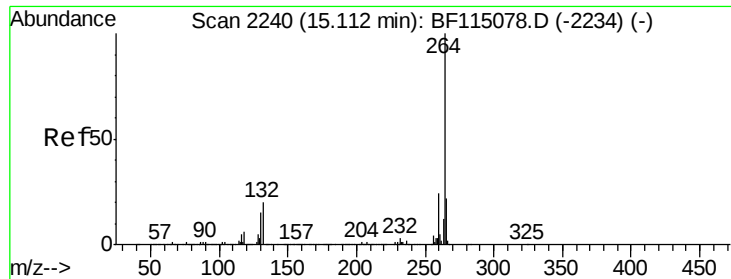
Tgt Ion:	202	Resp:	213186
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	18.0	14.6	21.8



#79
Terphenyl-d14
Concen: 29.740 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion:	244	Resp:	1125530
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	12.7	10.4	15.6

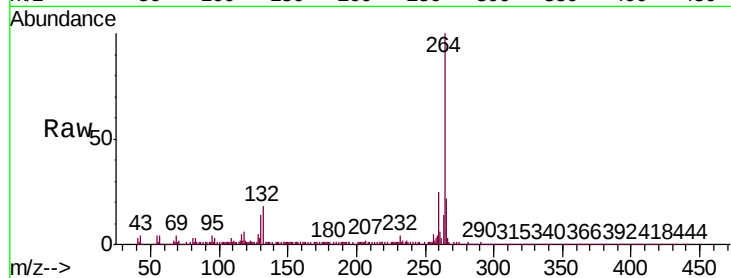




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.1	17.3	25.9



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

