

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115372.D
 Acq On : 2 Jul 2019 20:54
 Operator : HP/JU
 Sample : K3605-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Quant Time: Jul 03 05:55:47 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	6.61	152	217687	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	833713	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	396784	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	791902	20.00	ng	0.02
76) Chrysene-d12	13.74	240	514535	20.00	ng	0.02
87) Perylene-d12	15.11	264	516235	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	656460	46.54	ng	0.01
7) Phenol-d6	6.24	99	528896	30.89	ng	0.00
23) Nitrobenzene-d5	7.17	82	1148416	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	289185	69.11	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2104665	90.10	ng	0.01
79) Terphenyl-d14	12.71	244	2287674	94.53	ng	0.02

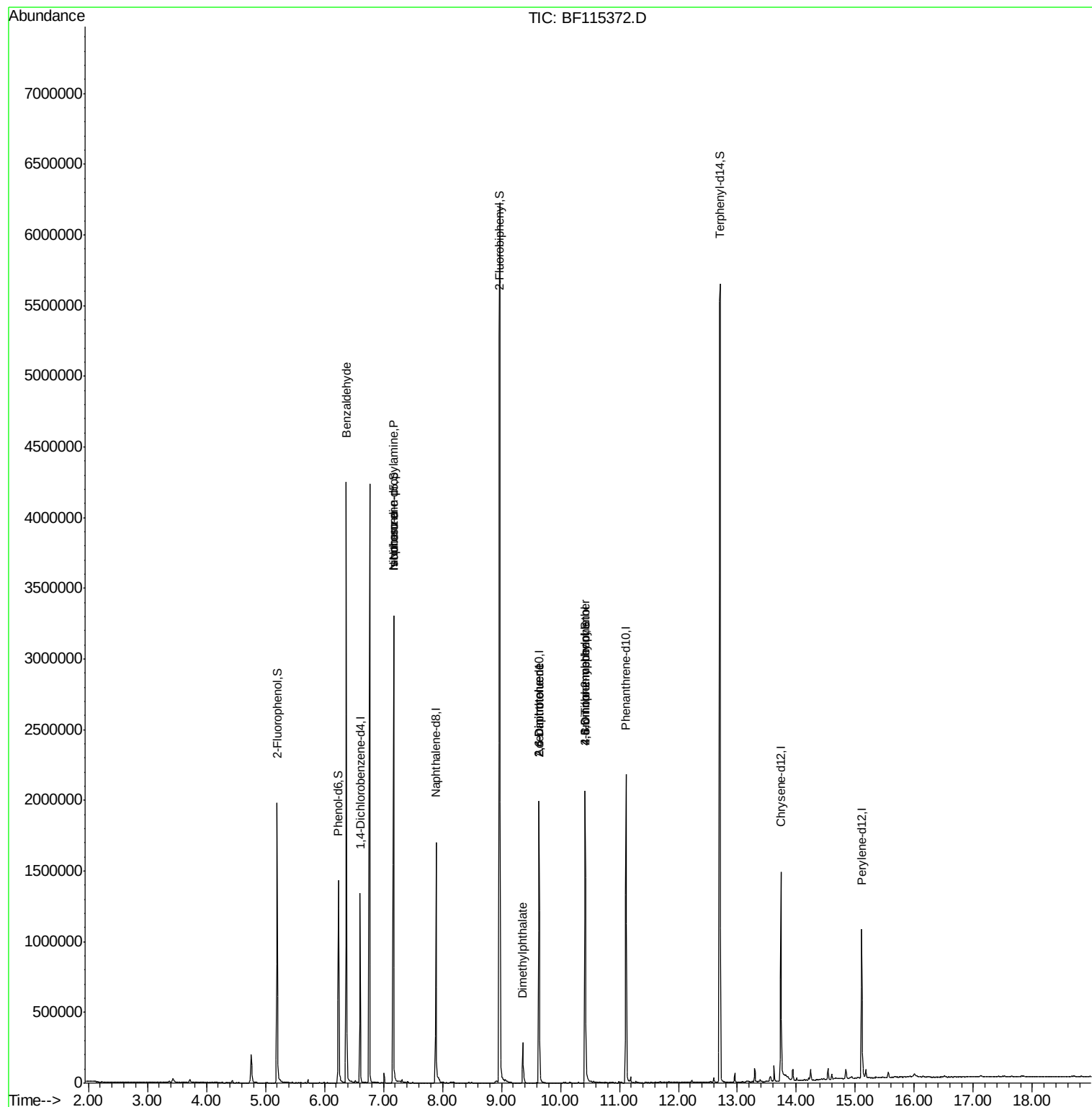
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	26536	2.376	ng	# 77
19) n-Nitroso-di-n-propylamine	7.17	70	150377	13.718	ng	# 77
25) Isophorone	7.17	82	1130981	40.736	ng	# 63
50) Dimethylphthalate	9.37	163	163100	5.587	ng	# 98
51) 2,6-Dinitrotoluene	9.64	165	50289	7.462	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	50289	5.779	ng	# 30
58) Fluorene	10.42	166	13224	Below Cal		# 90
61) 4-Chlorophenyl-phenylether	10.18	204	114	Below Cal		# 29
65) 4,6-Dinitro-2-methylphenol	10.42	198	591	5.086	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	18027	2.100	ng	# 1

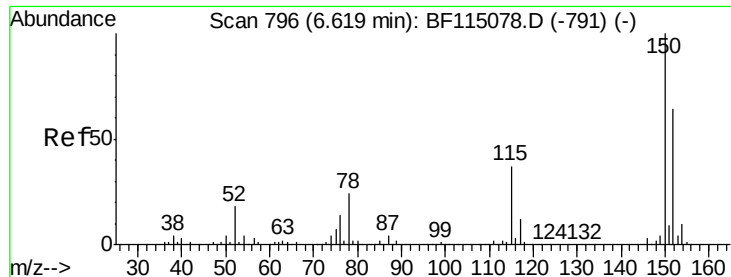
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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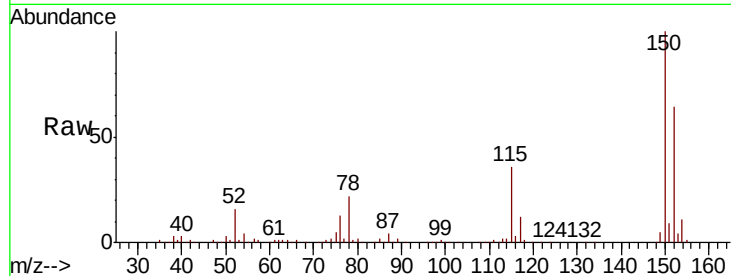


#1

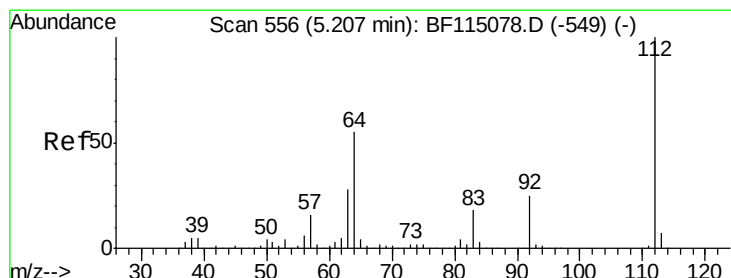
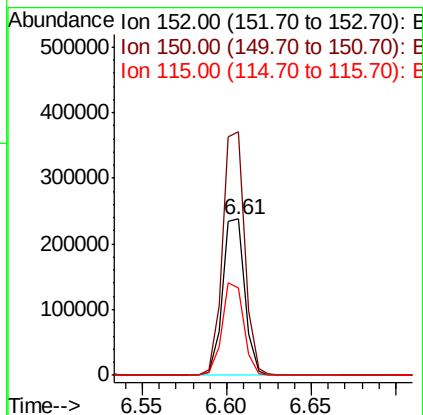
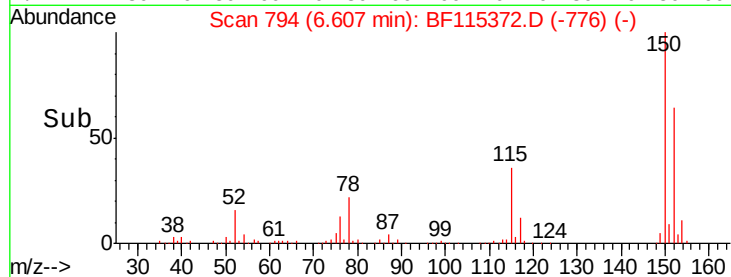
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:152 Resp: 217687
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 56.0 46.1 69.1



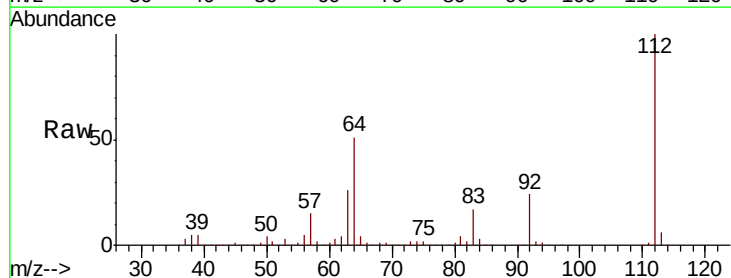
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



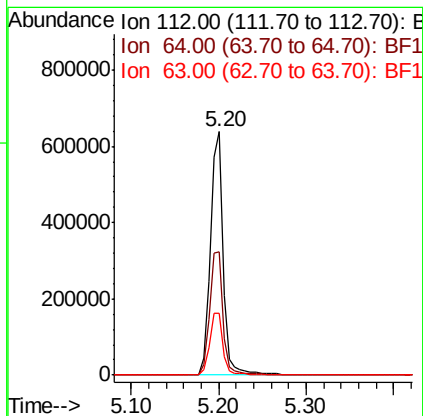
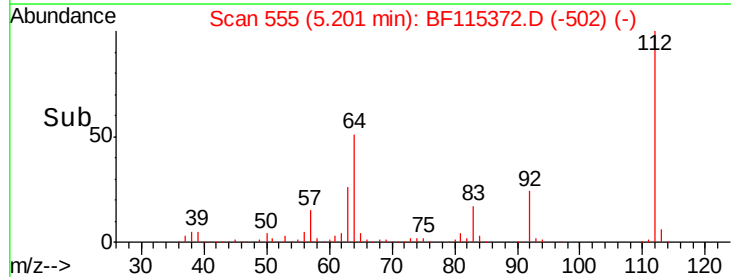
#5

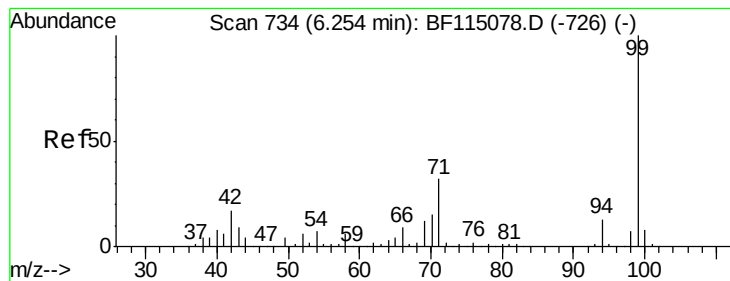
2-Fluorophenol
Concen: 46.536 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:112 Resp: 656460
Ion Ratio Lower Upper
112 100
64 50.7 43.8 65.6
63 25.6 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: 30.890 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIP-BLANK

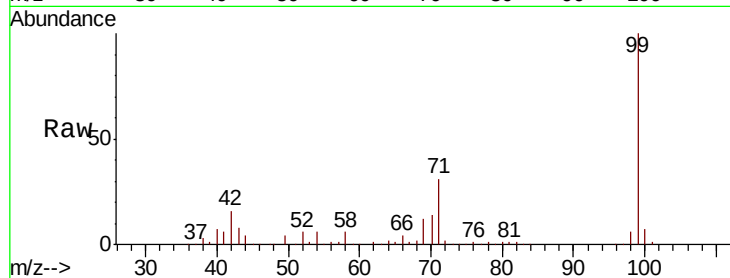
Tgt Ion: 99 Resp: 528896

Ion Ratio Lower Upper

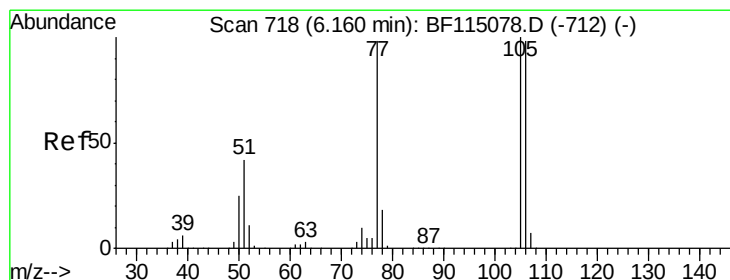
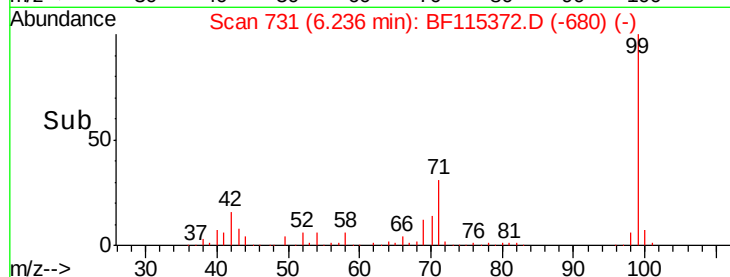
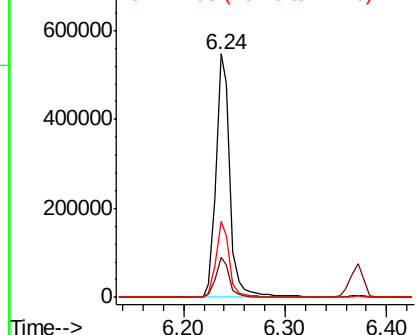
99 100

42 16.4 13.6 20.4

71 31.3 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



#9

Benzaldehyde

Concen: 2.376 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.23 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

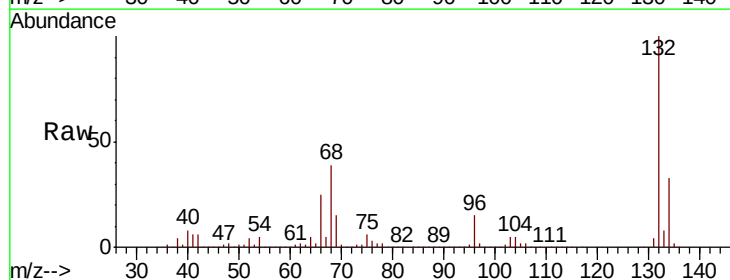
Tgt Ion: 77 Resp: 26536

Ion Ratio Lower Upper

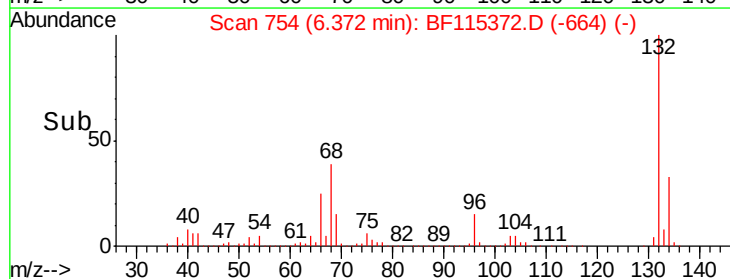
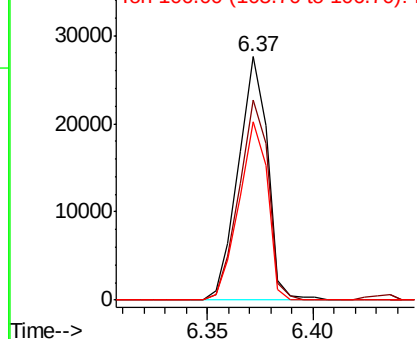
77 100

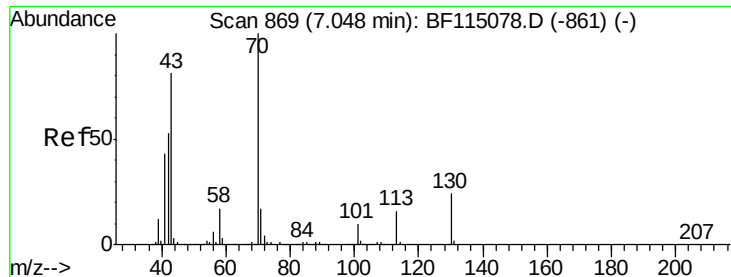
105 82.0 81.5 121.5

106 73.4 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

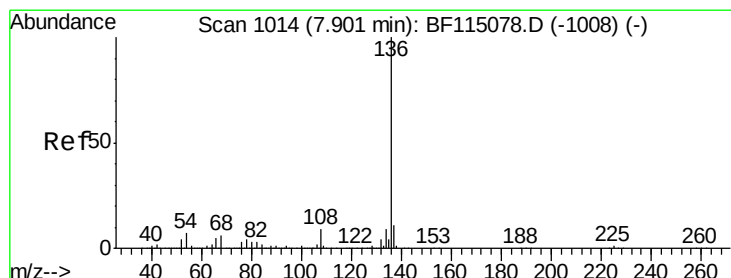
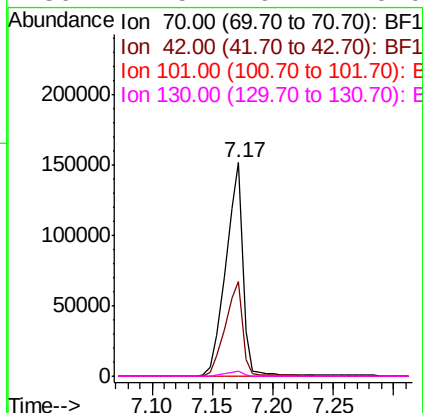
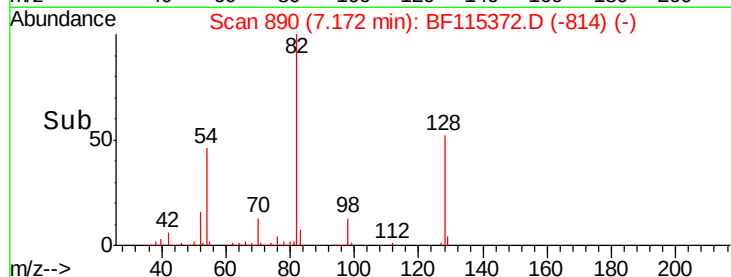
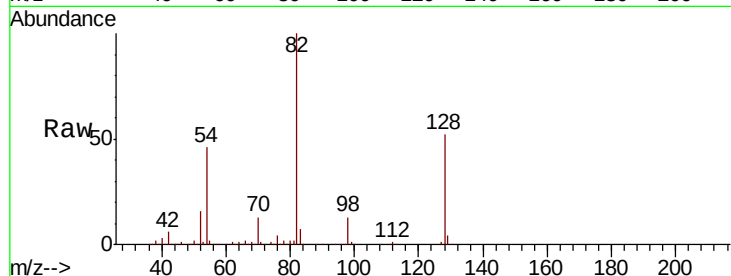




#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

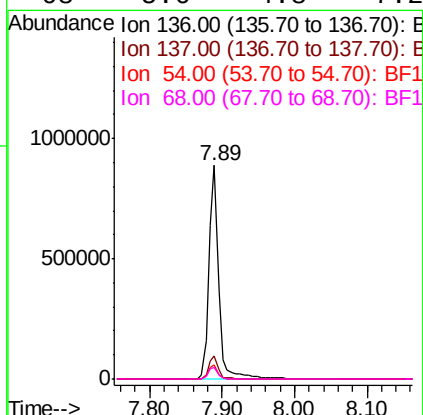
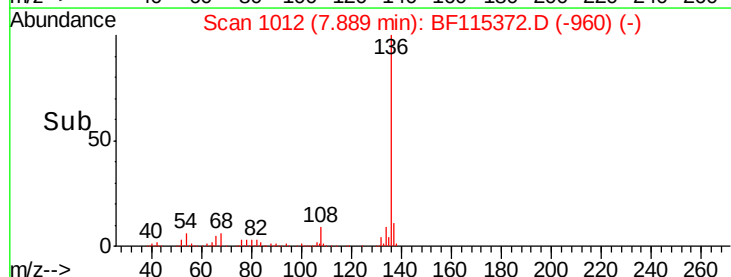
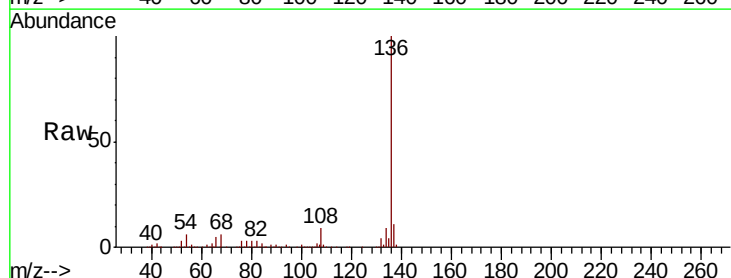
Instrument :
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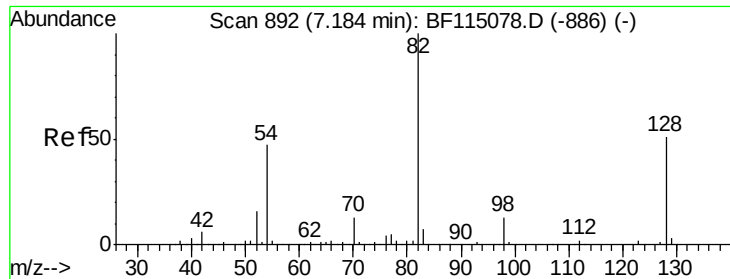
Tgt Ion:	70	Resp:	150377
Ion	Ratio	Lower	Upper
70	100		
42	44.1	42.6	63.8
101	0.0	8.0	12.0#
130	2.5	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:	136	Resp:	833713
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	5.6	8.4
68	5.6	4.8	7.2

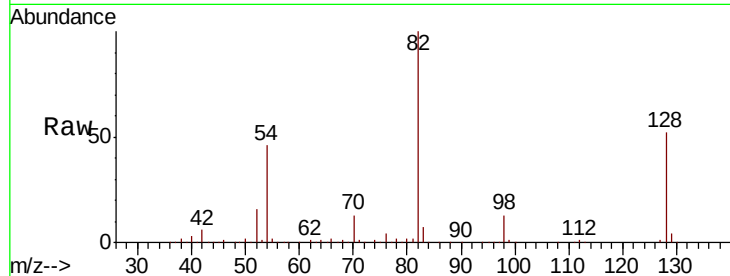




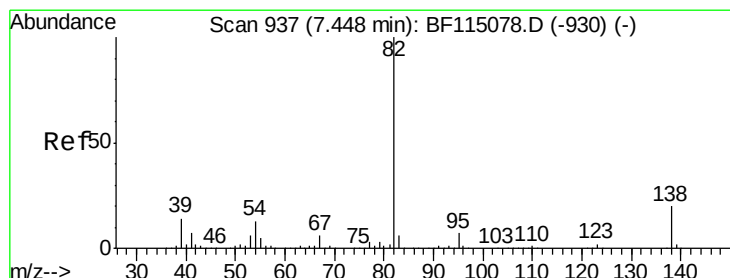
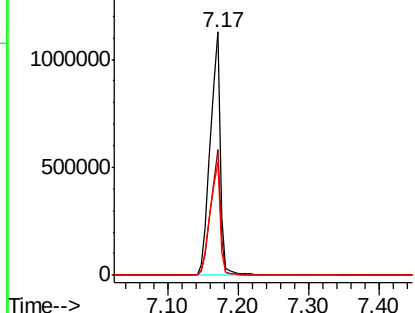
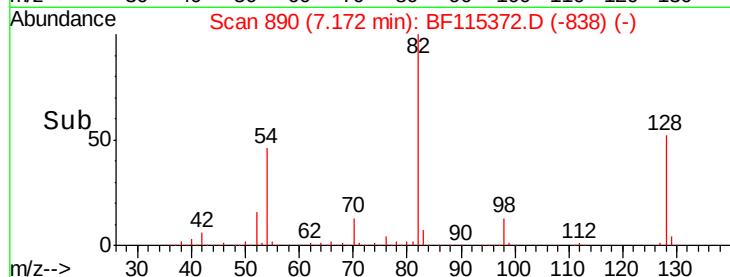
#23
Nitrobenzene-d5
Concen: 84.736 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion: 82 Resp: 1148416
Ion Ratio Lower Upper
82 100
128 51.9 40.4 60.6
54 46.3 37.5 56.3

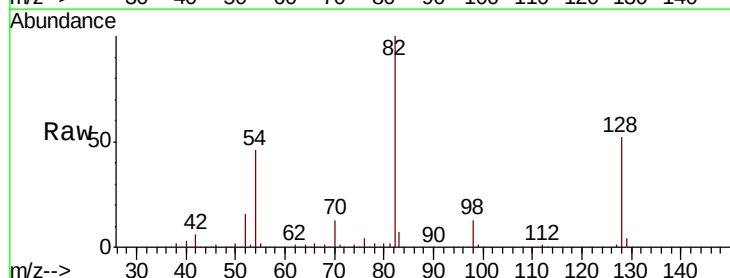


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

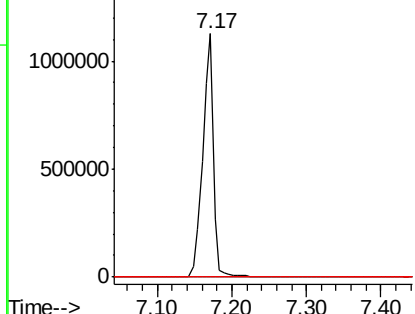
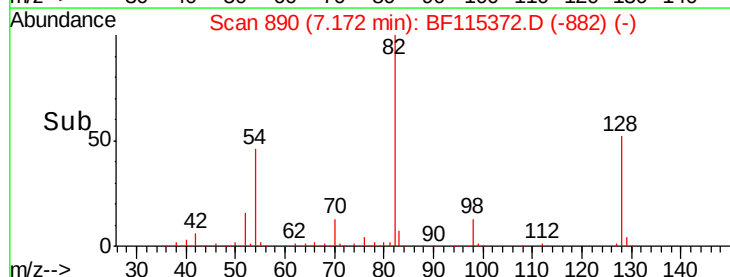


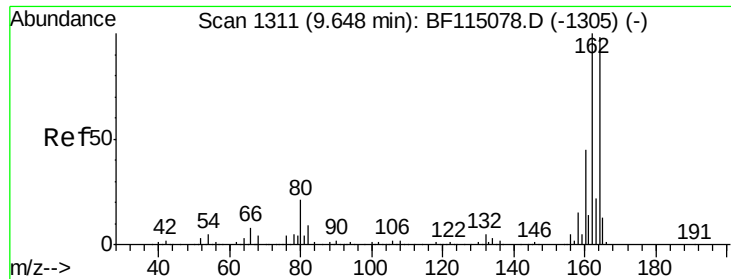
#25
Isophorone
Concen: 40.736 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.25 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion: 82 Resp: 1130981
Ion Ratio Lower Upper
82 100
95 0.0 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

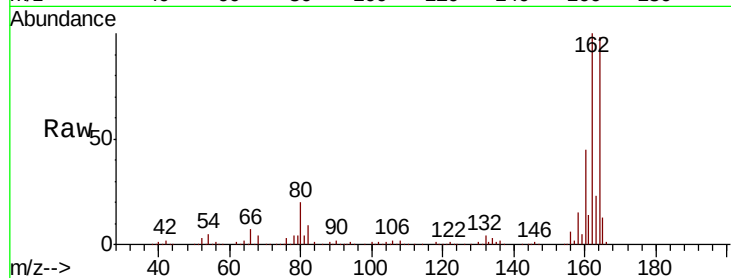




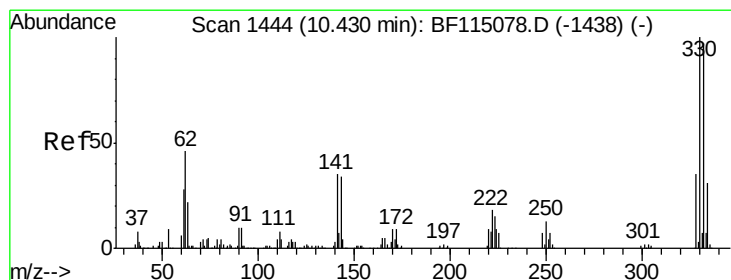
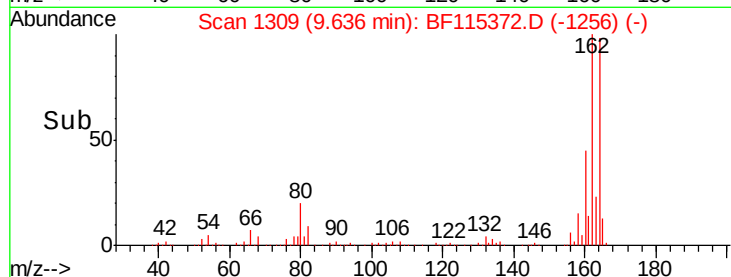
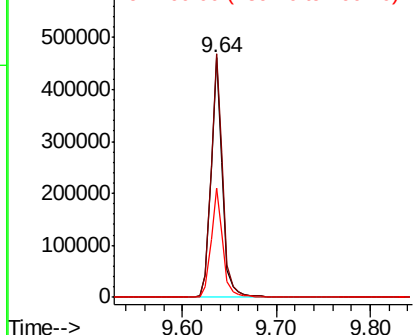
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:164 Resp: 396784
Ion Ratio Lower Upper
164 100
162 101.7 81.7 122.5
160 45.6 37.0 55.4

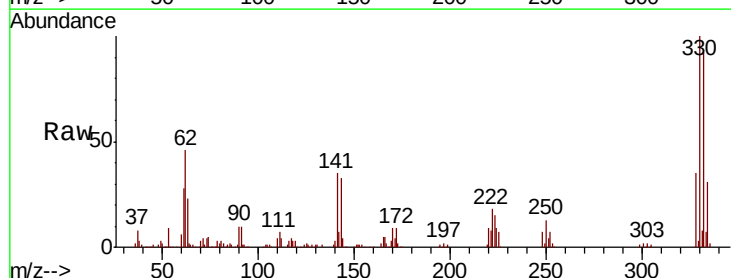


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

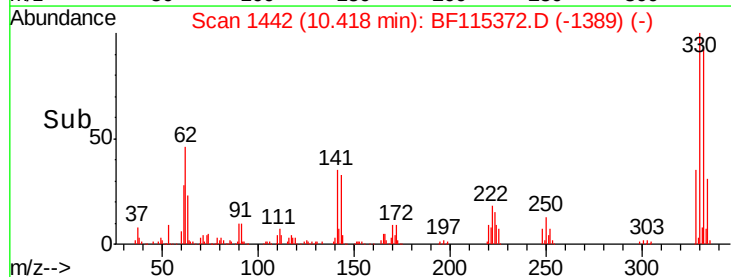
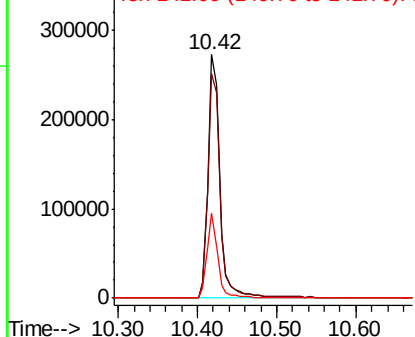


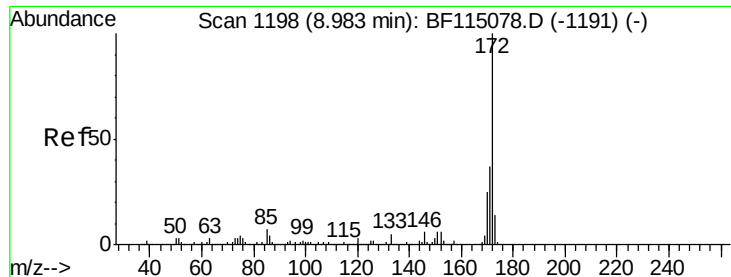
#42
2,4,6-Tribromophenol
Concen: 69.113 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:330 Resp: 289185
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.5 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

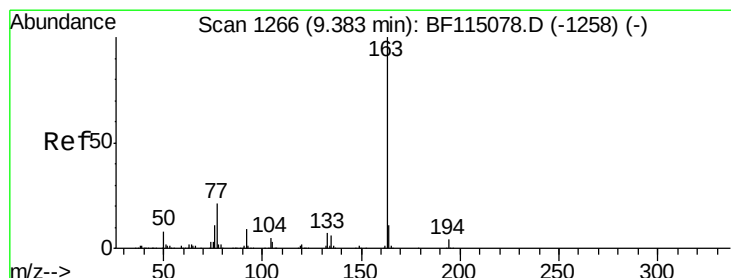
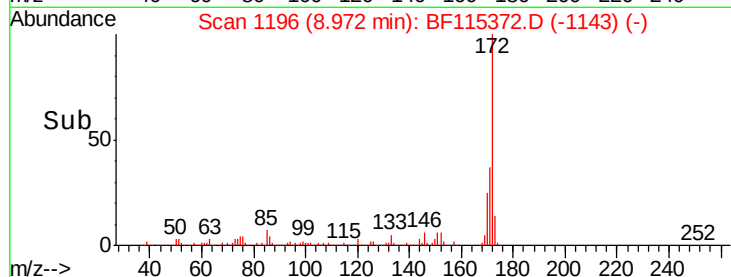
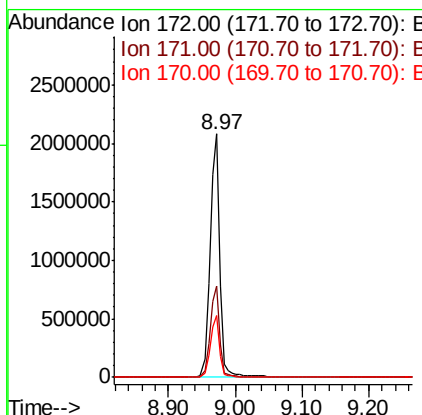
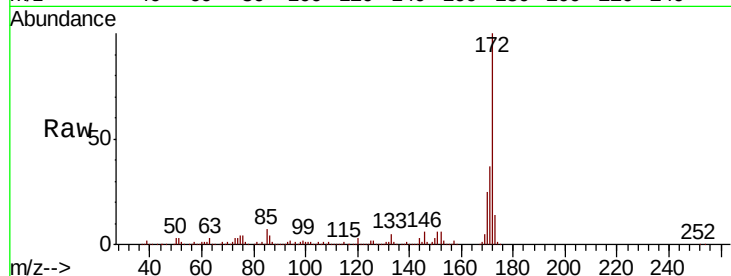




#45
2-Fluorobiphenyl
Concen: 90.100 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

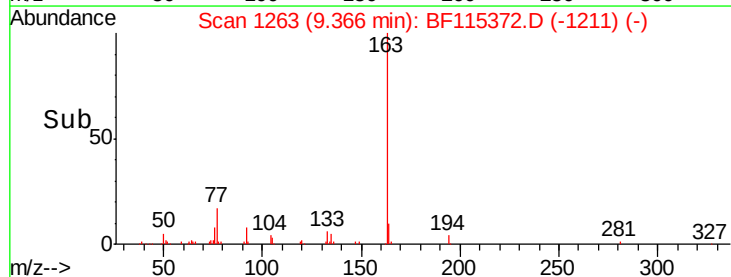
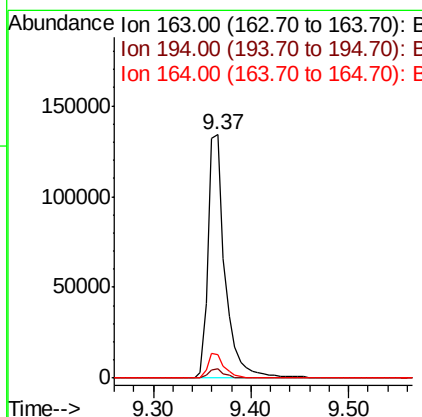
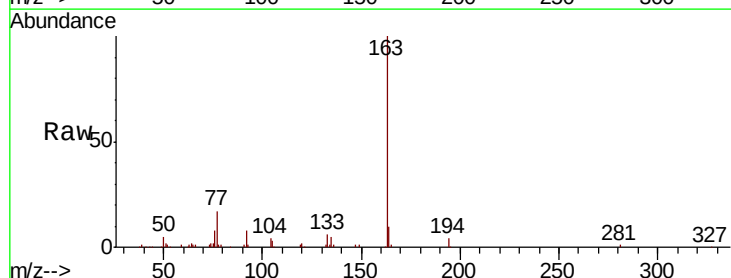
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ClientSampleId :
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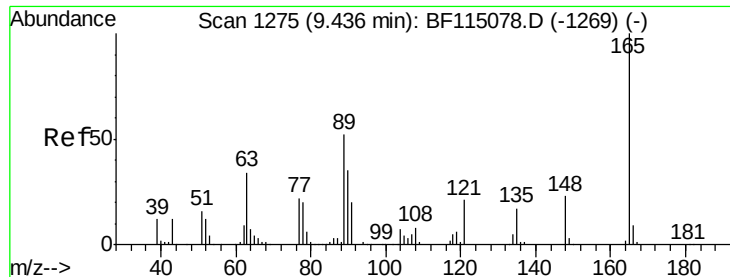
Tgt Ion:172 Resp: 2104665
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.3 30.5



#50
Dimethylphthalate
Concen: 5.587 ng
RT: 9.37 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:163 Resp: 163100
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 7.462 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.22 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIP-BLANK

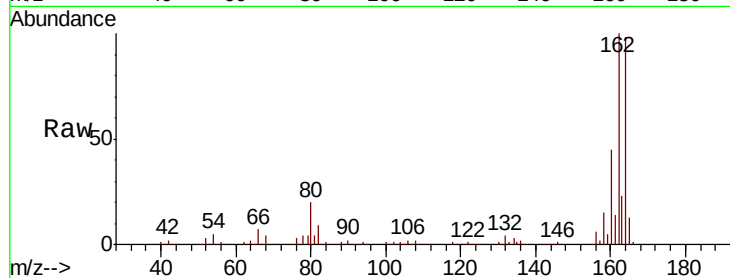
Tgt Ion:165 Resp: 50289

Ion Ratio Lower Upper

165 100

63 0.8 39.4 59.2#

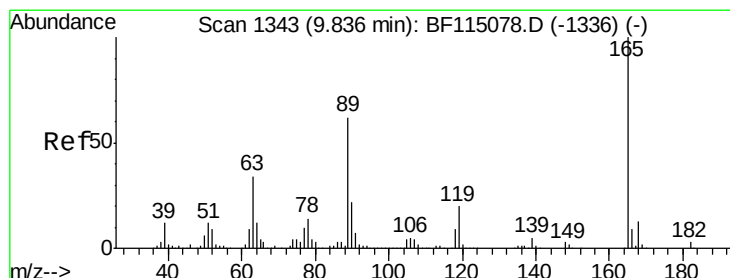
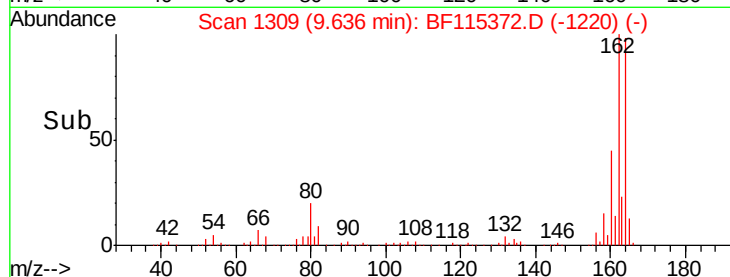
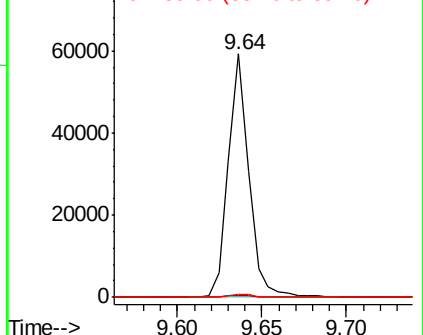
89 1.4 42.0 63.0#



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: 5.779 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.18 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

Tgt Ion:165 Resp: 50289

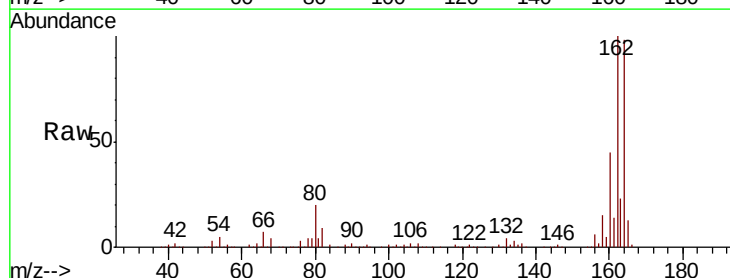
Ion Ratio Lower Upper

165 100

63 0.8 27.5 41.3#

89 1.4 49.9 74.9#

182 0.0 2.1 3.1#

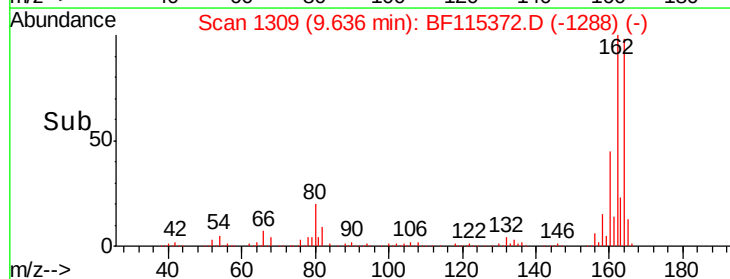
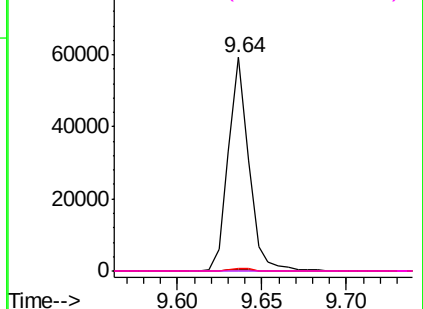


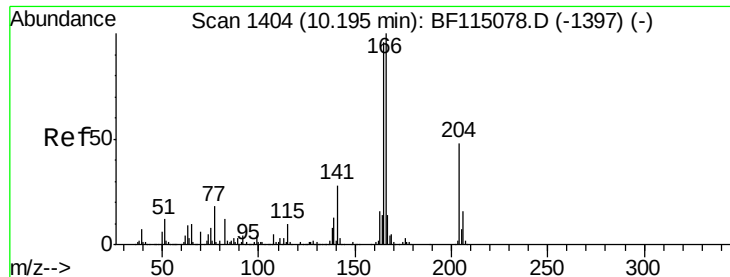
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 1442

Delta R.T. 0.25 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIP-BLANK

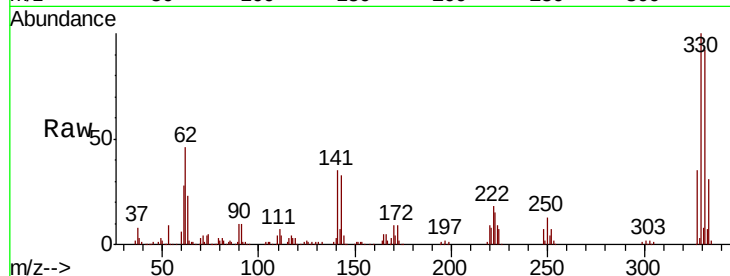
Tgt Ion:166 Resp: 13224

Ion Ratio Lower Upper

166 100

165 99.3 76.5 114.7

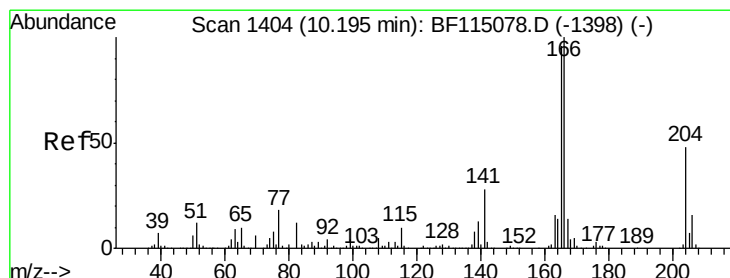
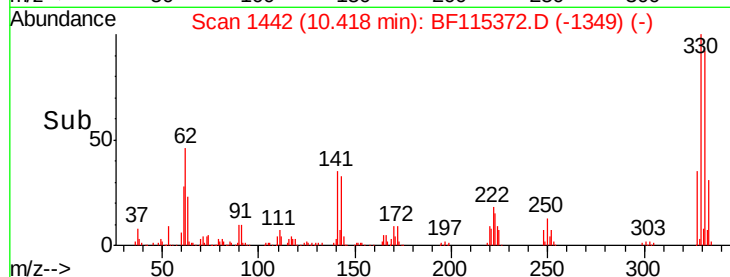
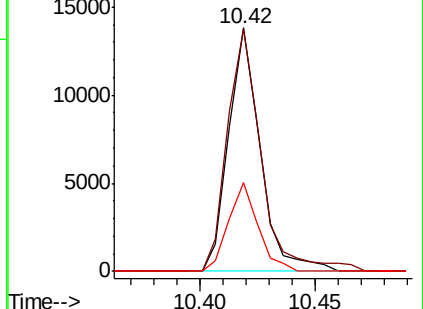
167 36.6 11.0 16.4#



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: 10.18 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

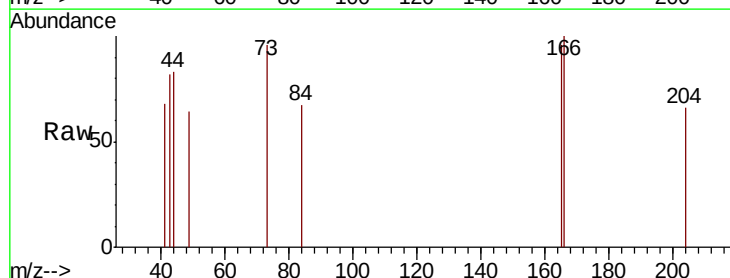
Tgt Ion:204 Resp: 114

Ion Ratio Lower Upper

204 100

206 0.0 26.6 40.0#

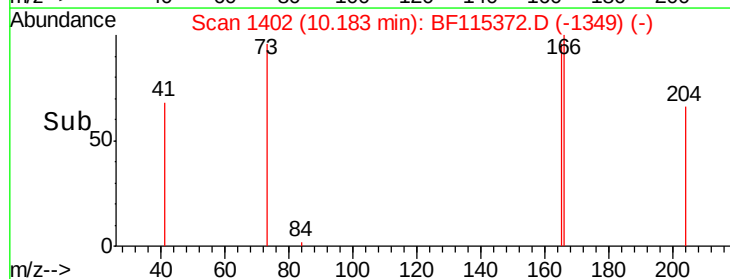
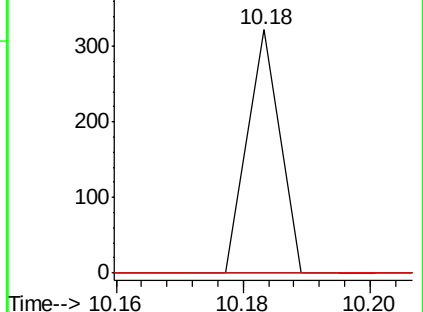
141 0.0 46.7 70.1#

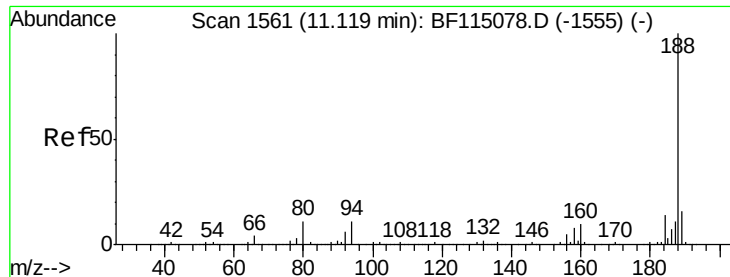


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

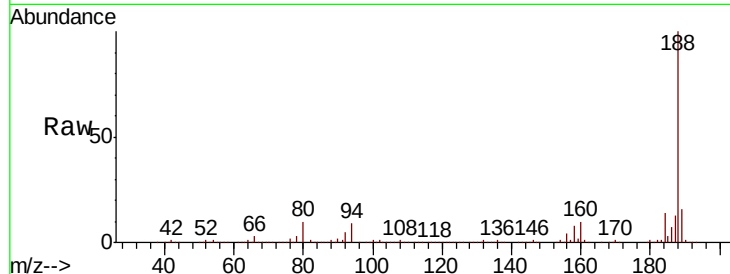




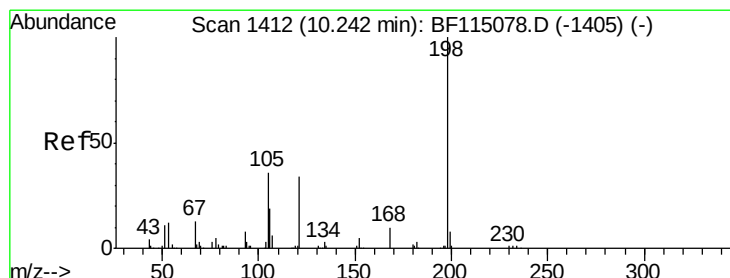
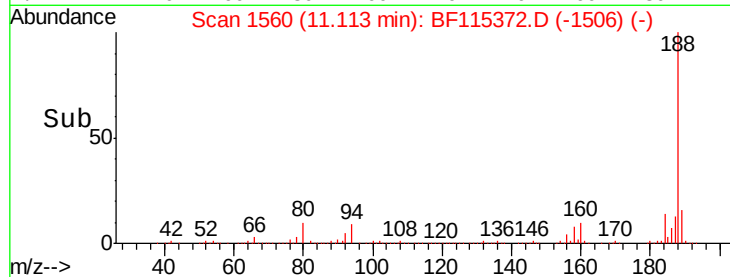
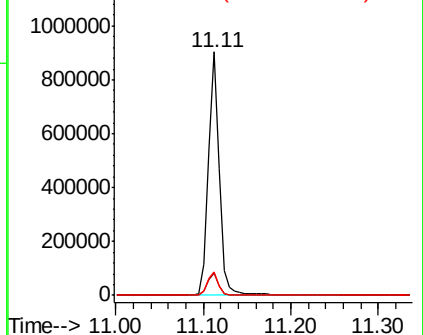
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1560
 Delta R.T. 0.02 min
 Lab File: BF115372.D
 Acq: 2 Jul 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Tgt Ion:188 Resp: 791902
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.6 12.8
 80 9.7 8.8 13.2

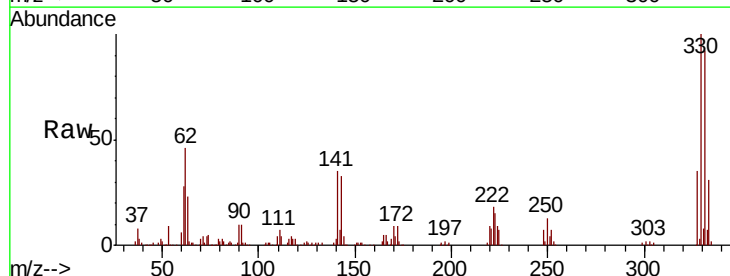


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

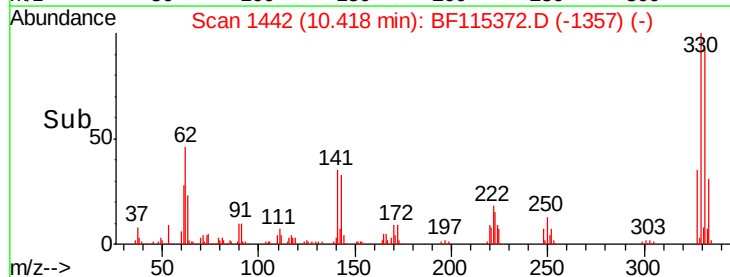
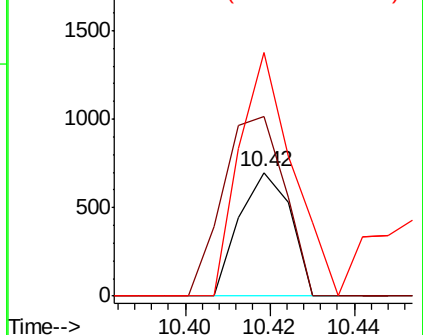


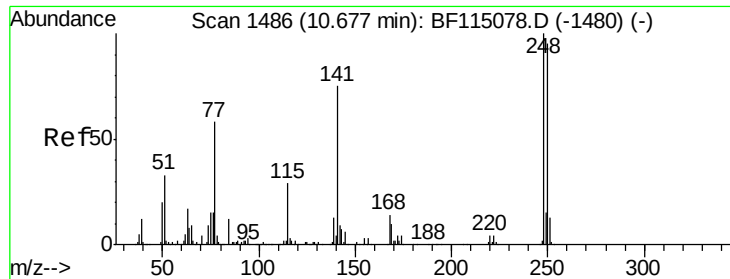
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.086 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.20 min
 Lab File: BF115372.D
 Acq: 2 Jul 2019 20:54

Tgt Ion:198 Resp: 591
 Ion Ratio Lower Upper
 198 100
 51 145.4 11.0 51.0#
 105 197.0 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

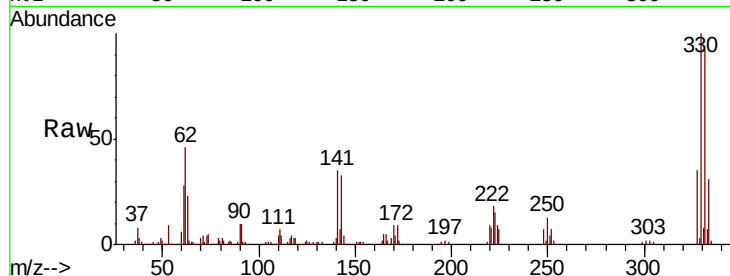




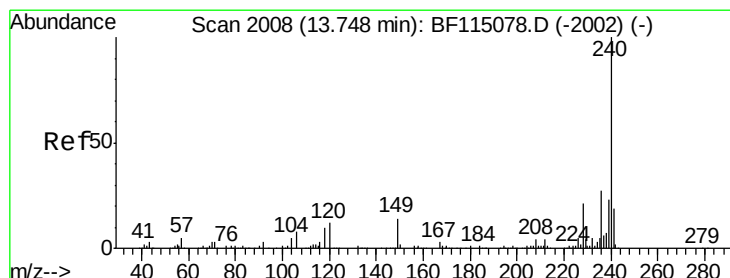
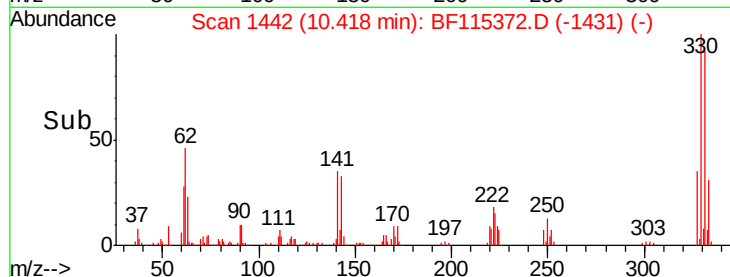
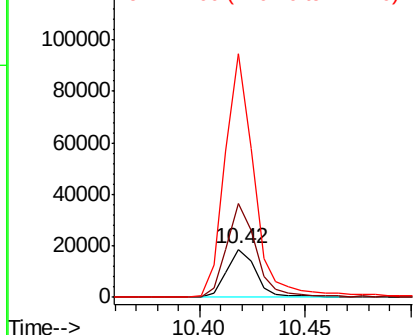
#67
4-Bromophenyl-phenylether
Concen: 2.100 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:248 Resp: 18027
Ion Ratio Lower Upper
248 100
250 195.0 76.2 114.2#
141 505.4 59.6 89.4#

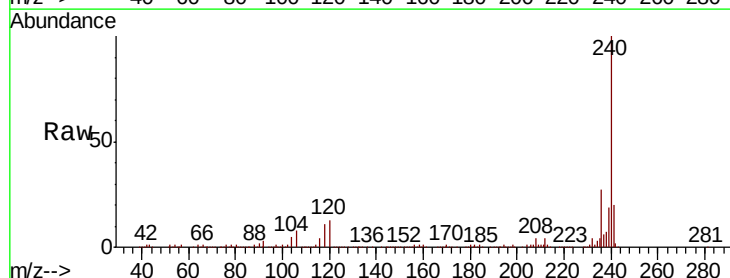


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

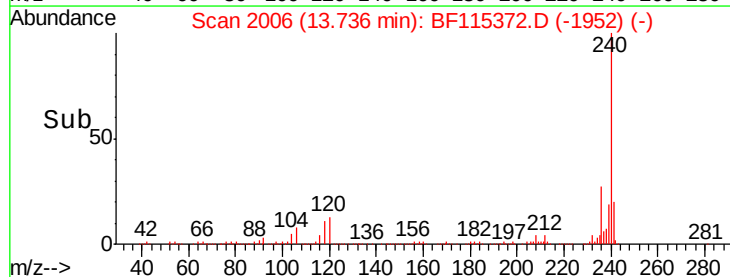
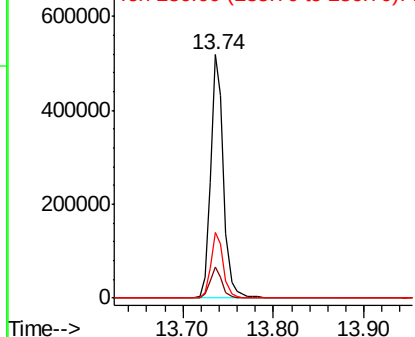


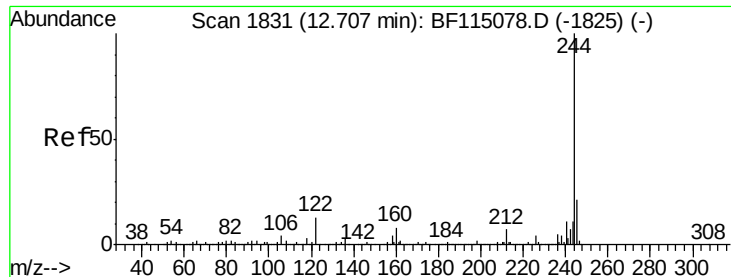
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:240 Resp: 514535
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.8 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





#79

Terphenyl-d14

Concen: 94.531 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIP-BLANK

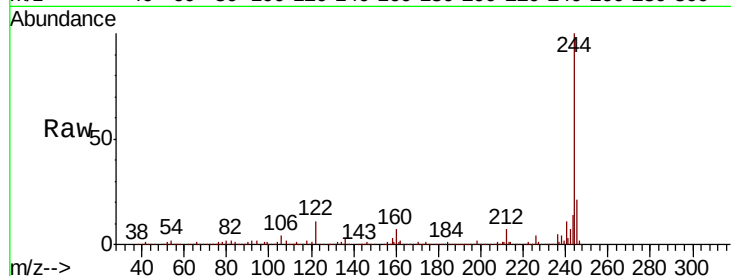
Tgt Ion:244 Resp: 2287674

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

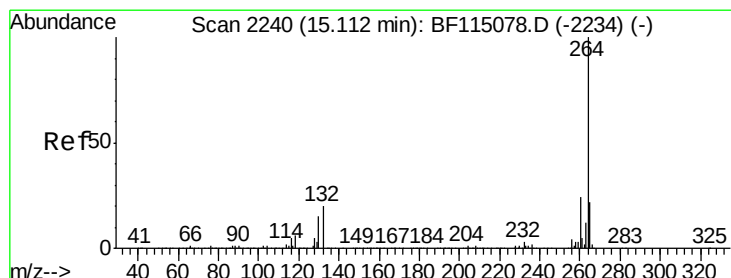
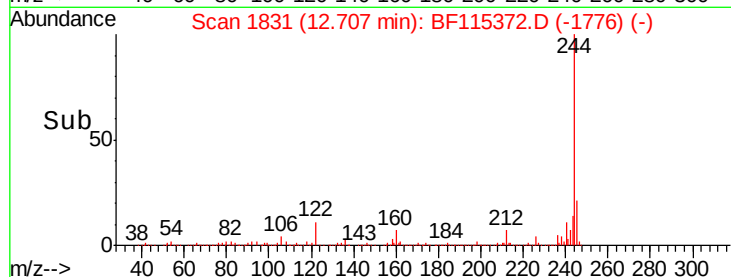
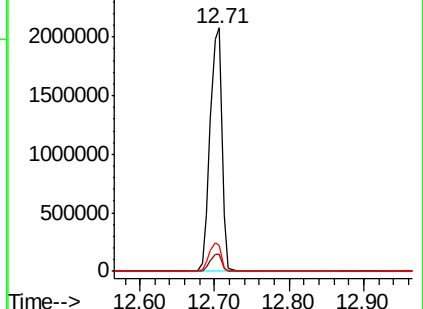
122 10.9 10.4 15.6



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: 15.11 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF115372.D

Acq: 2 Jul 2019 20:54

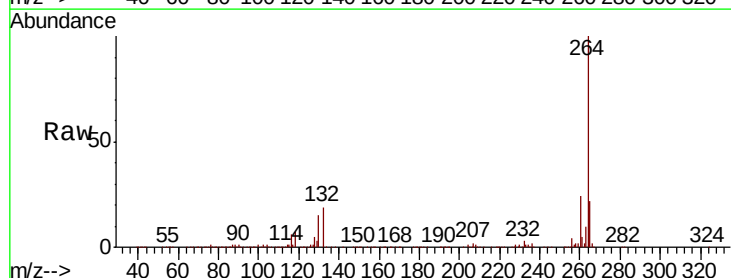
Tgt Ion:264 Resp: 516235

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.8 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

