

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
 Data File : BF118945.D
 Acq On : 14 Feb 2020 21:35
 Operator : CG/JU
 Sample : L1518-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 03:39:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

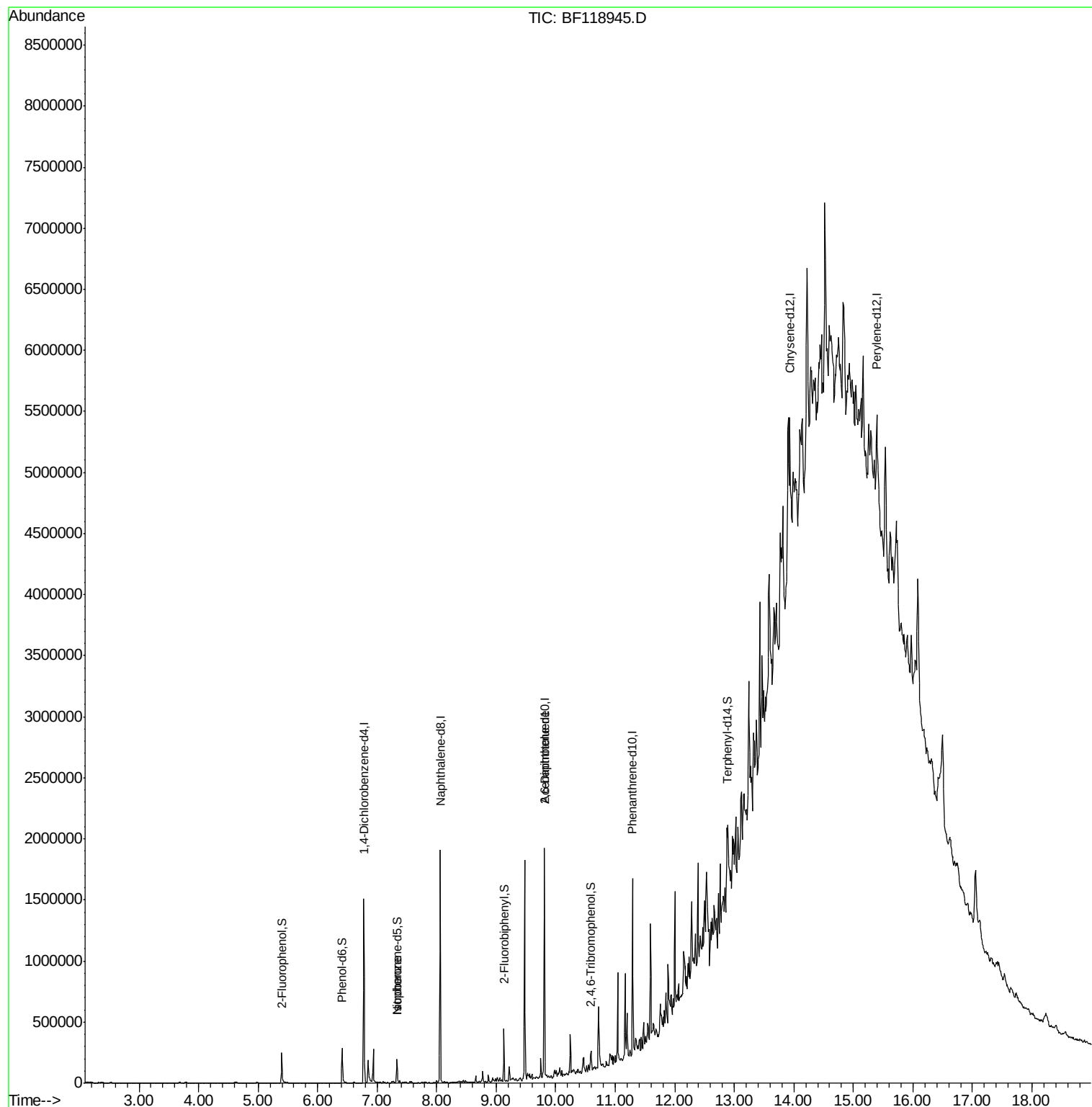
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	218945	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	775846	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	360205	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	518869	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	310622	20.00	ng	-0.05
87) Perylene-d12	15.39	264	368661	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	84125	7.27	ng	-0.04
7) Phenol-d6	6.41	99	106773	7.44	ng	-0.04
23) Nitrobenzene-d5	7.33	82	63059	4.84	ng	-0.05
42) 2,4,6-Tribromophenol	10.59	330	19910	4.62	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	130266	6.47	ng	-0.05
79) Terphenyl-d14	12.87	244	84269	5.57	ng	-0.05
Target Compounds						
25) Isophorone	7.33	82	63058	2.696	ng	# 63
51) 2,6-Dinitrotoluene	9.81	165	48208	8.590	ng	# 31

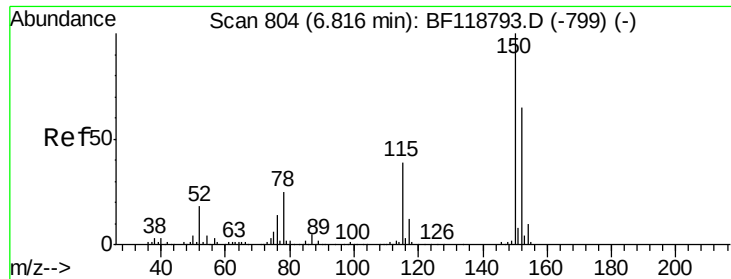
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 15 03:39:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration



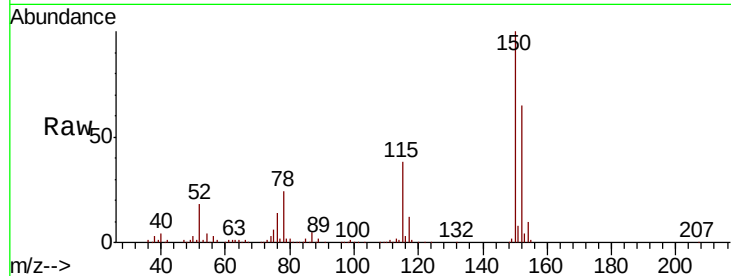


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.6	185.4
115	57.9	48.2	72.2

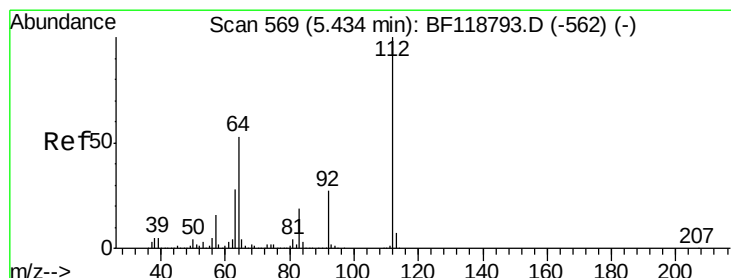
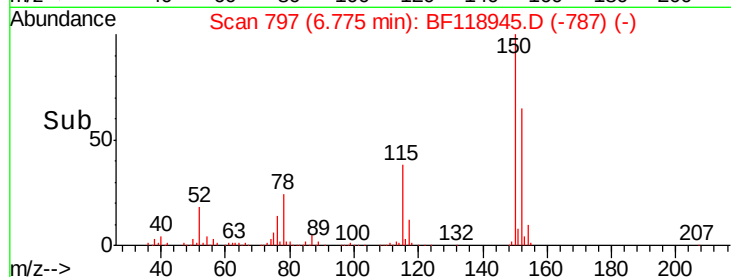
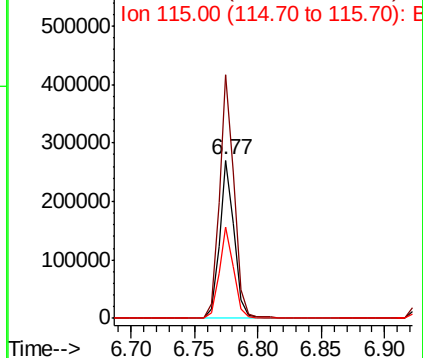


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

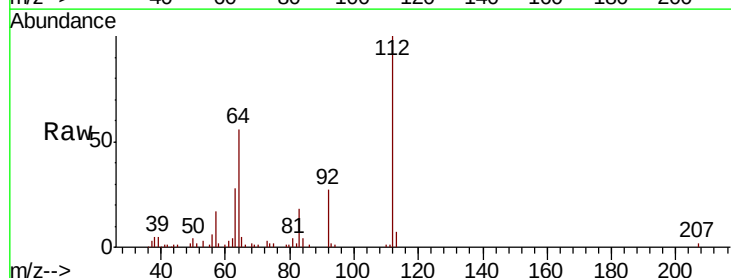
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.273 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.04 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.6	63.8
63	28.3	22.2	33.4

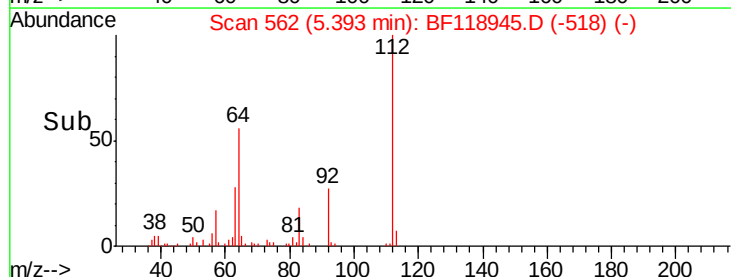
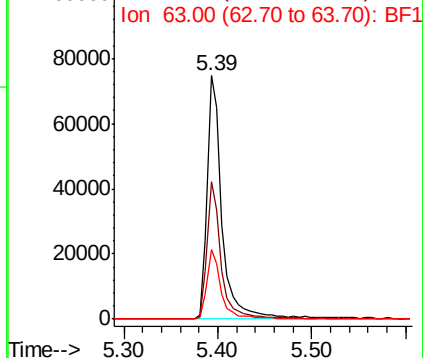


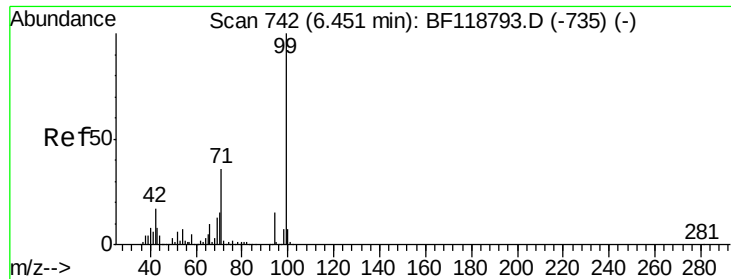
Abundance

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: 7.436 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Instrument :

BNA_F

ClientSampled :

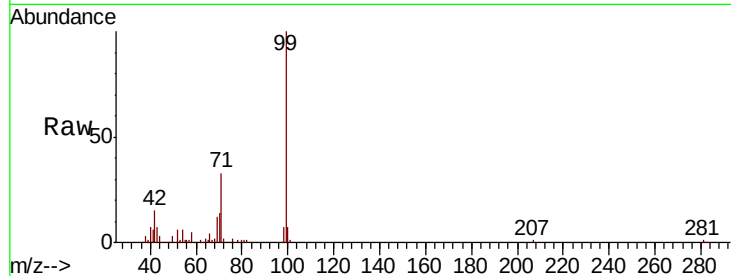
Tot Ion: 99 Resp: 106773

Ion Ratio Lower Upper

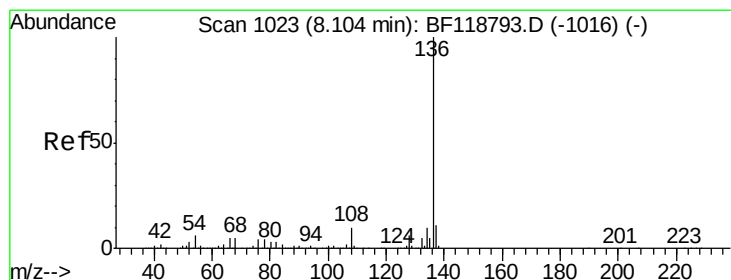
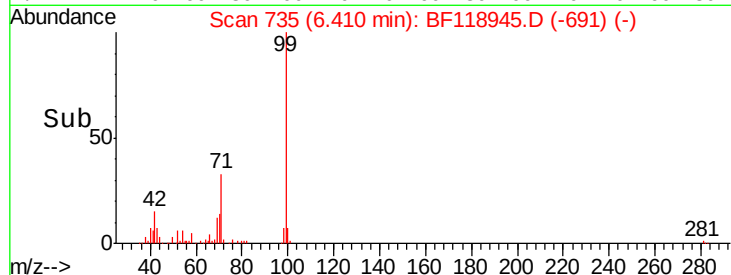
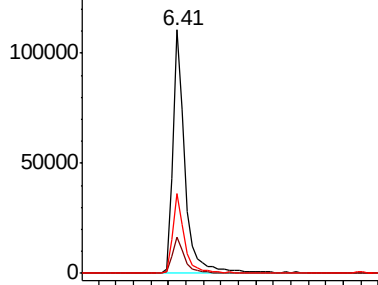
99 100

42 15.0 13.4 20.0

71 32.8 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
150000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Tgt Ion: 136 Resp: 775846

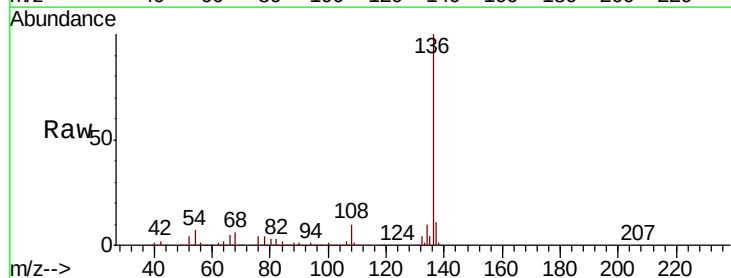
Ion Ratio Lower Upper

136 100

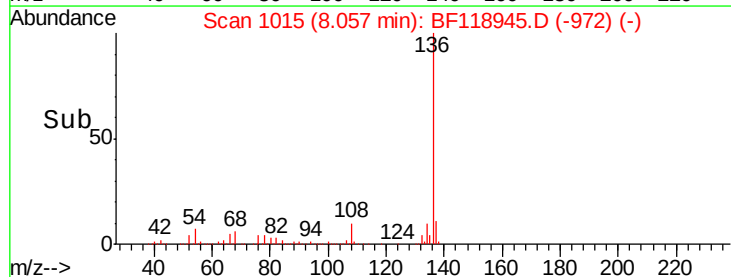
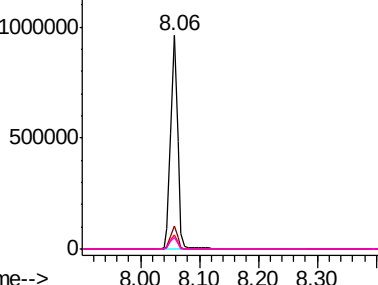
137 11.0 8.7 13.1

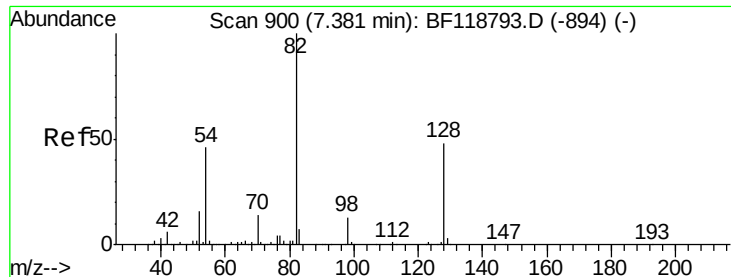
54 6.7 5.0 7.6

68 5.6 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
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

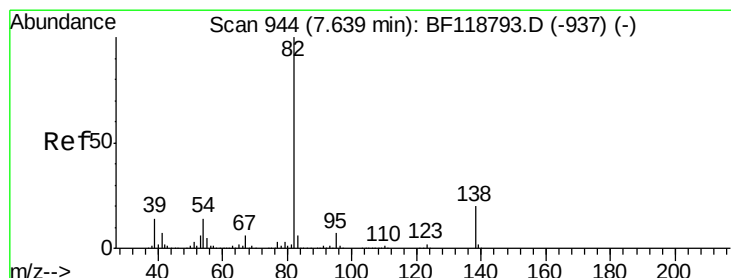
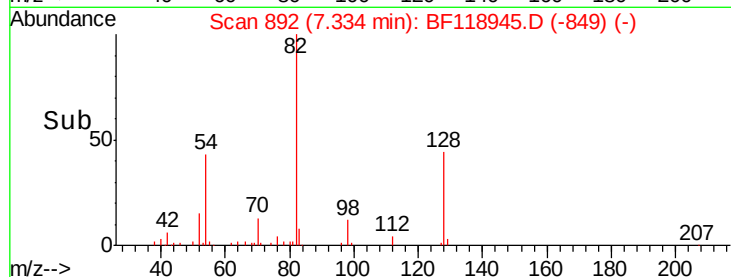
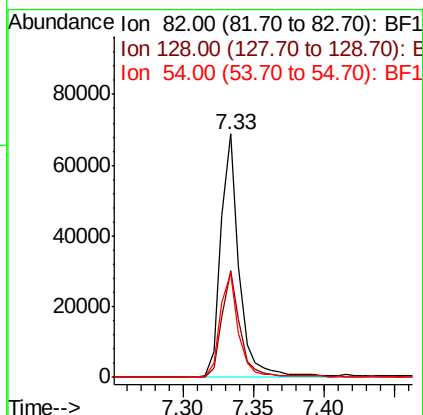
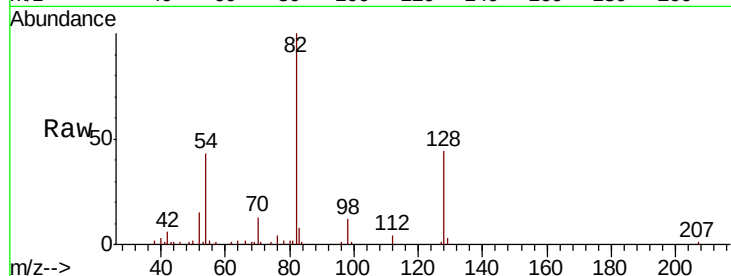




#23
 Nitrobenzene-d5
 Concen: 4.845 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

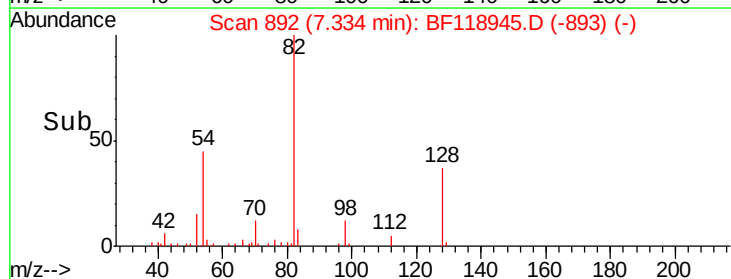
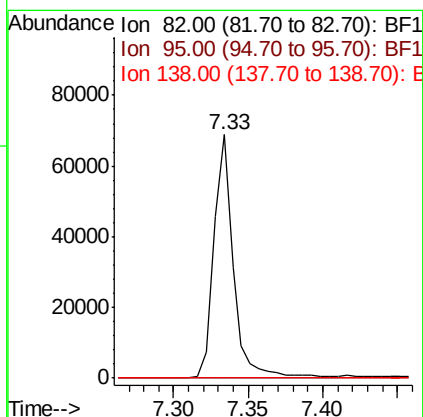
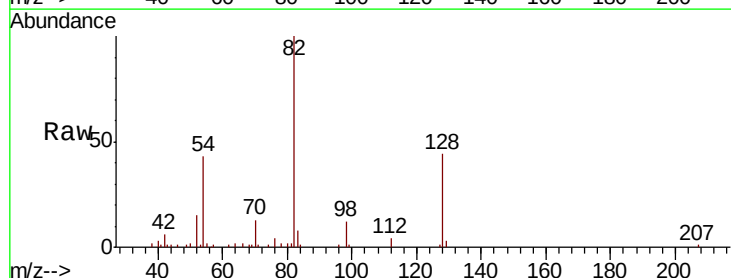
Instrument :
 BNA_F
 ClientSampleId :

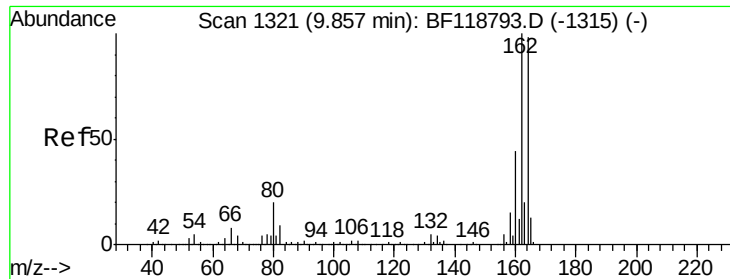
Tot Ion	82	Resp	63059
Ion Ratio	Lower	Upper	
82	100		
128	43.8	38.5	57.7
54	42.6	36.7	55.1



#25
 Isophorone
 Concen: 2.696 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.31 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Tgt Ion	82	Resp	63058
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

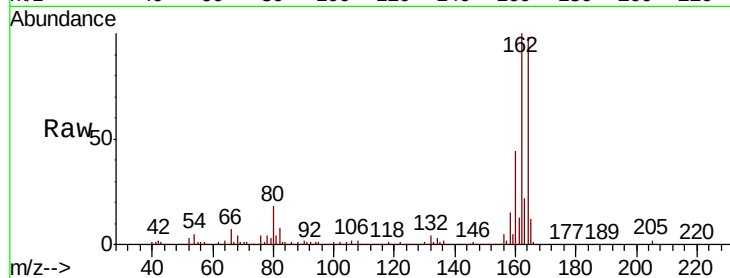




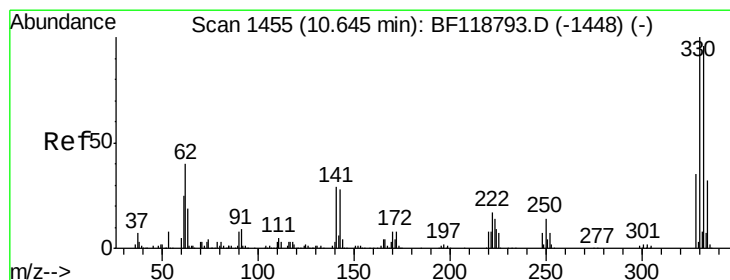
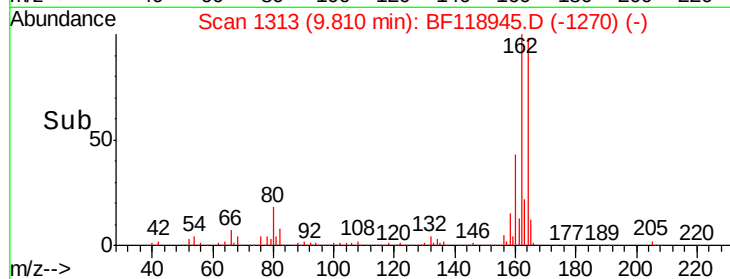
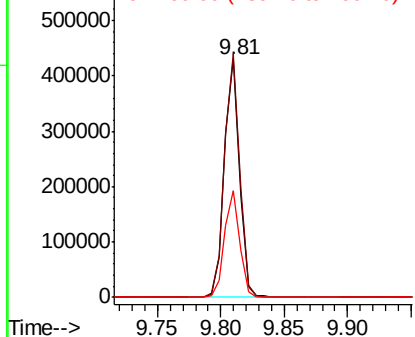
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	44.5	35.6	53.4

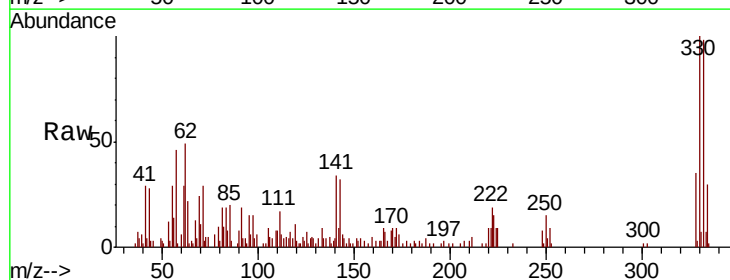


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

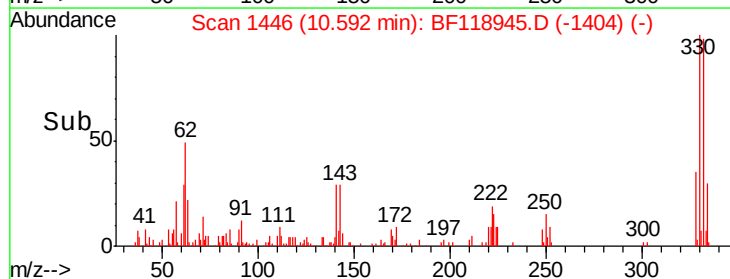
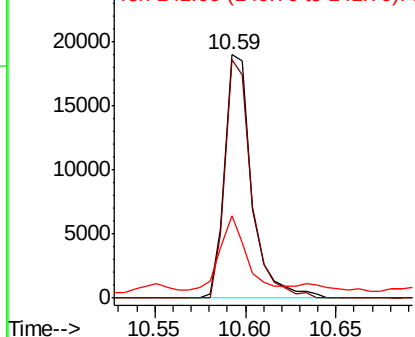


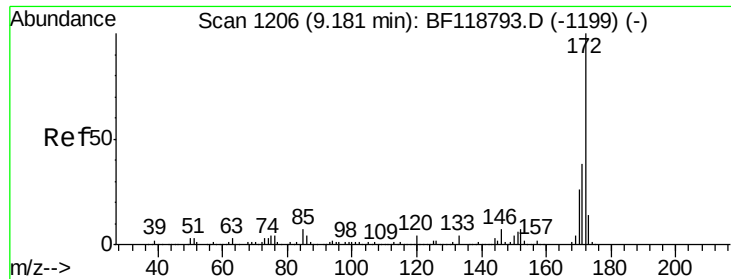
#42
 2,4,6-Tribromophenol
 Concen: 4.620 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	28.7	22.4	33.6



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

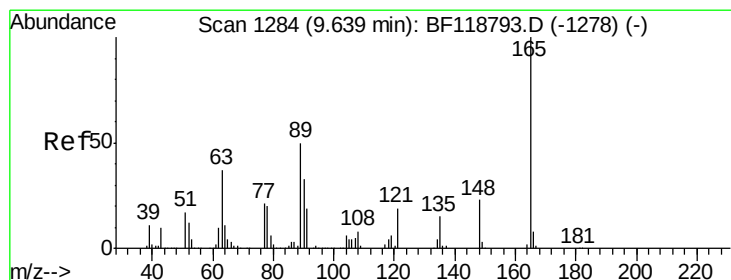
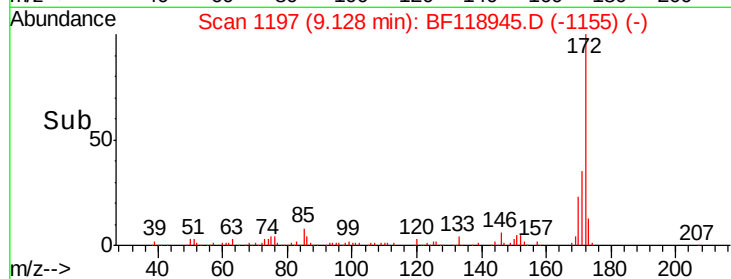
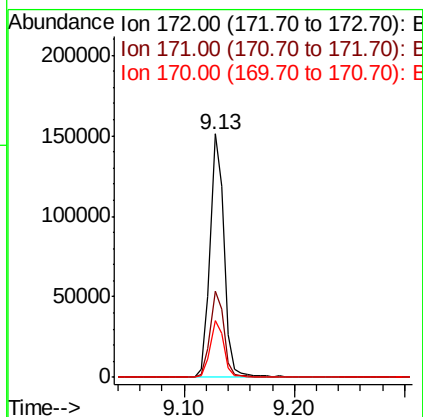
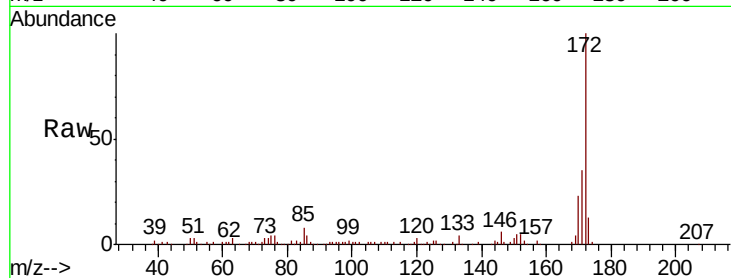




#45
 2-Fluorobiphenyl
 Concen: 6.465 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

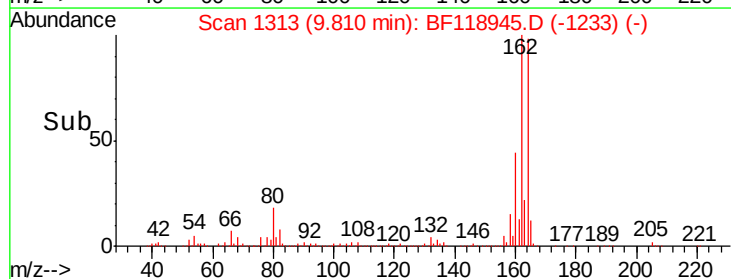
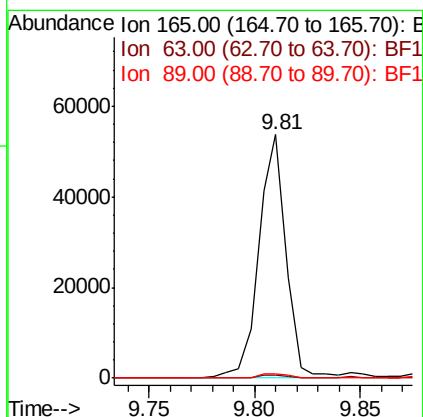
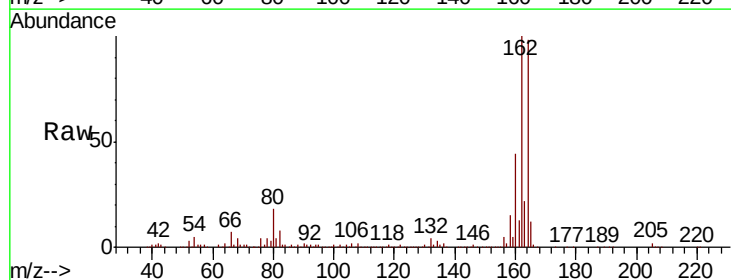
Instrument :
 BNA_F
 ClientSampleId :

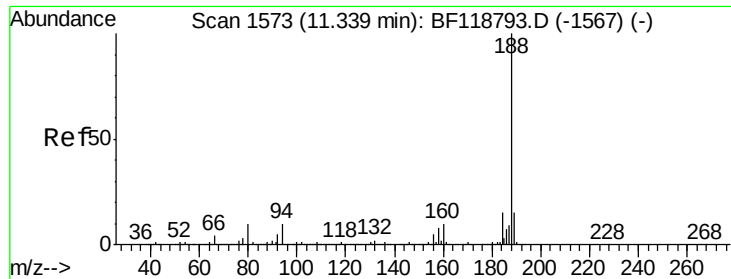
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.8	46.2
170	23.0	20.5	30.7



#51
 2,6-Dinitrotoluene
 Concen: 8.590 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.17 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.4	56.0#
89	1.6	39.7	59.5#

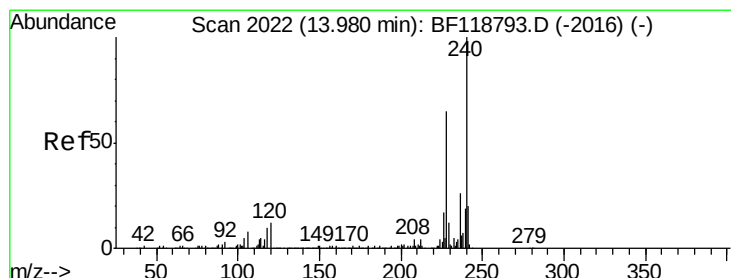
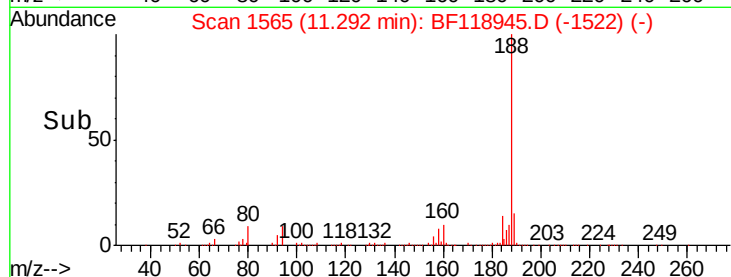
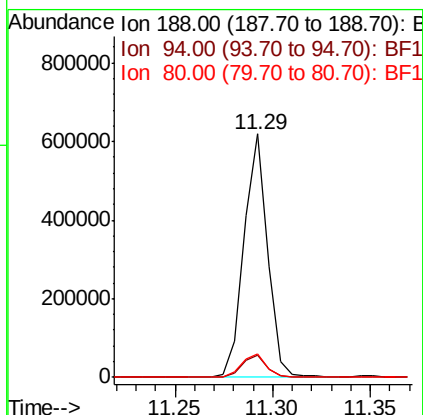
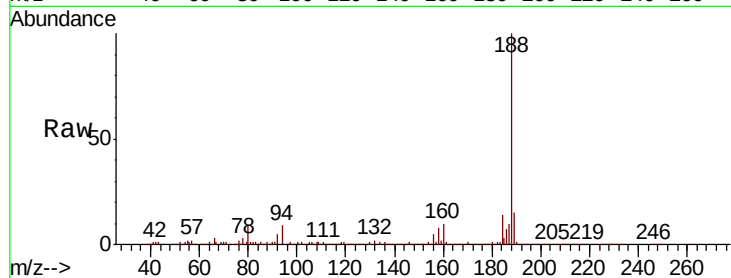




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.05 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

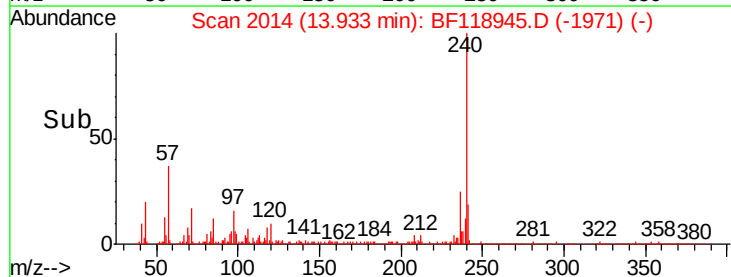
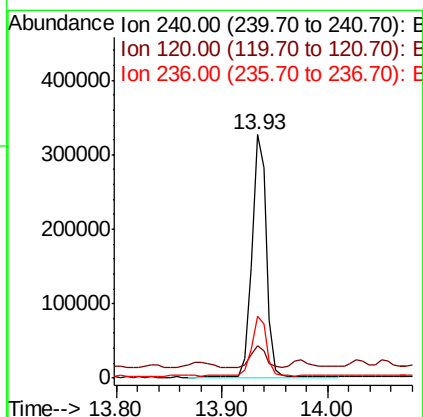
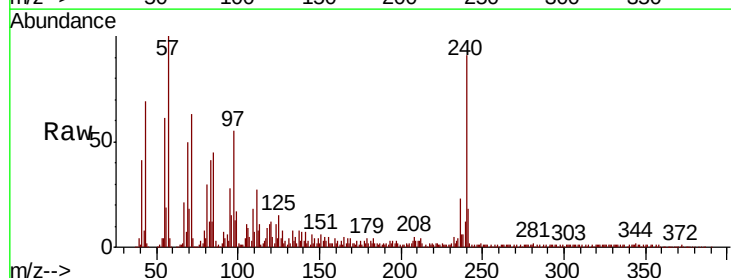
Instrument :
BNA_F
ClientSampleId :

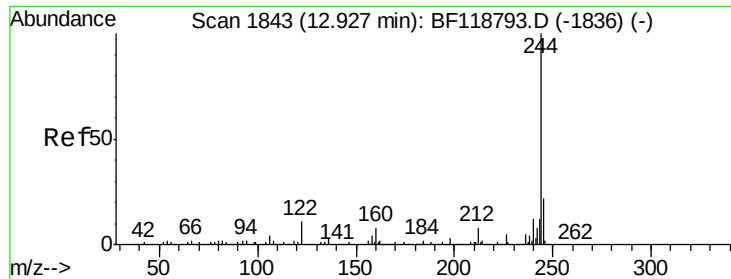
Tot Ion:188 Resp: 518869
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.4 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

Tgt Ion:240 Resp: 310622
Ion Ratio Lower Upper
240 100
120 13.1 9.4 14.0
236 25.5 21.0 31.6

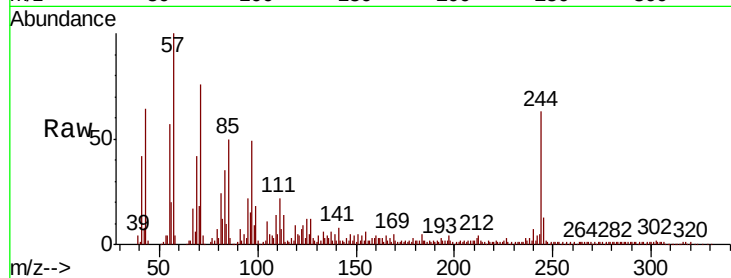




#79
 Terphenyl-d14
 Concen: 5.572 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	11.6	8.9	13.3

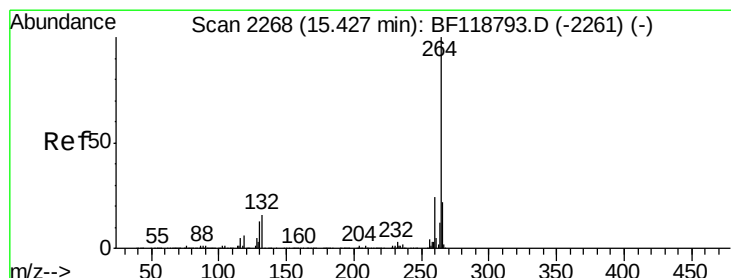
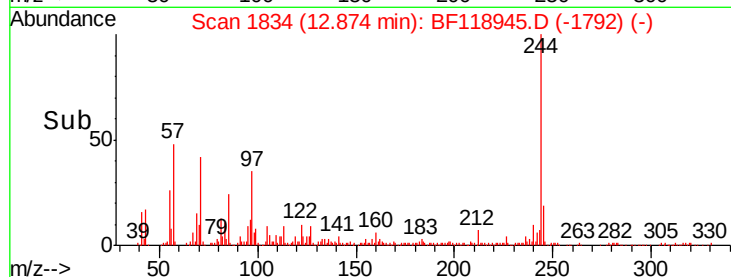
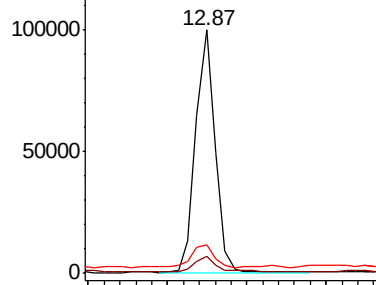


Abundance

Ion 244.00 (243.70 to 244.70): E

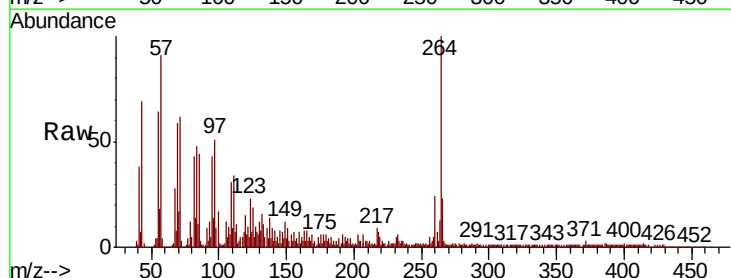
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.04 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.9	17.2	25.8



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

