

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116130.D
 Acq On : 9 Aug 2019 23:23
 Operator : HP/JU
 Sample : K4092-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:37:34 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

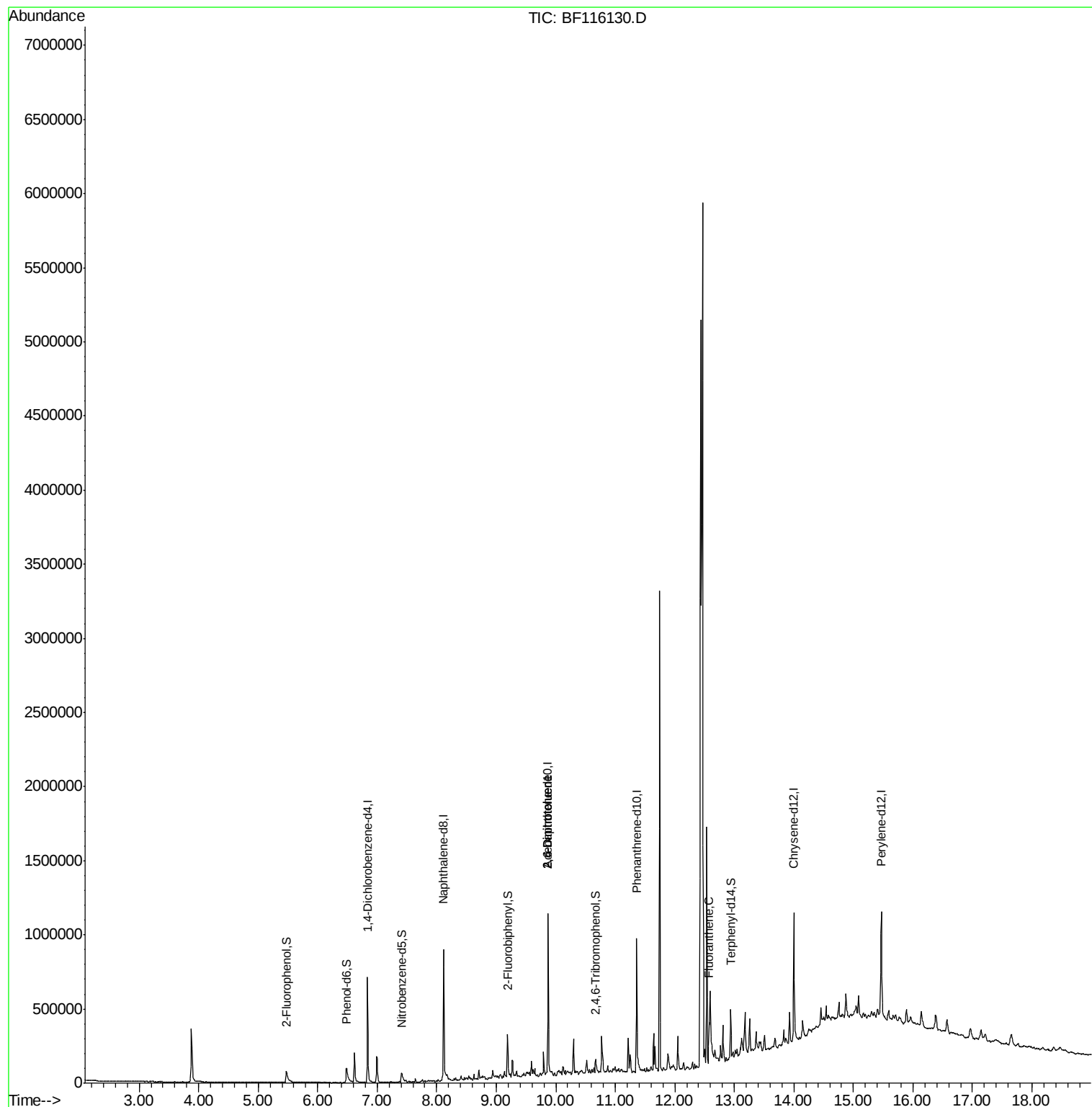
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120487	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	483750	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	233653	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	356833	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	299540	20.00	ng	0.00
87) Perylene-d12	15.47	264	310352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	58683	8.15	ng	0.00
7) Phenol-d6	6.49	99	86140	9.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	48191	5.75	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	16292	7.19	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	110484	8.86	ng	-0.01
79) Terphenyl-d14	12.94	244	95408	6.71	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	32397	9.371	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	32397	7.038	ng	# 21
75) Fluoranthene	12.57	202	42750	2.238	ng	96

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

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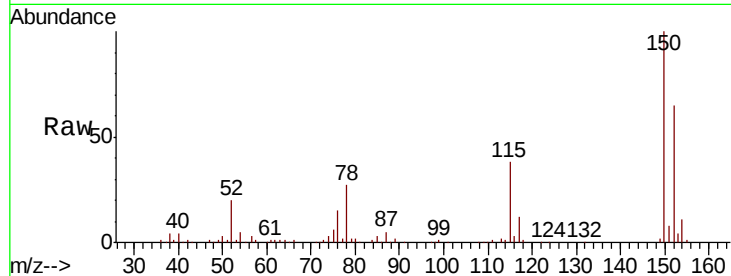


#1

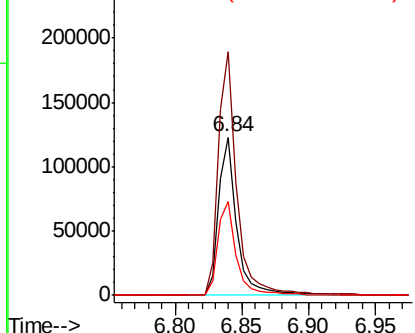
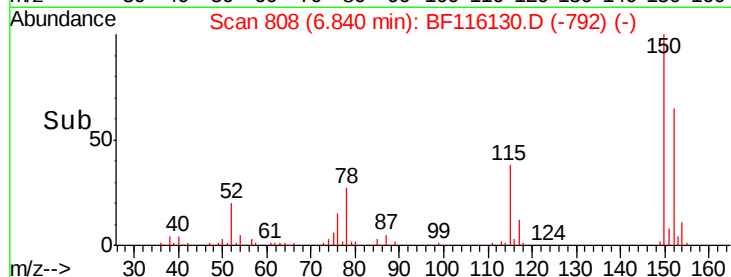
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120487
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 59.0 49.9 74.9



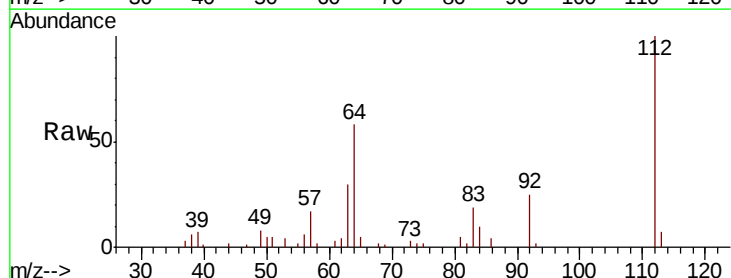
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



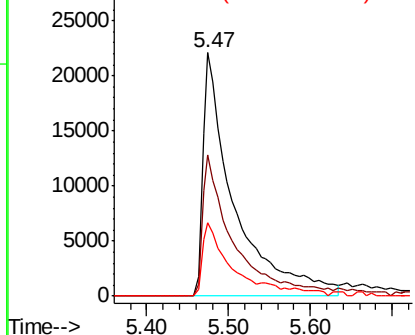
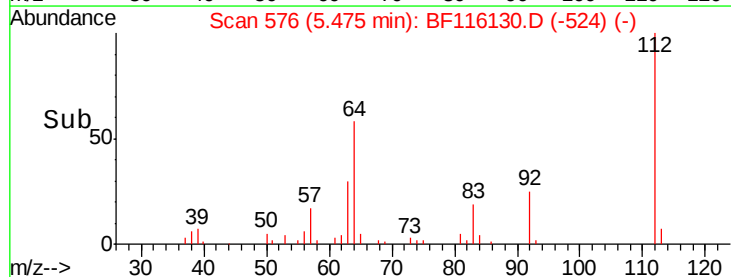
#5

2-Fluorophenol
Concen: 8.153 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Tgt Ion:112 Resp: 58683
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 30.2 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: 9.486 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_F

ClientSampleId :

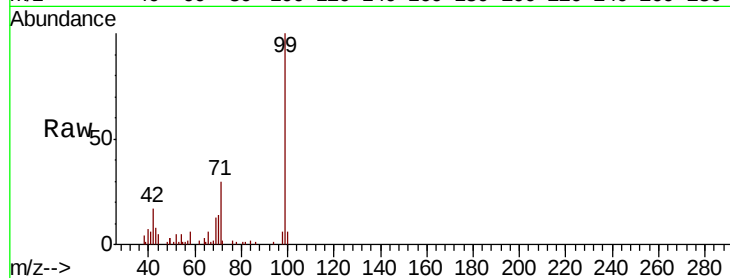
Tot Ion: 99 Resp: 86140

Ion Ratio Lower Upper

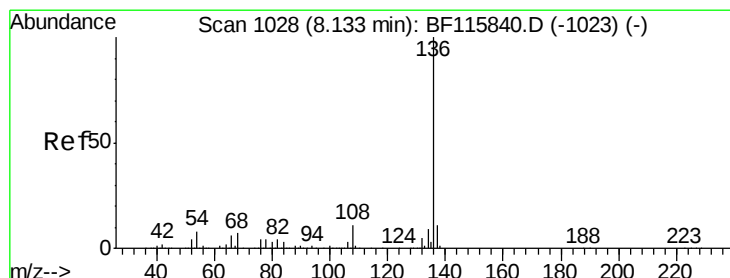
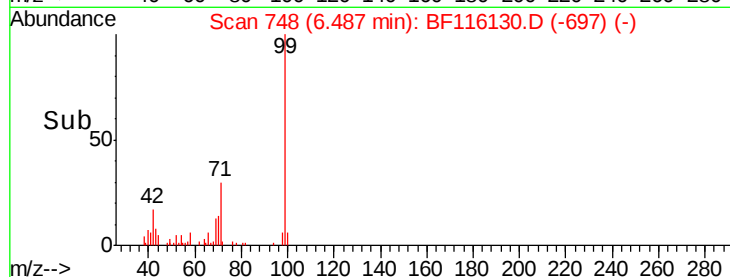
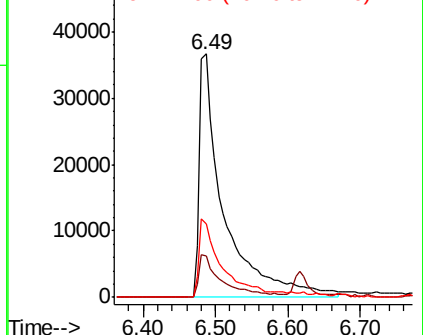
99 100

42 17.2 13.8 20.8

71 29.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Tgt Ion: 136 Resp: 483750

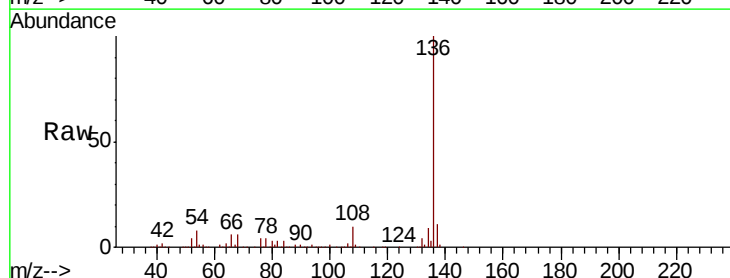
Ion Ratio Lower Upper

136 100

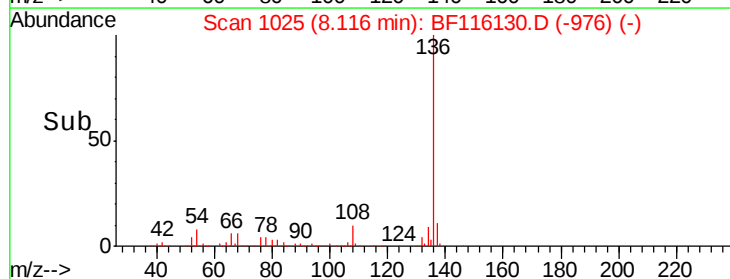
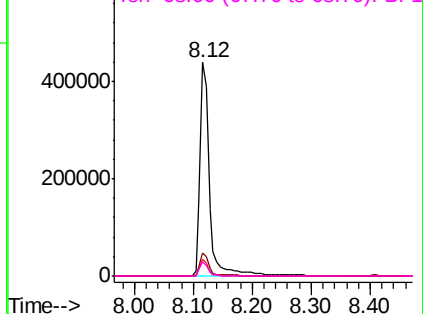
137 10.8 9.0 13.4

54 7.7 5.8 8.6

68 6.5 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

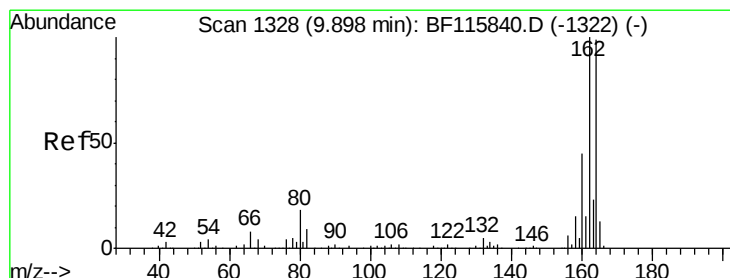
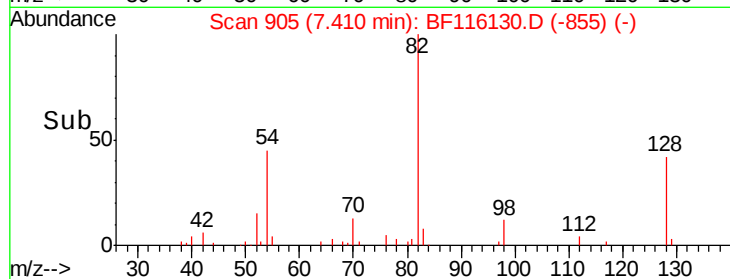
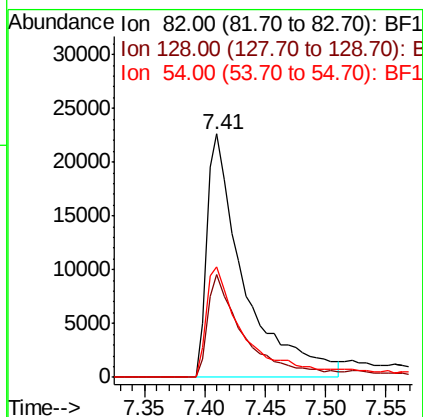
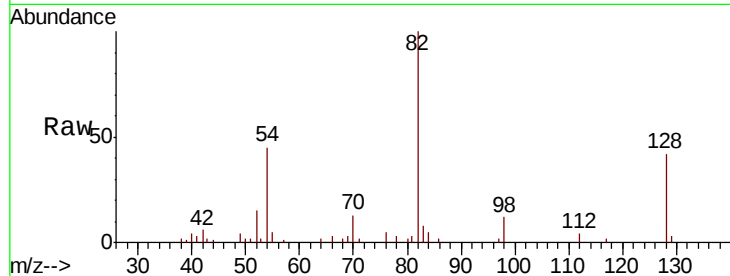




#23
Nitrobenzene-d5
Concen: 5.750 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

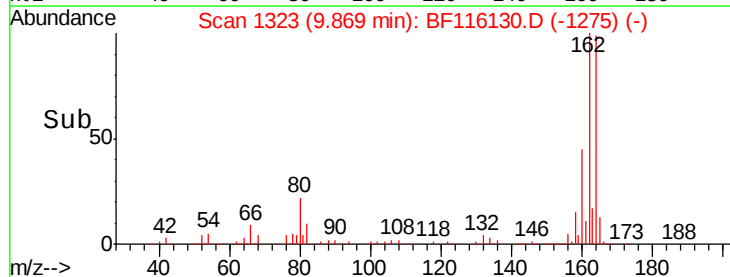
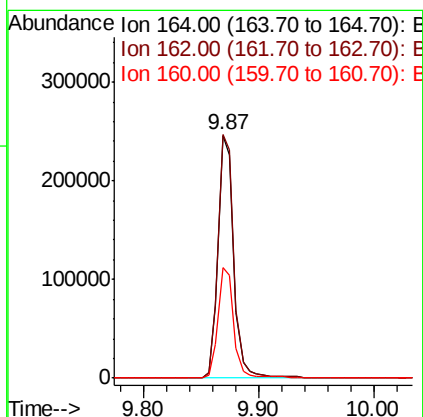
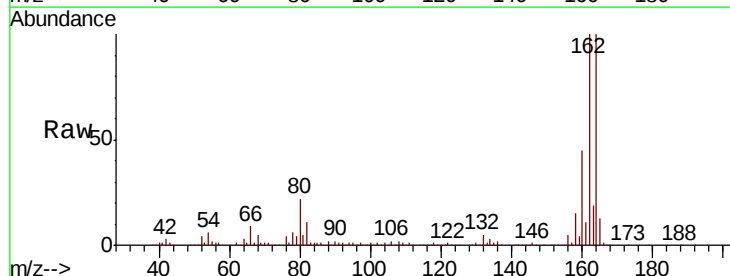
Instrument :
BNA_F
ClientSampleId :

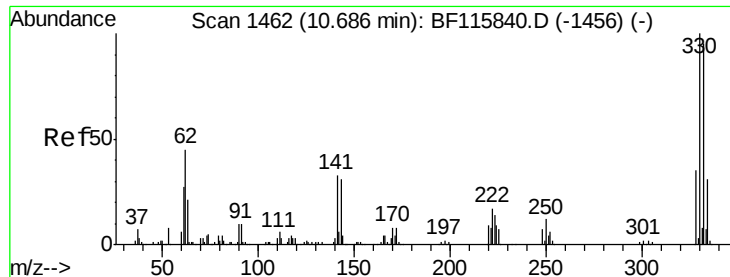
Tot Ion: 82 Resp: 48191
Ion Ratio Lower Upper
82 100
128 42.4 36.5 54.7
54 45.2 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Tgt Ion:164 Resp: 233653
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 45.4 37.6 56.4

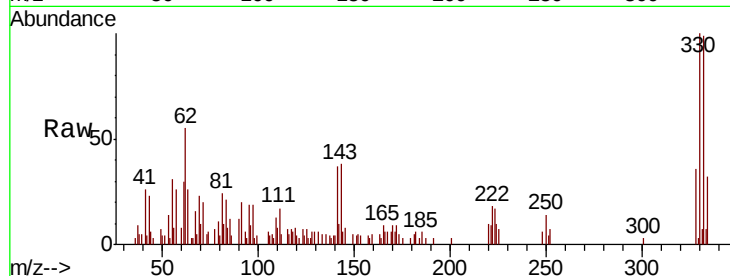




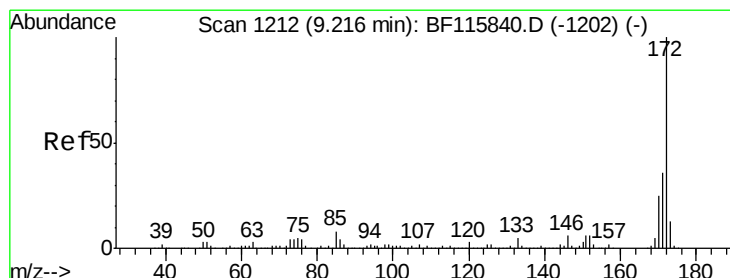
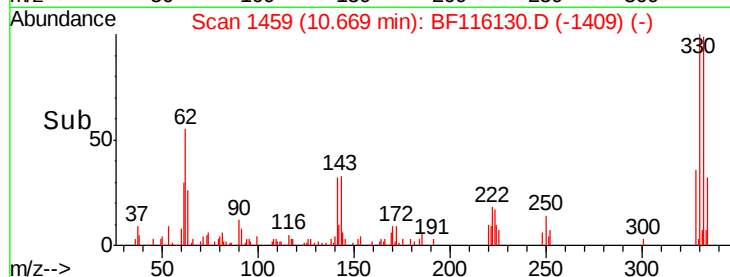
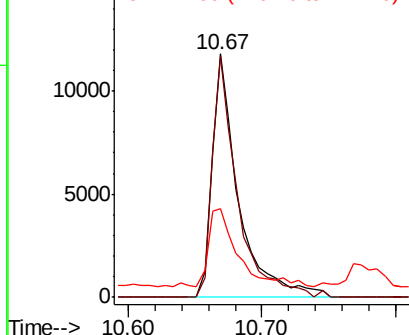
#42
 2,4,6-Tribromophenol
 Concen: 7.192 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 16292
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 37.6 26.3 39.5

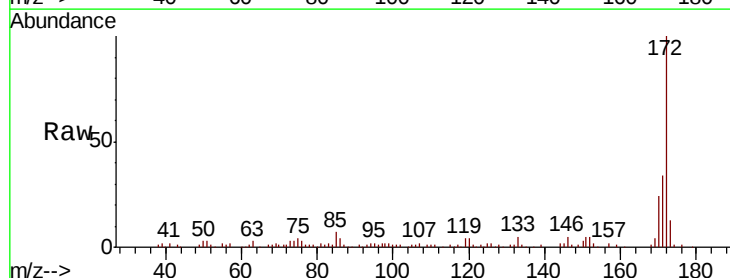


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

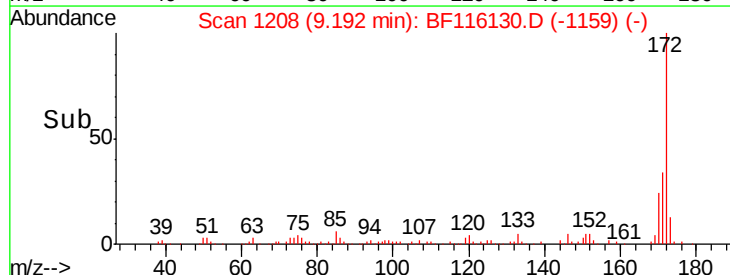
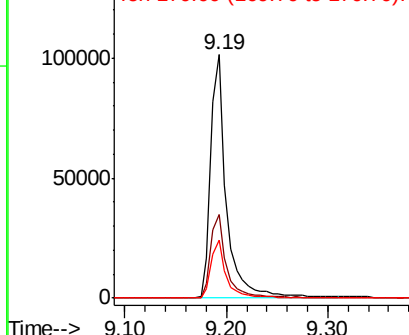


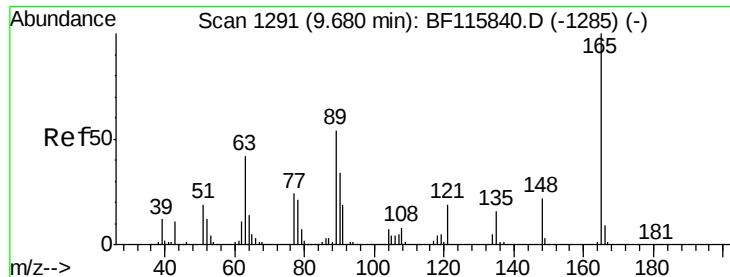
#45
 2-Fluorobiphenyl
 Concen: 8.857 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Tgt Ion:172 Resp: 110484
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.6 44.4
 170 23.7 20.1 30.1



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

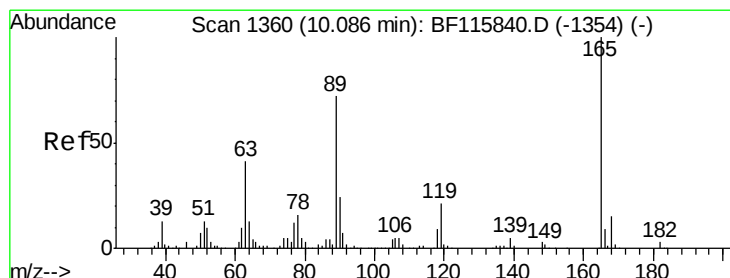
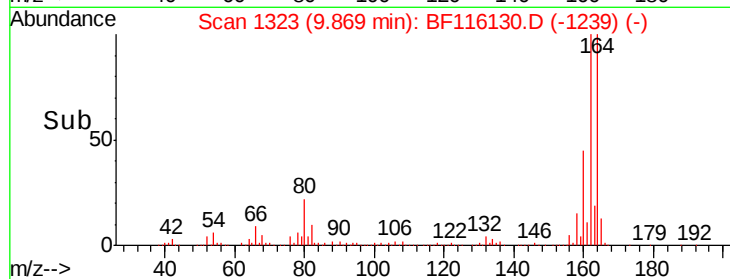
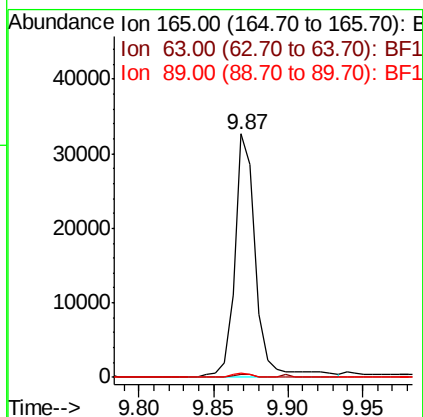
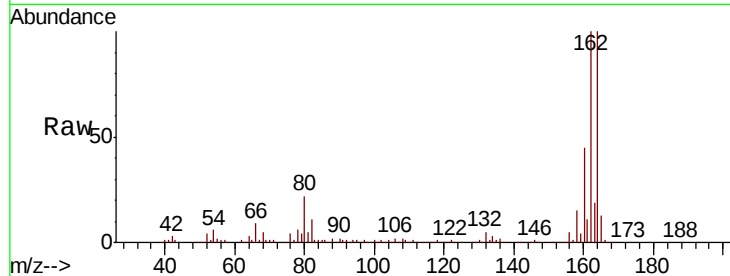




#51
 2,6-Dinitrotoluene
 Concen: 9.371 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

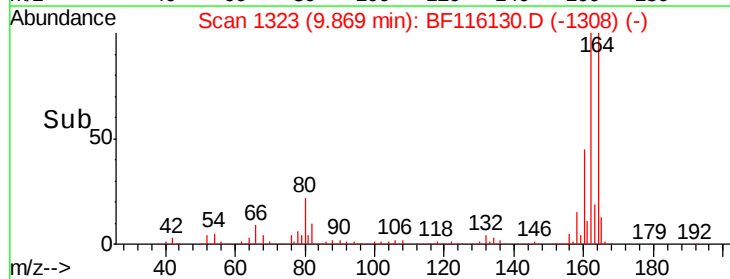
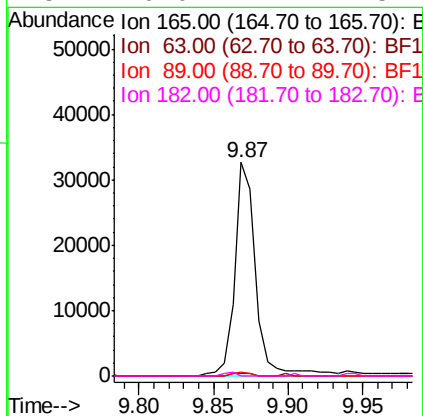
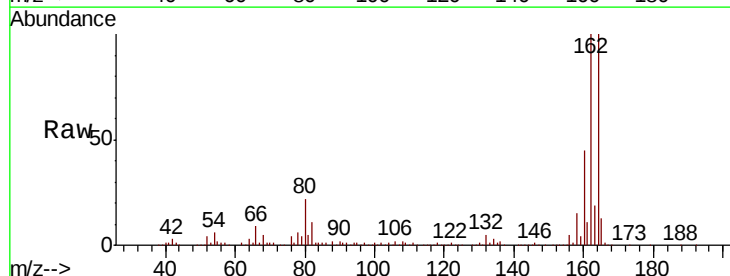
Instrument :
 BNA_F
 ClientSampleId :

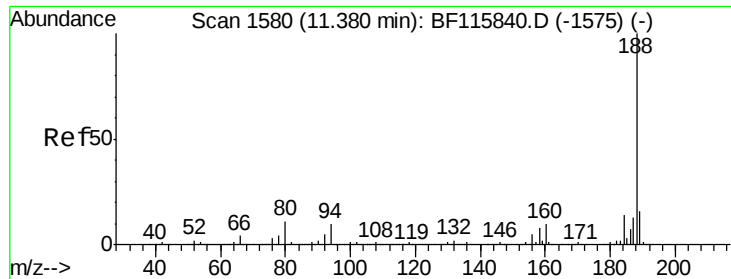
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.2	57.2#
89	1.8	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 7.038 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.6	59.4#
89	1.8	62.2	93.2#
182	0.0	2.1	3.1#

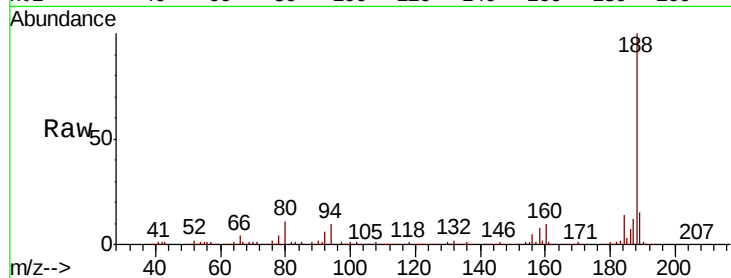




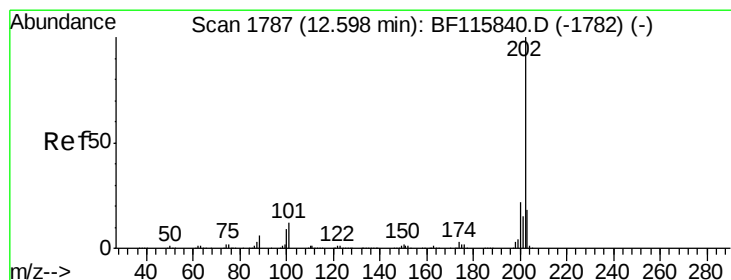
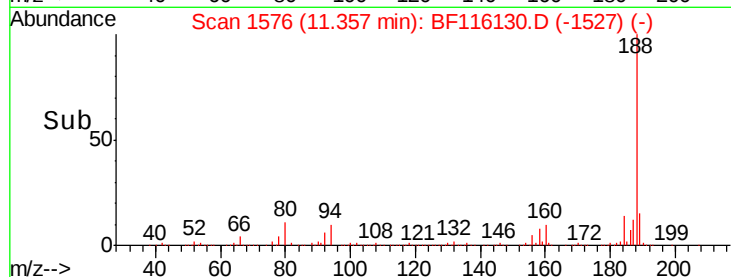
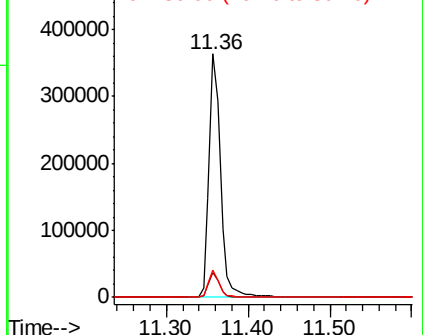
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 356833
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.0 8.7 13.1

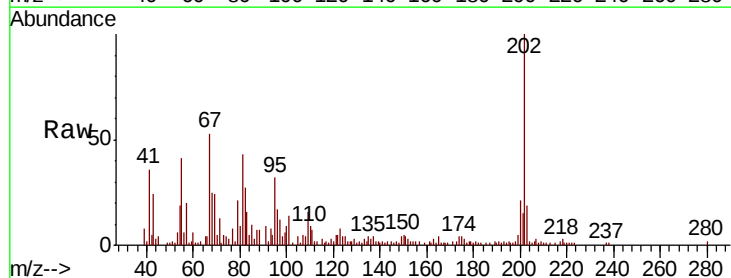


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

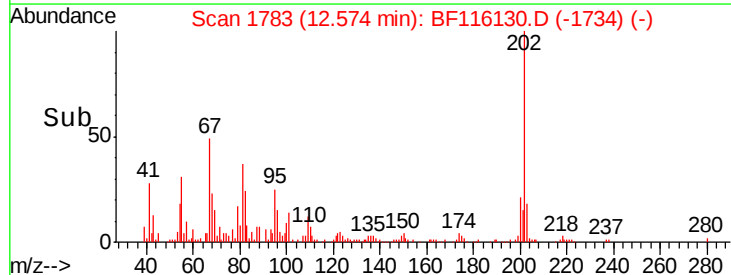
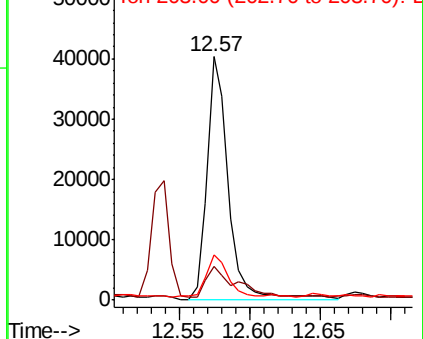


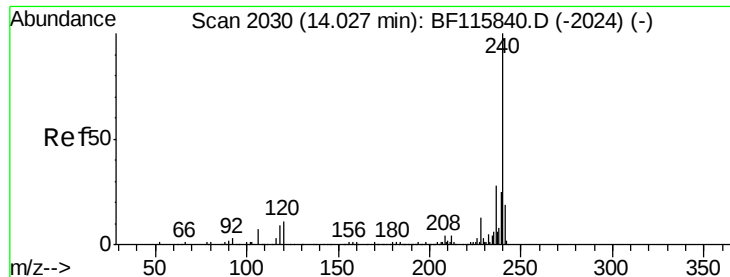
#75
Fluoranthene
Concen: 2.238 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Tgt Ion:202 Resp: 42750
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.2
203 18.8 0.0 37.8



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

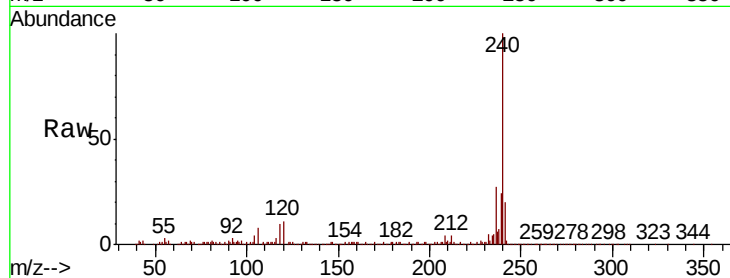




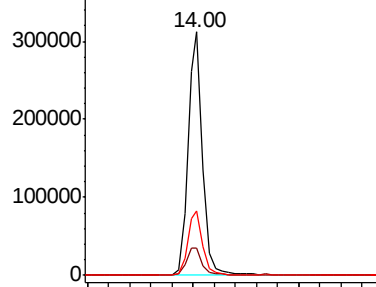
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_F
 ClientSampled :

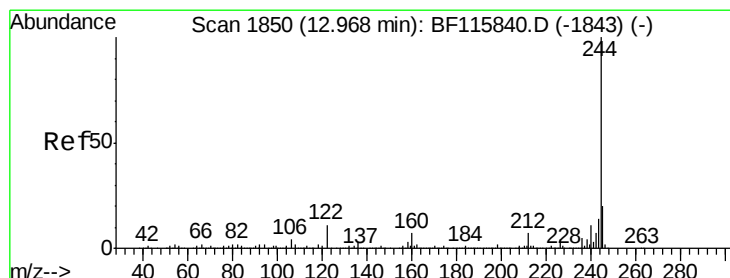
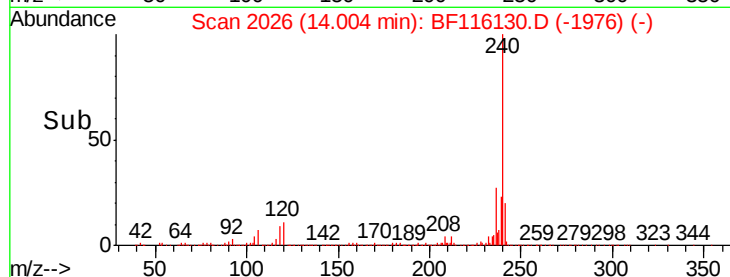
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.7	16.1
236	26.7	22.2	33.2



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

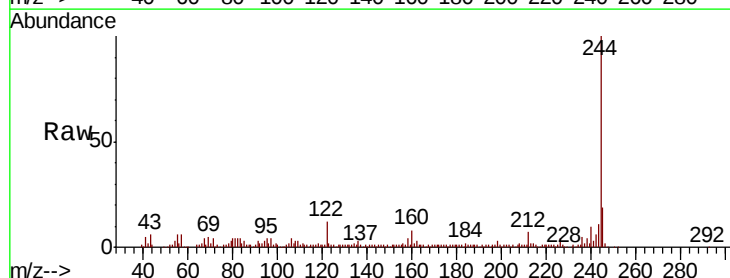


Time--> 13.90 14.00 14.10

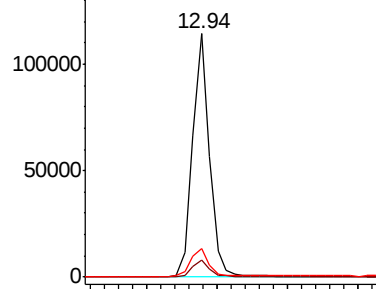


#79
 Terphenyl-d14
 Concen: 6.712 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

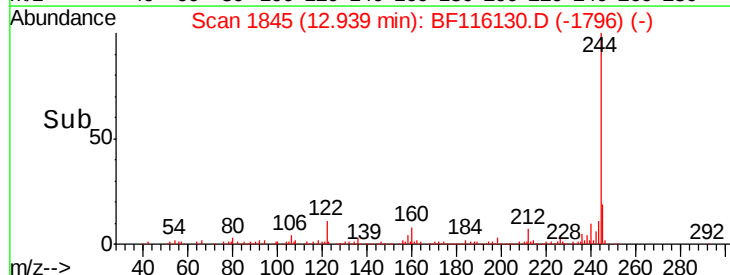
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	9.0	13.4

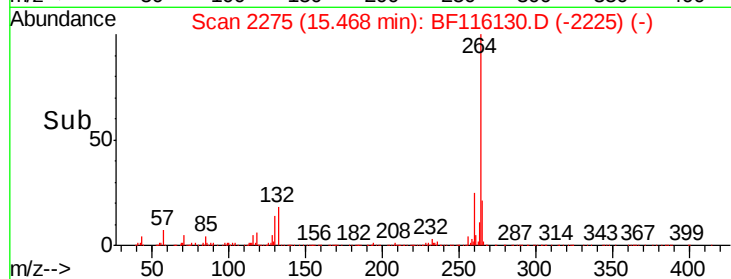
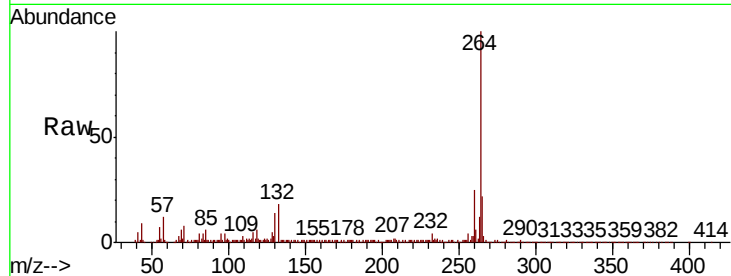
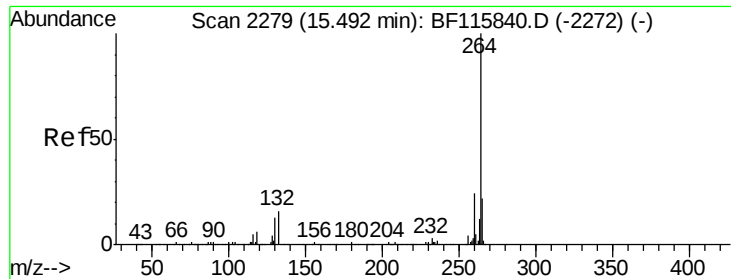


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 12.95 13.00 13.05





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.7	17.4	26.0

