

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116512.D
 Acq On : 24 Aug 2019 10:04
 Operator : HP/JU
 Sample : K4461-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:06:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147327	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	540436	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	254977	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	411586	20.00	ng	0.00
76) Chrysene-d12	14.03	240	291513	20.00	ng	0.00
87) Perylene-d12	15.49	264	265975	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1134386	112.51	ng	0.02
7) Phenol-d6	6.52	99	1496297	121.03	ng	0.01
23) Nitrobenzene-d5	7.45	82	935802	94.73	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	260486	118.98	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1582708	99.96	ng	0.00
79) Terphenyl-d14	12.99	244	1415398	90.69	ng	0.00

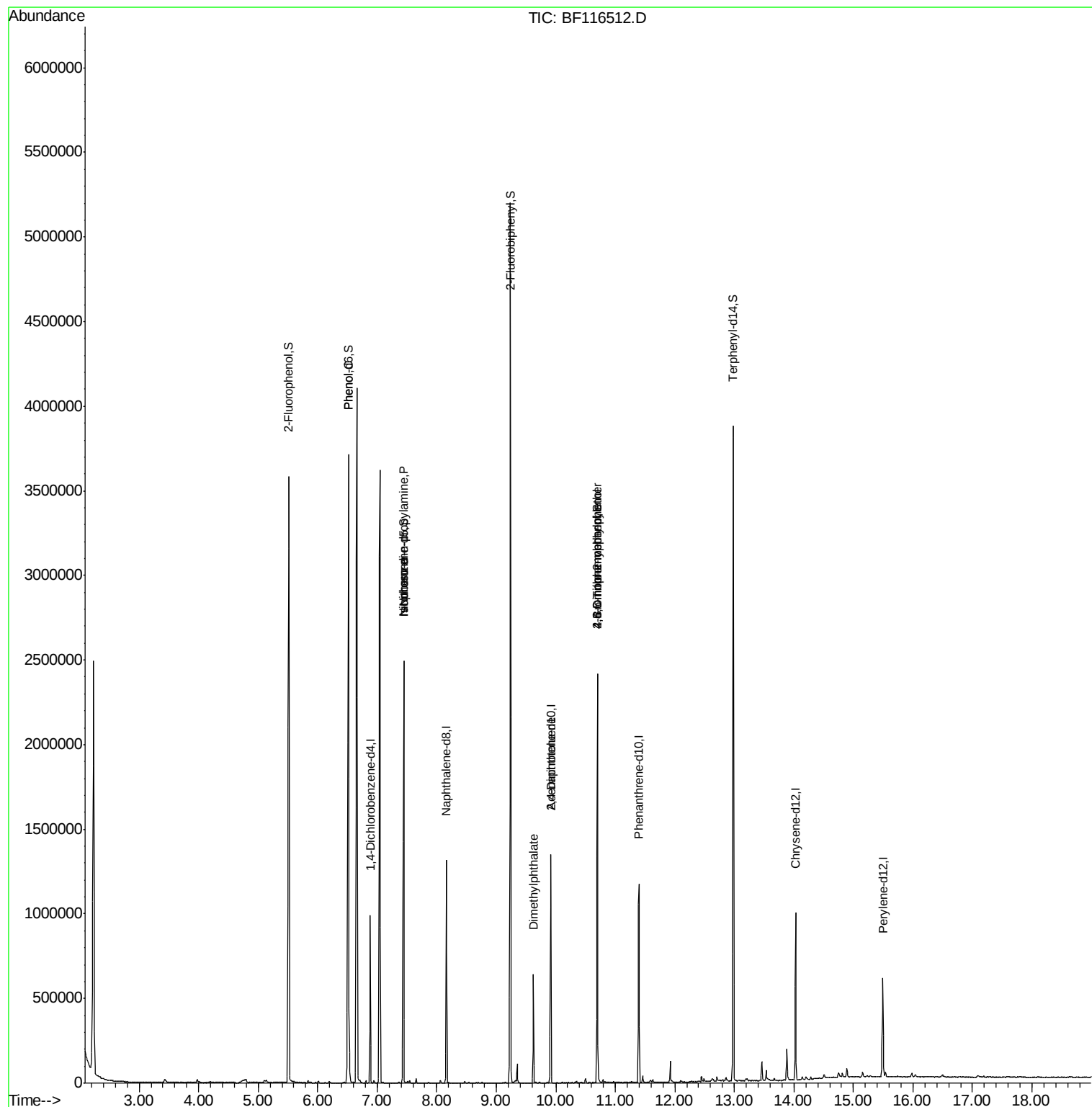
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	58932	4.390	ng	# 61
19) n-Nitroso-di-n-propylamine	7.45	70	127321	15.092	ng	# 76
25) Isophorone	7.45	82	933810	47.970	ng	# 67
50) Dimethylphthalate	9.63	163	255385	14.356	ng	98
57) 2,4-Dinitrotoluene	9.92	165	33125	7.149	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	627	7.323	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	17524	4.061	ng	# 1

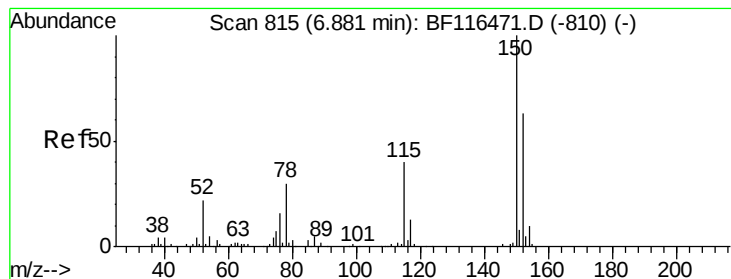
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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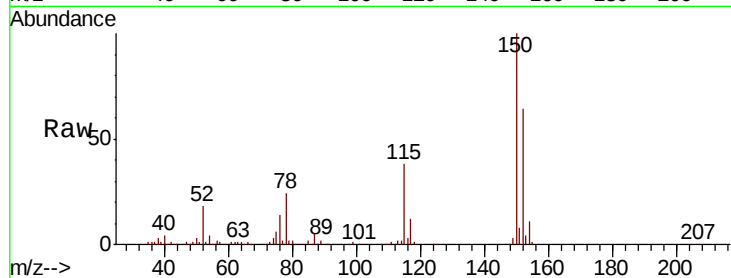


#1

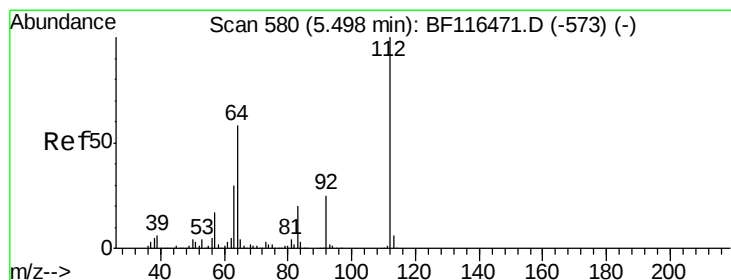
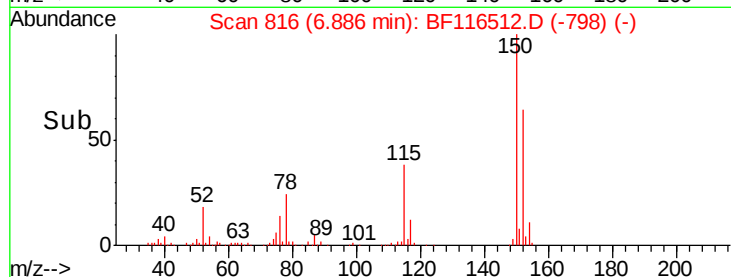
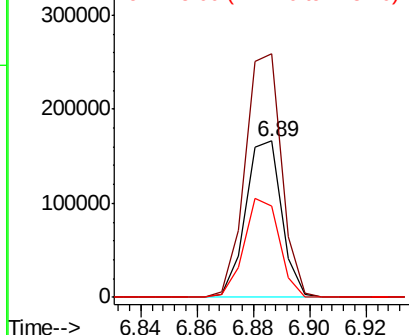
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.7	190.1
115	58.5	50.9	76.3



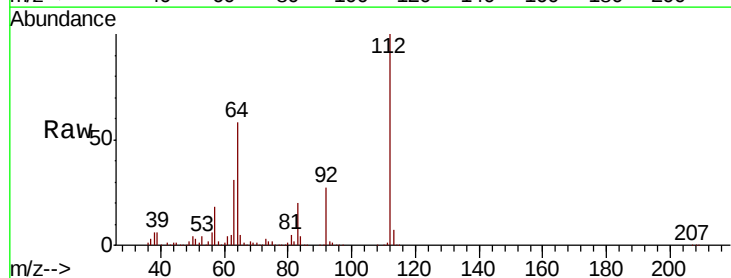
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



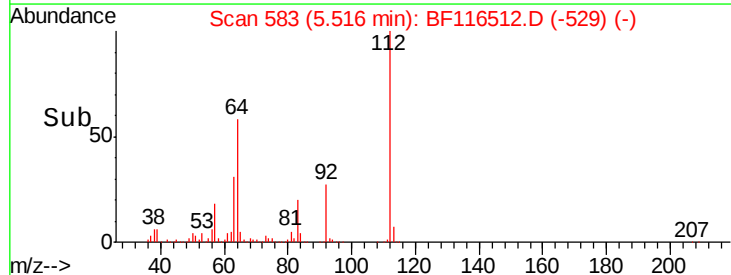
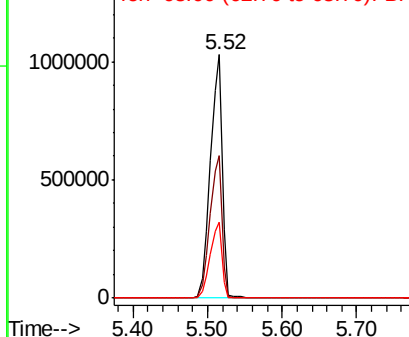
#5

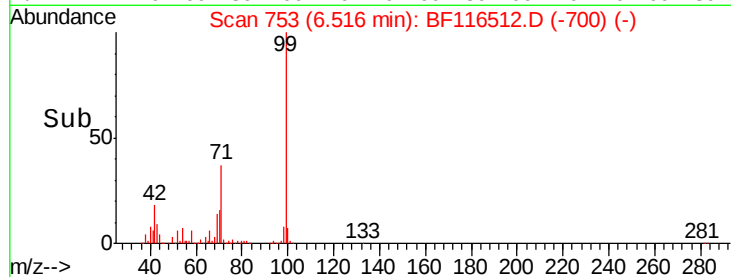
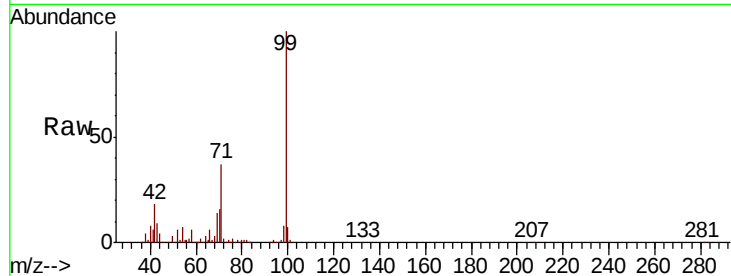
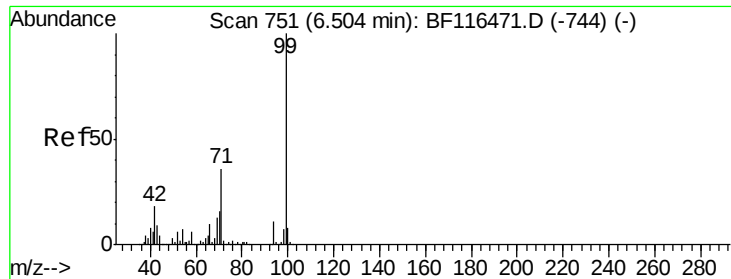
2-Fluorophenol
Concen: 112.505 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.3	69.5
63	31.0	24.2	36.4



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: 121.028 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116512.D

Acq: 24 Aug 2019 10:04

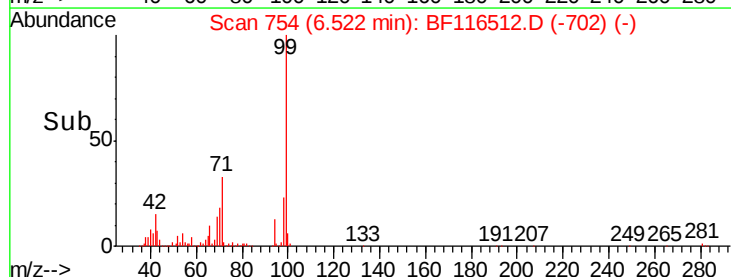
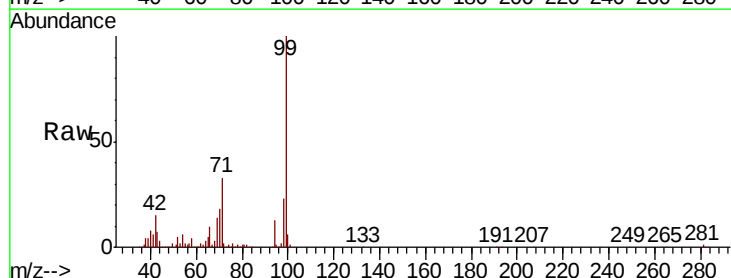
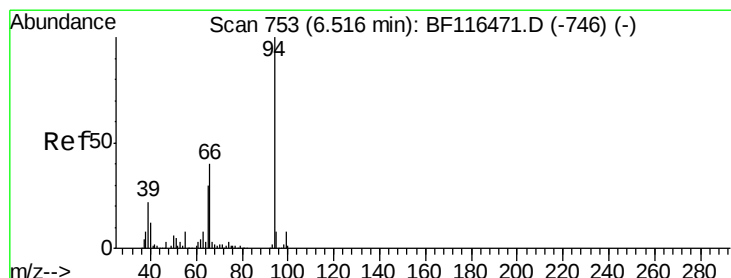
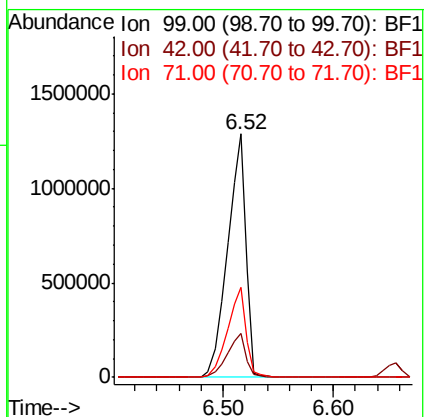
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1496297

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	37.2	28.5	42.7



#10

Phenol

Concen: 4.390 ng

RT: 6.52 min Scan# 754

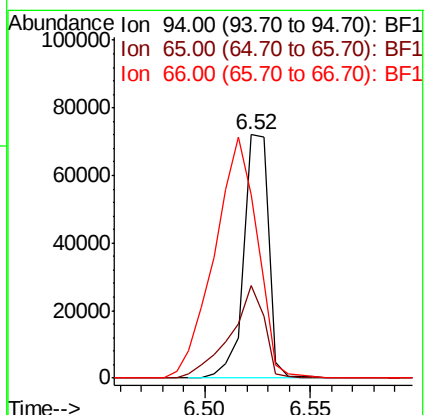
Delta R.T. 0.01 min

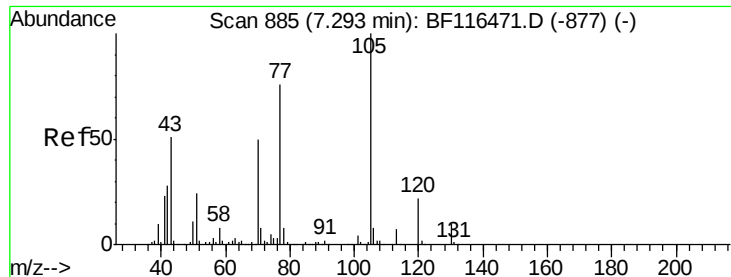
Lab File: BF116512.D

Acq: 24 Aug 2019 10:04

Tgt Ion: 94 Resp: 58932

Ion	Ratio	Lower	Upper
94	100		
65	38.0	10.0	50.0
66	75.5	19.8	59.8

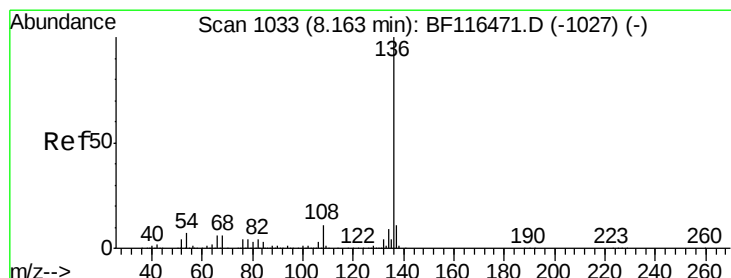
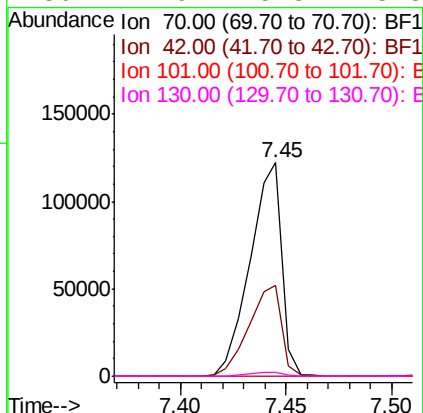
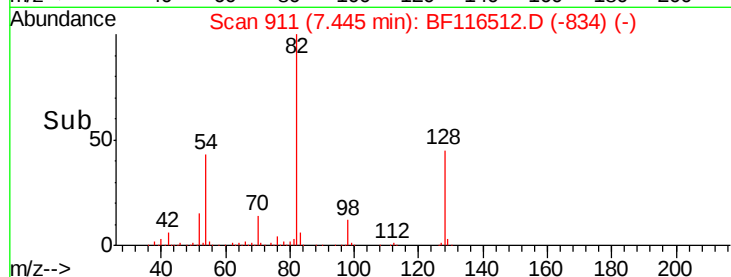
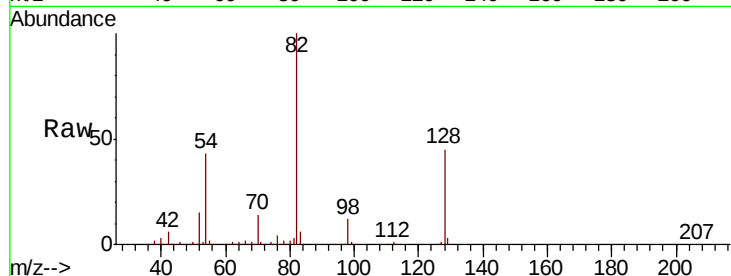




#19
n-Nitroso-di-n-propylamine
Concen: 15.092 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

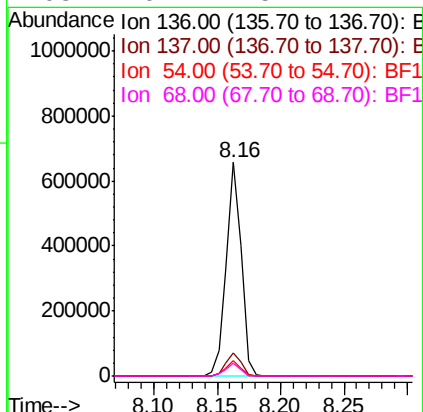
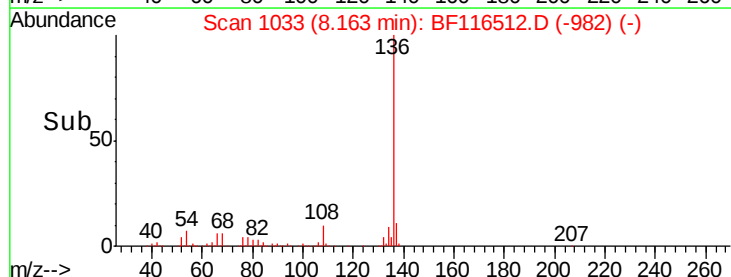
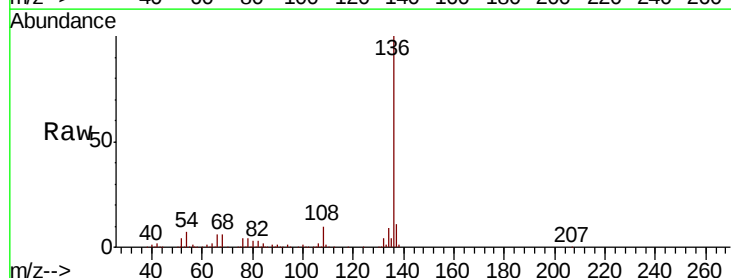
Instrument :
BNA_F
ClientSampleId :

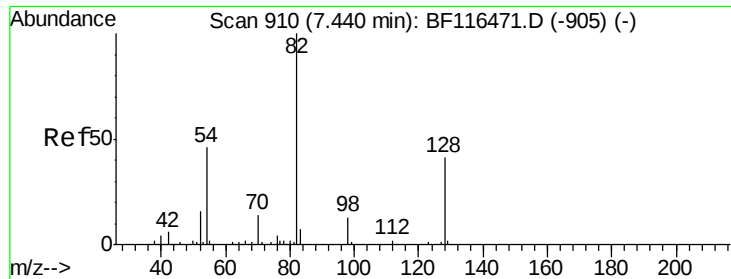
Tot Ion: 70 Resp: 127321
Ion Ratio Lower Upper
70 100
42 42.4 44.4 66.6#
101 0.0 7.1 10.7#
130 1.9 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Tgt Ion:136 Resp: 540436
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.0 5.8 8.6
68 6.1 5.1 7.7

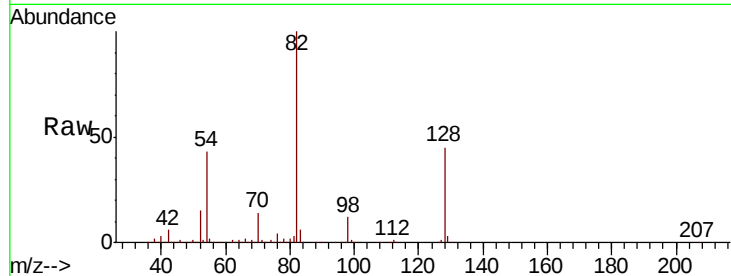




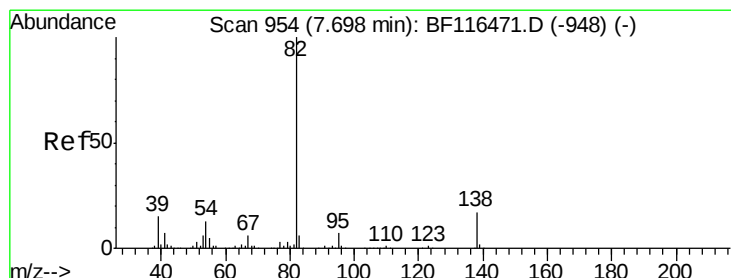
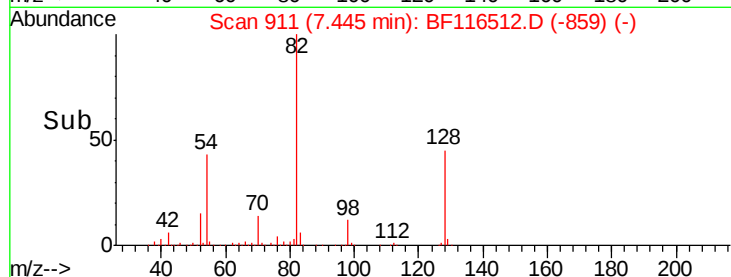
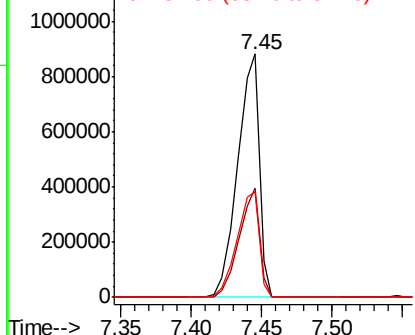
#23
 Nitrobenzene-d5
 Concen: 94.734 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	935802
Ion Ratio	100	Lower	Upper
128	44.8	32.2	48.4
54	43.4	36.5	54.7

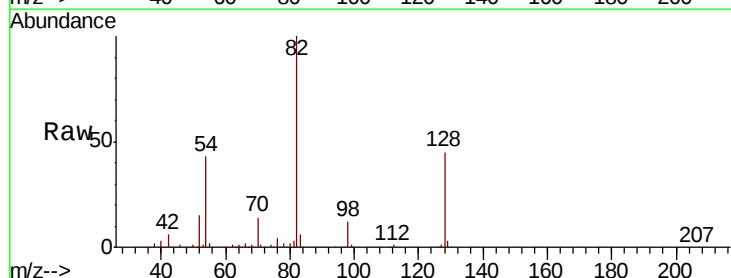


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

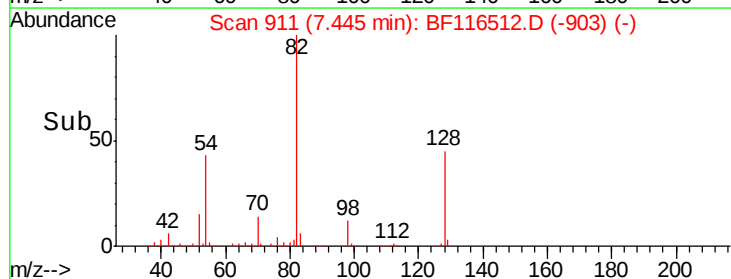
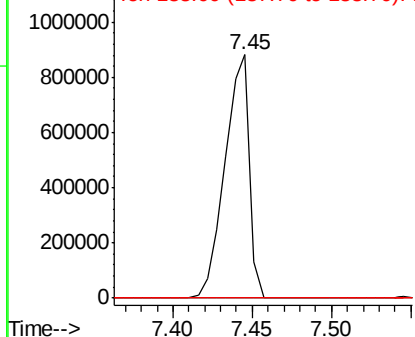


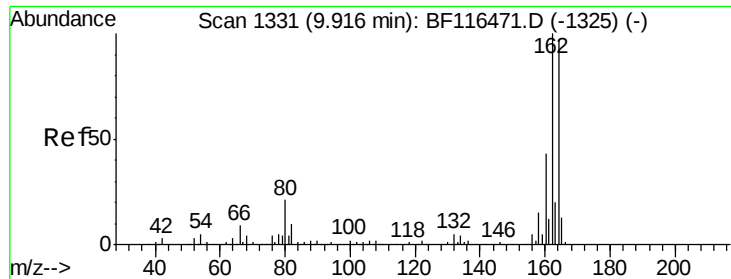
#25
 Isophorone
 Concen: 47.970 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.25 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Tgt Ion	82	Resp	933810
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



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

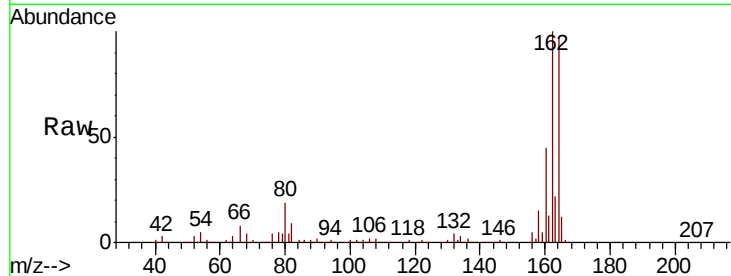




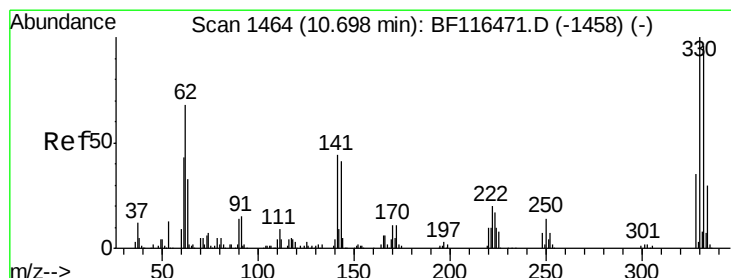
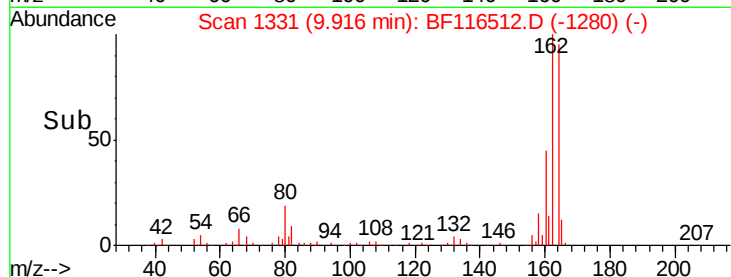
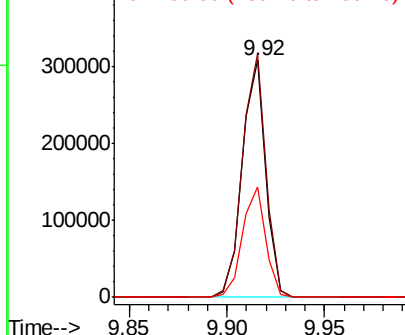
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.5	35.8	53.8

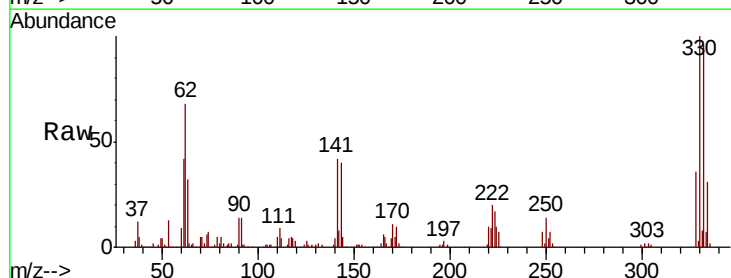


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

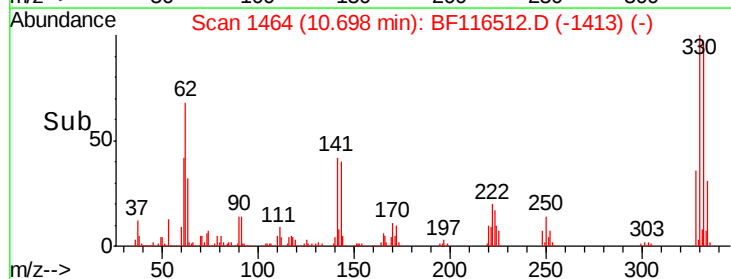
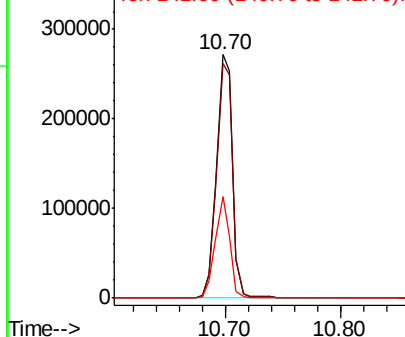


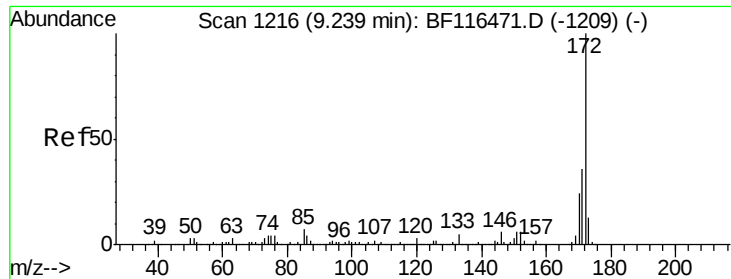
#42
2,4,6-Tribromophenol
Concen: 118.975 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	38.0	33.3	49.9



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

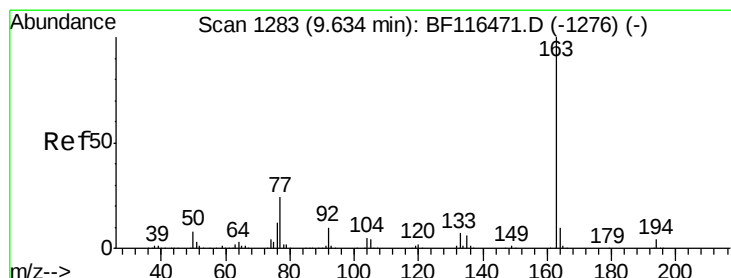
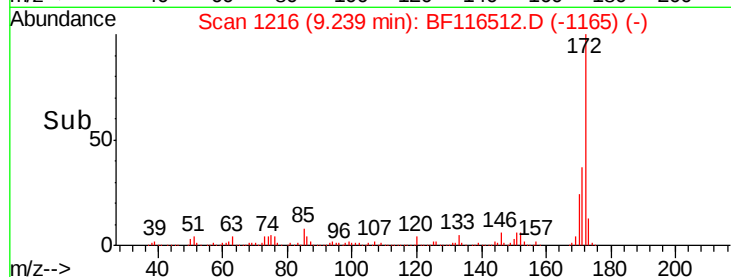
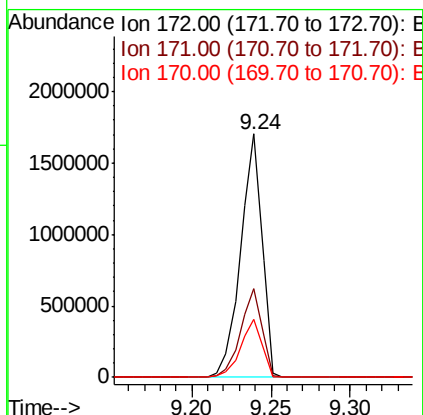
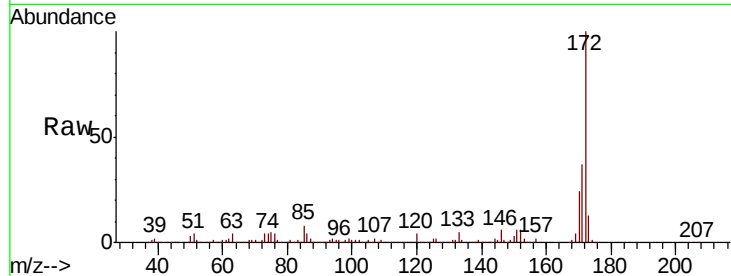




#45
2-Fluorobiphenyl
Concen: 99.962 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

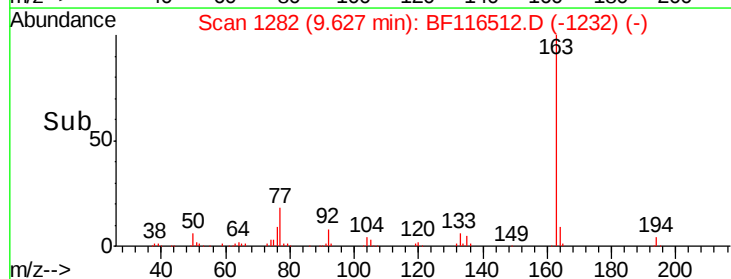
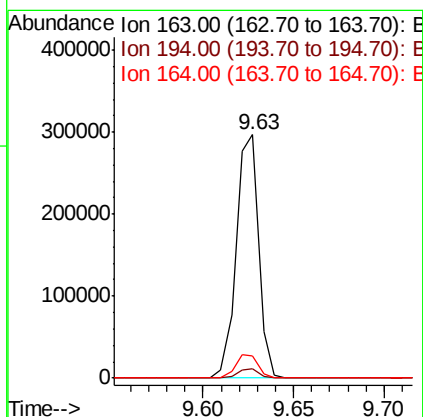
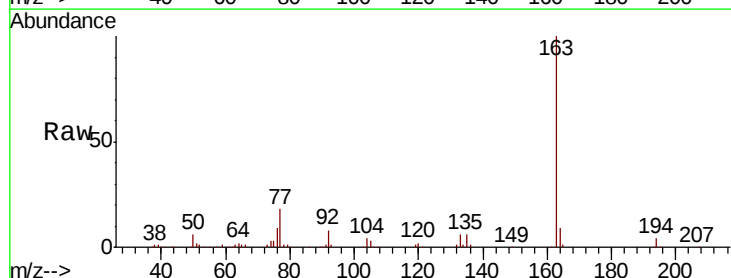
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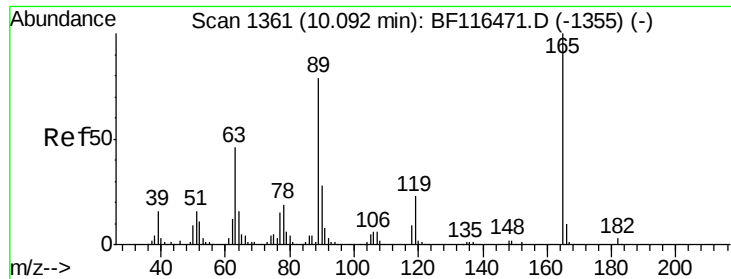
Tot Ion:172 Resp: 1582708
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.0 19.4 29.0



#50
Dimethylphthalate
Concen: 14.356 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116512.D
Acq: 24 Aug 2019 10:04

Tgt Ion:163 Resp: 255385
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.2 8.2 12.2

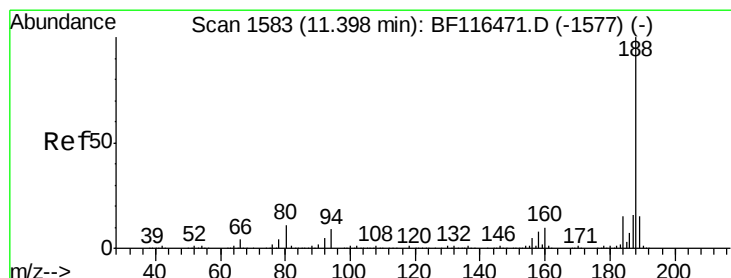
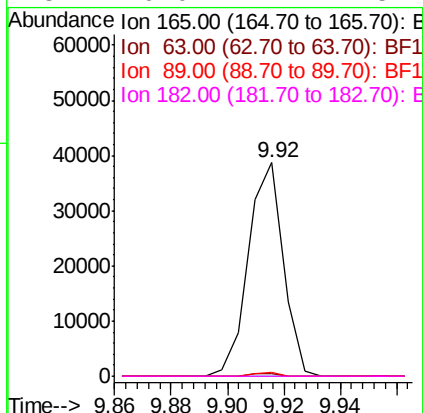
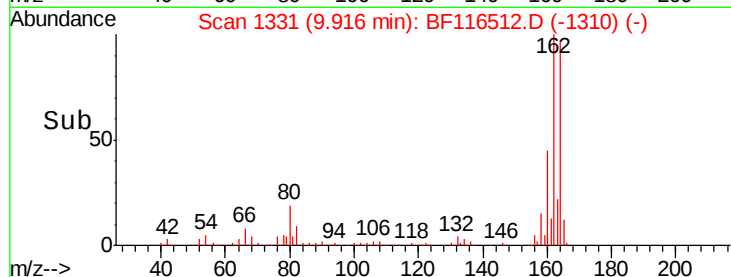
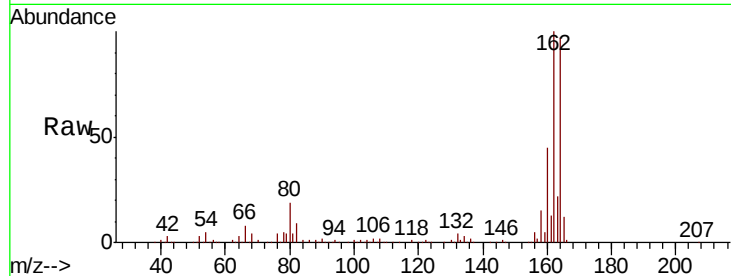




#57
 2,4-Dinitrotoluene
 Concen: 7.149 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

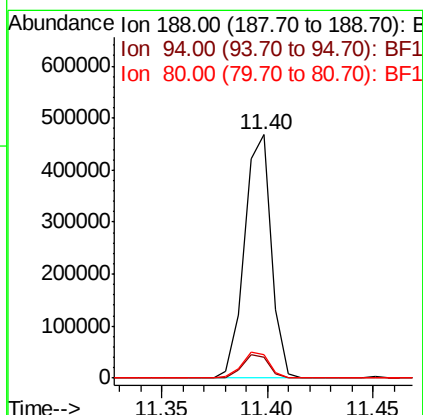
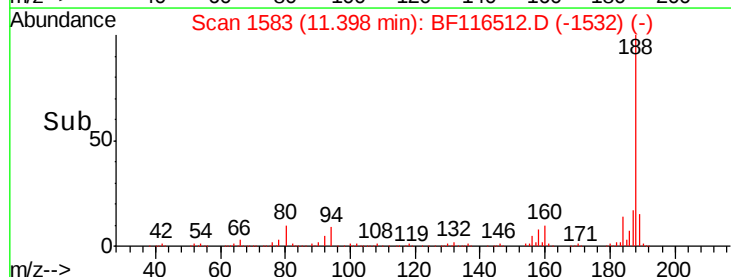
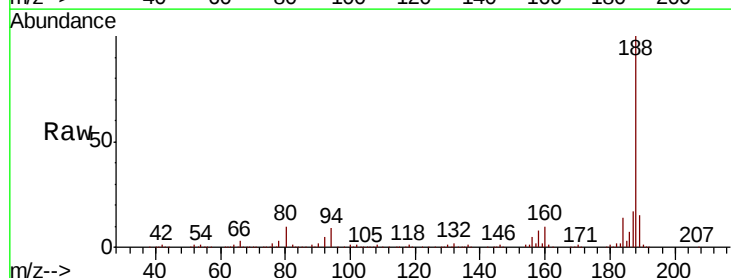
Instrument :
 BNA_F
 ClientSampleId :

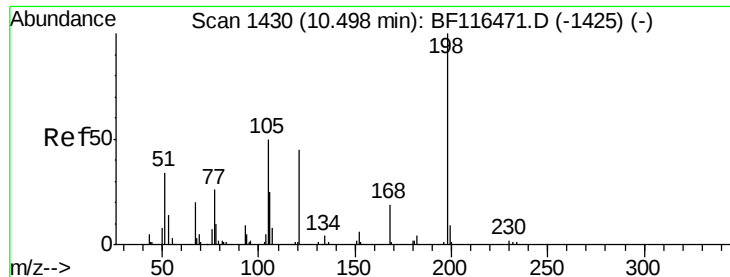
Tot Ion:165	Resp: 33125
Ion Ratio	Lower Upper
165 100	
63 1.3	36.9 55.3#
89 1.7	63.4 95.0#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Tgt	Ion:188	Resp:	411586
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.7	8.6	12.8

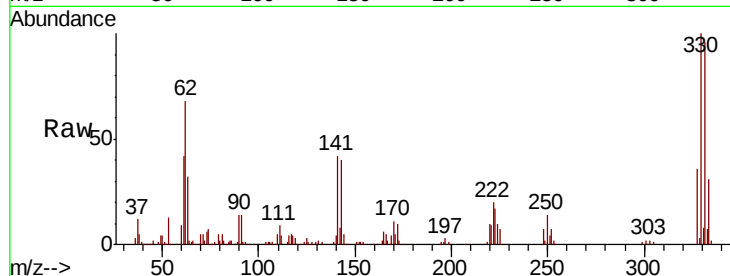




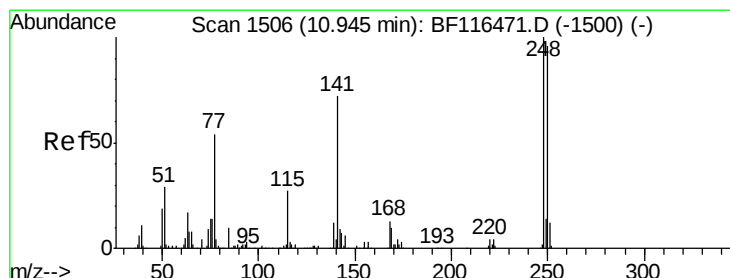
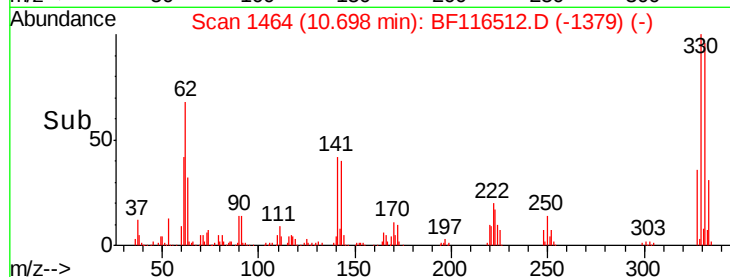
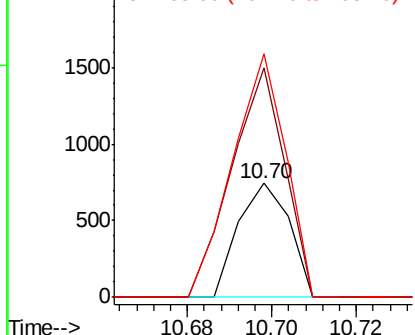
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.323 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 627
 Ion Ratio Lower Upper
 198 100
 51 200.8 30.4 70.4#
 105 213.3 32.8 72.8#

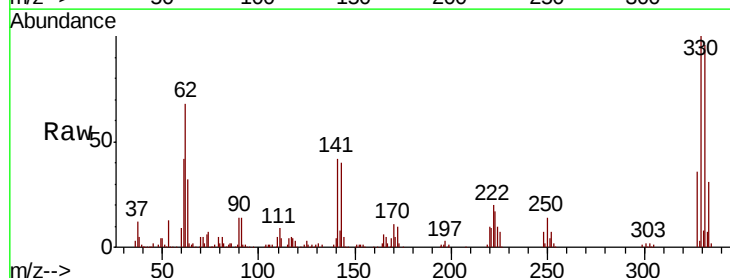


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

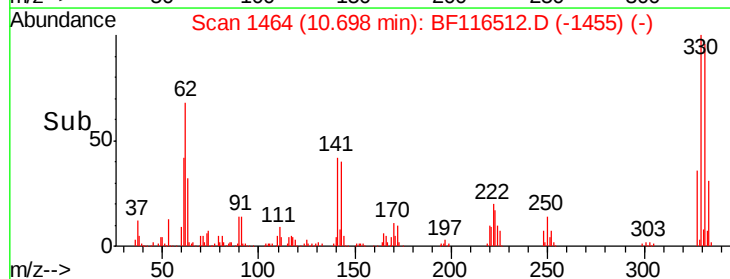
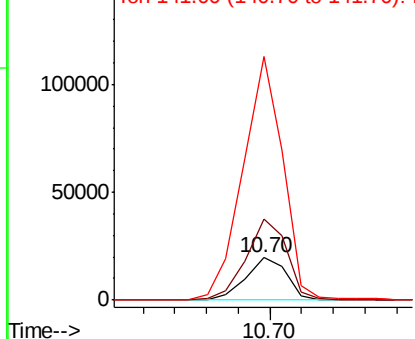


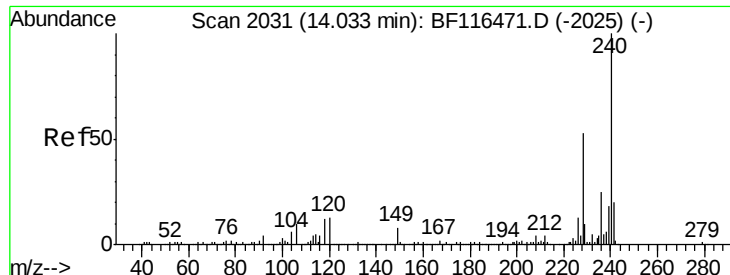
#67
 4-Bromophenyl-phenylether
 Concen: 4.061 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Tgt Ion:248 Resp: 17524
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.0 115.6#
 141 575.8 57.4 86.0#



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

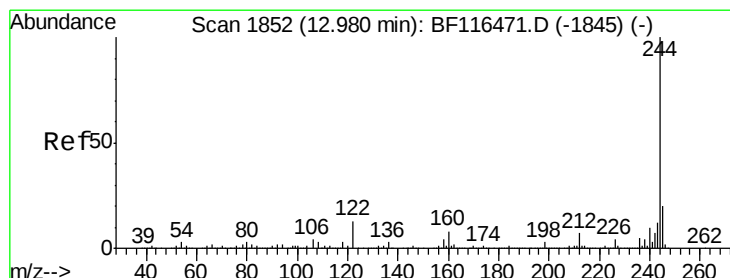
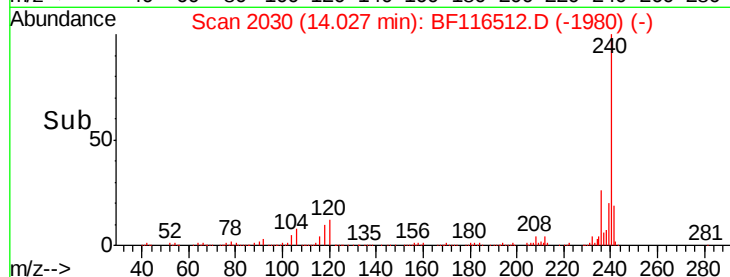
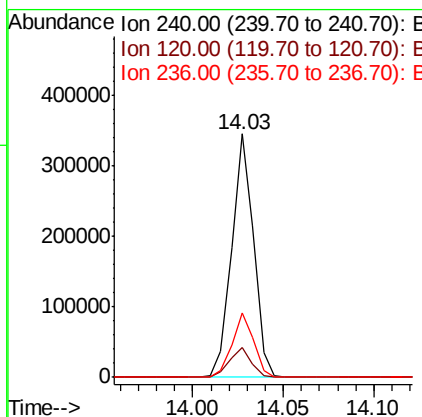
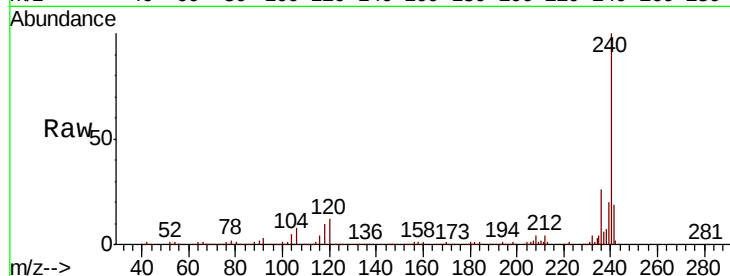




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

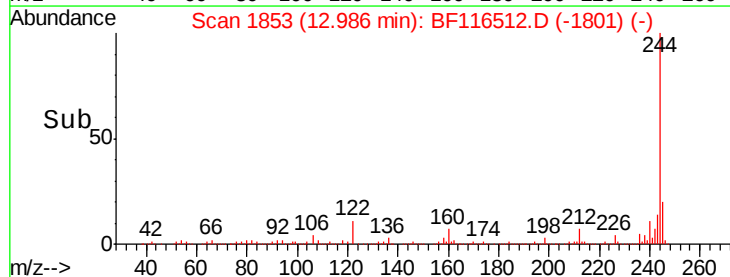
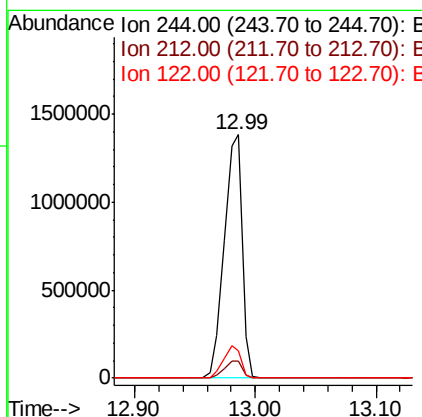
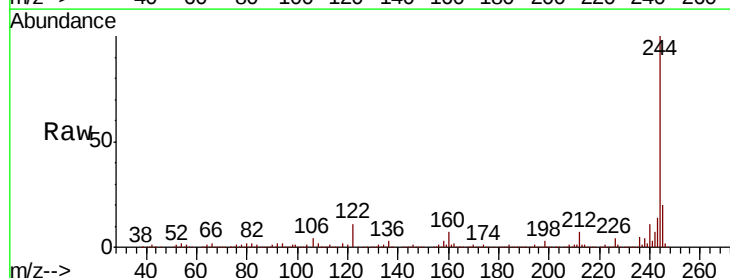
Instrument :
 BNA_F
 ClientSampleId :

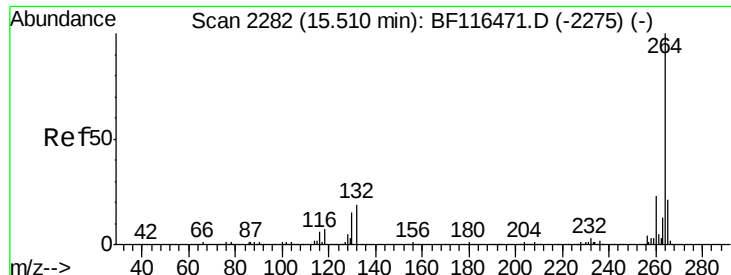
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.5	15.7
236	26.3	20.2	30.2



#79
 Terphenyl-d14
 Concen: 90.693 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.0	10.2	15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF116512.D
 Acq: 24 Aug 2019 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.1	17.1	25.7

