

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118296.D
 Acq On : 19 Dec 2019 23:07
 Operator : JU
 Sample : K6350-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:15:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

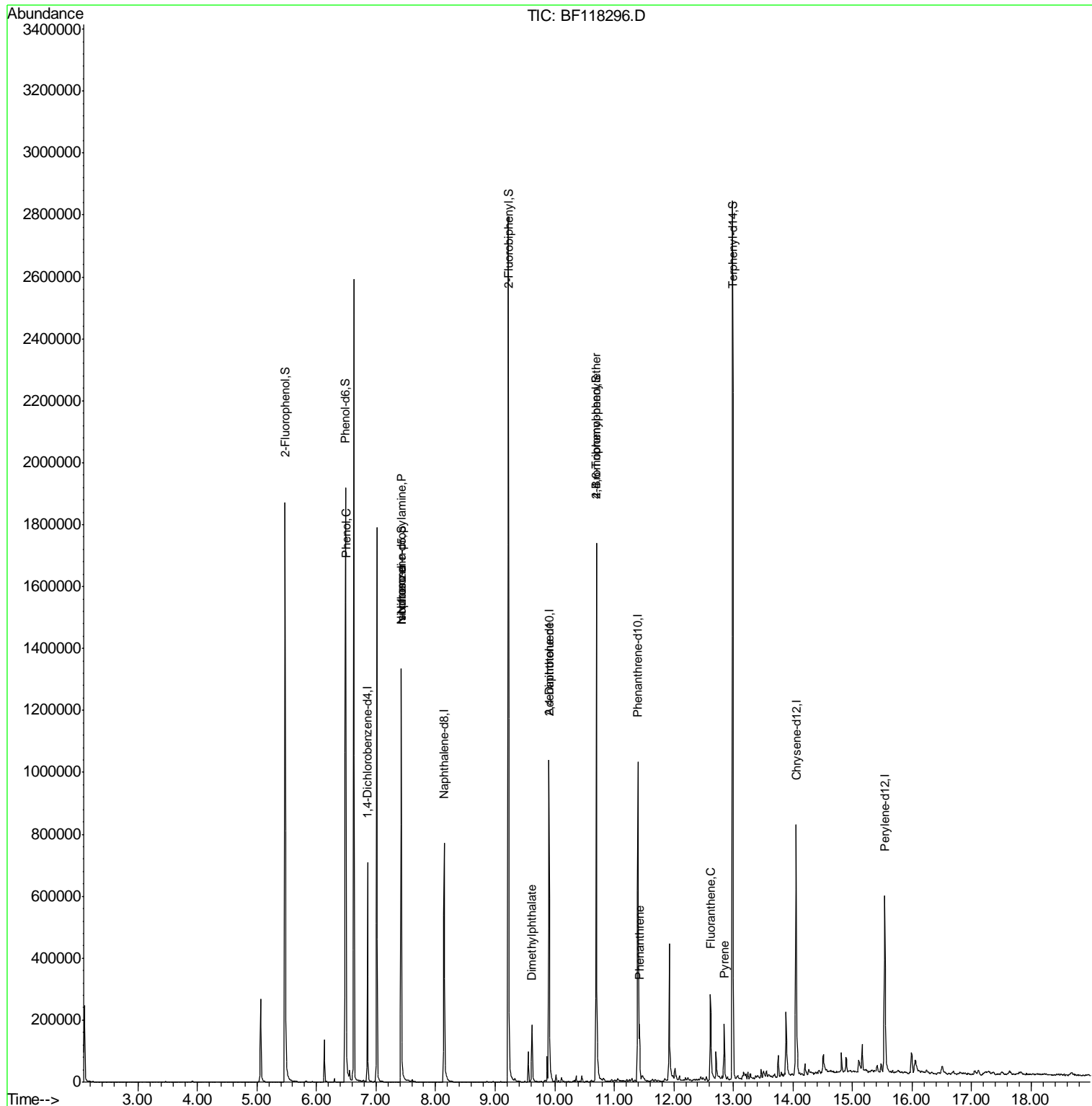
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	97887	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	386820	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	203434	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	388134	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	256400	20.00	ng	-0.02
87) Perylene-d12	15.54	264	268575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	553689	99.07	ng	0.00
7) Phenol-d6	6.49	99	700269	103.59	ng	-0.01
23) Nitrobenzene-d5	7.42	82	413506	60.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	232481	94.07	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	822473	61.52	ng	-0.02
79) Terphenyl-d14	12.99	244	964855	64.71	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	1284	Below Cal		1
10) Phenol	6.50	94	30401	3.943	ng	87
19) n-Nitroso-di-n-propylamine	7.42	70	54173	13.188	ng	79
25) Isophorone	7.42	82	413503	35.475	ng	62
50) Dimethylphthalate	9.62	163	94887	6.315	ng	99
57) 2,4-Dinitrotoluene	9.90	165	25630	5.877	ng	25
67) 4-Bromophenyl-phenylether	10.70	248	14229	3.212	ng	1
71) Phenanthrene	11.42	178	62545	3.031	ng	99
75) Fluoranthene	12.62	202	104962	4.976	ng	99
78) Pyrene	12.85	202	81539	4.035	ng	98

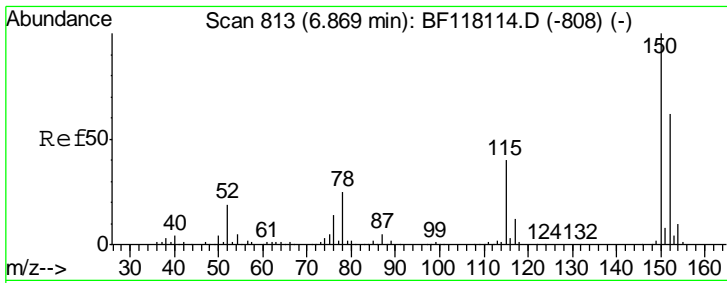
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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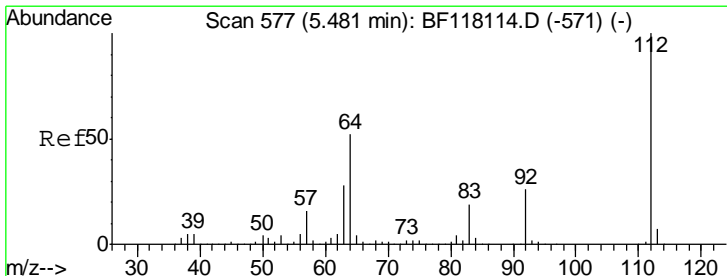
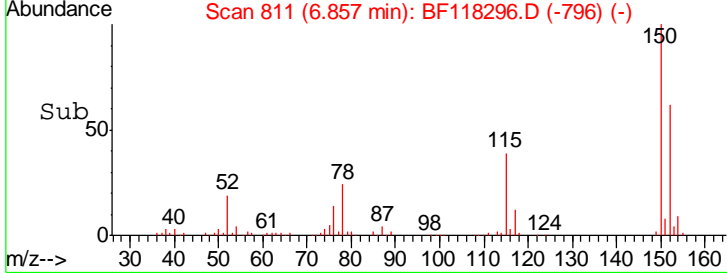
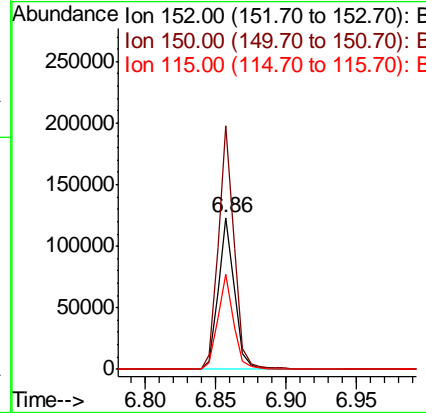
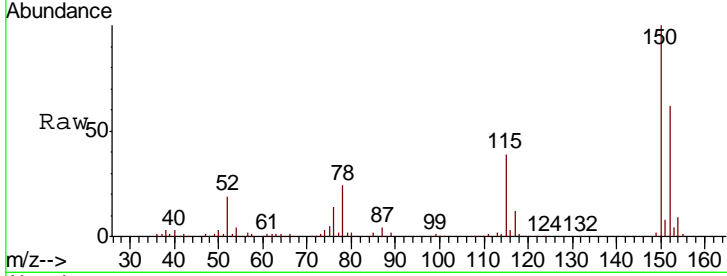




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

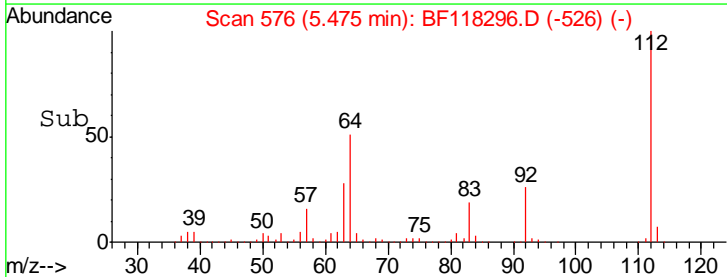
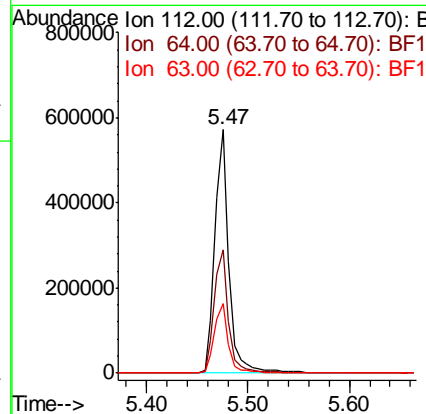
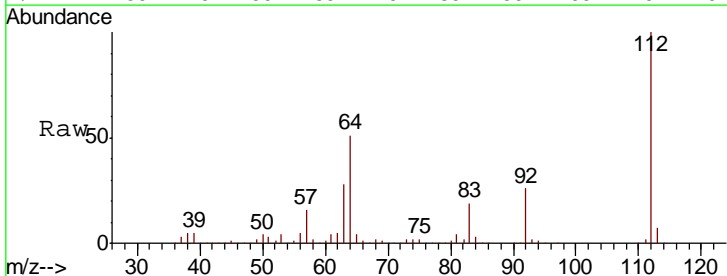
Instrument :
 BNA_F
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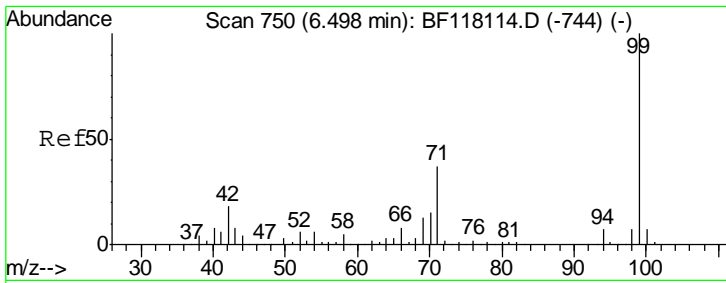
Tgt Ion	Resp	Lower	Upper
152	100		
150	160.4	128.3	192.5
115	62.4	51.1	76.7



#5
 2-Fluorophenol
 Concen: 99.070 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
112	100		
64	50.7	41.3	61.9
63	28.4	22.4	33.6

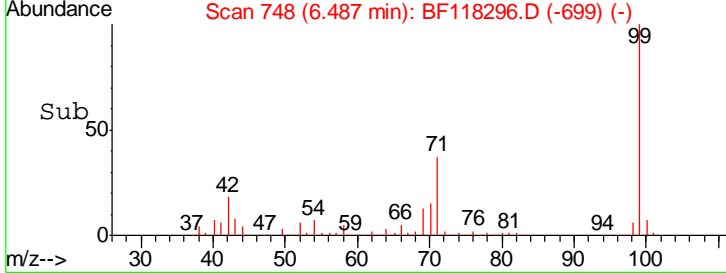
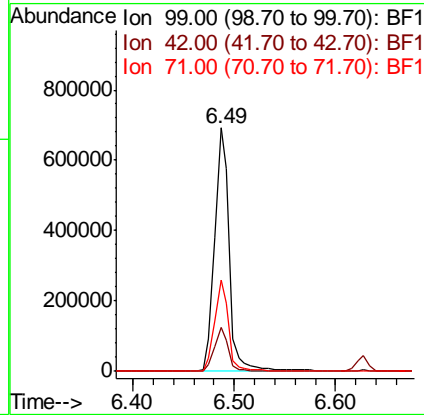
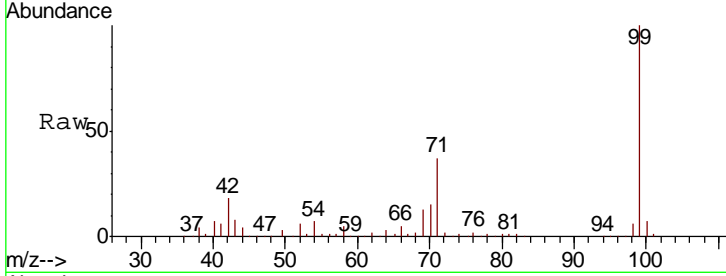




#7
 Phenol-d6
 Concen: 103.592 ng
 RT: 6.49 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

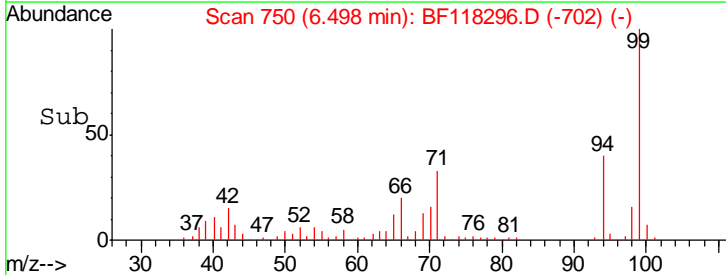
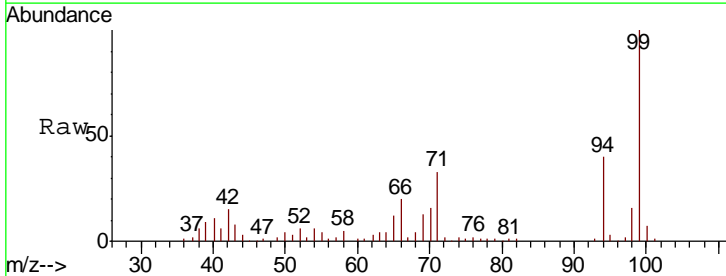
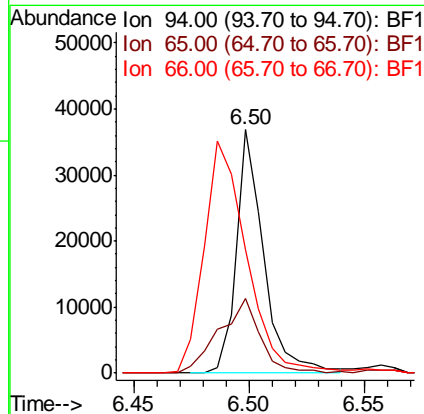
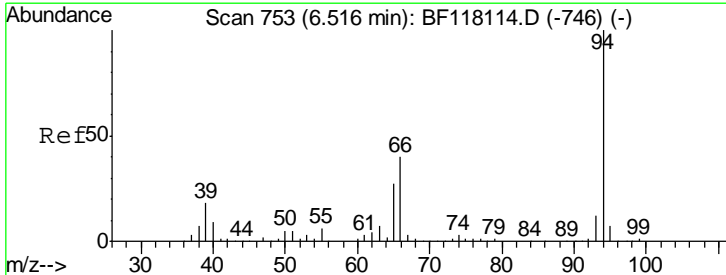
Instrument :
 BNA_F
 ClientSampled :

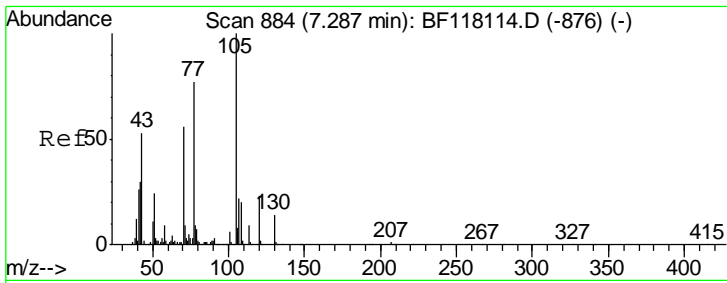
Tgt Ion	Resp	Lower	Upper
99	700269		
42	18.1	14.1	21.1
71	37.5	29.7	44.5



#10
 Phenol
 Concen: 3.943 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
94	30401		
65	30.5	7.3	47.3
66	50.7	20.2	60.2

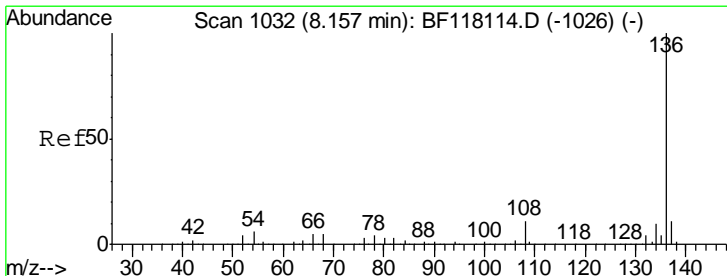
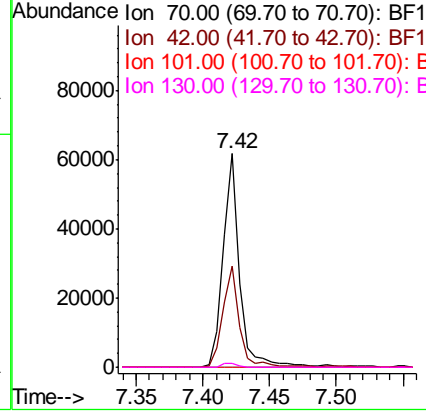
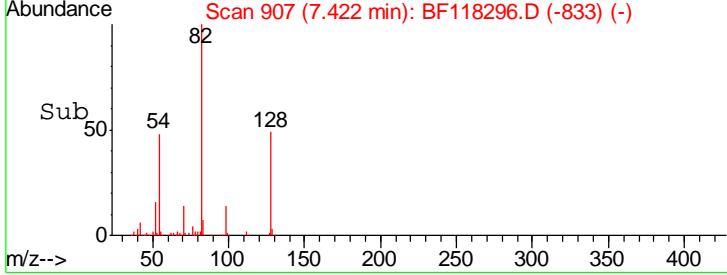
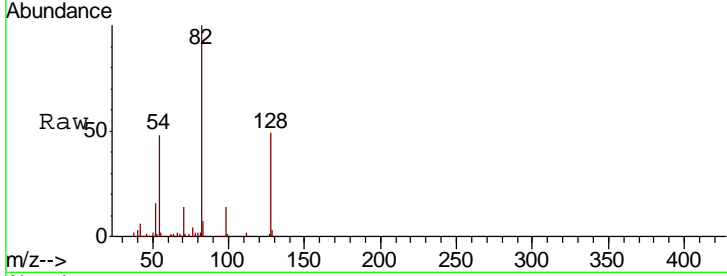




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.188 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.14 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

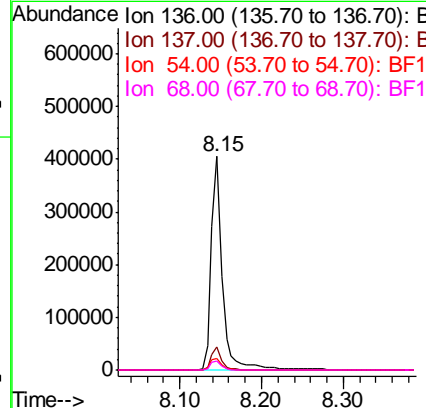
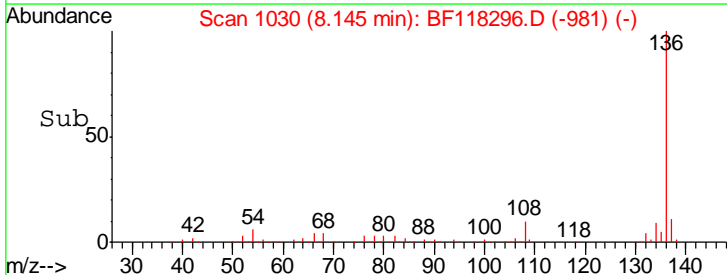
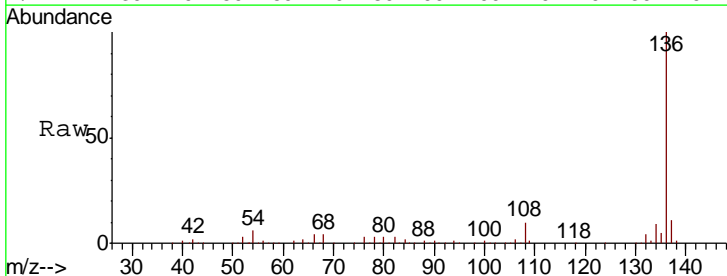
Instrument :
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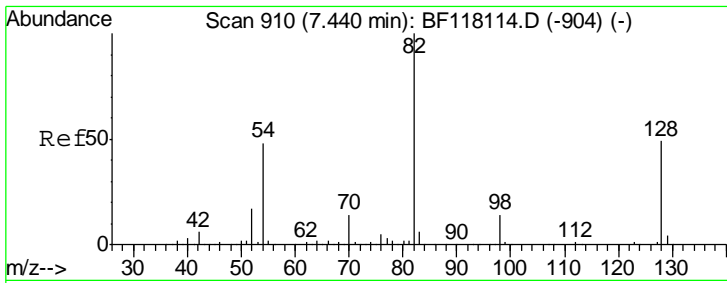
Tgt Ion	Resp	Lower	Upper
70	54173		
70	100		
42	47.4	43.2	64.8
101	0.0	8.1	12.1#
130	1.9	19.8	29.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
136	386820		
136	100		
137	10.7	9.0	13.6
54	5.6	5.0	7.6
68	4.2	3.8	5.8

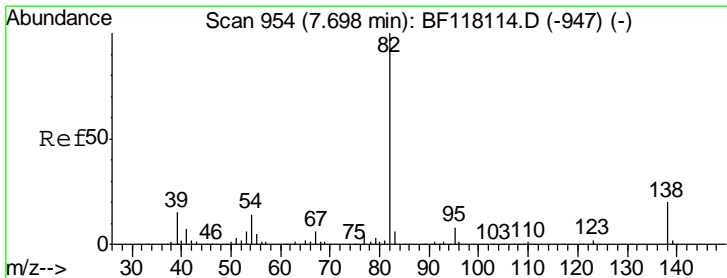
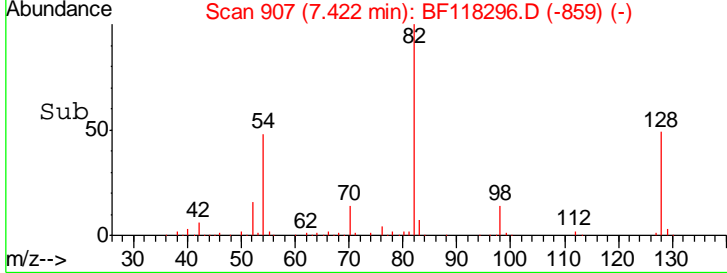
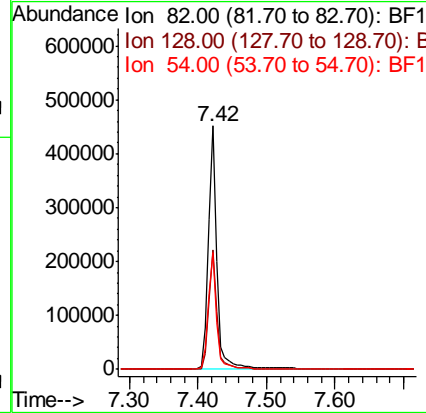
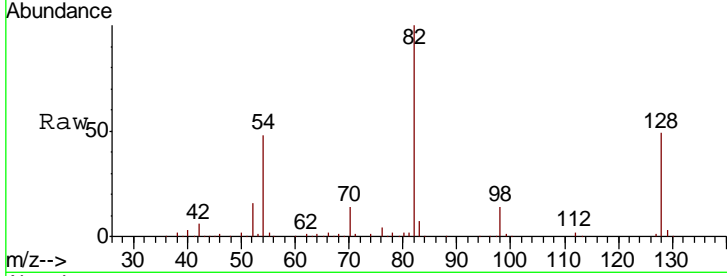




#23
 Nitrobenzene-d5
 Concen: 60.139 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

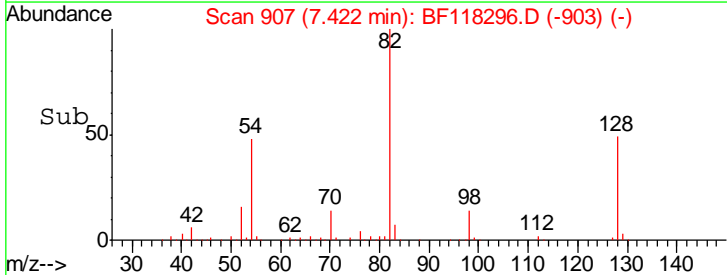
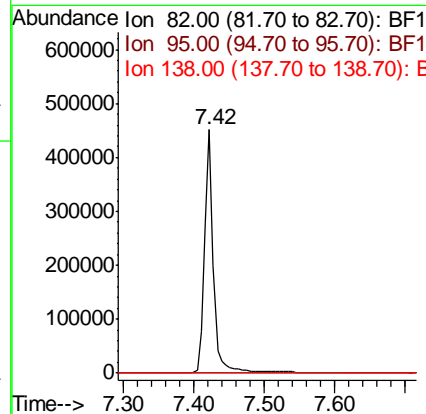
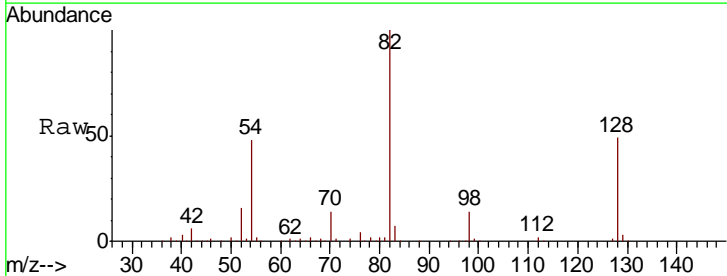
Instrument :
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 ClientSampled :

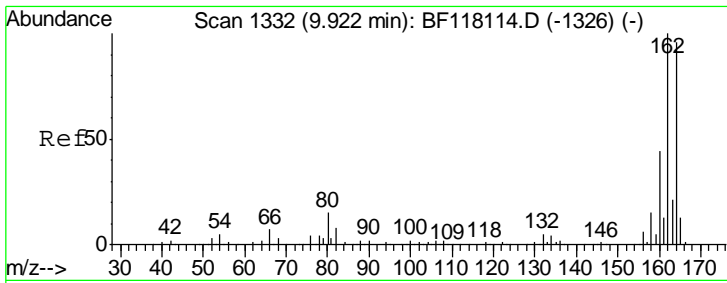
Tgt Ion	Resp	Lower	Upper
82	100		
128	49.0	39.1	58.7
54	48.1	38.2	57.2



#25
 Isophorone
 Concen: 35.475 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.28 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

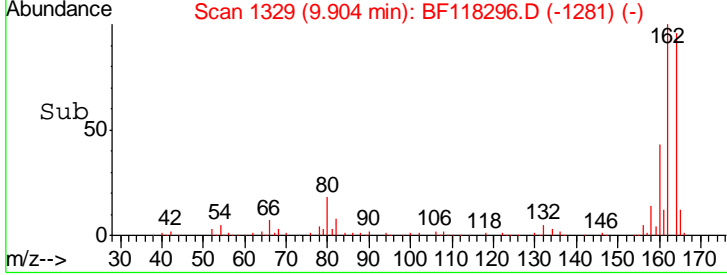
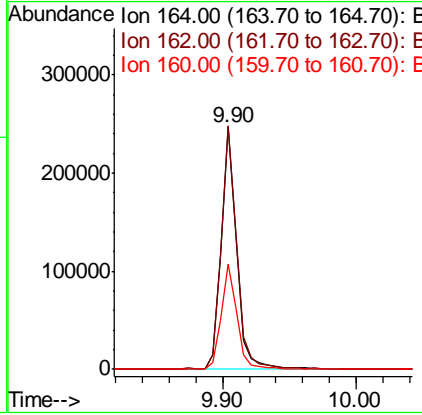
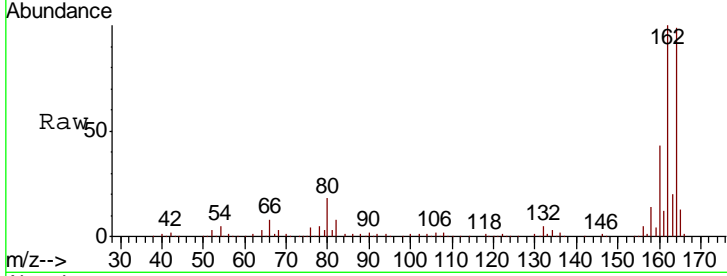




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

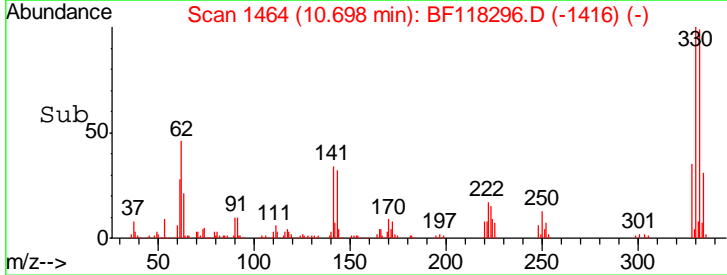
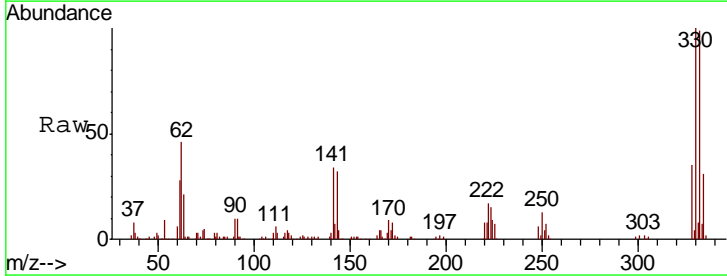
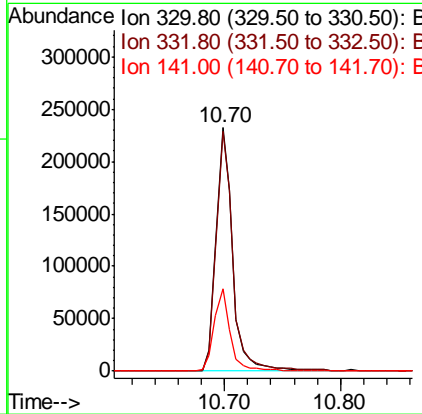
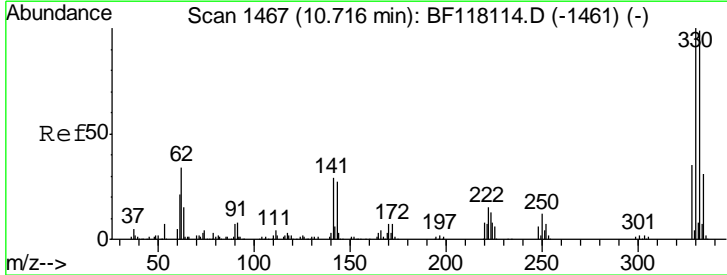
Instrument :
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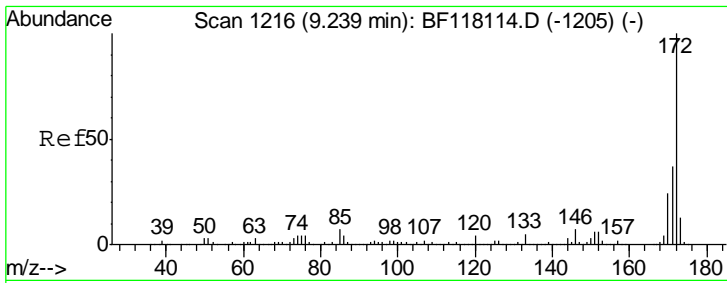
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.7	83.4	125.0
160	43.6	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 94.070 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
330	100		
332	99.2	78.1	117.1
141	32.9	26.9	40.3

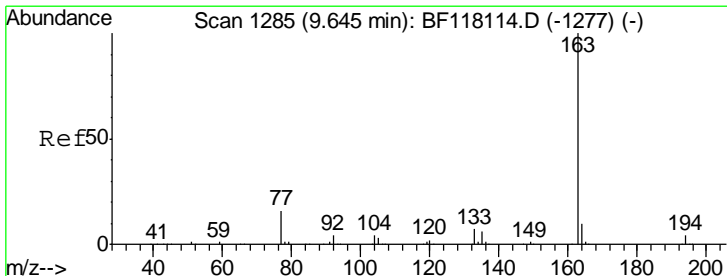
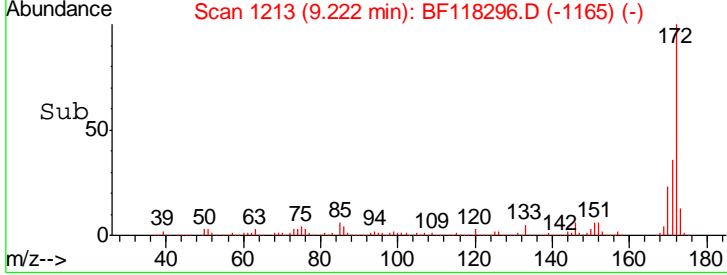
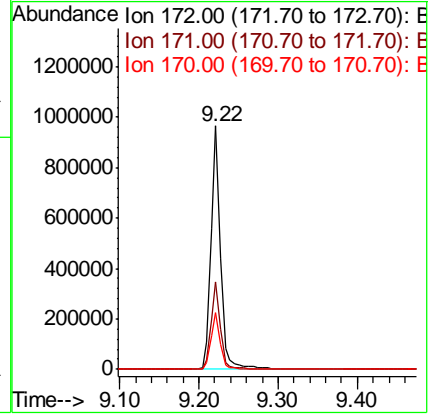
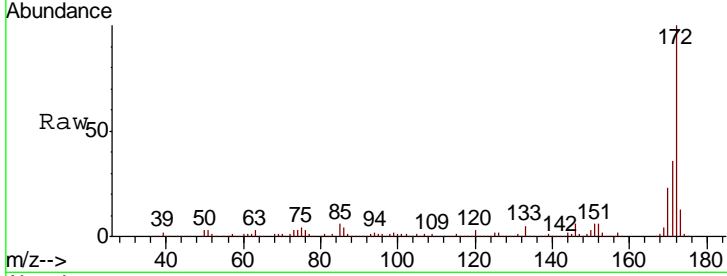




#45
 2-Fluorobiphenyl
 Concen: 61.519 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

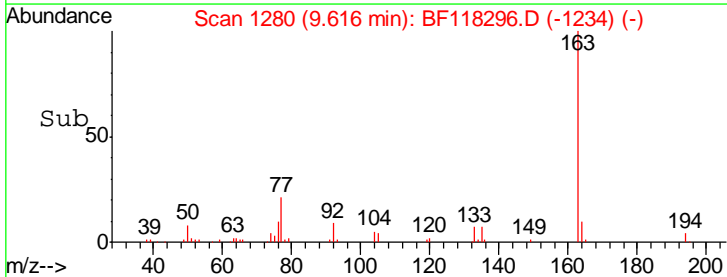
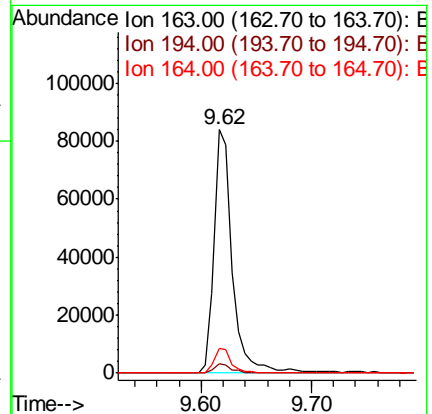
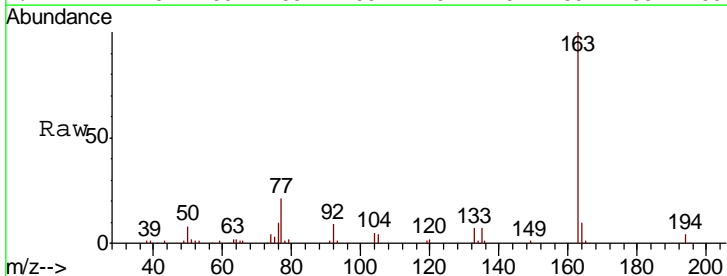
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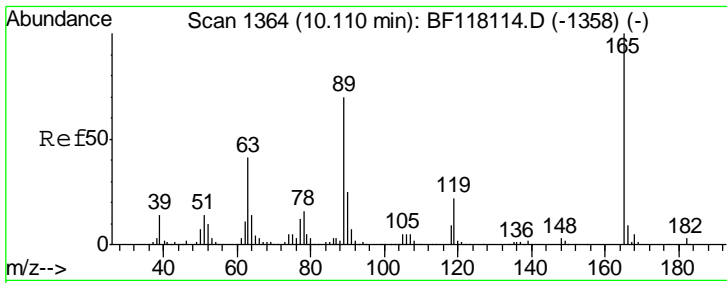
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.4	19.4	29.2



#50
 Dimethylphthalate
 Concen: 6.315 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.03 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	7.7	11.5

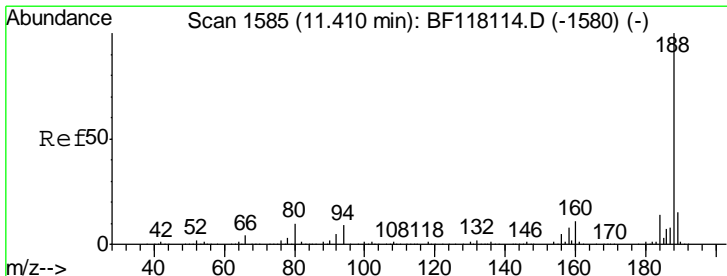
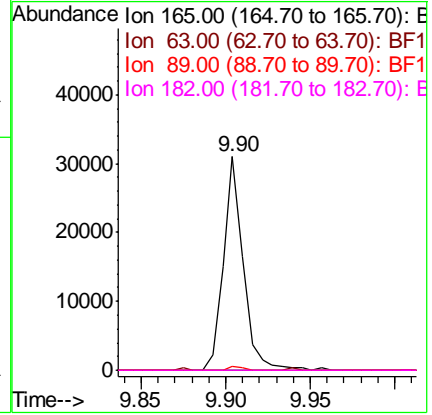
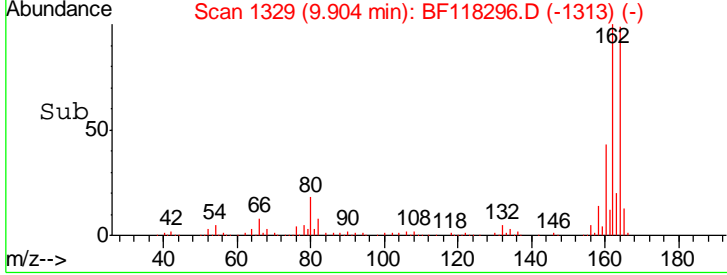
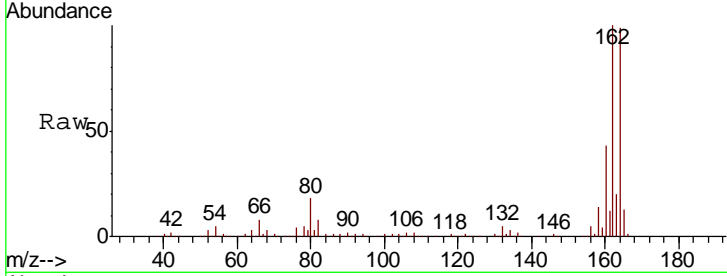




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

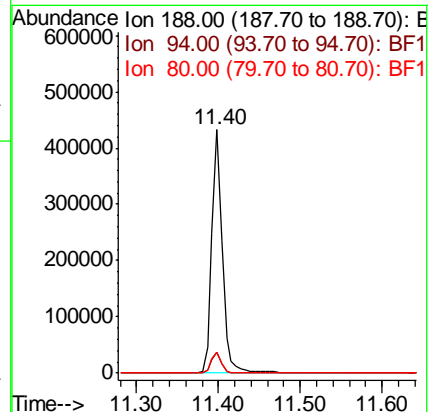
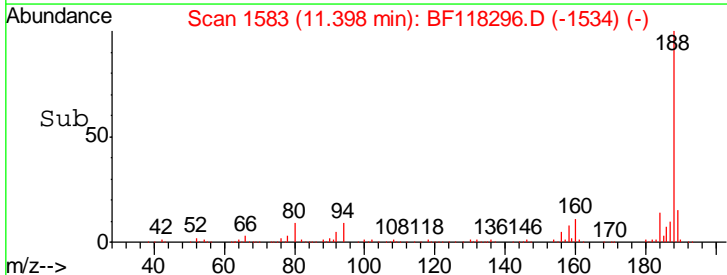
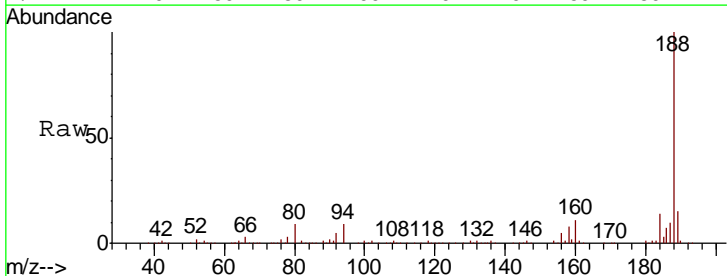
Instrument :
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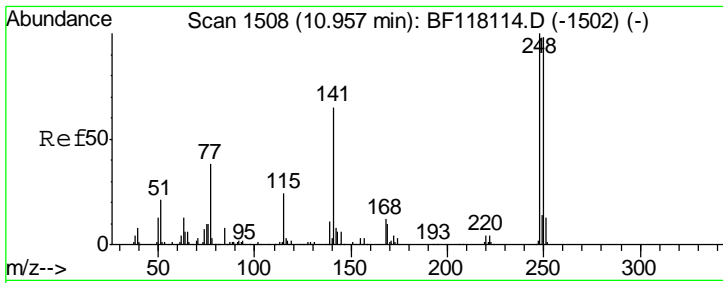
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	1.9	56.1	84.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	8.7	7.9	11.9

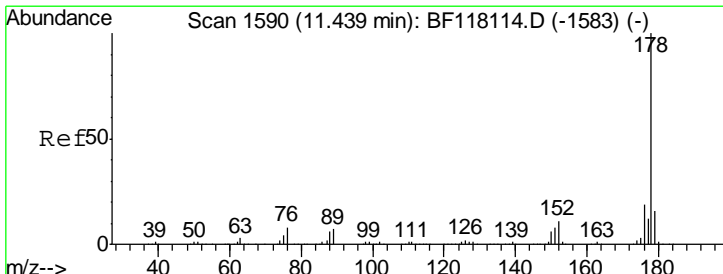
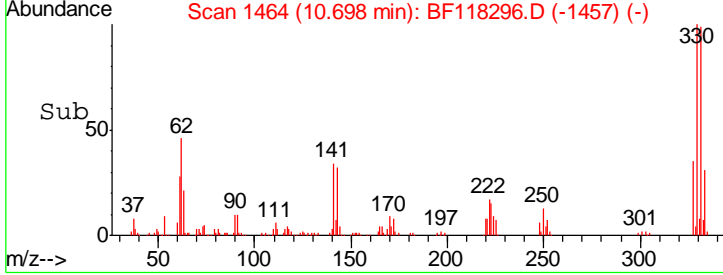
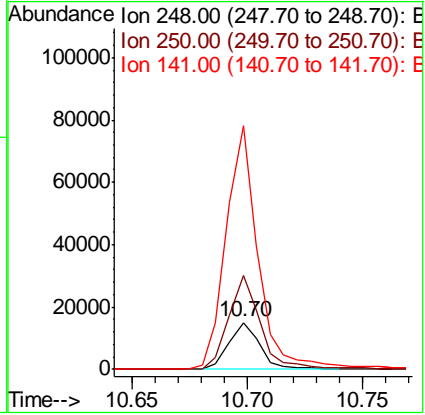
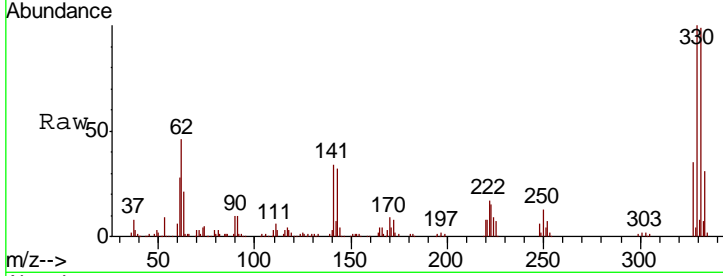




#67
 4-Bromophenyl-phenylether
 Concen: 3.212 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

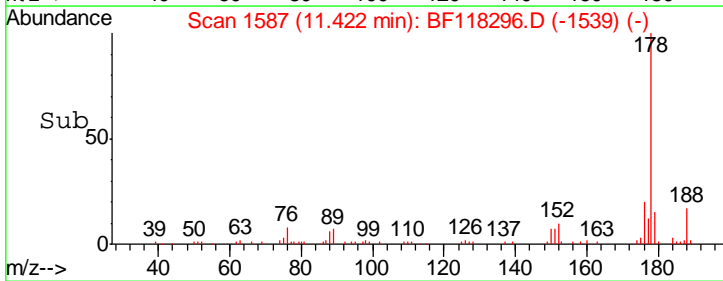
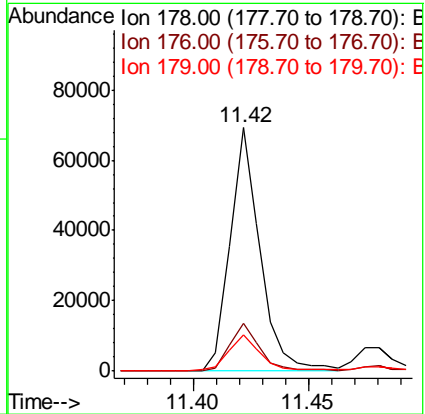
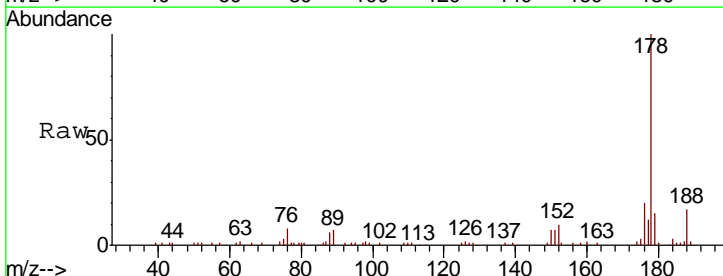
Instrument :
 BNA_F
 ClientSampled :

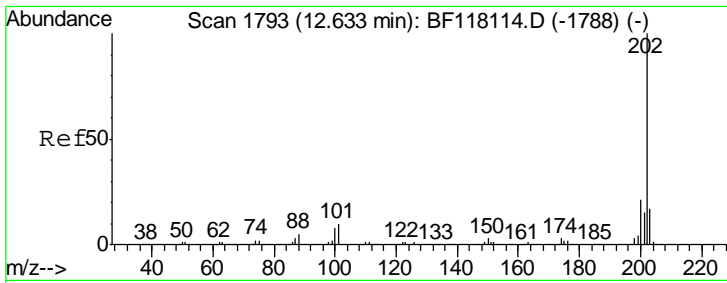
Tgt Ion	Resp	Lower	Upper
248	14229		
250	199.6	78.3	117.5#
141	519.4	52.2	78.4#



#71
 Phenanthrene
 Concen: 3.031 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
178	62545		
176	19.6	15.5	23.3
179	14.8	12.6	18.8

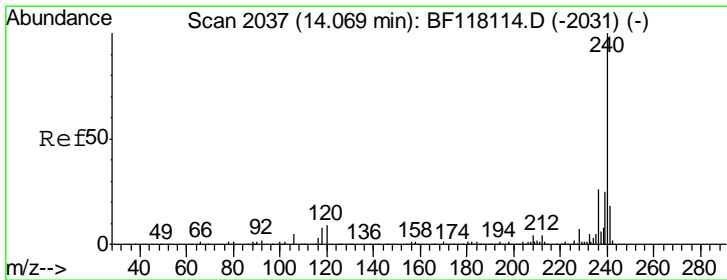
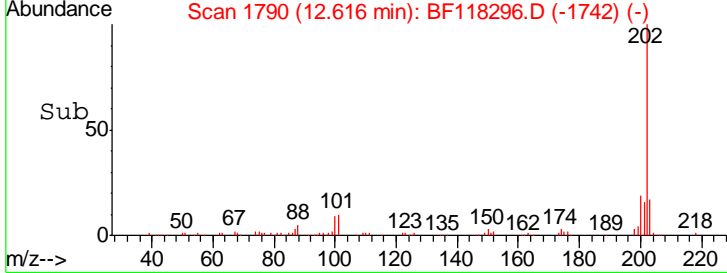
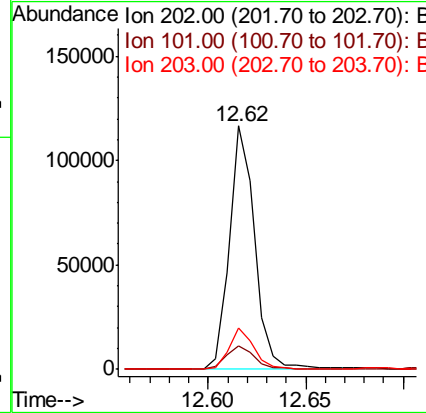
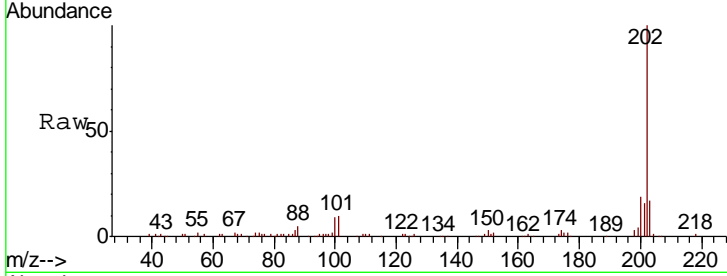




#75
 Fluoranthene
 Concen: 4.976 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

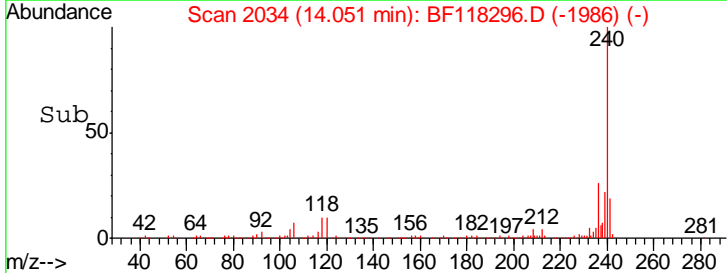
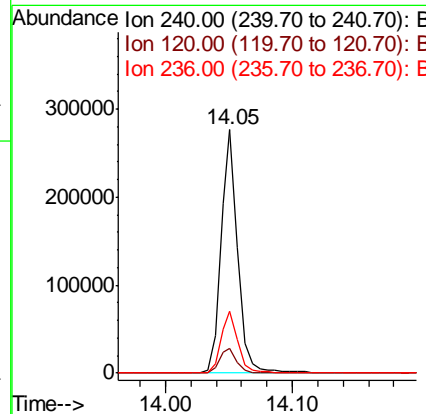
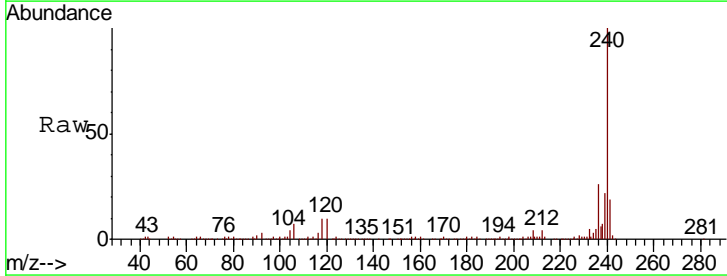
Instrument :
 BNA_F
 ClientSampled :

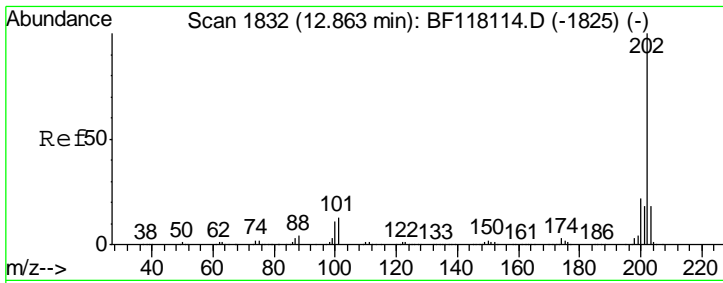
Tgt Ion	Resp	Lower	Upper
202	104962		
101	9.9	0.0	30.4
203	16.9	0.0	37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
240	256400		
120	10.3	7.1	10.7
236	25.5	21.0	31.6

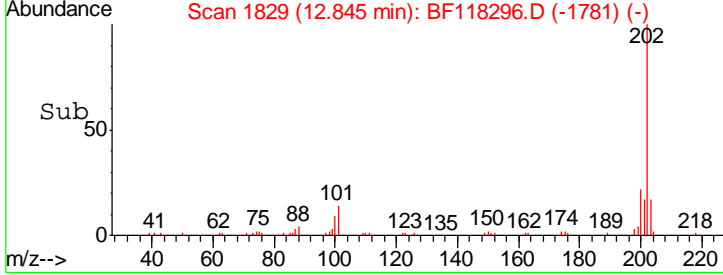
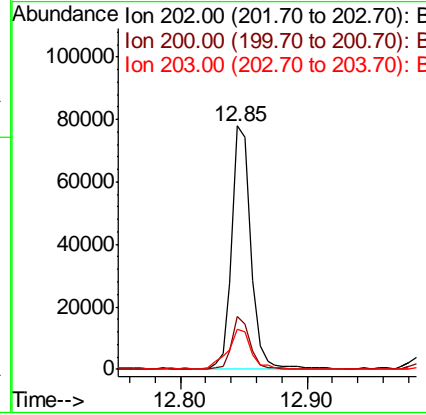
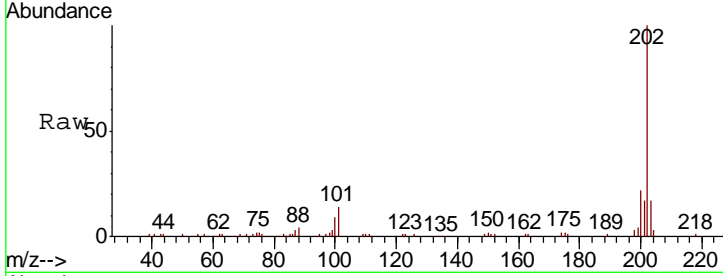




#78
 Pyrene
 Concen: 4.035 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

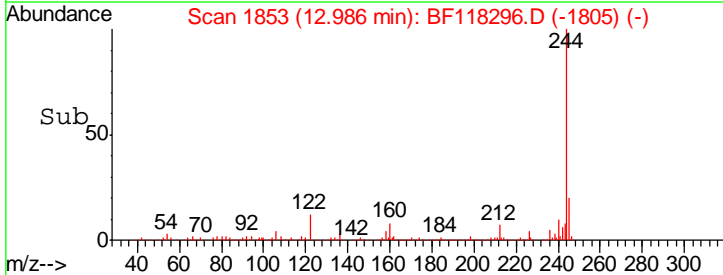
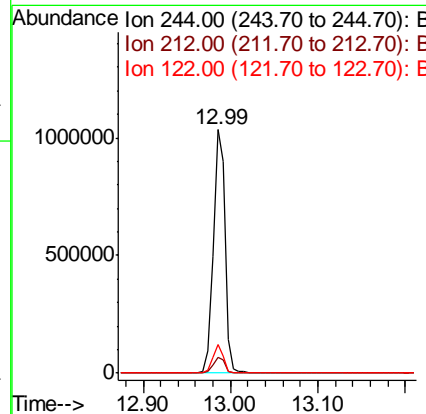
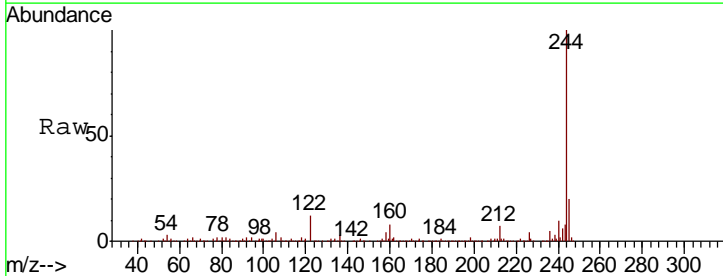
Instrument :
 BNA_F
 ClientSampled :

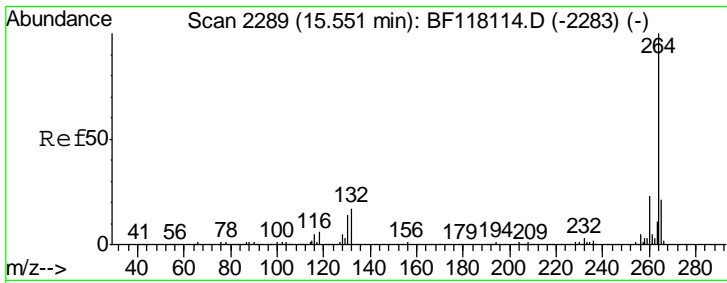
Tgt Ion	Resp	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	16.7	14.6	21.8



#79
 Terphenyl-d14
 Concen: 64.711 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.9	9.0	13.6





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF118296.D
 Acq: 19 Dec 2019 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
268575	264	100		
	260	23.7	18.6	28.0
	265	21.7	16.8	25.2

