

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119238.D
 Acq On : 6 Mar 2020 3:53
 Operator : CG/JU
 Sample : L1792-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 06 09:18:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

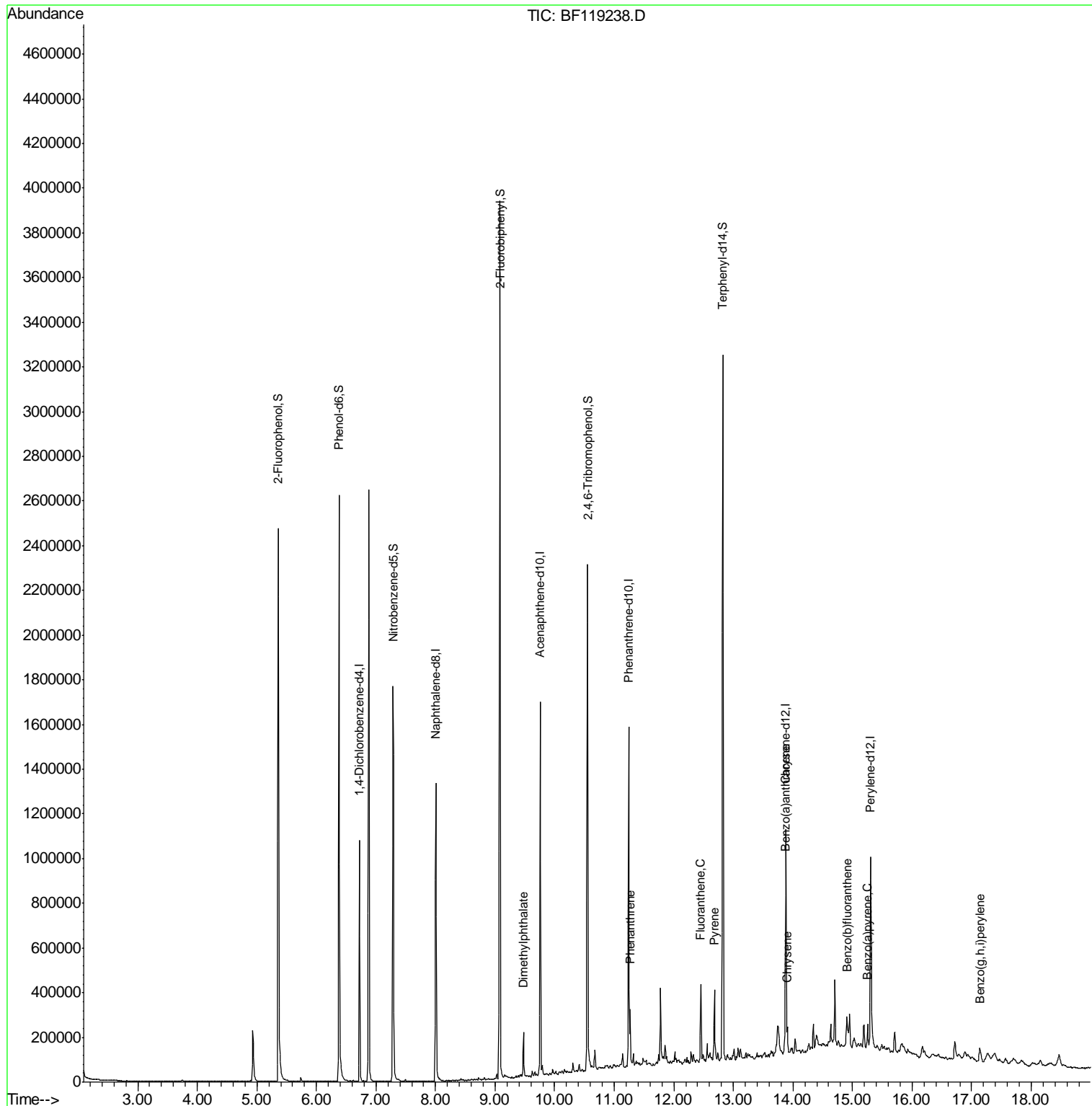
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.72	152	165398	20.00	ng	-0.02	
21) Naphthalene-d8	8.00	136	646769	20.00	ng	-0.03	
39) Acenaphthene-d10	9.76	164	340284	20.00	ng	-0.03	
64) Phenanthrene-d10	11.24	188	565153	20.00	ng	-0.02	
76) Chrysene-d12	13.88	240	313449	20.00	ng	-0.02	
87) Perylene-d12	15.30	264	355137	20.00	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	819692	82.82	ng	-0.01	
7) Phenol-d6	6.38	99	1003375	83.36	ng	-0.02	
23) Nitrobenzene-d5	7.29	82	672840	54.93	ng	-0.04	
42) 2,4,6-Tribromophenol	10.55	330	324361	72.87	ng	-0.02	
45) 2-Fluorobiphenyl	9.08	172	1237656	53.58	ng	-0.03	
79) Terphenyl-d14	12.82	244	1106325	60.77	ng	-0.03	
Target Compounds							
50) Dimethylphthalate	9.47	163	77830	2.991	ng		99
71) Phenanthrene	11.26	178	90521	2.937	ng		98
75) Fluoranthene	12.46	202	152670	4.667	ng		97
78) Pyrene	12.68	202	131852	5.239	ng		97
81) Benzo(a)anthracene	13.87	228	55053	2.578	ng		97
83) Chrysene	13.91	228	47990	2.255	ng		99
88) Benzo(b)fluoranthene	14.90	252	72965m	3.117	ng		
90) Benzo(a)pyrene	15.25	252	50533	2.392	ng		98
92) Benzo(g,h,i)perylene	17.14	276	38296	2.085	ng	#	89

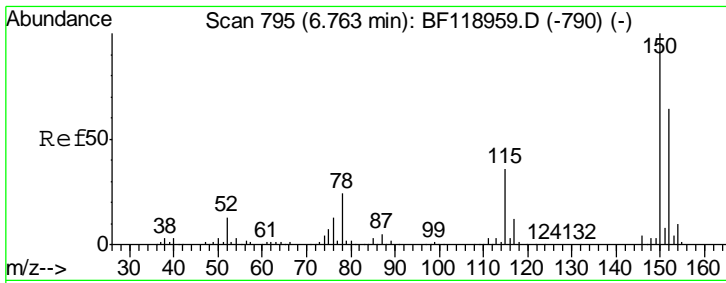
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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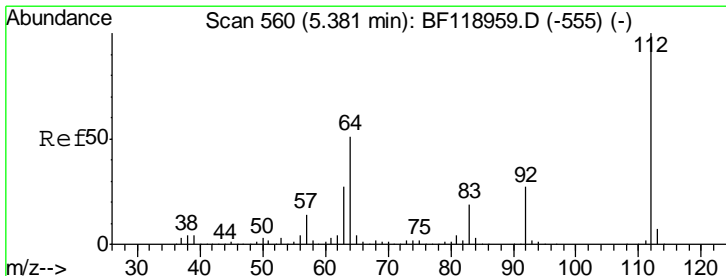
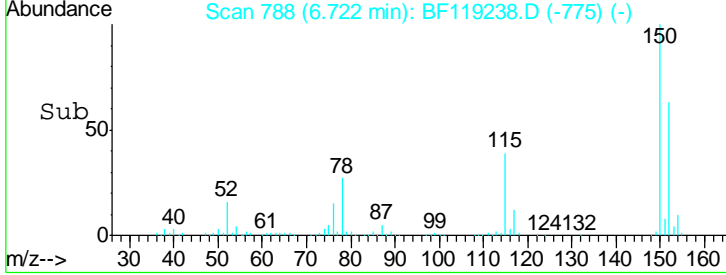
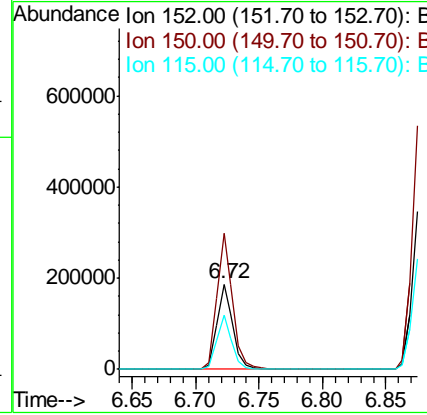
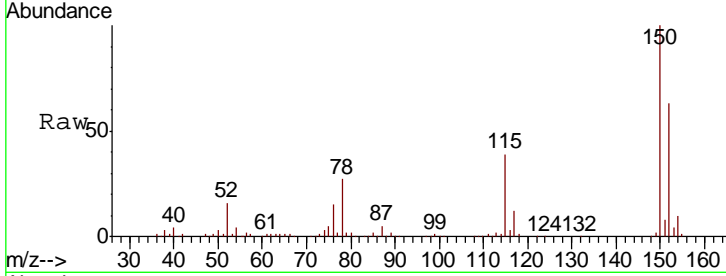




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

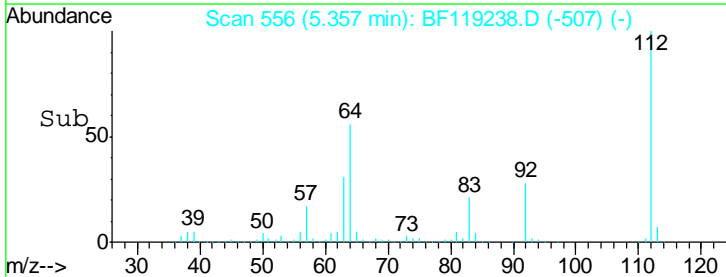
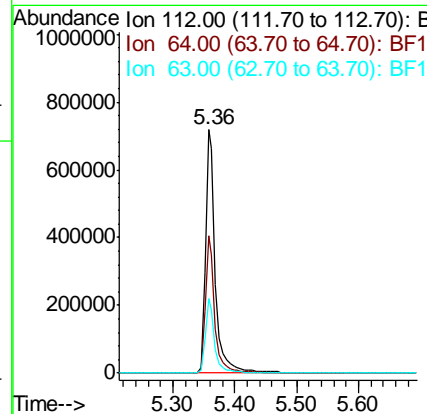
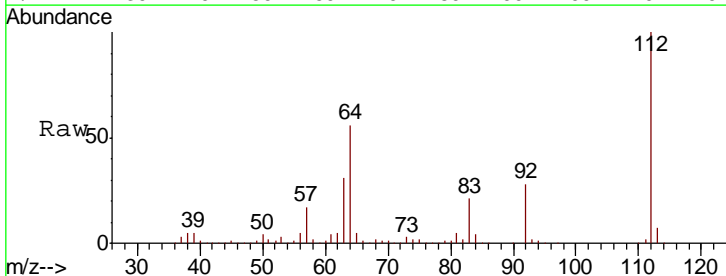
Instrument :
 BNA_F
 ClientSampled :
 TP-5

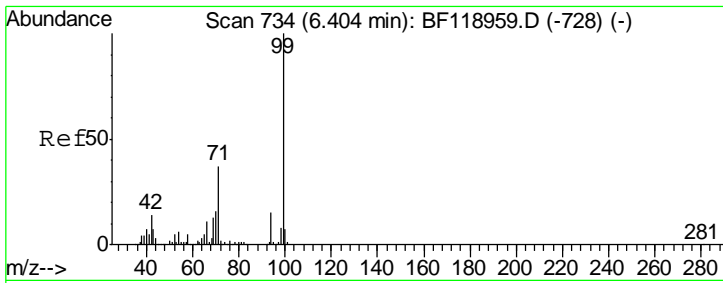
Tgt Ion	Resp	Lower	Upper
152	165398		
150	159.6	123.0	184.6
115	62.9	49.5	74.3



#5
 2-Fluorophenol
 Concen: 82.821 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
112	819692		
64	56.4	45.0	67.4
63	30.6	24.2	36.4

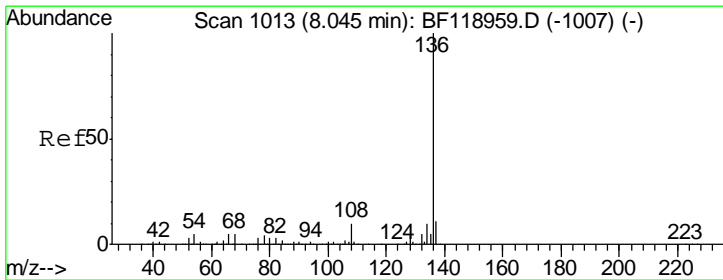
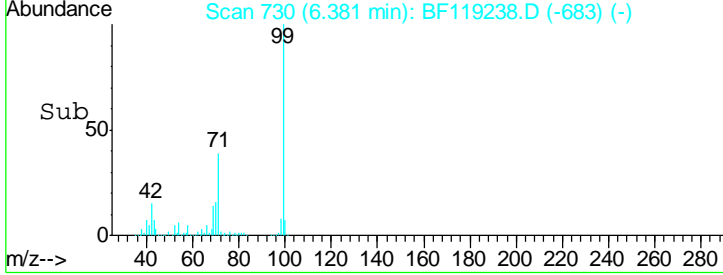
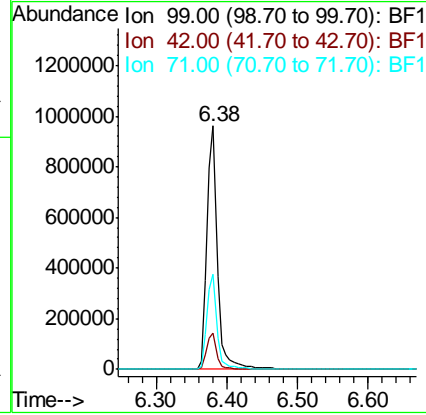
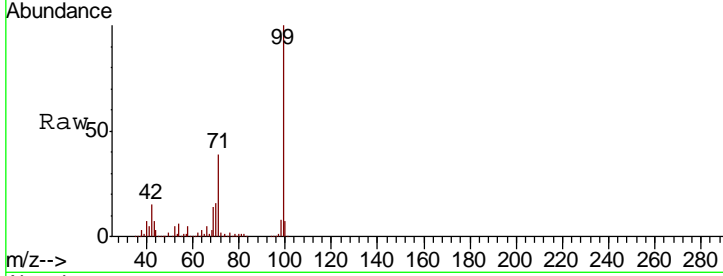




#7
 Phenol-d6
 Concen: 83.360 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

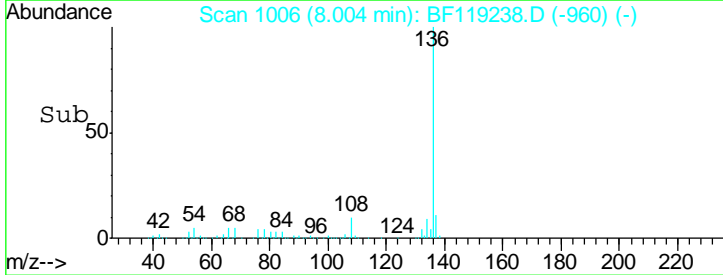
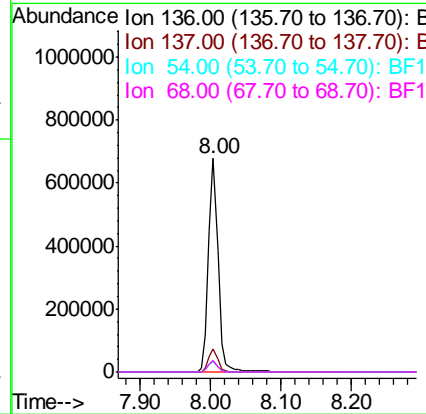
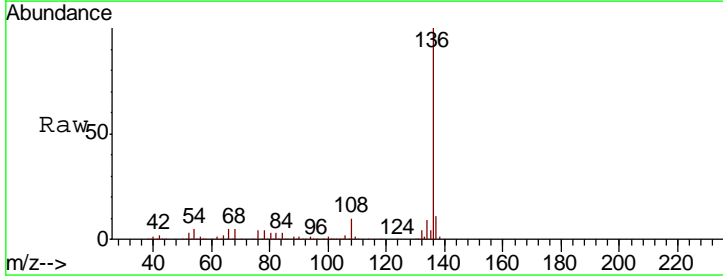
Instrument :
 BNA_F
 ClientSampled :
 TP-5

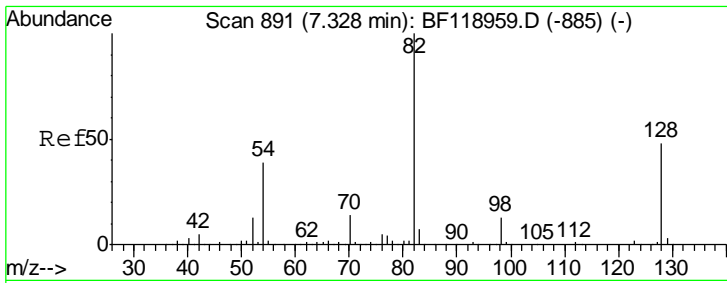
Tgt Ion	Resp	Lower	Upper
99	1003375		
42	15.1	12.6	18.8
71	38.8	31.0	46.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
136	646769		
137	10.8	8.8	13.2
54	5.0	3.8	5.6
68	5.4	3.9	5.9

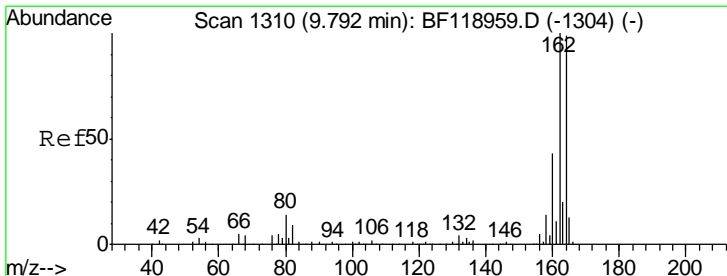
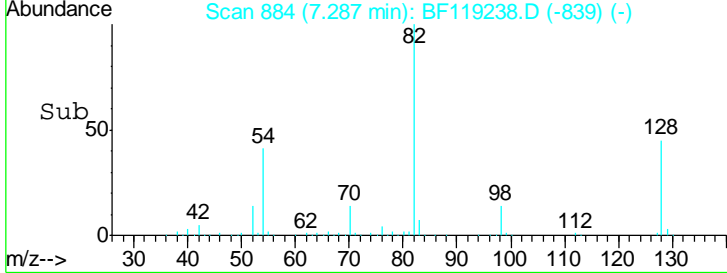
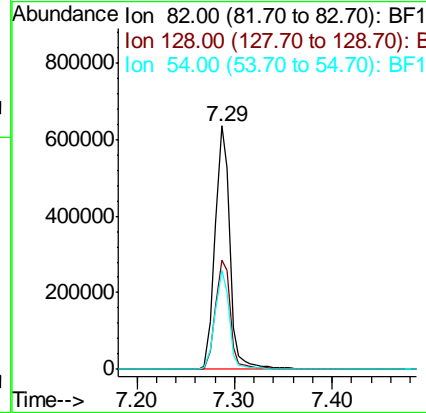
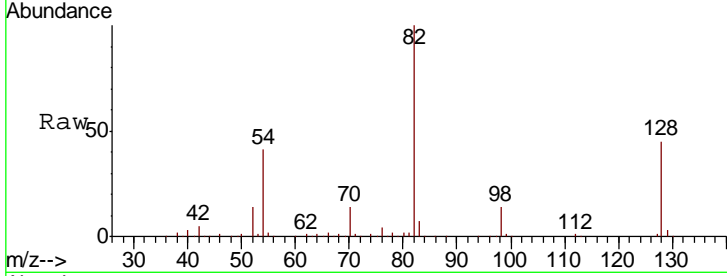




#23
 Nitrobenzene-d5
 Concen: 54.928 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

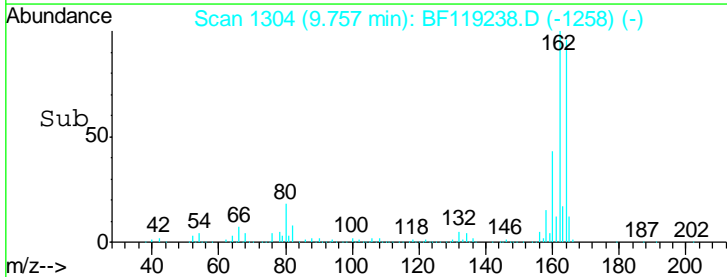
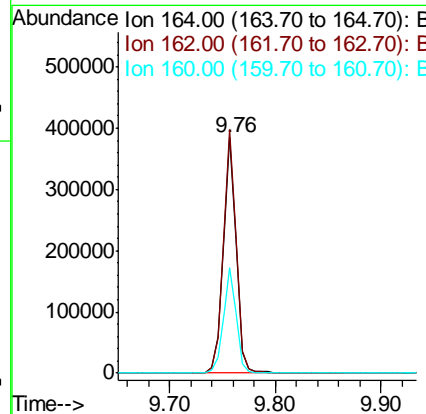
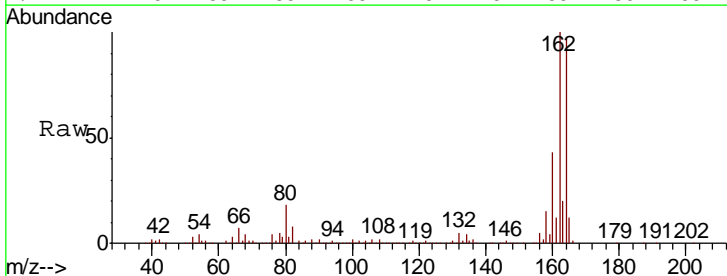
Instrument :
 BNA_F
 ClientSampled :
 TP-5

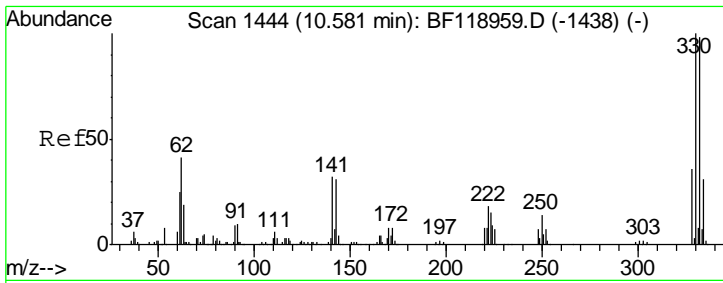
Tgt Ion	Resp	Lower	Upper
82	100		
128	45.1	37.9	56.9
54	40.6	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	44.6	36.0	54.0

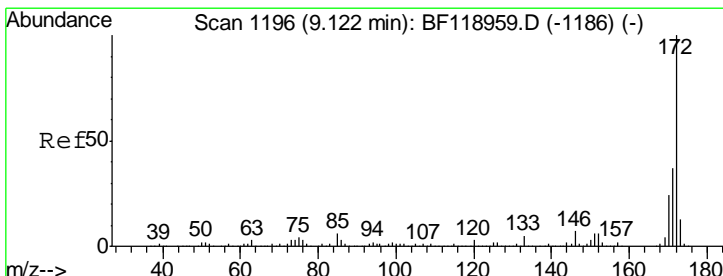
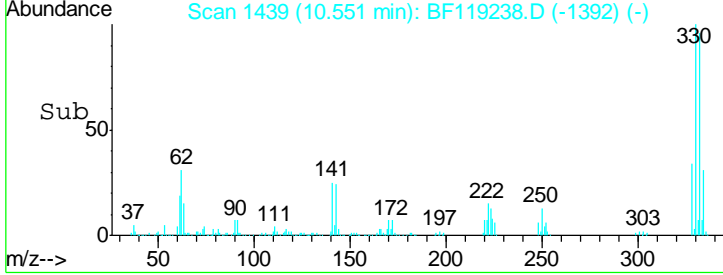
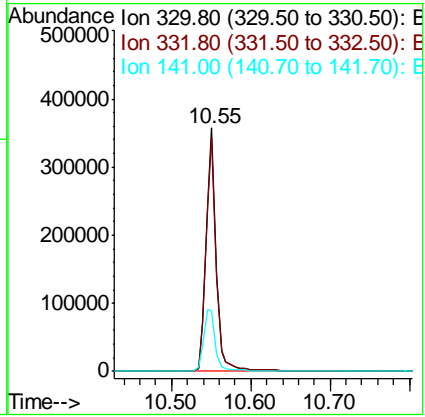
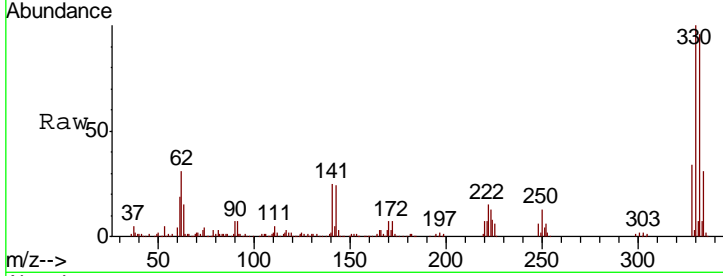




#42
 2,4,6-Tribromophenol
 Concen: 72.866 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

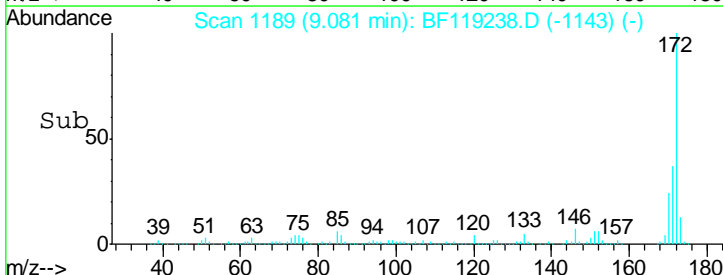
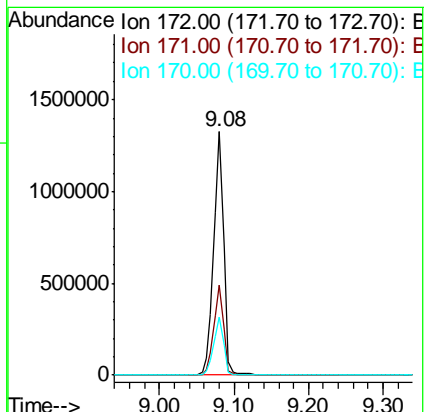
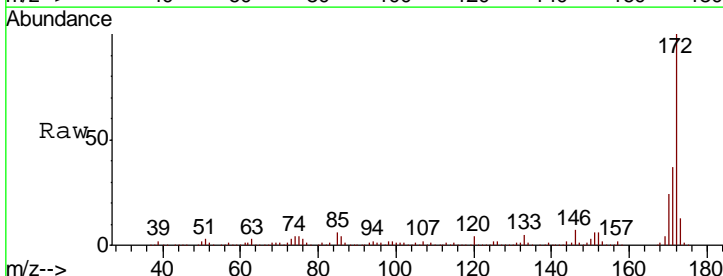
Instrument :
 BNA_F
 ClientSampled :
 TP-5

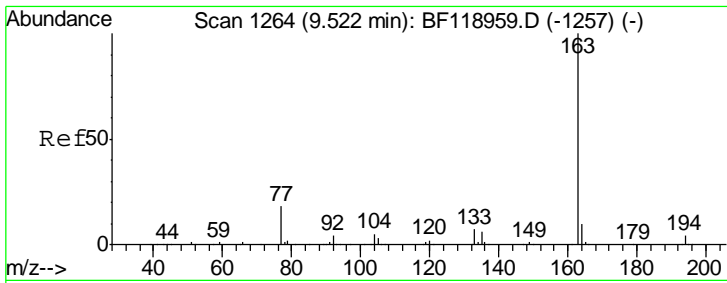
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	30.0	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 53.581 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.9	20.2	30.2



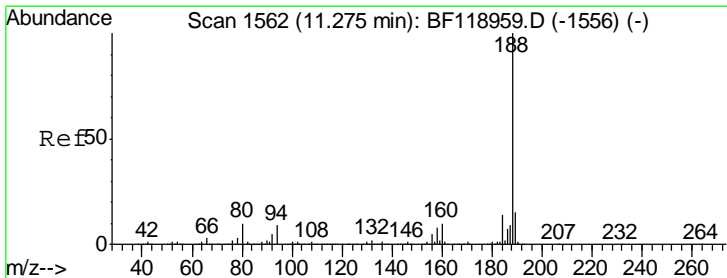
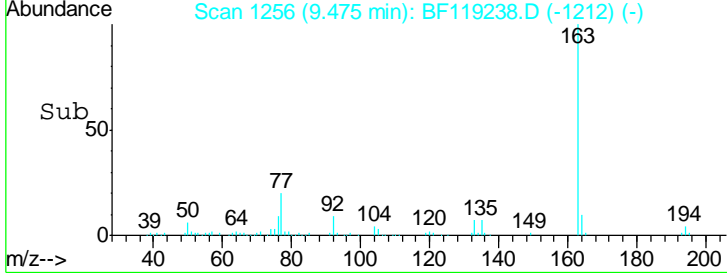
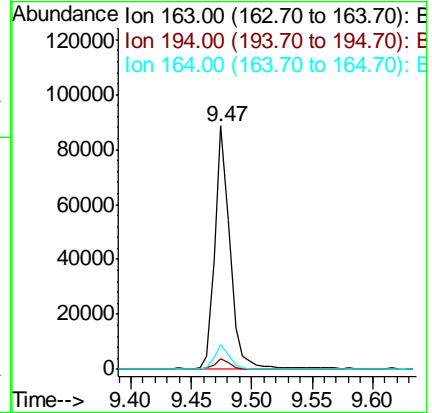
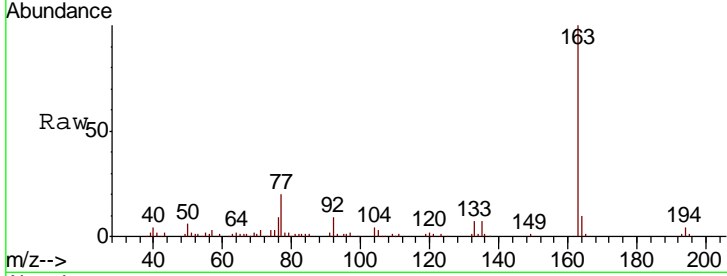


#50
 Dimethylphthalate
 Concen: 2.991 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion: 163 Resp: 77830

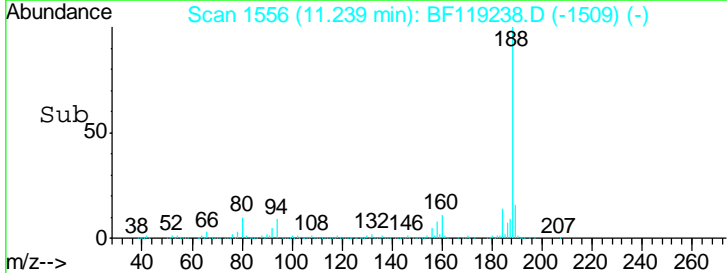
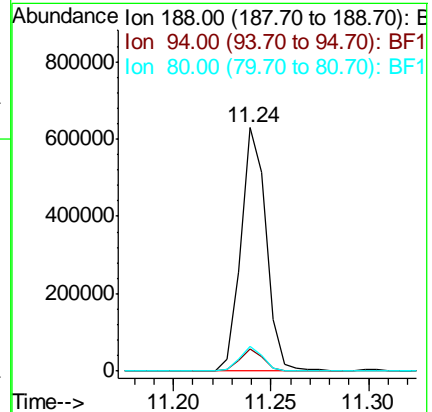
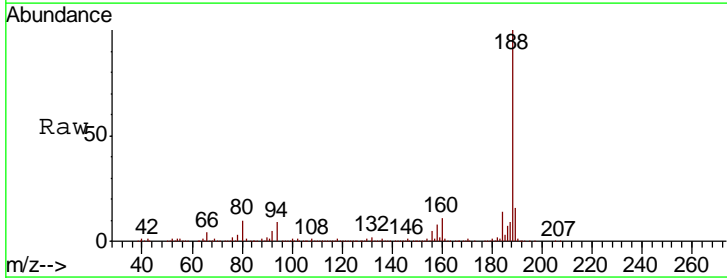
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.4	12.6

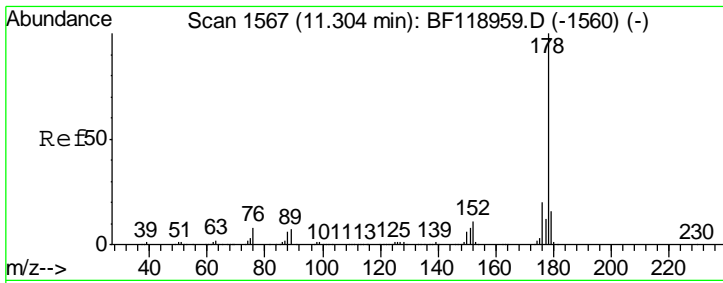


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion: 188 Resp: 565153

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	10.1	7.8	11.8

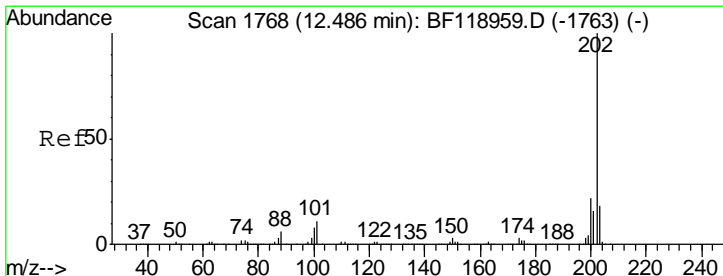
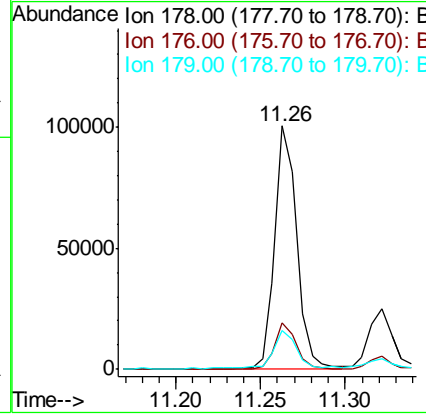
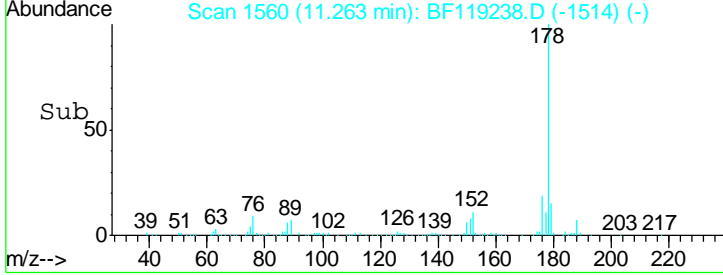
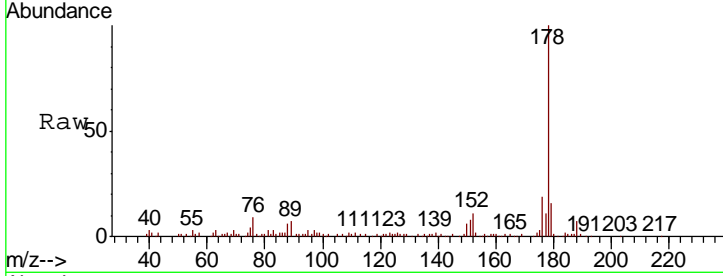




#71
 Phenanthrene
 Concen: 2.937 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

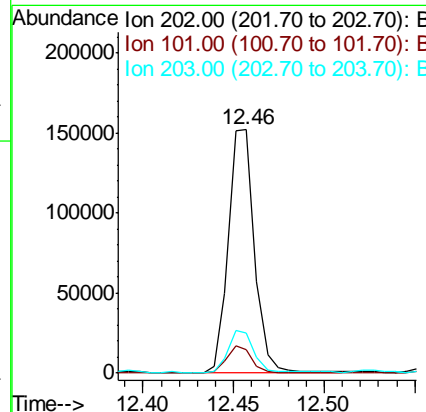
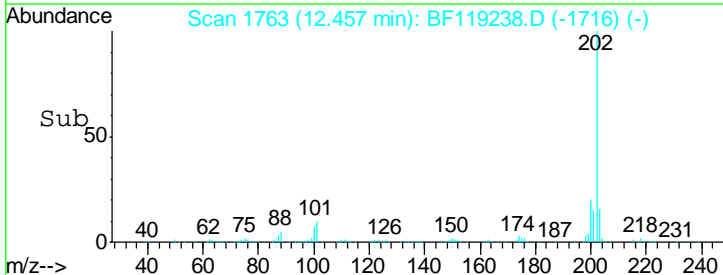
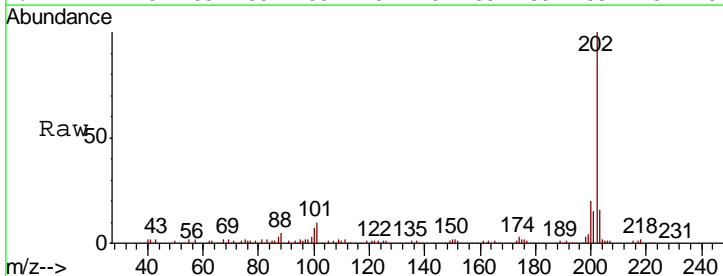
Instrument :
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 TP-5

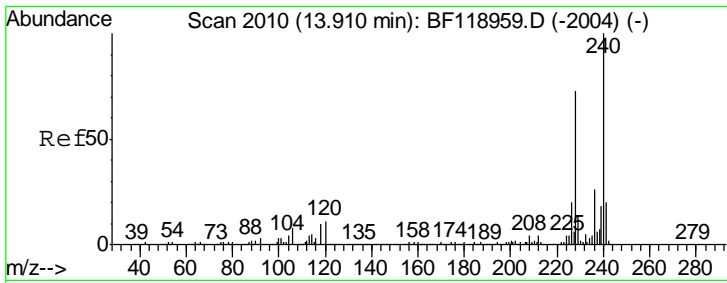
Tgt Ion	Resp	Lower	Upper
178	90521		
176	19.1	16.5	24.7
179	15.8	13.0	19.6



#75
 Fluoranthene
 Concen: 4.667 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
202	152670		
101	9.6	0.0	30.3
203	16.5	0.0	38.4

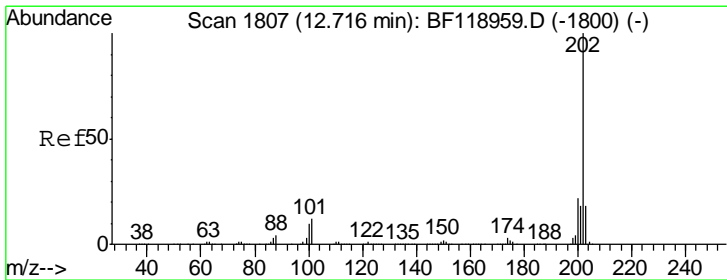
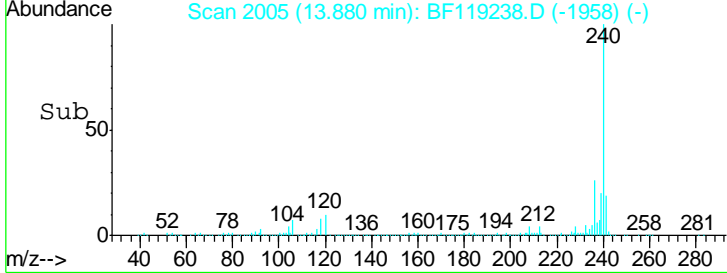
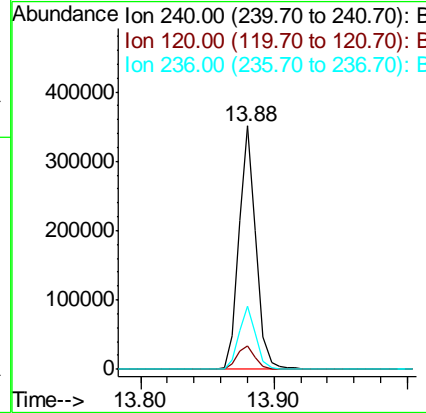
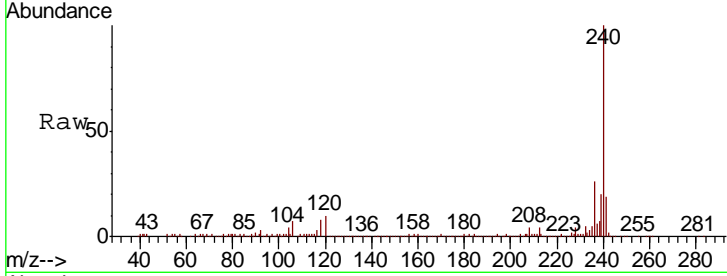




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

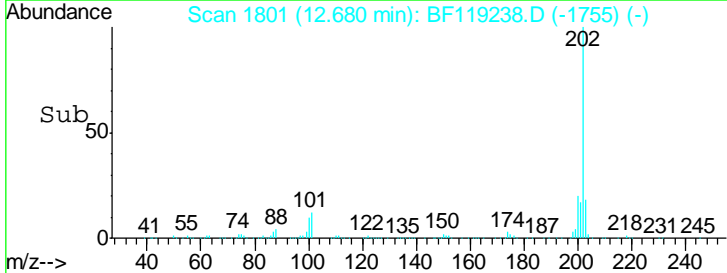
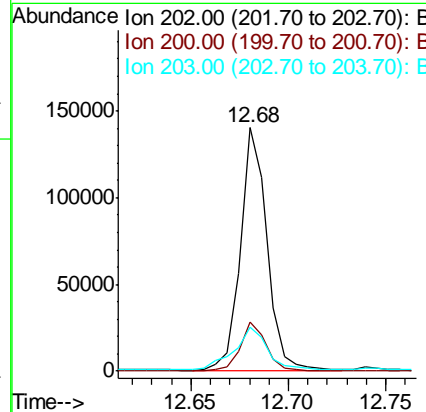
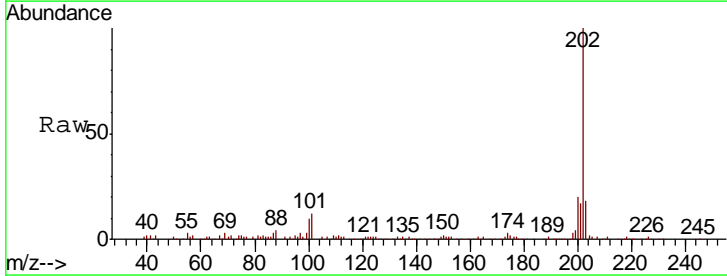
Instrument :
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 TP-5

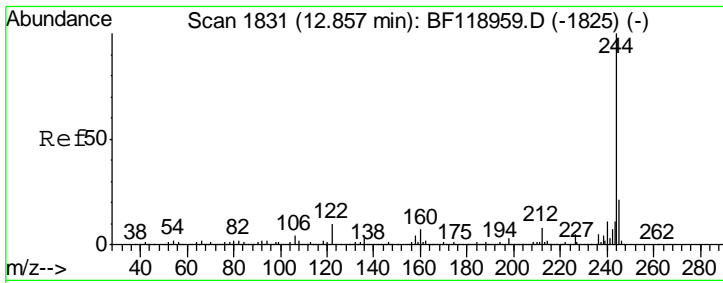
Tgt Ion	Resp	Lower	Upper
240	313449		
120	9.9	8.4	12.6
236	26.1	21.0	31.4



#78
 Pyrene
 Concen: 5.239 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
202	131852		
200	20.2	18.0	27.0
203	18.1	14.6	22.0



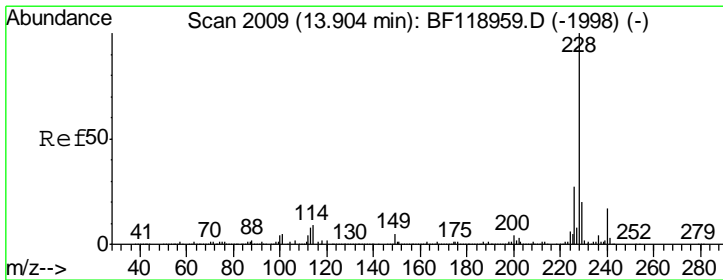
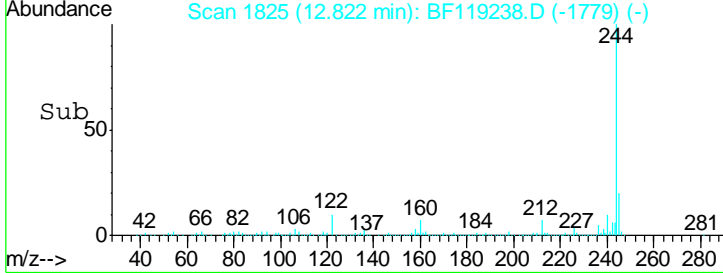
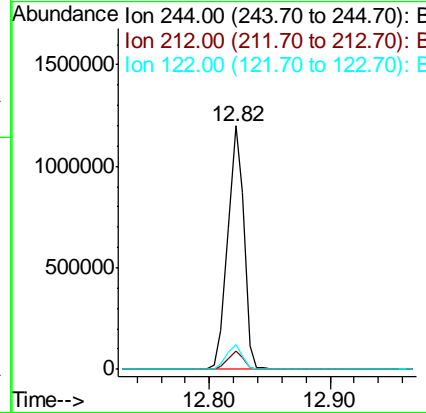
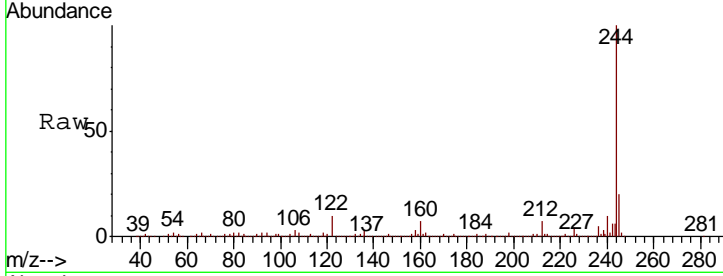


#79
 Terphenyl-d14
 Concen: 60.767 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion: 244 Resp: 1106325

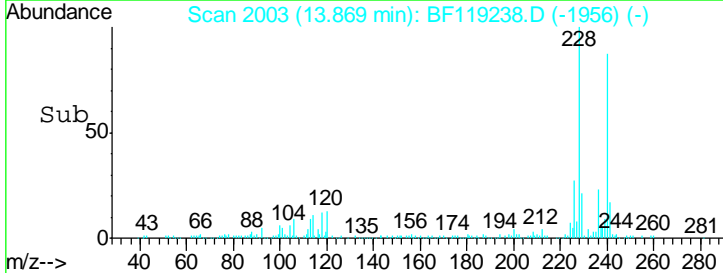
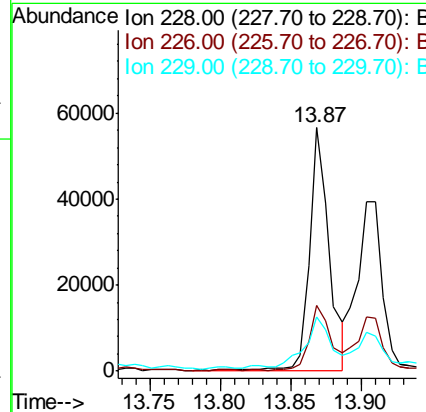
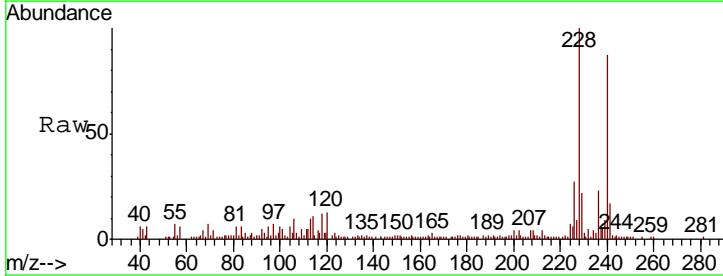
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.2	8.2	12.2

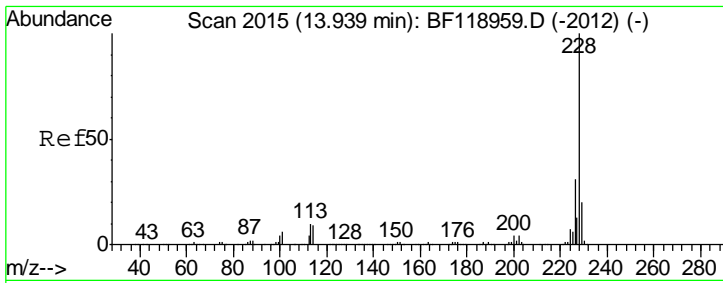


#81
 Benzo(a)anthracene
 Concen: 2.578 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion: 228 Resp: 55053

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	22.2	16.6	24.8

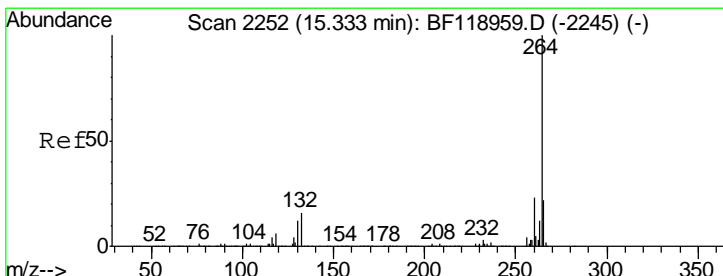
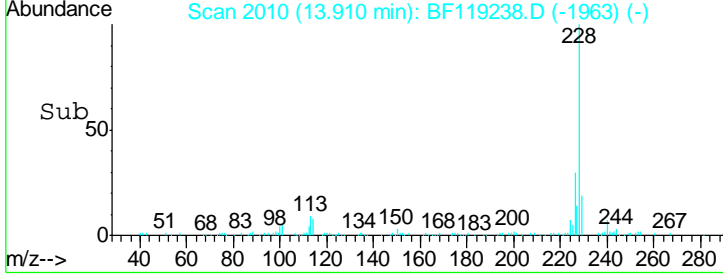
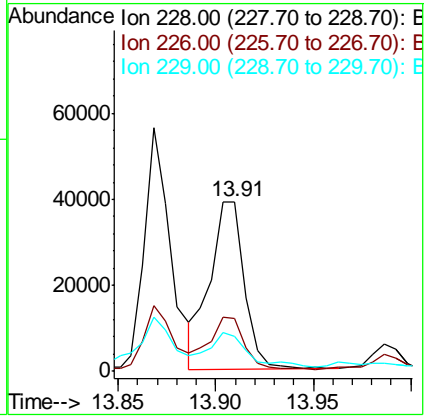
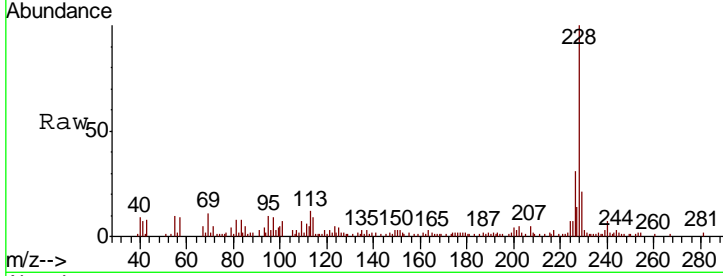




#83
 Chrysene
 Concen: 2.255 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

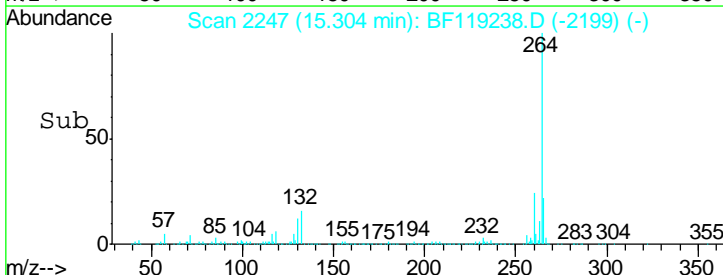
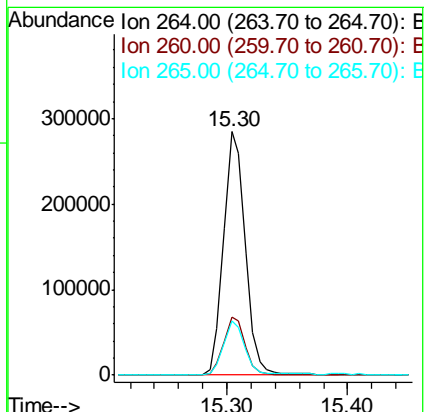
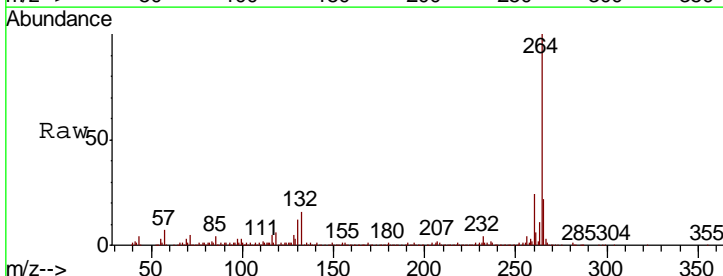
Instrument :
 BNA_F
 ClientSampled :
 TP-5

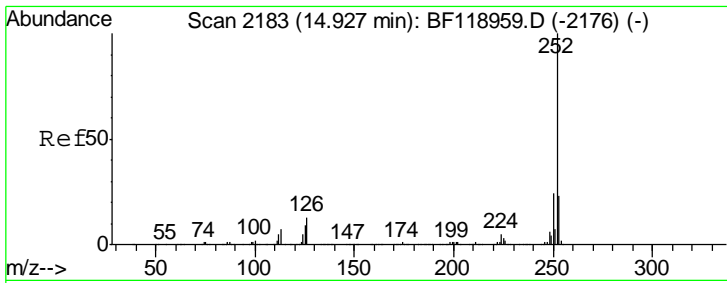
Tgt Ion	Resp	Lower	Upper
228	47990		
226	31.1	25.1	37.7
229	20.9	16.3	24.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
264	355137		
260	23.7	19.4	29.2
265	22.0	17.7	26.5

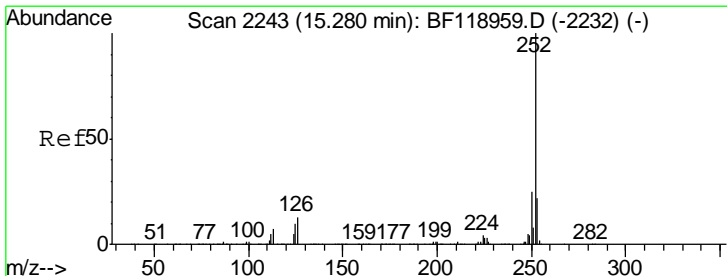
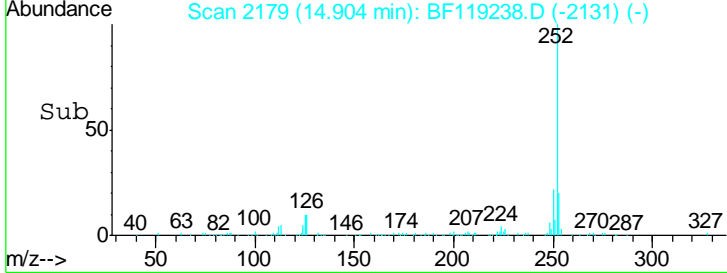
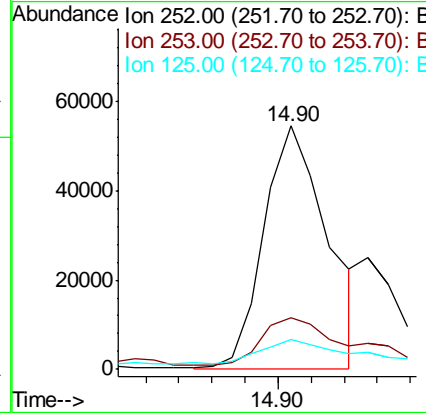
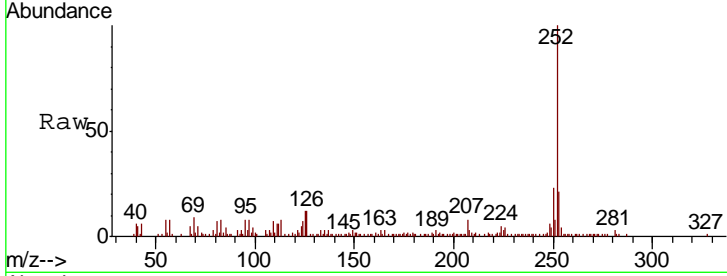




#88
 Benzo(b)fluoranthene
 Concen: 3.117 ng m
 RT: 14.90 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

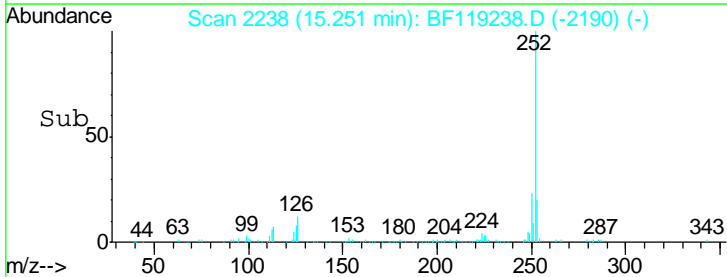
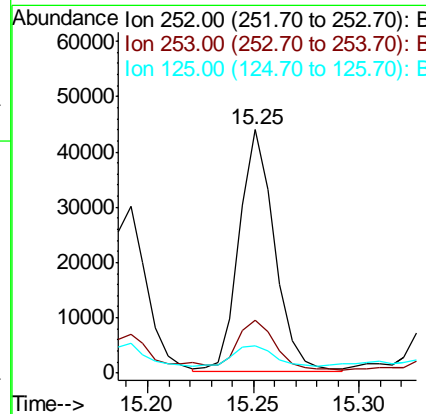
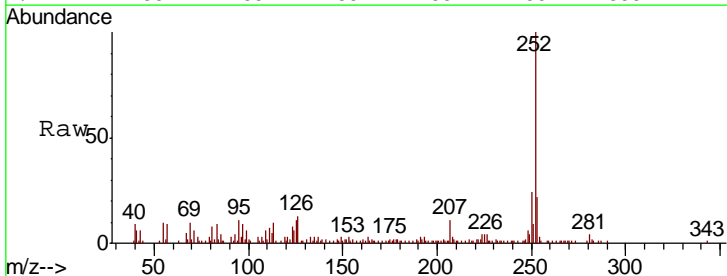
Instrument :
 BNA_F
 ClientSampled :
 TP-5

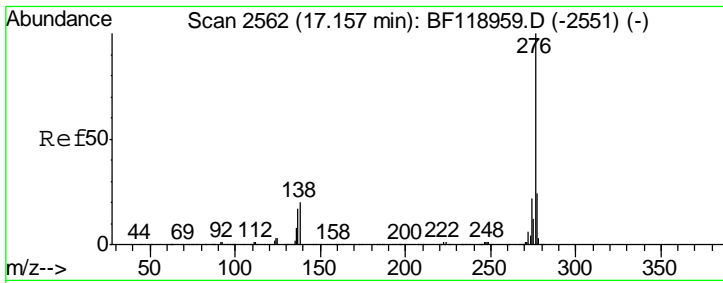
Tgt Ion	Resp	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.2	7.4	11.0



#90
 Benzo(a)pyrene
 Concen: 2.392 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.4	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.085 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.02 min
 Lab File: BF119238.D
 Acq: 6 Mar 2020 3:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.7	28.1
138	23.4	14.3	21.5#

