

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119436.D
 Acq On : 19 Mar 2020 1:18
 Operator : CG/JU
 Sample : L1943-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J+B-2A

Quant Time: Mar 19 07:53:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	369065	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1362789	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	647137	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1093831	20.00	ng	0.00
76) Chrysene-d12	14.03	240	637071	20.00	ng	0.00
87) Perylene-d12	15.50	264	683979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2223007	95.89	ng	0.01
7) Phenol-d6	6.47	99	2793068	94.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	1724105	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	617570	92.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2918172	66.80	ng	0.00
79) Terphenyl-d14	12.97	244	2440232	75.05	ng	0.00

Target Compounds

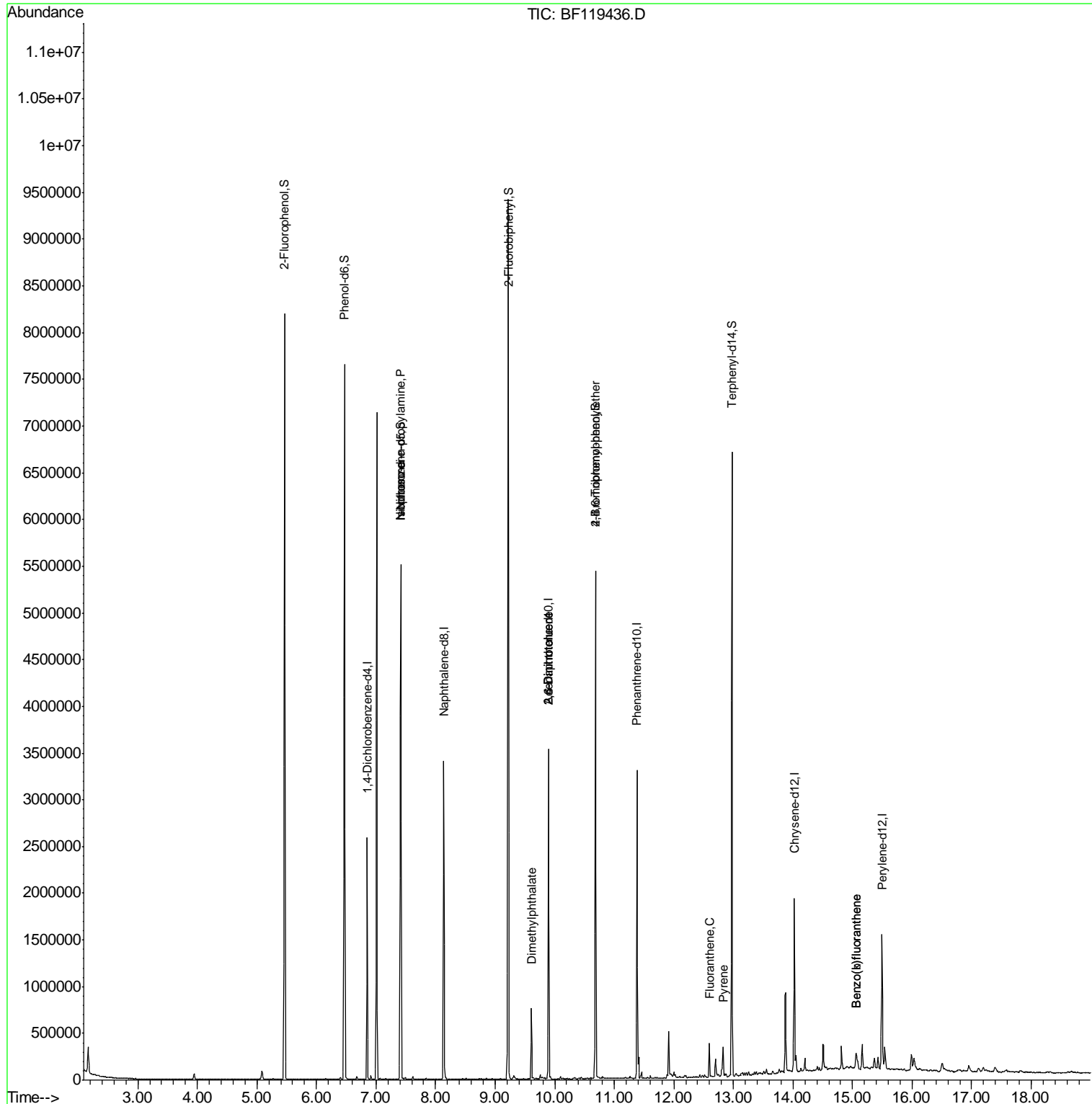
						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	229896	12.88	ng	# 75
25) Isophorone	7.42	82	1723137	33.88	ng	# 66
50) Dimethylphthalate	9.61	163	258516	5.62	ng	99
51) 2,6-Dinitrotoluene	9.90	165	82173	8.34	ng	# 18
57) 2,4-Dinitrotoluene	9.90	165	82173	6.62	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	38252	3.07	ng	# 1
75) Fluoranthene	12.60	202	141784	2.31	ng	97
78) Pyrene	12.83	202	133665	2.56	ng	98
88) Benzo(b)fluoranthene	15.06	252	124646	2.73	ng	# 96
89) Benzo(k)fluoranthene	15.06	252	124646	2.87	ng	# 96

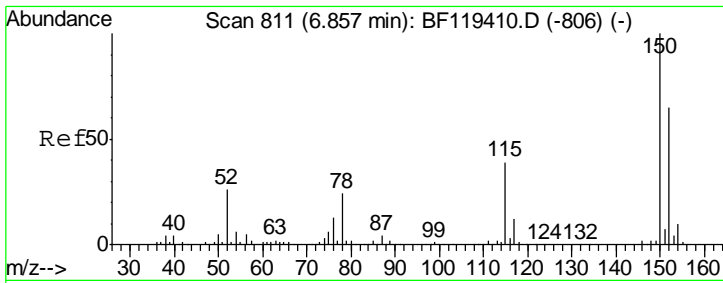
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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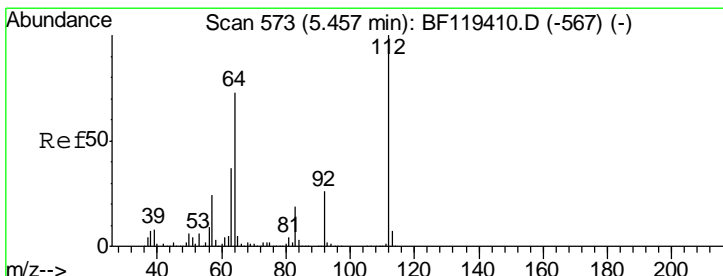
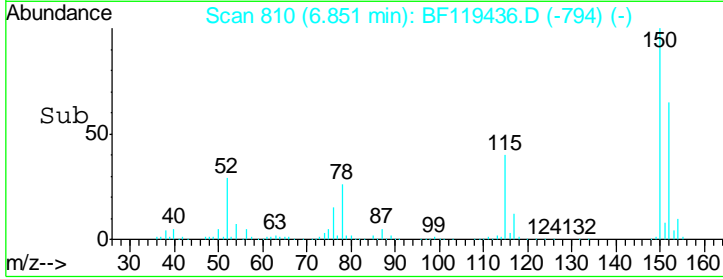
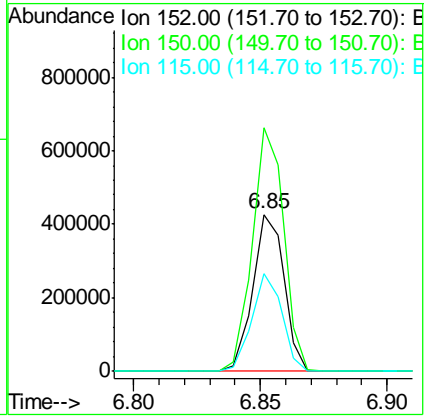
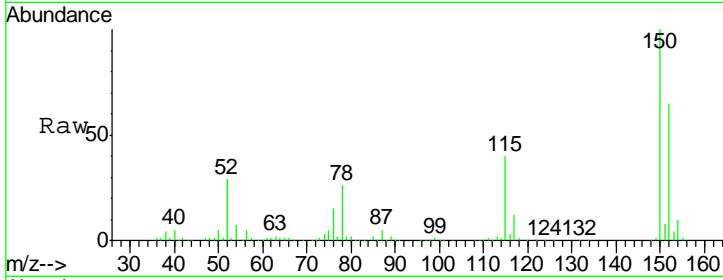




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

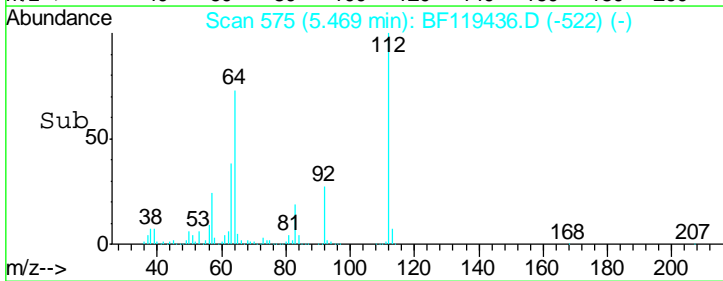
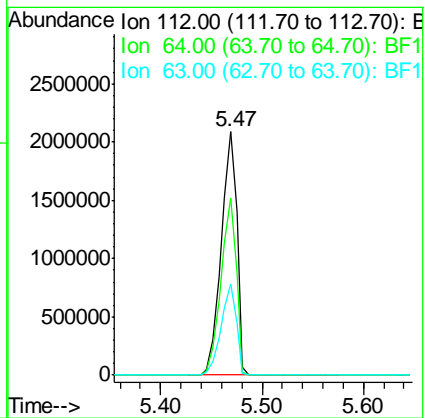
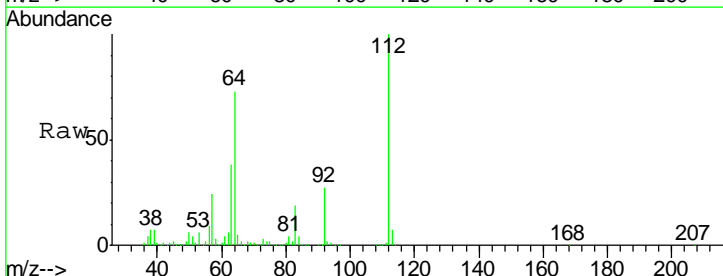
Instrument :
 BNA_F
ClientSampled :
 J+B-2A

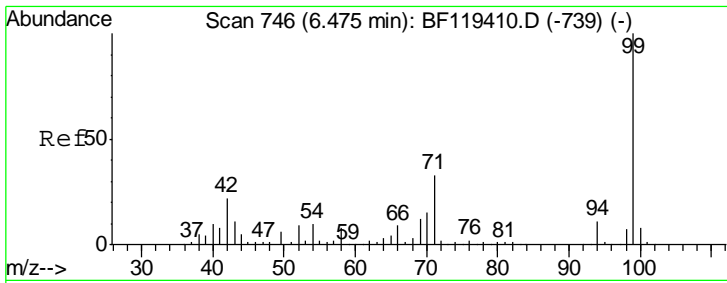
Tgt Ion	Resp	Lower	Upper
152	369065		
152	100		
150	155.0	123.9	185.9
115	62.1	47.8	71.6



#5
 2-Fluorophenol
 Concen: 95.89 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
112	2223007		
112	100		
64	72.8	58.1	87.1
63	37.7	29.7	44.5



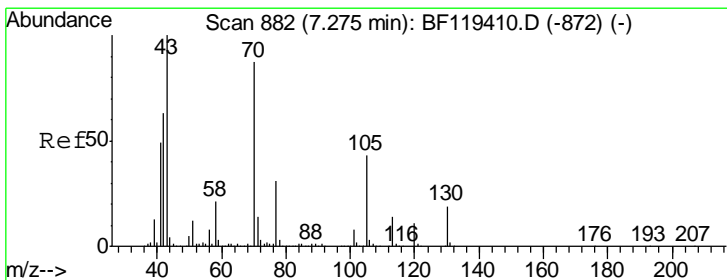
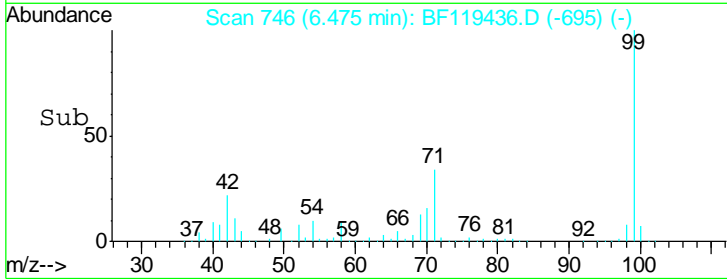
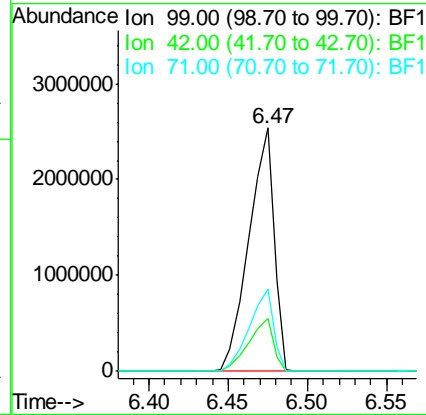
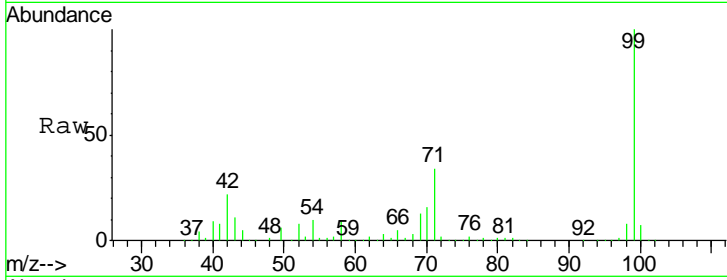


#7
 Phenol-d6
 Concen: 94.31 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

Tgt Ion: 99 Resp: 2793068

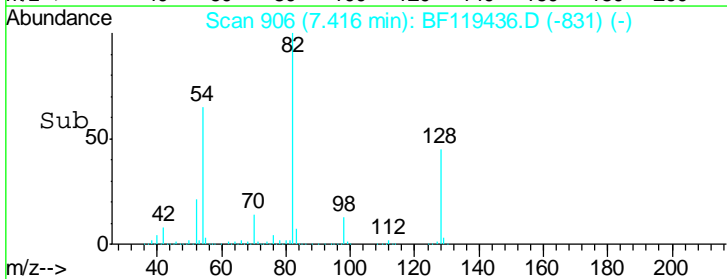
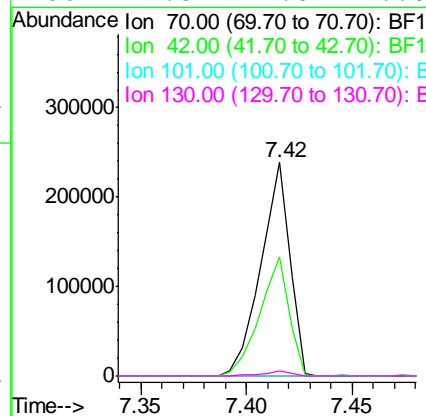
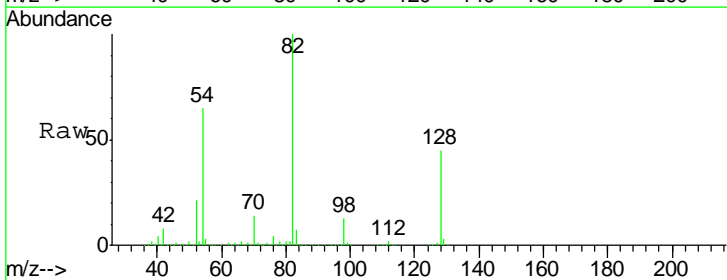
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.8	26.6
71	33.6	26.0	39.0

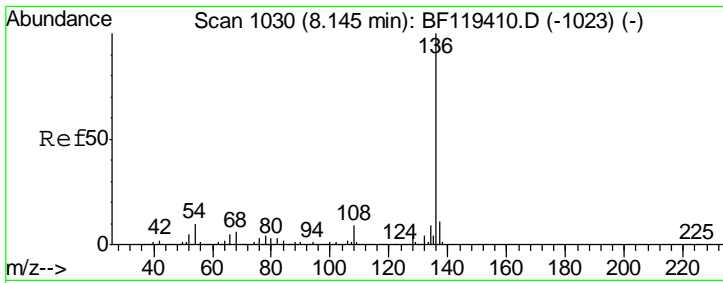


#19
 n-Nitroso-di-n-propylamine
 Concen: 12.88 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.14 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion: 70 Resp: 229896

Ion	Ratio	Lower	Upper
70	100		
42	55.7	58.2	87.4#
101	0.0	7.4	11.2#
130	2.5	17.8	26.8#



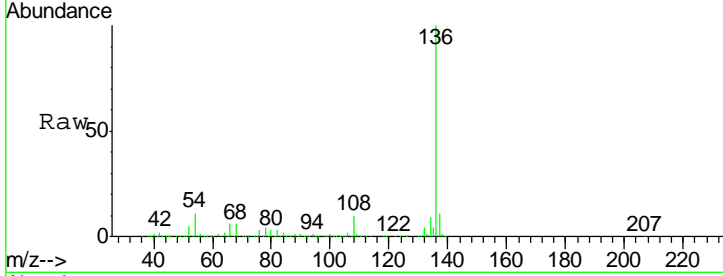


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

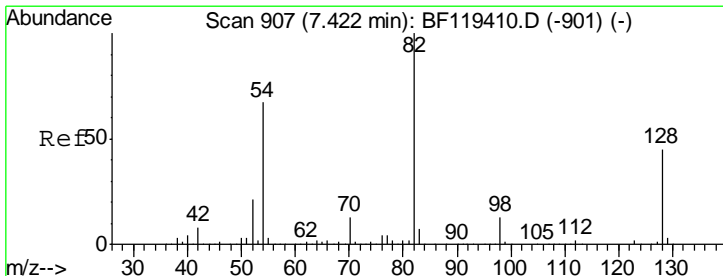
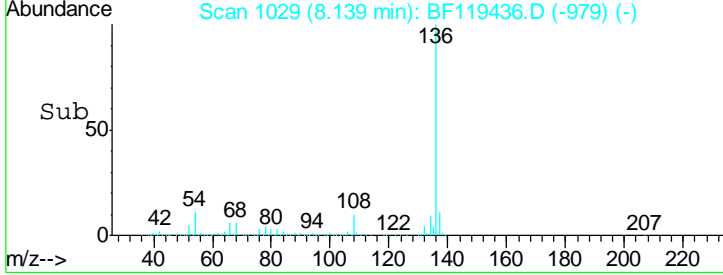
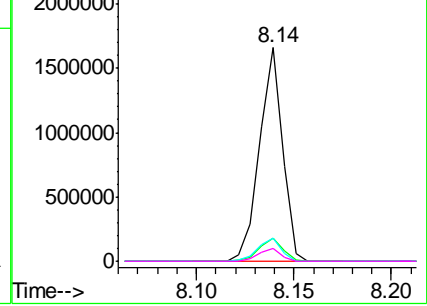
Instrument :
 BNA_F
ClientSampled :
 J+B-2A

Tgt Ion: 136 Resp: 1362789

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.0	8.3	12.5
68	6.1	4.9	7.3



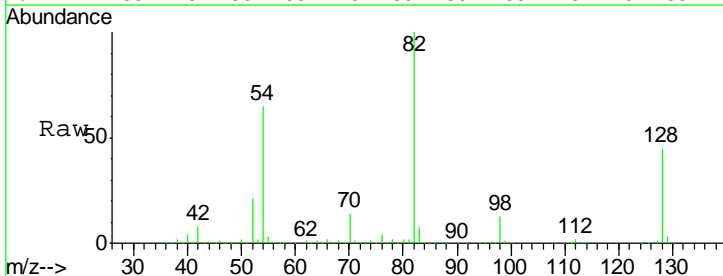
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1



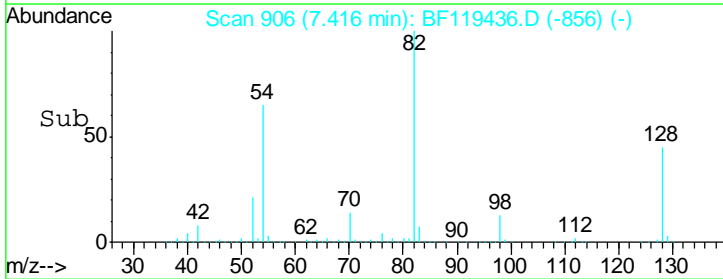
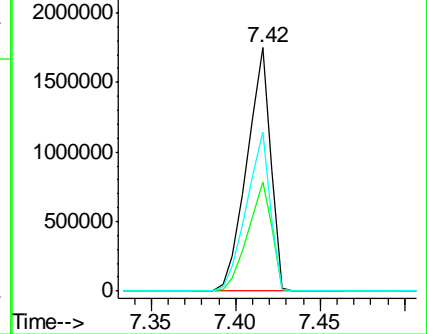
#23
 Nitrobenzene-d5
 Concen: 68.76 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

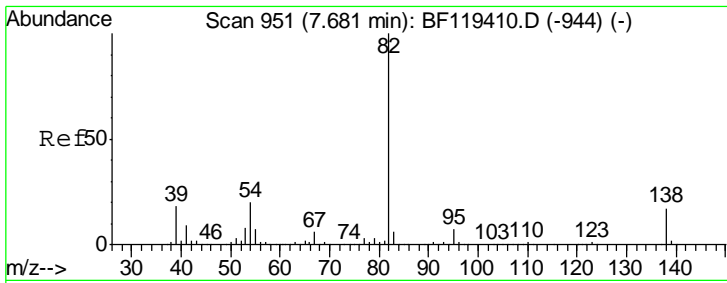
Tgt Ion: 82 Resp: 1724105

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.8
54	65.3	53.4	80.0



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

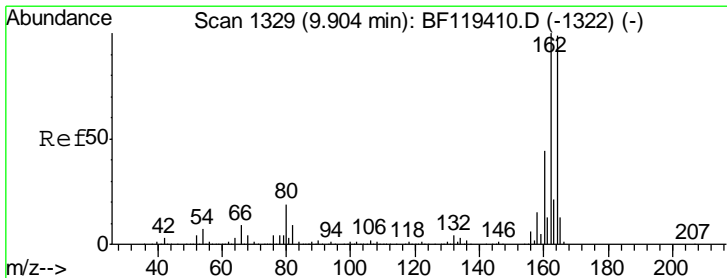
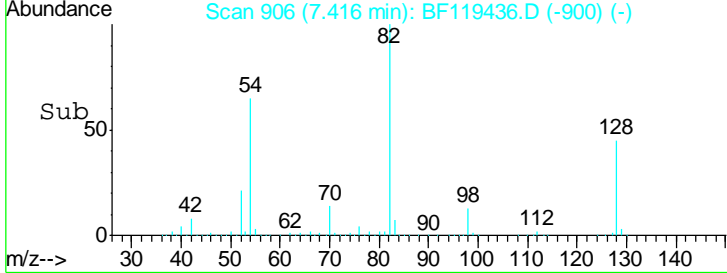
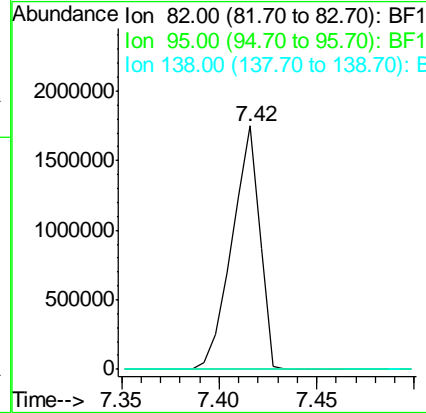
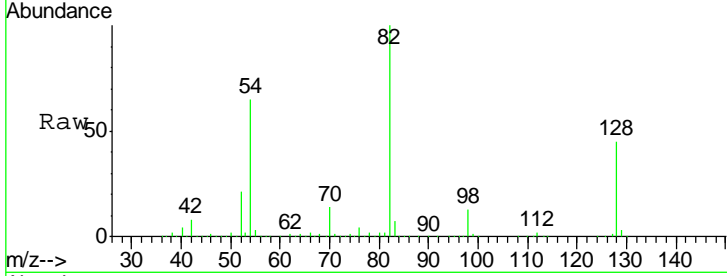




#25
 Isophorone
 Concen: 33.88 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

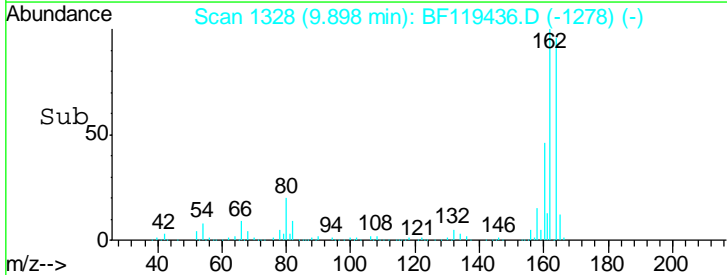
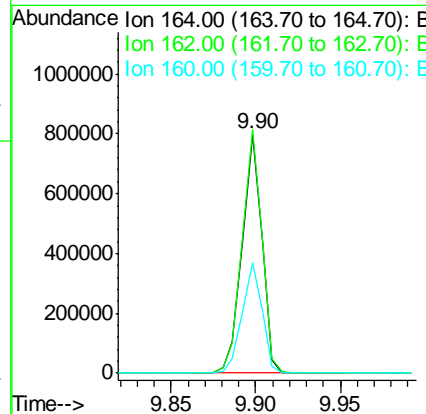
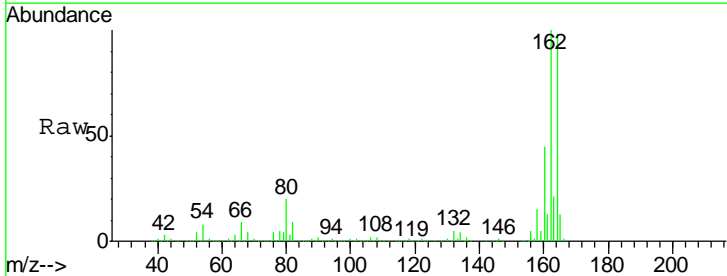
Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

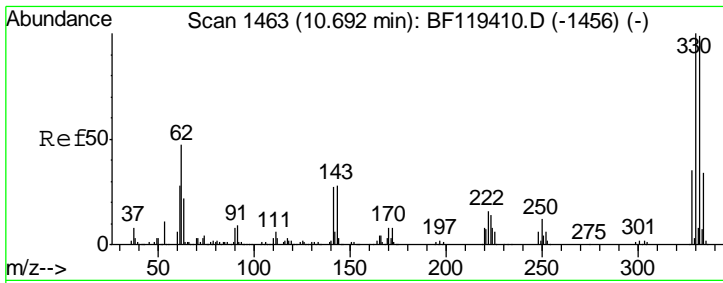
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.8	20.8#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	46.3	35.5	53.3

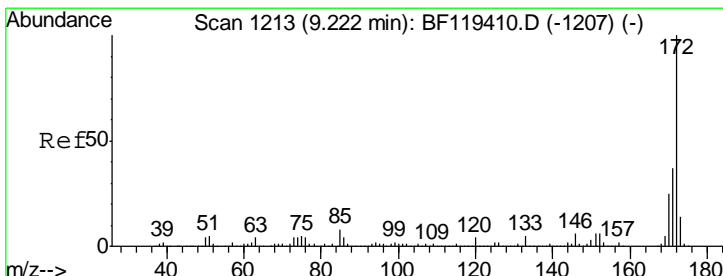
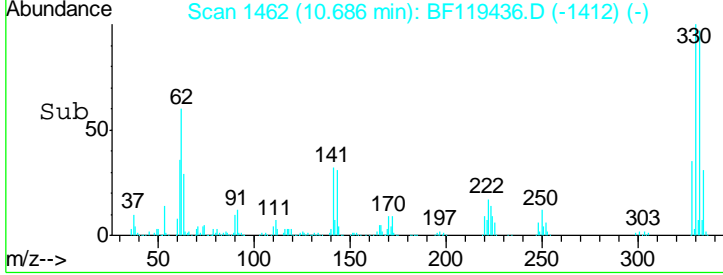
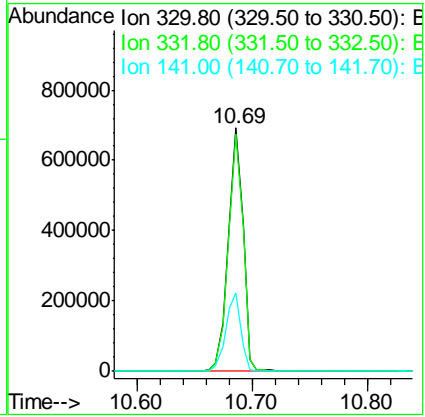
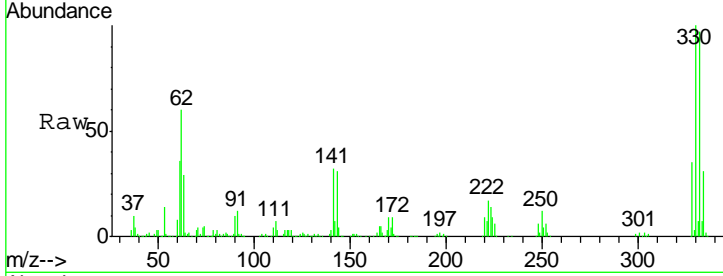




#42
 2,4,6-Tribromophenol
 Concen: 92.50 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

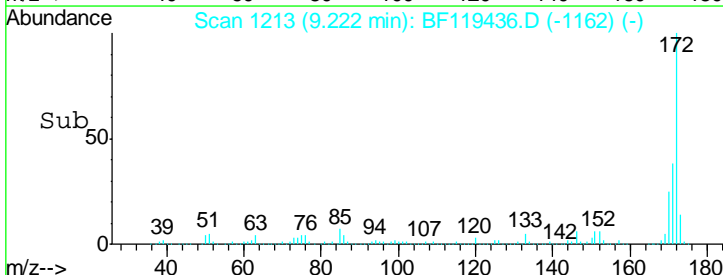
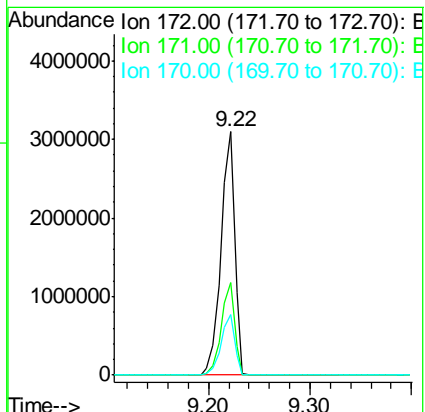
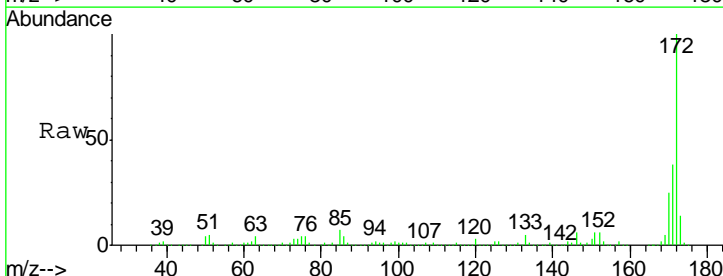
Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

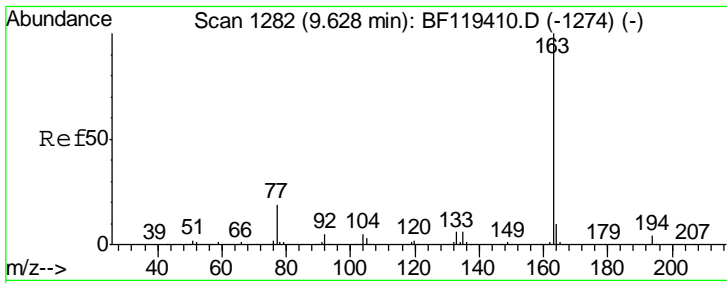
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.3	77.6	116.4
141	32.7	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 66.80 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	25.1	20.1	30.1

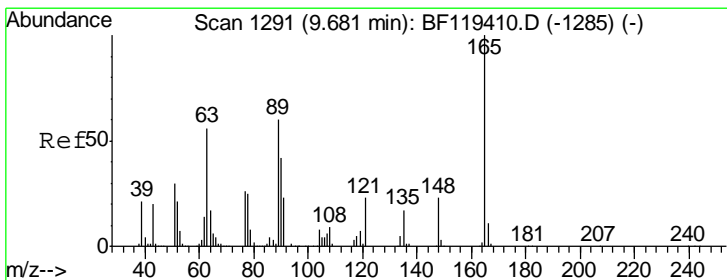
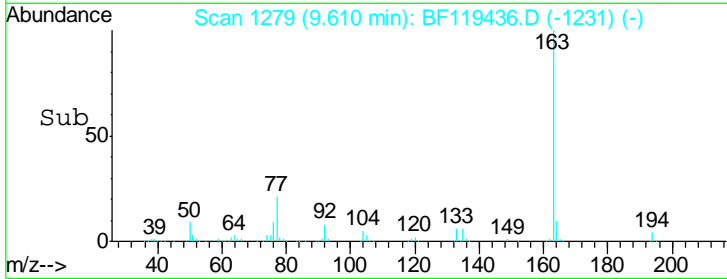
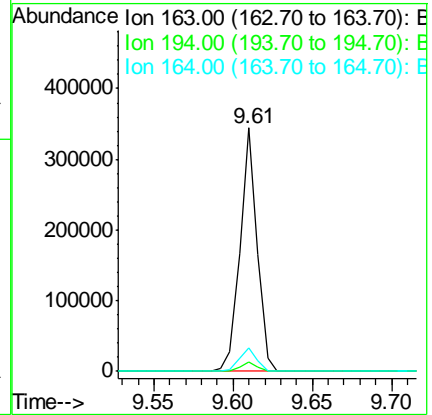
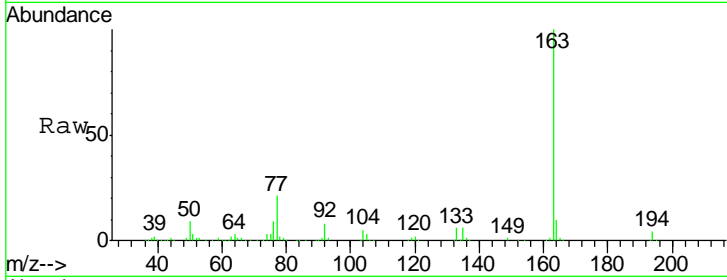




#50
 Dimethylphthalate
 Concen: 5.62 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

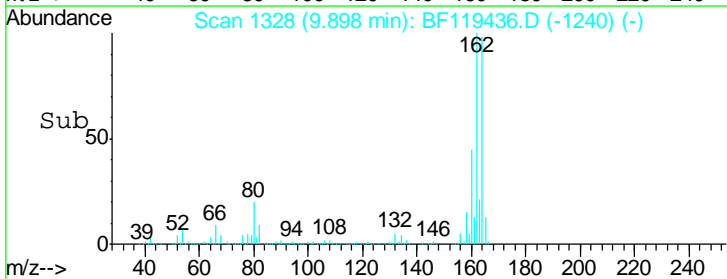
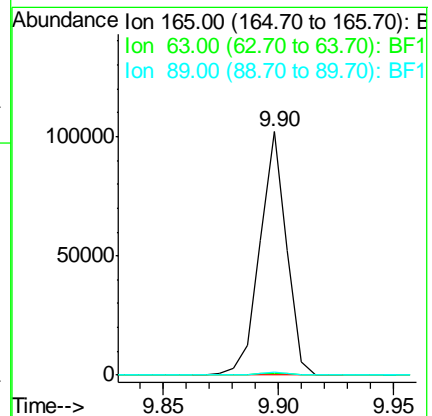
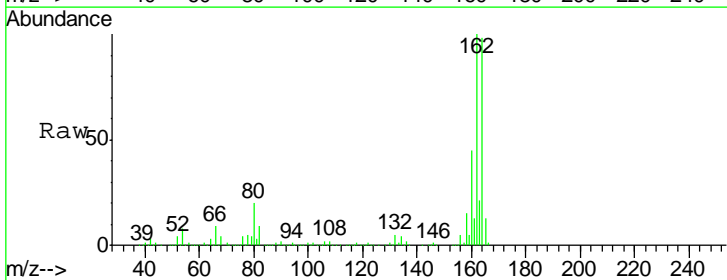
Instrument :
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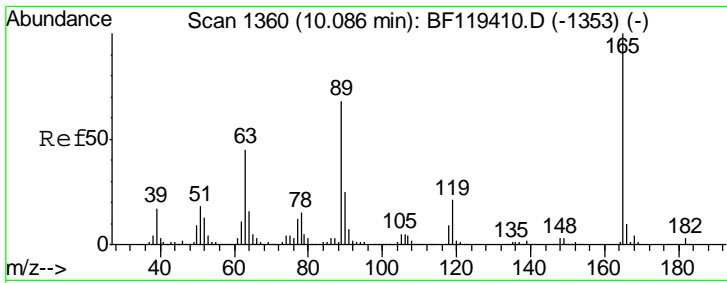
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1



#51
 2,6-Dinitrotoluene
 Concen: 8.34 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.22 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	57.3	85.9#
89	1.4	47.8	71.8#

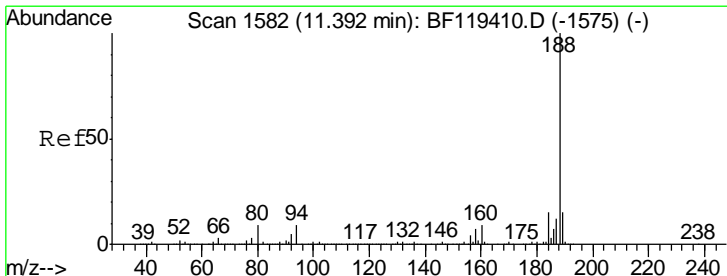
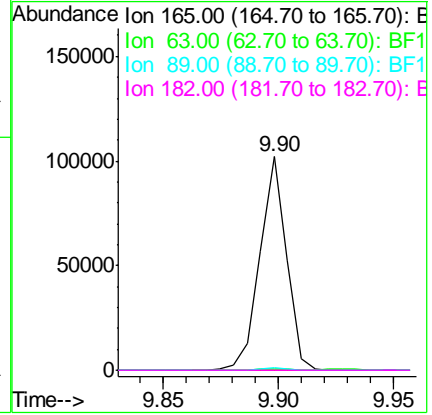
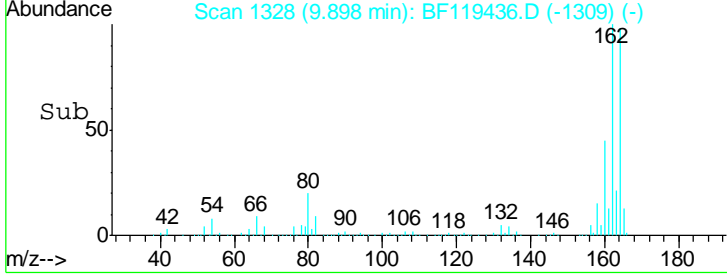
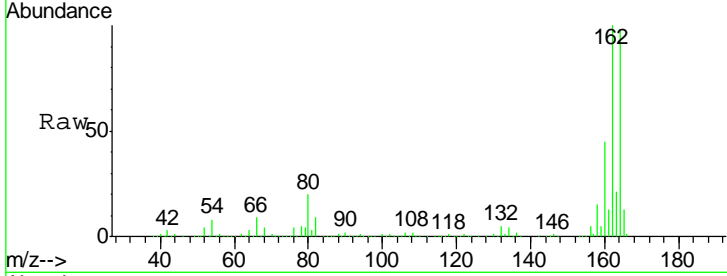




#57
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

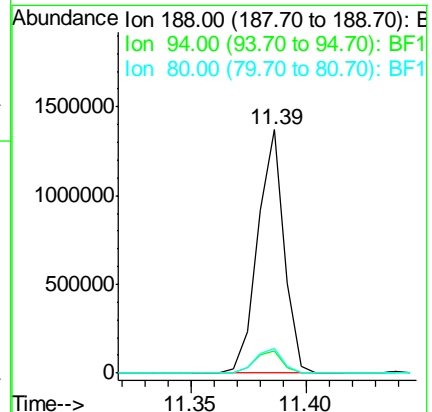
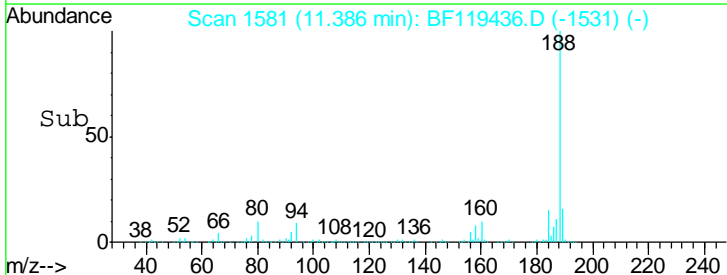
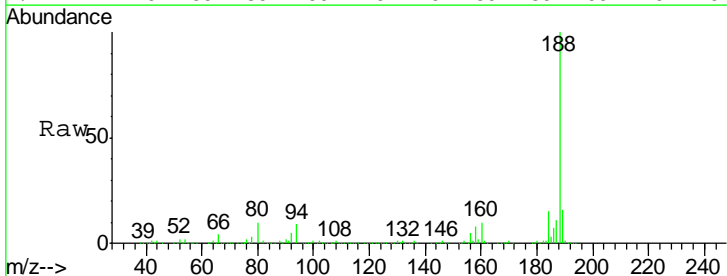
Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

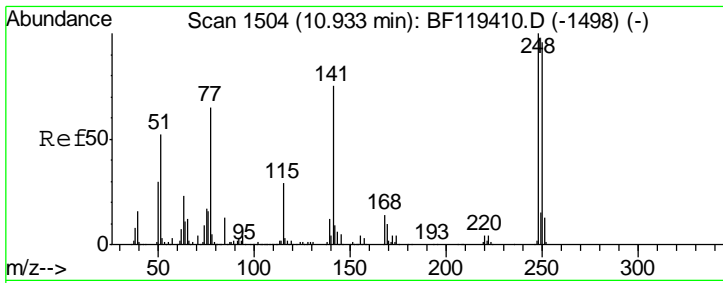
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.4	54.3	81.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	10.0	7.5	11.3

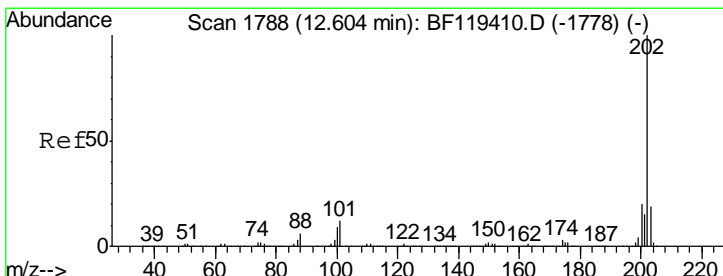
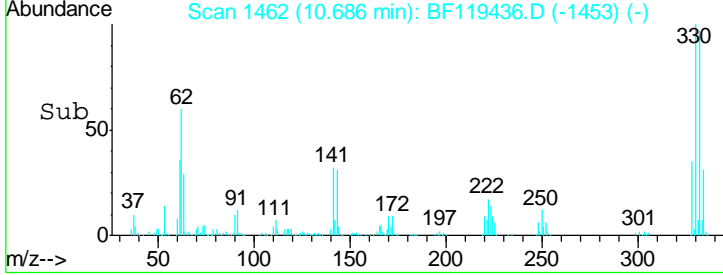
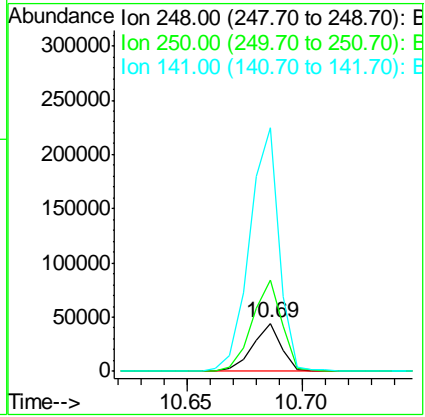
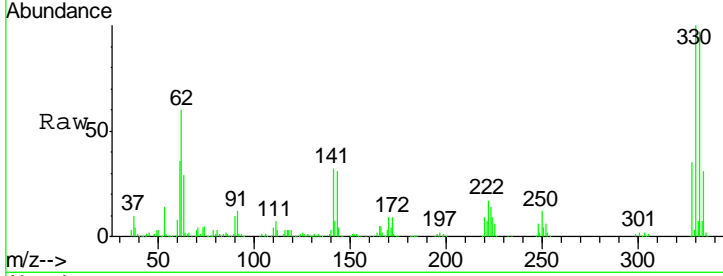




#67
 4-Bromophenyl-phenylether
 Concen: 3.07 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

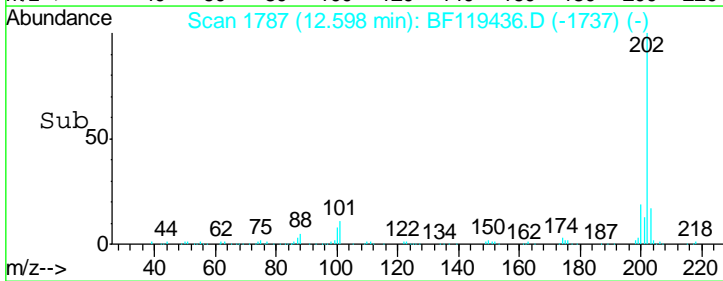
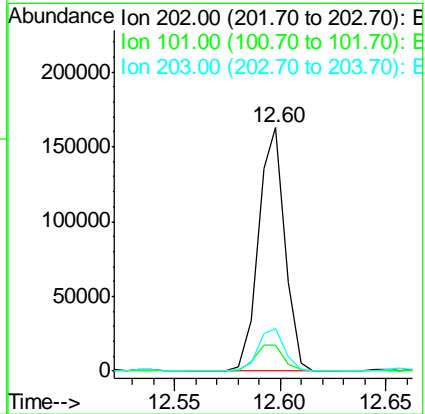
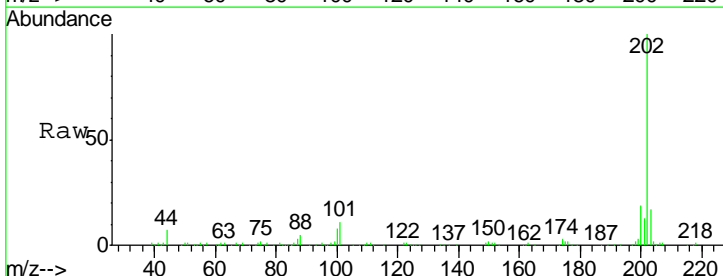
Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

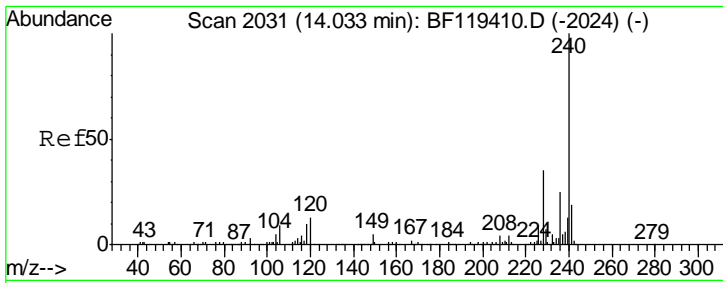
Tgt Ion	Resp	Lower	Upper
248	100		
250	188.7	77.0	115.6#
141	506.4	59.7	89.5#



#75
 Fluoranthene
 Concen: 2.31 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.9	0.0	32.4
203	17.4	0.0	38.5

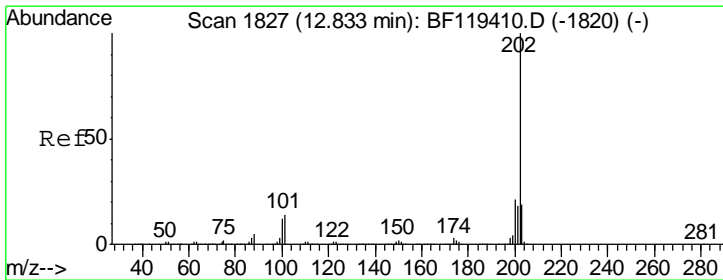
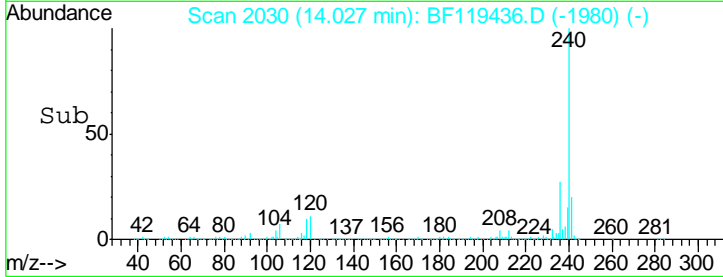
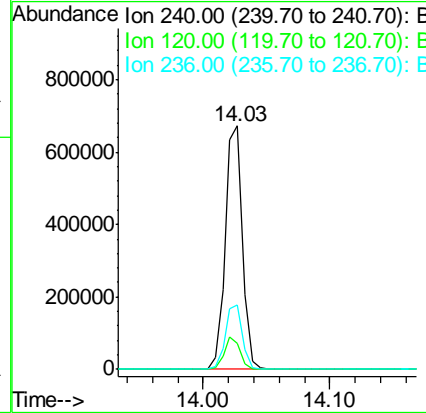
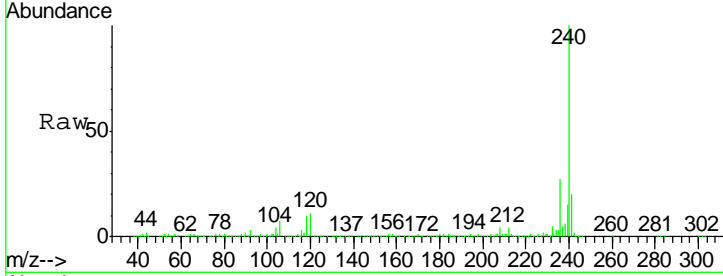




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

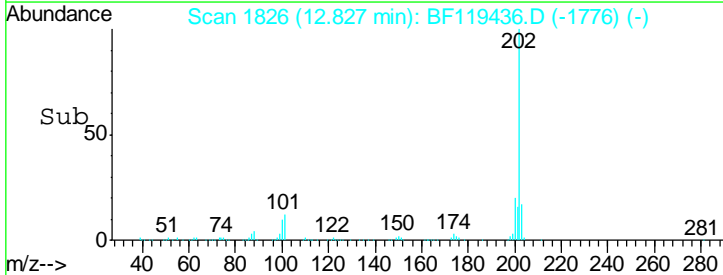
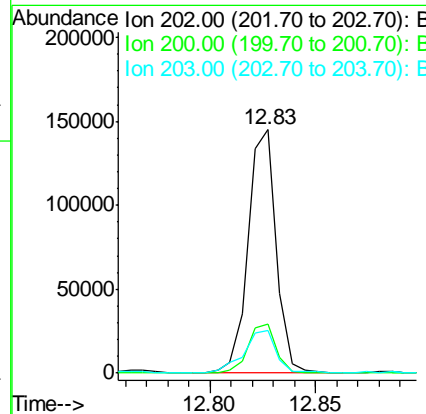
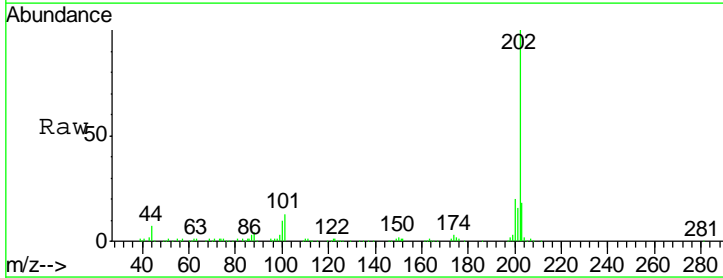
Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

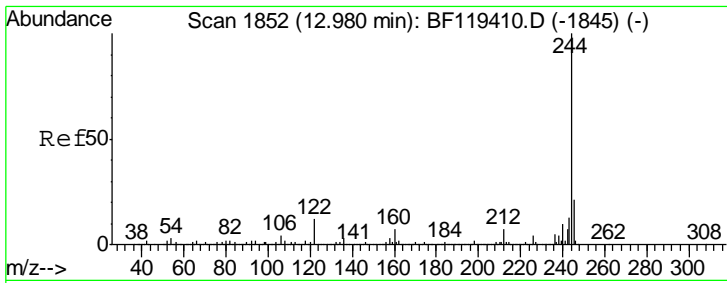
Tgt Ion	Resp	Lower	Upper
240	637071		
120	10.9	10.2	15.4
236	26.7	20.4	30.6



#78
 Pyrene
 Concen: 2.56 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
202	133665		
200	20.1	16.8	25.2
203	17.6	14.8	22.2



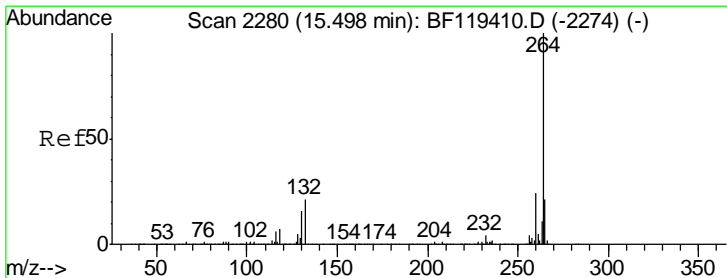
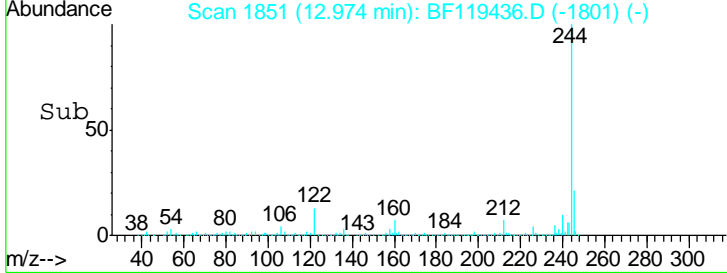
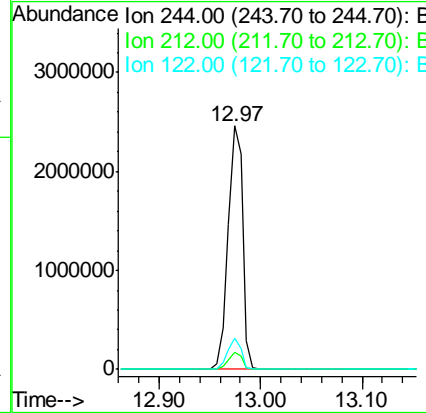
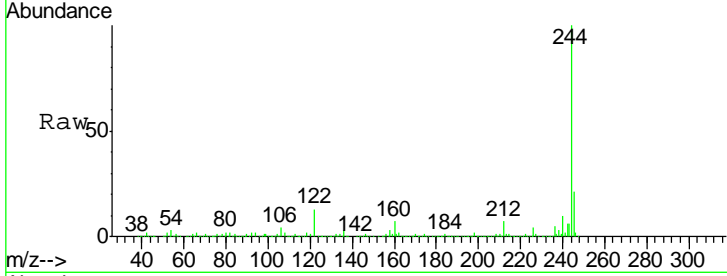


#79
 Terphenyl-d14
 Concen: 75.05 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

Tgt Ion: 244 Resp: 2440232

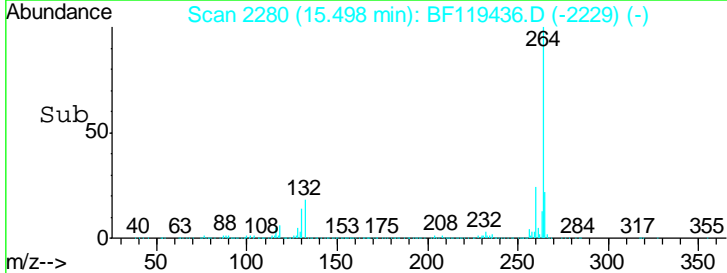
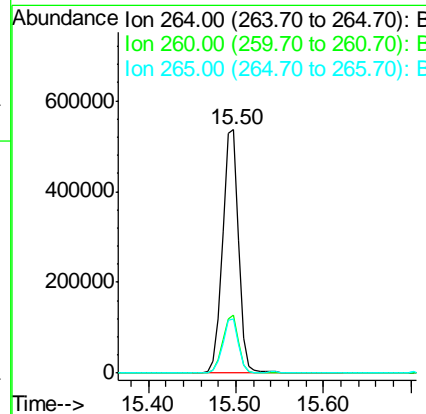
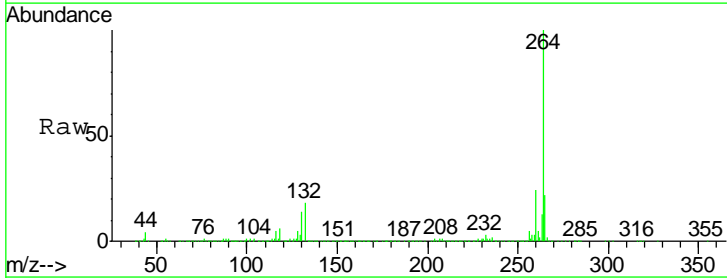
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.0	9.8	14.8

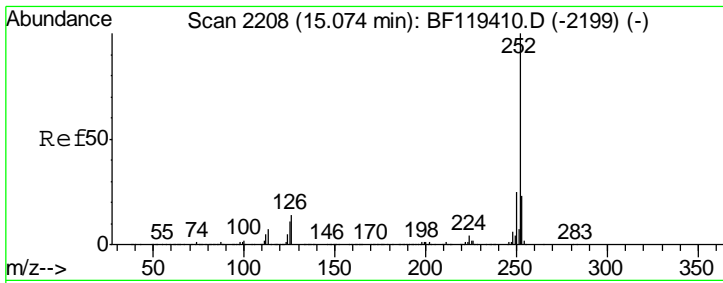


#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion: 264 Resp: 683979

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	16.9	25.3

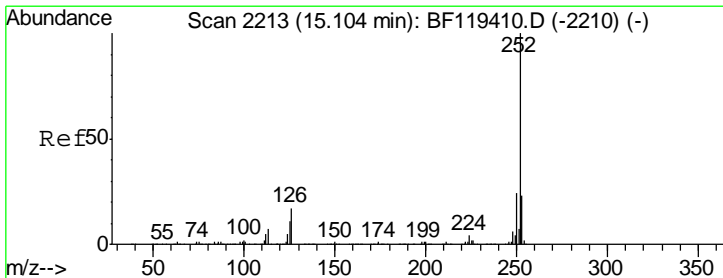
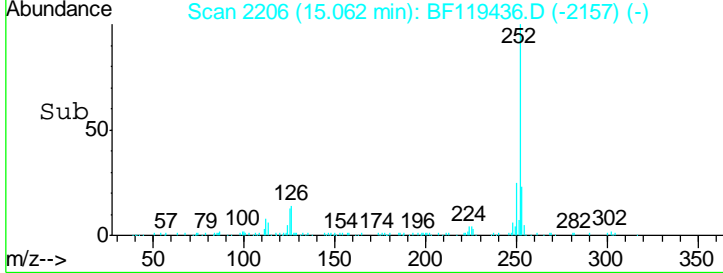
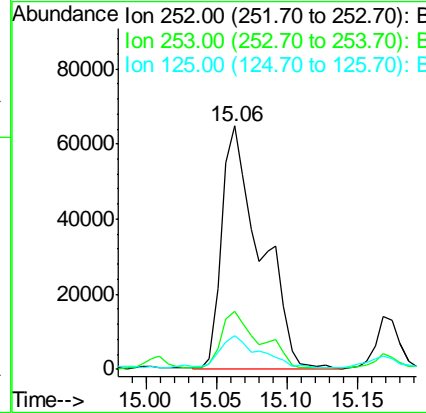
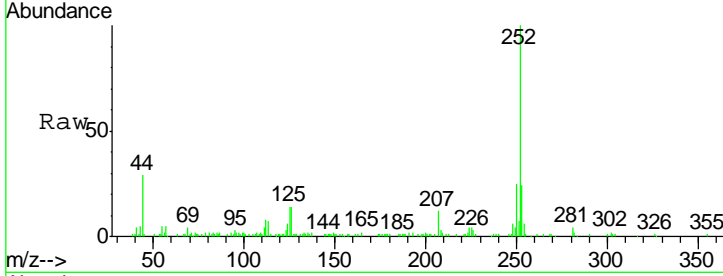




#88
 Benzo(b)fluoranthene
 Concen: 2.73 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Instrument :
 BNA_F
 ClientSampled :
 J+B-2A

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.8	8.8	13.2#



#89
 Benzo(k)fluoranthene
 Concen: 2.87 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.04 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.8	9.0	13.4#

