

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\  
 Data File : BF120296.D  
 Acq On : 14 May 2020 17:48  
 Operator : MA/SJ  
 Sample : L2501-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-051320

Quant Time: May 14 18:25:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 12:47:38 2020  
 Response via : Initial Calibration

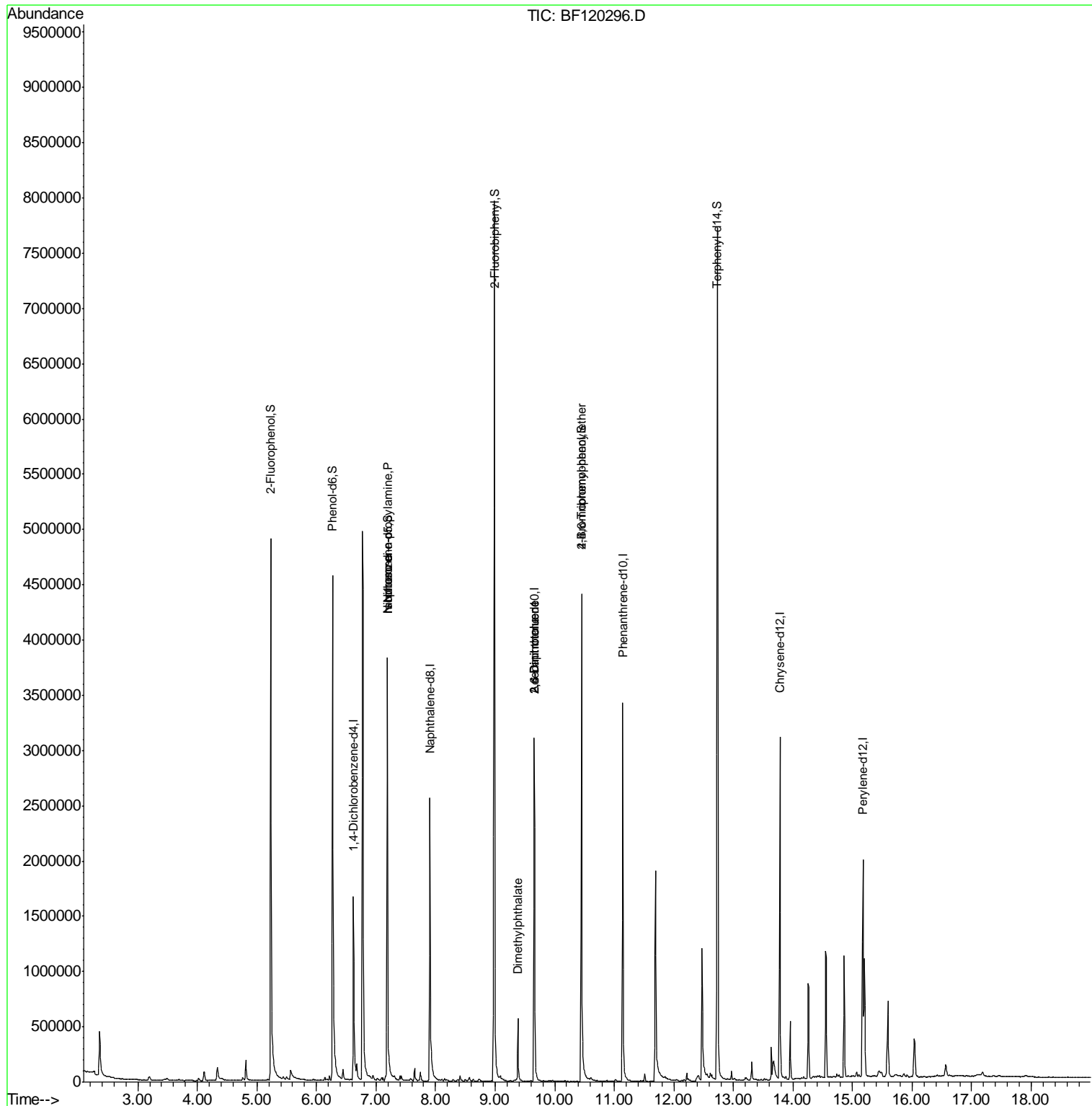
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	348673	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1451336	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	694147	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1500418	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1159109	20.00	ng	0.00
87) Perylene-d12	15.17	264	970149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1810390	101.03	ng	0.00
7) Phenol-d6	6.27	99	1983394	87.52	ng	0.00
23) Nitrobenzene-d5	7.19	82	1476577	69.66	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	641761	113.39	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2983340	88.30	ng	0.00
79) Terphenyl-d14	12.73	244	3487996	66.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	186374	12.554	ng	# 80
25) Isophorone	7.19	82	1476569	33.478	ng	# 65
50) Dimethylphthalate	9.38	163	251912	5.741	ng	99
51) 2,6-Dinitrotoluene	9.66	165	87978	8.983	ng	# 23
57) 2,4-Dinitrotoluene	9.66	165	88837	7.733	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	37441	2.572	ng	# 1

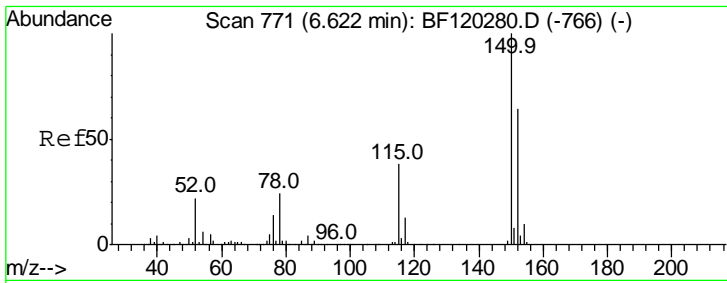
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\  
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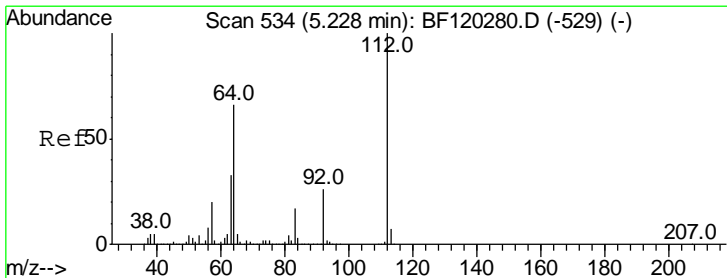
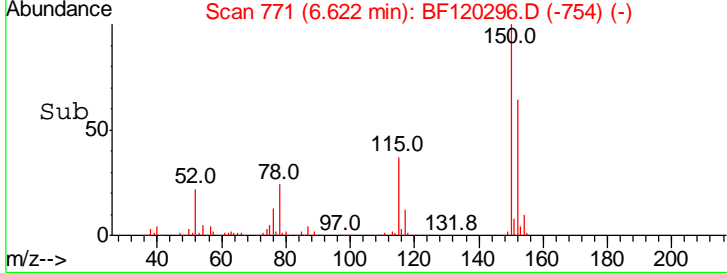
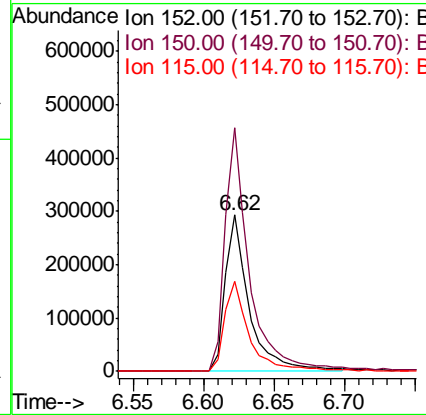
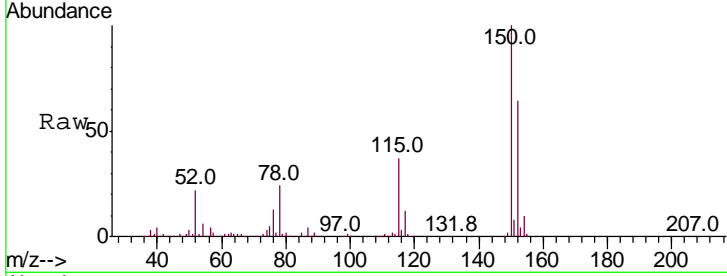




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.62 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

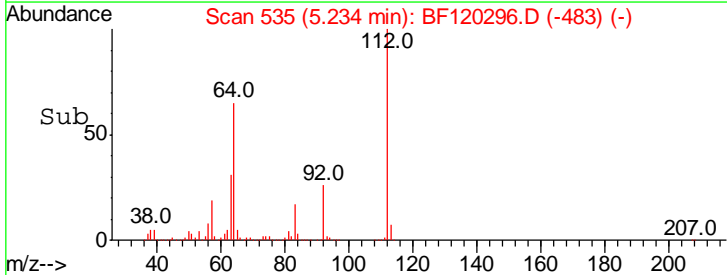
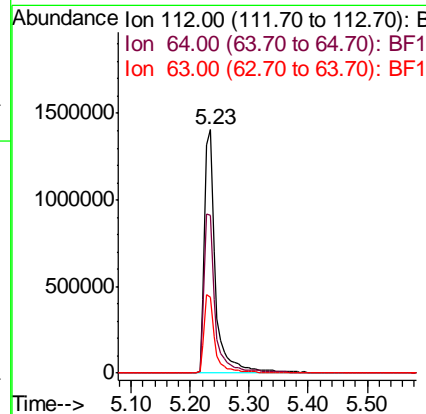
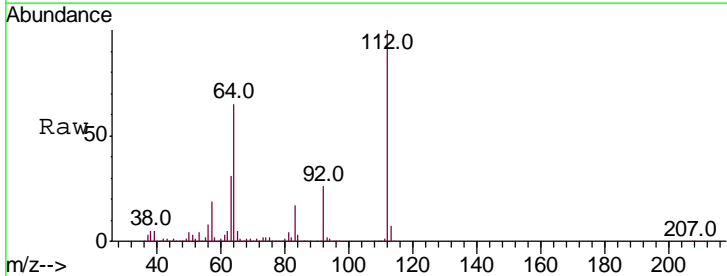
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 EO-01-051320

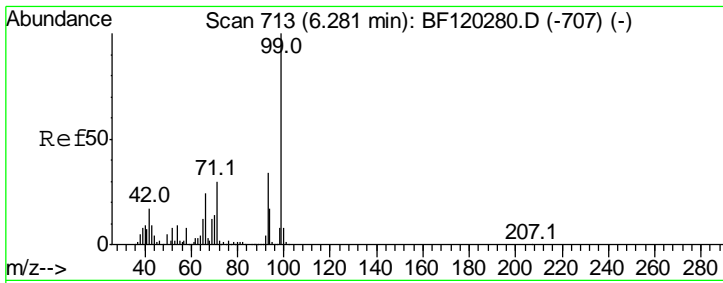
Tgt Ion	Resp	Lower	Upper
152	348673		
152	100		
150	155.6	126.2	189.2
115	57.9	47.9	71.9



#5  
 2-Fluorophenol  
 Concen: 101.025 ng  
 RT: 5.23 min Scan# 535  
 Delta R.T. 0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
112	1810390		
112	100		
64	65.0	52.7	79.1
63	31.5	26.2	39.4

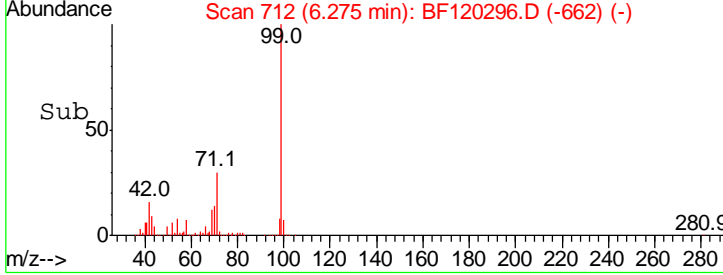
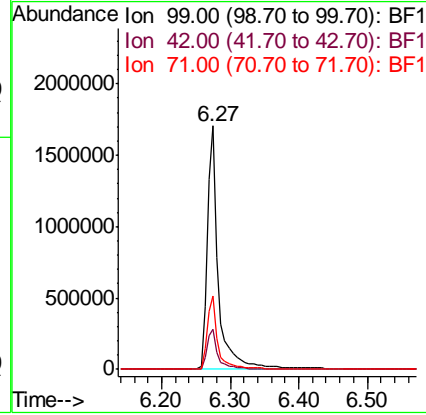
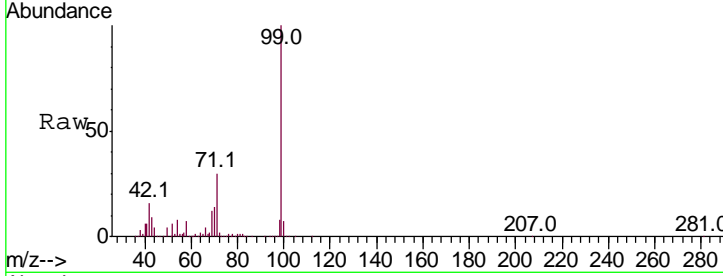




#7  
 Phenol-d6  
 Concen: 87.522 ng  
 RT: 6.27 min Scan# 712  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

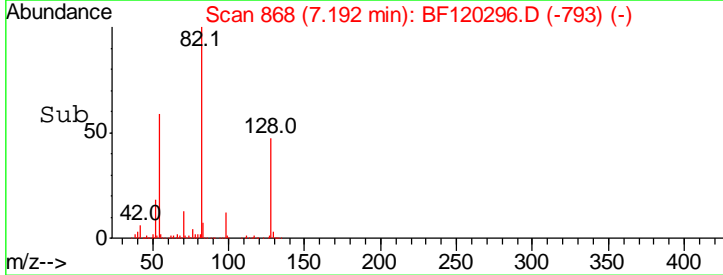
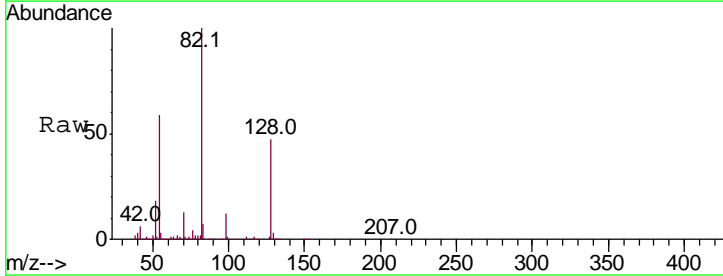
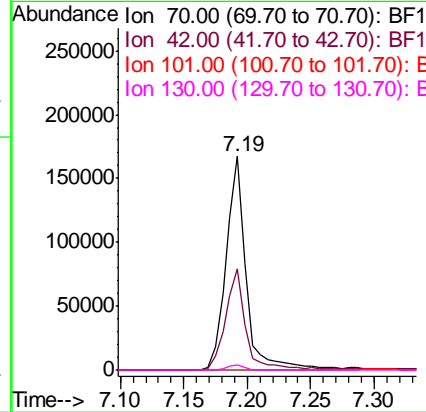
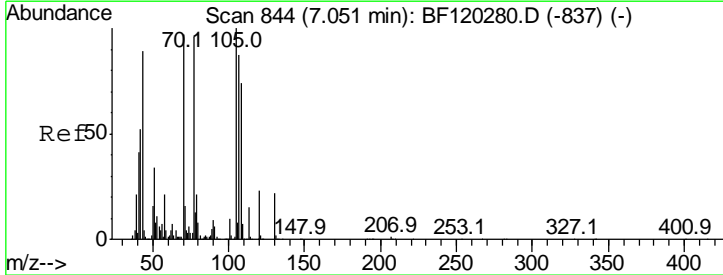
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 EO-01-051320

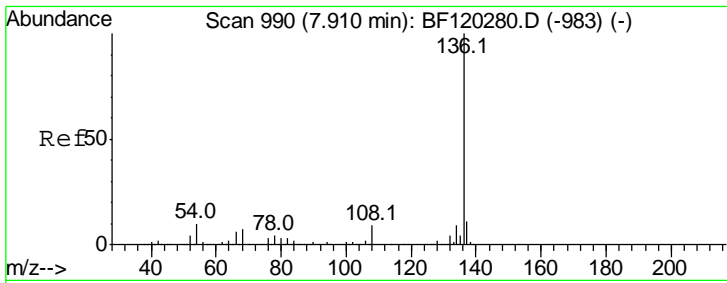
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.0	24.2	36.4



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 12.554 ng  
 RT: 7.19 min Scan# 868  
 Delta R.T. 0.14 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
70	100		
42	47.1	43.4	65.0
101	0.0	7.8	11.8#
130	2.1	18.2	27.4#



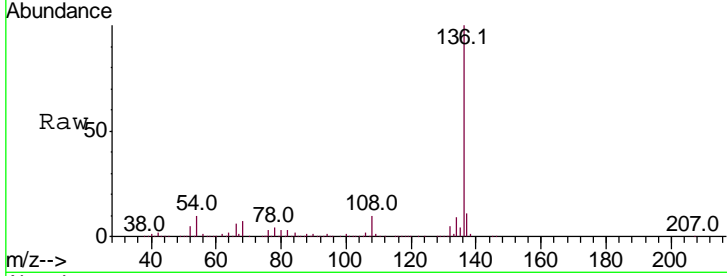


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.90 min Scan# 989  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

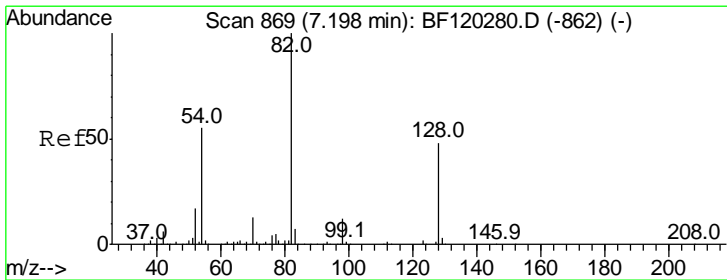
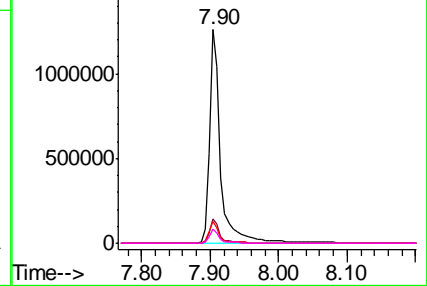
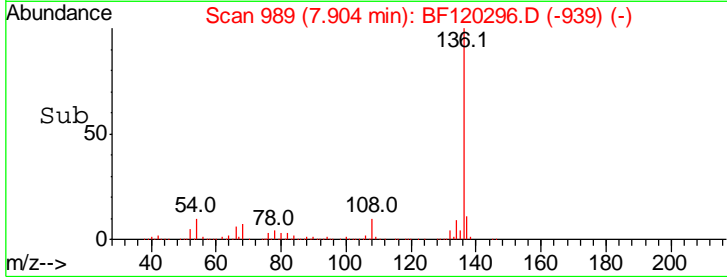
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 EO-01-051320

Tgt Ion: 136 Resp: 1451336

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	7.9	11.9
68	6.8	5.4	8.2



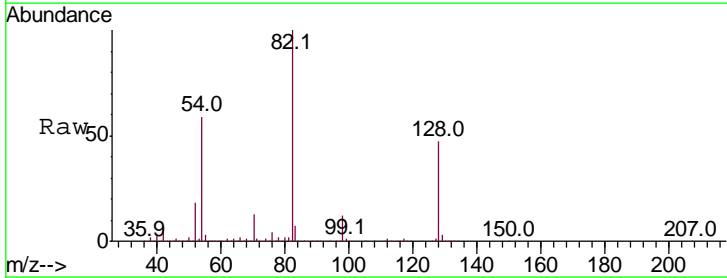
Abundance Ion 136.00 (135.70 to 136.70): E  
 2000000 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BF1  
 Ion 68.00 (67.70 to 68.70): BF1



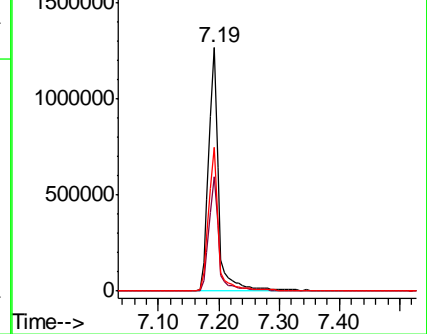
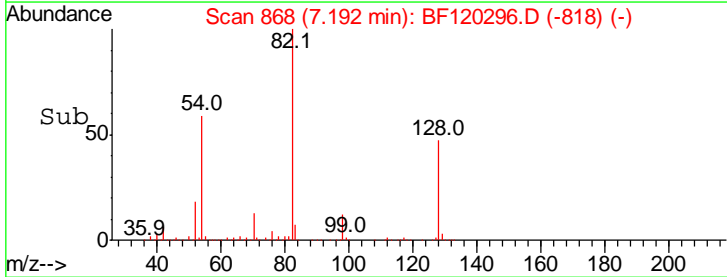
#23  
 Nitrobenzene-d5  
 Concen: 69.657 ng  
 RT: 7.19 min Scan# 868  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

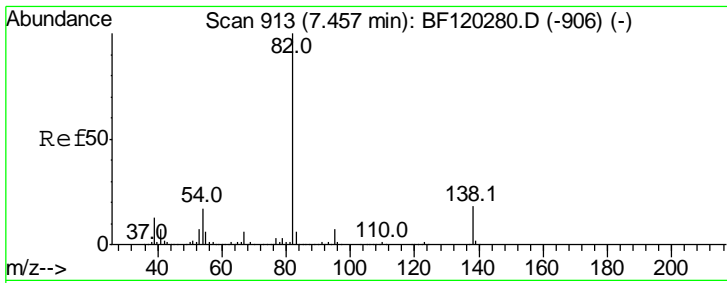
Tgt Ion: 82 Resp: 1476577

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.3	57.5
54	59.0	43.9	65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1  
 1500000 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1



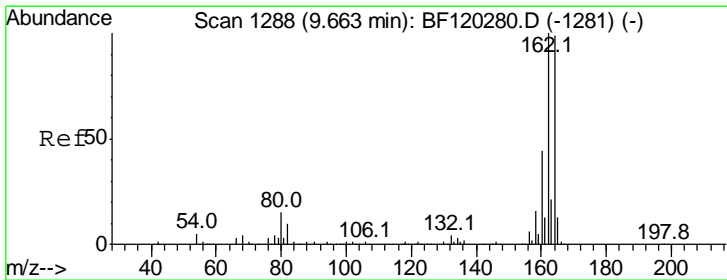
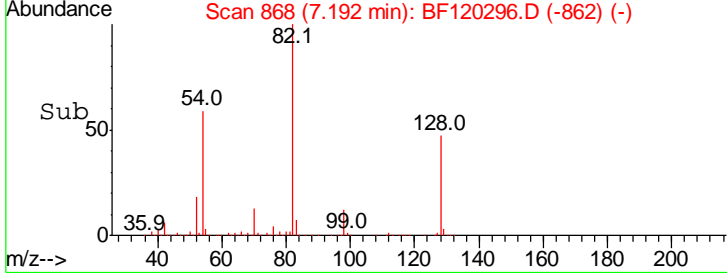
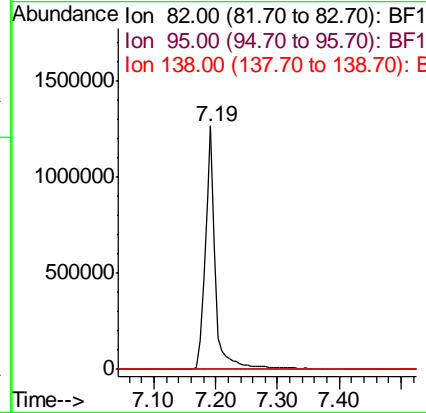
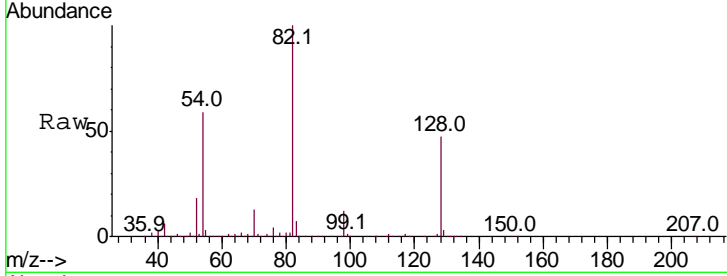


#25  
 Isophorone  
 Concen: 33.478 ng  
 RT: 7.19 min Scan# 868  
 Delta R.T. -0.26 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Instrument :  
 BNA\_F  
 ClientSampled :  
 EO-01-051320

Tgt Ion: 82 Resp: 1476569

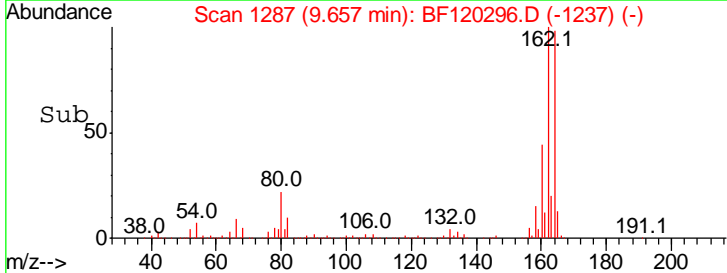
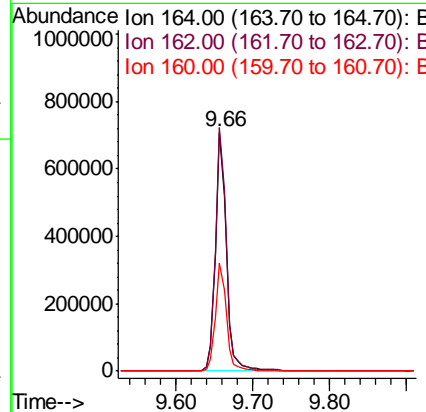
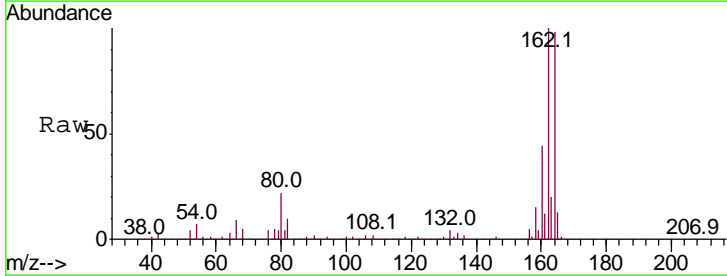
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.7	22.1#

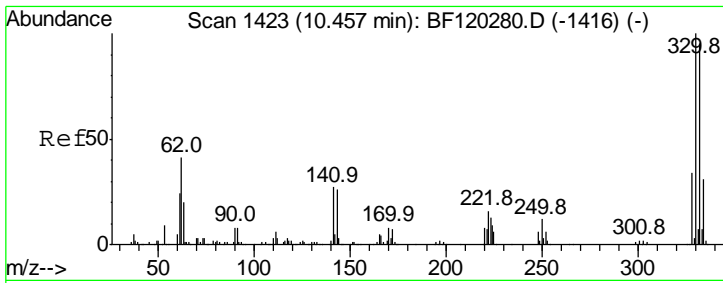


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion: 164 Resp: 694147

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	45.1	35.8	53.6

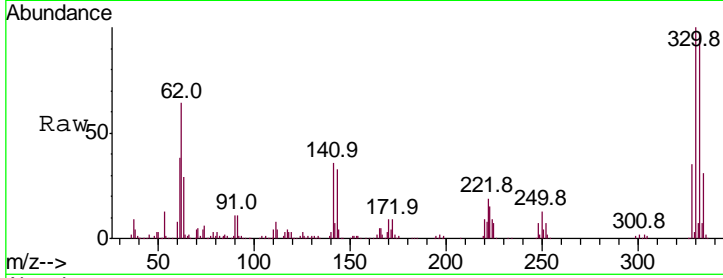




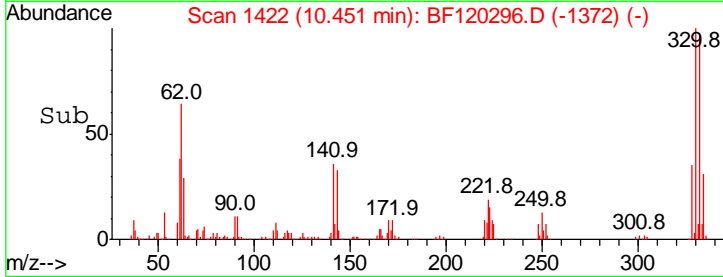
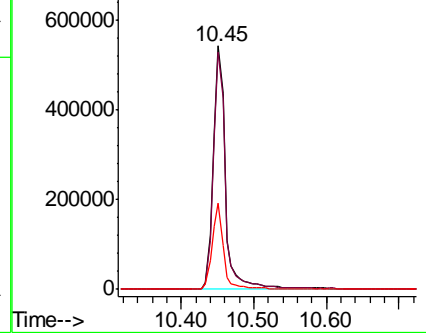
#42  
 2,4,6-Tribromophenol  
 Concen: 113.391 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Instrument :  
 BNA\_F  
 ClientSampled :  
 EO-01-051320

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	32.8	25.4	38.0

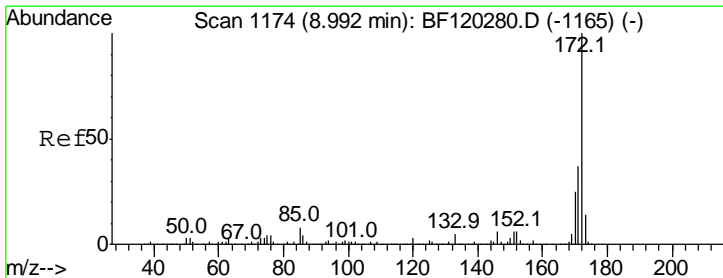


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

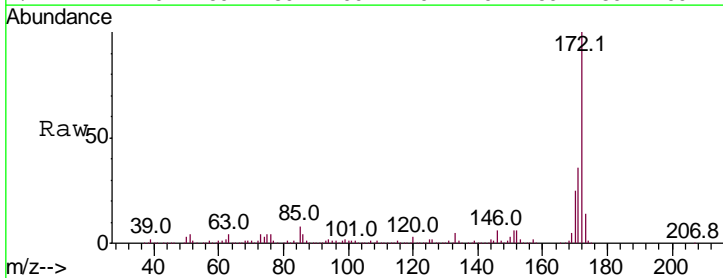
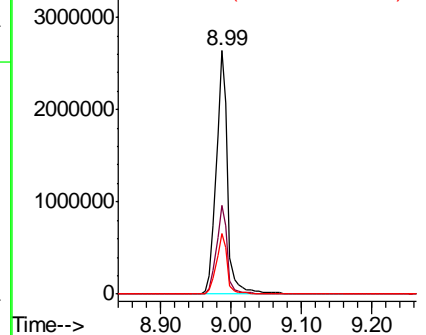


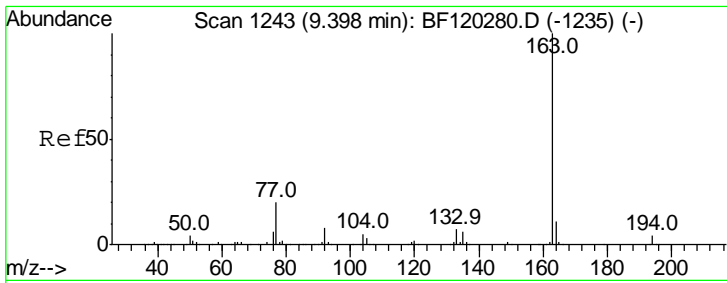
#45  
 2-Fluorobiphenyl  
 Concen: 88.298 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.9	29.9



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



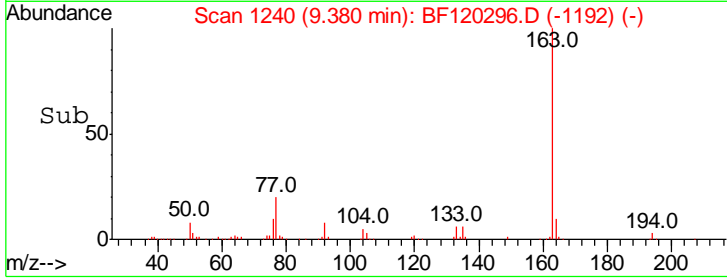
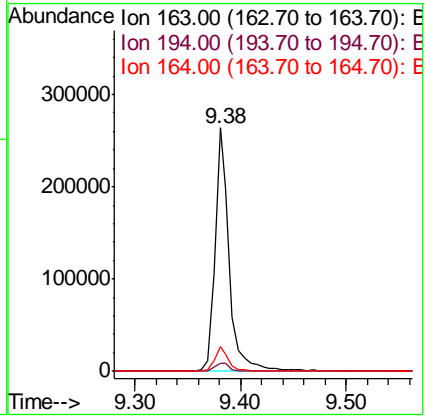
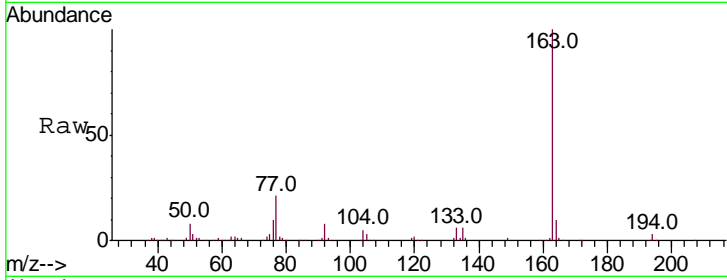


#50  
 Dimethylphthalate  
 Concen: 5.741 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. -0.02 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 EO-01-051320

Tgt Ion:163 Resp: 251912

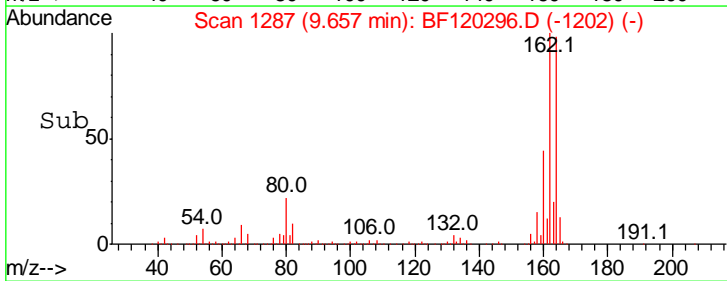
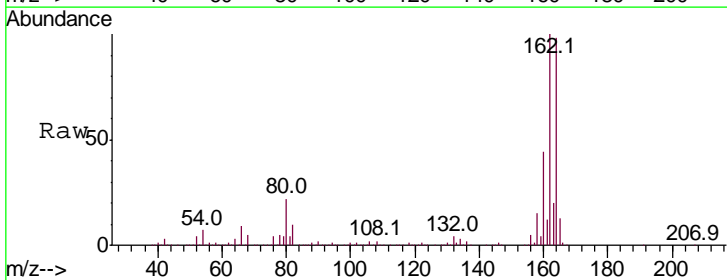
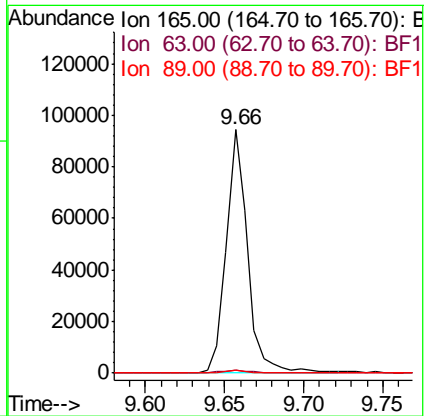
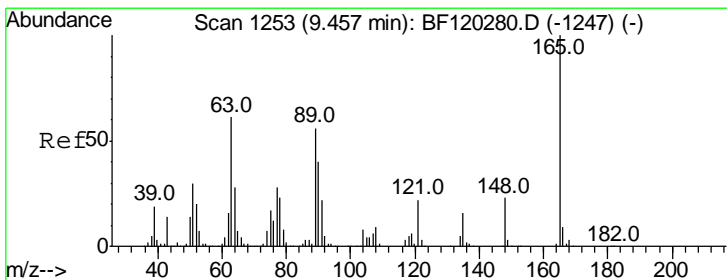
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.4	8.6	12.8



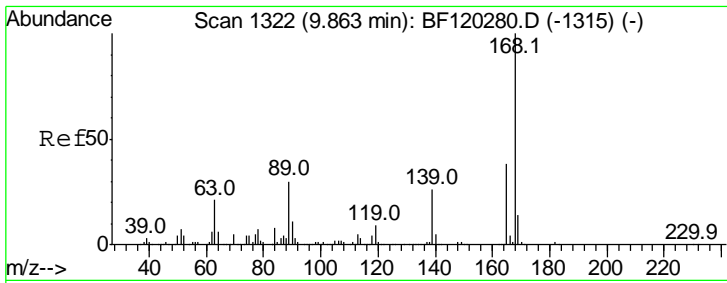
#51  
 2,6-Dinitrotoluene  
 Concen: 8.983 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. 0.20 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion:165 Resp: 87978

Ion	Ratio	Lower	Upper
165	100		
63	1.0	50.2	75.2#
89	1.1	44.6	66.8#



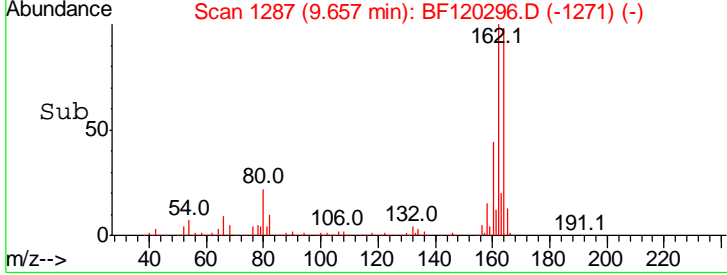
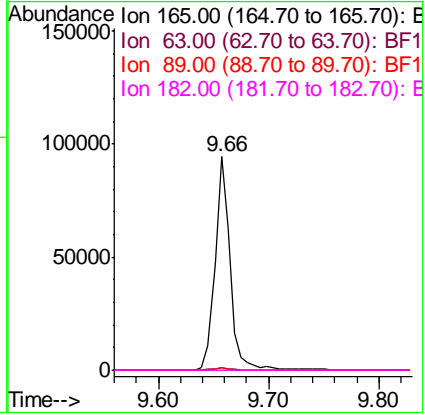
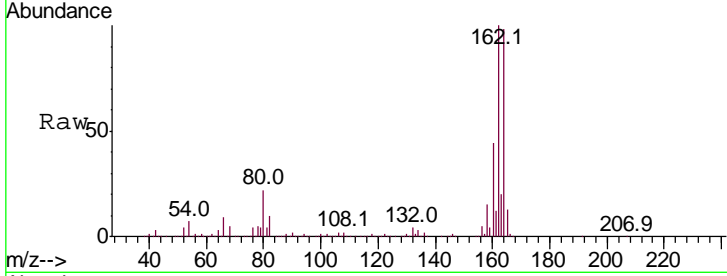




#57  
 2,4-Dinitrotoluene  
 Concen: 7.733 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. -0.21 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

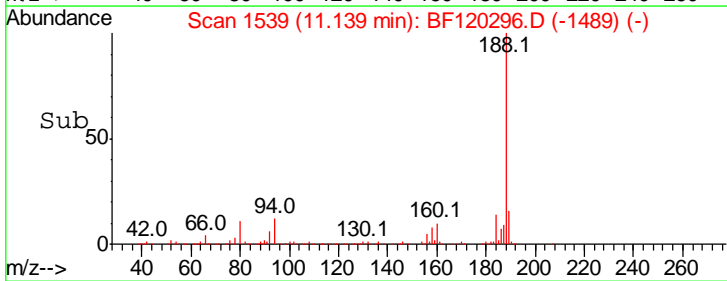
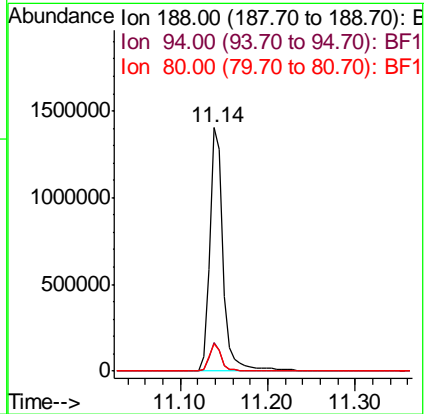
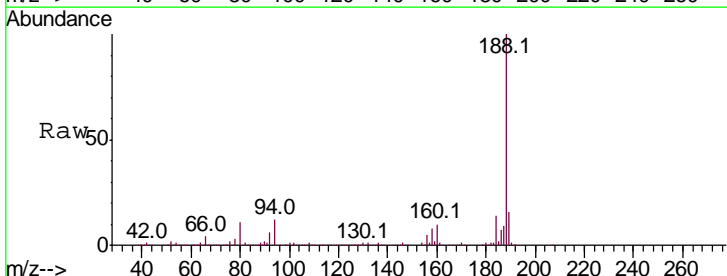
**Instrument :**  
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 EO-01-051320

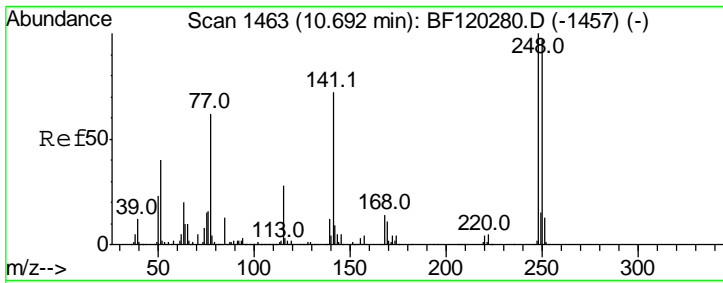
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	51.8	77.8#
89	1.1	64.2	96.4#
182	0.0	2.0	3.0#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.7	8.6	13.0
80	11.4	9.2	13.8

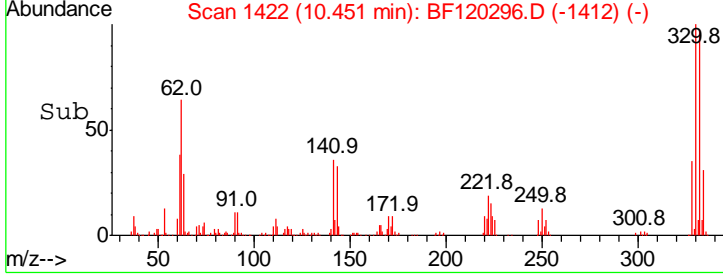
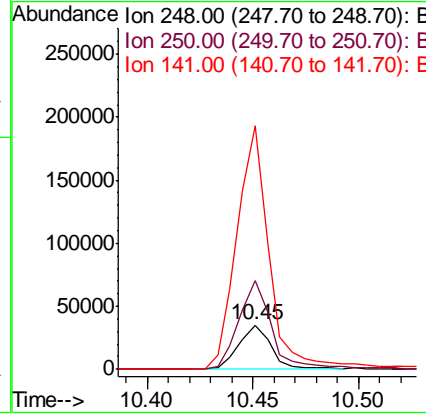
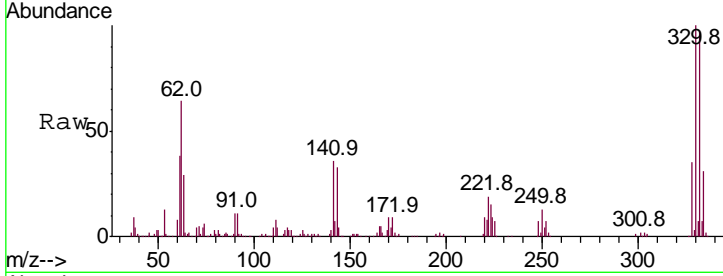




#67  
 4-Bromophenyl-phenylether  
 Concen: 2.572 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. -0.24 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

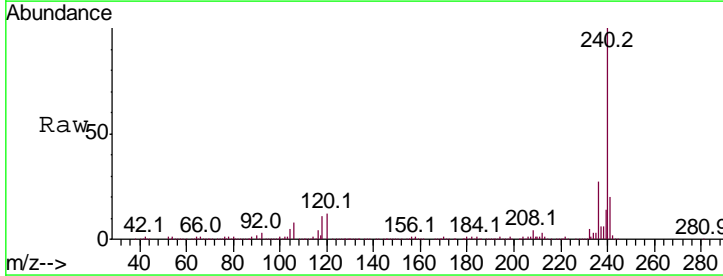
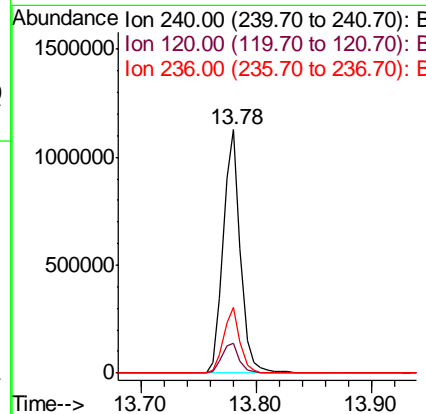
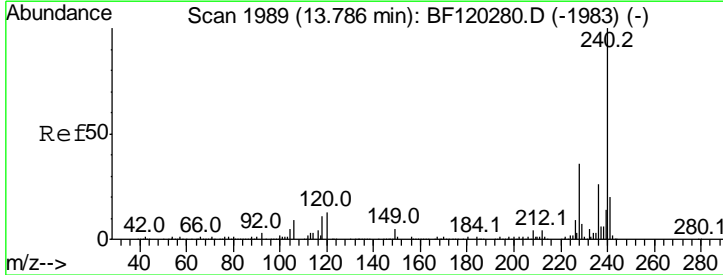
Instrument :  
 BNA\_F  
 ClientSampled :  
 EO-01-051320

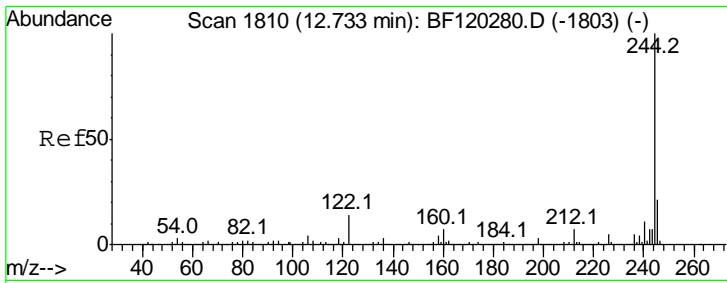
Tgt Ion	Resp	Lower	Upper
248	100		
250	199.0	77.8	116.6#
141	546.2	57.7	86.5#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.78 min Scan# 1988  
 Delta R.T. -0.01 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
240	100		
120	12.4	10.4	15.6
236	27.1	21.0	31.6

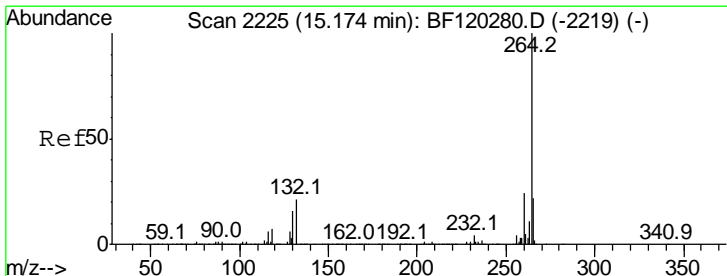
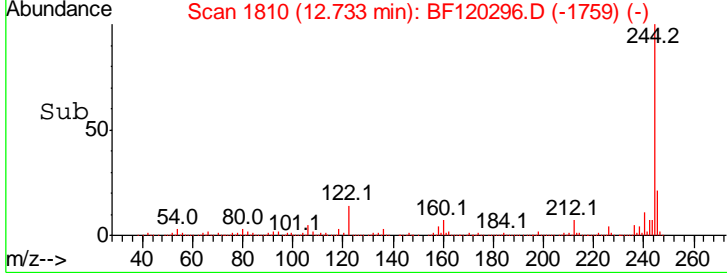
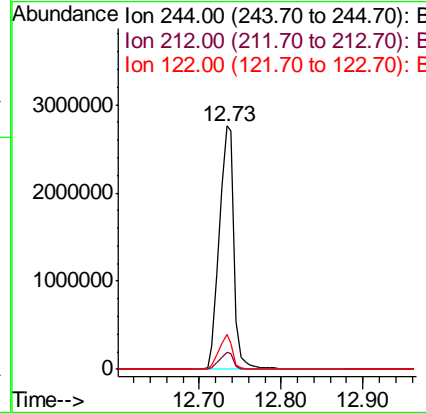
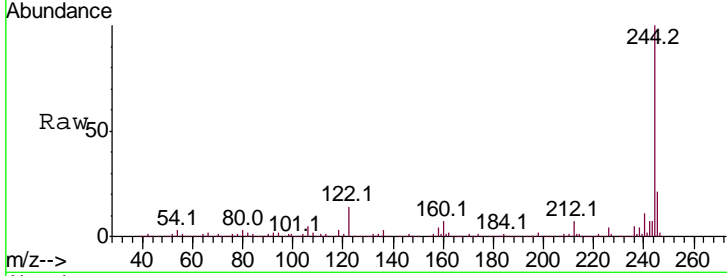




#79  
 Terphenyl-d14  
 Concen: 66.480 ng  
 RT: 12.73 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-051320

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.2	10.8	16.2



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.17 min Scan# 2225  
 Delta R.T. 0.00 min  
 Lab File: BF120296.D  
 Acq: 14 May 2020 17:48

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.7	17.5	26.3

