

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\  
 Data File : BG045261.D  
 Acq On : 6 May 2020 20:19  
 Operator : CG/JU  
 Sample : L2513-01 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BU-03-050520

Quant Time: May 07 01:28:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 06 12:59:59 2020  
 Response via : Initial Calibration

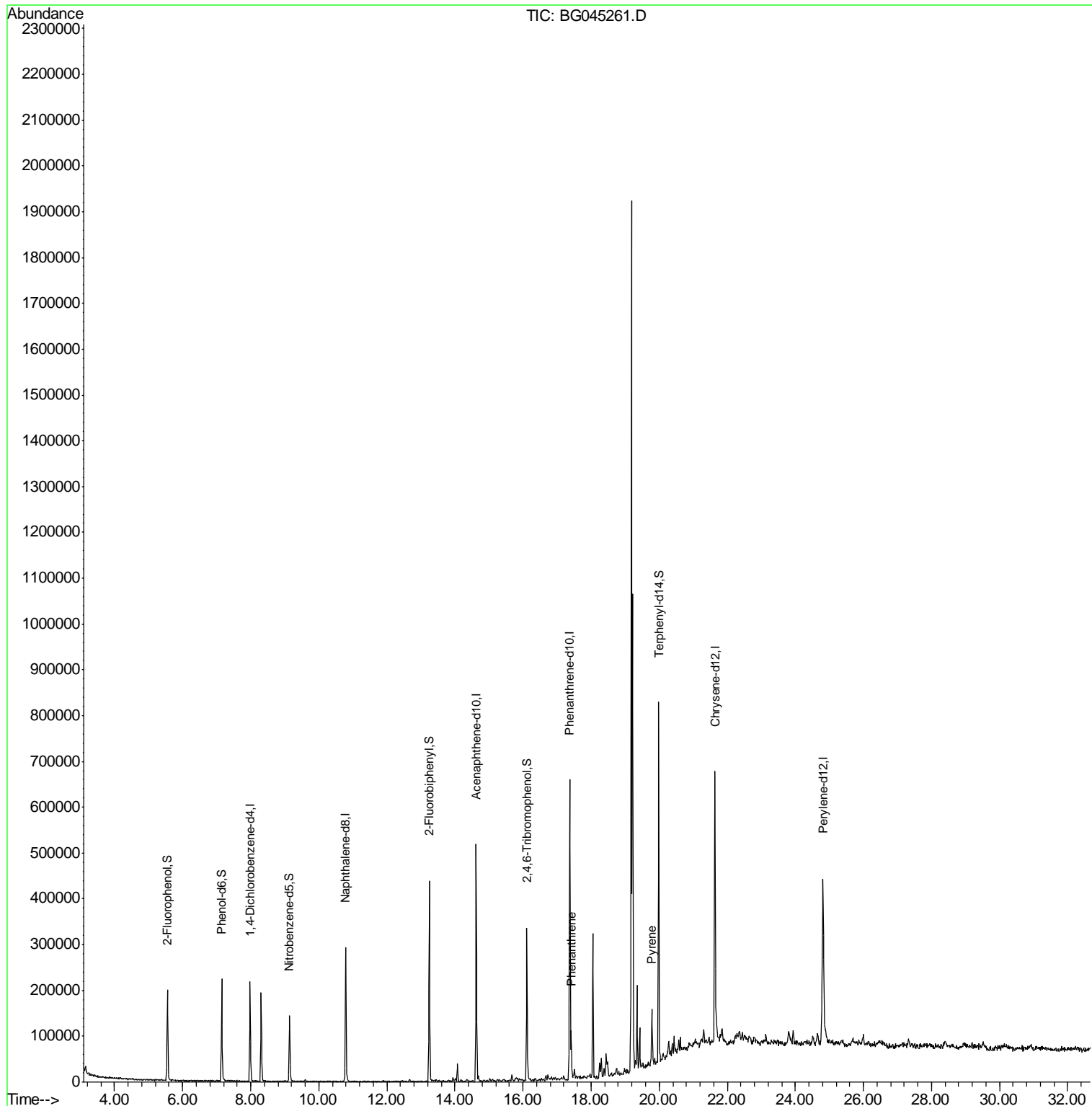
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	67446	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	266648	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	191893	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	419858	20.00	ng	0.00
76) Chrysene-d12	21.64	240	374709	20.00	ng	0.00
87) Perylene-d12	24.81	264	401701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	98657	24.15	ng	0.00
7) Phenol-d6	7.15	99	152057	25.05	ng	0.00
23) Nitrobenzene-d5	9.14	82	103661	17.74	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	70589	23.81	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	255724	19.54	ng	0.00
79) Terphenyl-d14	19.99	244	385885	22.45	ng	0.00
Target Compounds						
71) Phenanthrene	17.42	178	62457	2.895	ng	95
78) Pyrene	19.79	202	85488	3.309	ng	95

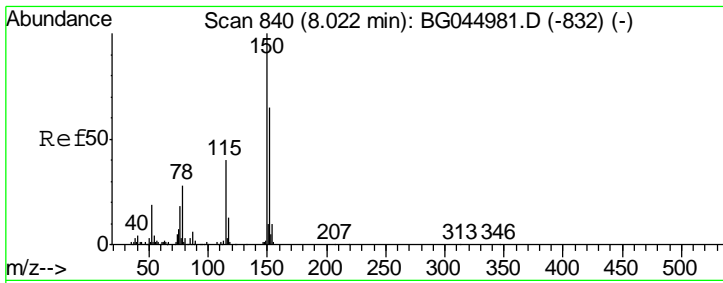
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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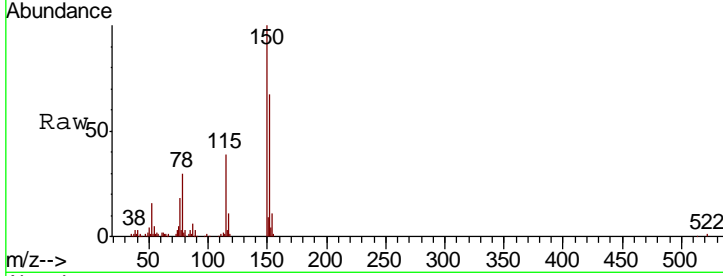




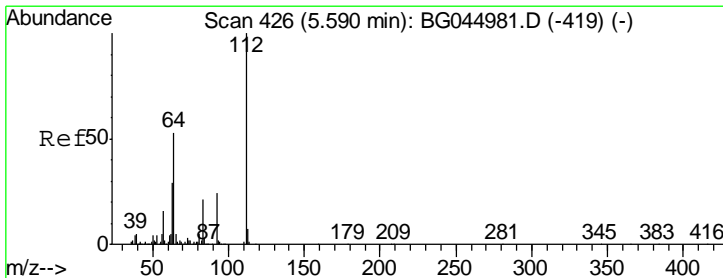
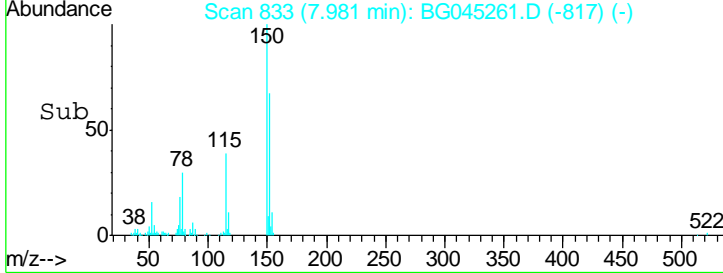
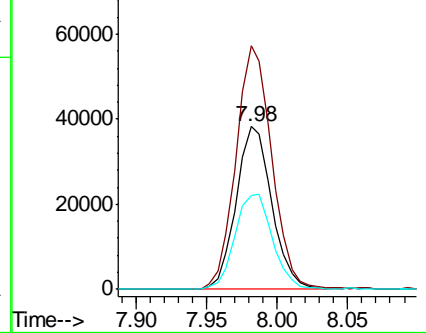
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.98 min Scan# 833  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Instrument :  
 BNA\_G  
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 BU-03-050520

Tgt Ion	Resp	Lower	Upper
152	100		
150	149.8	123.6	185.4
115	58.1	49.1	73.7

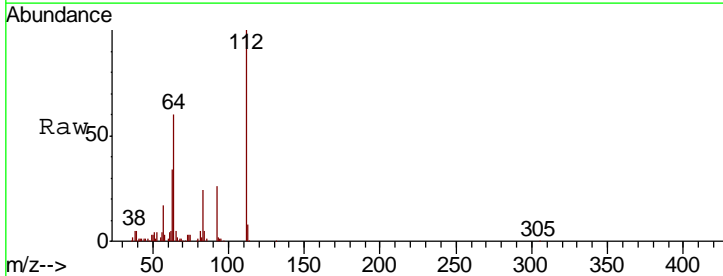


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

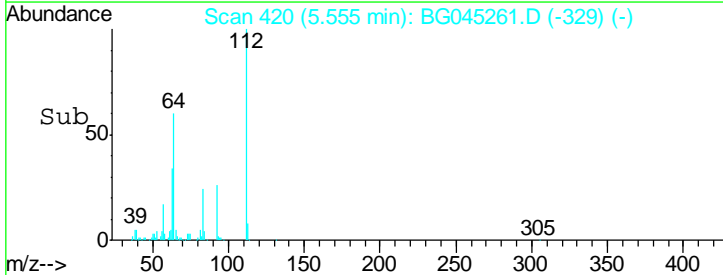
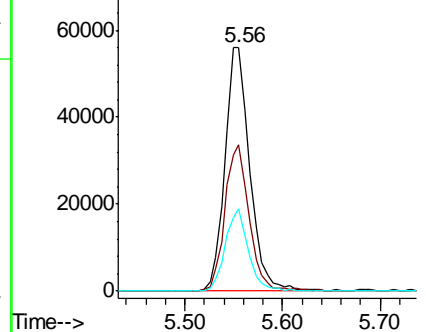


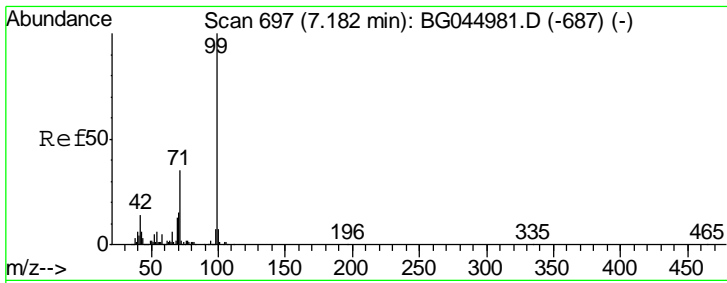
#5  
 2-Fluorophenol  
 Concen: 24.149 ng  
 RT: 5.56 min Scan# 420  
 Delta R.T. 0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
112	100		
64	60.0	42.4	63.6
63	34.0	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC

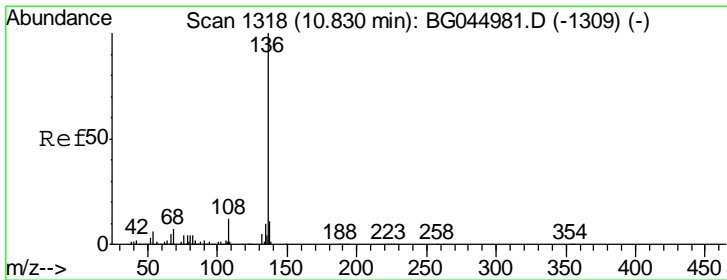
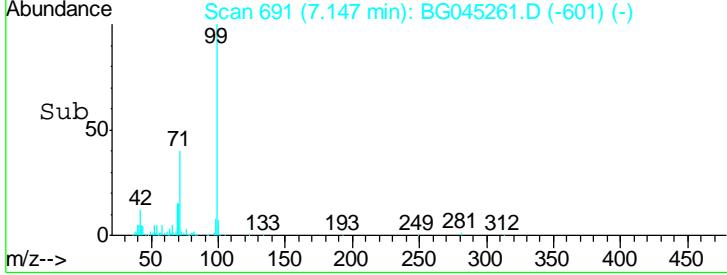
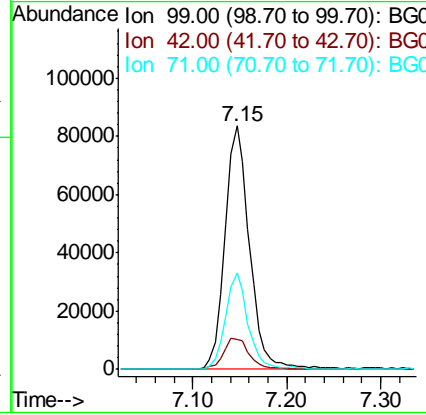
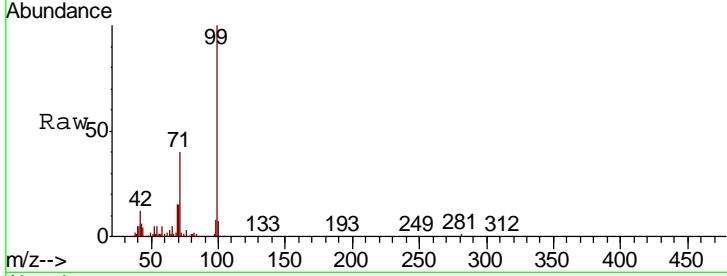




#7  
 Phenol-d6  
 Concen: 25.052 ng  
 RT: 7.15 min Scan# 691  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

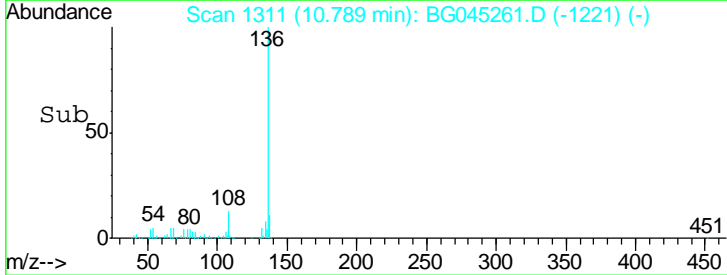
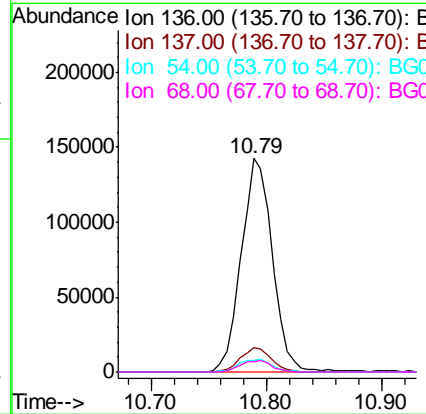
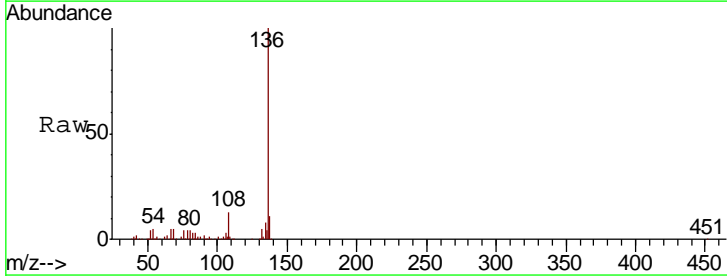
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 ClientSampled :  
 BU-03-050520

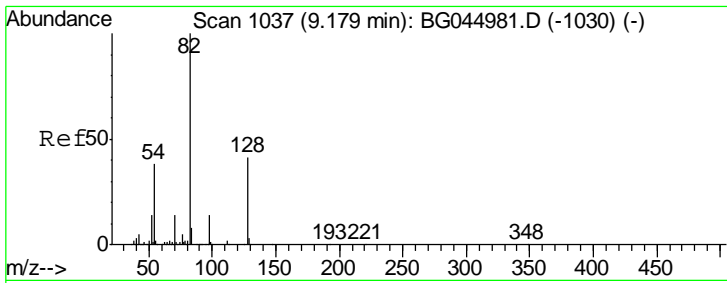
Tgt Ion	Resp	Lower	Upper
99	152057		
42	12.1	11.3	16.9
71	39.7	28.3	42.5



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.79 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
136	266648		
137	11.5	8.6	13.0
54	5.5	4.8	7.2
68	5.0	5.2	7.8#

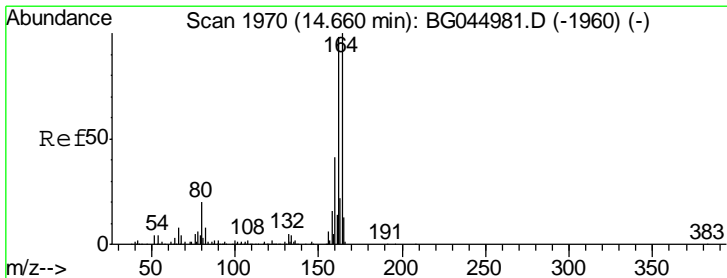
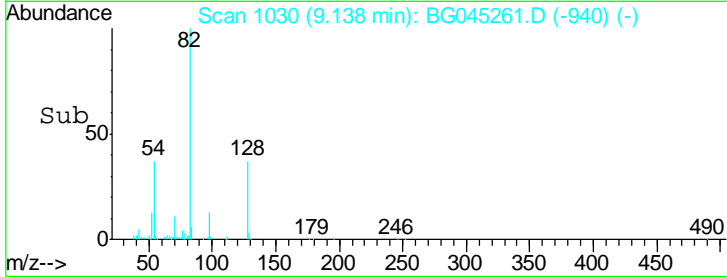
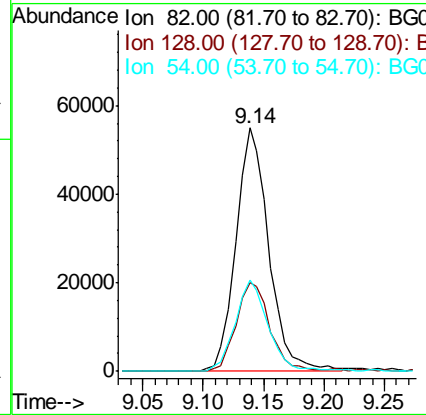
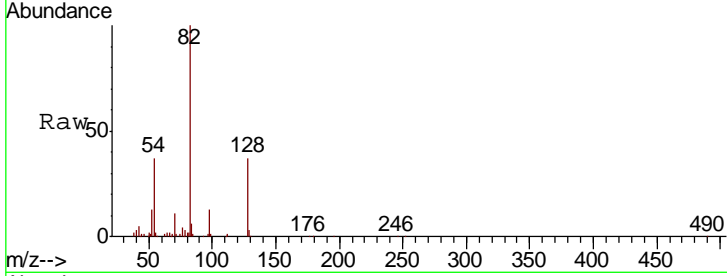




#23  
 Nitrobenzene-d5  
 Concen: 17.738 ng  
 RT: 9.14 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

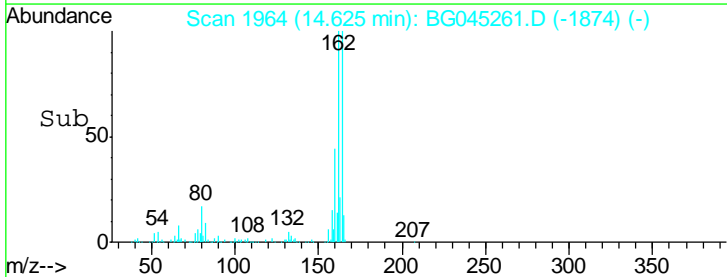
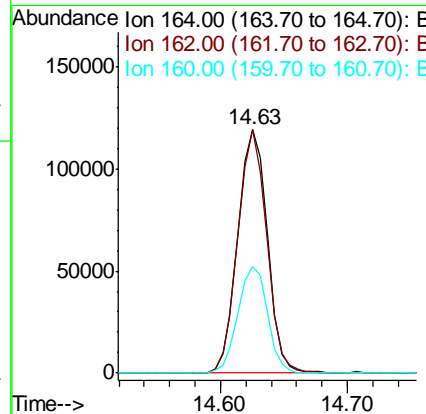
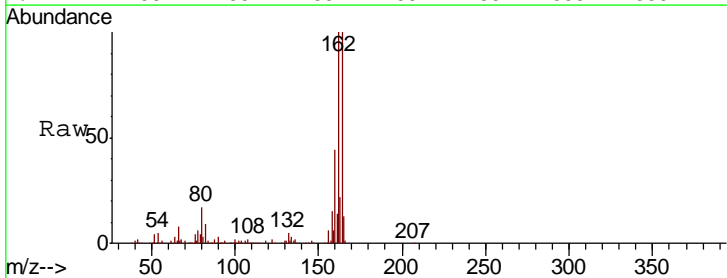
Instrument :  
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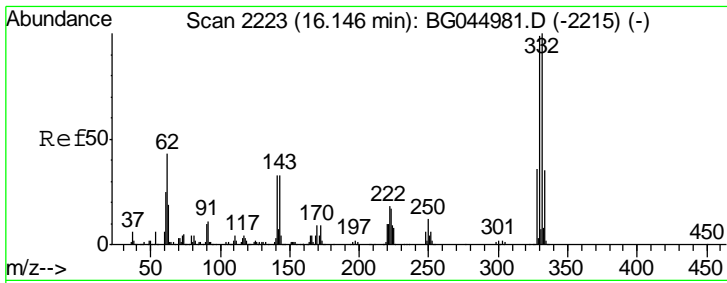
Tgt Ion	Resp	Lower	Upper
82	103661		
128	36.7	33.0	49.4
54	37.3	30.4	45.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.63 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
164	191893		
162	100.0	78.7	118.1
160	43.7	32.8	49.2

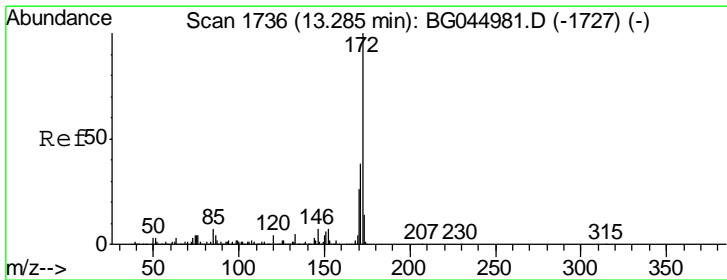
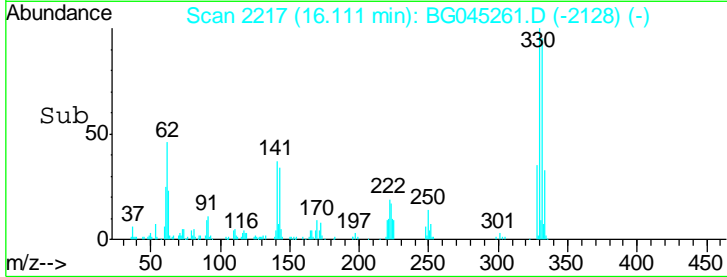
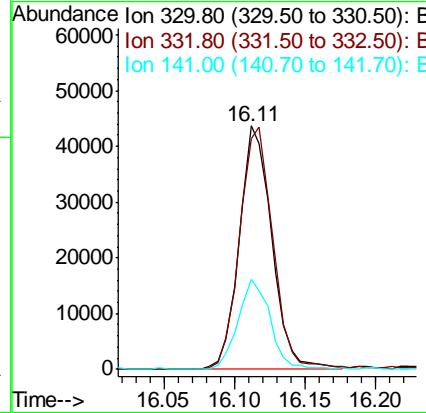
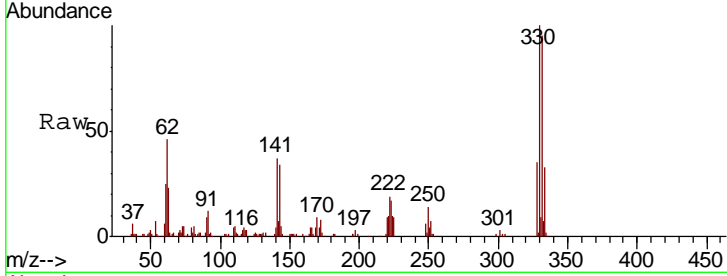




#42  
 2,4,6-Tribromophenol  
 Concen: 23.811 ng  
 RT: 16.11 min Scan# 2217  
 Delta R.T. -0.01 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

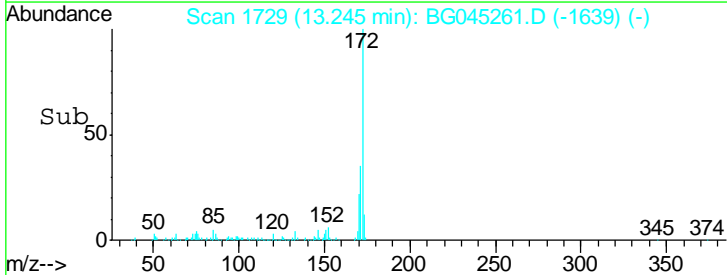
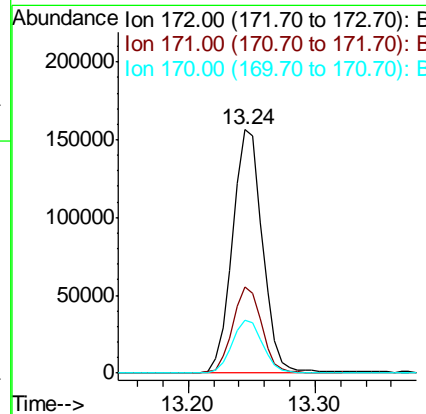
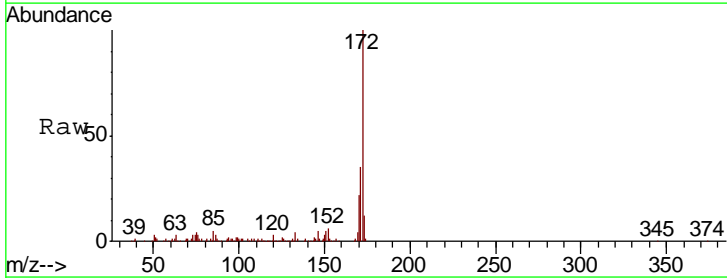
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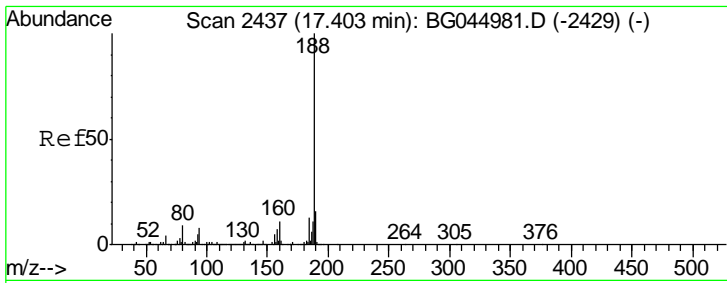
Tgt Ion	Resp	Lower	Upper
330	100		
332	101.1	79.1	118.7
141	36.0	27.1	40.7



#45  
 2-Fluorobiphenyl  
 Concen: 19.541 ng  
 RT: 13.24 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.2	30.6	46.0
170	21.7	20.5	30.7

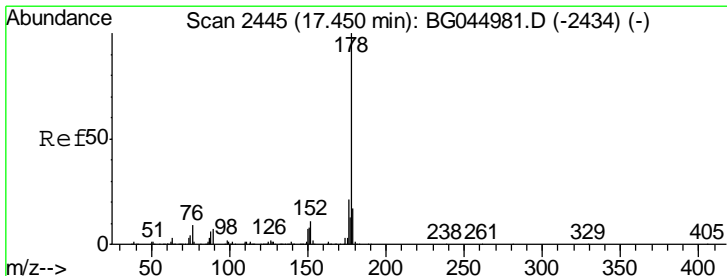
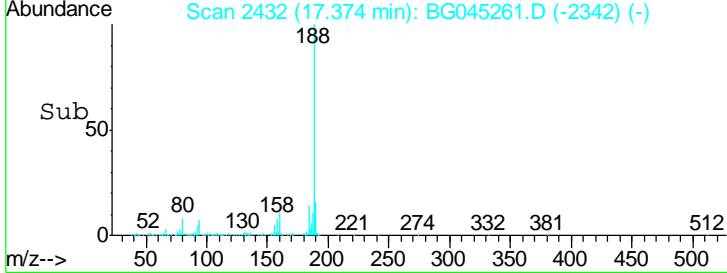
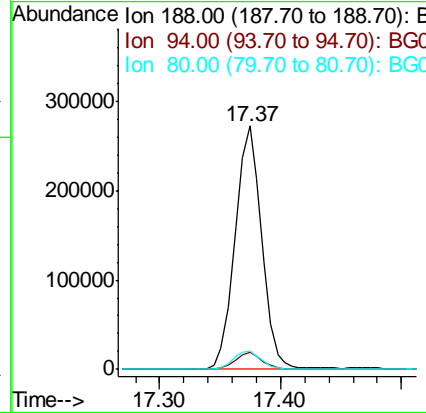
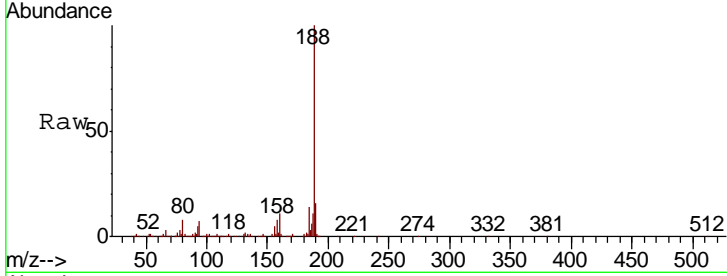




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.37 min Scan# 2432  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

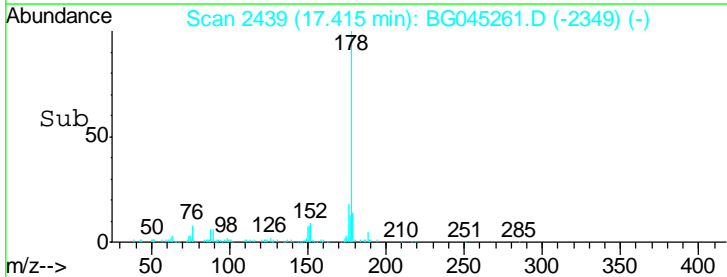
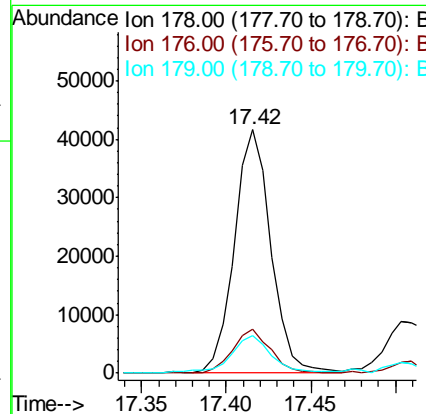
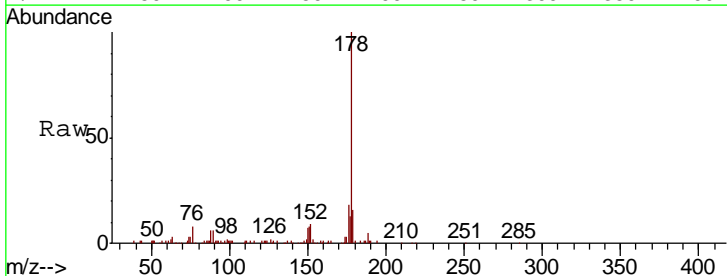
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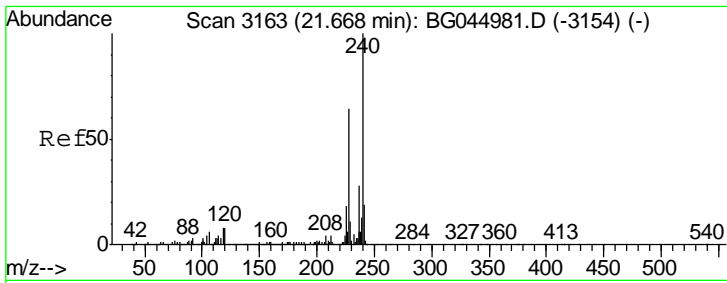
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.5	7.0	10.6



#71  
 Phenanthrene  
 Concen: 2.895 ng  
 RT: 17.42 min Scan# 2439  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
178	100		
176	17.9	16.8	25.2
179	15.6	13.2	19.8

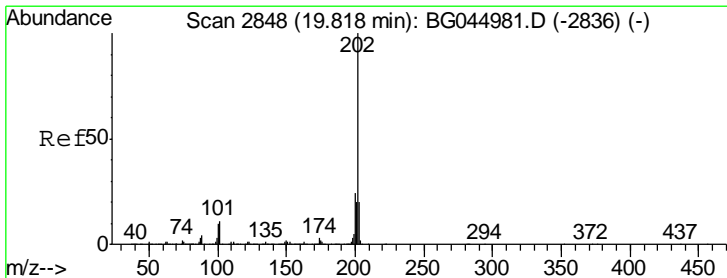
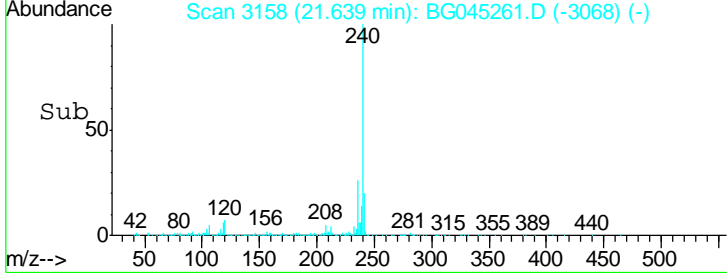
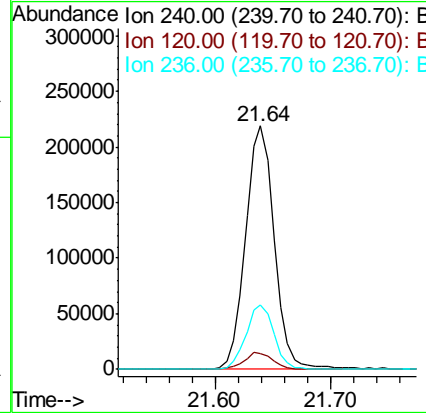
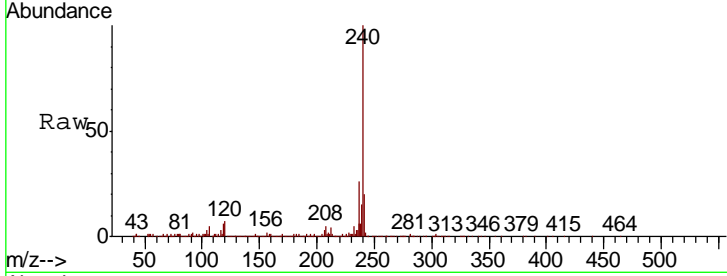




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.64 min Scan# 3158  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

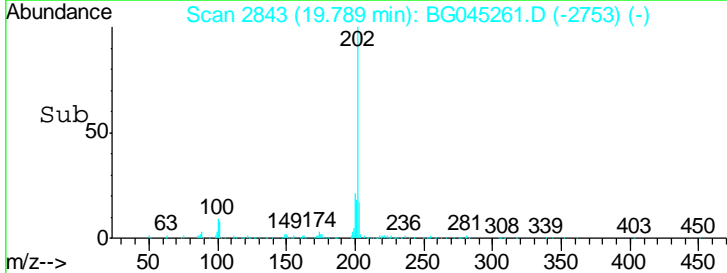
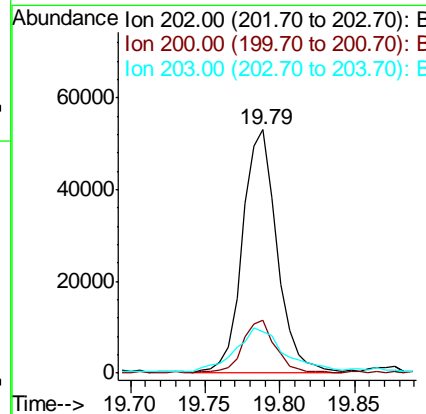
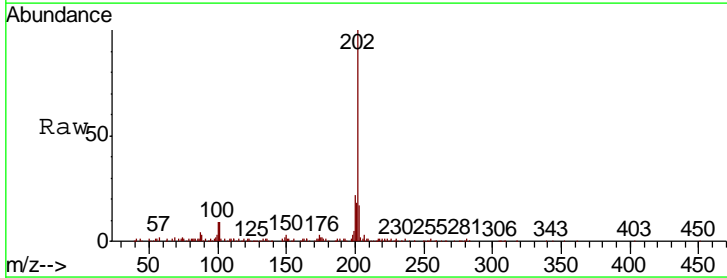
Instrument :  
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Tgt Ion	Resp	Lower	Upper
240	374709		
120	6.5	6.6	10.0#
236	26.4	22.2	33.2

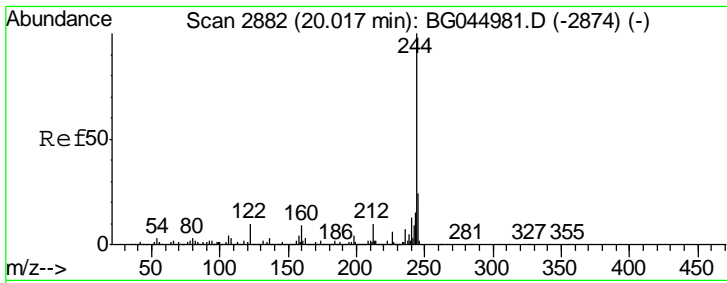


#78  
 Pyrene  
 Concen: 3.309 ng  
 RT: 19.79 min Scan# 2843  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Resp	Lower	Upper
202	85488		
200	21.6	19.0	28.6
203	17.1	16.1	24.1



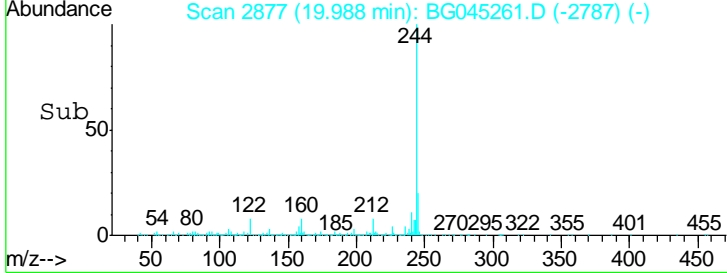
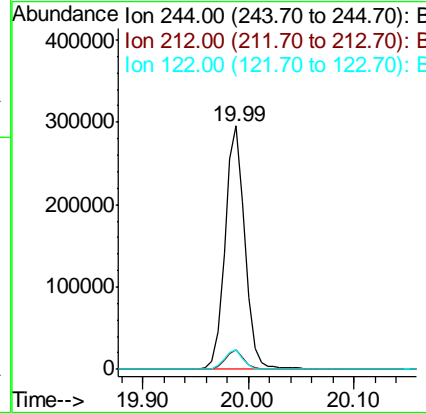
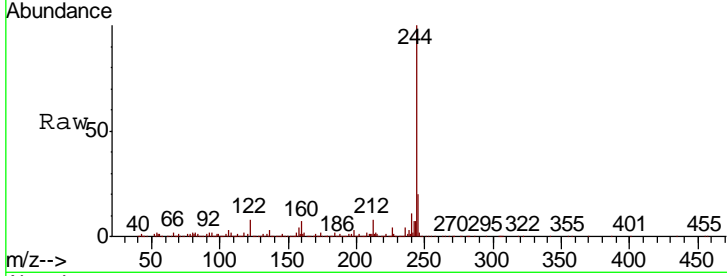




#79  
 Terphenyl-d14  
 Concen: 22.446 ng  
 RT: 19.99 min Scan# 2877  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 BU-03-050520

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.9	11.9
122	8.0	7.7	11.5



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.81 min Scan# 3698  
 Delta R.T. -0.00 min  
 Lab File: BG045261.D  
 Acq: 6 May 2020 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.2	28.8
265	22.3	19.0	28.4

