

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN052120\  
 Data File : BN010732.D  
 Acq On : 21 May 2020 17:34  
 Operator : CG/JU  
 Sample : PB129048BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB129048BL

Quant Time: May 21 18:07:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN051320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 16:54:53 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2802	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	10405	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	6234	0.40	ng	0.01
19) Phenanthrene-d10	16.97	188	12890	0.40	ng	0.02
27) Chrysene-d12	21.16	240	9738	0.40	ng	0.01
34) Perylene-d12	23.33	264	8807	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1738	0.32	ng	0.00
5) Phenol-d6	6.78	99	1674	0.25	ng	0.00
8) Nitrobenzene-d5	8.73	82	2179	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.95	152	5245	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.75	330	571	0.25	ng	0.04
15) 2-Fluorobiphenyl	12.85	172	6456	0.28	ng	0.03
25) Fluoranthene-d10	19.01	212	11333	0.32	ng	0.03
29) Terphenyl-d14	19.61	244	8402	0.36	ng	0.02

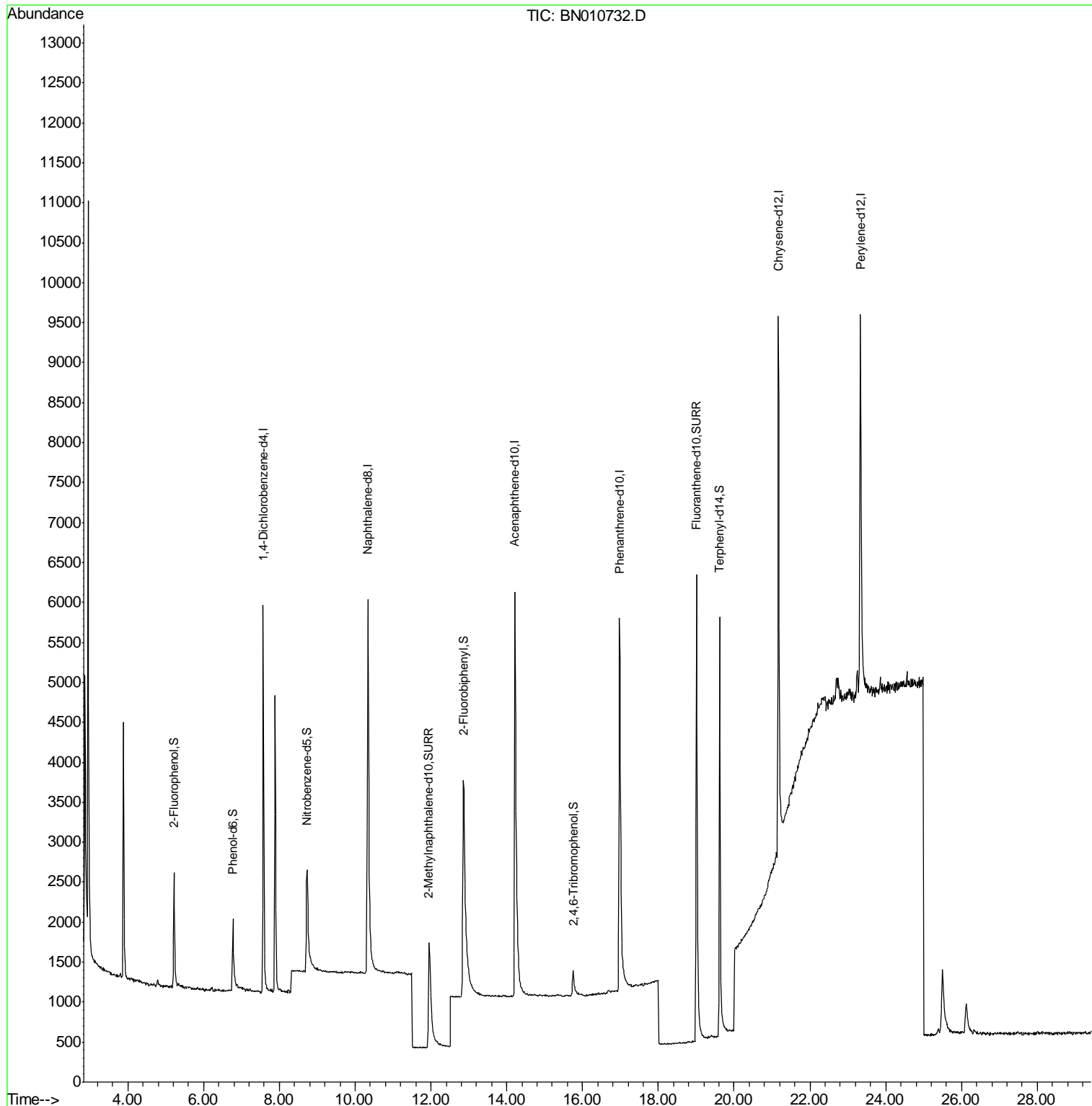
Target Compounds Qvalue

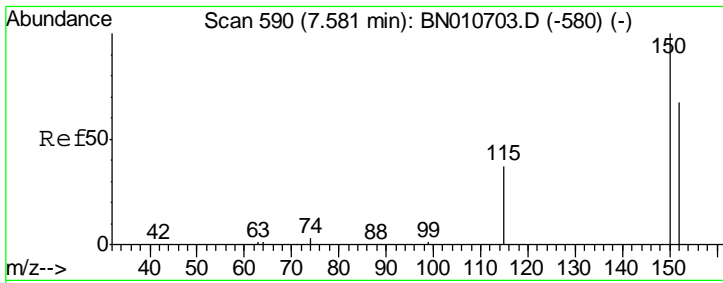
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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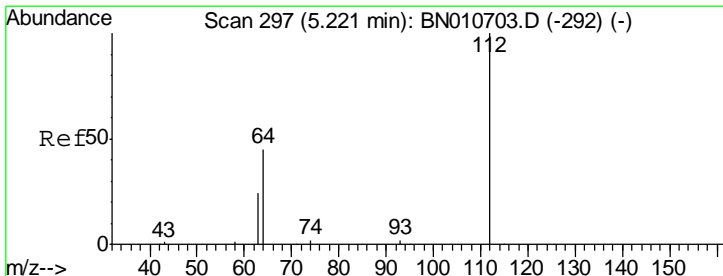
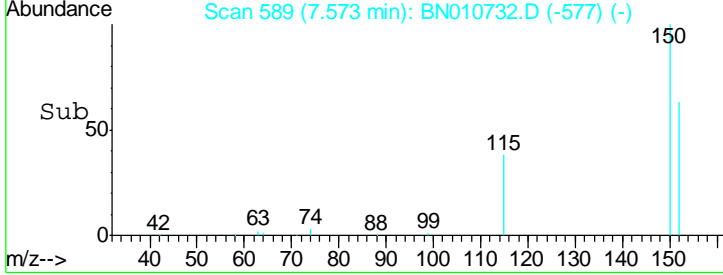
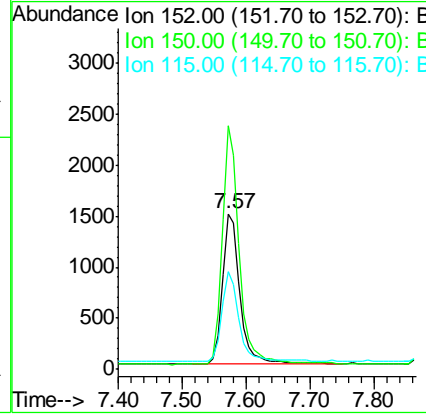
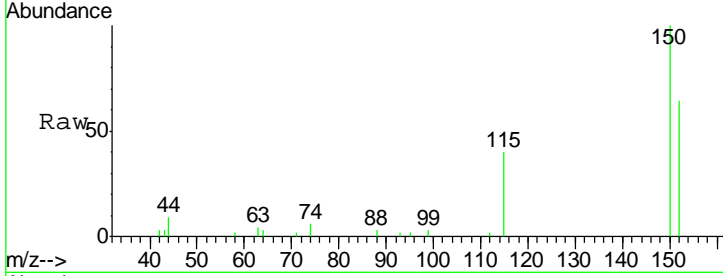




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.57 min Scan# 589  
 Delta R.T. 0.00 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

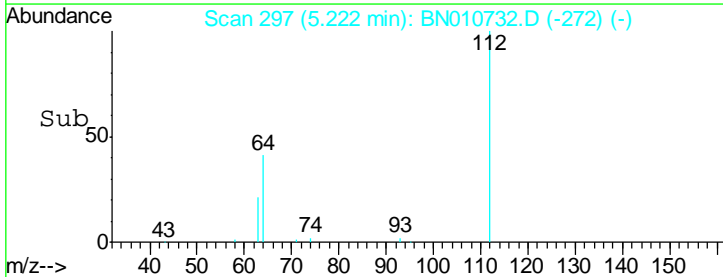
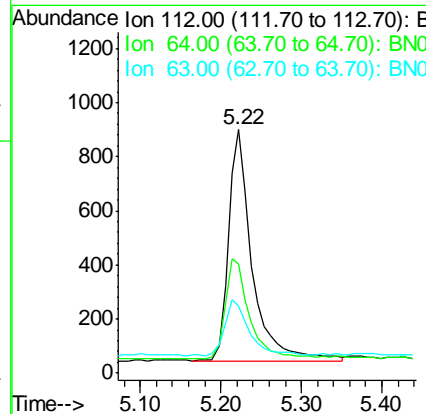
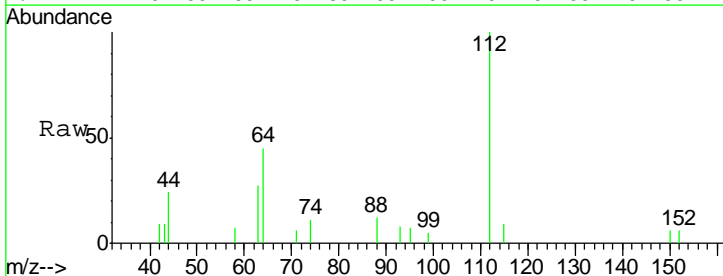
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 PB129048BL

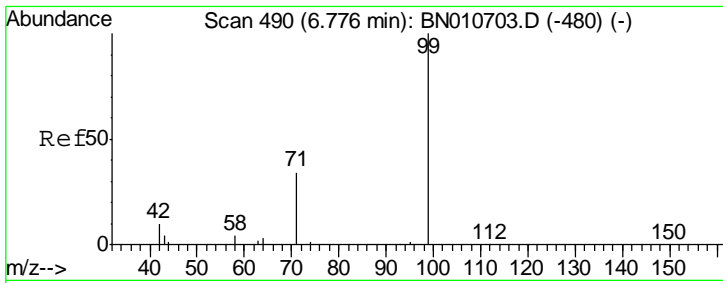
Tgt Ion	Resp	Lower	Upper
152	100		
150	156.2	119.4	179.0
115	62.6	45.9	68.9



#4  
 2-Fluorophenol  
 Concen: 0.32 ng  
 RT: 5.22 min Scan# 297  
 Delta R.T. 0.00 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion	Resp	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	24.8	19.8	29.8

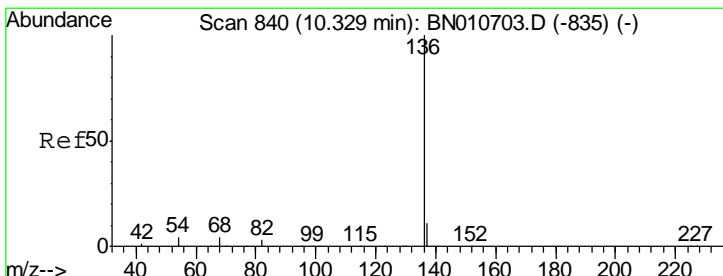
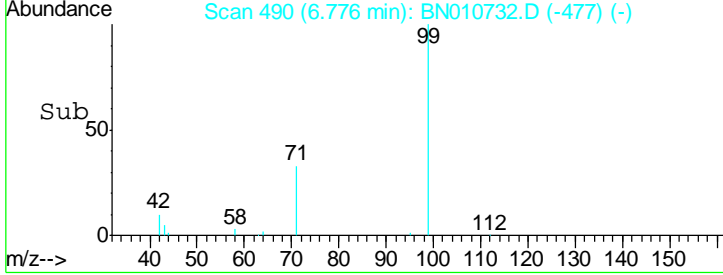
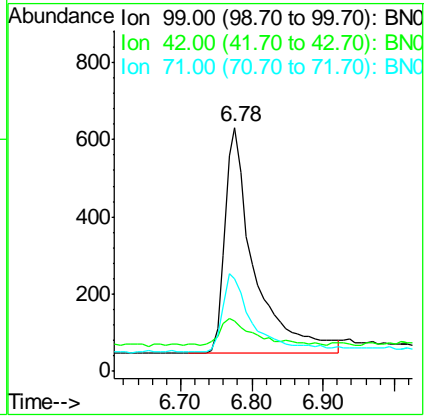
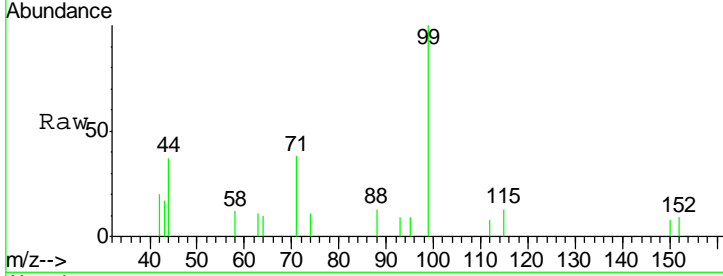




#5  
 Phenol-d6  
 Concen: 0.25 ng  
 RT: 6.78 min Scan# 490  
 Delta R.T. 0.01 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

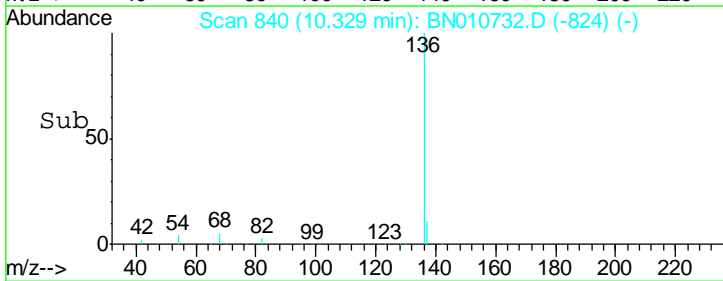
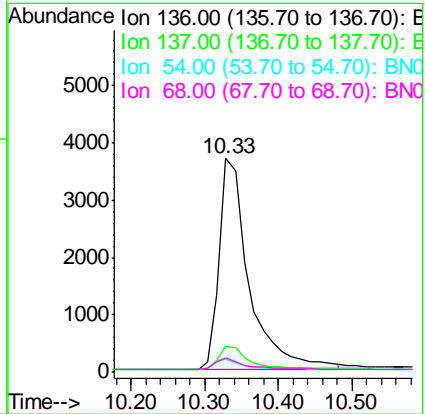
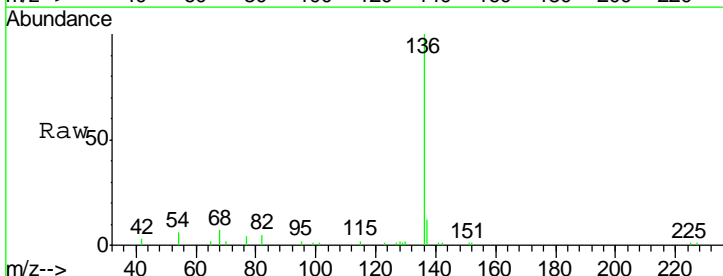
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 PB129048BL

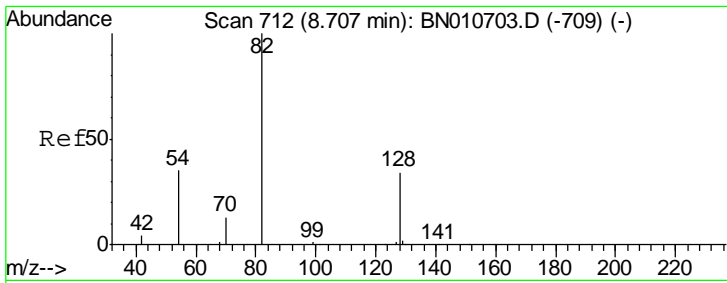
Tgt Ion	Resp	Lower	Upper
99	1674		
42	13.8	9.8	14.8
71	36.7	28.6	42.8



#7  
 Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.33 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion	Resp	Lower	Upper
136	10405		
137	12.3	9.2	13.8
54	5.8	3.6	5.4#
68	6.7	4.1	6.1#

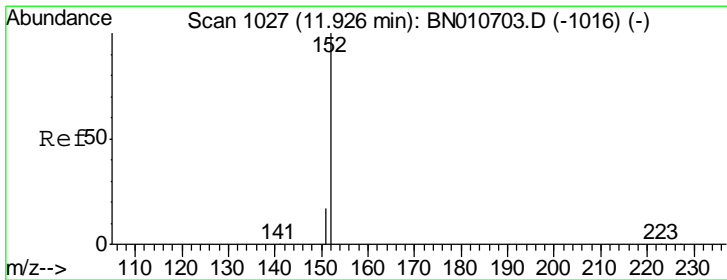
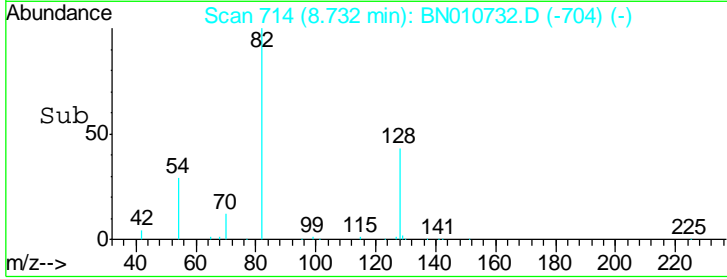
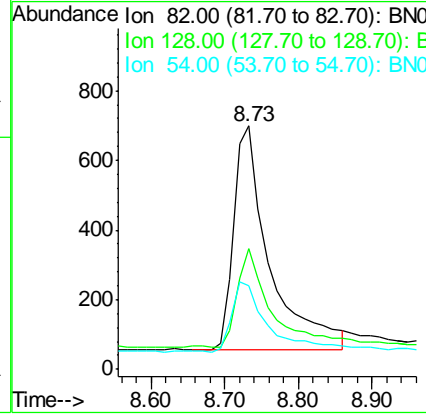
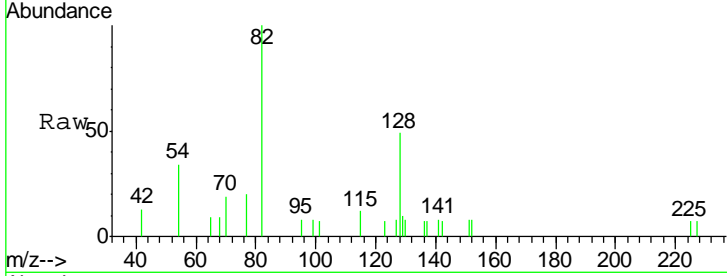




#8  
 Nitrobenzene-d5  
 Concen: 0.30 ng  
 RT: 8.73 min Scan# 714  
 Delta R.T. 0.03 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

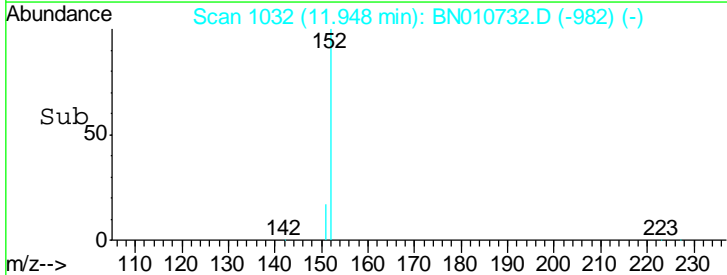
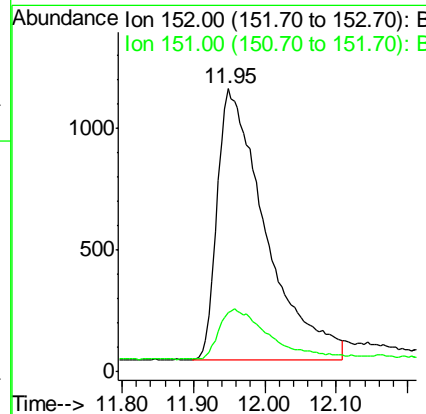
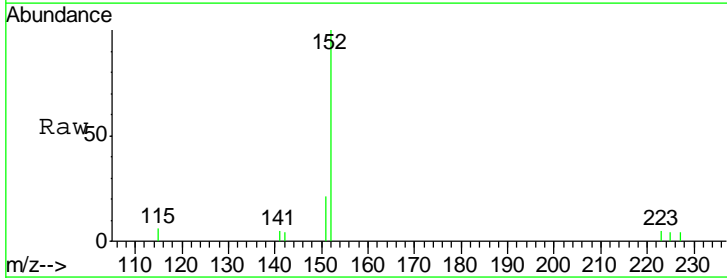
Instrument :  
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 ClientSampleId :  
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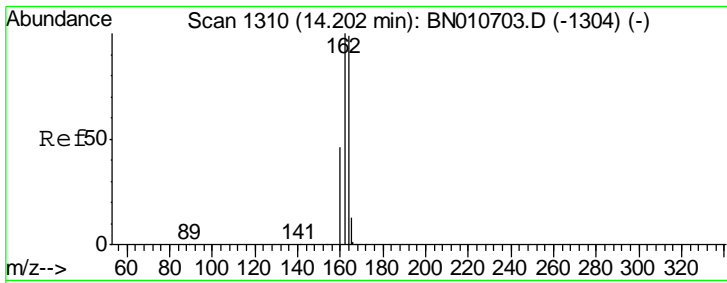
Tgt Ion	Resp	Lower	Upper
82	100		
128	49.4	29.0	43.4#
54	34.3	29.3	43.9



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.31 ng  
 RT: 11.95 min Scan# 1032  
 Delta R.T. 0.02 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion	Resp	Lower	Upper
152	100		
151	19.1	15.0	22.6



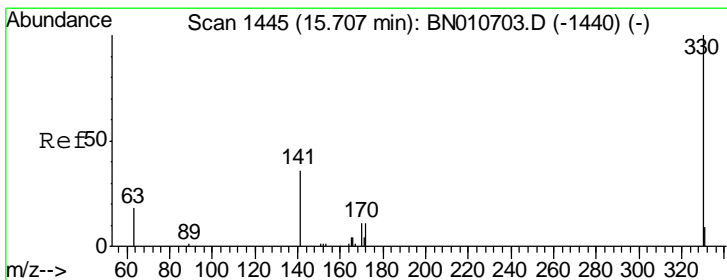
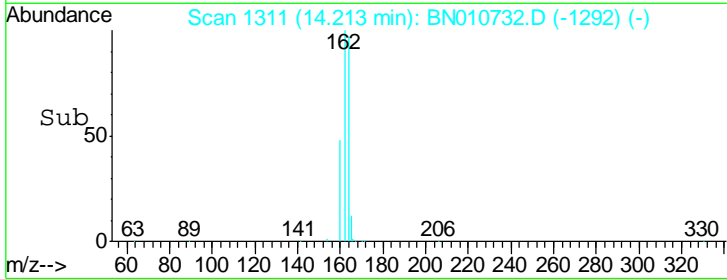
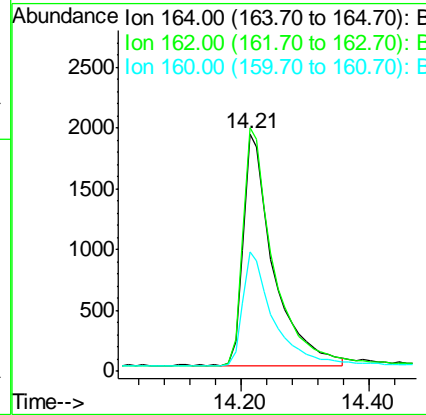
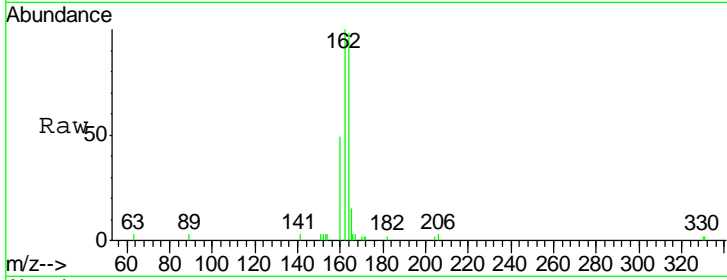


#13  
 Acenaphthene-d10  
 Concen: 0.40 ng  
 RT: 14.21 min Scan# 1311  
 Delta R.T. 0.01 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Instrument :  
 BNA\_N  
 ClientSampled :  
 PB129048BL

Tgt Ion:164 Resp: 6234

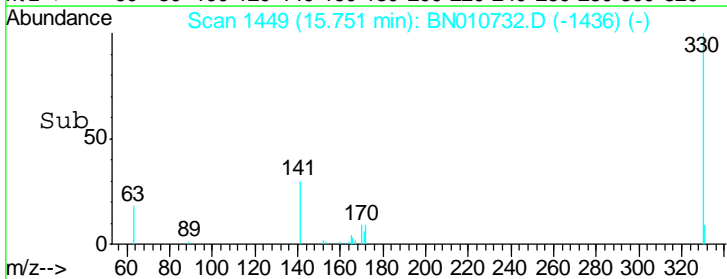
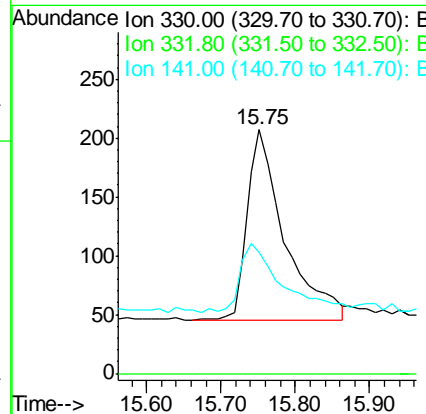
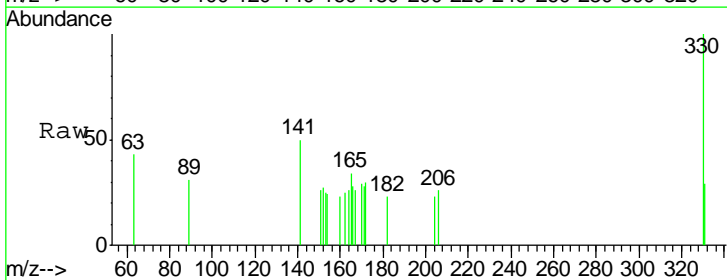
Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.1	121.7
160	50.5	37.9	56.9

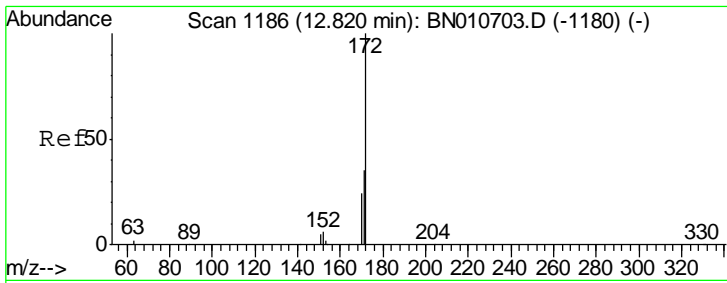


#14  
 2,4,6-Tribromophenol  
 Concen: 0.25 ng  
 RT: 15.75 min Scan# 1449  
 Delta R.T. 0.04 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion:330 Resp: 571

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.1	28.8	43.2

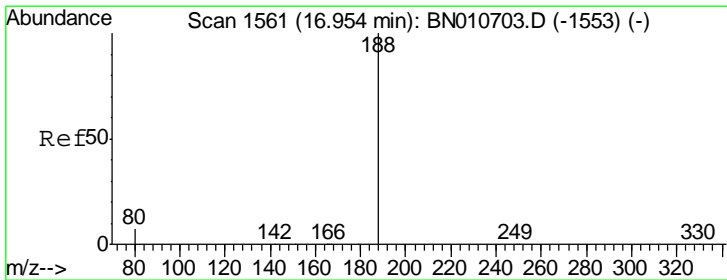
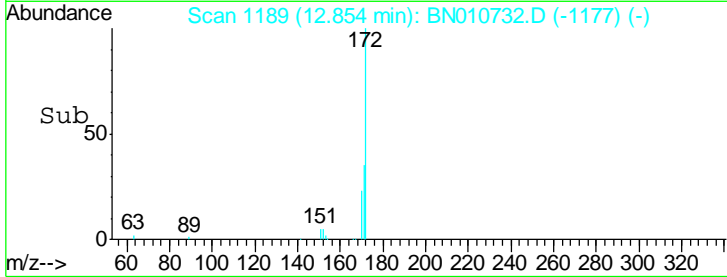
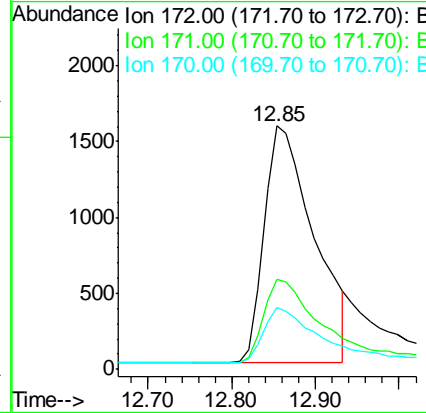
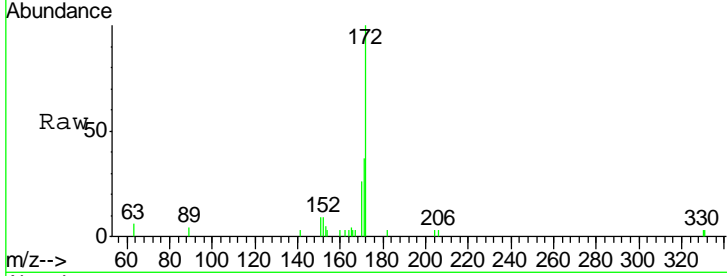




#15  
 2-Fluorobiphenyl  
 Concen: 0.28 ng  
 RT: 12.85 min Scan# 1189  
 Delta R.T. 0.03 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

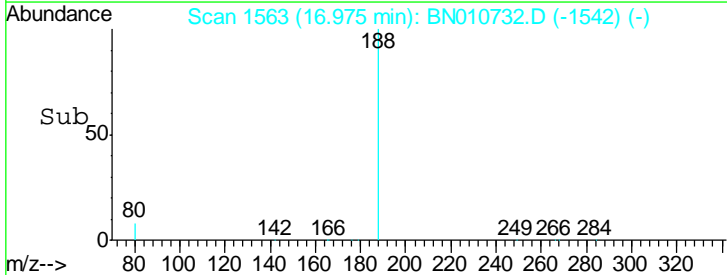
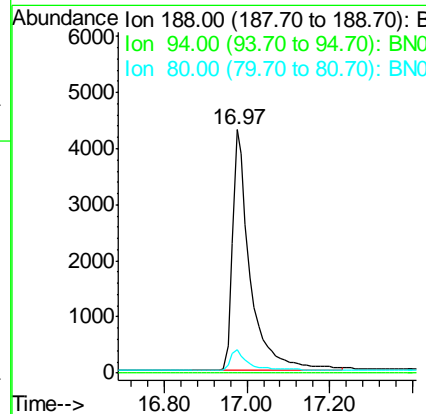
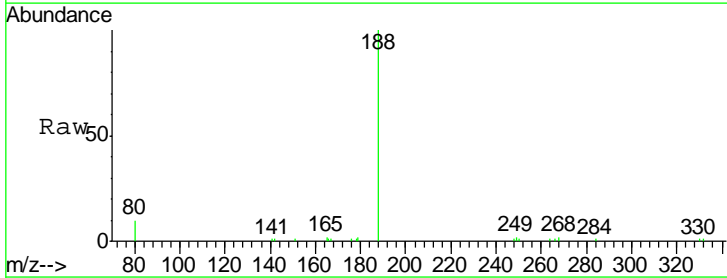
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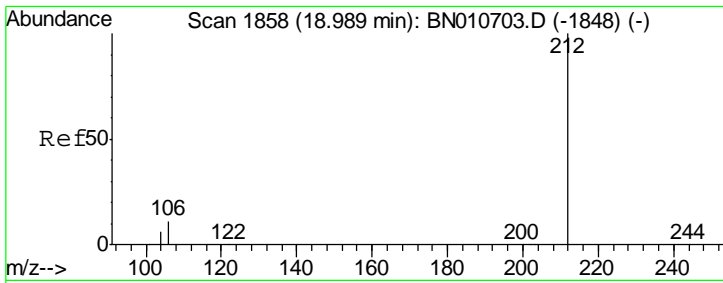
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	25.6	19.8	29.8



#19  
 Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 16.97 min Scan# 1563  
 Delta R.T. 0.02 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.3	9.5#

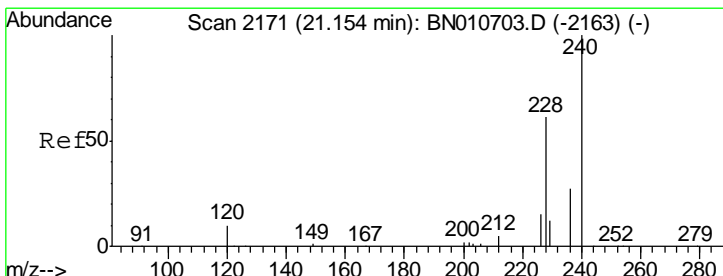
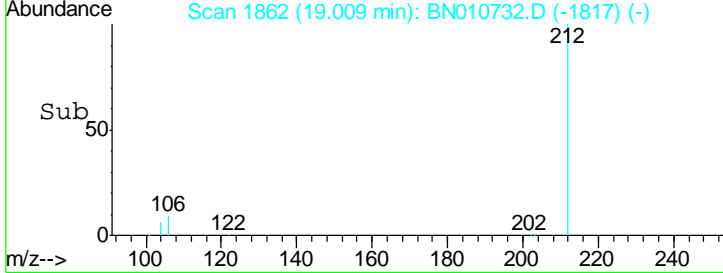
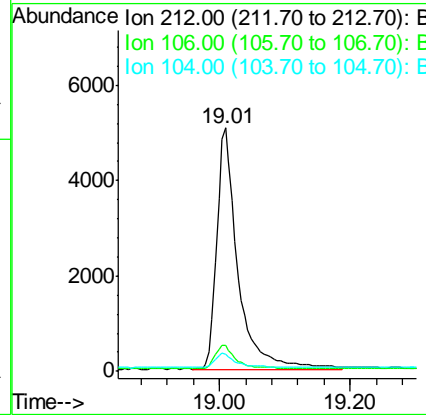
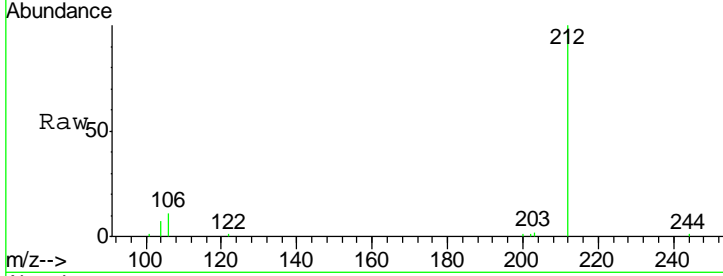




#25  
 Fluoranthene-d10  
 Concen: 0.32 ng  
 RT: 19.01 min Scan# 1862  
 Delta R.T. 0.03 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

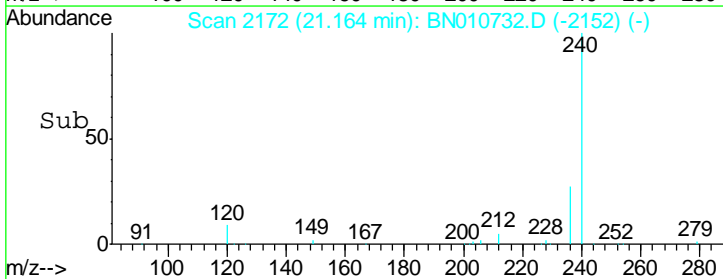
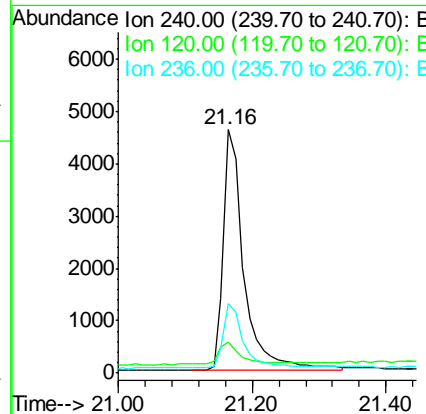
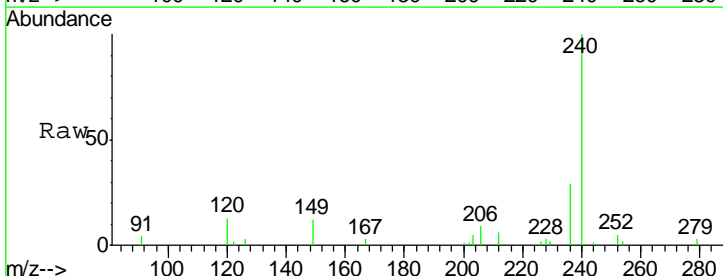
Instrument :  
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Tgt Ion	Resp	Lower	Upper
212	11333		
106	9.8	8.2	12.2
104	6.0	4.7	7.1

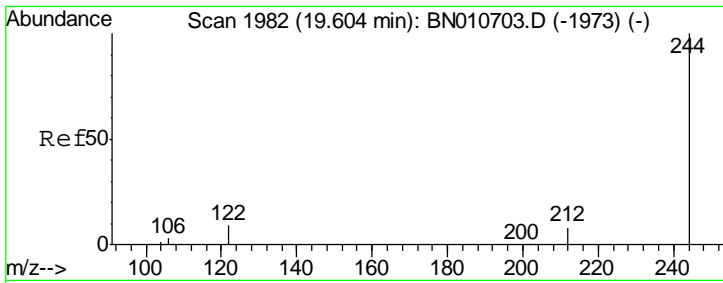


#27  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.16 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: BN010732.D  
 Acq: 21 May 2020 17:34

Tgt Ion	Resp	Lower	Upper
240	9738		
120	12.7	9.5	14.3
236	28.8	22.5	33.7



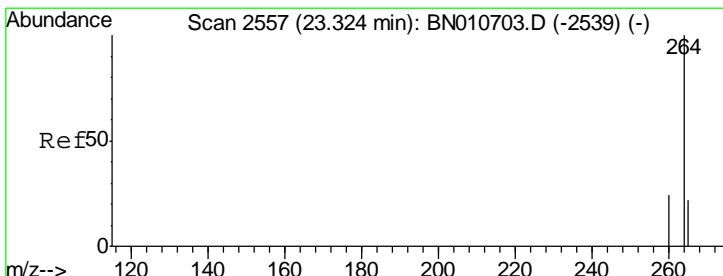
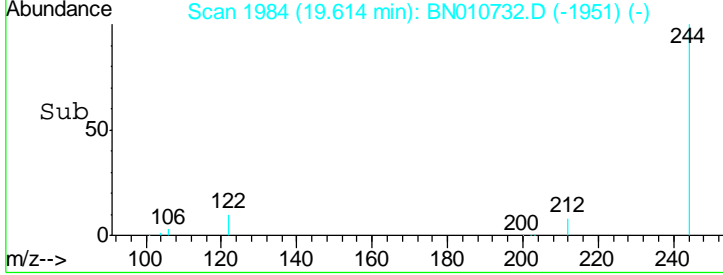
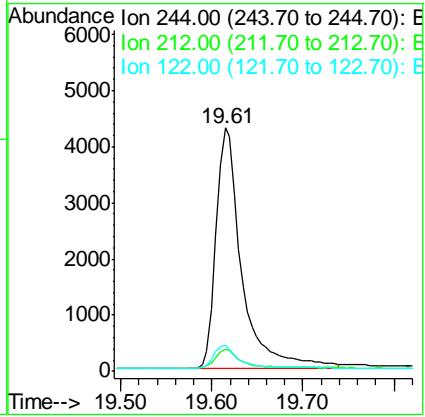
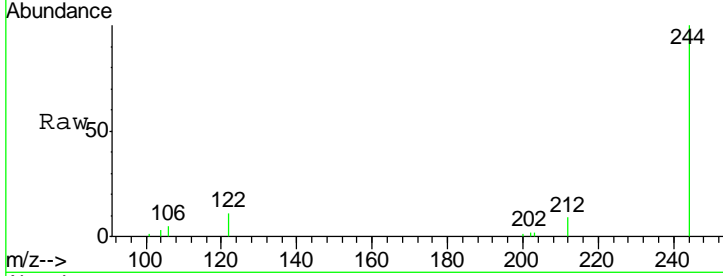




#29  
 Terphenyl-d14  
 Concen: 0.36 ng  
 RT: 19.61 min Scan# 1984  
 Delta R.T. 0.02 min  
 Lab File: BN010732.D  
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Tgt Ion	Resp	Lower	Upper
244	100		
212	9.4	6.8	10.2
122	10.8	8.1	12.1



#34  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.33 min Scan# 2559  
 Delta R.T. 0.01 min  
 Lab File: BN010732.D  
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Tgt Ion	Resp	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	117.2	70.1	105.1#

