

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\  
 Data File : BM027172.D  
 Acq On : 21 Aug 2020 16:37  
 Operator : JU/CG  
 Sample : PB131109BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BL

Quant Time: Aug 21 17:11:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 21 15:18:25 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	98911	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	338093	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	193622	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	391209	20.00	ng	0.00
76) Chrysene-d12	21.19	240	355892	20.00	ng	0.00
86) Perylene-d12	23.38	264	367785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	655971	129.29	ng	0.00
7) Phenol-d6	6.80	99	801969	115.12	ng	0.00
23) Nitrobenzene-d5	8.76	82	637080	77.74	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	300432	95.82	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1209195	82.04	ng	0.00
79) Terphenyl-d14	19.64	244	1541969	80.94	ng	0.00

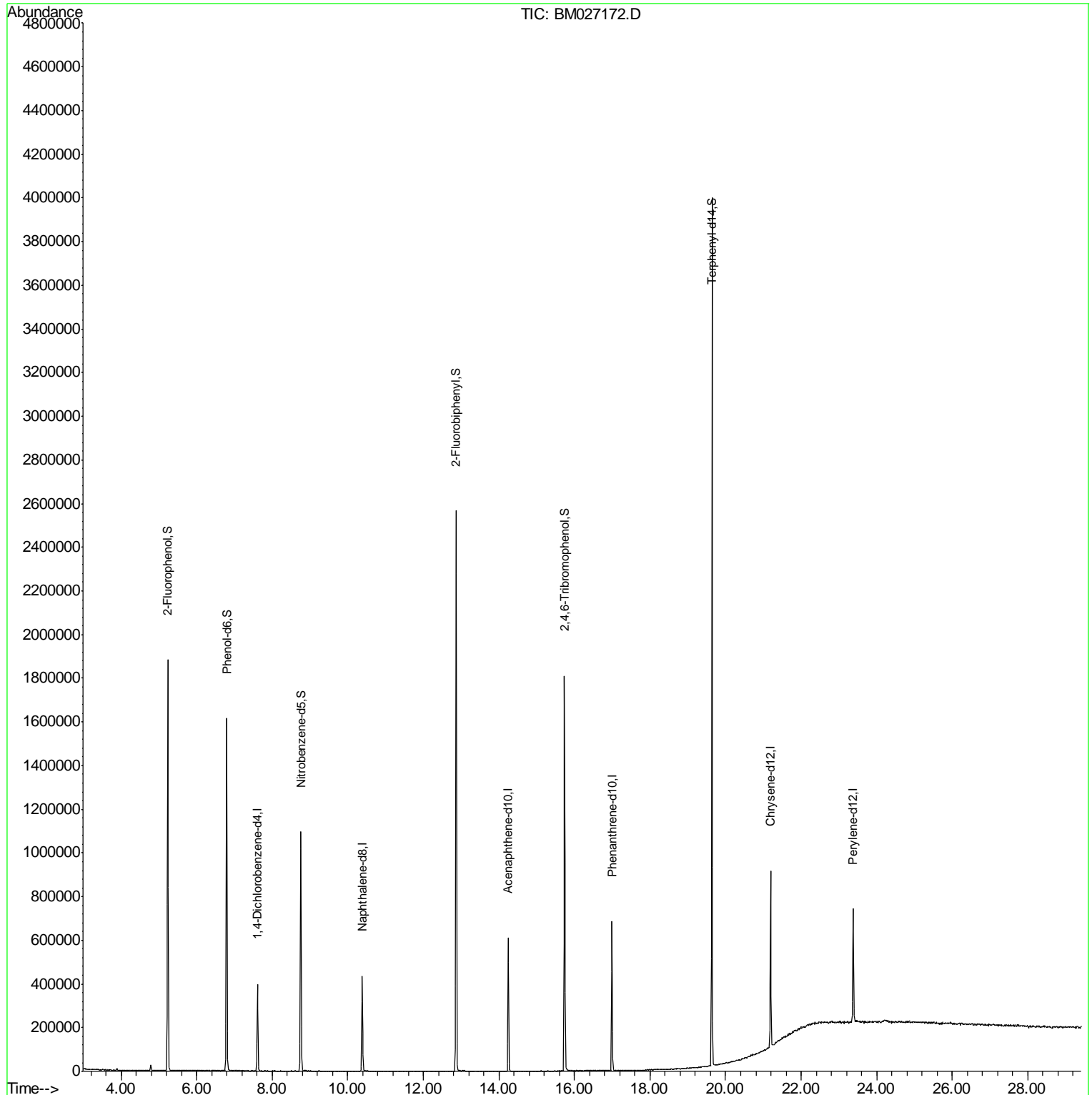
Target Compounds Qvalue

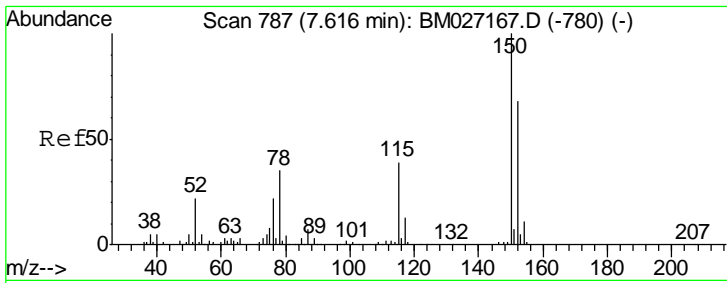
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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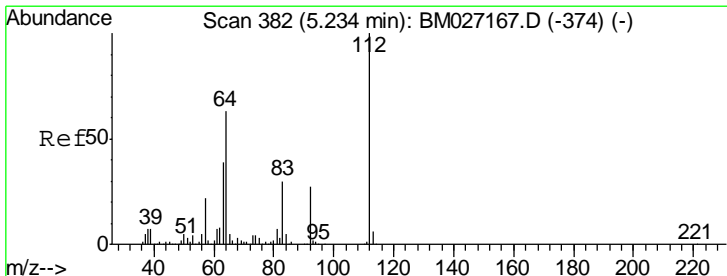
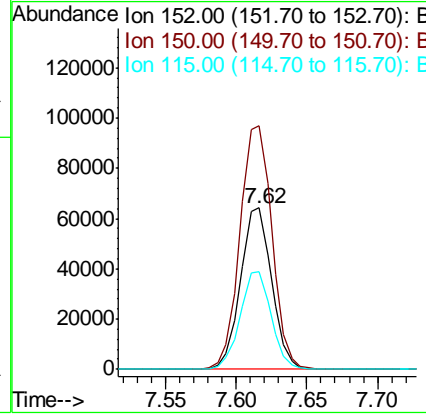
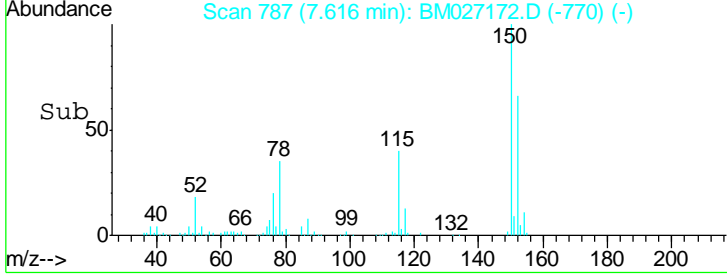
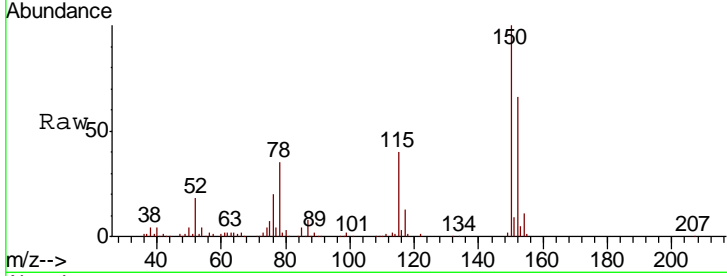




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.62 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

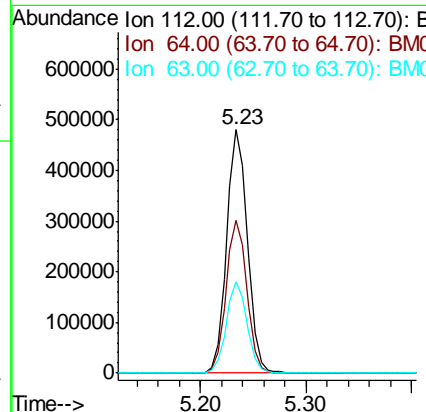
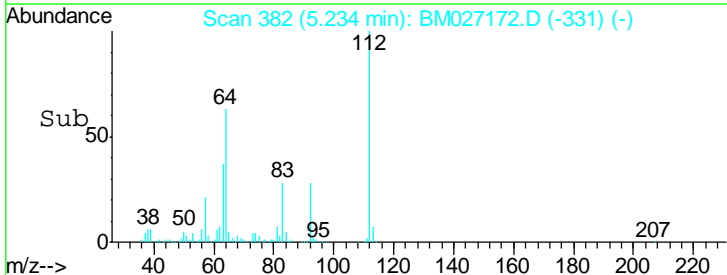
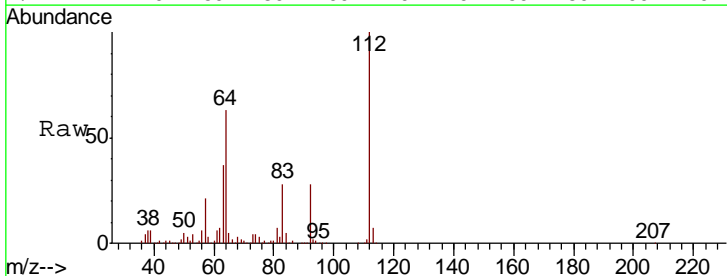
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 BNA\_M  
**ClientSampled :**  
 PB131109BL

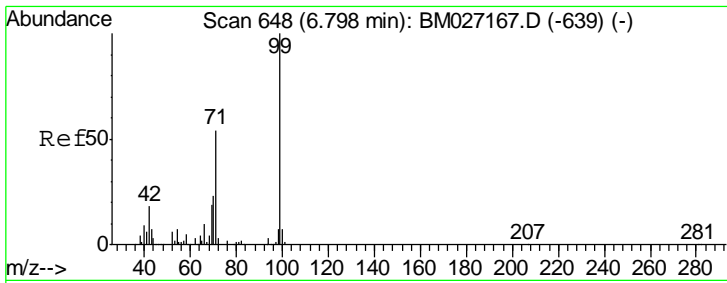
Tgt Ion	Resp	Lower	Upper
152	100		
150	150.7	118.2	177.4
115	60.8	46.1	69.1



#5  
 2-Fluorophenol  
 Concen: 129.286 ng  
 RT: 5.23 min Scan# 382  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion	Resp	Lower	Upper
112	100		
64	62.6	50.0	75.0
63	37.4	31.6	47.4

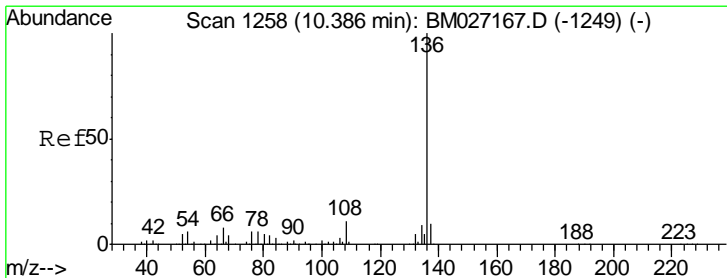
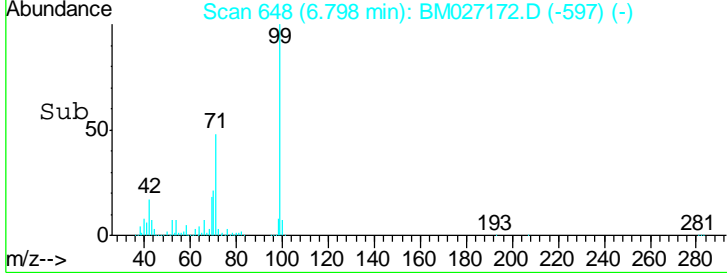
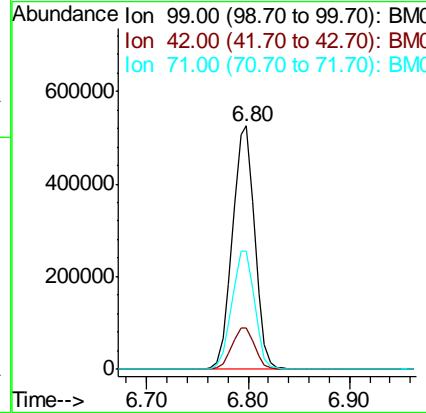
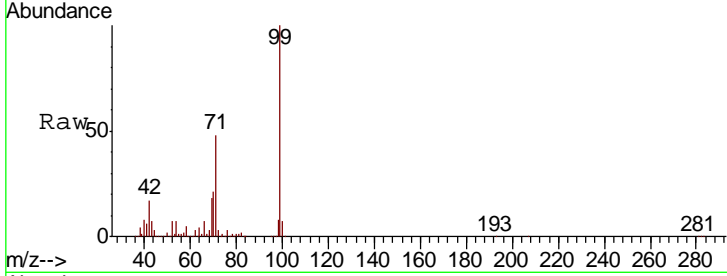




#7  
 Phenol-d6  
 Concen: 115.121 ng  
 RT: 6.80 min Scan# 648  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

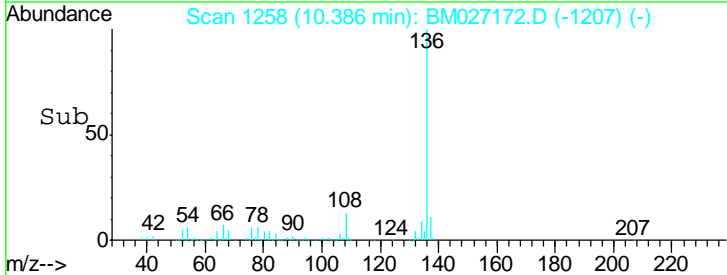
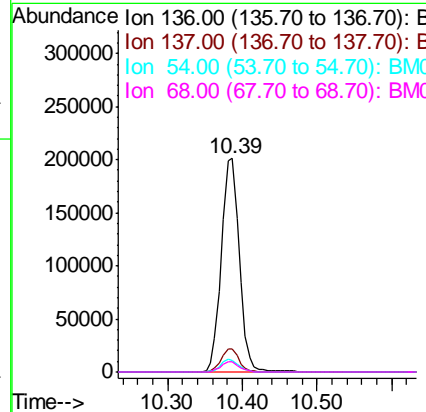
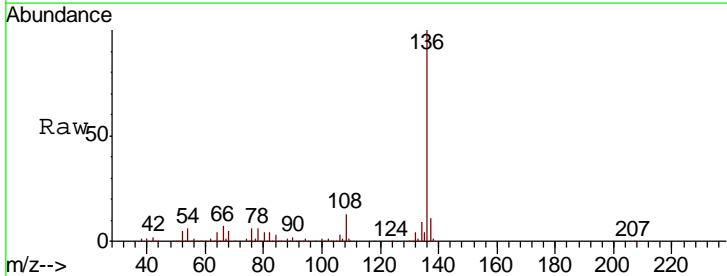
**Instrument :**  
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**ClientSampled :**  
 PB131109BL

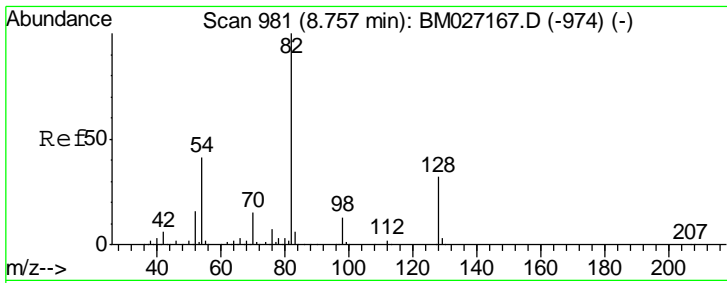
Tgt Ion	Resp	Lower	Upper
99	801969		
42	17.2	14.5	21.7
71	48.3	43.0	64.4



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.39 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion	Resp	Lower	Upper
136	338093		
137	11.1	8.2	12.4
54	5.7	4.8	7.2
68	4.6	3.5	5.3

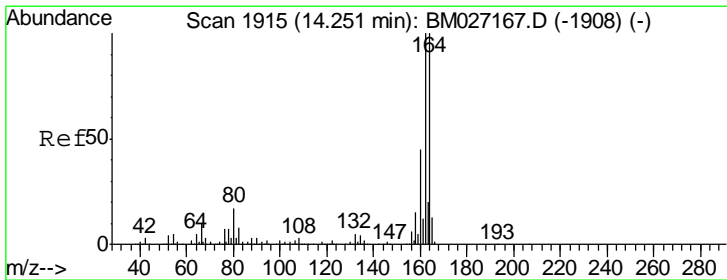
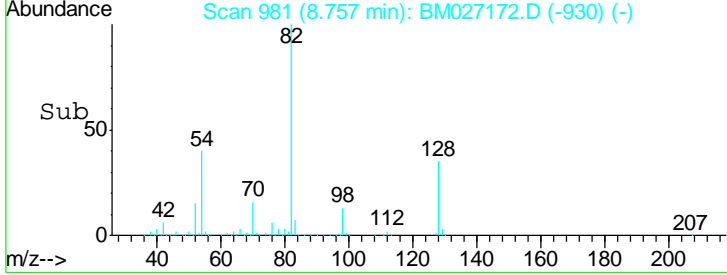
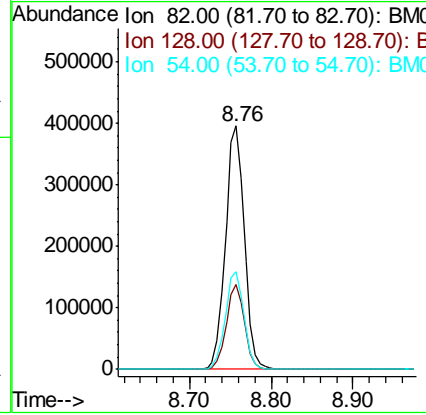
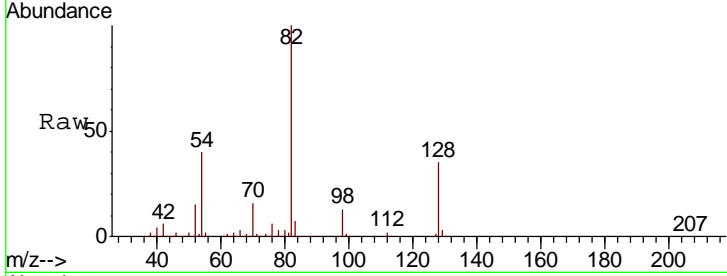




#23  
 Nitrobenzene-d5  
 Concen: 77.742 ng  
 RT: 8.76 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

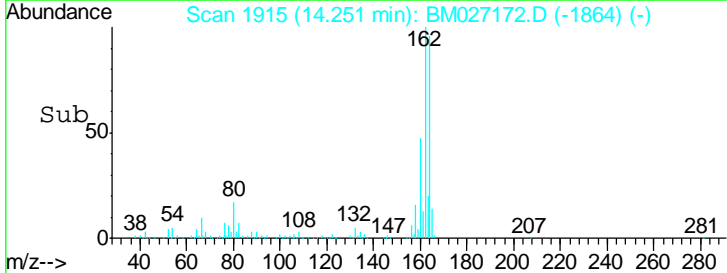
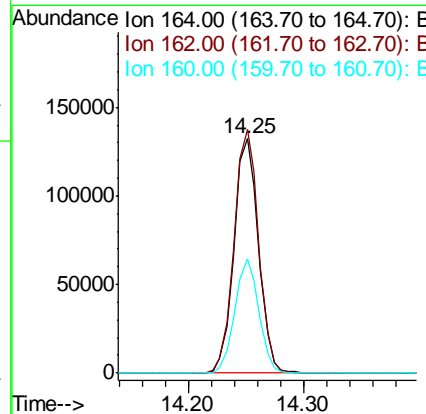
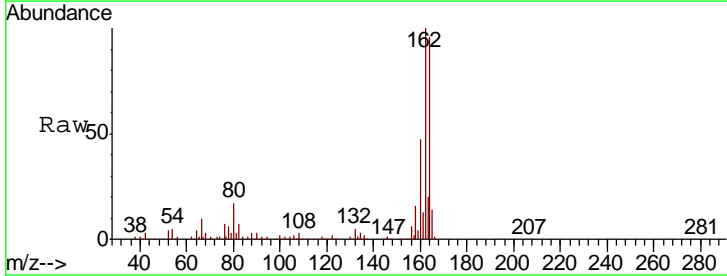
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**ClientSampled :**  
 PB131109BL

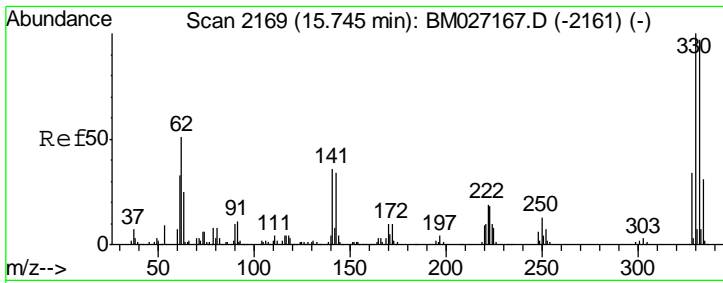
Tgt Ion	Resp	Lower	Upper
82	100		
128	34.7	25.7	38.5
54	40.2	33.0	49.4



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.25 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.9	80.2	120.4
160	49.0	36.3	54.5

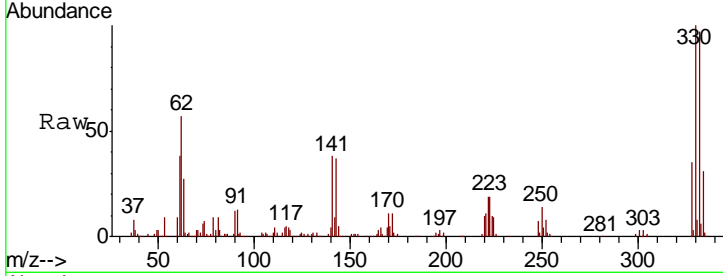




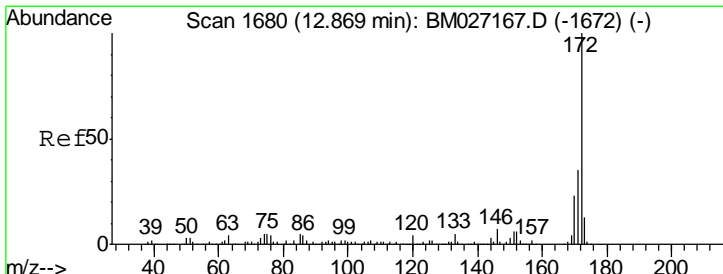
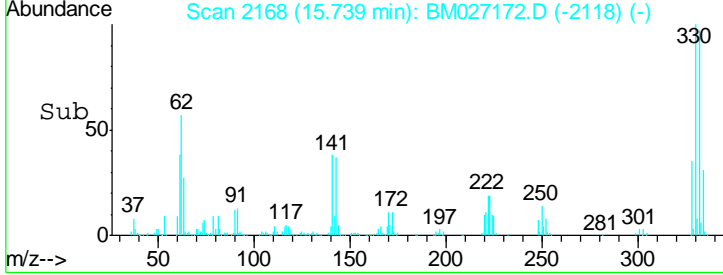
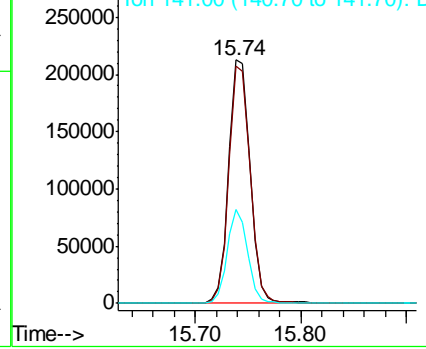
#42  
 2,4,6-Tribromophenol  
 Concen: 95.820 ng  
 RT: 15.74 min Scan# 2168  
 Delta R.T. -0.01 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Instrument :  
 BNA\_M  
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 PB131109BL

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	36.8	31.0	46.6

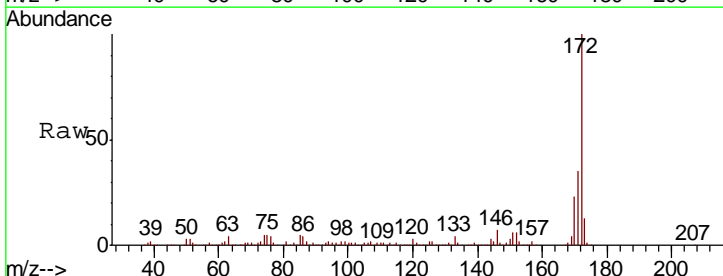


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

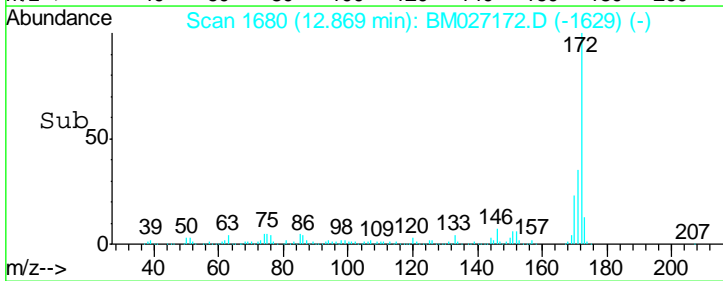
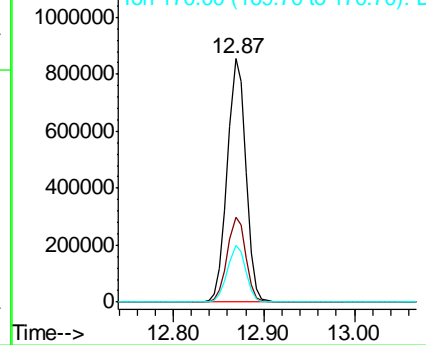


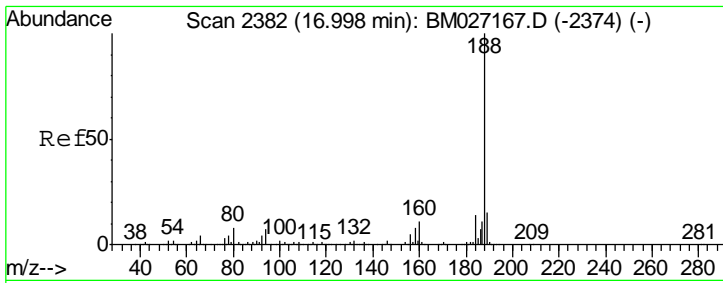
#45  
 2-Fluorobiphenyl  
 Concen: 82.037 ng  
 RT: 12.87 min Scan# 1680  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion	Resp	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.2	18.6	28.0



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

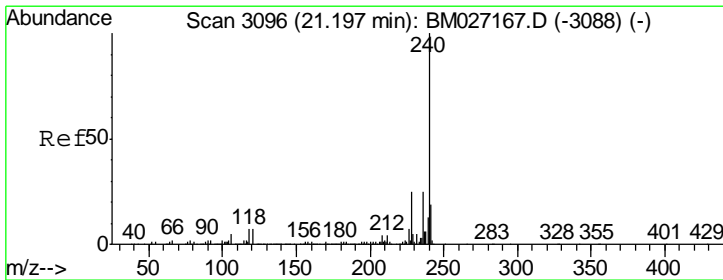
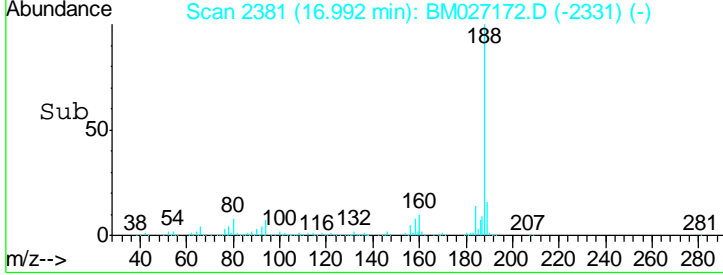
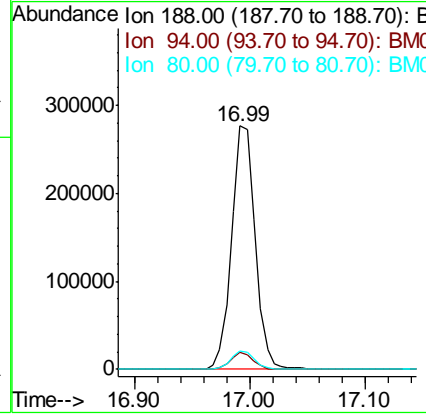
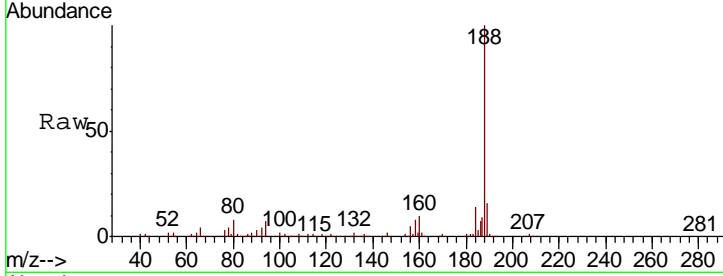




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.99 min Scan# 2381  
 Delta R.T. -0.01 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

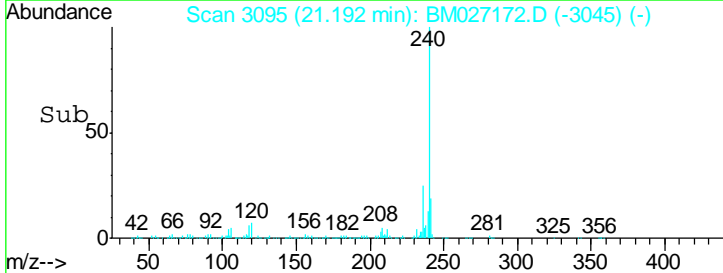
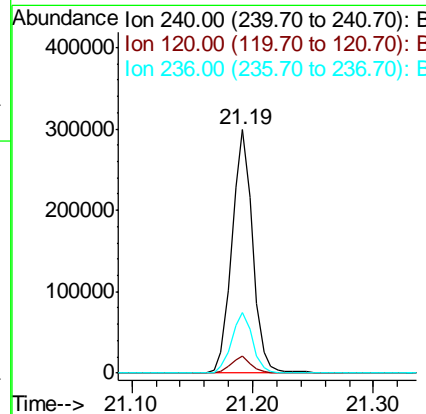
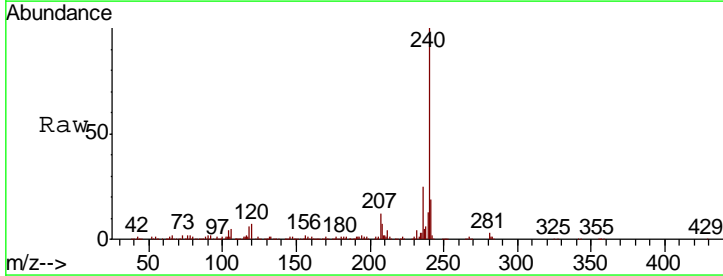
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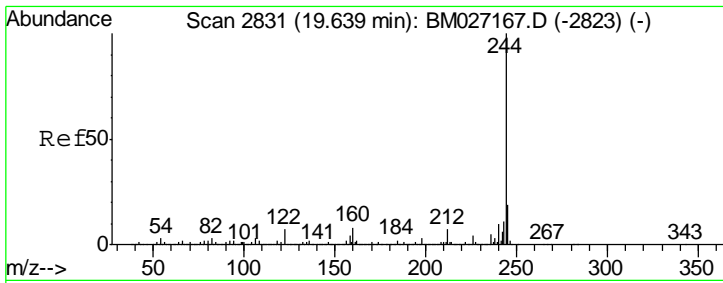
Tgt Ion	Resp	Lower	Upper
188	391209		
94	7.2	5.5	8.3
80	7.6	6.2	9.4



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.19 min Scan# 3095  
 Delta R.T. -0.01 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion	Resp	Lower	Upper
240	355892		
120	7.0	5.6	8.4
236	25.1	19.8	29.6



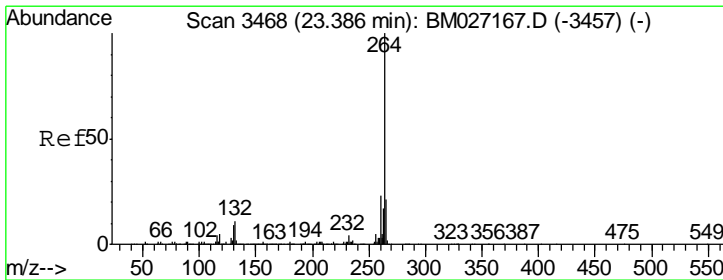
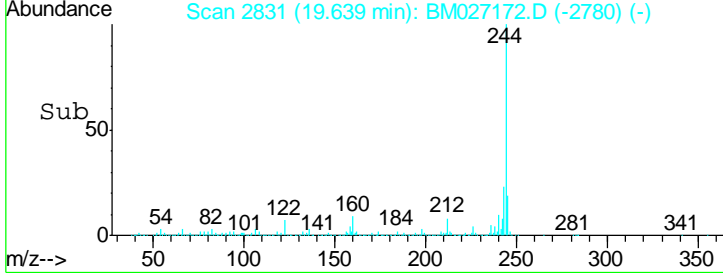
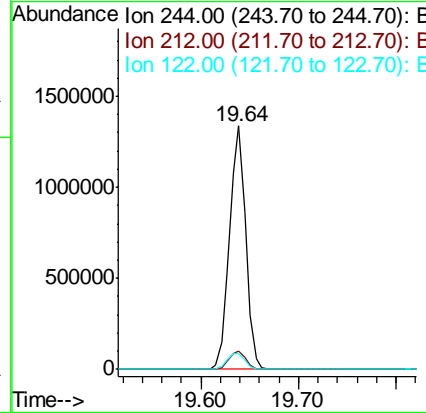
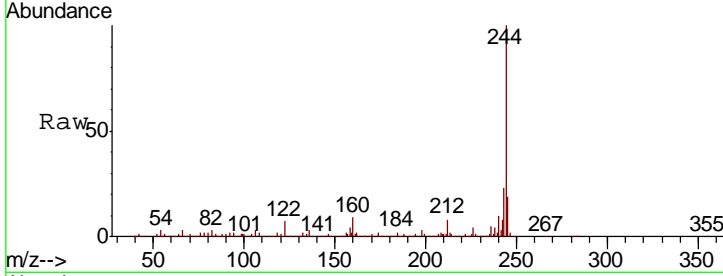


#79  
 Terphenyl-d14  
 Concen: 80.937 ng  
 RT: 19.64 min Scan# 2831  
 Delta R.T. -0.00 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 PB131109BL

Tgt Ion: 244 Resp: 1541969

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.7	5.8	8.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.38 min Scan# 3467  
 Delta R.T. -0.01 min  
 Lab File: BM027172.D  
 Acq: 21 Aug 2020 16:37

Tgt Ion: 264 Resp: 367785

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.2	17.5	26.3

