

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\  
 Data File : BP003111.D  
 Acq On : 26 Aug 2020 13:05  
 Operator : CG/JU  
 Sample : PB131208BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB131208BL

Quant Time: Aug 26 14:14:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 24 15:32:08 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	287874	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1115726	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	692888	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1566874	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1757243	20.00	ng	-0.01
86) Perylene-d12	23.39	264	1973634	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1906702	117.10	ng	0.00
7) Phenol-d6	6.85	99	2204798	108.02	ng	0.00
23) Nitrobenzene-d5	8.81	82	1309529	84.61	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1195859	127.61	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3848693	81.34	ng	0.00
79) Terphenyl-d14	19.63	244	5778169	72.35	ng	0.00

## Target Compounds

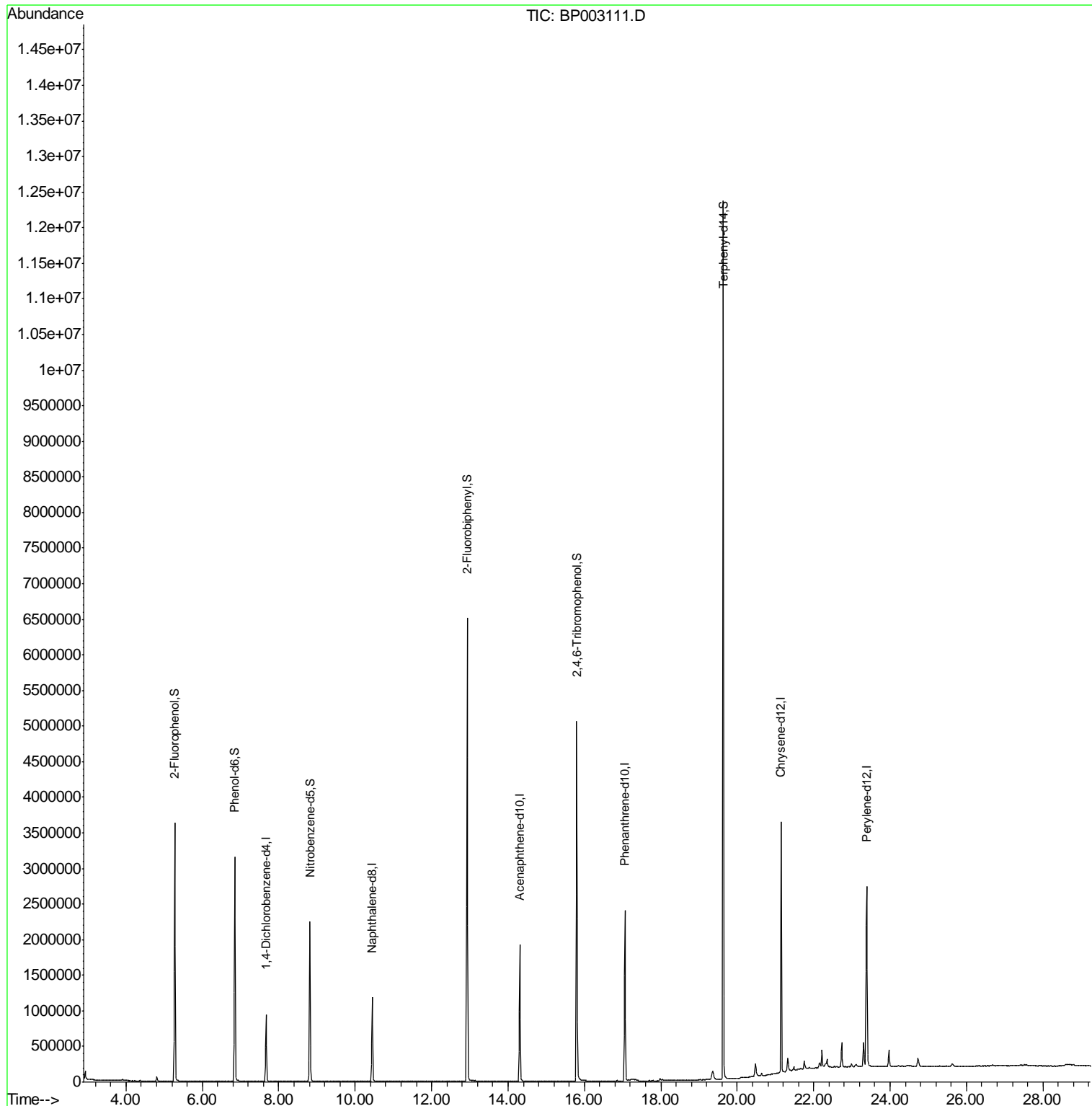
Qvalue

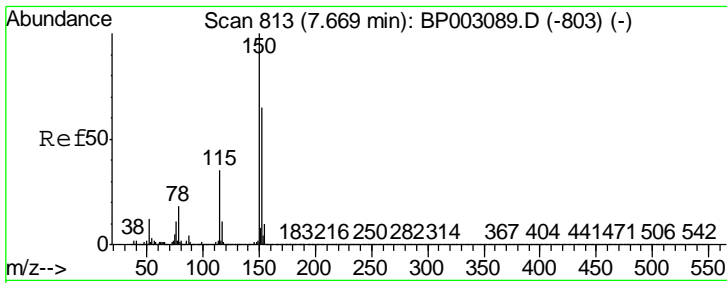
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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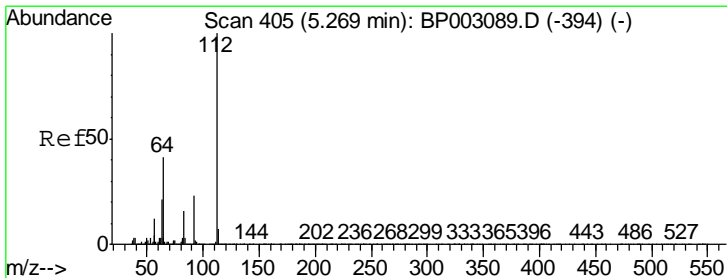
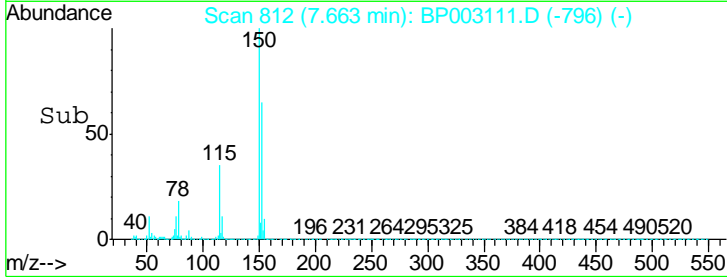
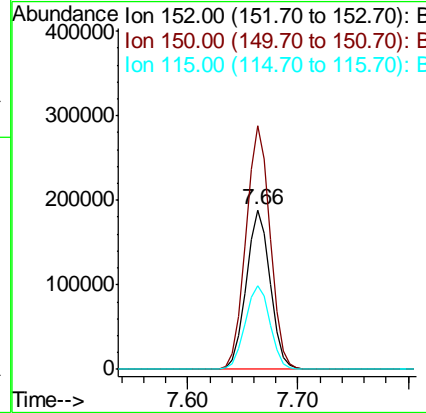
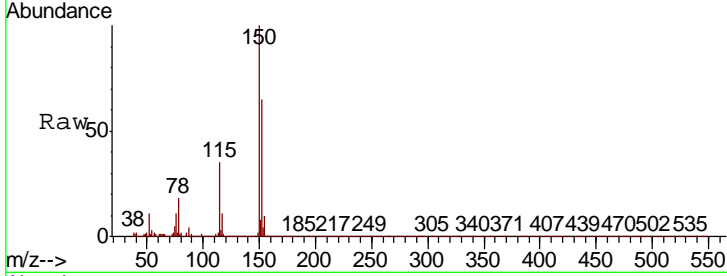




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.66 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

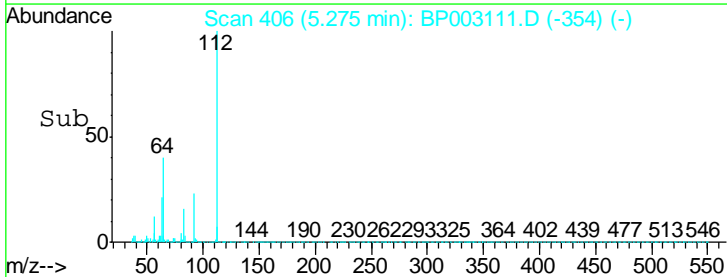
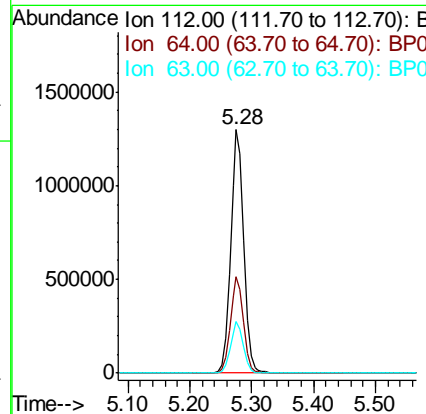
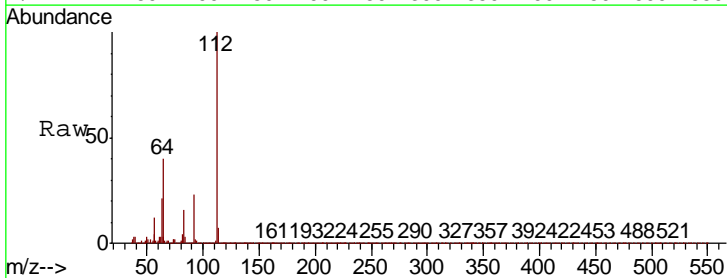
Instrument :  
 BNA\_P  
 ClientSampleID :  
 PB131208BL

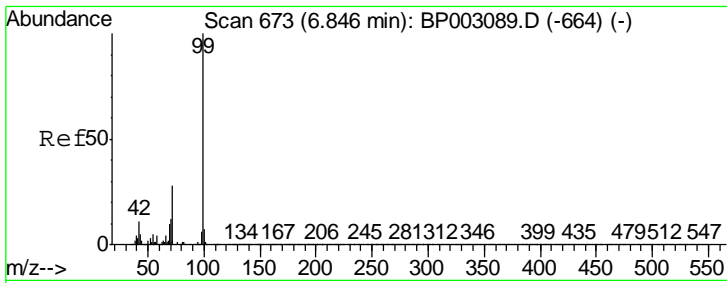
Tgt Ion	Resp	Lower	Upper
152	100		
150	153.0	123.1	184.7
115	52.9	42.8	64.2



#5  
 2-Fluorophenol  
 Concen: 117.103 ng  
 RT: 5.28 min Scan# 406  
 Delta R.T. 0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion	Resp	Lower	Upper
112	100		
64	39.7	33.0	49.6
63	21.0	16.9	25.3

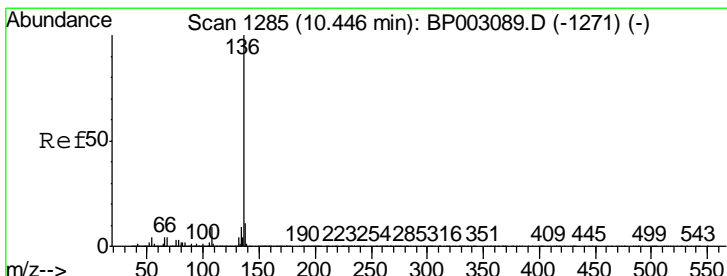
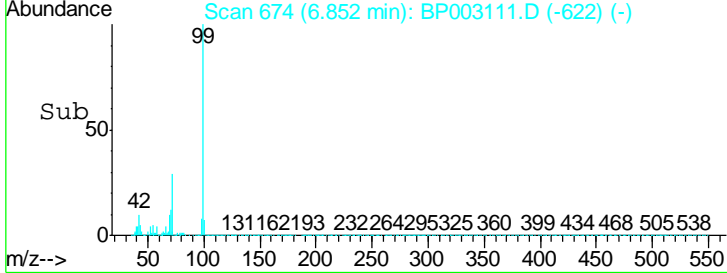
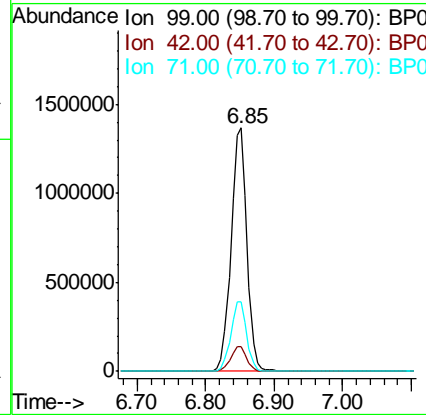
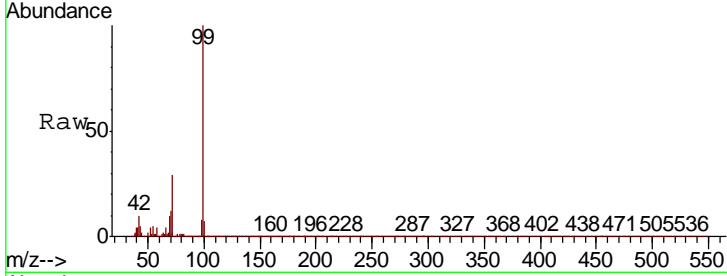




#7  
 Phenol-d6  
 Concen: 108.021 ng  
 RT: 6.85 min Scan# 674  
 Delta R.T. 0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

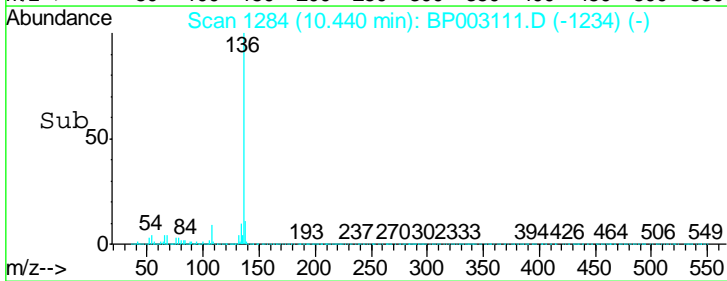
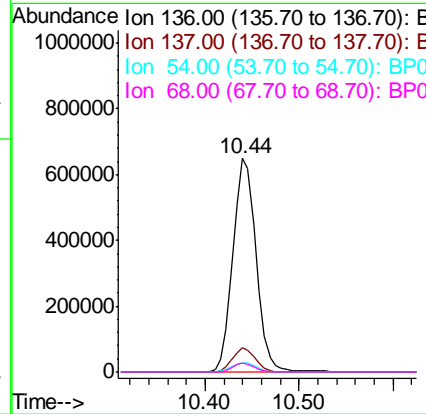
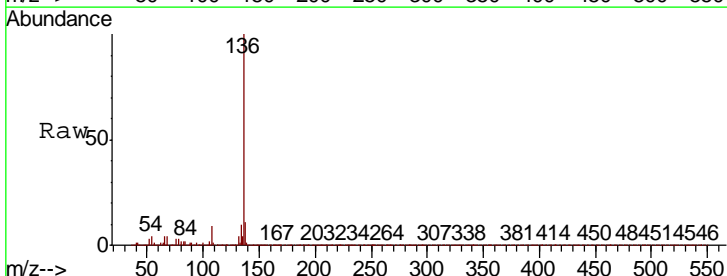
Instrument :  
 BNA\_P  
 ClientSampled :  
 PB131208BL

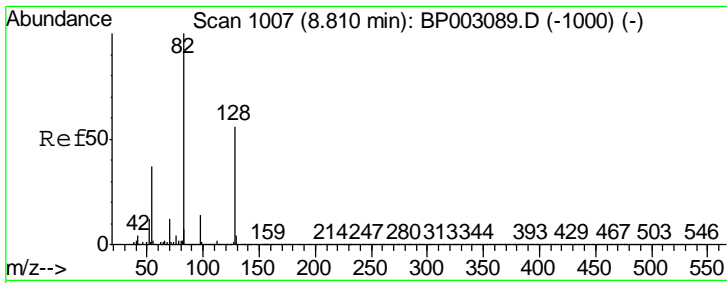
Tgt Ion	Resp	Lower	Upper
99	2204798		
42	10.2	8.5	12.7
71	28.7	22.8	34.2



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.44 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion	Resp	Lower	Upper
136	1115726		
137	11.2	8.8	13.2
54	4.4	3.5	5.3
68	4.2	3.2	4.8

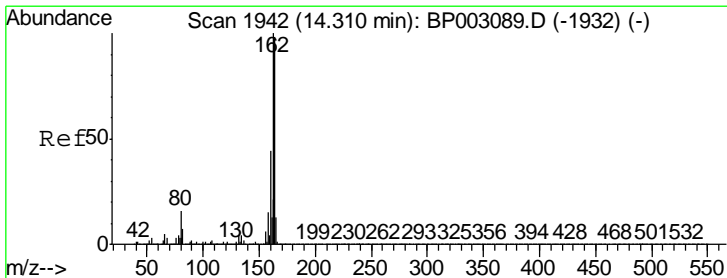
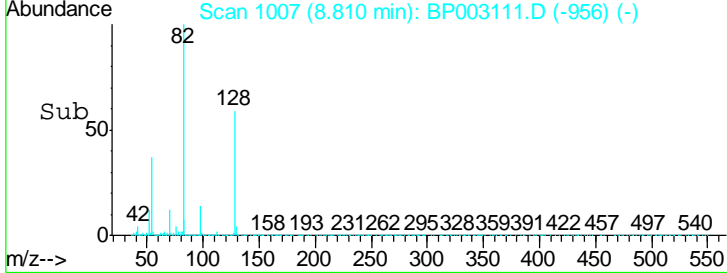
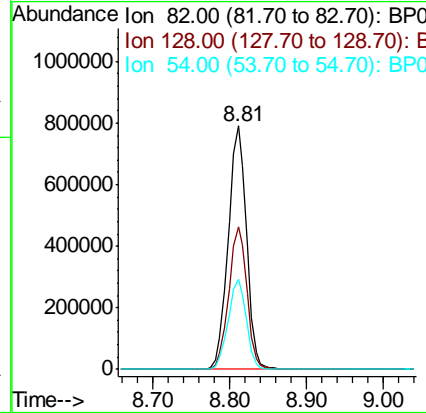
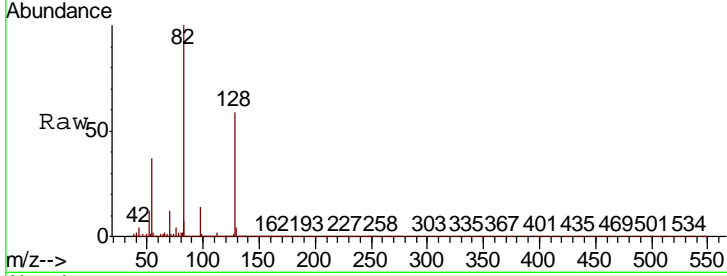




#23  
 Nitrobenzene-d5  
 Concen: 84.613 ng  
 RT: 8.81 min Scan# 1007  
 Delta R.T. 0.00 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

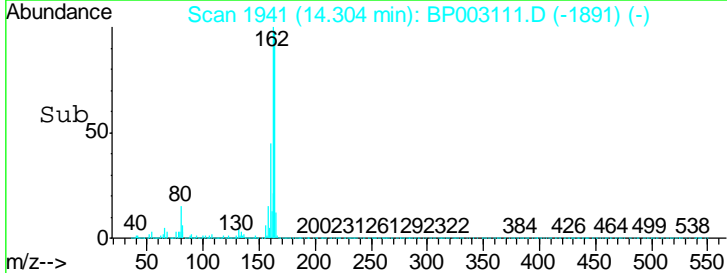
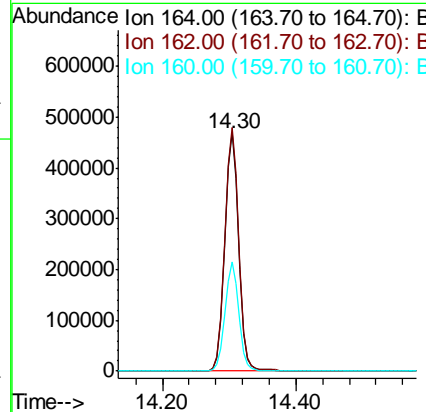
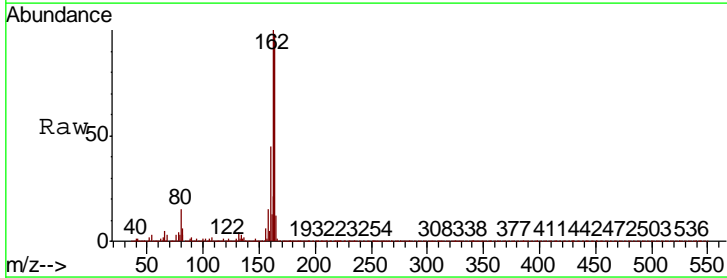
**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 PB131208BL

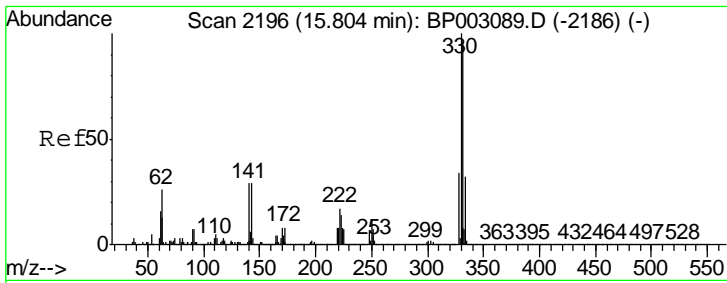
Tgt Ion	Resp	Lower	Upper
82	1309529		
128	58.7	44.9	67.3
54	37.2	29.4	44.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.30 min Scan# 1941  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion	Resp	Lower	Upper
164	692888		
162	102.2	81.2	121.8
160	45.8	36.0	54.0



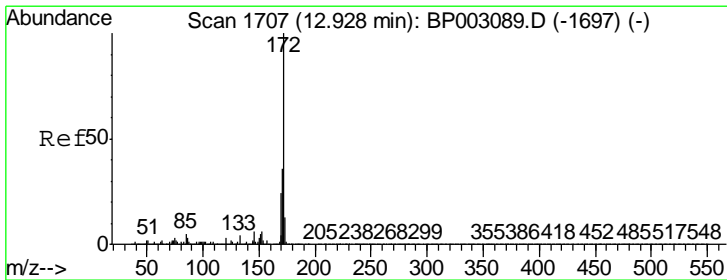
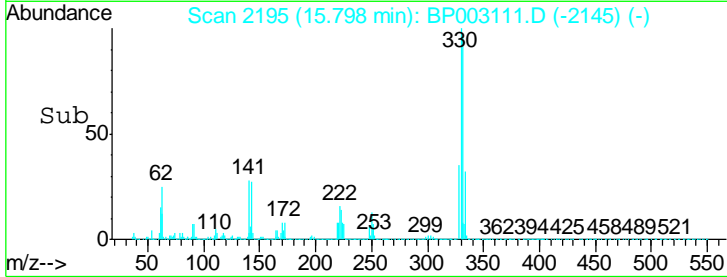
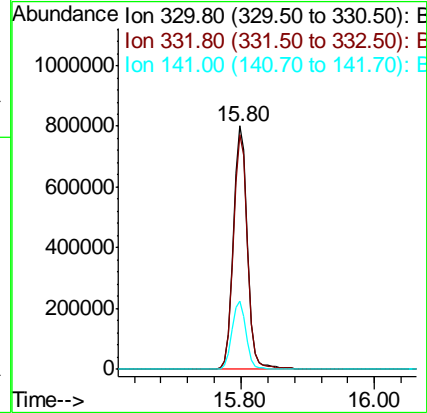
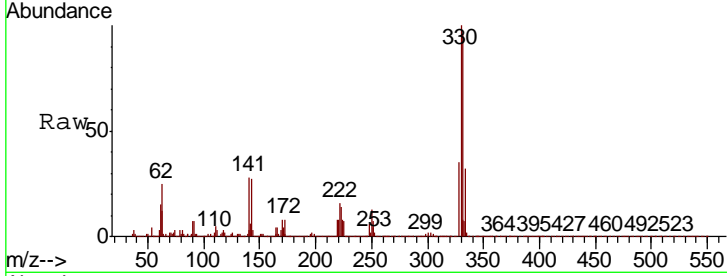


#42  
 2,4,6-Tribromophenol  
 Concen: 127.611 ng  
 RT: 15.80 min Scan# 2195  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Instrument :  
 BNA\_P  
 ClientSampled :  
 PB131208BL

Tgt Ion: 330 Resp: 1195859

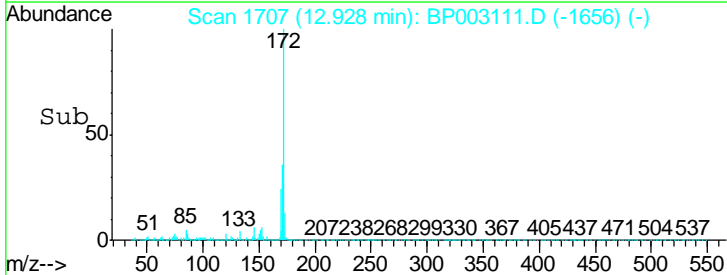
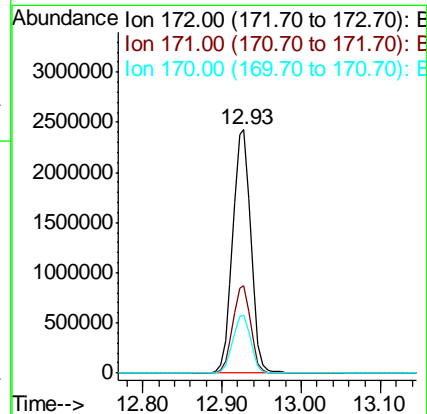
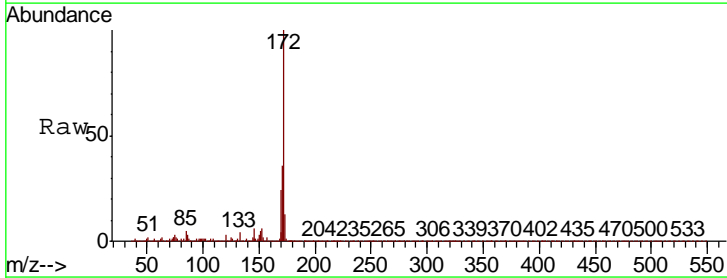
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	28.5	24.4	36.6

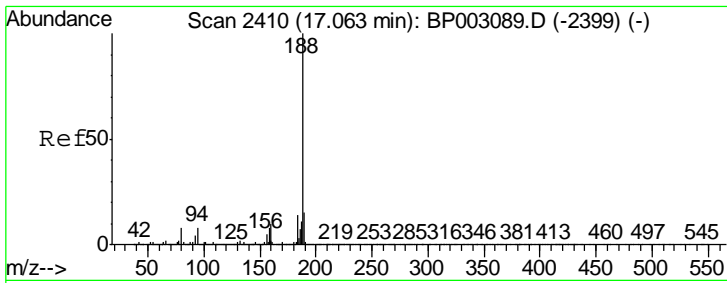


#45  
 2-Fluorobiphenyl  
 Concen: 81.344 ng  
 RT: 12.93 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion: 172 Resp: 3848693

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.9	19.0	28.4



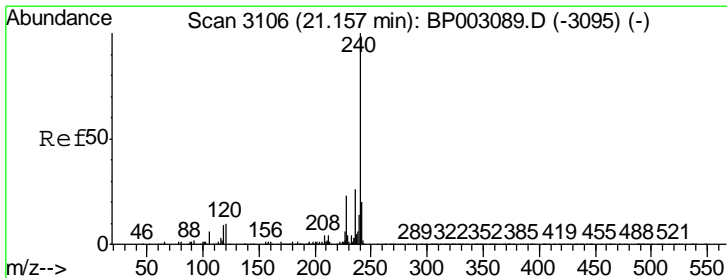
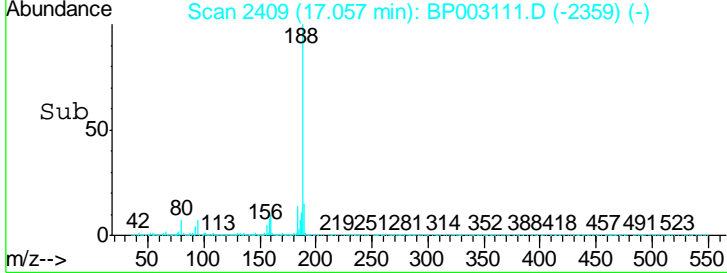
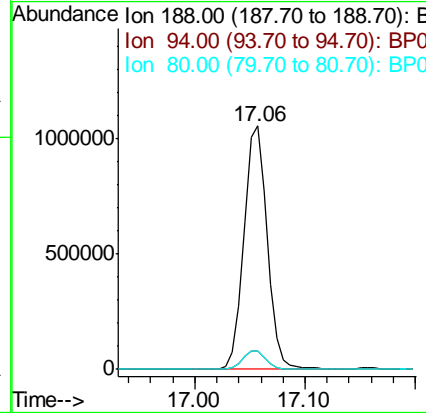
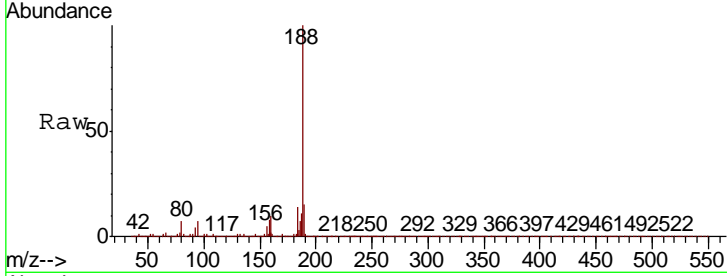


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.06 min Scan# 2409  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB131208BL

Tgt Ion:188 Resp: 1566874

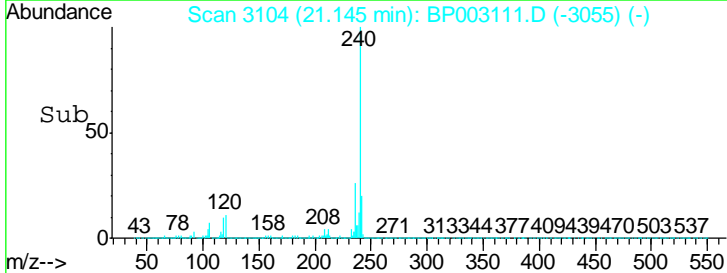
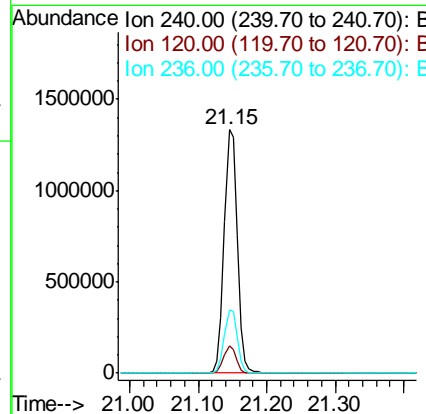
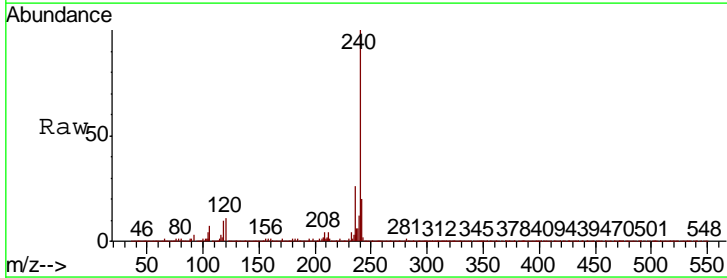
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	7.4	6.4	9.6

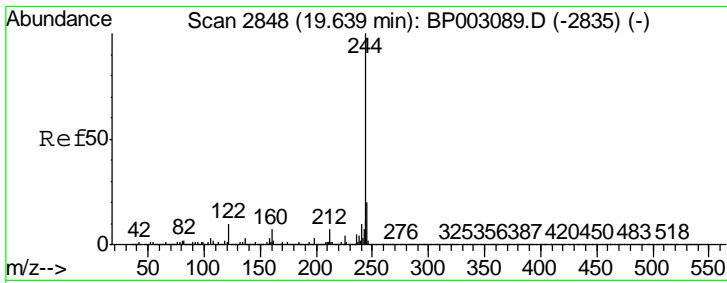


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.15 min Scan# 3104  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion:240 Resp: 1757243

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	26.1	20.6	31.0



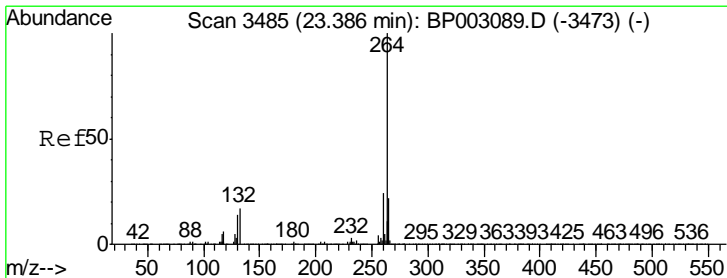
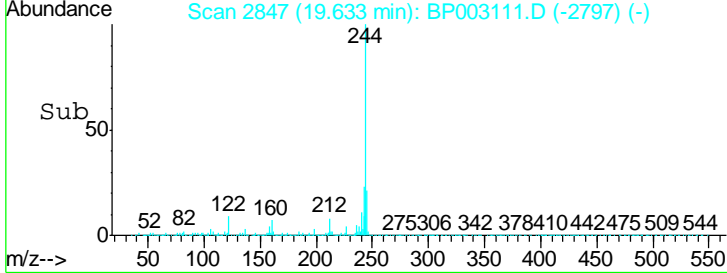
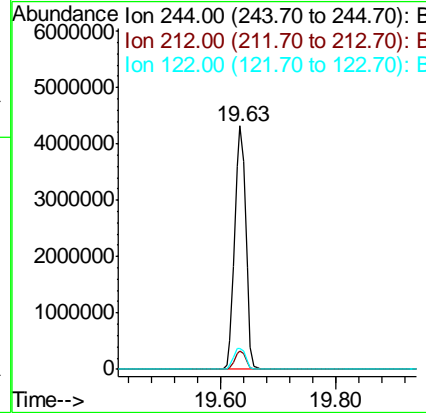
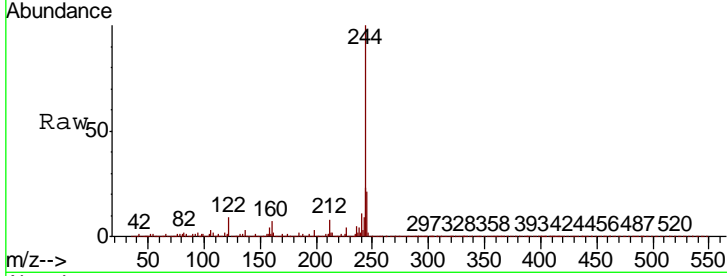


#79  
 Terphenyl-d14  
 Concen: 72.354 ng  
 RT: 19.63 min Scan# 2847  
 Delta R.T. -0.01 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Instrument :  
 BNA\_P  
 ClientSampled :  
 PB131208BL

Tgt Ion: 244 Resp: 5778169

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.7	7.7	11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.39 min Scan# 3485  
 Delta R.T. 0.00 min  
 Lab File: BP003111.D  
 Acq: 26 Aug 2020 13:05

Tgt Ion: 264 Resp: 1973634

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.6	17.7	26.5

