

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\  
 Data File : BF086699.D  
 Acq On : 5 May 2016 1:53  
 Operator : UM/SJ  
 Sample : H2715-17  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 26WARD-2-CS-3(0-10FTBGS)

**Manual Integrations**  
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Quant Time: May 05 05:34:54 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:12:53 2016  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.74	152	149560	40.00	ng	0.00	
21) Naphthalene-d8	8.03	136	522517	40.00	ng	0.00	
38) Acenaphthene-d10	9.78	164	206324	40.00	ng	0.00	
63) Phenanthrene-d10	11.25	188	313604m	40.00	ng	0.00	
75) Chrysene-d12	13.88	240	317709	40.00	ng	0.00	
86) Perylene-d12	15.28	264	228237	40.00	ng	0.01	
<b>System Monitoring Compounds</b>							
5) 2-Fluorophenol	5.33	112	657589	72.79	ng	0.01	
7) Phenol-d6	6.38	99	1306251	107.34	ng	0.01	
23) Nitrobenzene-d5	7.31	82	827996	81.43	ng	0.00	
41) 2,4,6-Tribromophenol	10.57	330	47826	23.70	ng	0.00	
44) 2-Fluorobiphenyl	9.10	172	1165860	92.63	ng	0.00	
78) Terphenyl-d14	12.84	244	848885	54.00	ng	0.00	
<b>Target Compounds</b>						<b>Qvalue</b>	
49) Dimethylphthalate	9.49	163	138932	9.03	ng	#	99
74) Fluoranthene	12.47	202	66858	3.96	ng		92
77) Pyrene	12.69	202	67572	2.67	ng		96
80) Benzo(a)anthracene	13.87	228	38720	2.15	ng		97
87) Benzo(b)fluoranthene	14.89	252	39152m	2.85	ng		
89) Benzo(a)pyrene	15.22	252	26143	2.07	ng	#	83

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

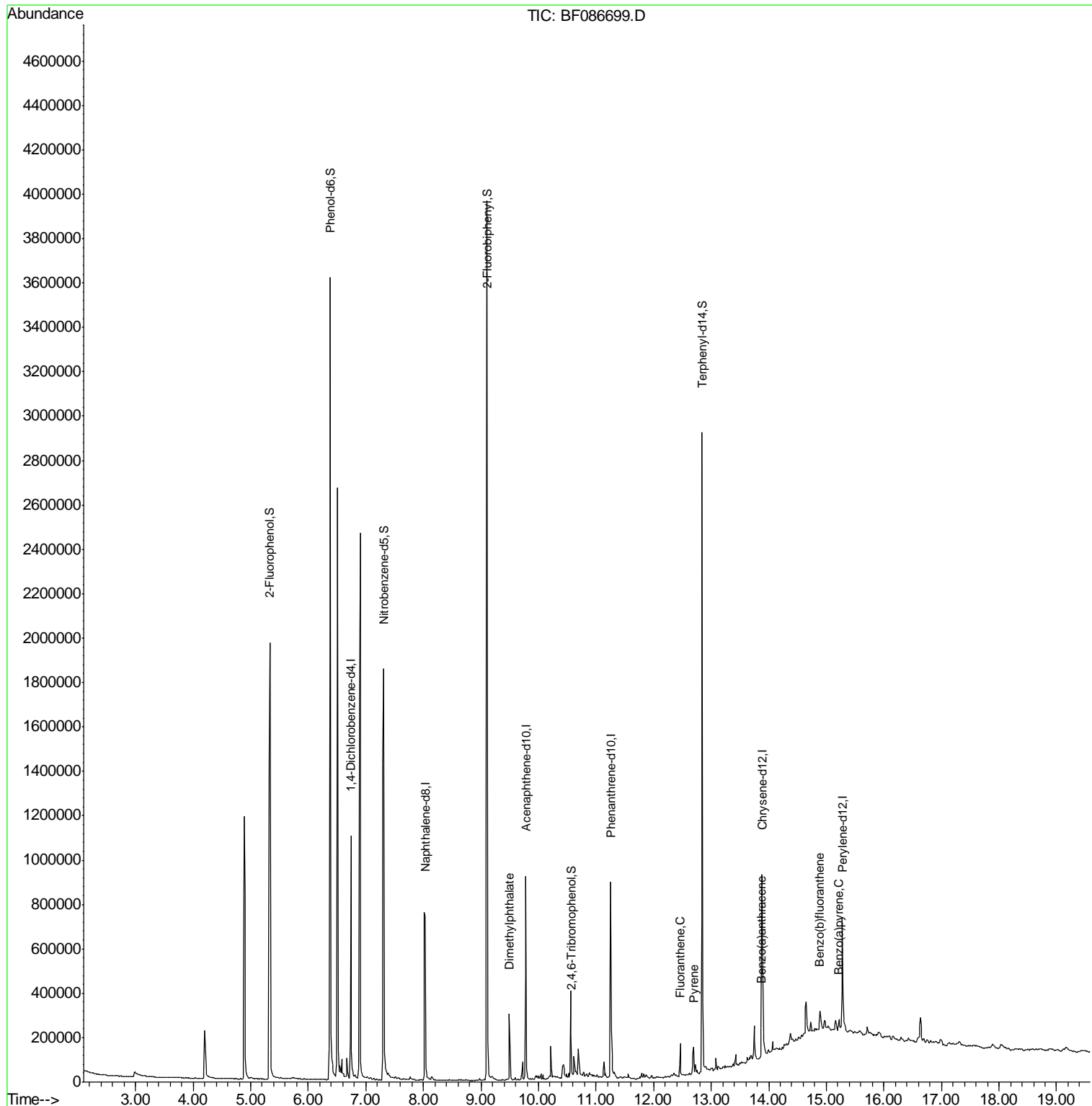
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\  
 Data File : BF086699.D  
 Acq On : 5 May 2016 1:53  
 Operator : UM/SJ  
 Sample : H2715-17  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

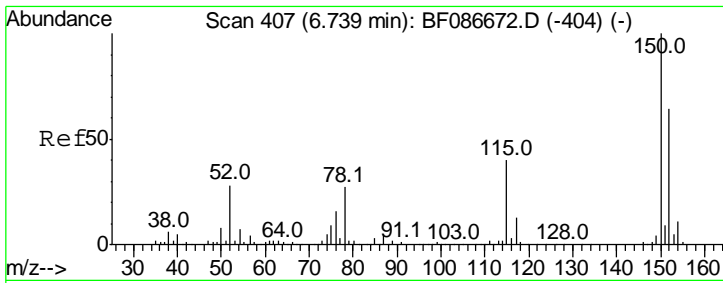
Instrument :  
 BNA\_F  
 ClientSampled :  
 26WARD-2-CS-3(0-10FTBGS)

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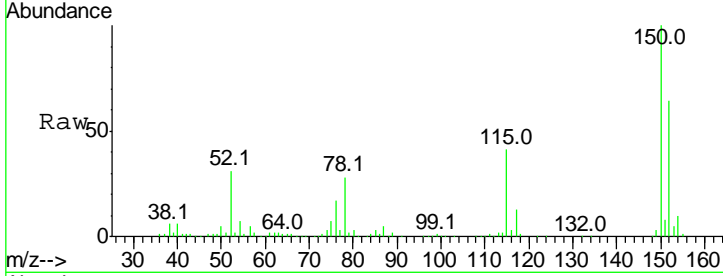
Quant Time: May 05 05:34:54 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:12:53 2016  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 40.00 ng  
 RT: 6.74 min Scan# 407  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

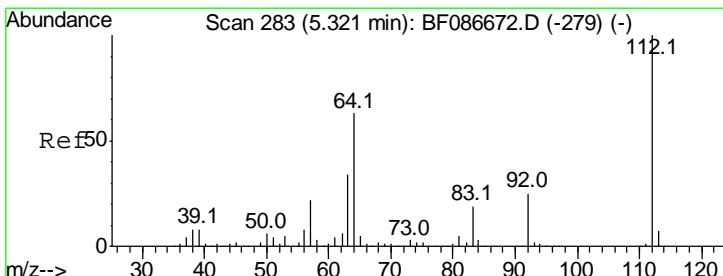
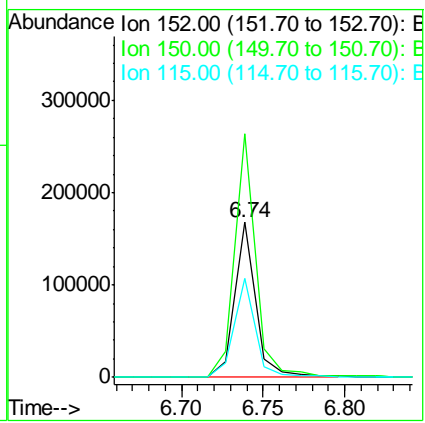
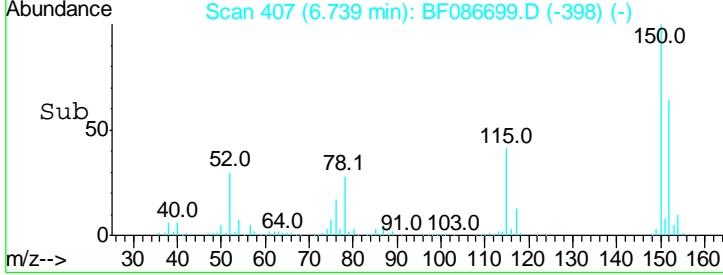
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-2-CS-3(0-10FTBGS)



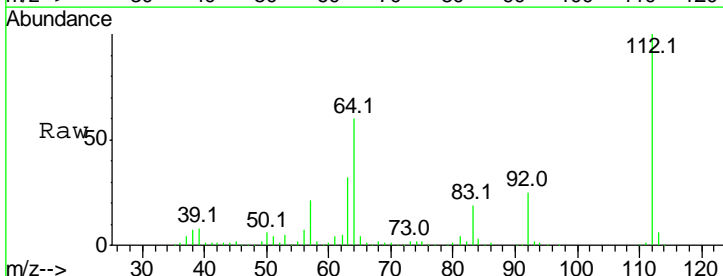
Tgt Ion: 152 Resp: 149560

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.8	188.6
115	63.6	51.5	77.3

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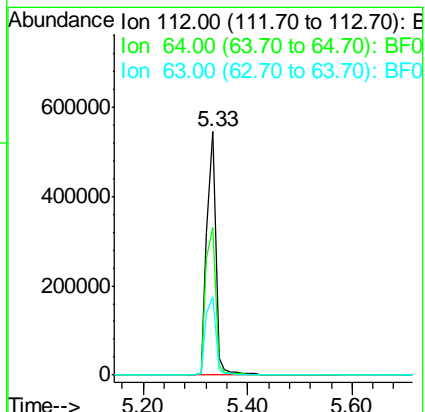
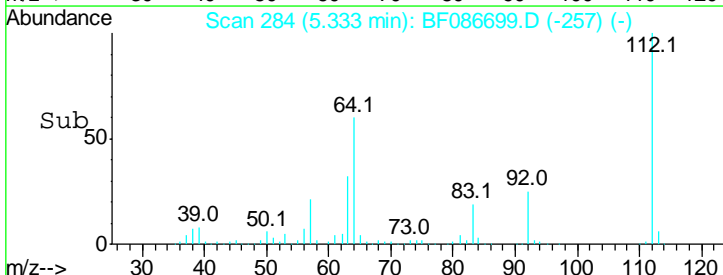


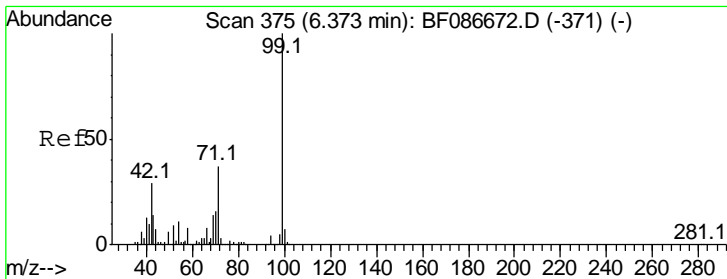
#5  
 2-Fluorophenol  
 Concen: 72.79 ng  
 RT: 5.33 min Scan# 284  
 Delta R.T. 0.01 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53



Tgt Ion: 112 Resp: 657589

Ion	Ratio	Lower	Upper
112	100		
64	60.4	52.1	78.1
63	32.2	25.7	38.5



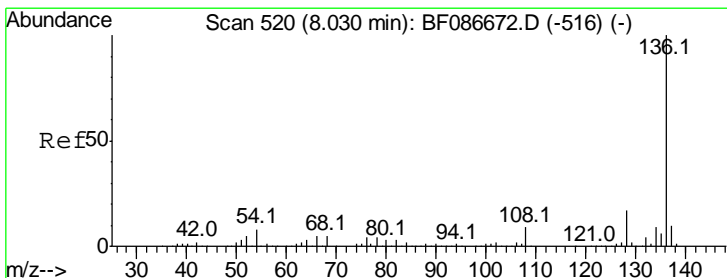
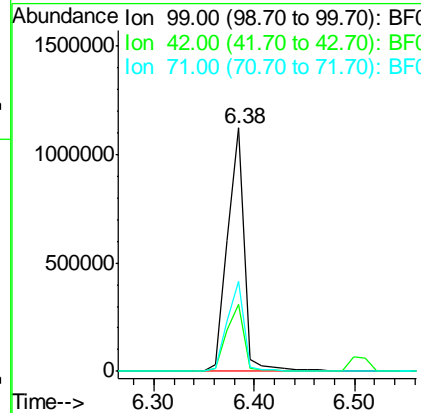
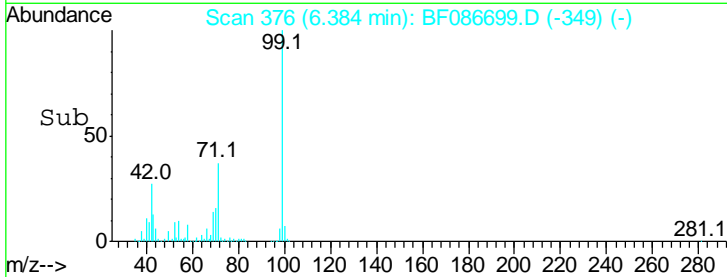
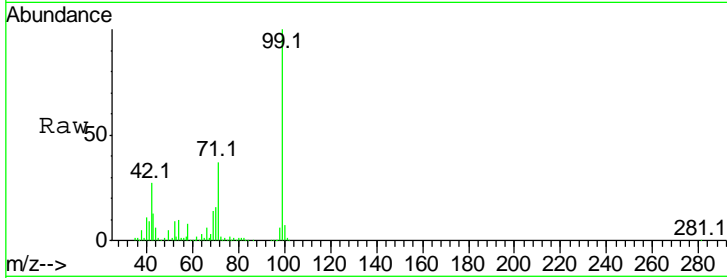


#7  
 Phenol-d6  
 Concen: 107.34 ng  
 RT: 6.38 min Scan# 376  
 Delta R.T. 0.01 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

**Instrument :**  
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**ClientSampled :**  
 26WARD-2-CS-3(0-10FTBGS)

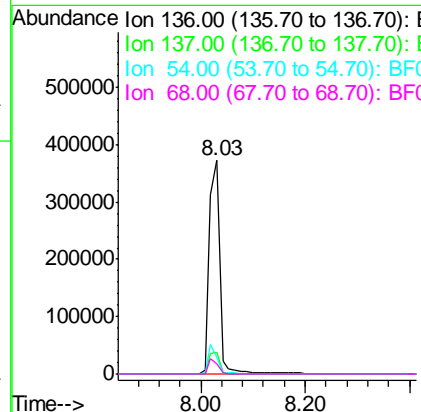
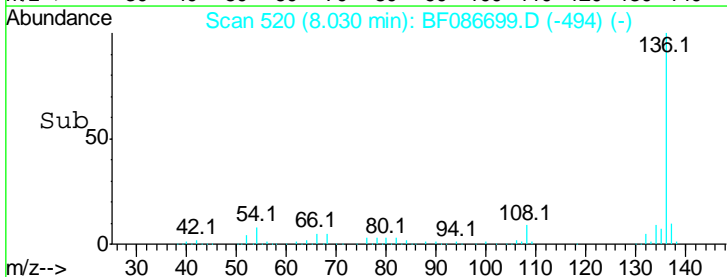
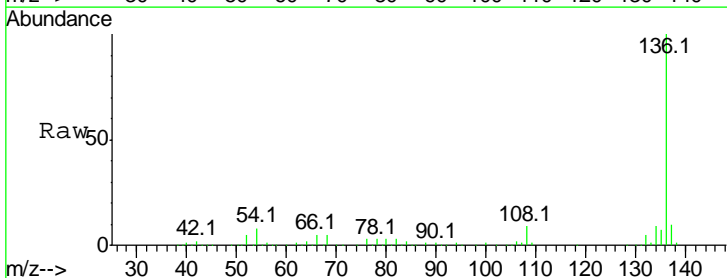
Tgt Ion	Resp	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	37.0	24.6	36.8#

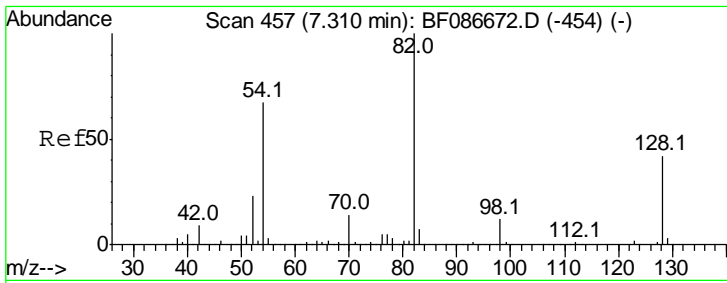
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#21  
 Naphthalene-d8  
 Concen: 40.00 ng  
 RT: 8.03 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

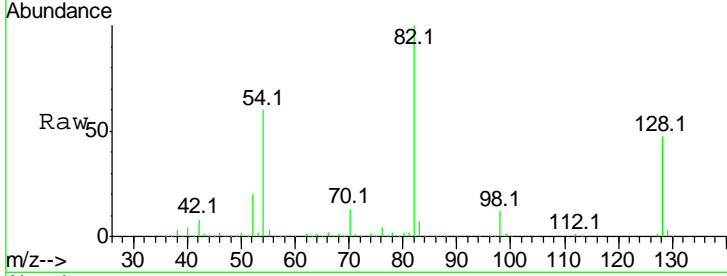
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	5.0	7.4#
68	4.9	4.4	6.6





#23  
 Nitrobenzene-d5  
 Concen: 81.43 ng  
 RT: 7.31 min Scan# 457  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

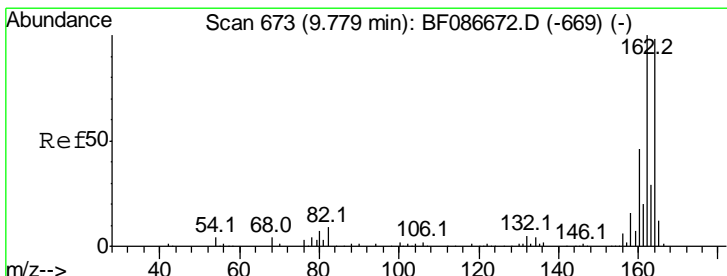
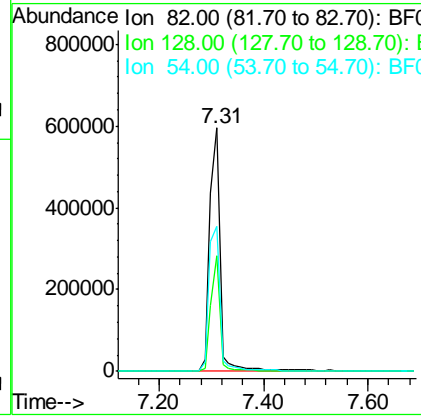
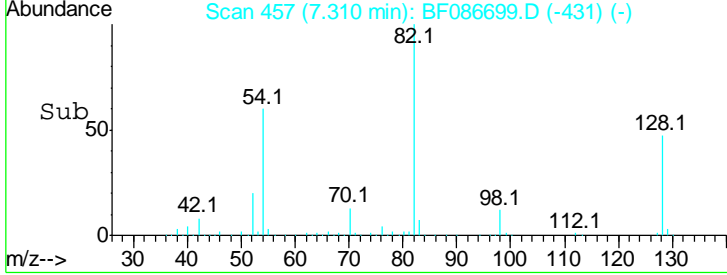
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-2-CS-3(0-10FTBGS)



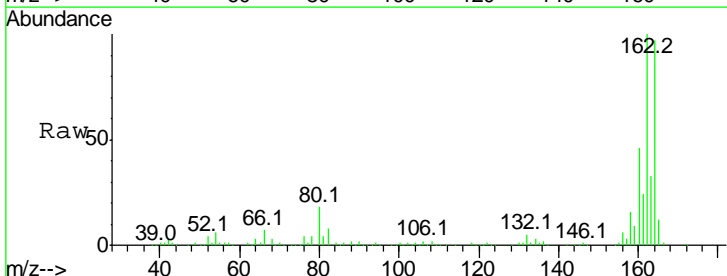
Tgt Ion: 82 Resp: 827996

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.6	61.0
54	59.6	38.1	57.1

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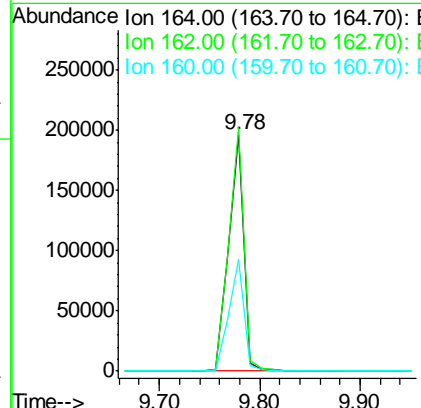
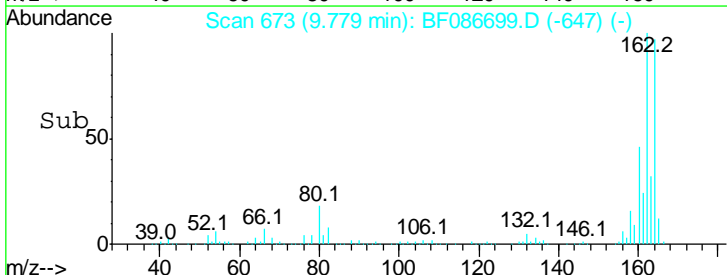


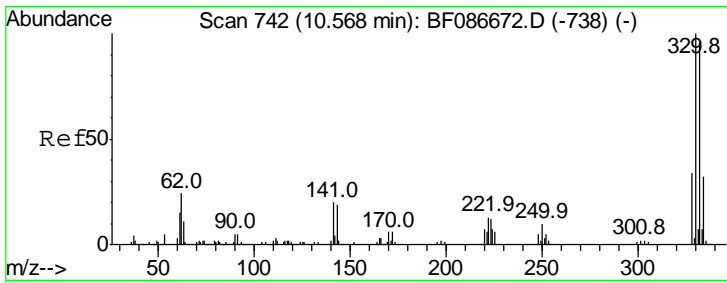
#38  
 Acenaphthene-d10  
 Concen: 40.00 ng  
 RT: 9.78 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53



Tgt Ion: 164 Resp: 206324

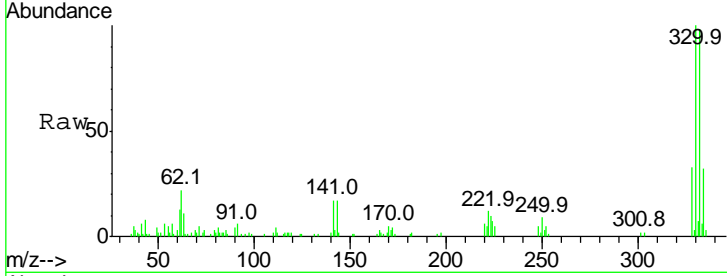
Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.4	36.9	55.3





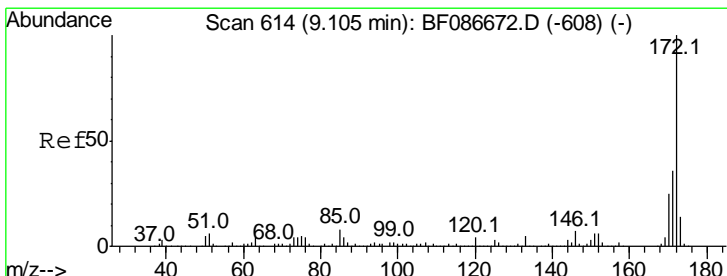
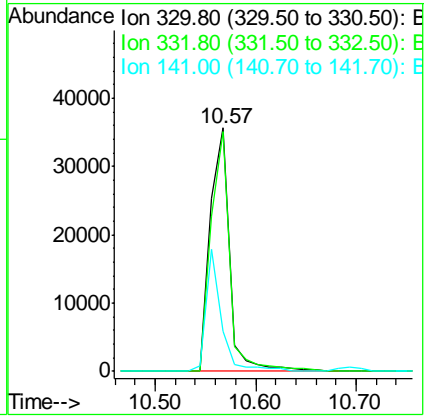
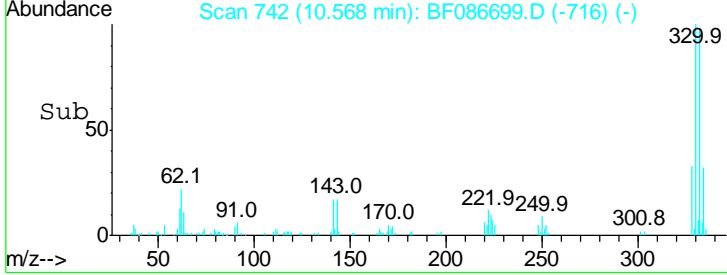
#41  
 2,4,6-Tribromophenol  
 Concen: 23.70 ng  
 RT: 10.57 min Scan# 742  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

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 26WARD-2-CS-3(0-10FTBGS)

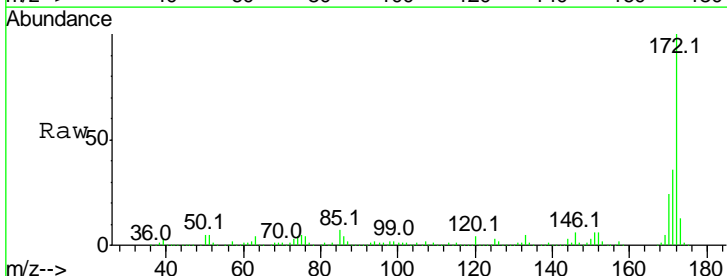


Tgt Ion	Resp	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	39.7	31.2	46.8

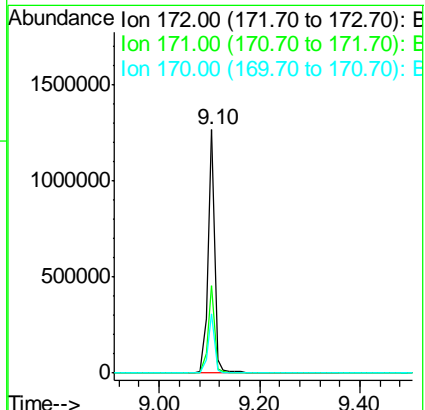
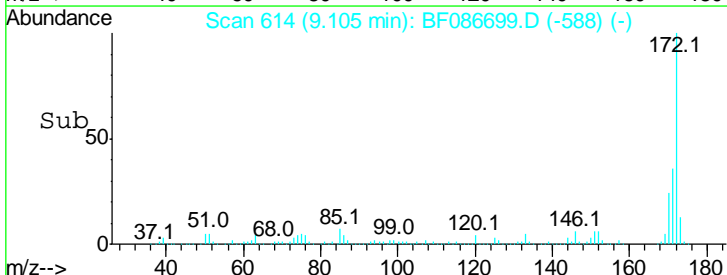
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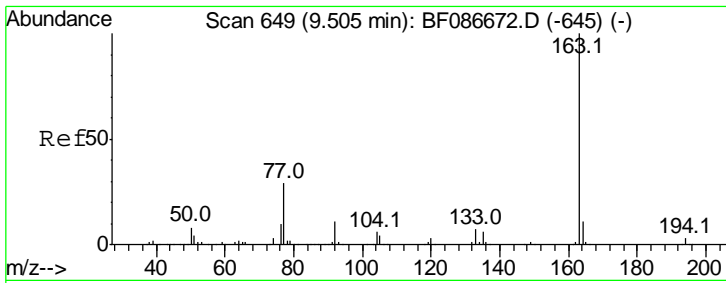


#44  
 2-Fluorobiphenyl  
 Concen: 92.63 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53



Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8



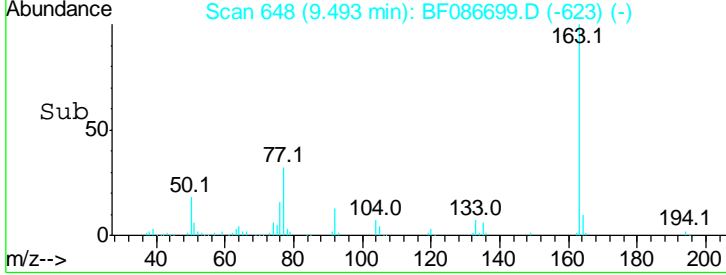
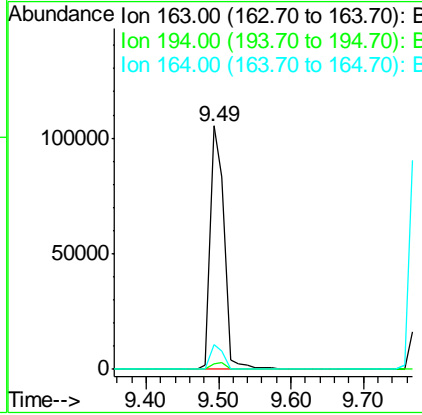
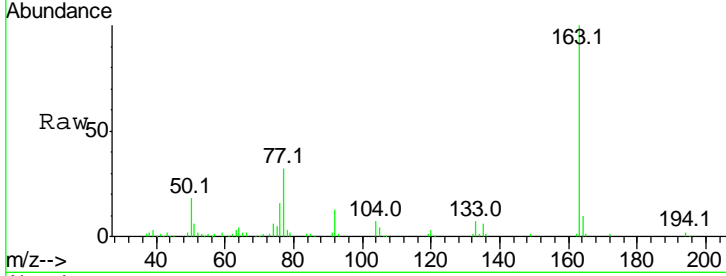


#49  
 Dimethylphthalate  
 Concen: 9.03 ng  
 RT: 9.49 min Scan# 648  
 Delta R.T. -0.01 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-2-CS-3(0-10FTBGS)

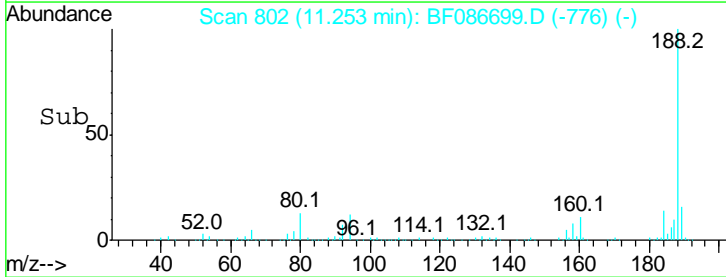
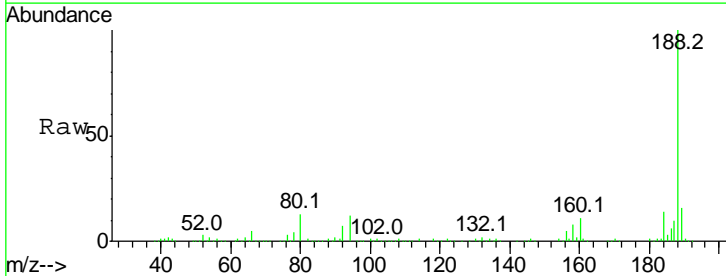
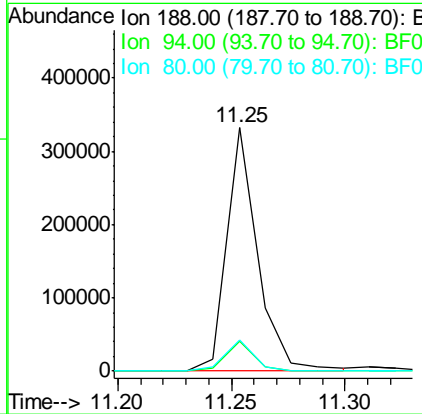
Tgt Ion	Resp	Lower	Upper
163	100		
194	2.4	2.6	4.0#
164	10.1	8.2	12.4

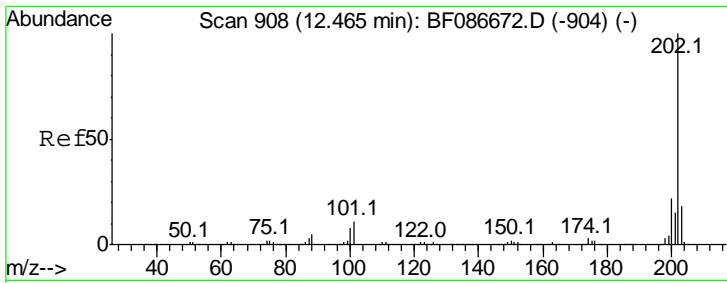
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#63  
 Phenanthrene-d10  
 Concen: 40.00 ng m  
 RT: 11.25 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

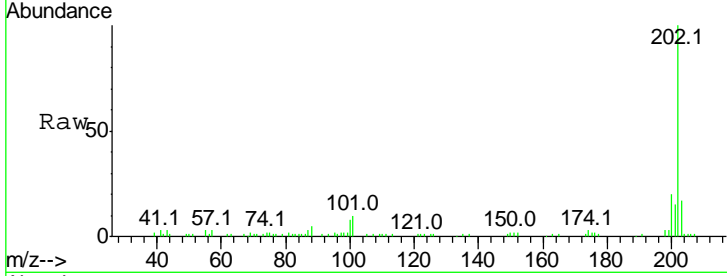
Tgt Ion	Resp	Lower	Upper
188	100		
94	12.1	6.8	10.2#
80	13.0	7.1	10.7#





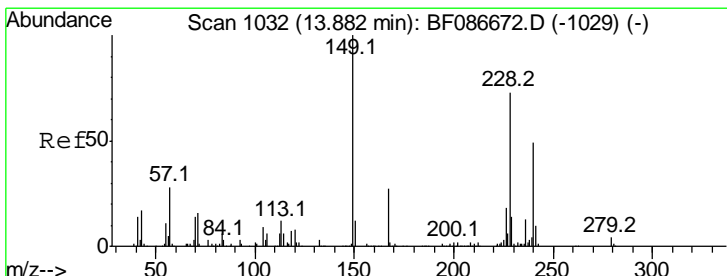
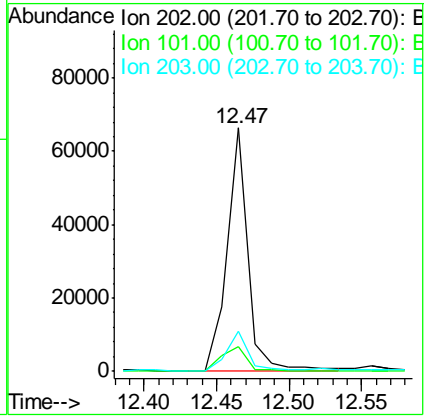
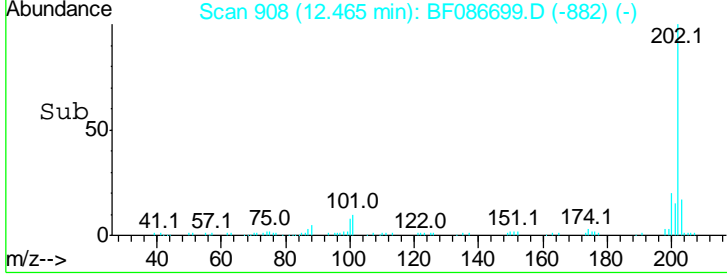
#74  
 Fluoranthene  
 Concen: 3.96 ng  
 RT: 12.47 min Scan# 908  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

Instrument :  
 BNA\_F  
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 26WARD-2-CS-3(0-10FTBGS)

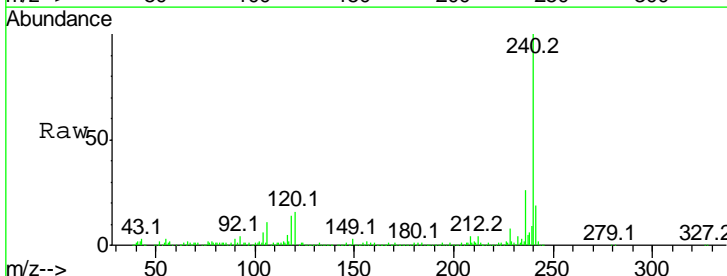


Tgt Ion	Resp	Lower	Upper
202	100		
101	10.1	0.0	35.4
203	16.6	0.0	38.1

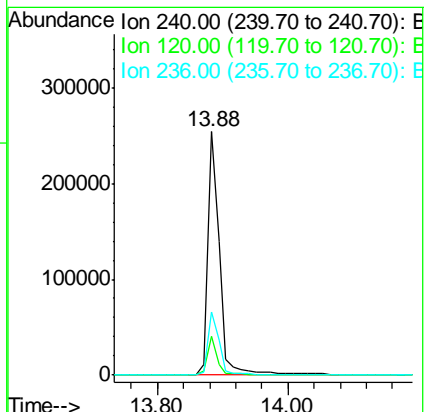
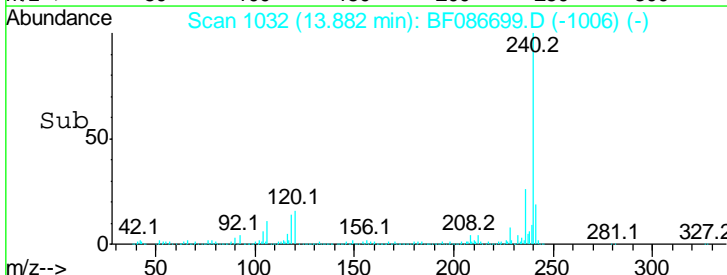
Manual Integrations  
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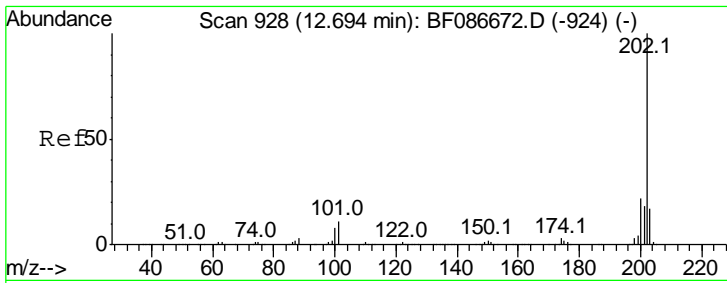
#75  
 Chrysene-d12  
 Concen: 40.00 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53



Tgt Ion	Resp	Lower	Upper
240	100		
120	16.1	11.2	16.8
236	26.2	21.2	31.8

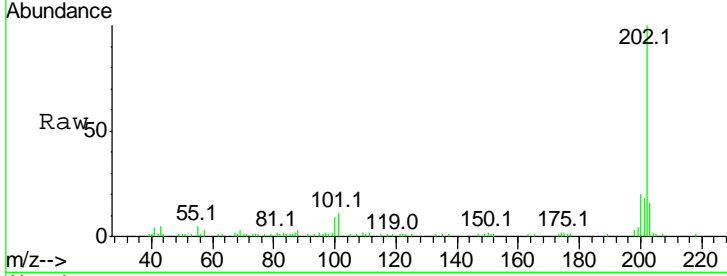






#77  
 Pyrene  
 Concen: 2.67 ng  
 RT: 12.69 min Scan# 928  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

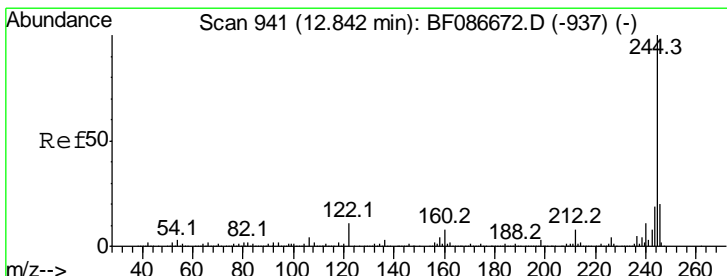
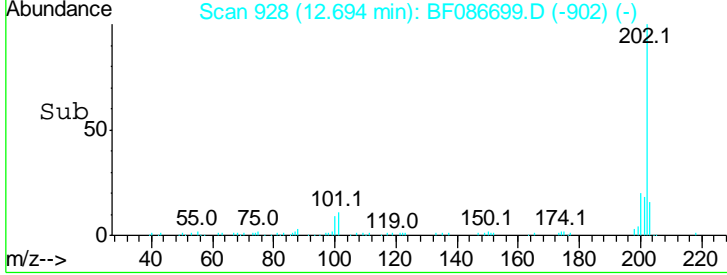
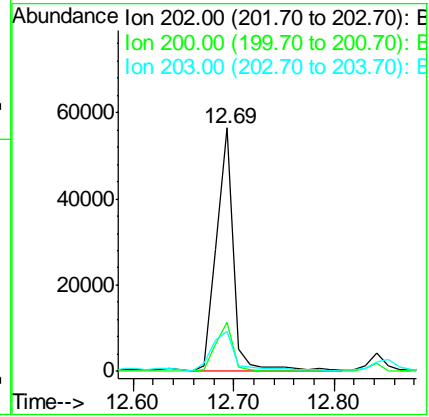
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-2-CS-3(0-10FTBGS)



Tgt Ion: 202 Resp: 67572

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	16.2	14.2	21.4

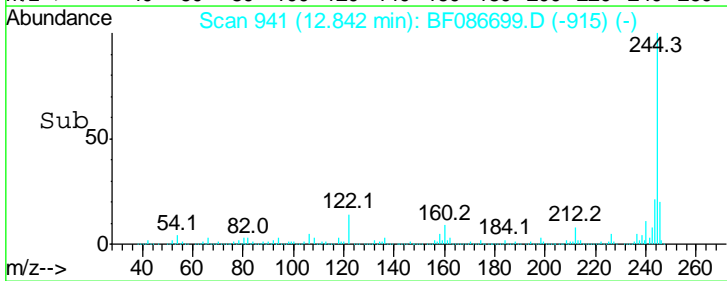
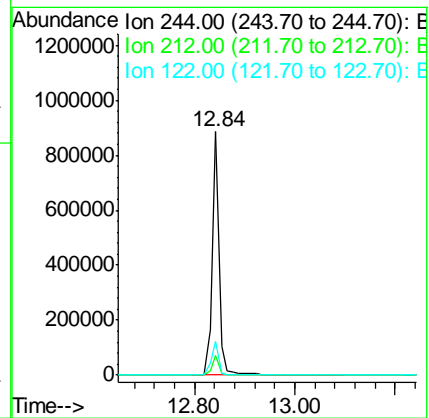
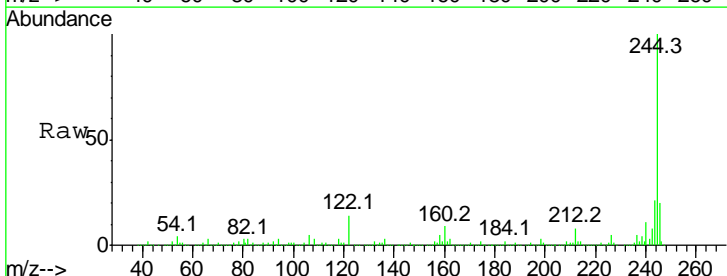
**Manual Integrations**  
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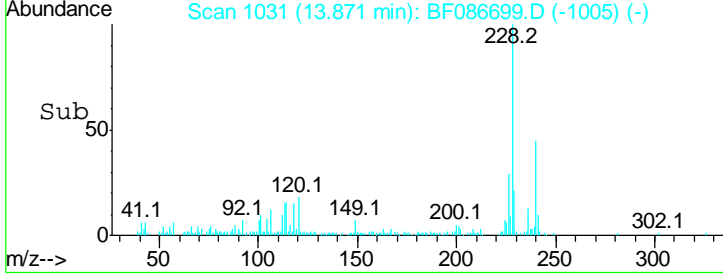
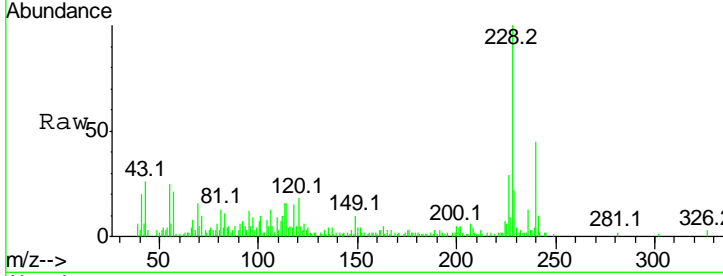
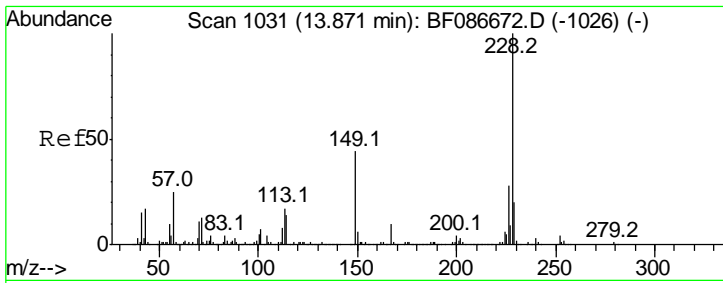


#78  
 Terphenyl-d14  
 Concen: 54.00 ng  
 RT: 12.84 min Scan# 941  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

Tgt Ion: 244 Resp: 848885

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.6	12.0	18.0



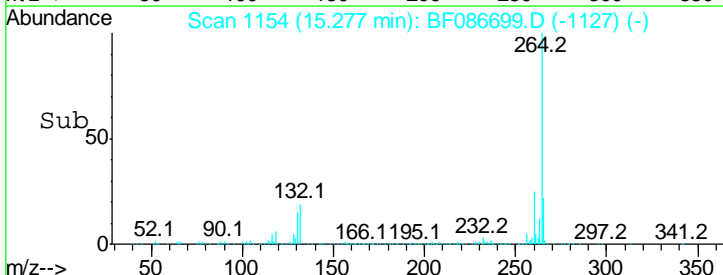
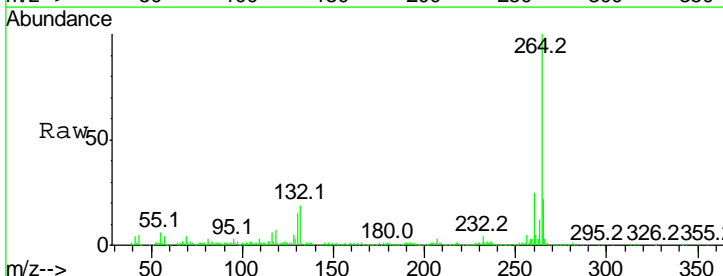
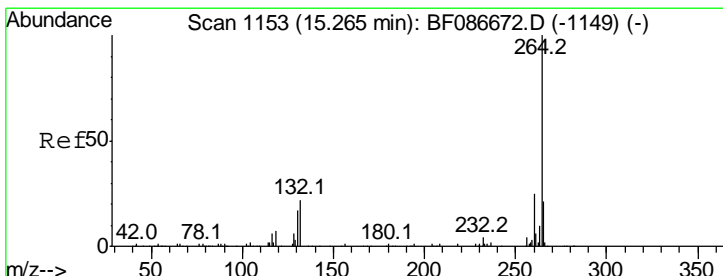
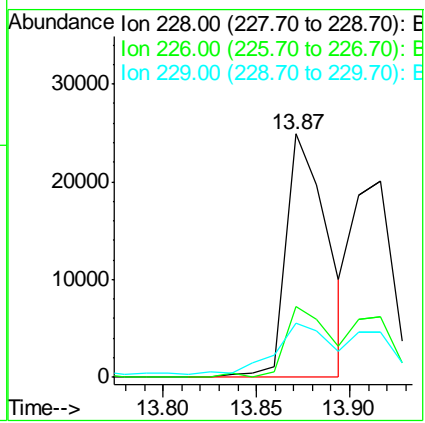


#80  
 Benzo(a)anthracene  
 Concen: 2.15 ng  
 RT: 13.87 min Scan# 1031  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	22.5	16.6	25.0

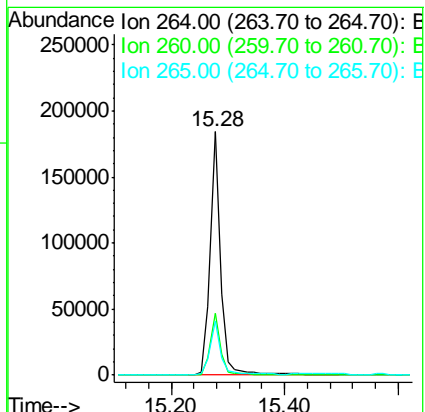
Instrument : BNA\_F  
 Client Sampled : 26WARD-2-CS-3(0-10FTBGS)

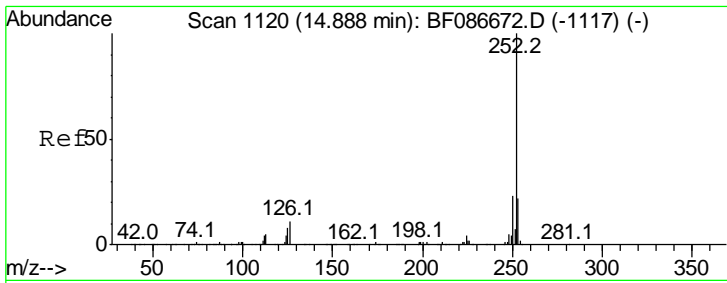
Manual Integrations  
 APPROVED  
 sohil  
 5/5/2016 3:19:09 PM



#86  
 Perylene-d12  
 Concen: 40.00 ng  
 RT: 15.28 min Scan# 1154  
 Delta R.T. 0.01 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

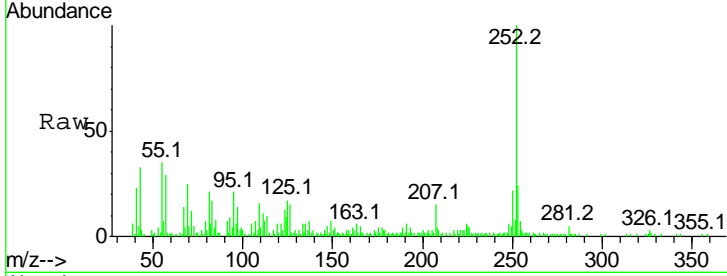
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.4	17.3	25.9





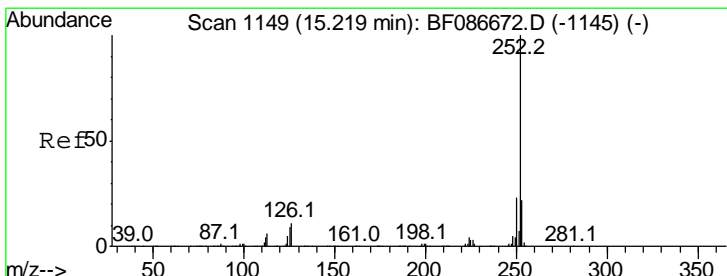
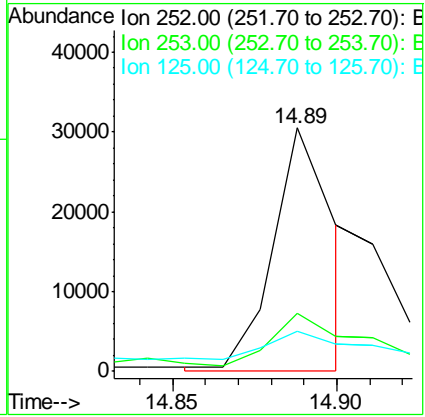
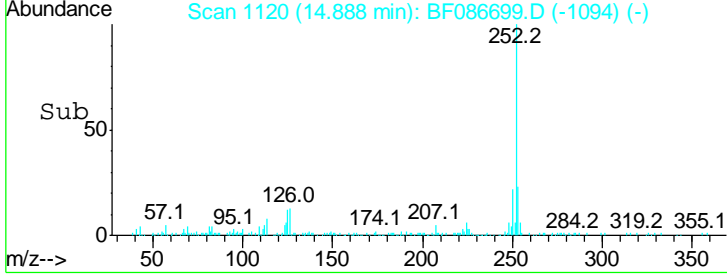
#87  
 Benzo(b)fluoranthene  
 Concen: 2.85 ng m  
 RT: 14.89 min Scan# 1120  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53

Instrument :  
 BNA\_F  
 ClientSampled :  
 26WARD-2-CS-3(0-10FTBGS)

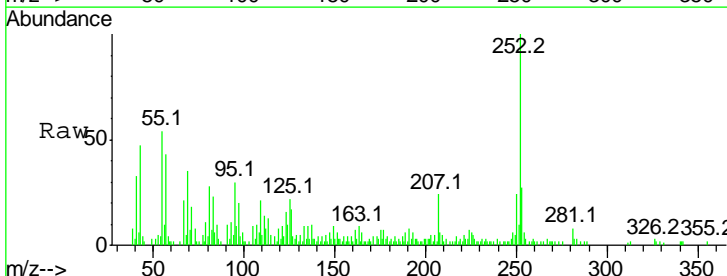


Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	16.7	11.4	17.0

Manual Integrations  
 APPROVED  
 sohil  
 5/5/2016 3:19:09 PM



#89  
 Benzo(a)pyrene  
 Concen: 2.07 ng  
 RT: 15.22 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BF086699.D  
 Acq: 5 May 2016 1:53



Tgt Ion	Resp	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	21.9	9.0	13.6#

