Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
Data File : BG023994.D
Acq On : 16 Sep 2016 15:31
Operator : UM/SJ
Sample : H4790-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-70-091416

Quant Time: Sep 17 00:07:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47170	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	184329	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	152060	20.00	ng	-0.04
63) Phenanthrene-d10	17.50	188	365060	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	461547	20.00	ng	-0.04
86) Perylene-d12	25.16	264	440678	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257434	95.82	ng	-0.04
7) Phenol-d6	7.22	99	346031	83.67	ng	-0.05
23) Nitrobenzene-d5	9.24	82	328371	79.53	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	240795	87.89	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	670353	63.21	ng	-0.04
78) Terphenyl-d14	20.10	244	1400841	69.12	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.94	128	50579	5.33	ng	96
40) Hexachlorocyclopentadiene	12.88	237	97	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.99	184	60	6.54	ng	# 10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
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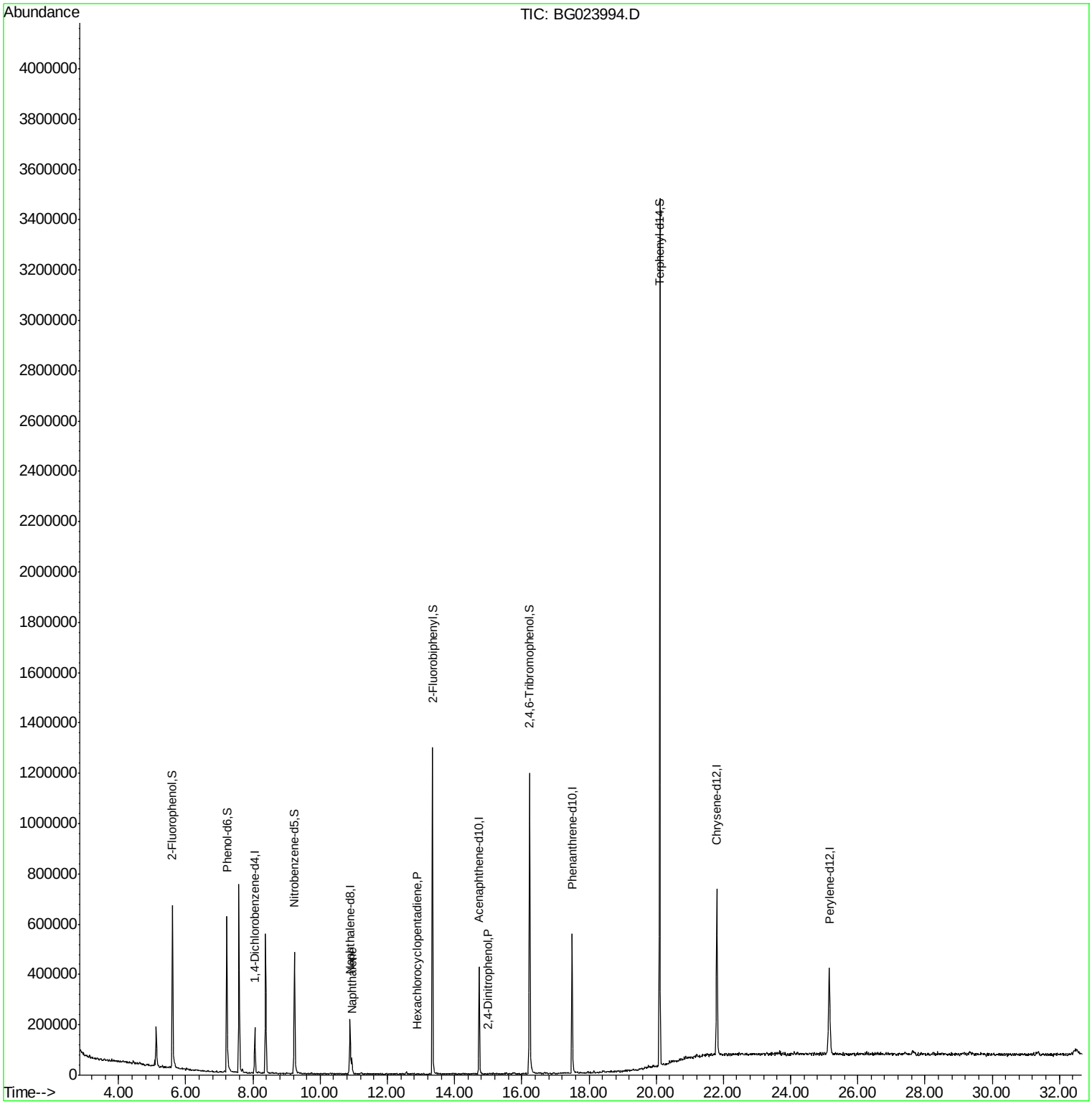
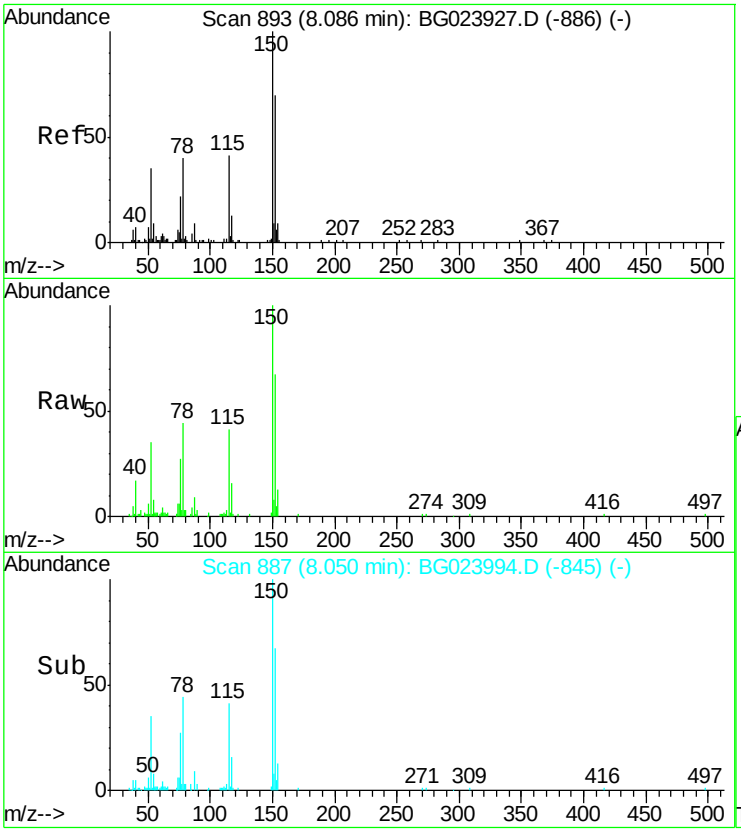


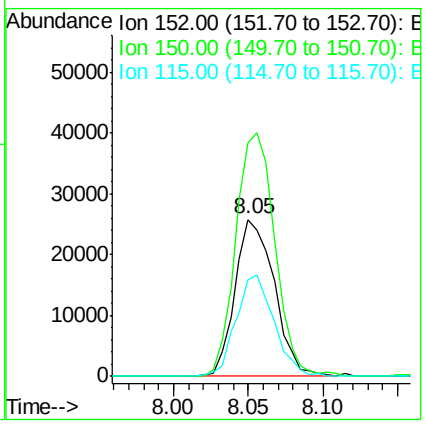


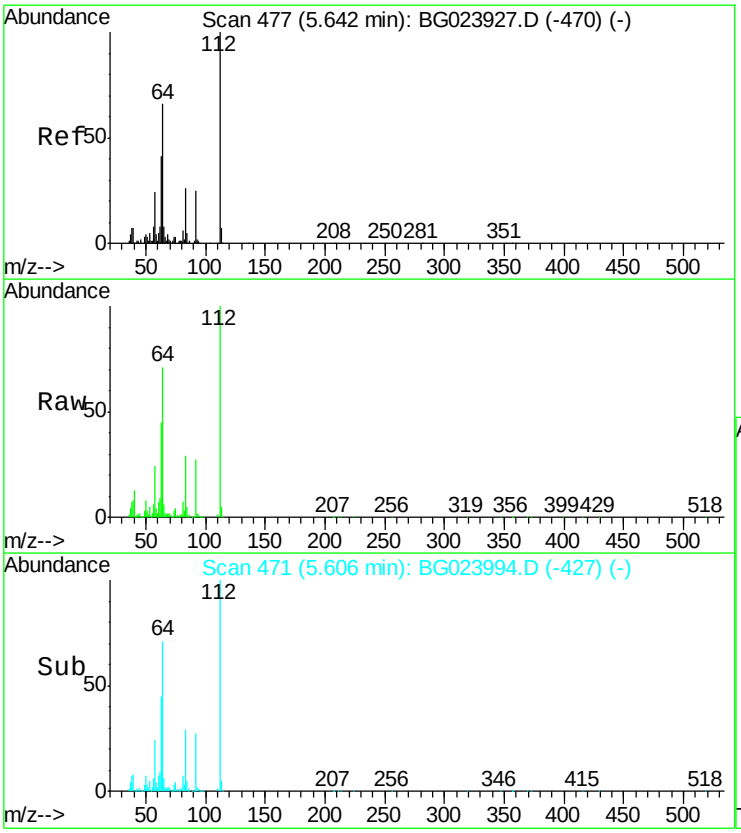
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:152 Resp: 47170

Ion	Ratio	Lower	Upper
152	100		
150	148.7	144.7	217.1
115	61.1	64.0	96.0#

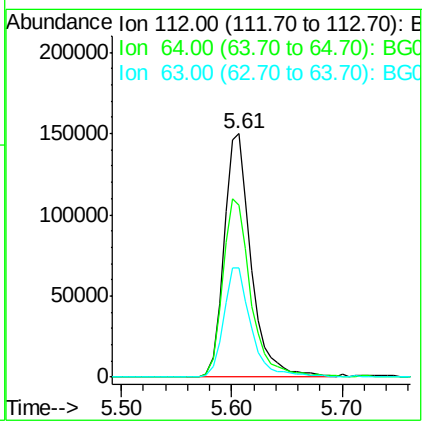


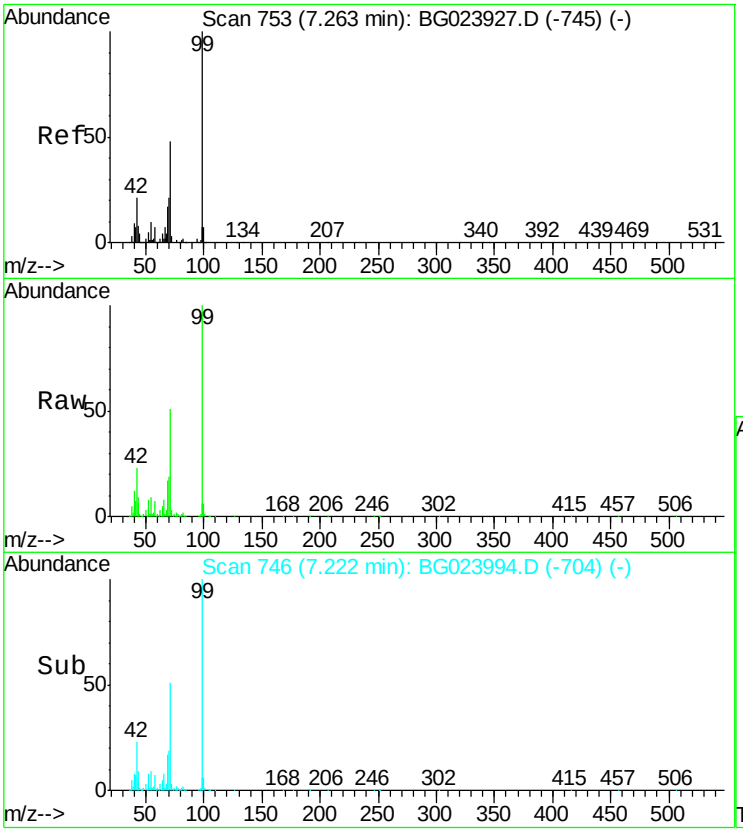


#5
2-Fluorophenol
Concen: 95.82 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:112 Resp: 257434

Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	45.0	37.8	56.8



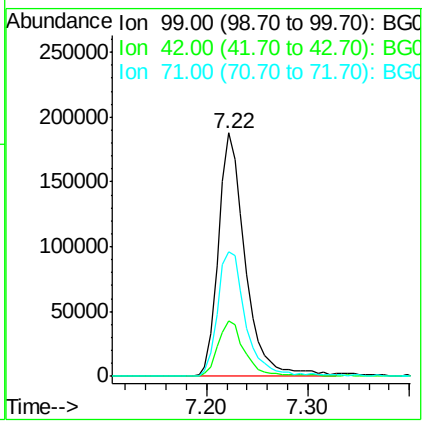


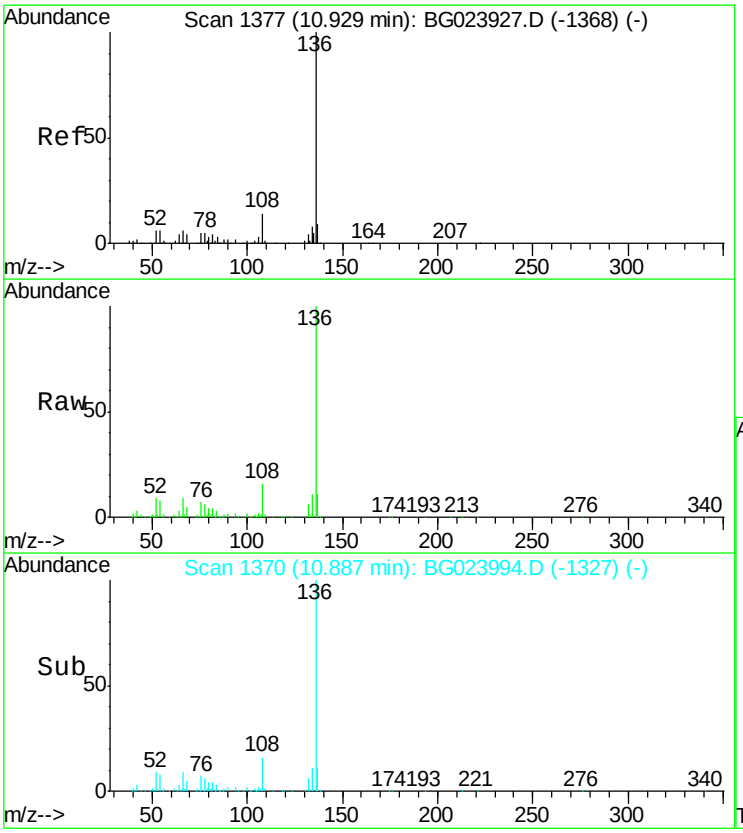
#7
Phenol-d6
Concen: 83.67 ng
RT: 7.22 min Scan# 746
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion: 99 Resp: 346031

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.8	26.6
71	51.1	41.5	62.3

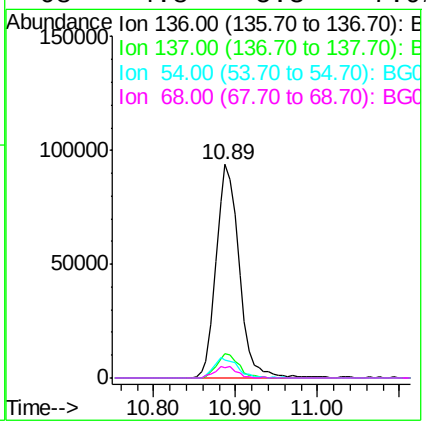


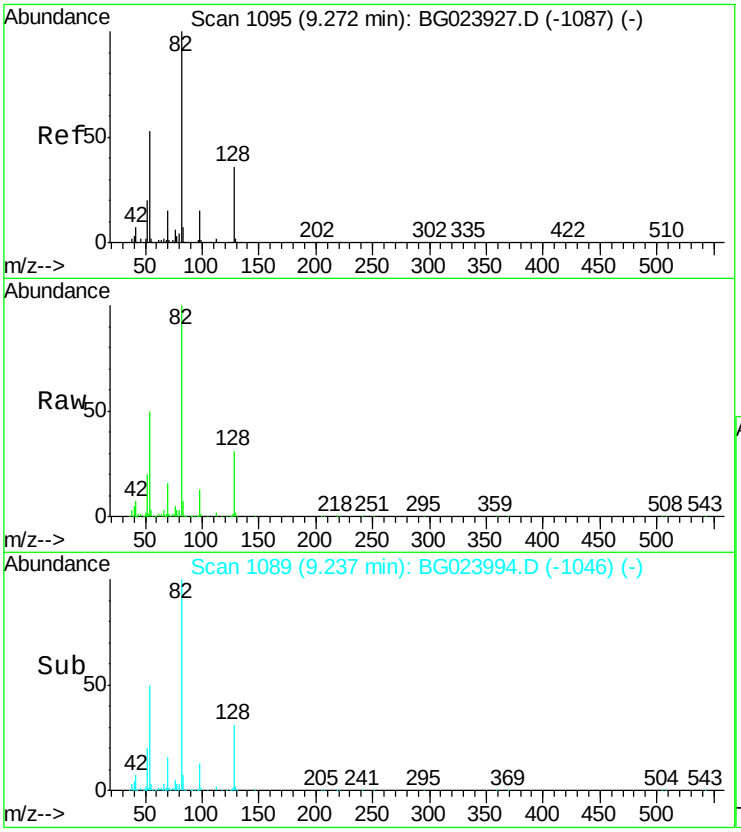


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:136 Resp: 184329

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.3	7.3	10.9
68	4.8	5.3	7.9#



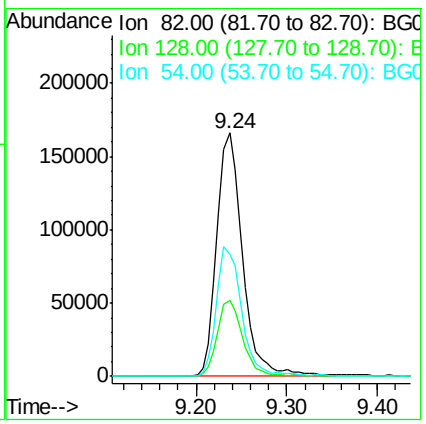


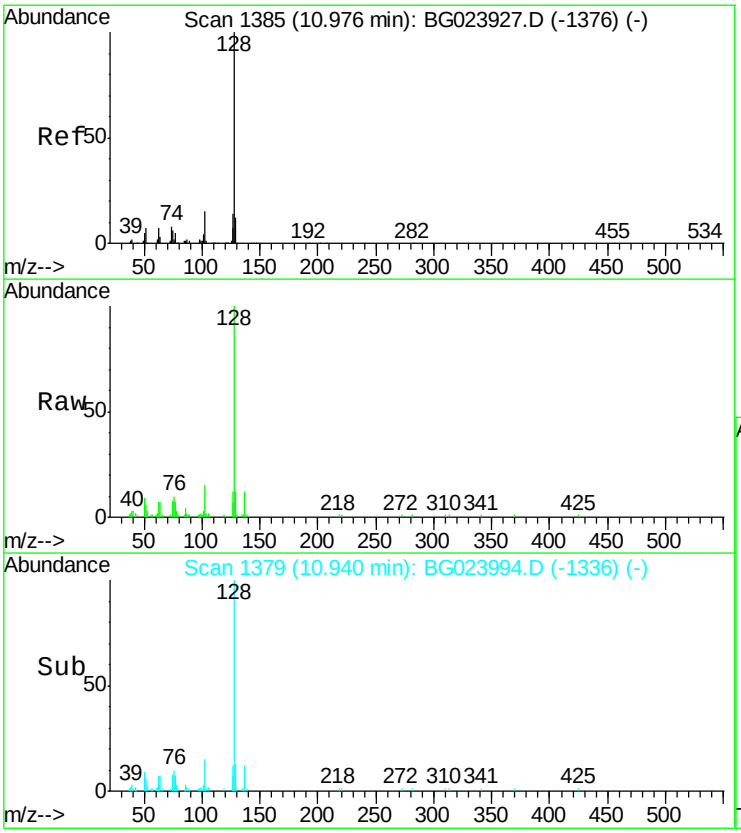
#23
Nitrobenzene-d5
Concen: 79.53 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion: 82 Resp: 328371

Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	50.2	41.4	62.0

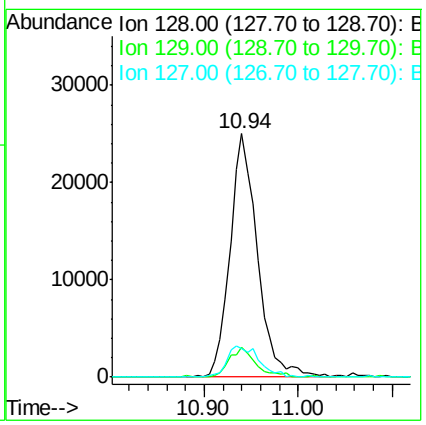


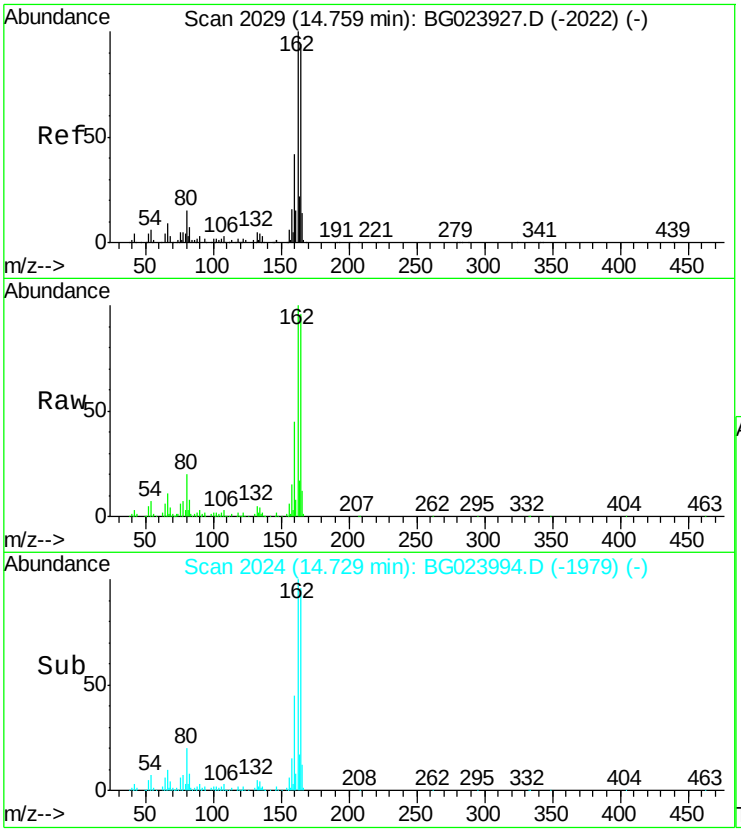


#31
Naphthalene
Concen: 5.33 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:128 Resp: 50579

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	11.7	11.3	16.9



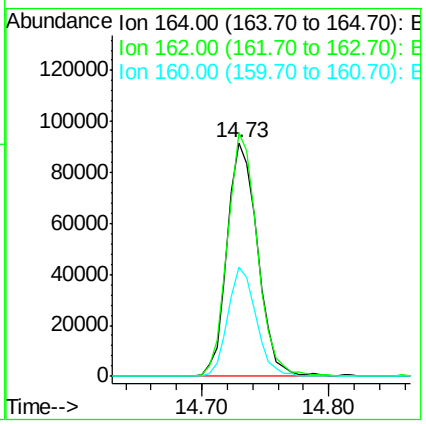


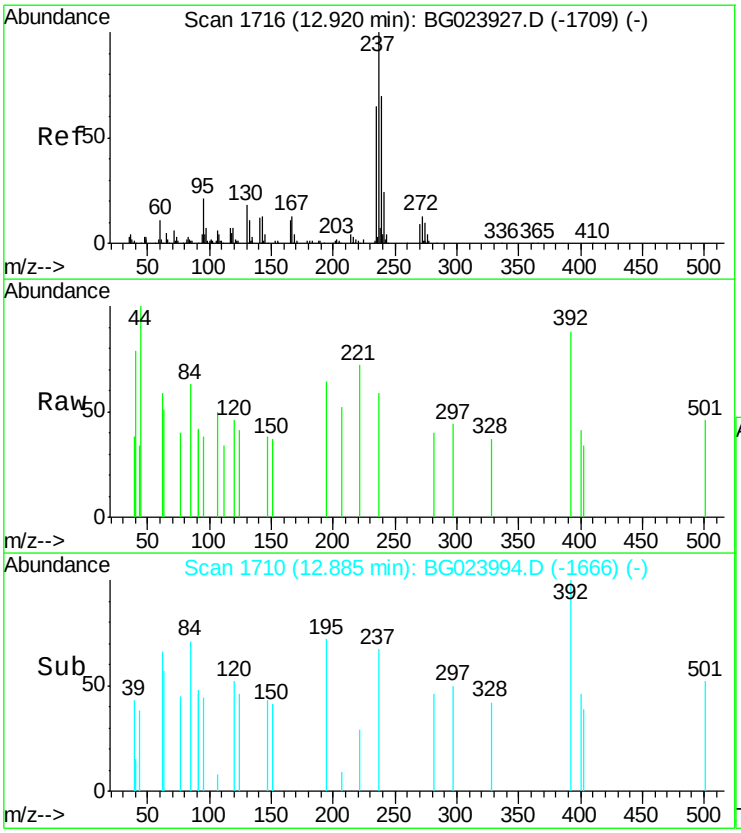
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:164 Resp: 152060

Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.7	131.5
160	47.0	37.2	55.8

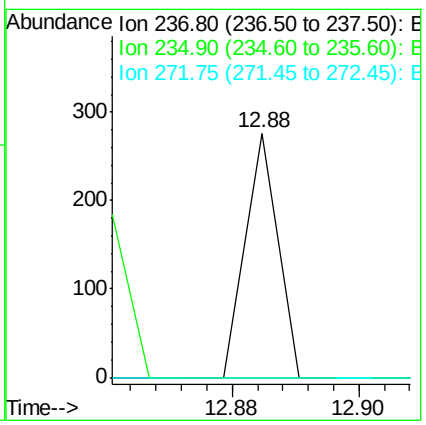


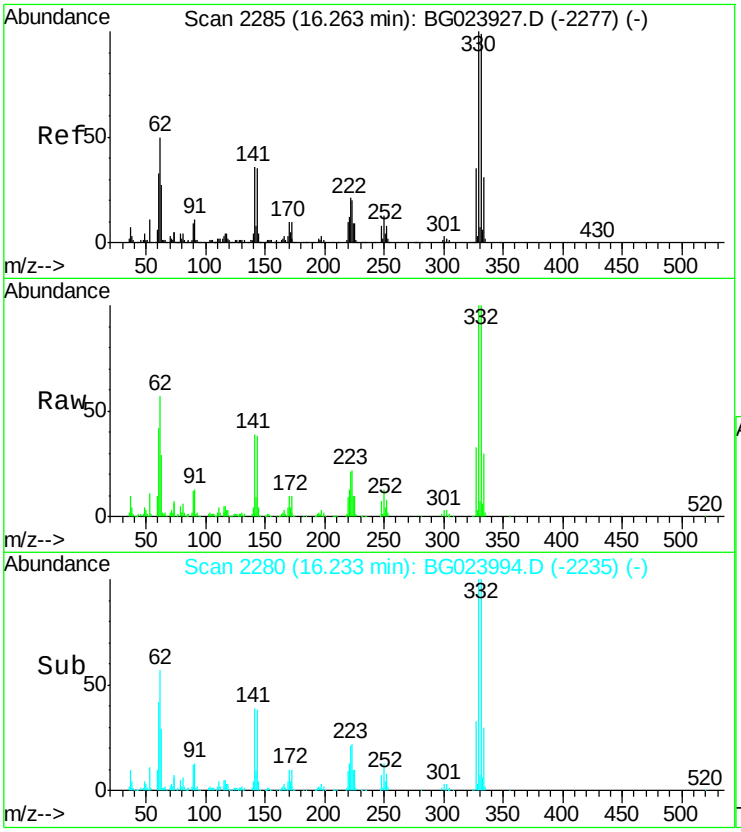


#40
Hexachlorocyclopentadiene
Concen: 7.11 ng
RT: 12.88 min Scan# 1710
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:237 Resp: 97

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



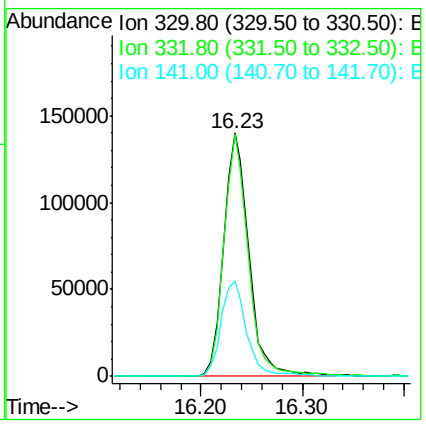


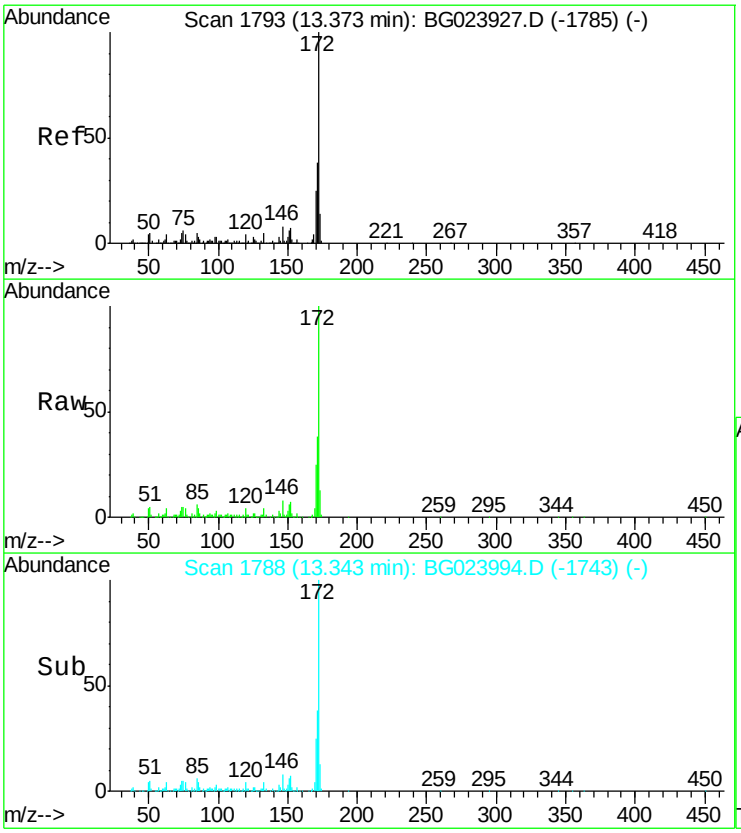
#41
2,4,6-Tribromophenol
Concen: 87.89 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:330 Resp: 240795

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	39.8	31.7	47.5

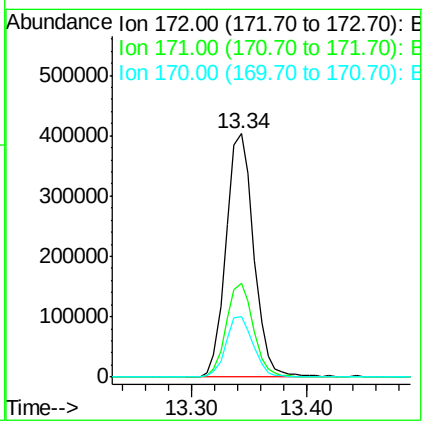


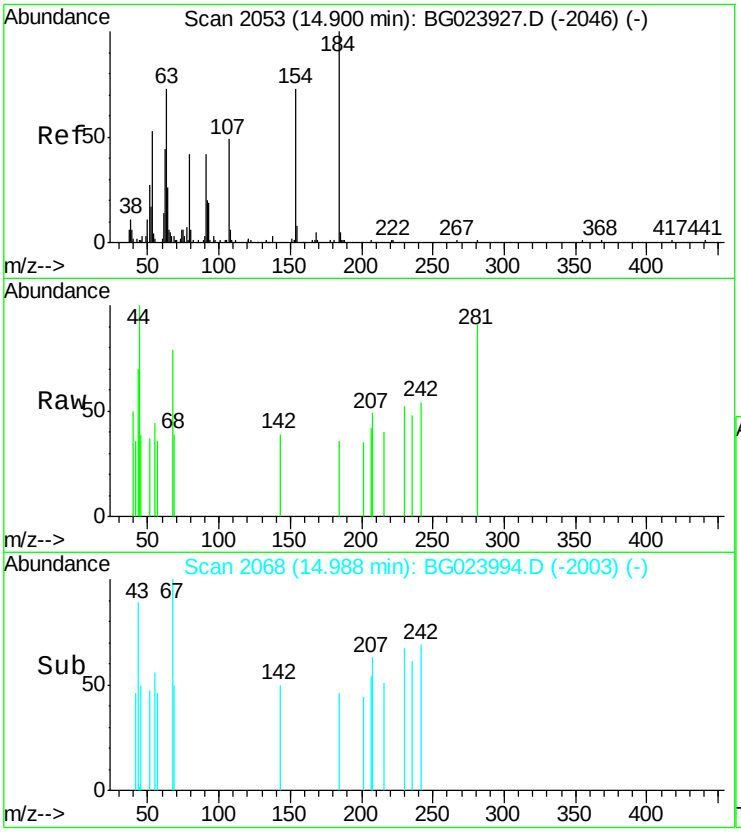


#44
2-Fluorobiphenyl
Concen: 63.21 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:172 Resp: 670353

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	24.8	21.3	31.9



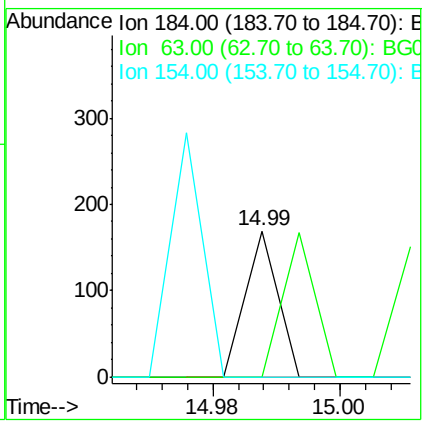


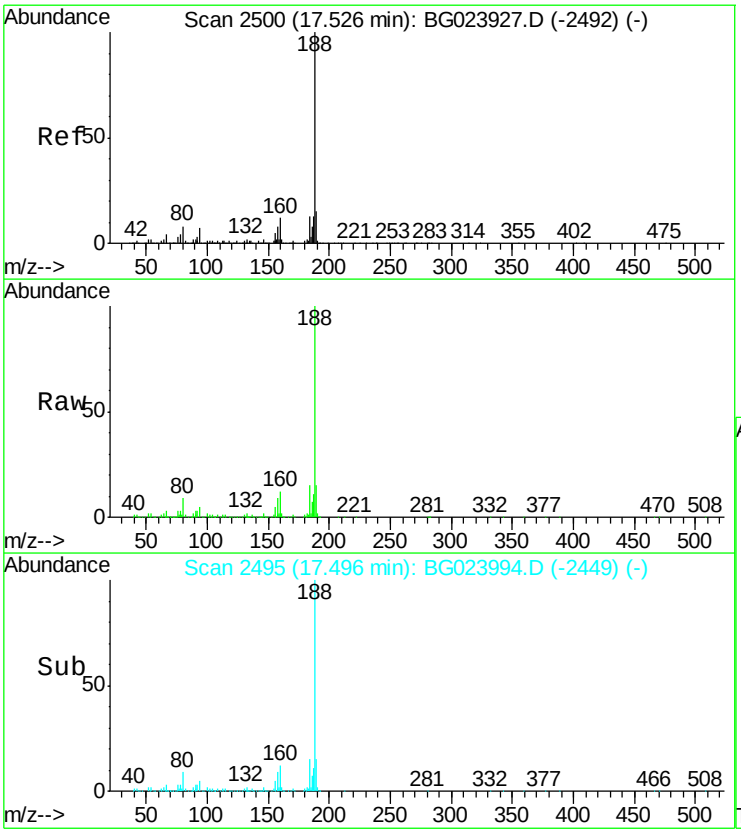
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.08 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

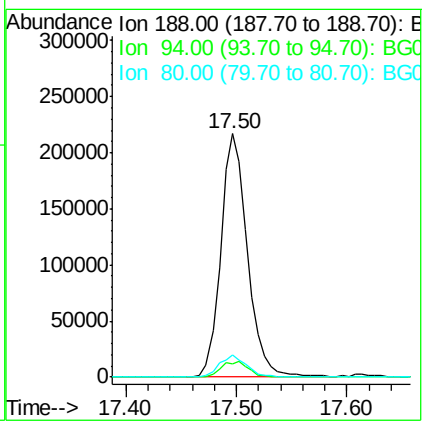


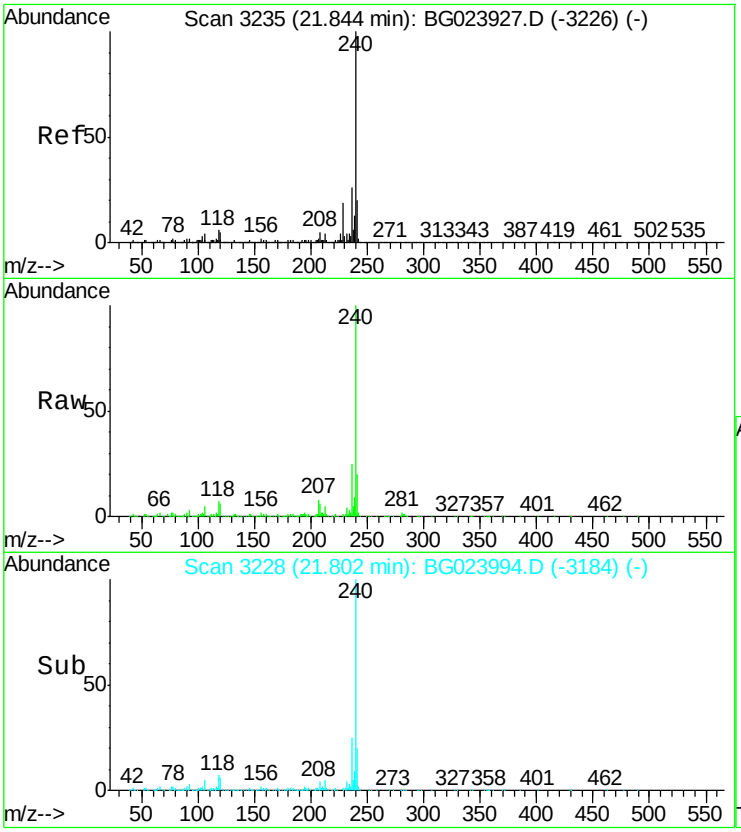


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:188 Resp: 365060

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.2	7.8
80	9.2	7.2	10.8



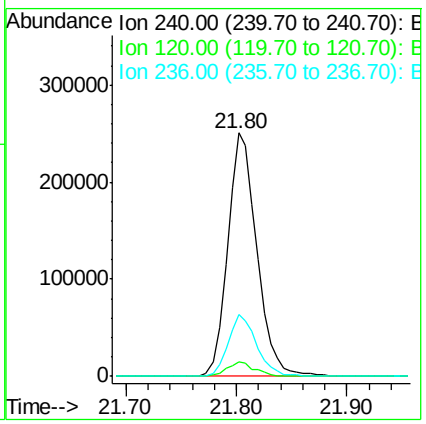


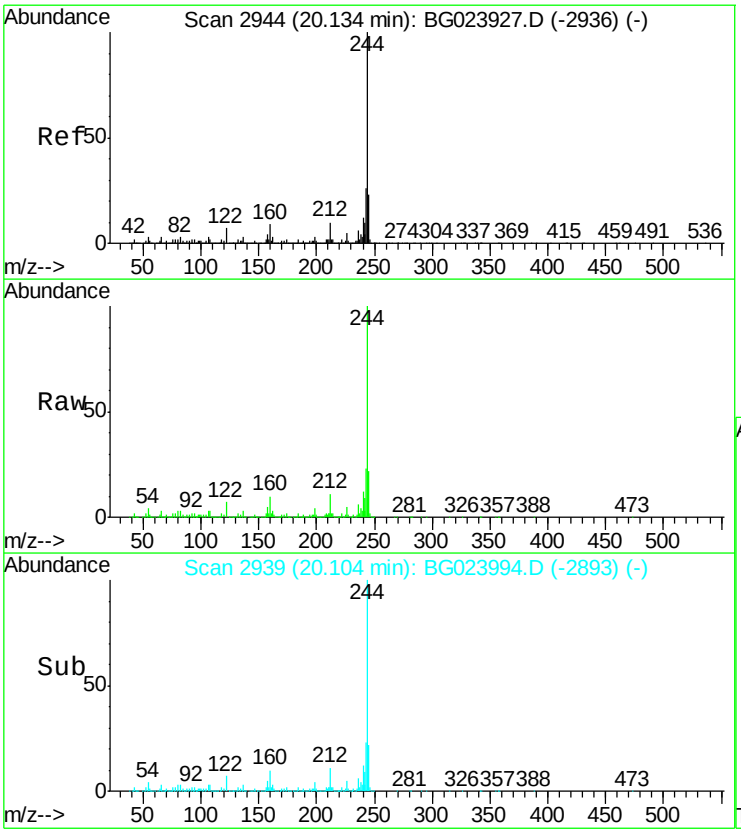
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.04 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:240 Resp: 461547

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	25.4	21.1	31.7

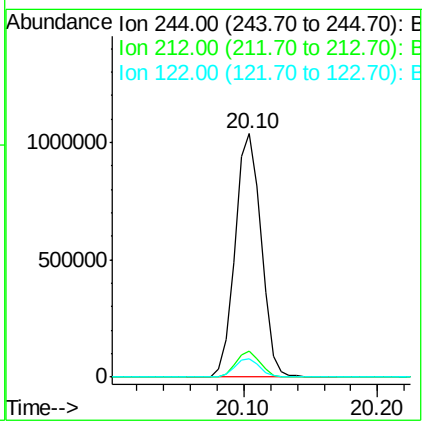


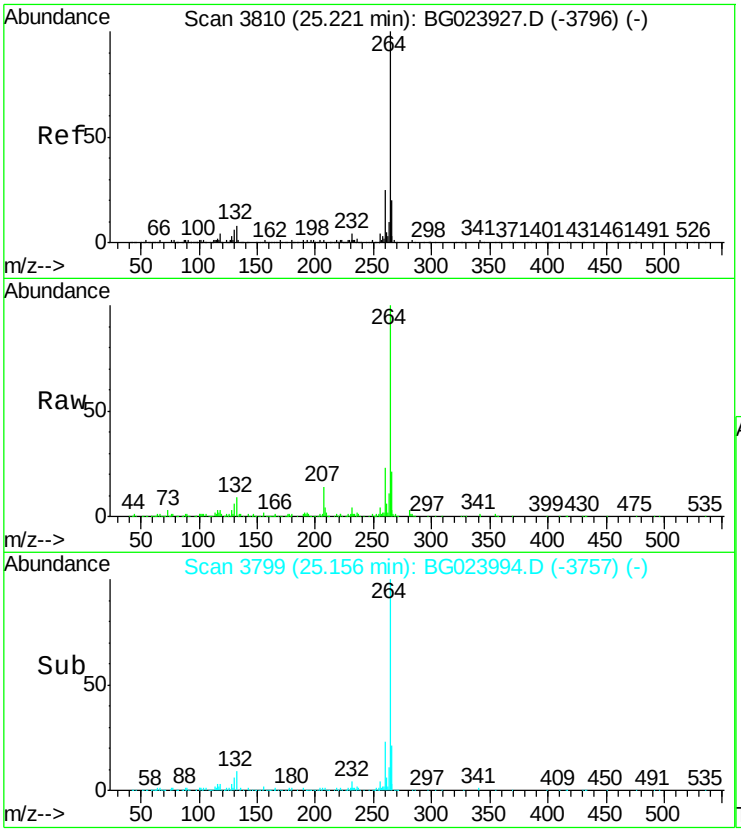


#78
Terphenyl-d14
Concen: 69.12 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:244 Resp: 1400841

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2#
122	7.4	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.05 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tgt Ion:264 Resp: 440678

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.2	18.9	28.3