Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
Data File : BG023988.D
Acq On : 14 Sep 2016 19:03
Operator : UM/SJ
Sample : H4764-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-69-091216

Quant Time: Sep 15 00:35:15 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	8.08	152	39884	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	170522	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	150703	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	354589	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	382260	20.00	ng	-0.02
86) Perylene-d12	25.20	264	348963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	313476	137.99	ng	-0.02
7) Phenol-d6	7.25	99	417636	119.43	ng	-0.03
23) Nitrobenzene-d5	9.26	82	388037	101.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	330754	121.82	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	836079	79.54	ng	-0.02
78) Terphenyl-d14	20.12	244	1532329	91.29	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.40	79	7792	2.53	ng	# 84
31) Naphthalene	10.96	128	81020	9.22	ng	# 95
33) 4-Chloroaniline	10.95	127	12148	3.31	ng	# 45
40) Hexachlorocyclopentadiene	12.89	237	58	7.10	ng	# 26
53) 2,4-Dinitrophenol	15.08	184	57	6.54	ng	# 10

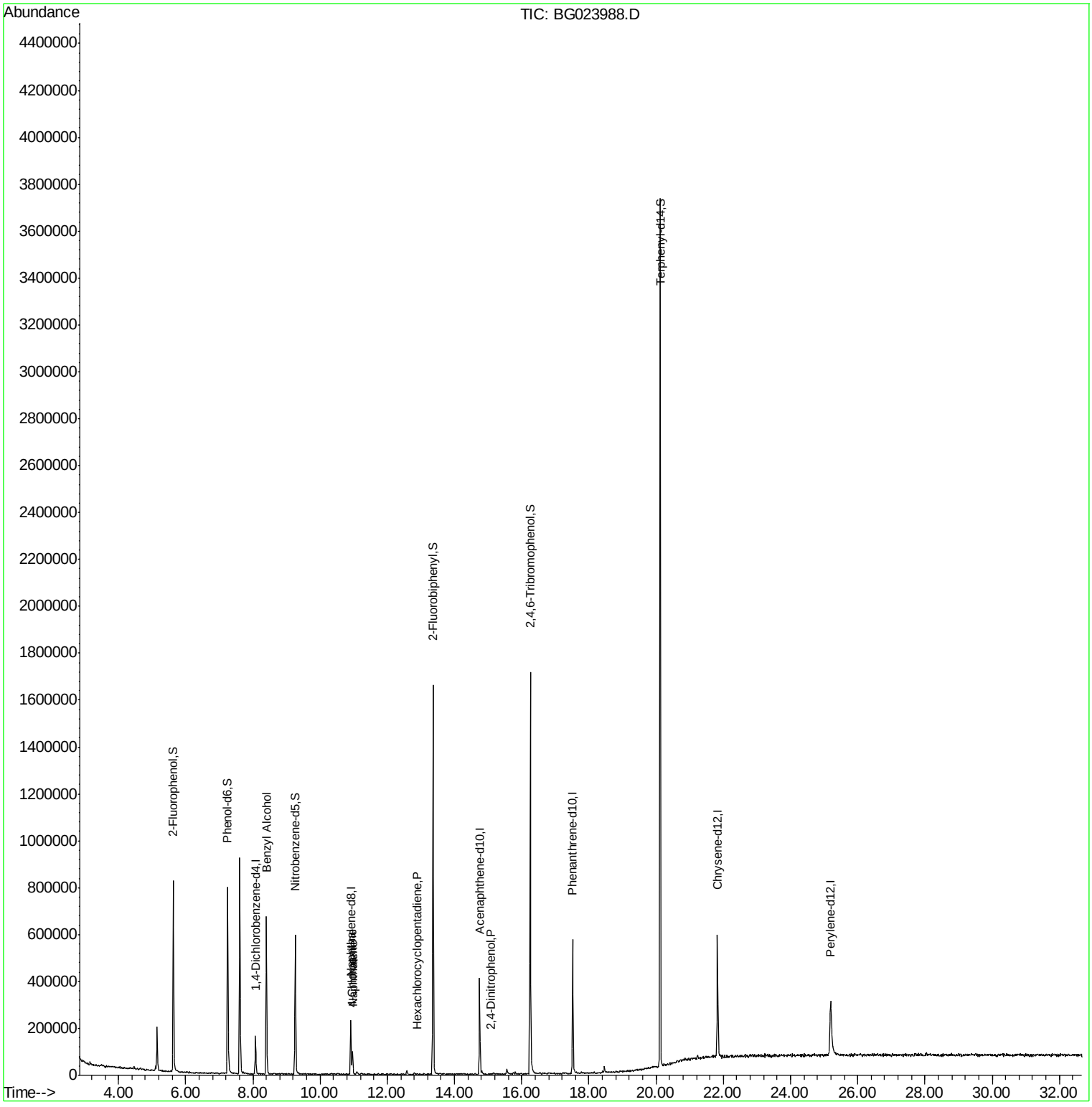
(#) = qualifier out of range (m) = manual integration (+) = signals summed

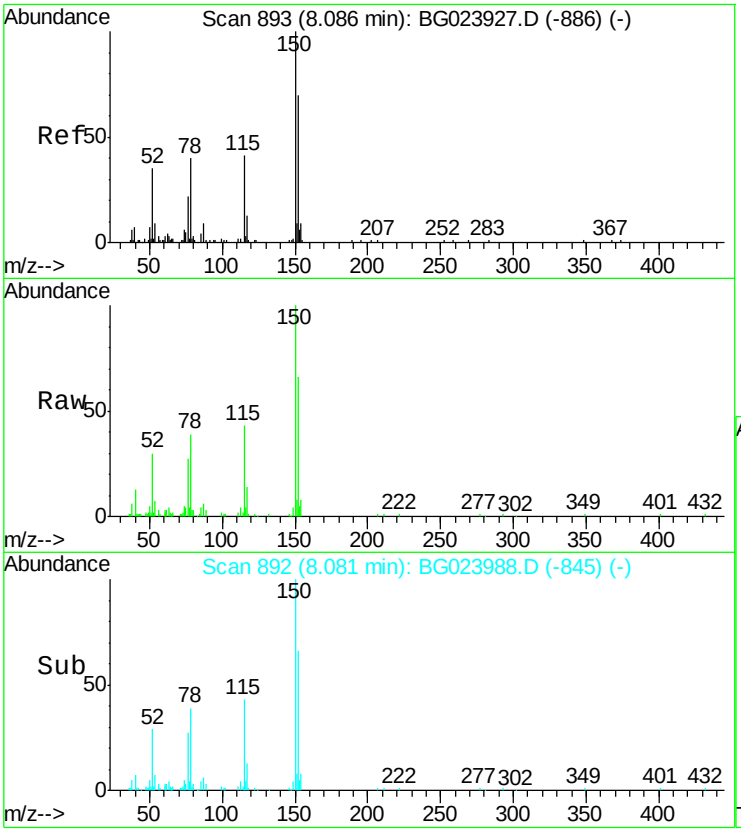
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
Data File : BG023988.D
Acq On : 14 Sep 2016 19:03
Operator : UM/SJ
Sample : H4764-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Quant Time: Sep 15 00:35:15 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



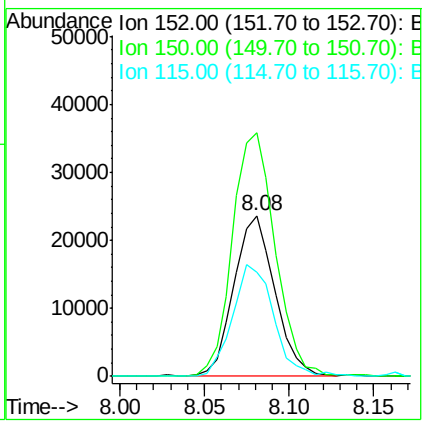


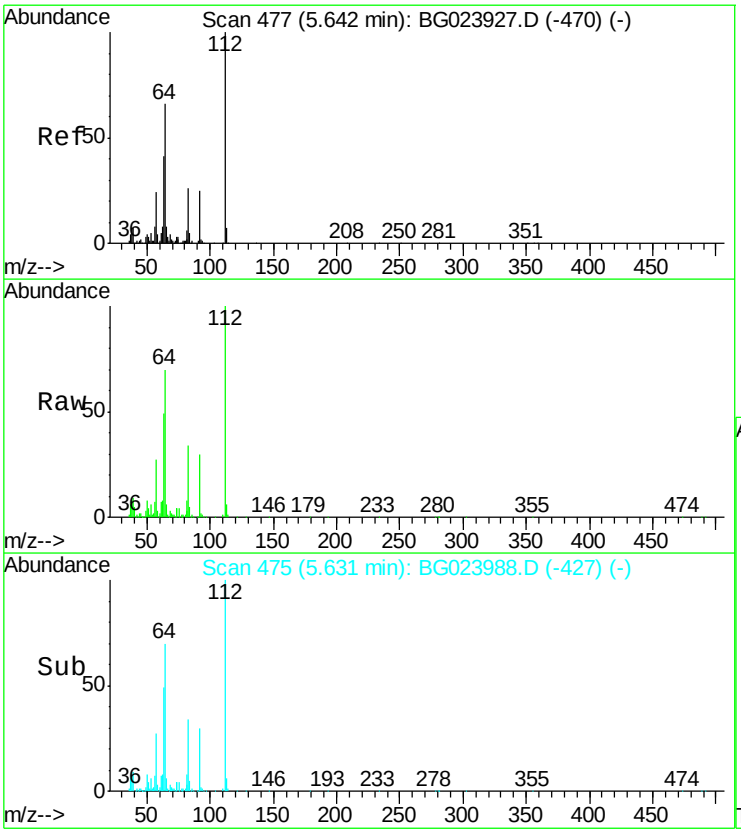
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:152 Resp: 39884

Ion	Ratio	Lower	Upper
152	100		
150	151.5	144.7	217.1
115	64.6	64.0	96.0

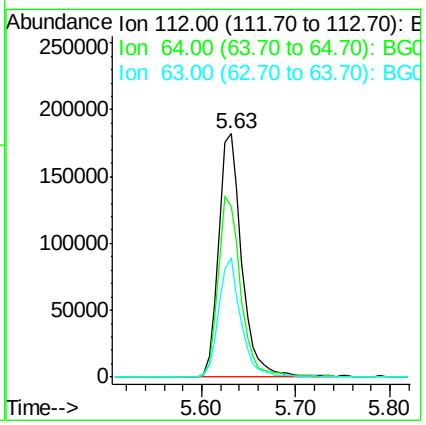


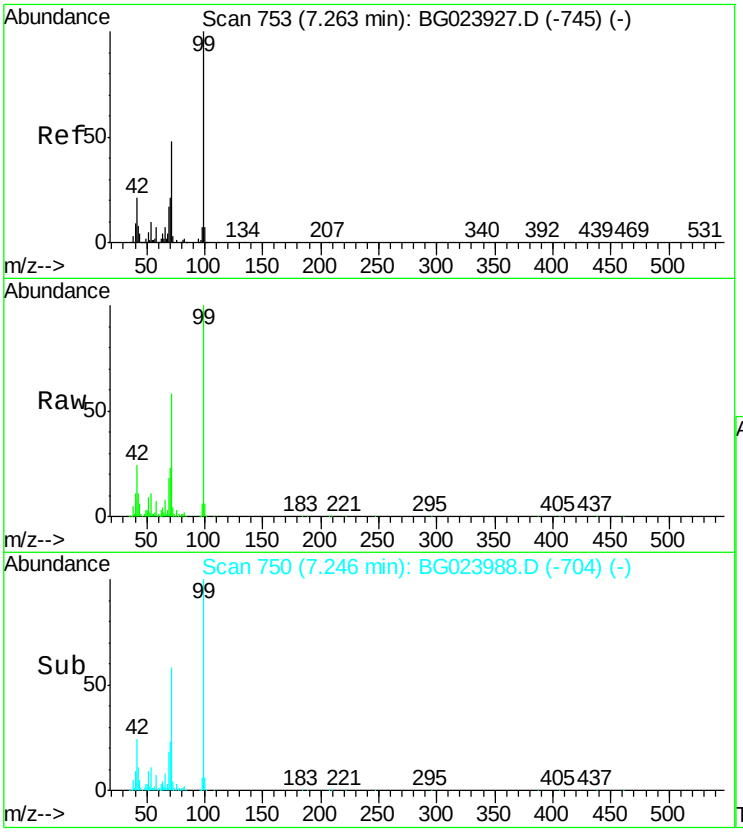


#5
2-Fluorophenol
Concen: 137.99 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:112 Resp: 313476

Ion	Ratio	Lower	Upper
112	100		
64	70.2	59.0	88.4
63	49.2	37.8	56.8



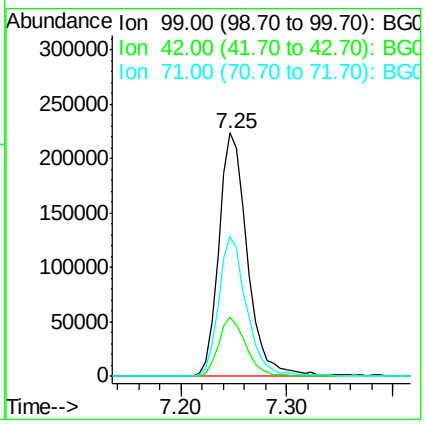


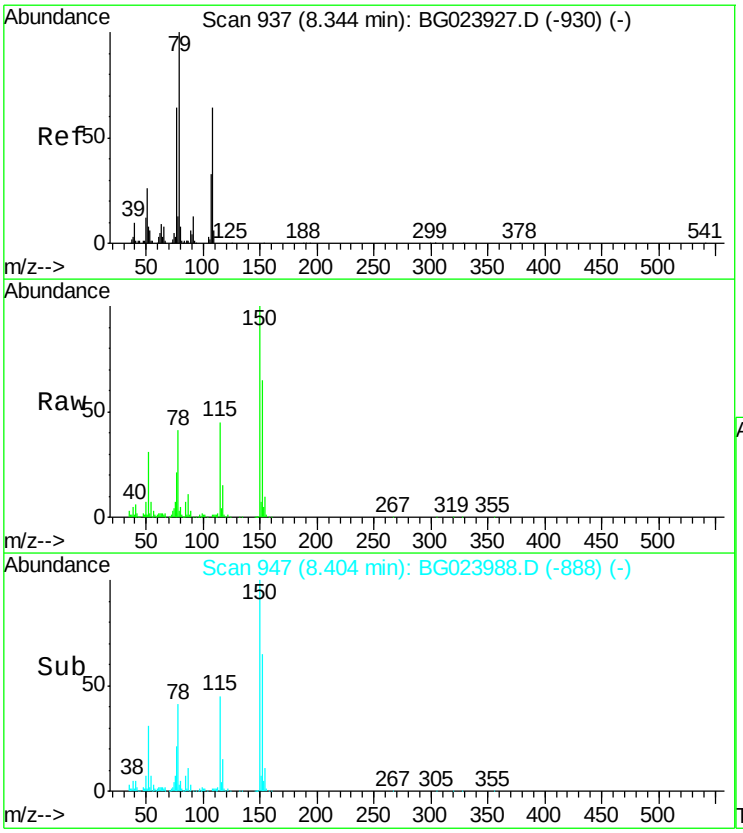
#7
Phenol-d6
Concen: 119.43 ng
RT: 7.25 min Scan# 750
Delta R.T. -0.03 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion: 99 Resp: 417636

Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.8	26.6
71	57.6	41.5	62.3

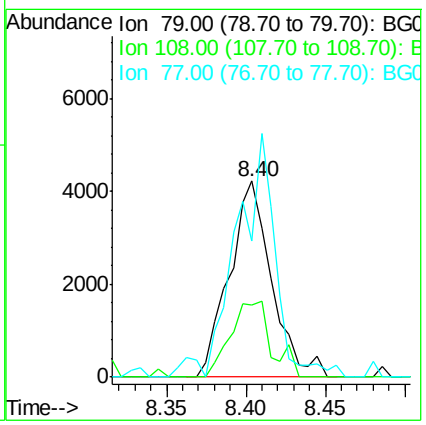


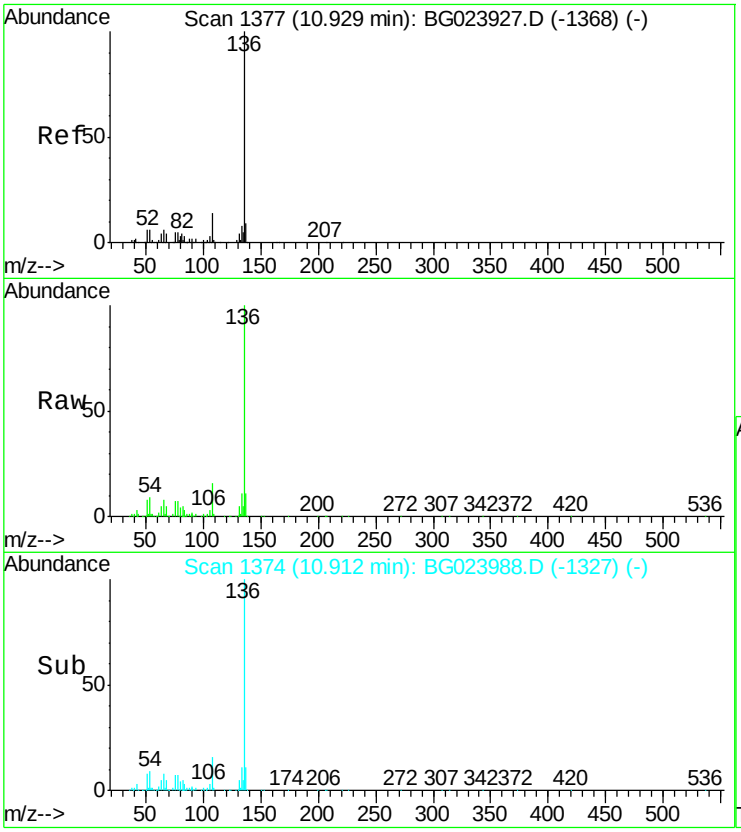


#15
Benzyl Alcohol
Concen: 2.53 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.05 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion: 79 Resp: 7792

Ion	Ratio	Lower	Upper
79	100		
108	36.7	46.5	69.7#
77	69.5	52.3	78.5



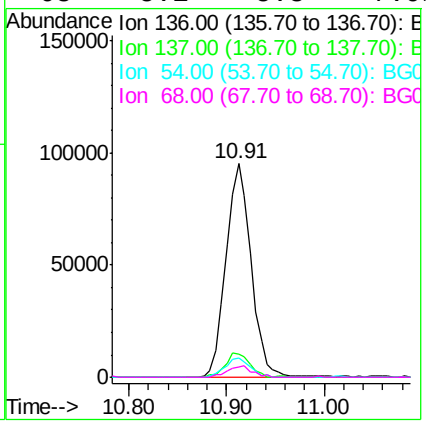


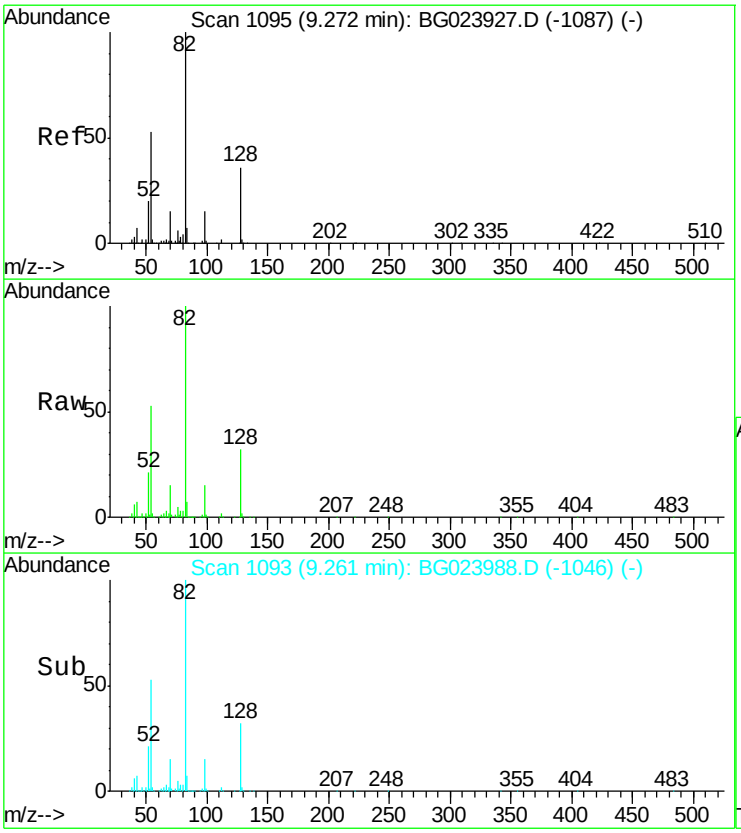
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:136 Resp: 170522

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.2	7.3	10.9
68	5.1	5.3	7.9#

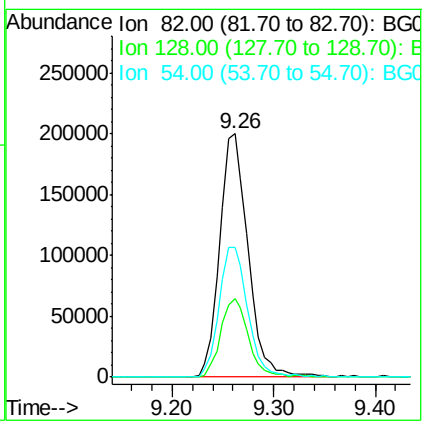


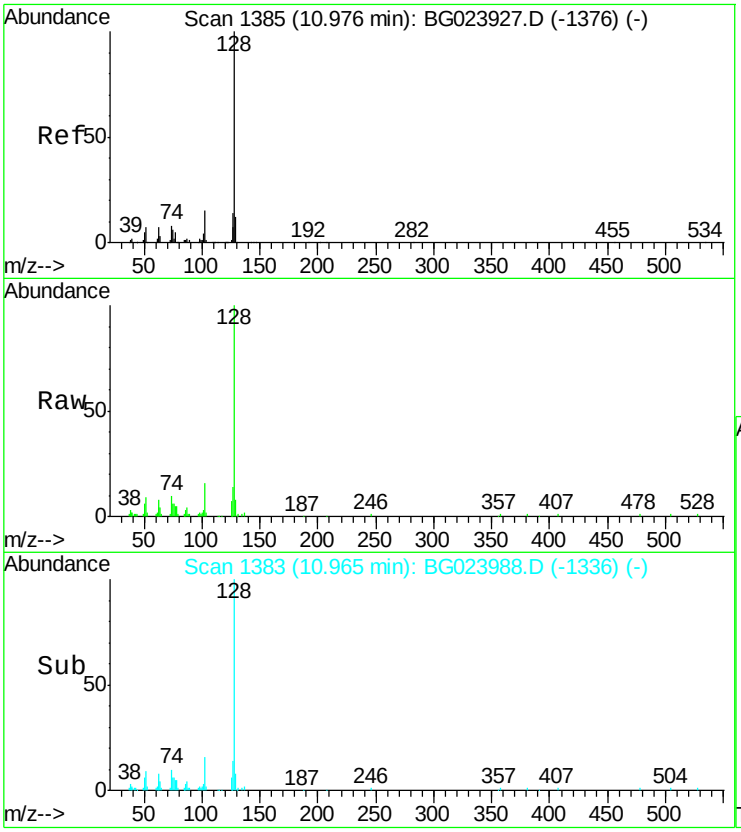


#23
Nitrobenzene-d5
Concen: 101.59 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion: 82 Resp: 388037

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	53.3	41.4	62.0



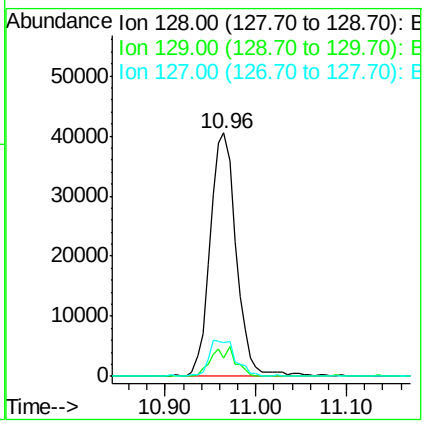


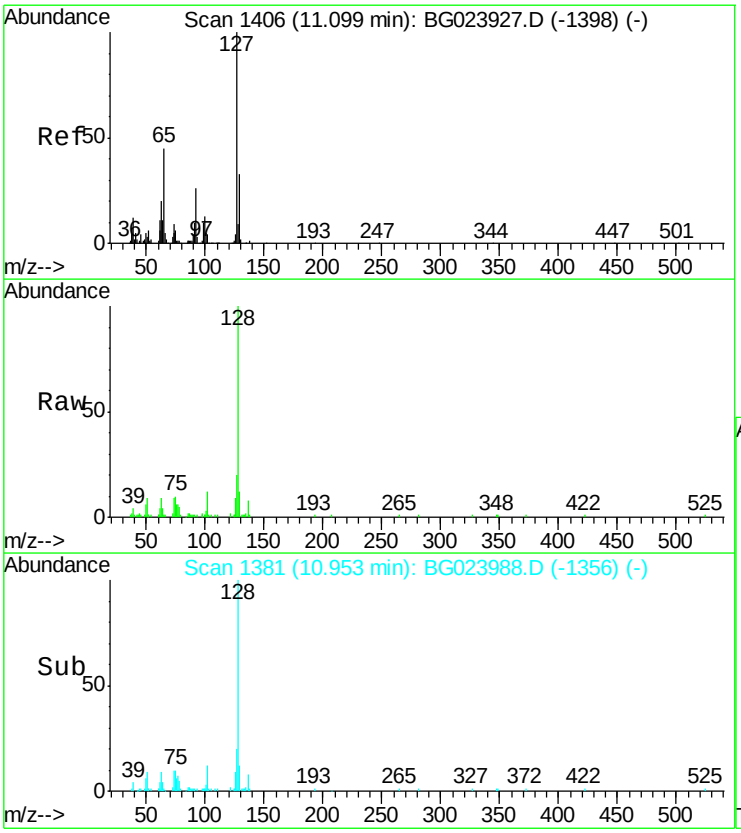
#31
Naphthalene
Concen: 9.22 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:128 Resp: 81020

Ion	Ratio	Lower	Upper
128	100		
129	7.6	9.4	14.0#
127	14.1	11.3	16.9

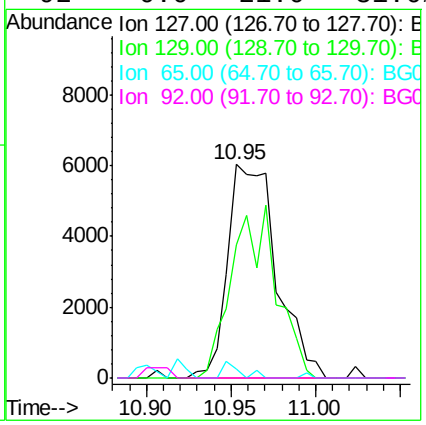


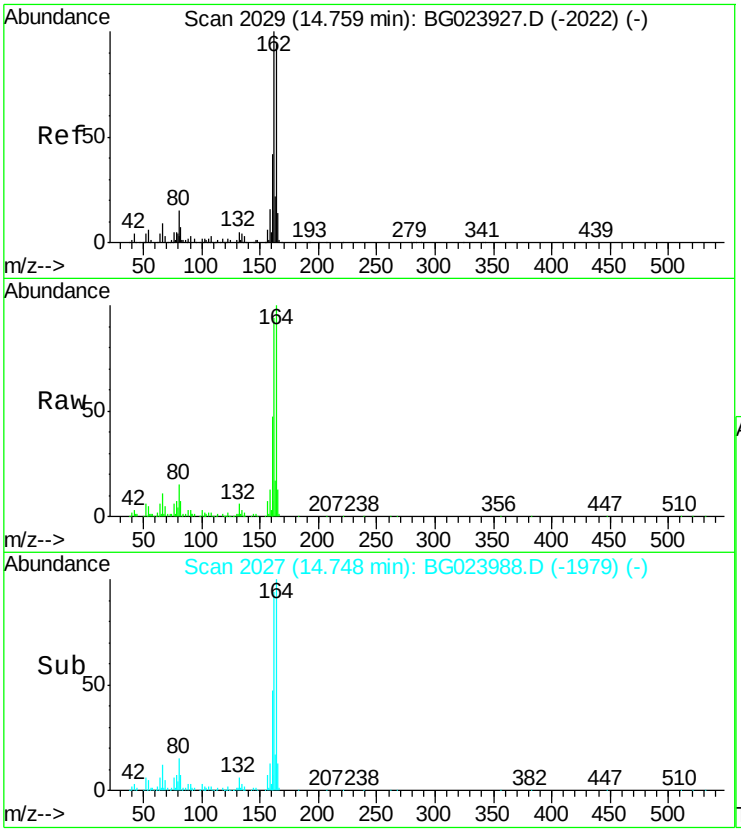


#33
4-Chloroaniline
Concen: 3.31 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.15 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:127 Resp: 12148

Ion	Ratio	Lower	Upper
127	100		
129	62.3	27.9	41.9#
65	3.9	36.8	55.2#
92	0.0	21.0	31.6#



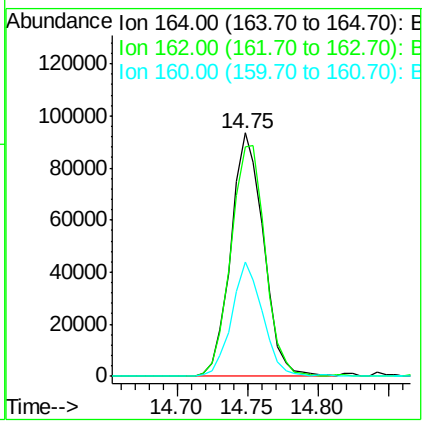


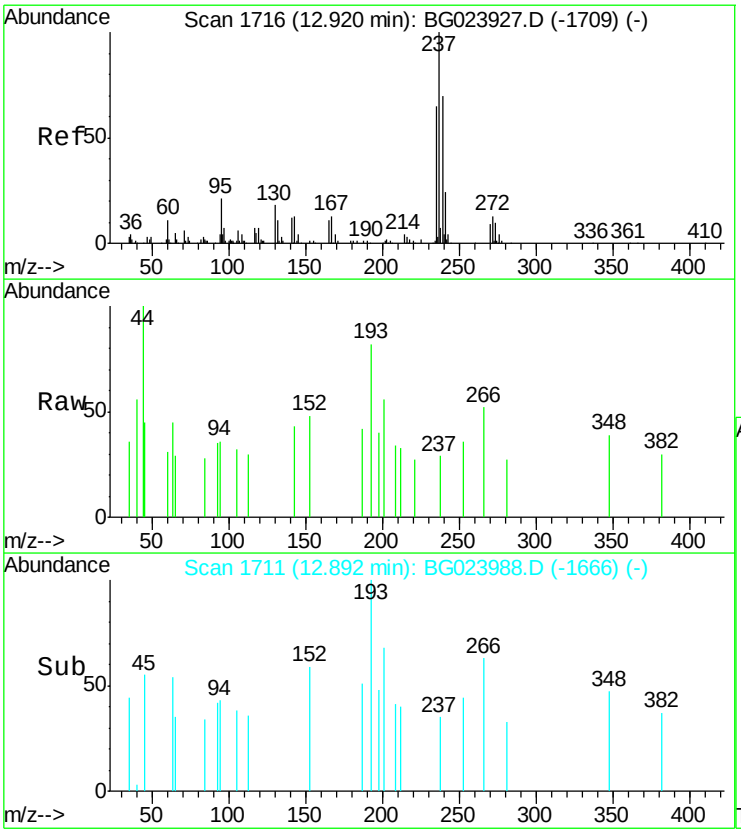
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:164 Resp: 150703

Ion	Ratio	Lower	Upper
164	100		
162	94.3	87.7	131.5
160	47.0	37.2	55.8

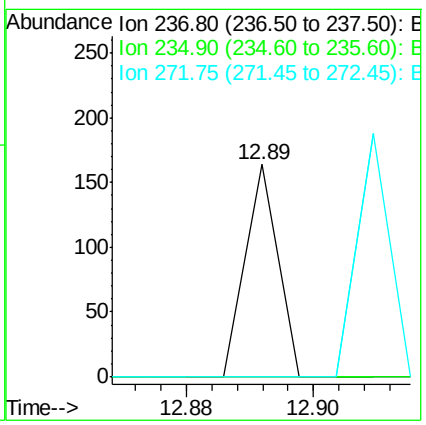


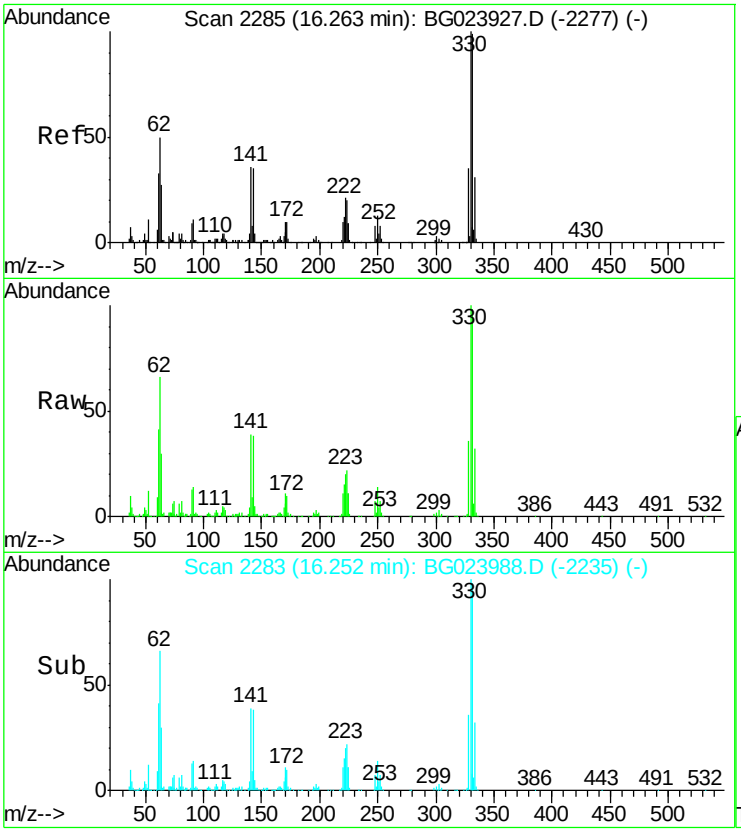


#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.89 min Scan# 1711
Delta R.T. -0.03 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:237 Resp: 58

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



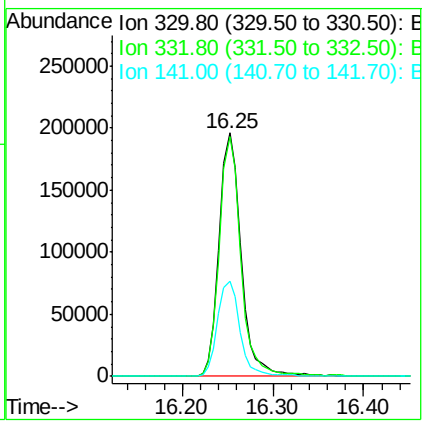


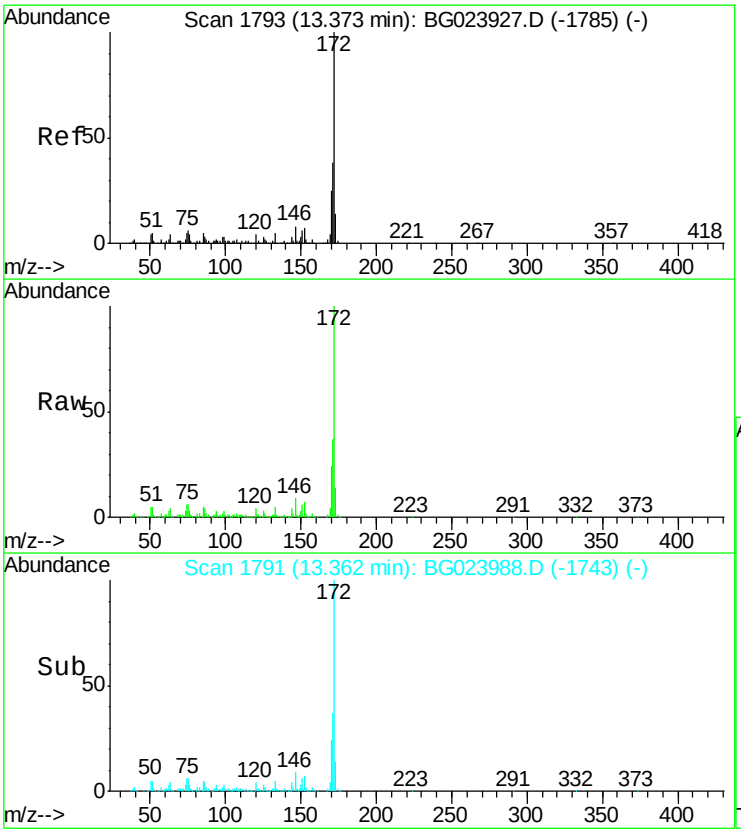
#41
2,4,6-Tribromophenol
Concen: 121.82 ng
RT: 16.25 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:330 Resp: 330754

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	39.4	31.7	47.5

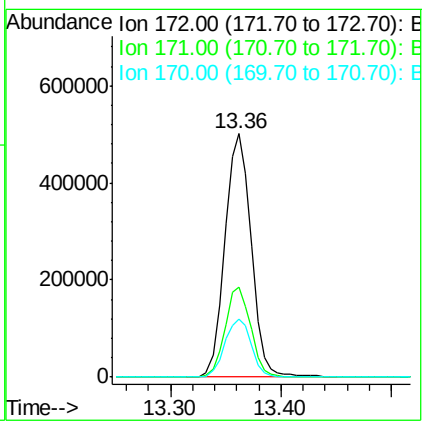


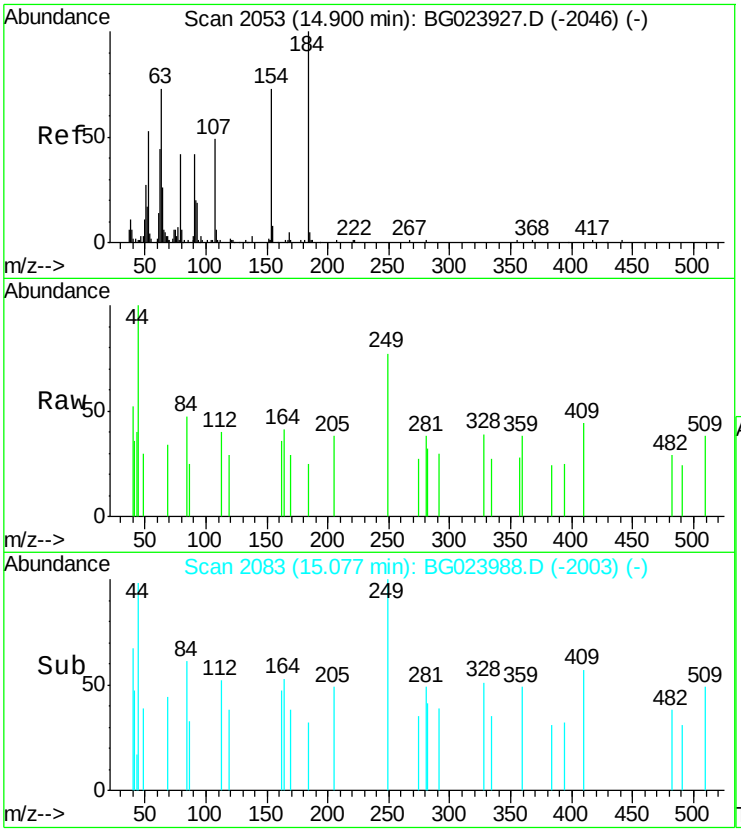


#44
2-Fluorobiphenyl
Concen: 79.54 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:172 Resp: 836079

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.6	47.4
170	24.0	21.3	31.9



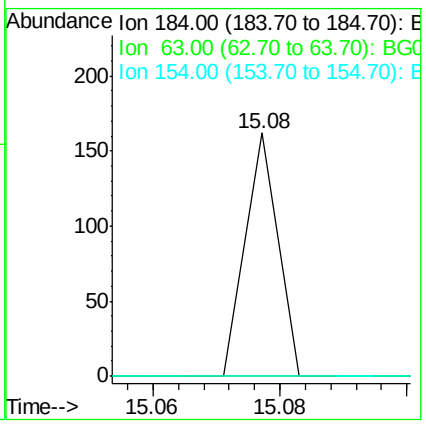


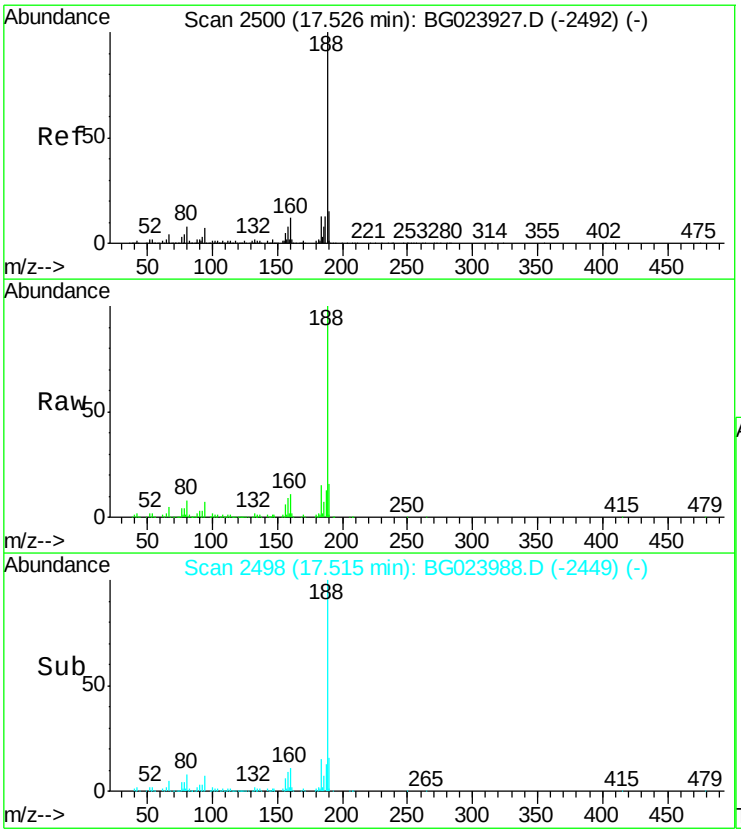
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.17 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:184 Resp: 57

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

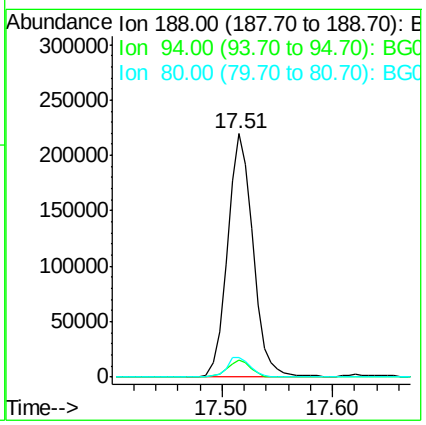


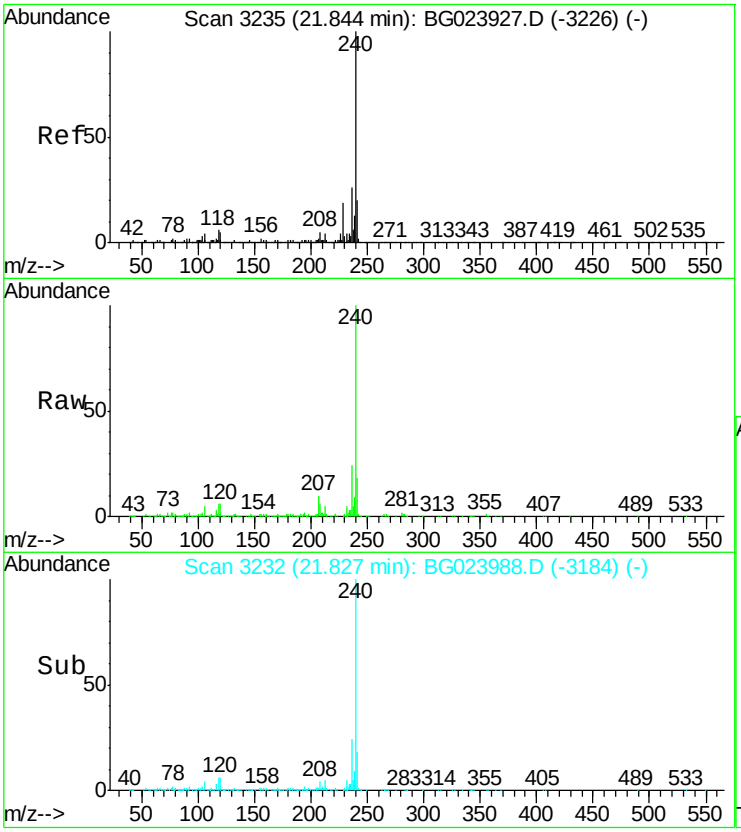


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:188 Resp: 354589

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	8.1	7.2	10.8



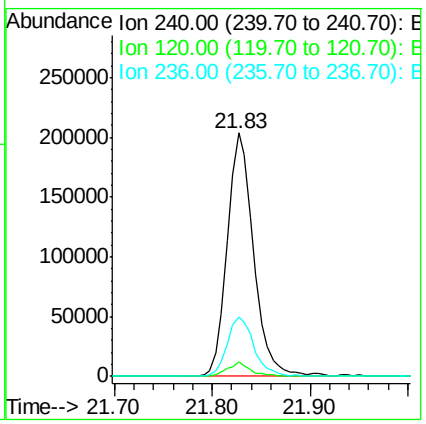


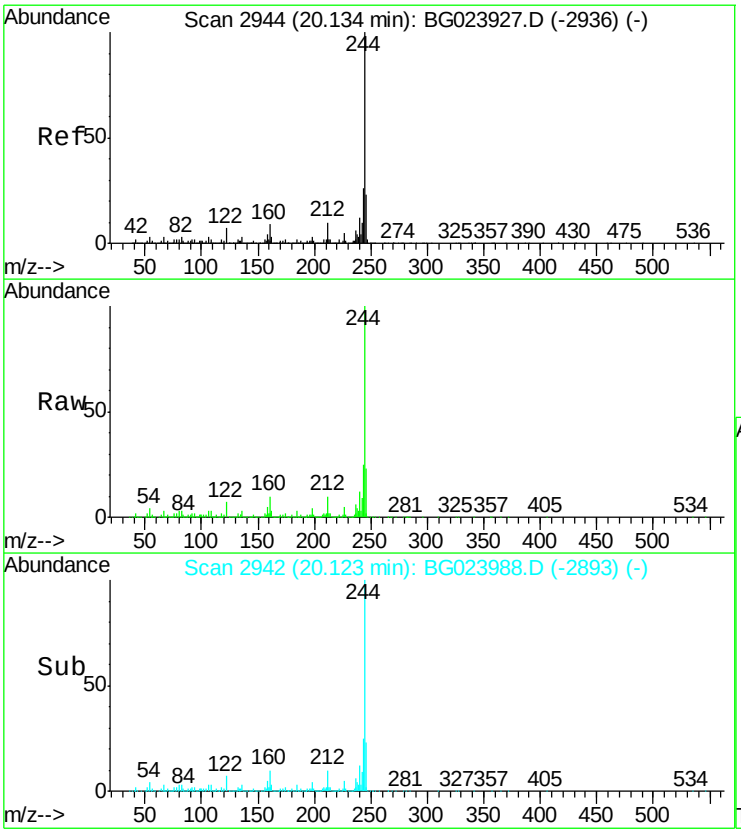
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:240 Resp: 382260

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	24.5	21.1	31.7

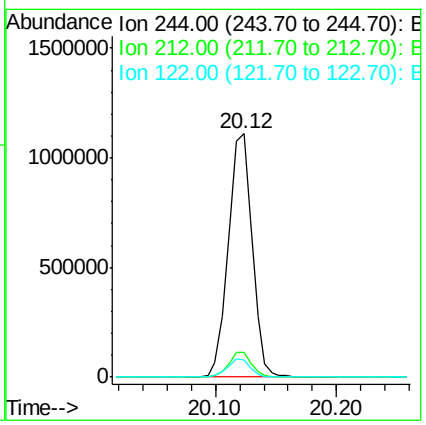


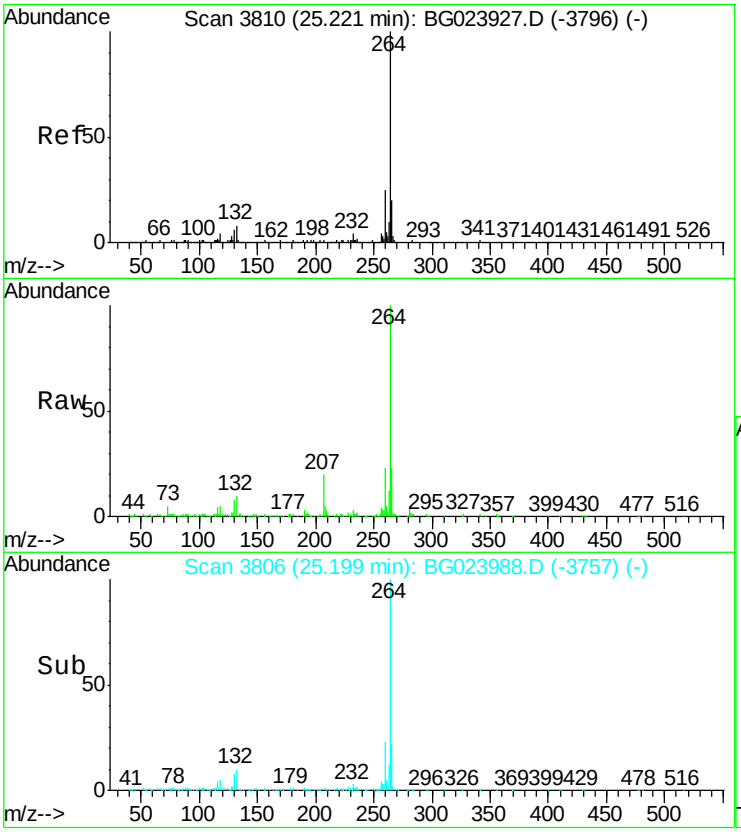


#78
Terphenyl-d14
Concen: 91.29 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:244 Resp: 1532329

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.8	16.2#
122	7.1	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:264 Resp: 348963

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.4	18.9	28.3