Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023897.D
Acq On : 25 Aug 2016 17:18
Operator : UM/SJ
Sample : H4581-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-67-082316

Quant Time: Aug 26 01:04:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	117837	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	498213	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	325880	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	806197	20.00	ng	0.00
75) Chrysene-d12	21.84	240	933654	20.00	ng	0.00
86) Perylene-d12	25.21	264	908550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	703796	100.54	ng	0.00
7) Phenol-d6	7.25	99	947567	86.90	ng	0.00
23) Nitrobenzene-d5	9.27	82	748024	74.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	446277	93.63	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1484794	76.85	ng	0.00
78) Terphenyl-d14	20.13	244	2332196	76.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.25	77	2117	Below Cal	#	17
32) Benzoic acid	10.32	122	76	6.45	ng	# 1
73) Di-n-butylphthalate	18.48	149	4979	Below Cal	#	94
74) Fluoranthene	19.60	202	1034	Below Cal	#	60
77) Pyrene	19.95	202	433	Below Cal	#	47

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Misc :
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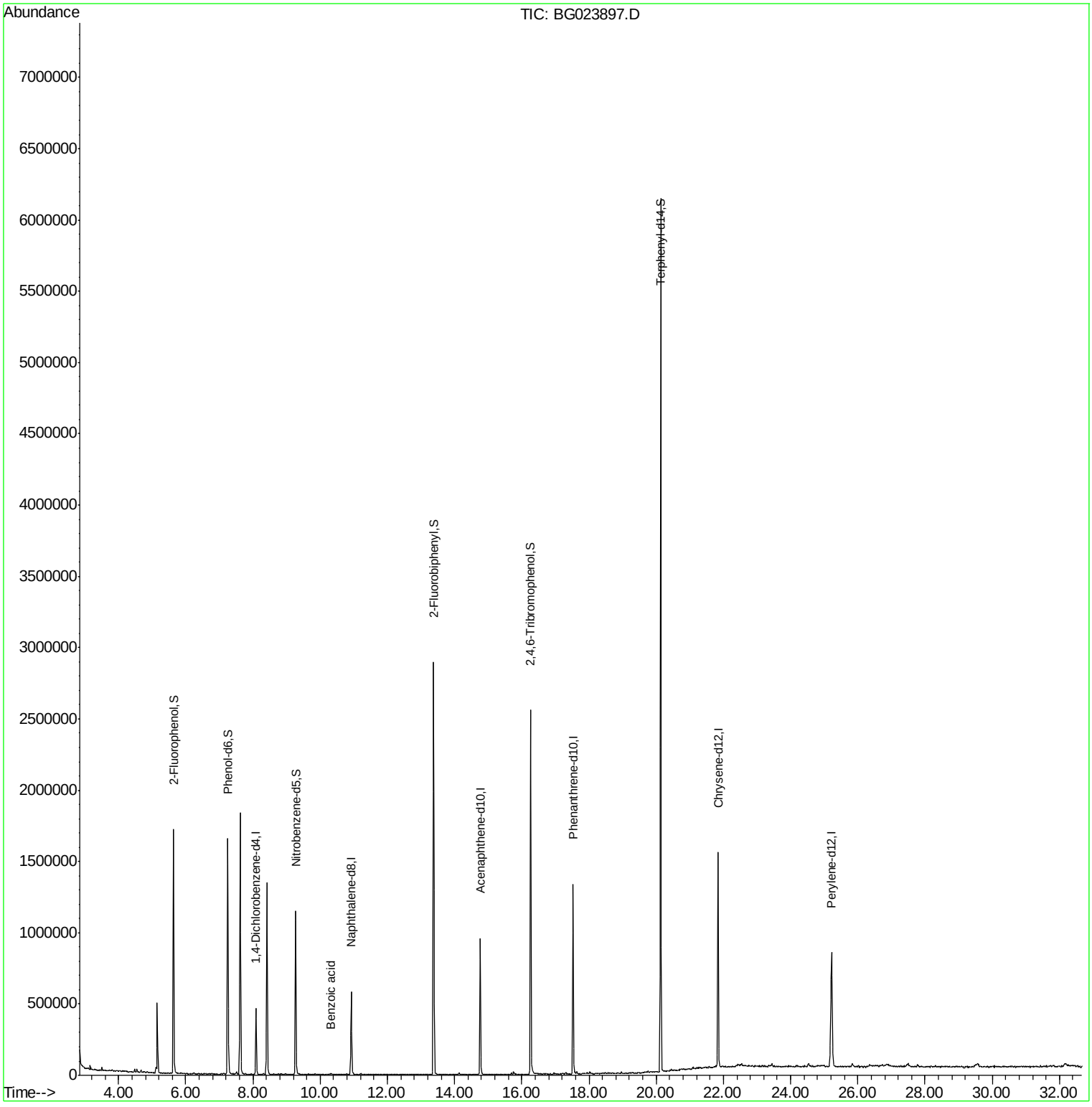
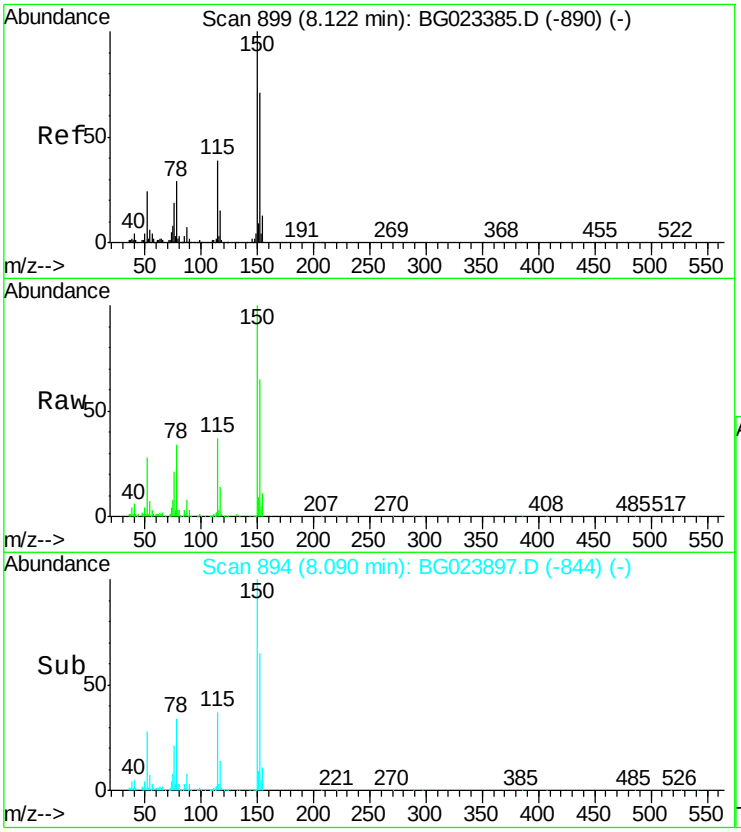


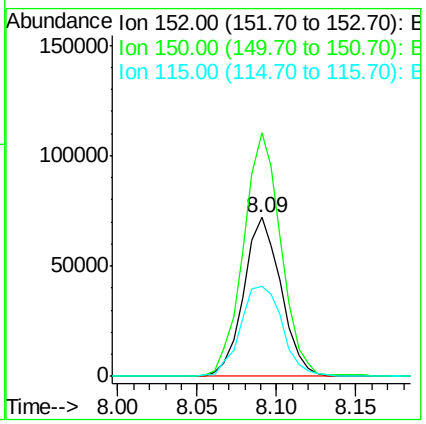


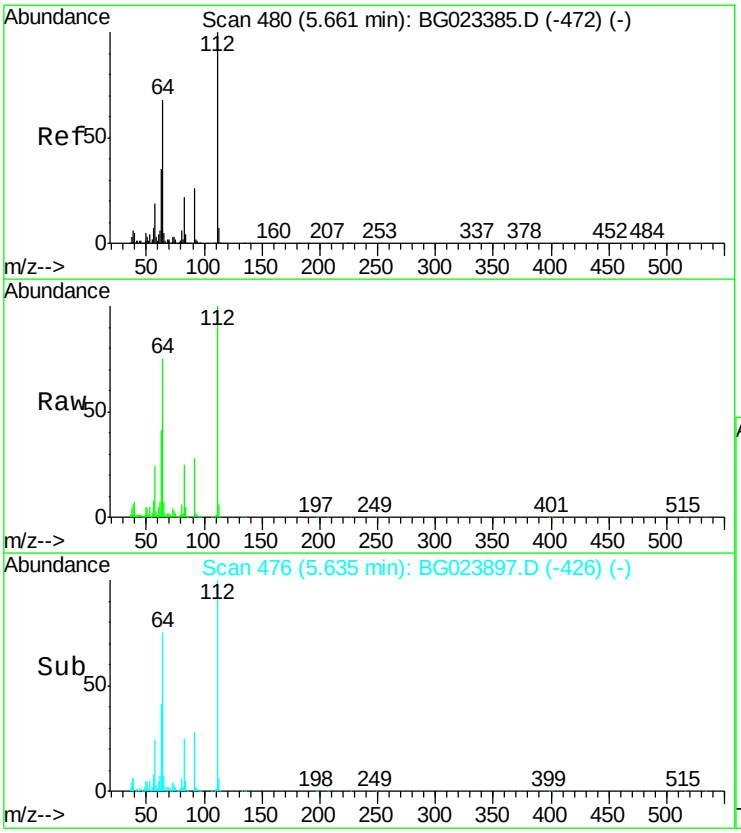
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:152 Resp: 117837

Ion	Ratio	Lower	Upper
152	100		
150	153.3	144.7	217.1
115	56.6	64.0	96.0#

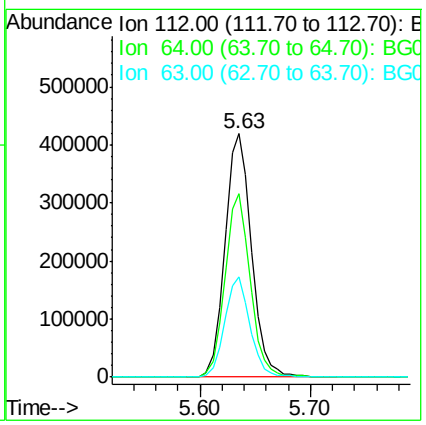


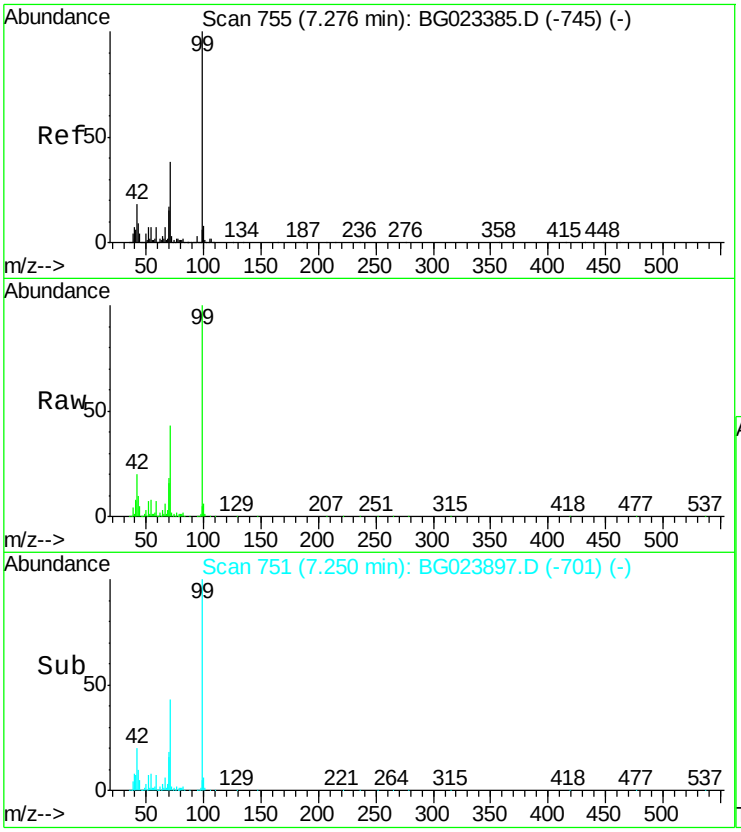


#5
2-Fluorophenol
Concen: 100.54 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:112 Resp: 703796

Ion	Ratio	Lower	Upper
112	100		
64	75.3	59.0	88.4
63	41.0	37.8	56.8



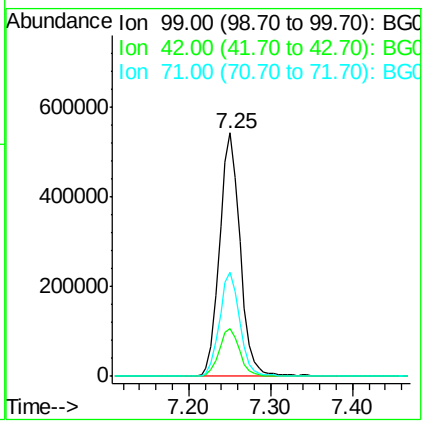


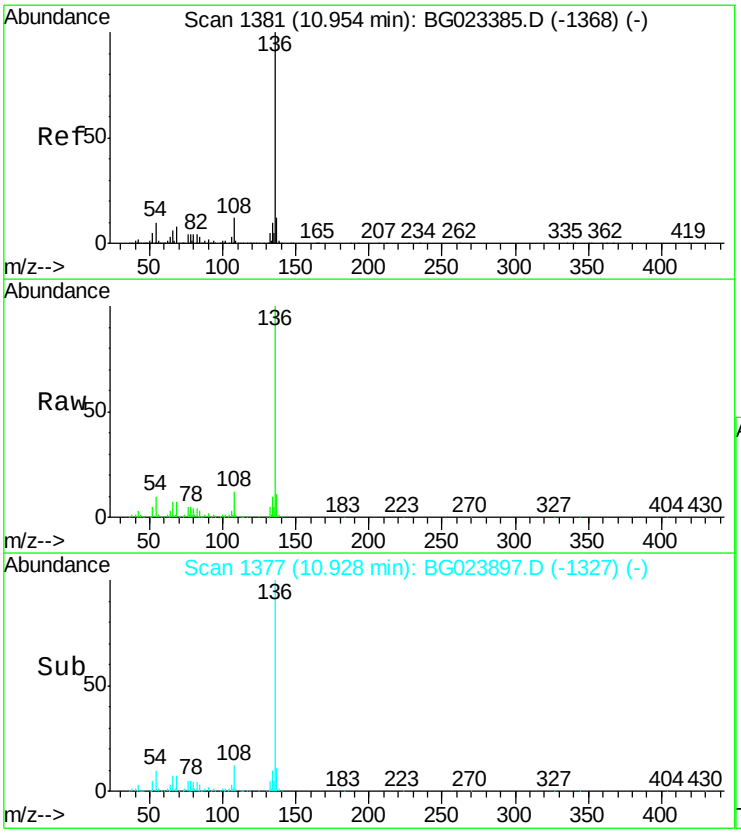
#7
Phenol-d6
Concen: 86.90 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion: 99 Resp: 947567

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	42.8	41.5	62.3

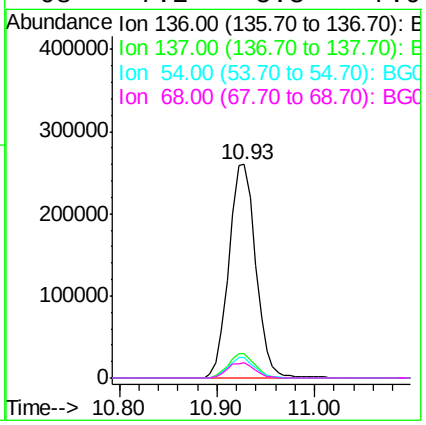


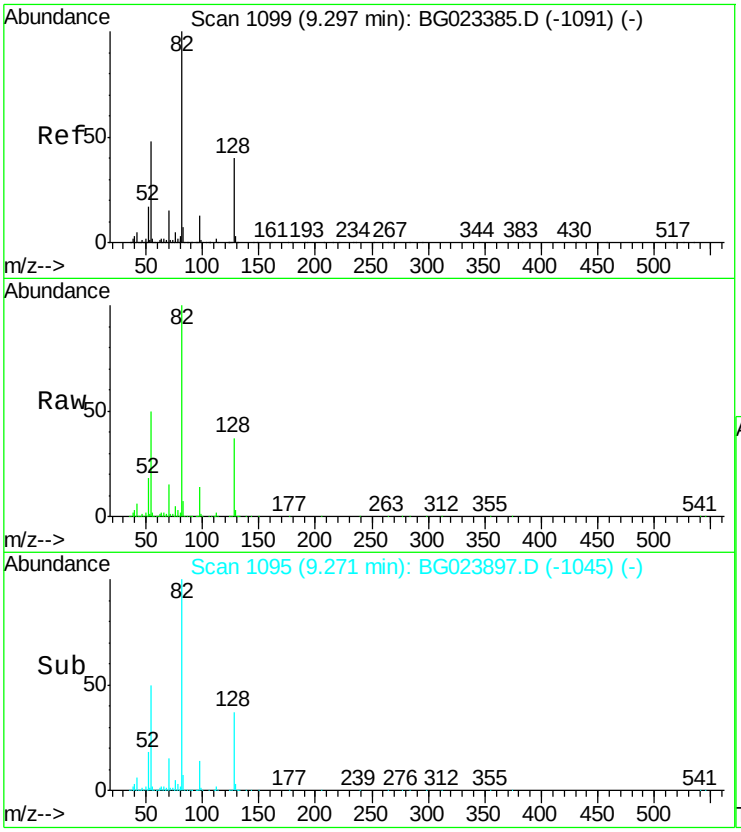


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:136 Resp: 498213

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.3	10.9
68	7.2	5.3	7.9



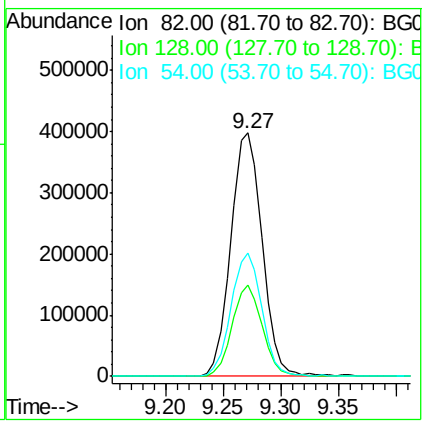


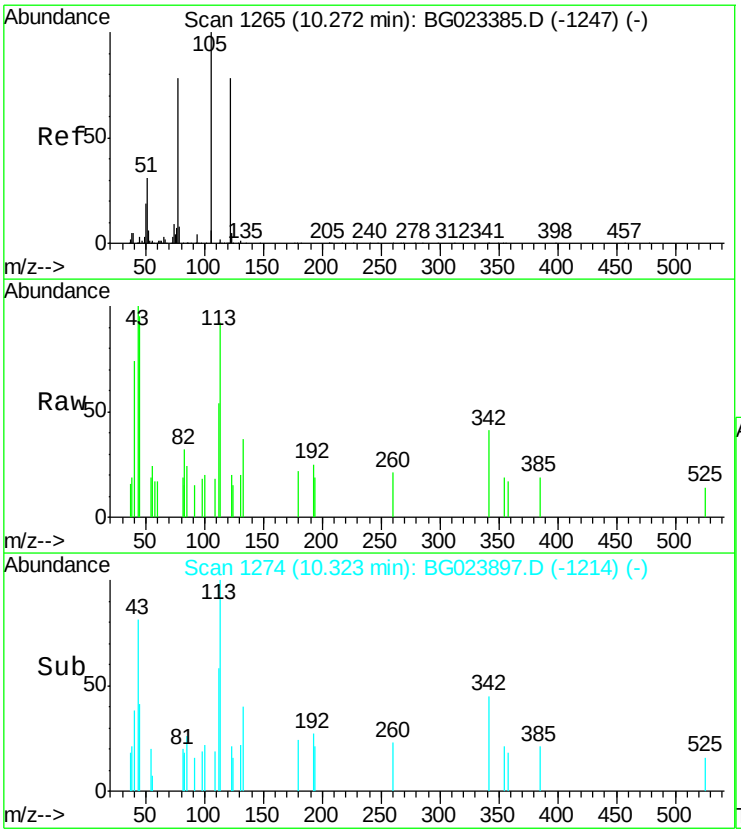
#23
Nitrobenzene-d5
Concen: 74.64 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion: 82 Resp: 748024

Ion	Ratio	Lower	Upper
82	100		
128	37.4	24.4	36.6#
54	50.4	41.4	62.0

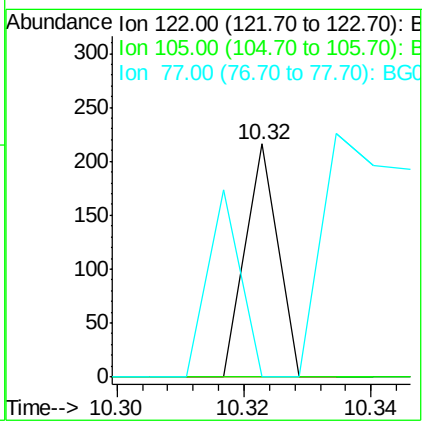


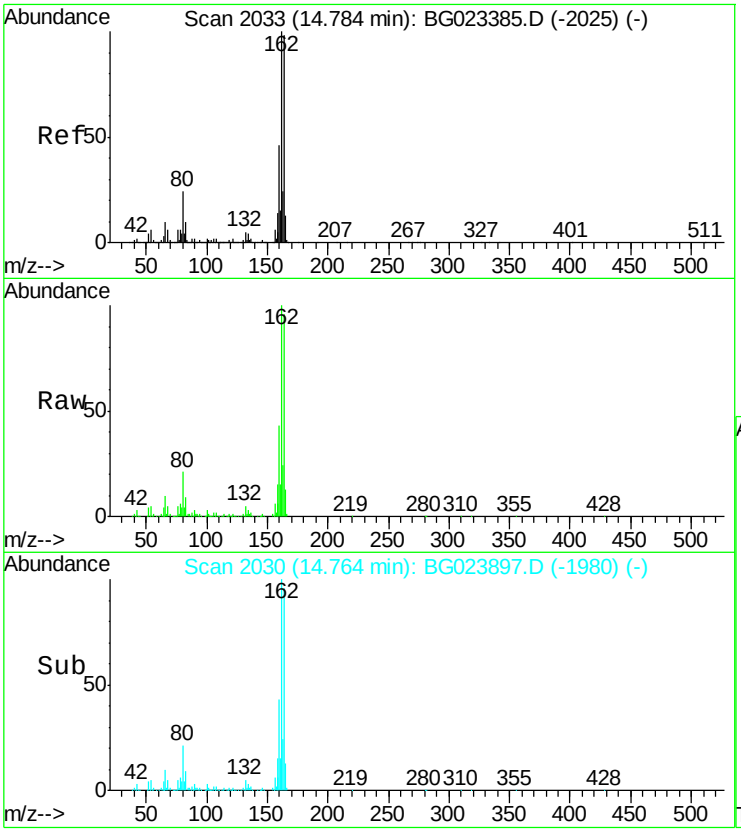


#32
Benzoic acid
Concen: 6.45 ng
RT: 10.32 min Scan# 1274
Delta R.T. 0.05 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:122 Resp: 76

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



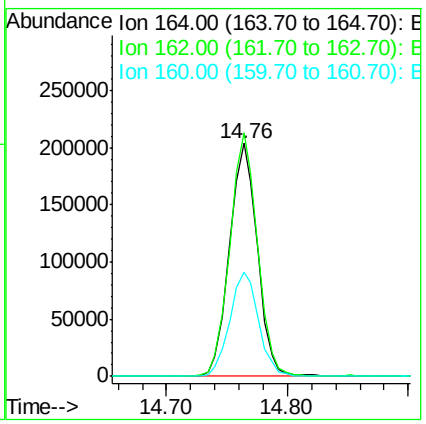


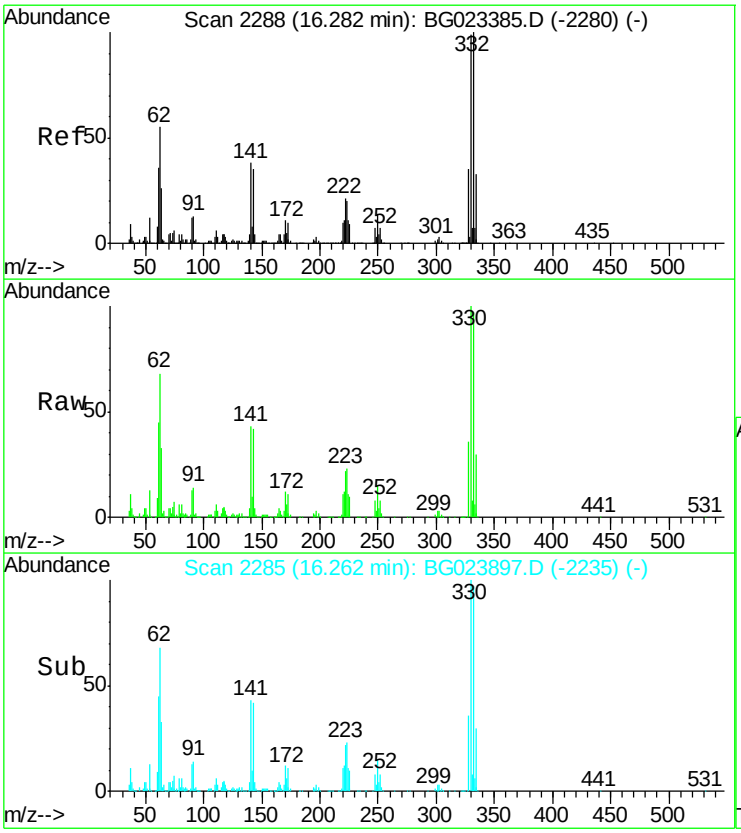
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:164 Resp: 325880

Ion	Ratio	Lower	Upper
164	100		
162	104.6	87.7	131.5
160	44.9	37.2	55.8

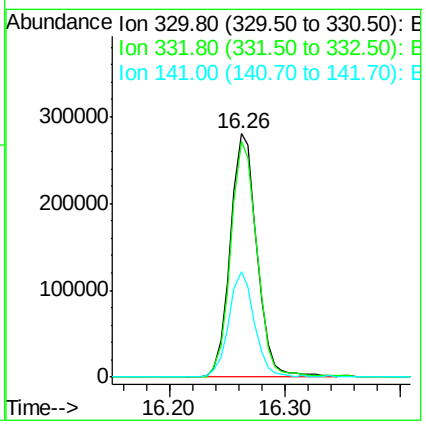


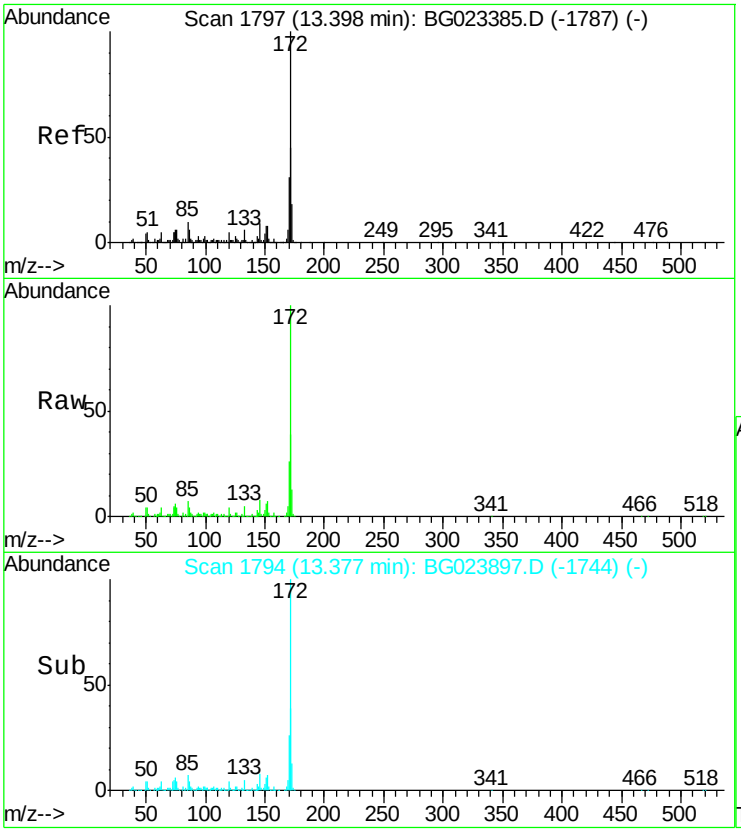


#41
2,4,6-Tribromophenol
Concen: 93.63 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:330 Resp: 446277

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	42.0	31.7	47.5



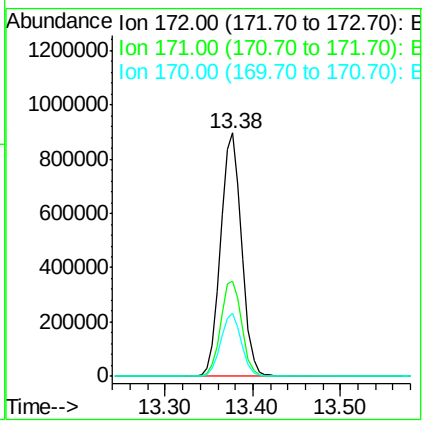


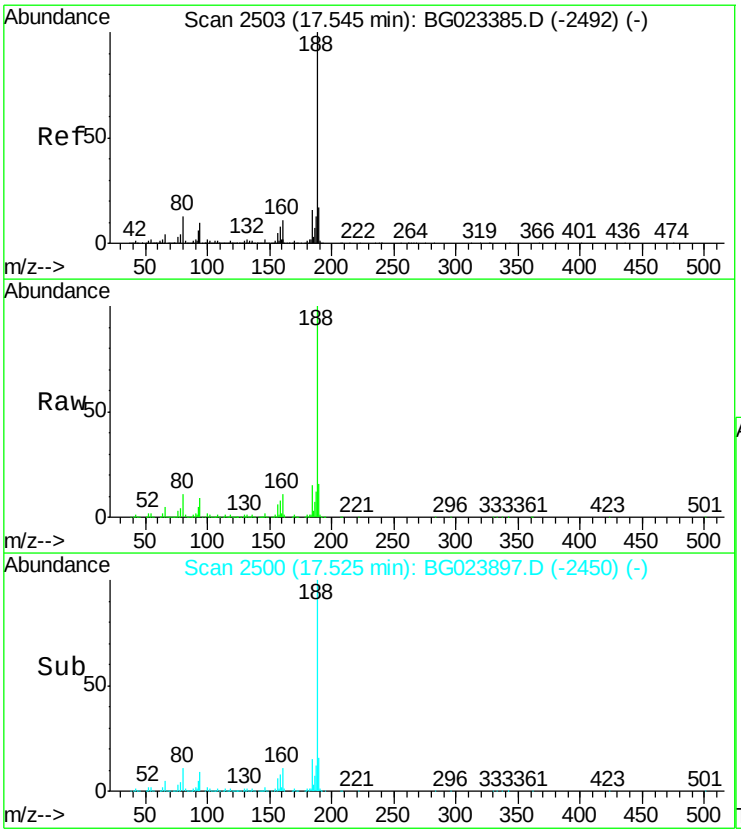
#44
2-Fluorobiphenyl
Concen: 76.85 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:172 Resp: 1484794

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	26.1	21.3	31.9

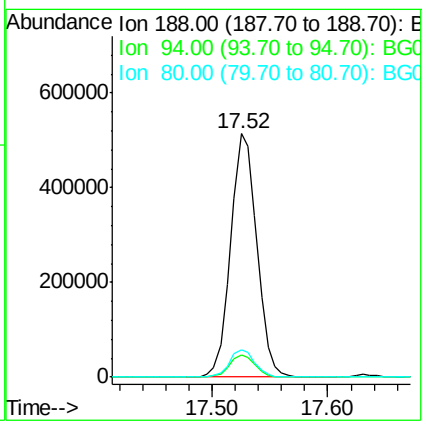


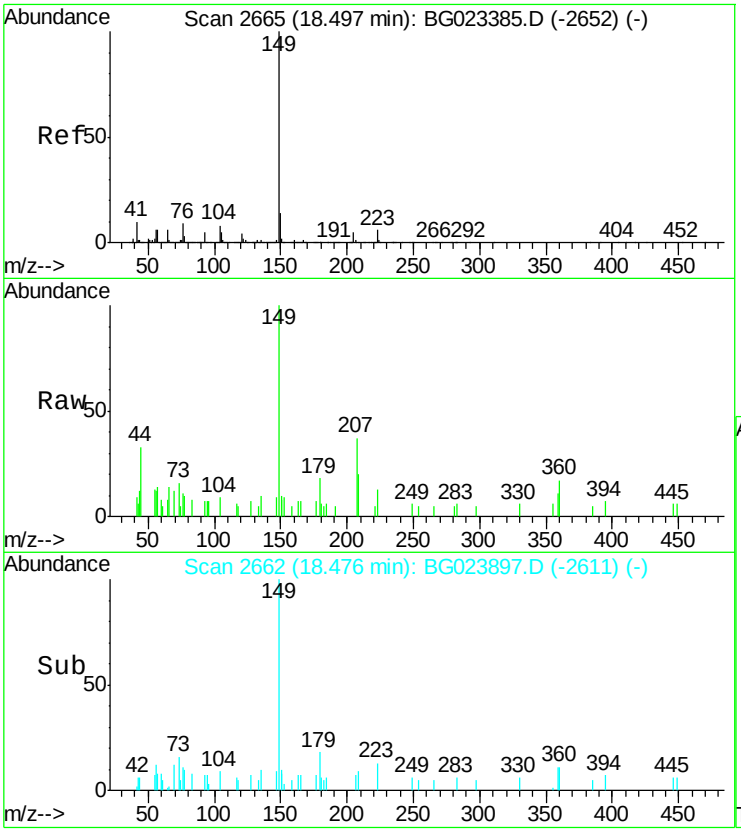


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:188 Resp: 806197

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.2	7.8#
80	11.0	7.2	10.8#



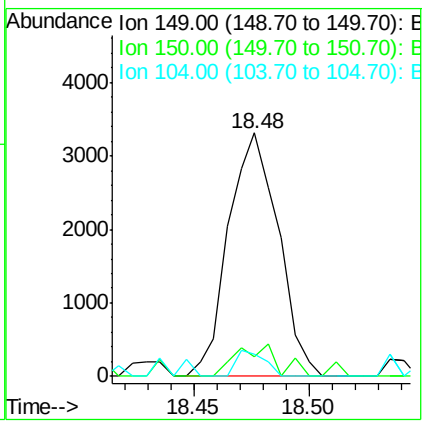


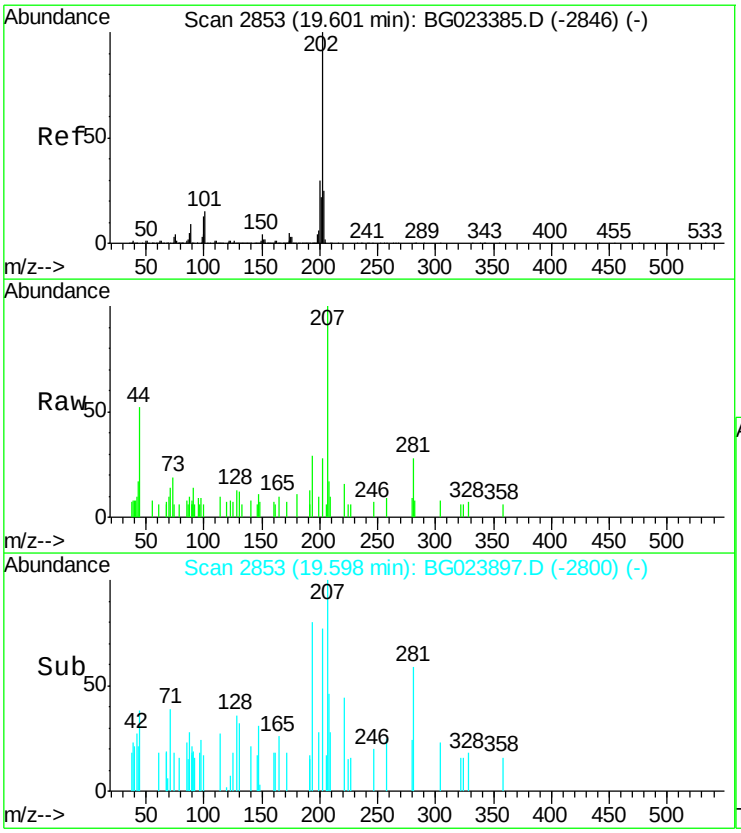
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:149 Resp: 4979

Ion	Ratio	Lower	Upper
149	100		
150	8.2	9.1	13.7#
104	9.4	6.9	10.3

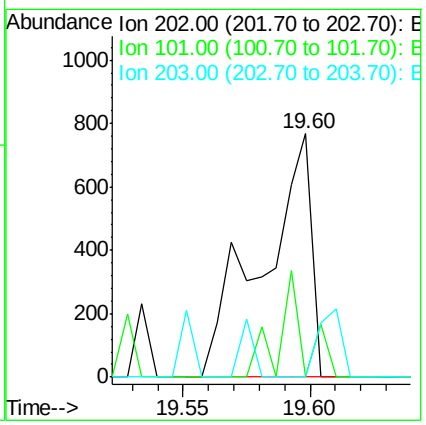


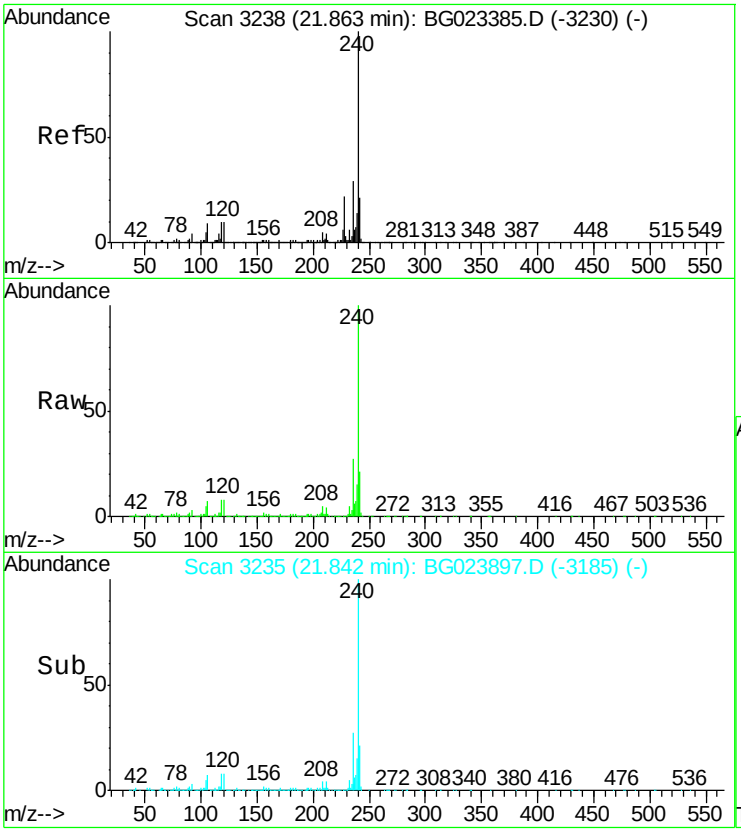


#74
Fluoranthene
Concen: Below Cal
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:202 Resp: 1034

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#



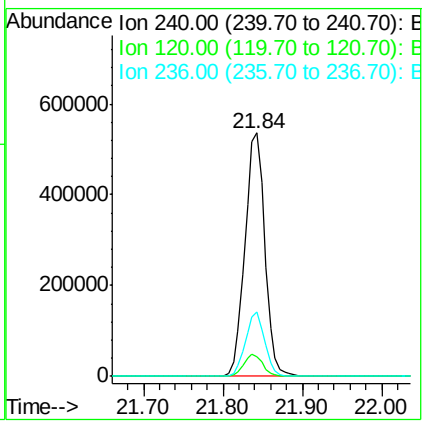


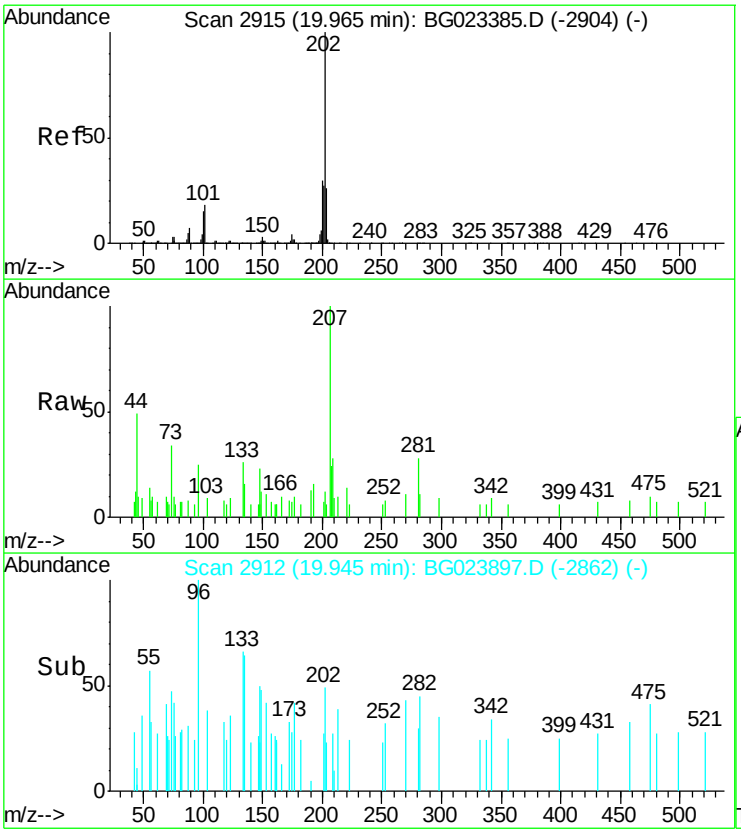
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:240 Resp: 933654

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.1	6.1#
236	26.5	21.1	31.7

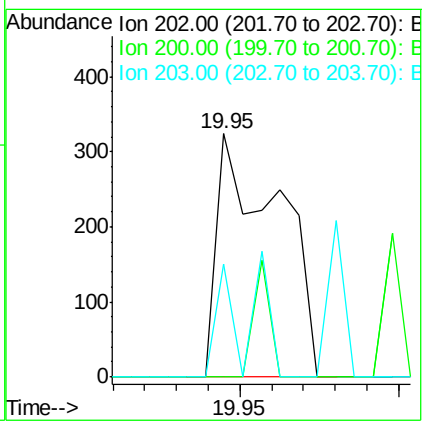


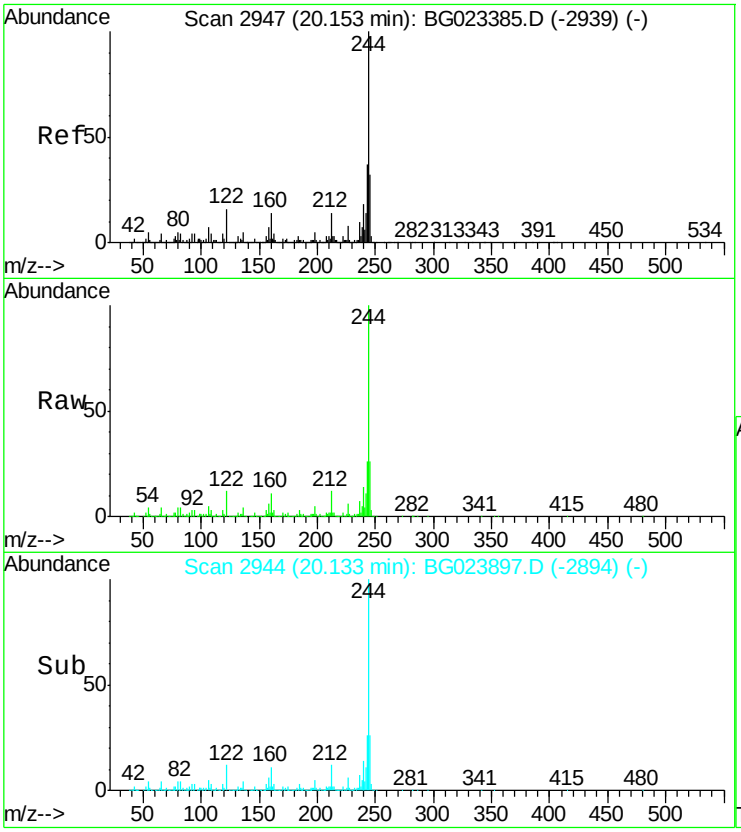


#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:202 Resp: 433

Ion	Ratio	Lower	Upper
202	100		
200	0.0	21.2	31.8#
203	46.3	16.8	25.2#



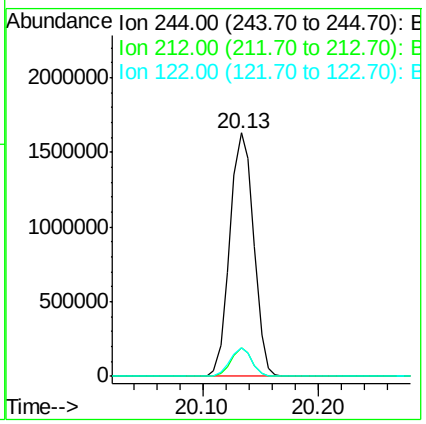


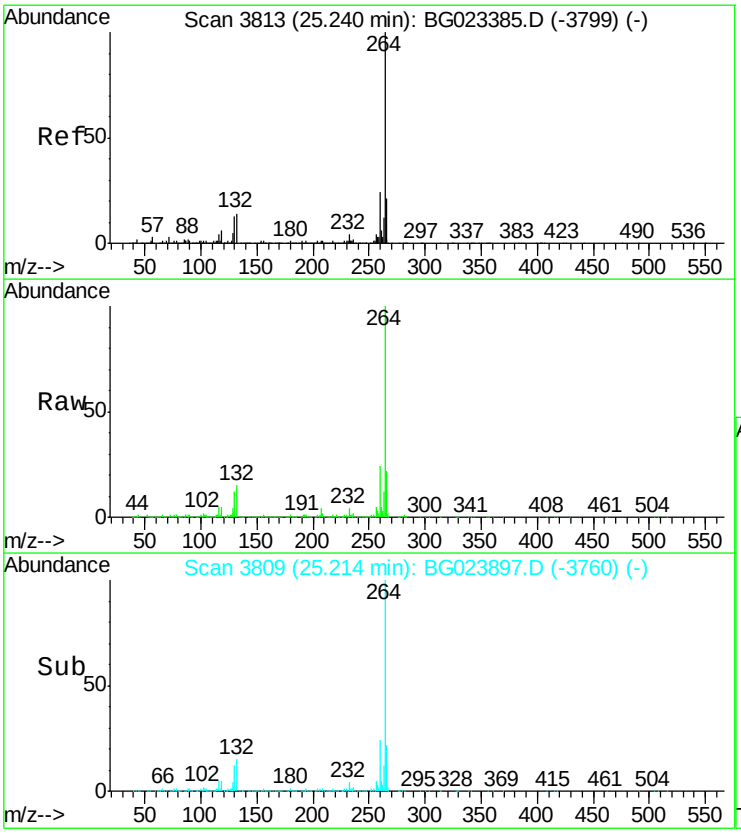
#78
Terphenyl-d14
Concen: 76.18 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

Tgt Ion:244 Resp: 2332196

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.8	16.2
122	11.6	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3809
Delta R.T. -0.01 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:264 Resp: 908550

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.0	18.9	28.3