Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022882.D
Acq On : 6 Jul 2016 18:45
Operator : UM/SJ
Sample : H3805-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9943

Quant Time: Jul 07 02:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127387	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	538746	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	407452	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	967716	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1114380	20.00	ng	0.00
86) Perylene-d12	25.21	264	1117114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	24820	3.13	ng	0.00
7) Phenol-d6	7.31	99	34031	3.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	105271	8.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	17660	2.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	61013	2.37	ng	0.00
78) Terphenyl-d14	20.14	244	106248	2.53	ng	-0.01
Target Compounds						Qvalue

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

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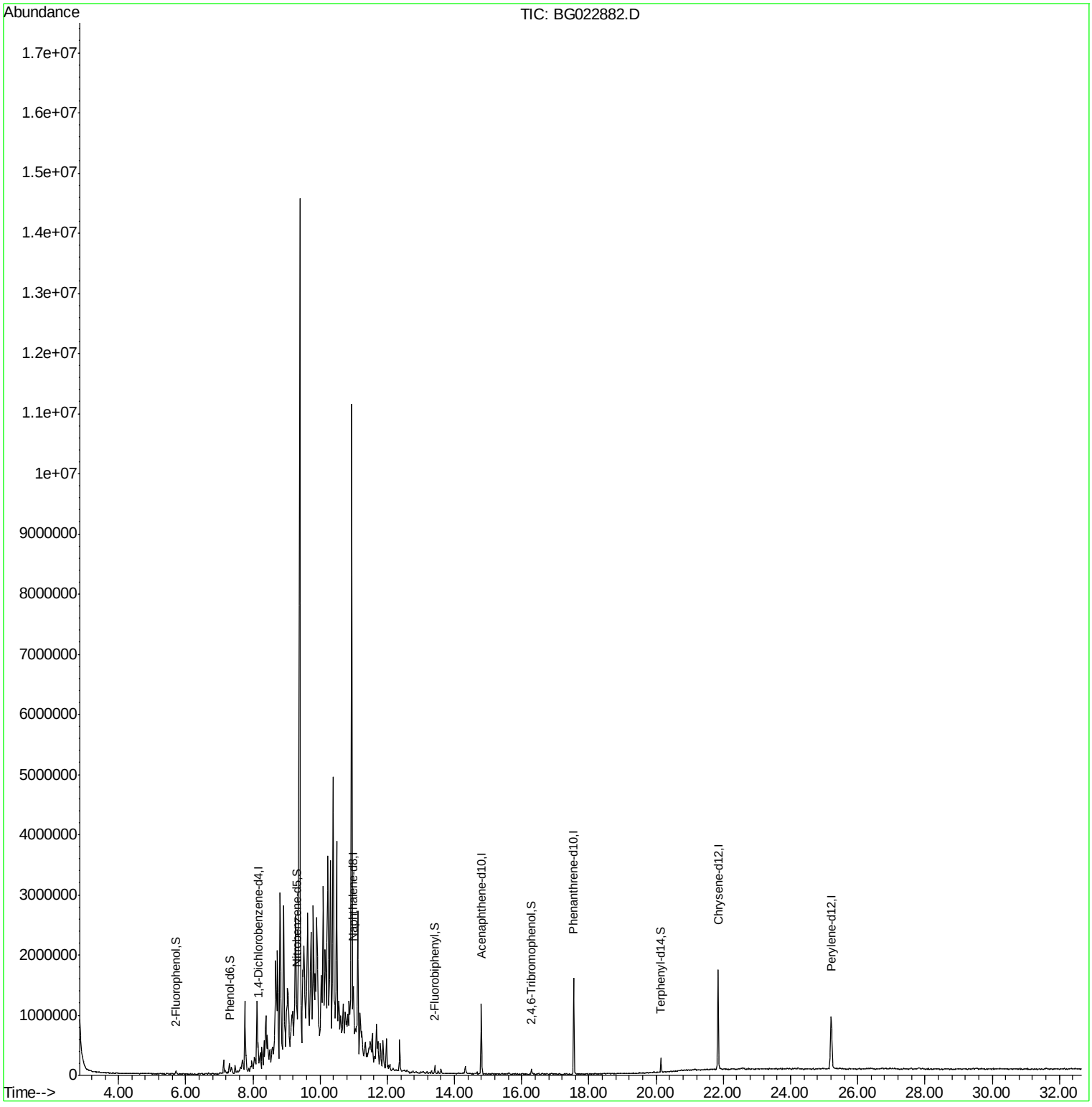
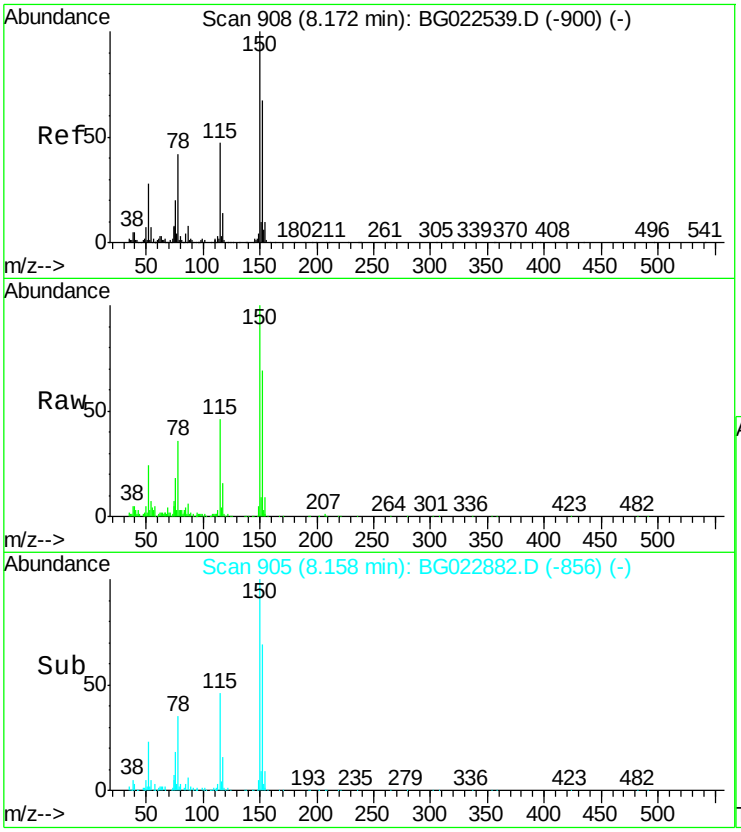


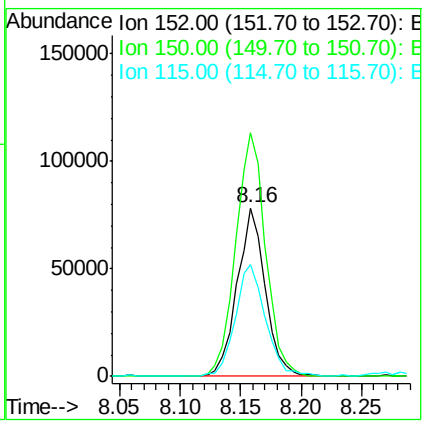


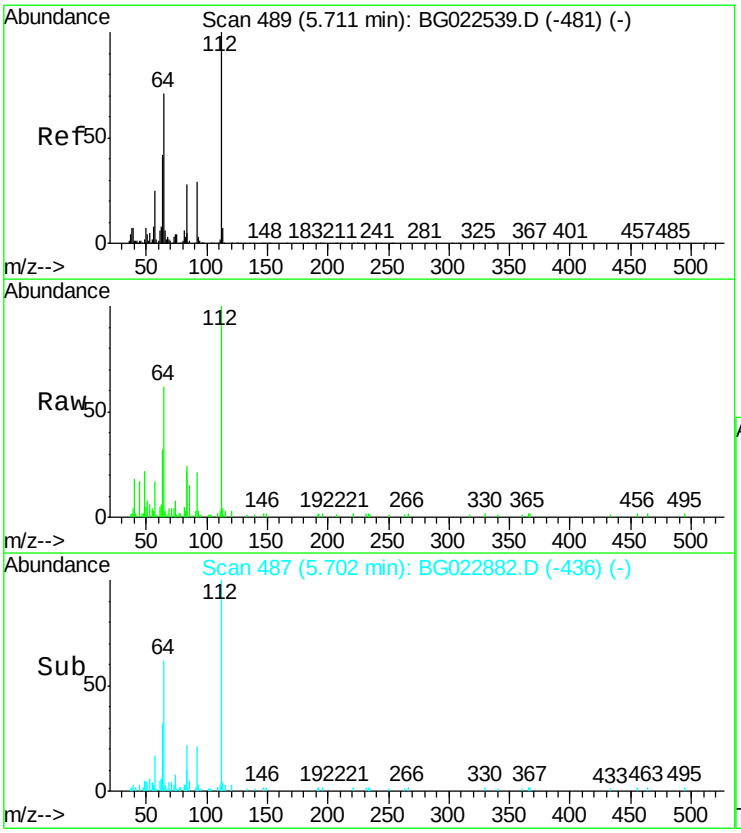
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion:152 Resp: 127387

Ion	Ratio	Lower	Upper
152	100		
150	144.3	144.7	217.1#
115	66.1	64.0	96.0

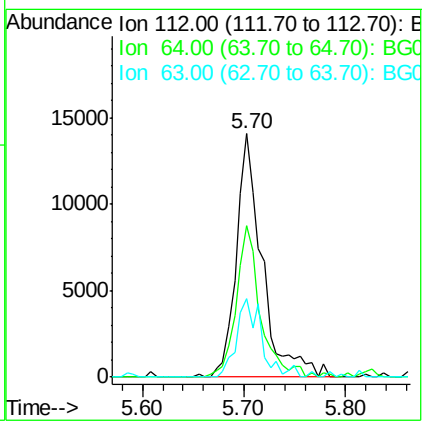


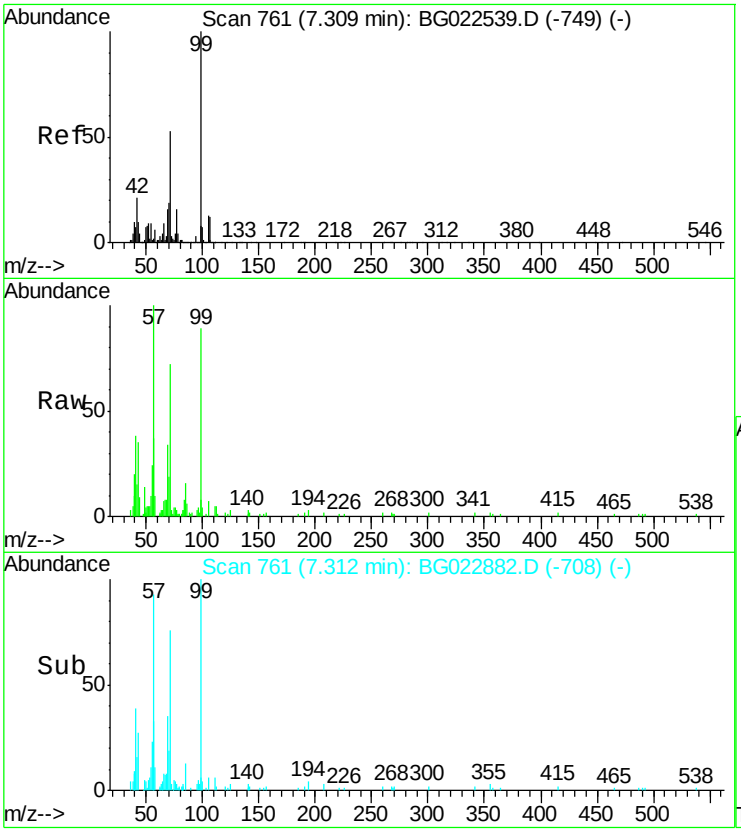


#5
2-Fluorophenol
Concen: 3.13 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:112 Resp: 24820

Ion	Ratio	Lower	Upper
112	100		
64	62.4	59.0	88.4
63	32.2	37.8	56.8#



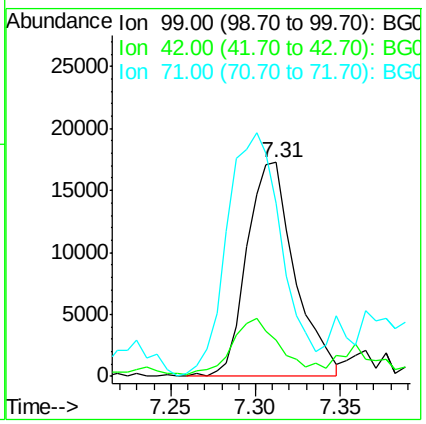


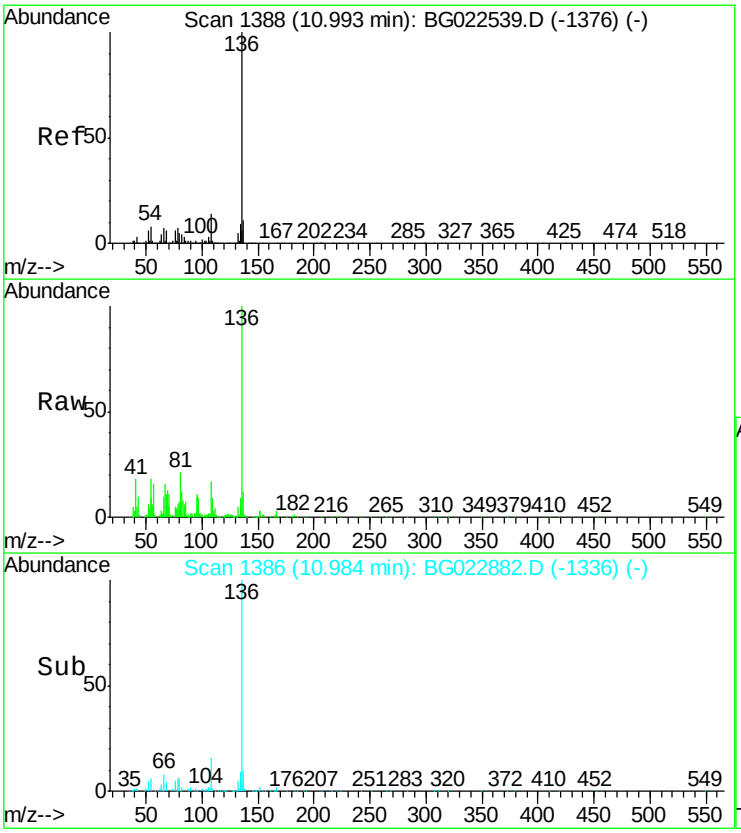
#7
Phenol-d6
Concen: 3.04 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion: 99 Resp: 34031

Ion	Ratio	Lower	Upper
99	100		
42	16.8	17.8	26.6#
71	81.3	41.5	62.3#

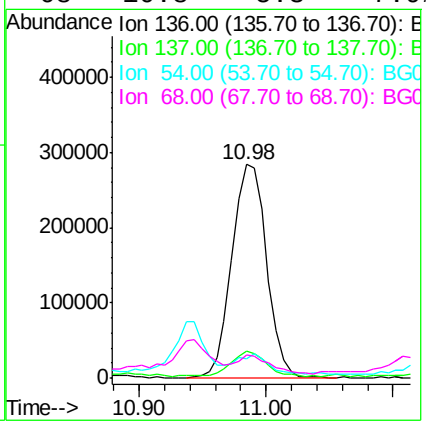


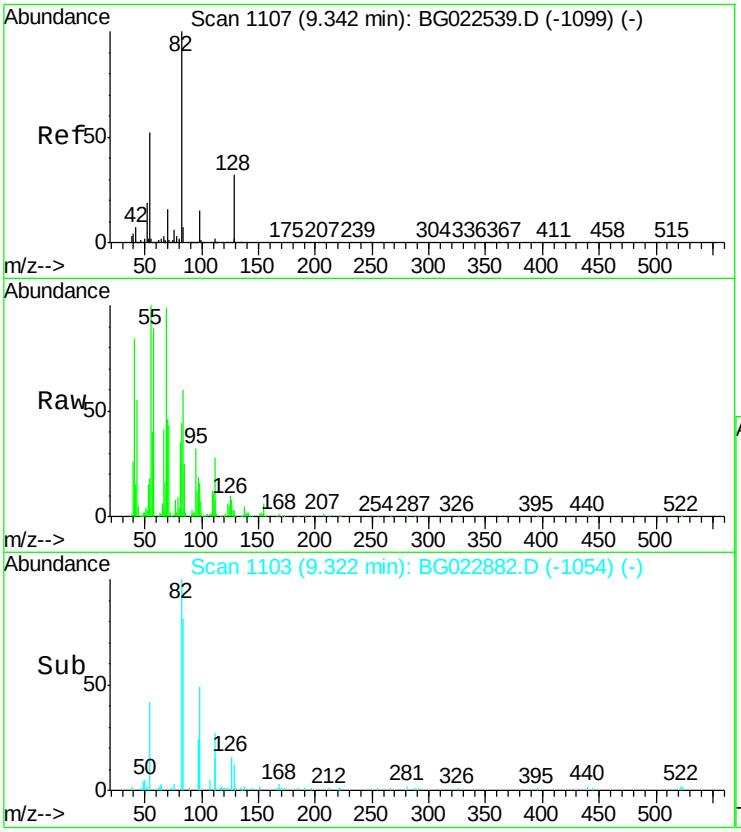


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:136 Resp: 538746

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	9.1	7.3	10.9
68	10.8	5.3	7.9#



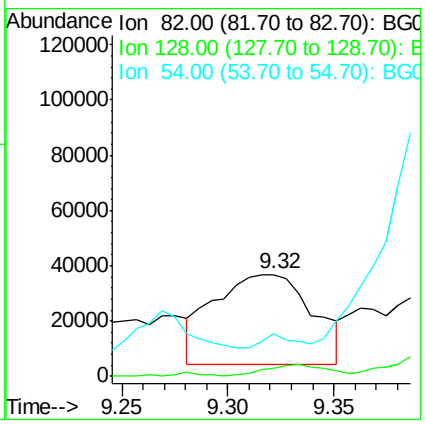


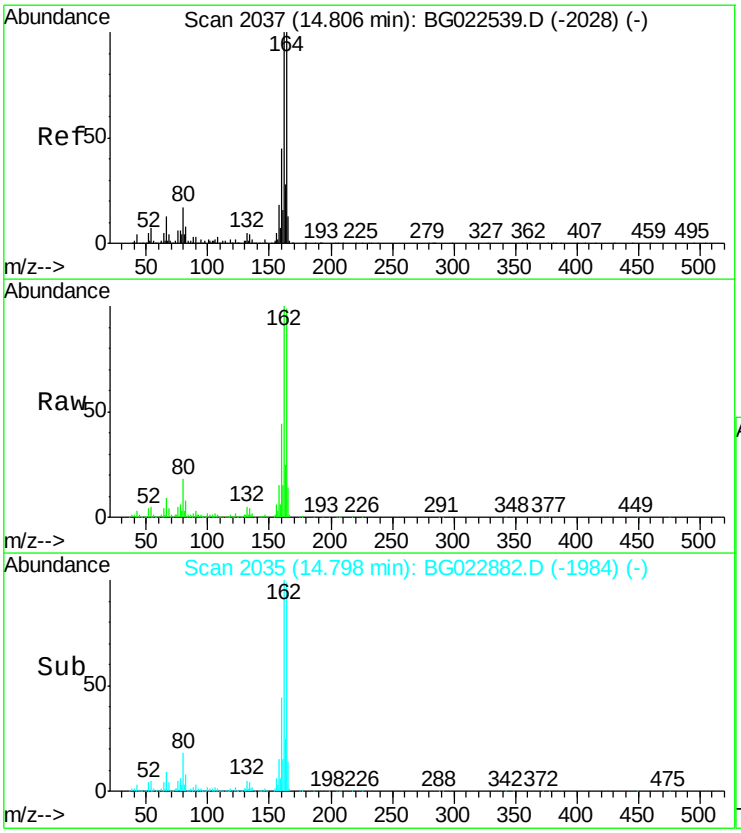
#23
Nitrobenzene-d5
Concen: 8.27 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion: 82 Resp: 105271

Ion	Ratio	Lower	Upper
82	100		
128	7.7	24.4	36.6#
54	41.7	41.4	62.0

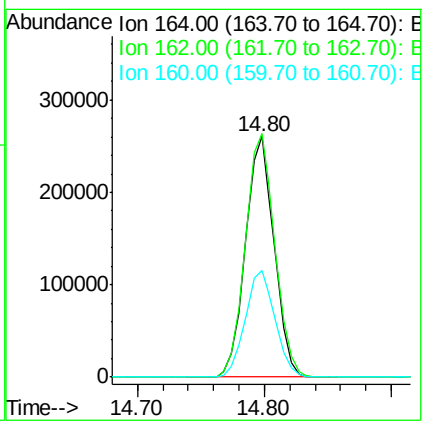


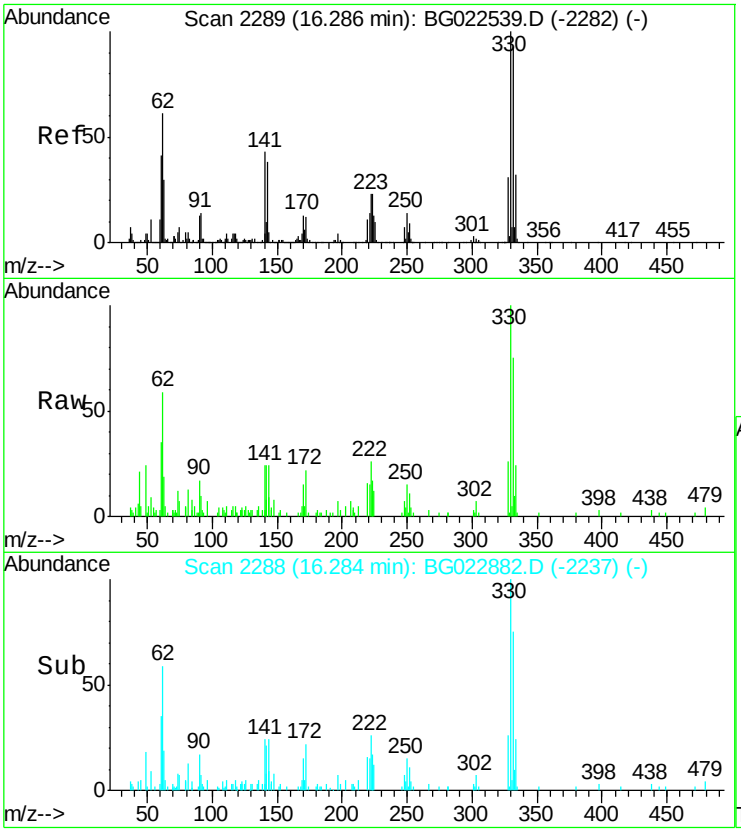


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:164 Resp: 407452

Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	44.4	37.2	55.8



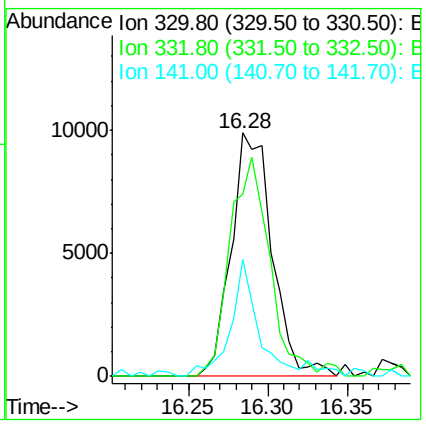


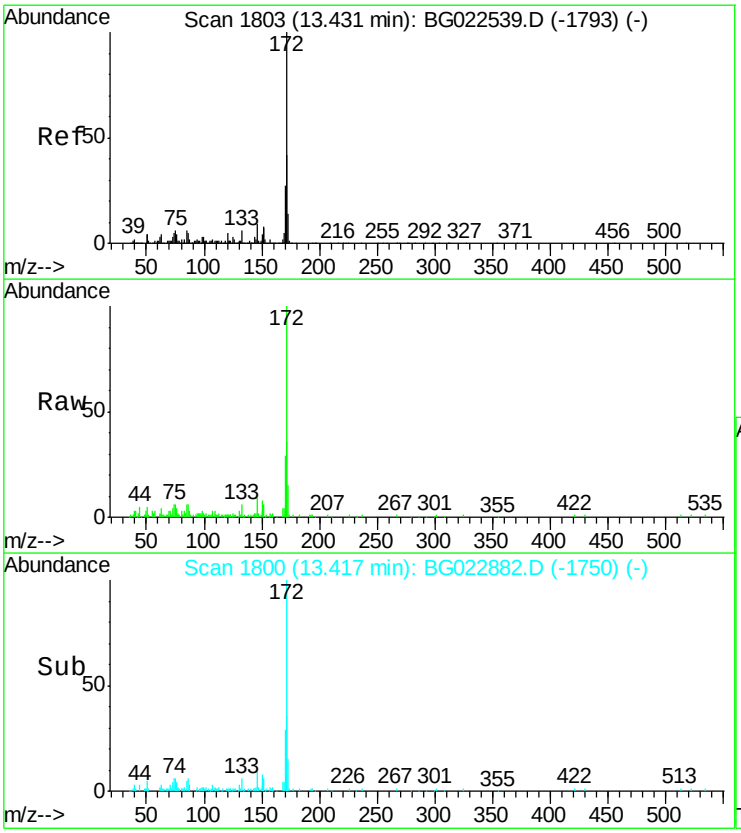
#41
2,4,6-Tribromophenol
Concen: 2.76 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion:330 Resp: 17660

Ion	Ratio	Lower	Upper
330	100		
332	86.8	77.4	116.2
141	32.1	31.7	47.5

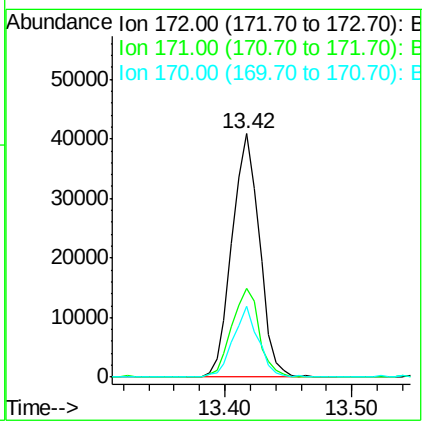


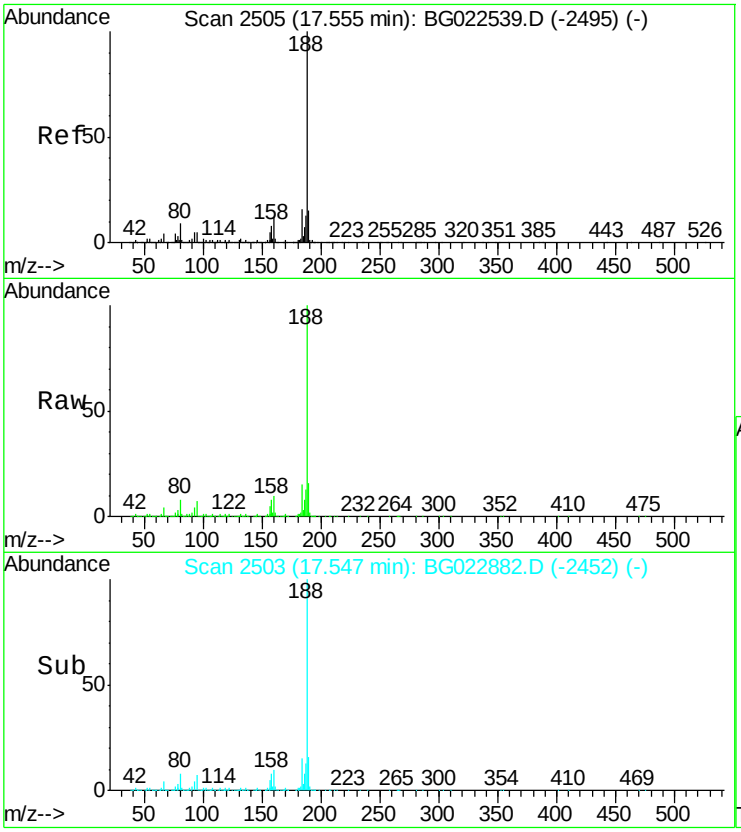


#44
2-Fluorobiphenyl
Concen: 2.37 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:172 Resp: 61013

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.6	47.4
170	28.8	21.3	31.9



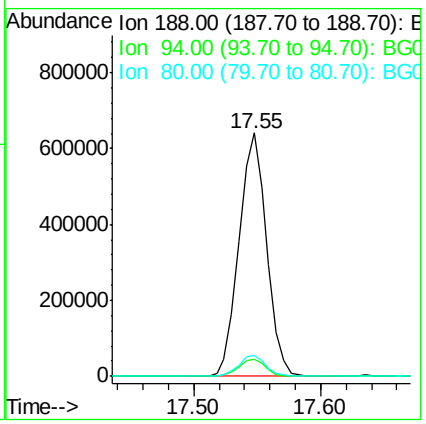


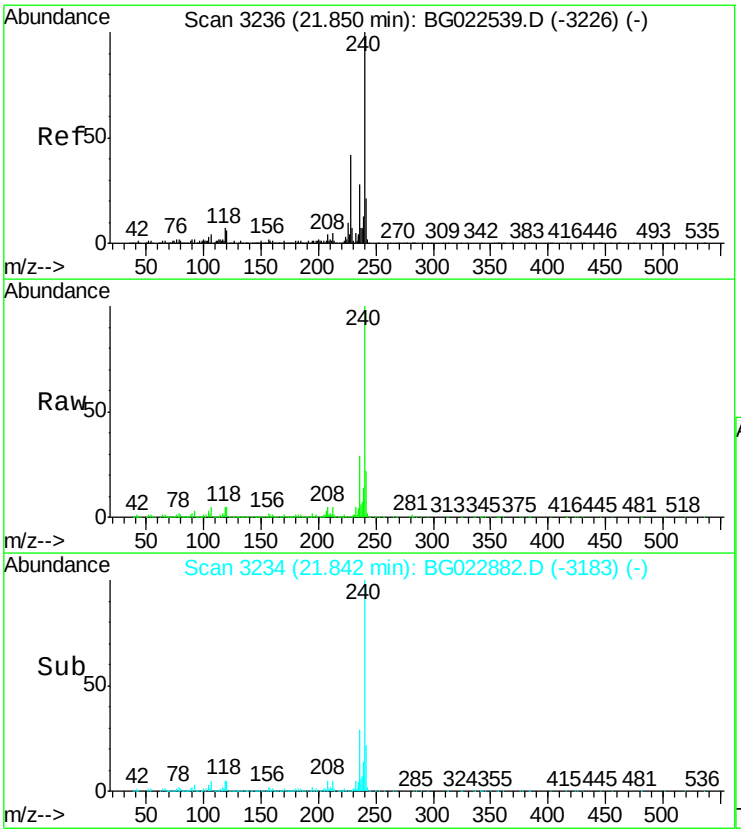
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion:188 Resp: 967716

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	8.5	7.2	10.8

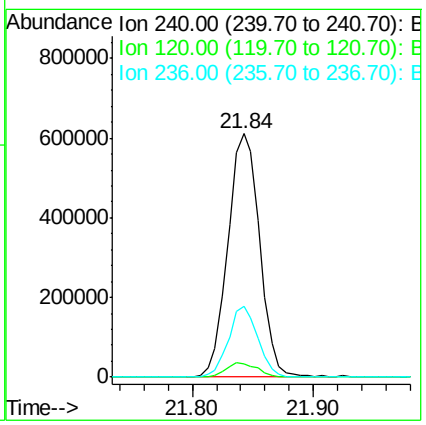


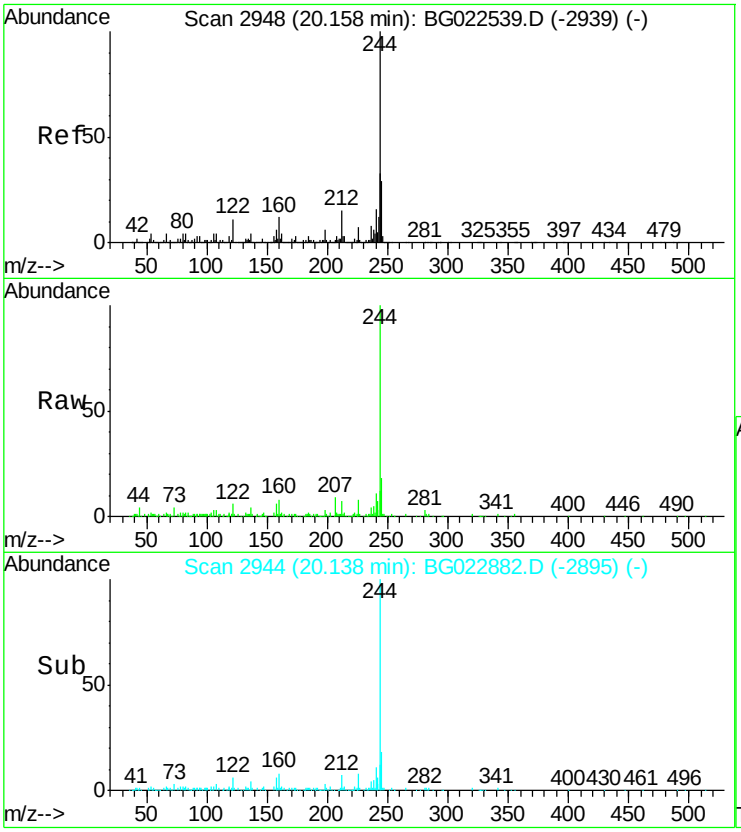


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:240 Resp: 1114380

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	29.2	21.1	31.7



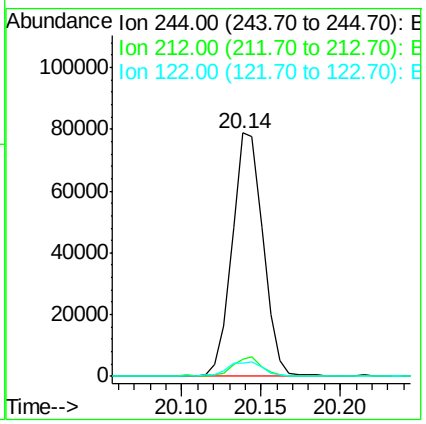


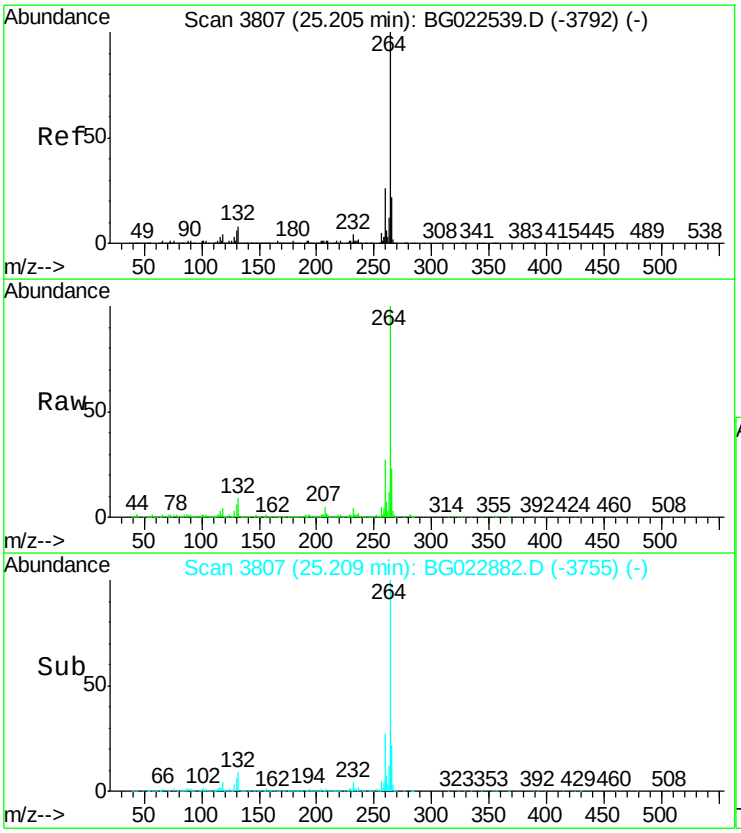
#78
Terphenyl-d14
Concen: 2.53 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
LAR9943

Tgt Ion:244 Resp: 106248

Ion	Ratio	Lower	Upper
244	100		
212	6.9	10.8	16.2#
122	5.6	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022882.D
Acq: 6 Jul 2016 18:45

Tgt Ion:264 Resp: 1117114

Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.4	27.6
265	22.5	18.9	28.3