Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
Data File : BG023421.D
Acq On : 3 Aug 2016 11:37
Operator : UM/SJ
Sample : H4287-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-58-14.0-15.0

Quant Time: Aug 04 02:29:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	101820	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	460090	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	320600	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	897193	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1036609	20.00	ng	0.00
86) Perylene-d12	25.24	264	941708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	217142	35.90	ng	0.00
7) Phenol-d6	7.27	99	286429	30.40	ng	0.00
23) Nitrobenzene-d5	9.29	82	192666	20.82	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	198944	42.42	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	498975	26.25	ng	0.00
78) Terphenyl-d14	20.15	244	1912833	49.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.25	77	59	Below Cal	#	8
32) Benzoic acid	10.23	122	141	6.46	ng	# 1
49) Dimethylphthalate	14.23	163	124345	5.06	ng	97
73) Di-n-butylphthalate	18.50	149	3548	Below Cal	#	82
74) Fluoranthene	19.61	202	190	Below Cal	#	26
77) Pyrene	20.15	202	8650	Below Cal	#	63

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

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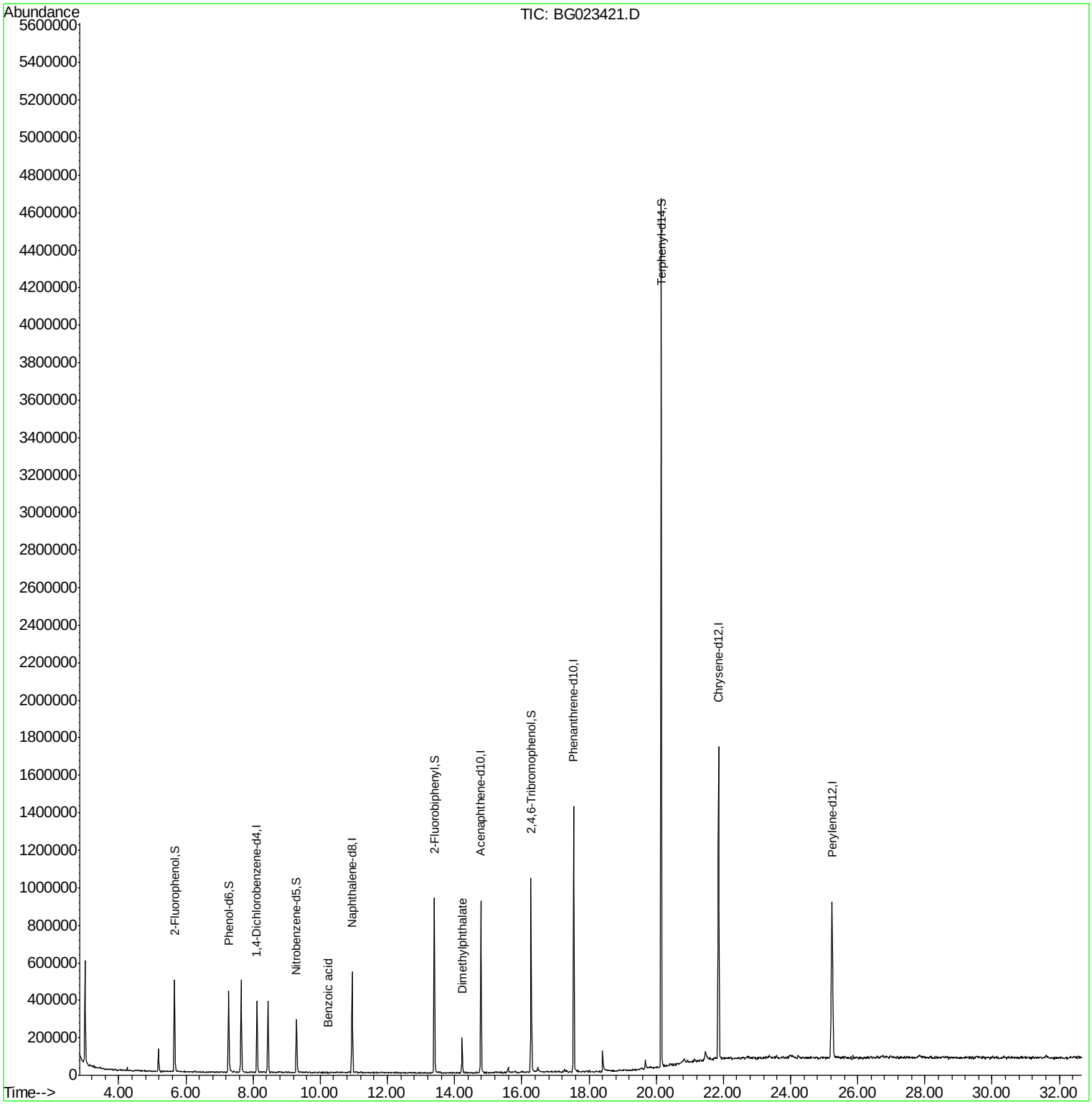
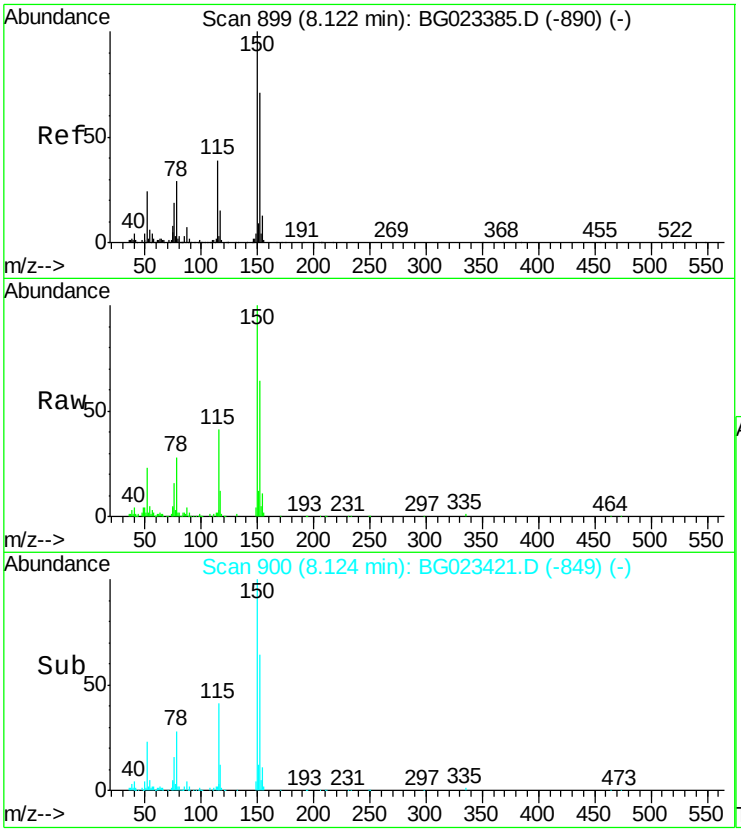


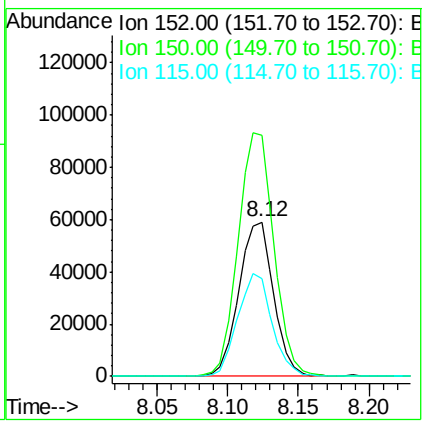


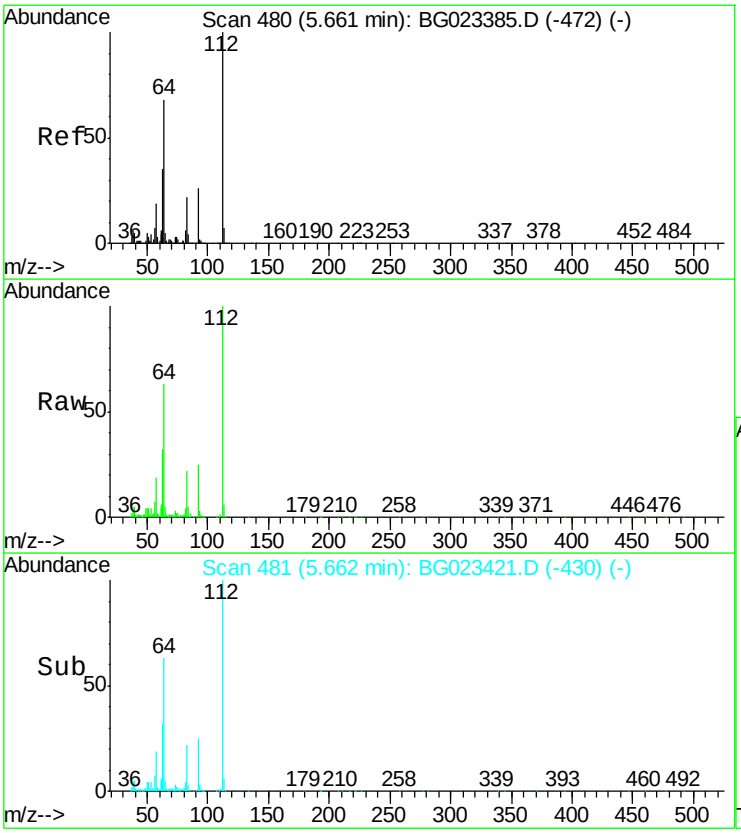
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0

Tgt Ion:152 Resp: 101820

Ion	Ratio	Lower	Upper
152	100		
150	156.4	144.7	217.1
115	63.8	64.0	96.0#

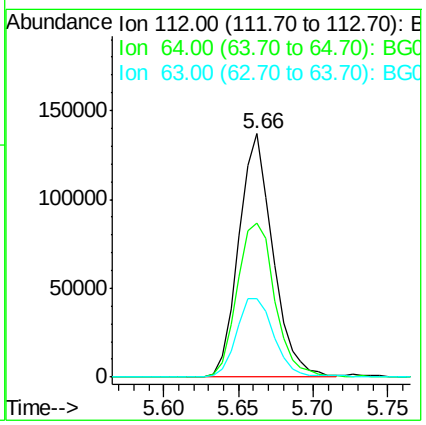


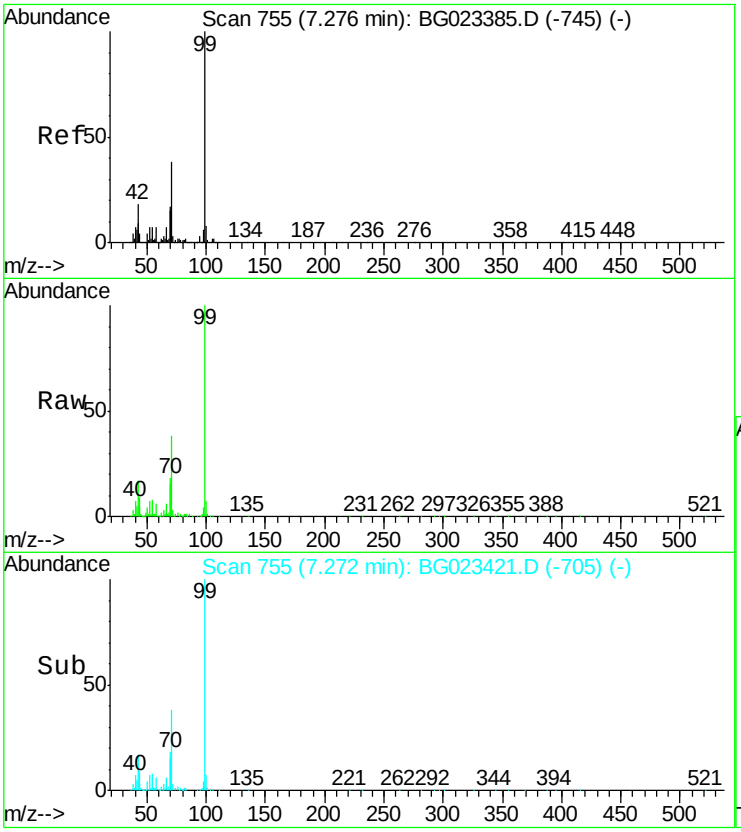


#5
2-Fluorophenol
Concen: 35.90 ng
RT: 5.66 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Tgt Ion:112 Resp: 217142

Ion	Ratio	Lower	Upper
112	100		
64	63.1	59.0	88.4
63	32.5	37.8	56.8#



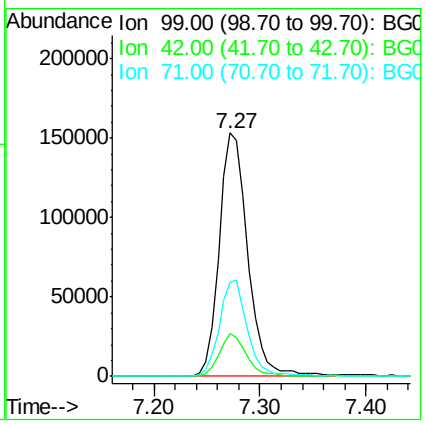


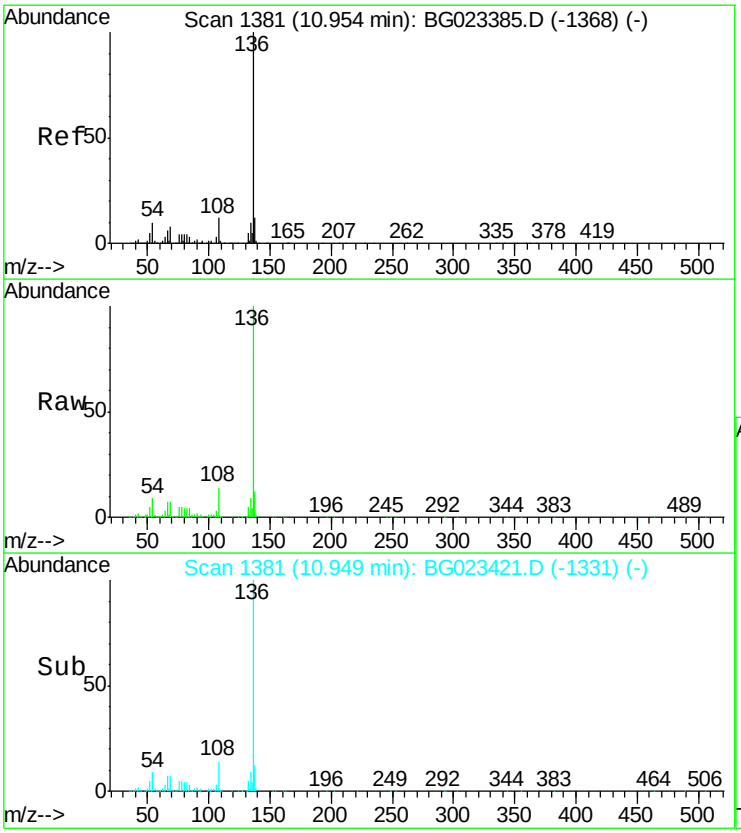
#7
Phenol-d6
Concen: 30.40 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0

Tgt Ion: 99 Resp: 286429

Ion	Ratio	Lower	Upper
99	100		
42	17.5	17.8	26.6#
71	38.5	41.5	62.3#

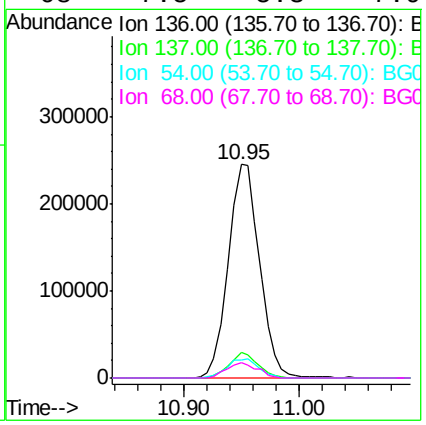


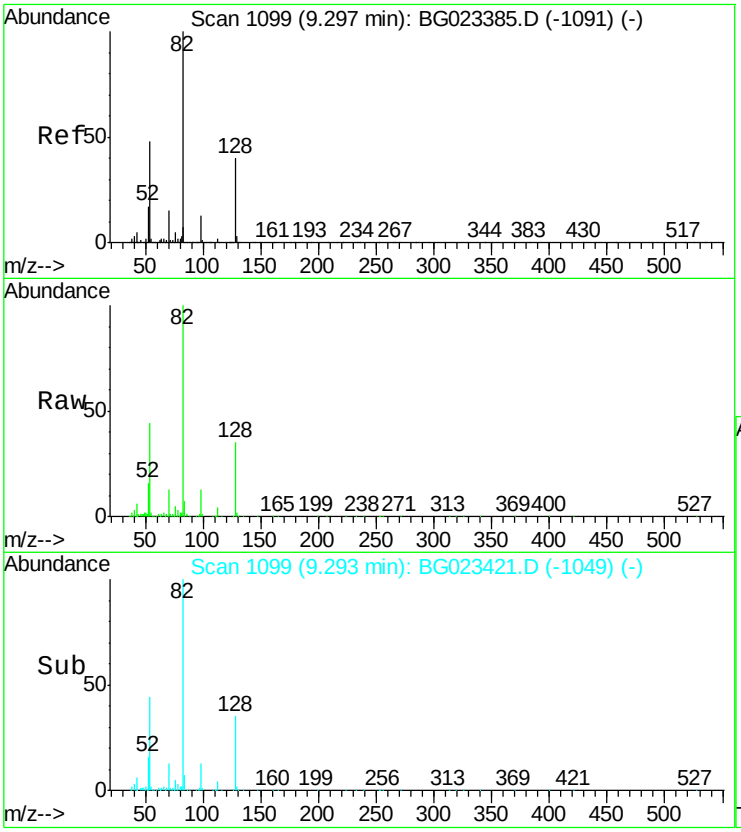


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Tgt Ion:136 Resp: 460090

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.7	7.3	10.9
68	7.5	5.3	7.9



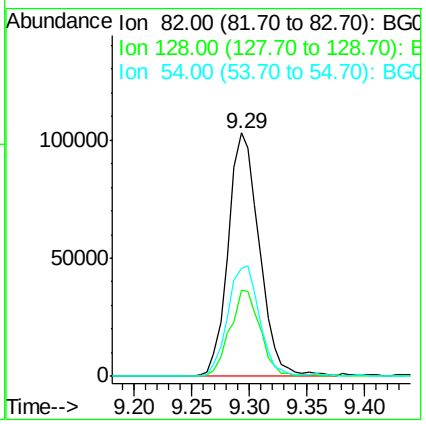


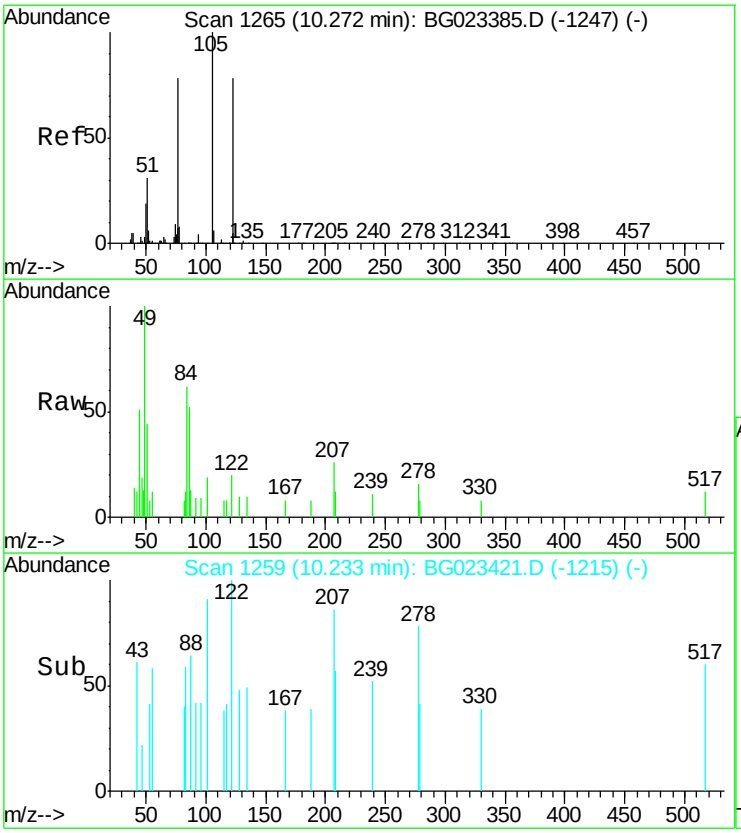
#23
Nitrobenzene-d5
Concen: 20.82 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0

Tgt Ion: 82 Resp: 192666

Ion	Ratio	Lower	Upper
82	100		
128	35.3	24.4	36.6
54	44.2	41.4	62.0

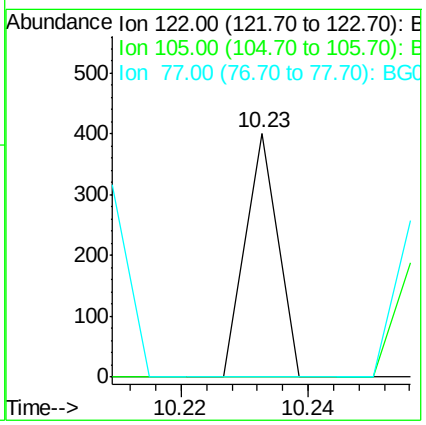


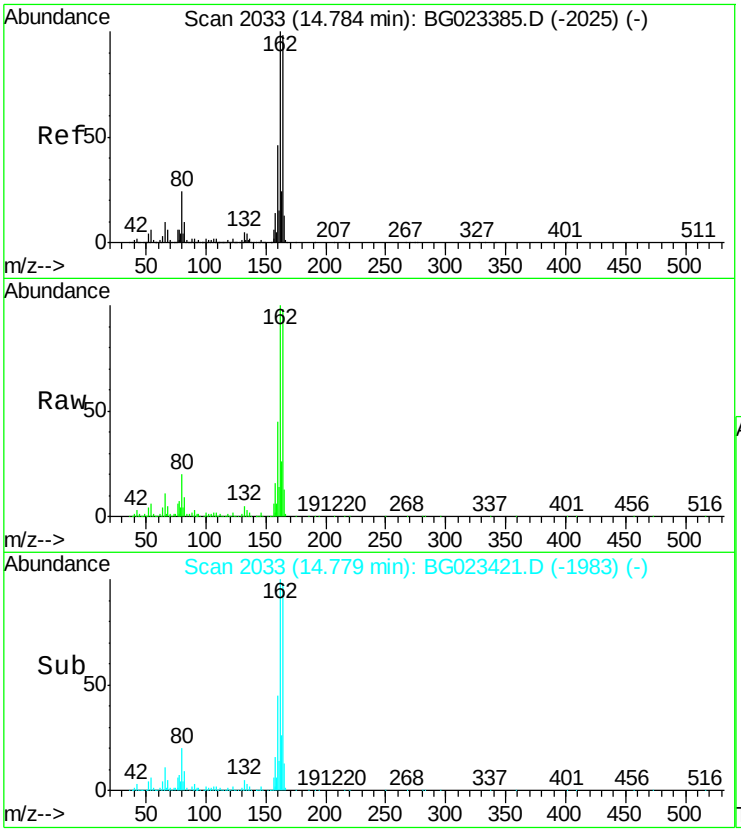


#32
Benzoic acid
Concen: 6.46 ng
RT: 10.23 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Tgt Ion:122 Resp: 141

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



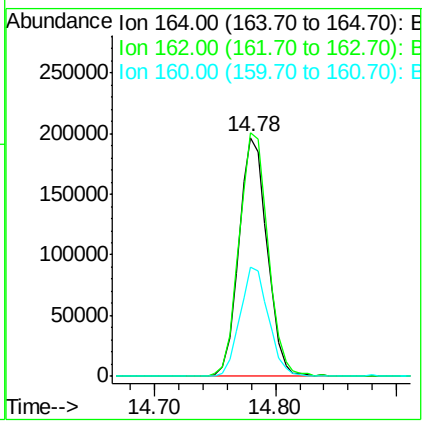


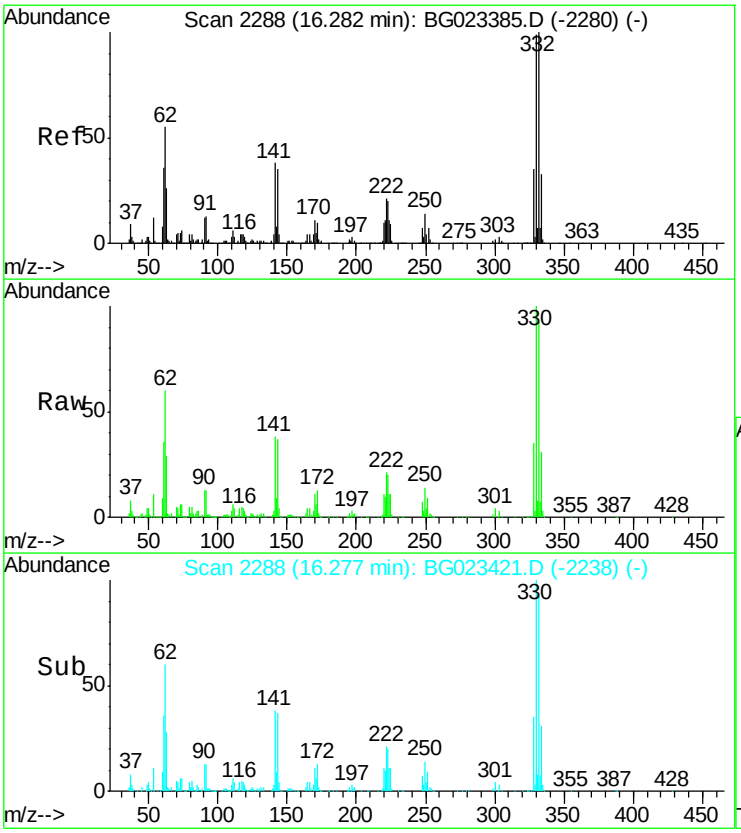
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0

Tgt Ion:164 Resp: 320600

Ion	Ratio	Lower	Upper
164	100		
162	101.9	87.7	131.5
160	45.8	37.2	55.8

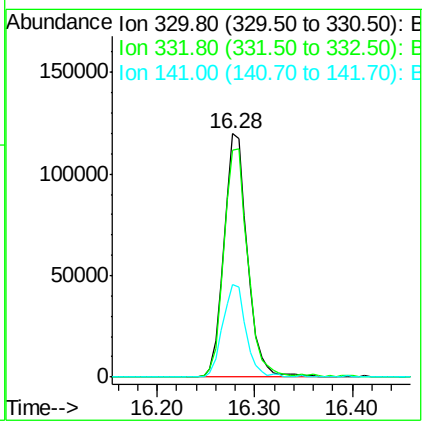


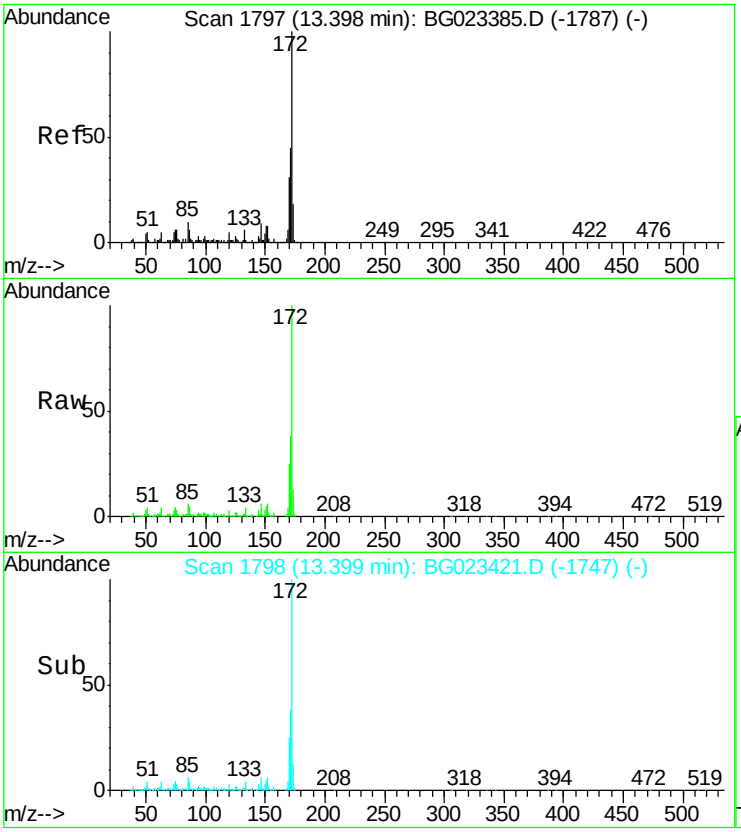


#41
2,4,6-Tribromophenol
Concen: 42.42 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Tgt Ion:330 Resp: 198944

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	38.0	31.7	47.5



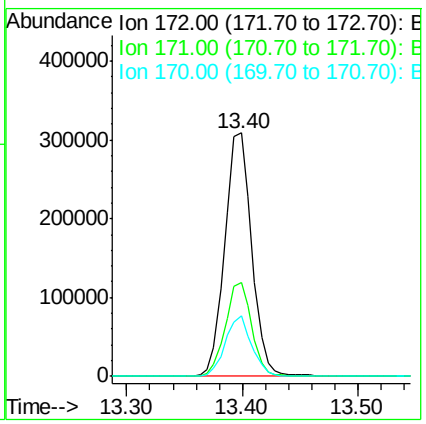


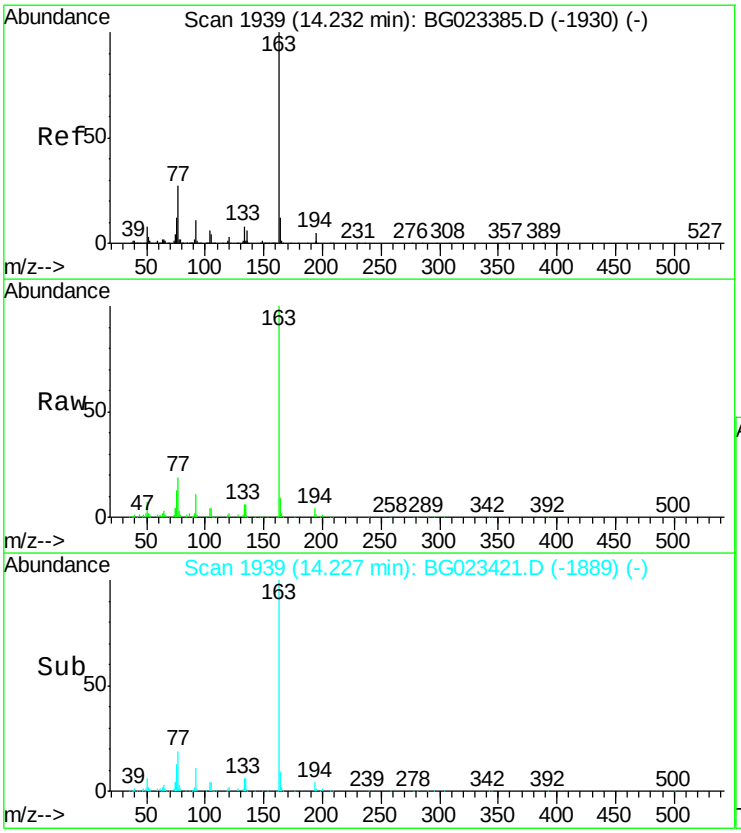
#44
2-Fluorobiphenyl
Concen: 26.25 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0

Tgt Ion:172 Resp: 498975

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.6	47.4
170	25.1	21.3	31.9





#49
Dimethylphthalate
Concen: 5.06 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG023421.D
Acq: 3 Aug 2016 11:37

Tgt Ion:163 Resp: 124345

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	8.6	8.1	12.1