Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032281.D
Acq On : 25 Jan 2018 4:32
Operator : SJ/JU
Sample : J1015-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-012218-D

Quant Time: Jan 25 07:48:18 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	44170	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	165793	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	109087	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	303894	20.00	ng	0.00
75) Chrysene-d12	22.42	240	405158	20.00	ng	0.00
86) Perylene-d12	26.10	264	365471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	299488	124.01	ng	0.00
7) Phenol-d6	7.84	99	340652	112.00	ng	0.00
23) Nitrobenzene-d5	9.92	82	255718	104.35	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	270314	149.75	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	857841	97.51	ng	0.00
78) Terphenyl-d14	20.63	244	1792751	97.70	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.80	122	6910	8.593	ng	93

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

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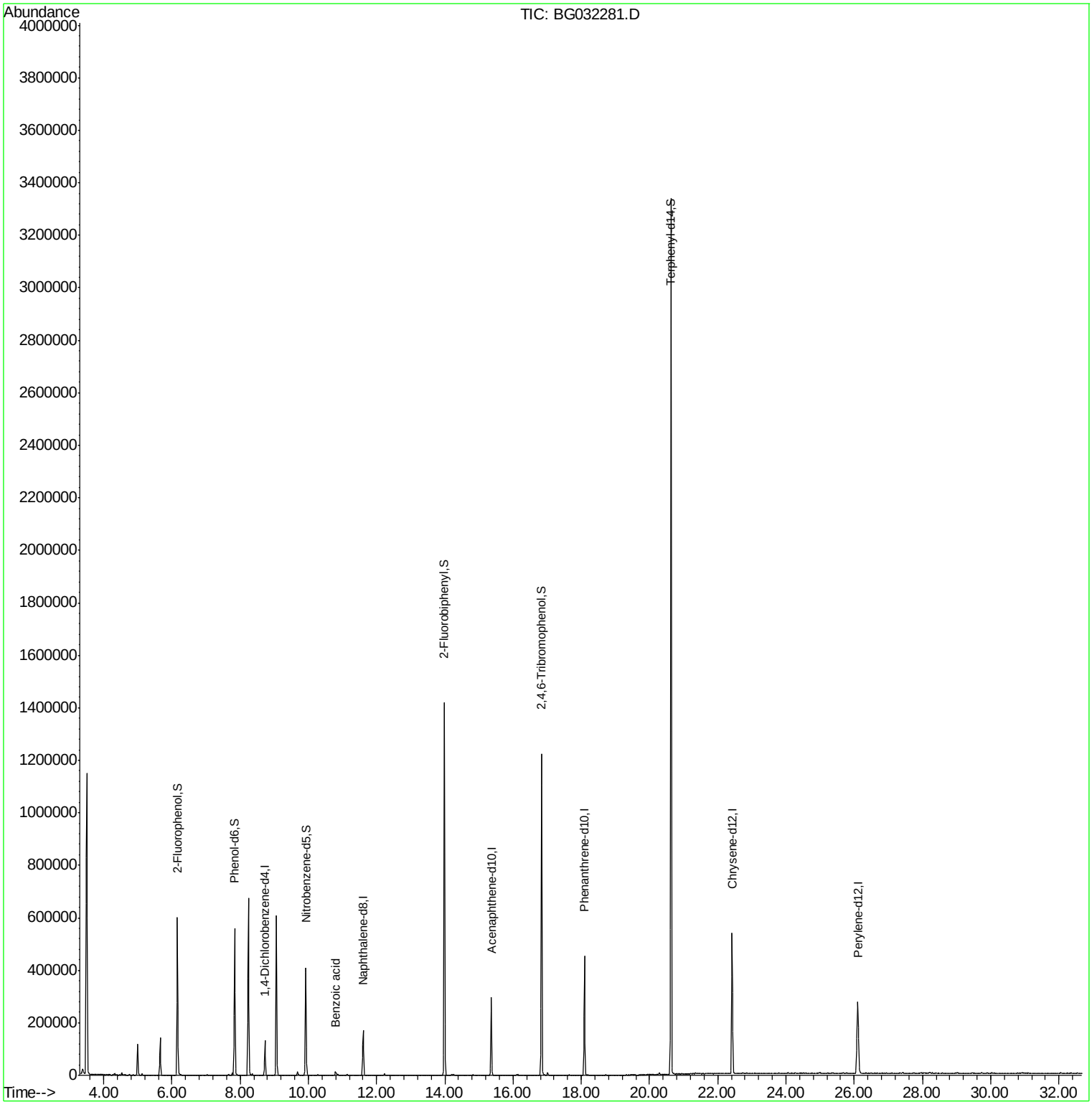
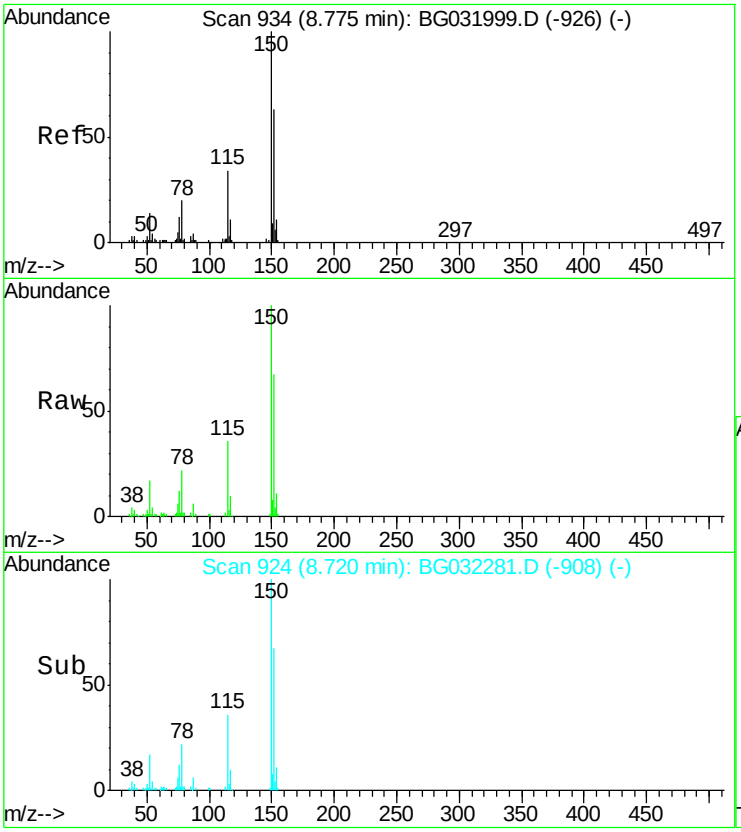


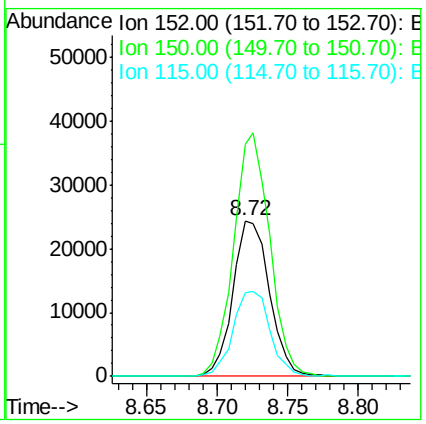


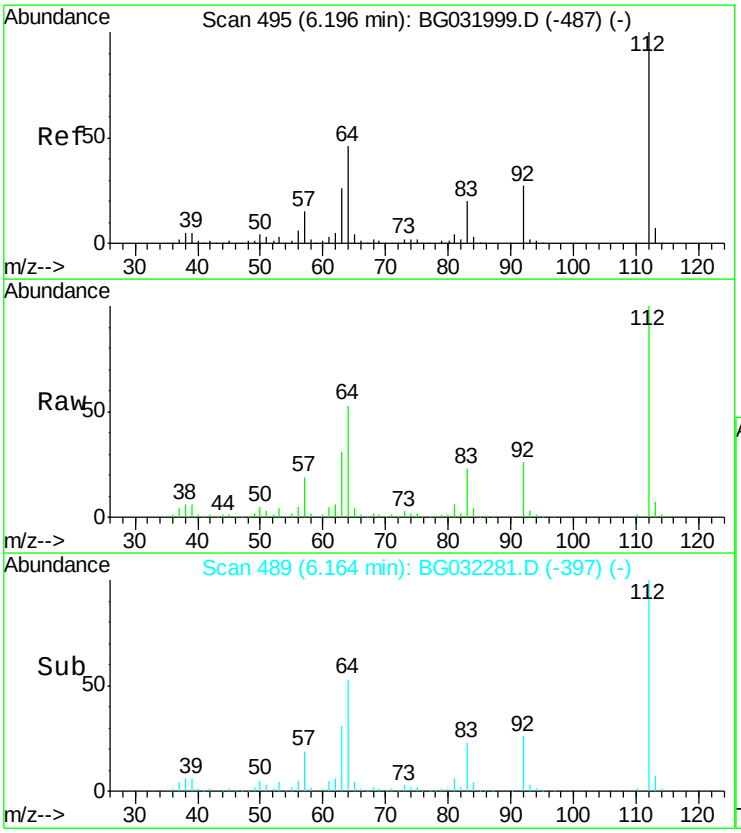
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion:152 Resp: 44170

Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.6	189.8
115	54.1	53.0	79.4

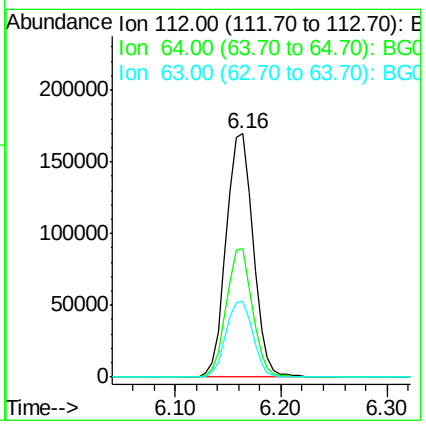


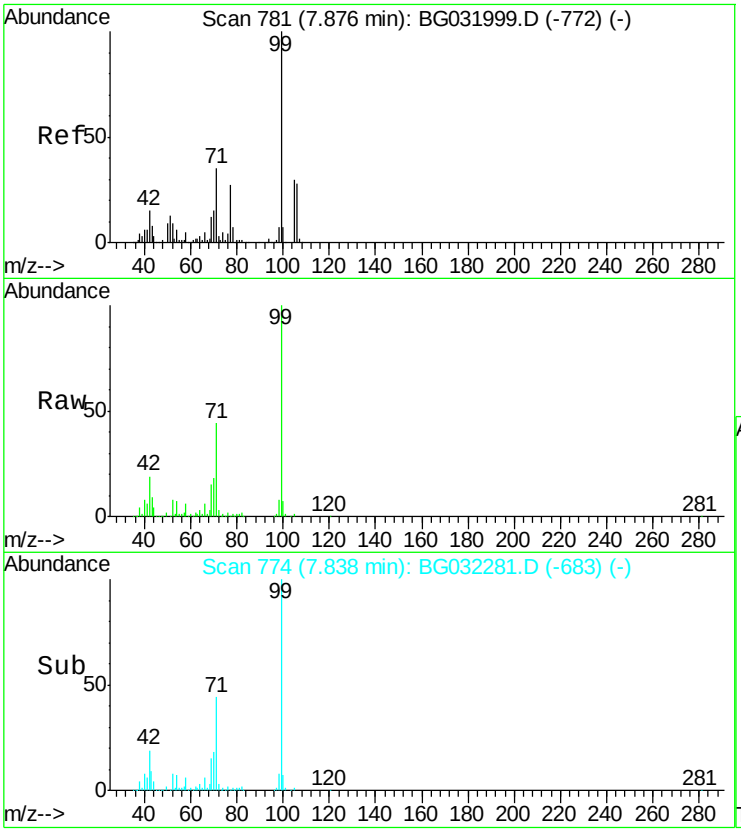


#5
2-Fluorophenol
Concen: 124.008 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:112 Resp: 299488

Ion	Ratio	Lower	Upper
112	100		
64	52.8	56.3	84.5#
63	31.1	30.1	45.1



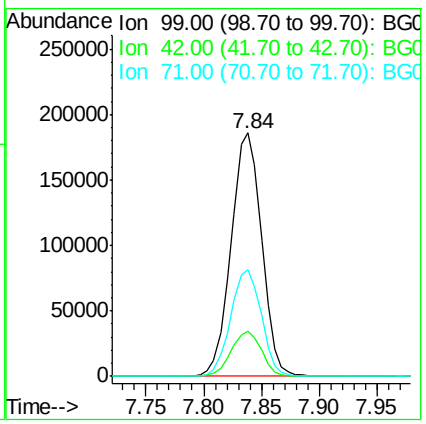


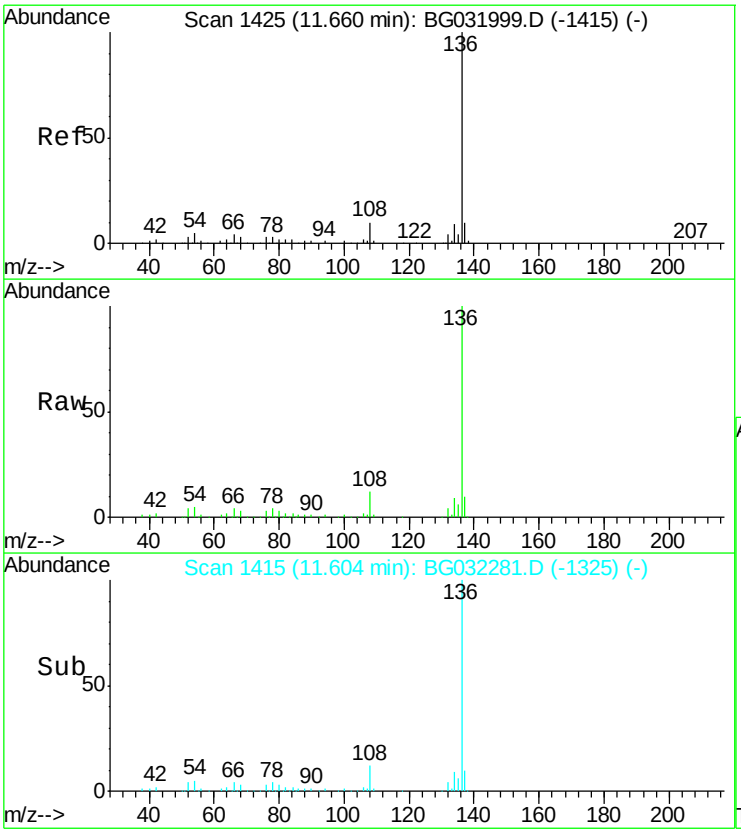
#7
Phenol-d6
Concen: 111.997 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion: 99 Resp: 340652

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.1	21.1
71	44.0	26.1	39.1#

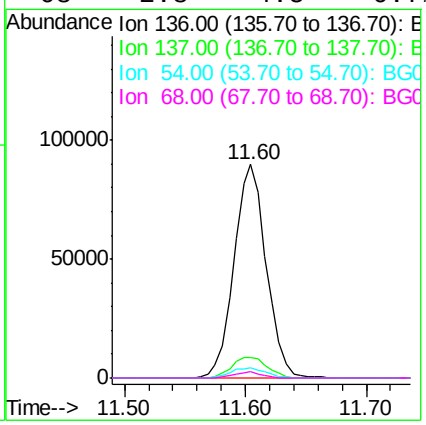


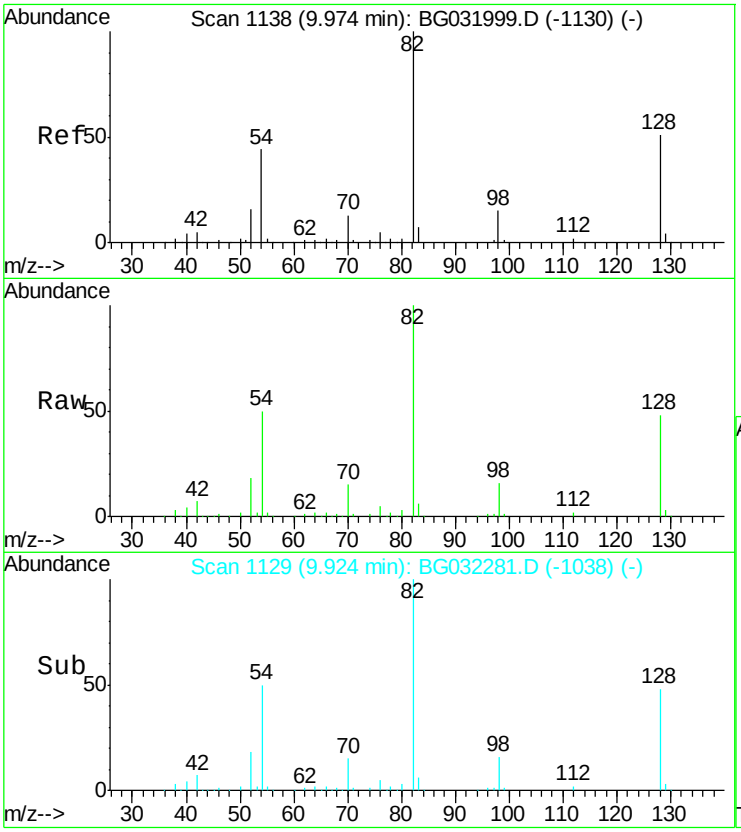


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:136 Resp: 165793

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	4.8	10.3	15.5#
68	2.8	4.5	6.7#



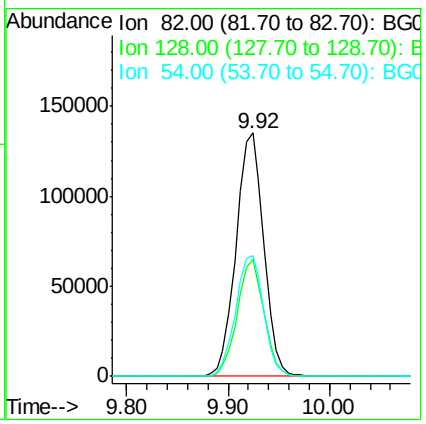


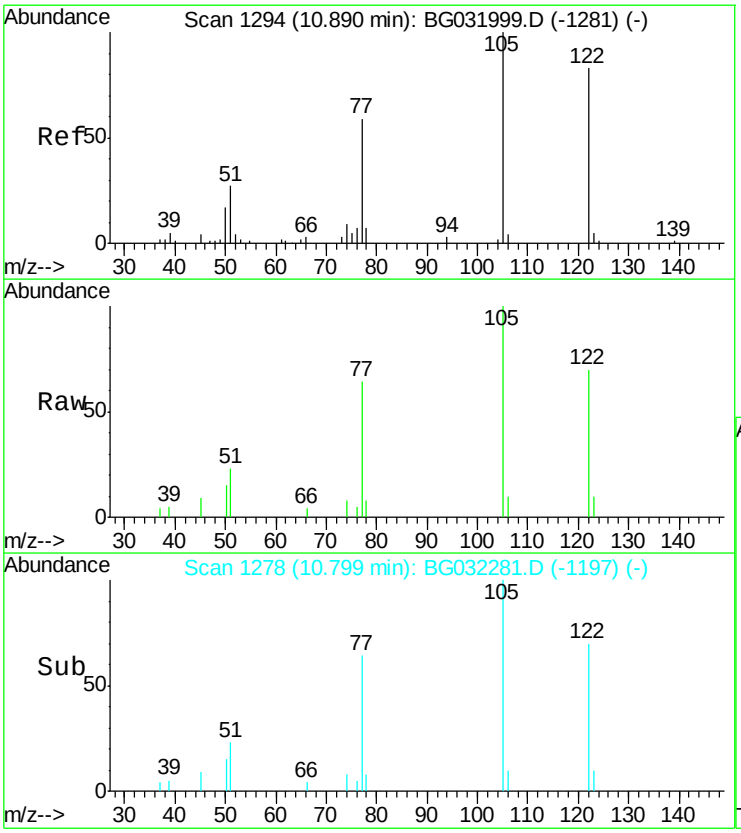
#23
Nitrobenzene-d5
Concen: 104.349 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion: 82 Resp: 255718

Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	49.8	43.1	64.7

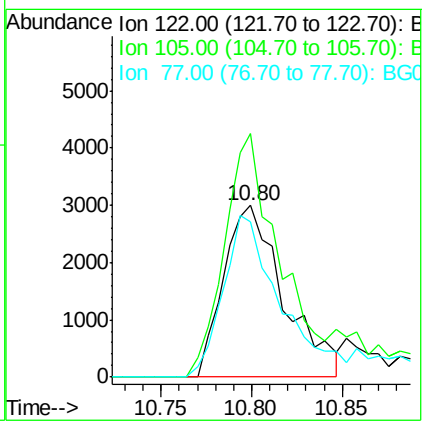


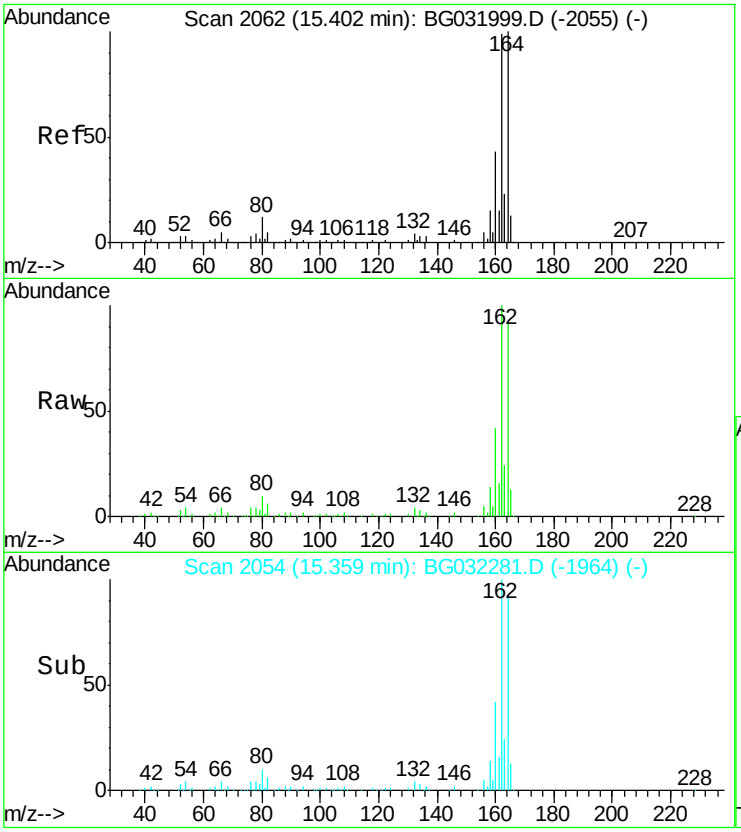


#32
Benzoic acid
Concen: 8.593 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:122 Resp: 6910

Ion	Ratio	Lower	Upper
122	100		
105	142.1	123.5	163.5
77	90.5	85.7	125.7



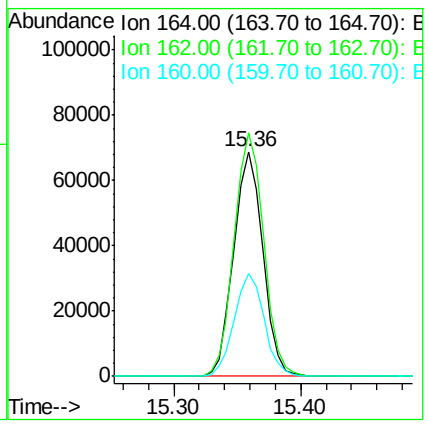


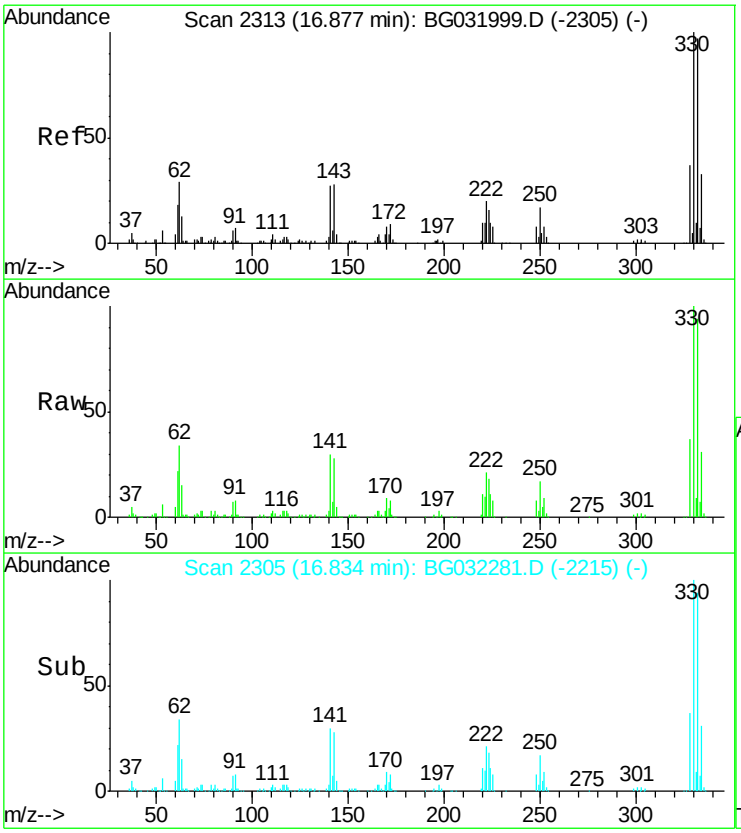
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion:164 Resp: 109087

Ion	Ratio	Lower	Upper
164	100		
162	108.4	78.8	118.2
160	45.8	35.4	53.0

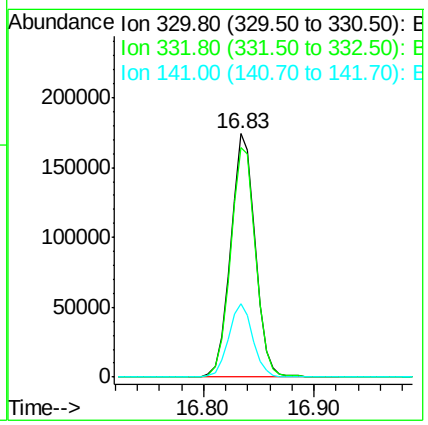


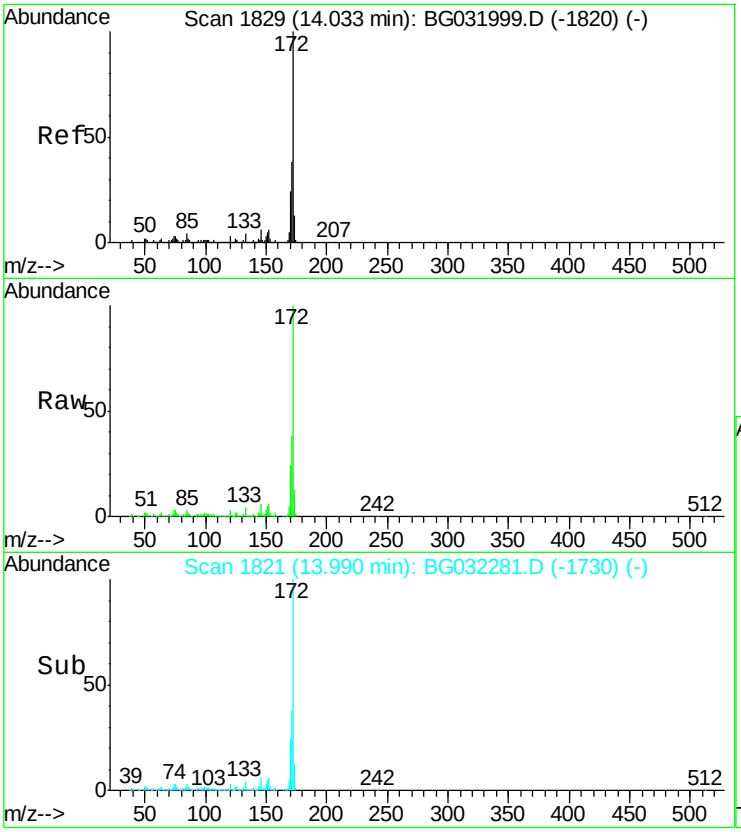


#41
2,4,6-Tribromophenol
Concen: 149.747 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:330 Resp: 270314

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.0	25.2	37.8



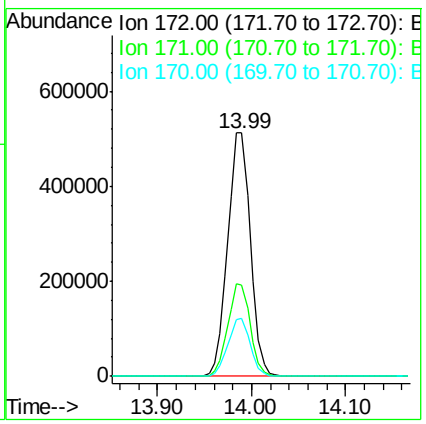


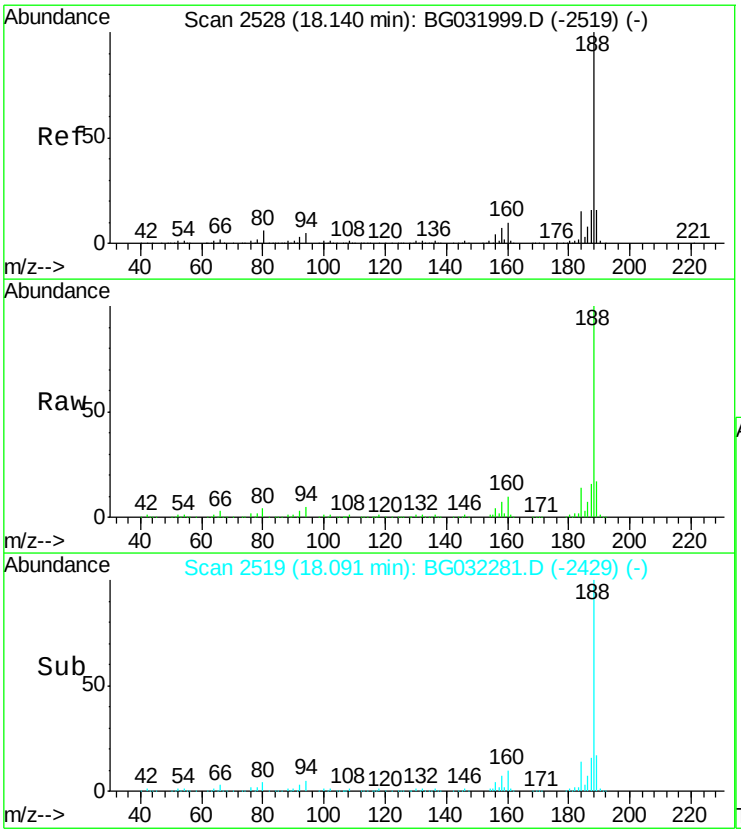
#44
2-Fluorobiphenyl
Concen: 97.508 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion:172 Resp: 857841

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	19.5	29.3

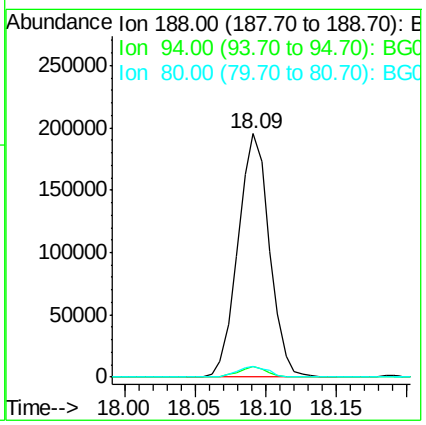


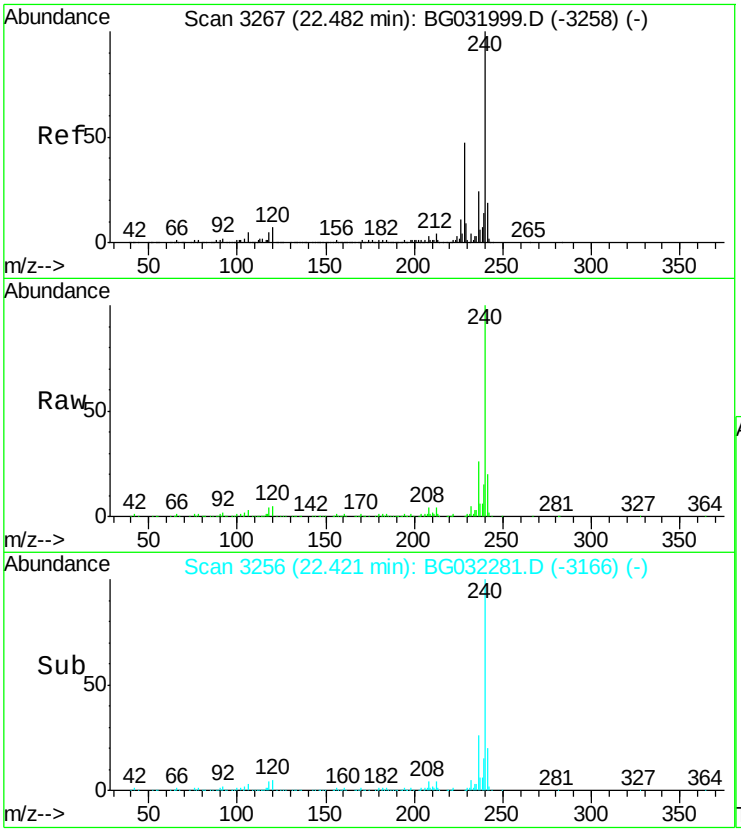


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:188 Resp: 303894

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.4	7.7	11.5#



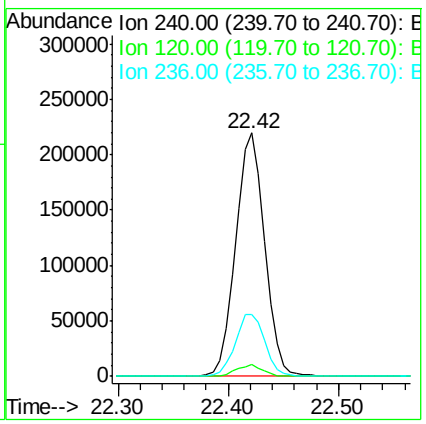


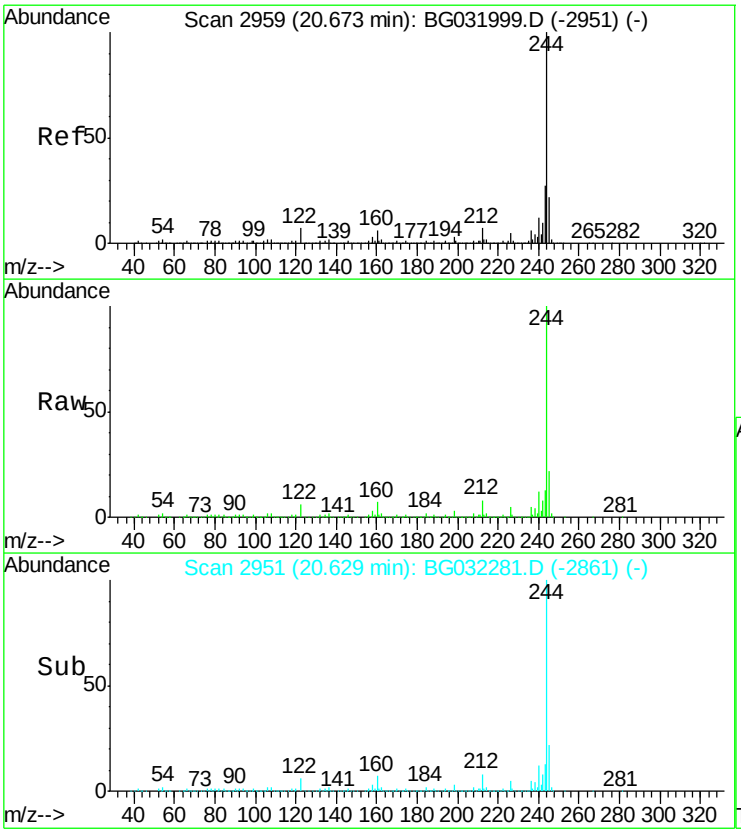
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion:240 Resp: 405158

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.6	20.9	31.3

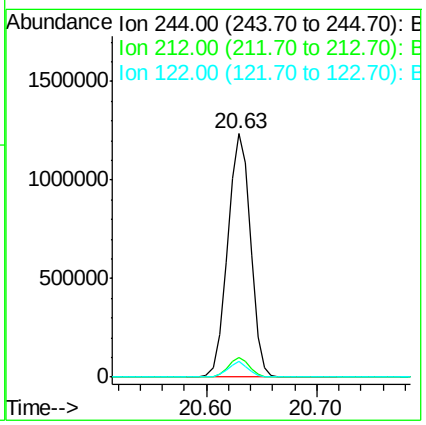


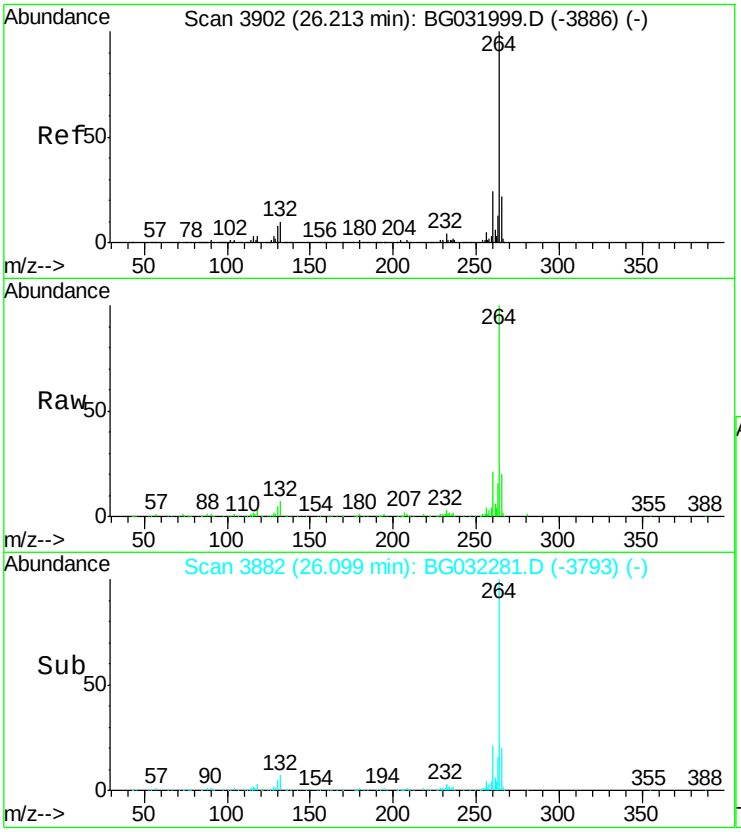


#78
Terphenyl-d14
Concen: 97.702 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion:244 Resp: 1792751

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion:264 Resp: 365471

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	20.0	17.7	26.5