Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031496.D
Acq On : 12 Dec 2017 17:39
Operator : SJ/JU
Sample : PB104933BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104933BL

Quant Time: Dec 13 05:53:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47665	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	181648	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	130713	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	390455	20.00	ng	0.00
75) Chrysene-d12	21.74	240	491736	20.00	ng	0.00
86) Perylene-d12	25.03	264	460387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	427596	159.01	ng	0.00
7) Phenol-d6	7.27	99	545372	146.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	304877	103.45	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	264463	172.70	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	909296	102.11	ng	0.00
78) Terphenyl-d14	20.07	244	2027034	93.79	ng	0.00
Target Compounds						Qvalue

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

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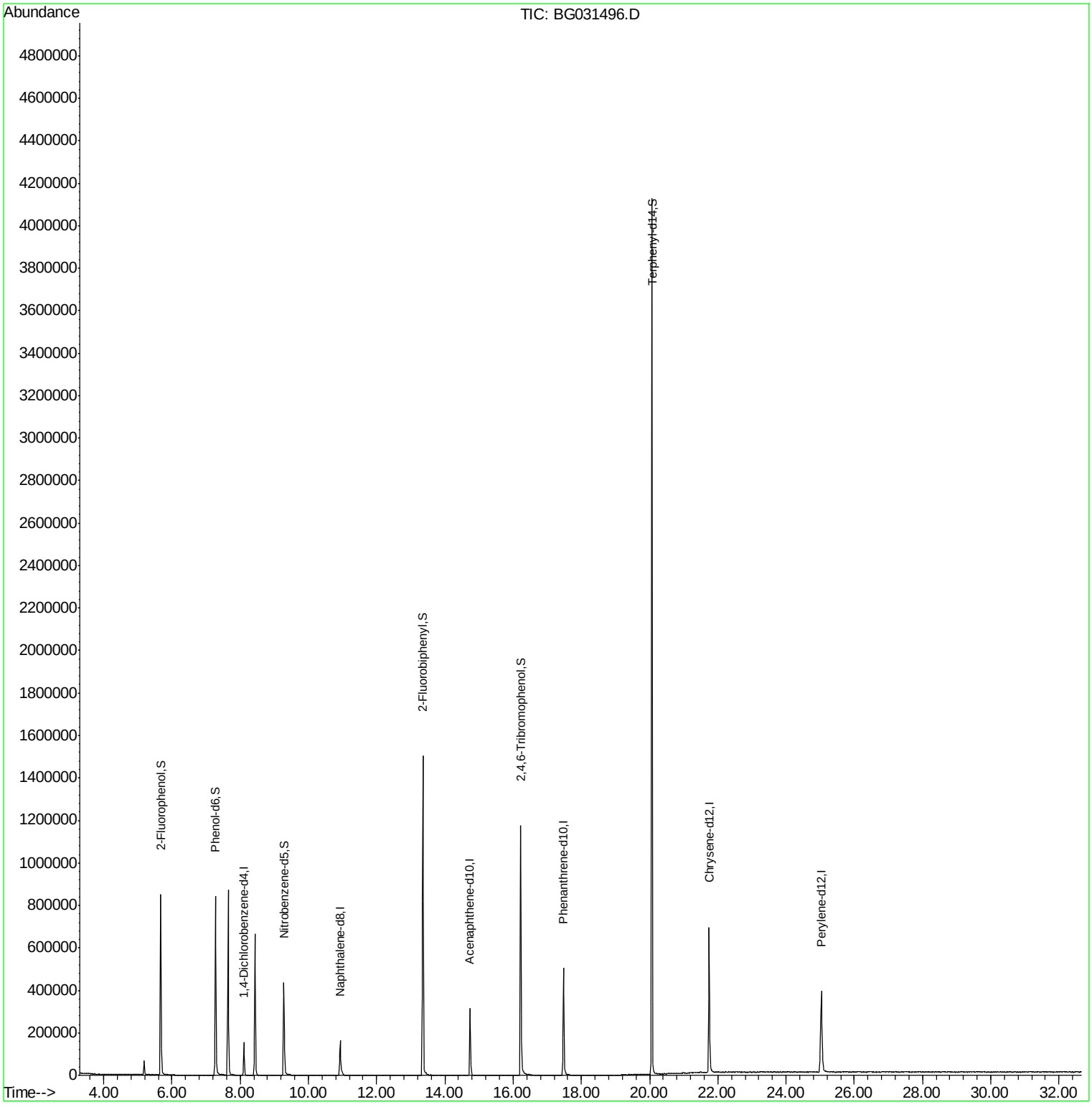
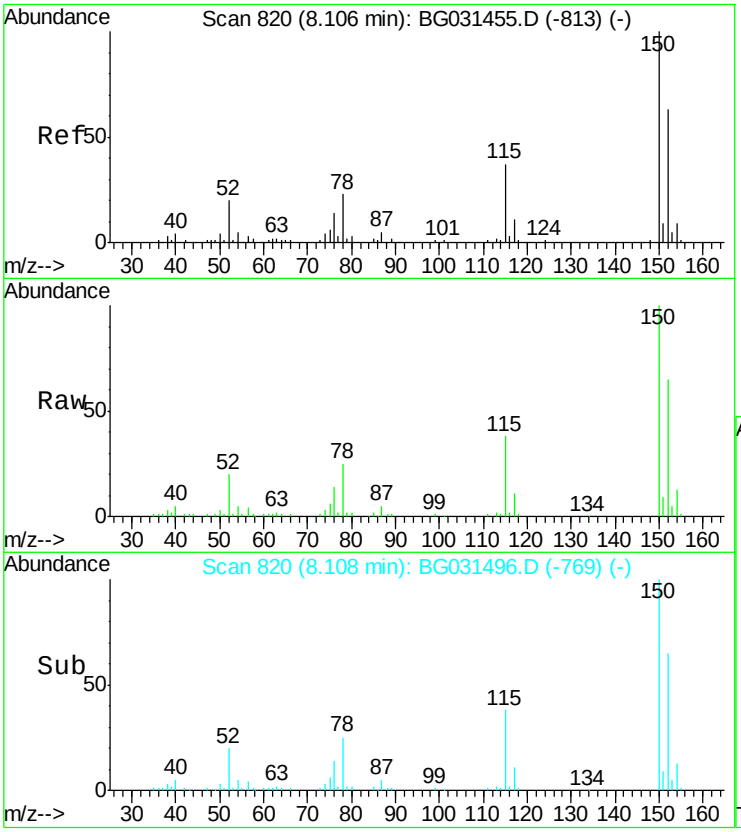


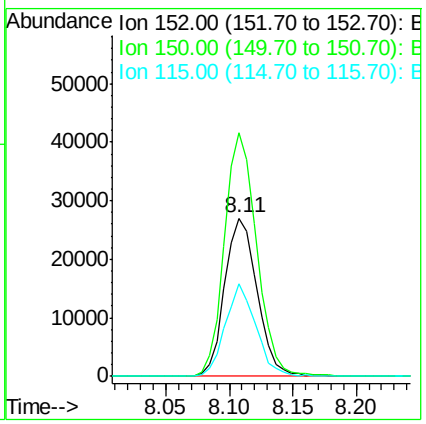


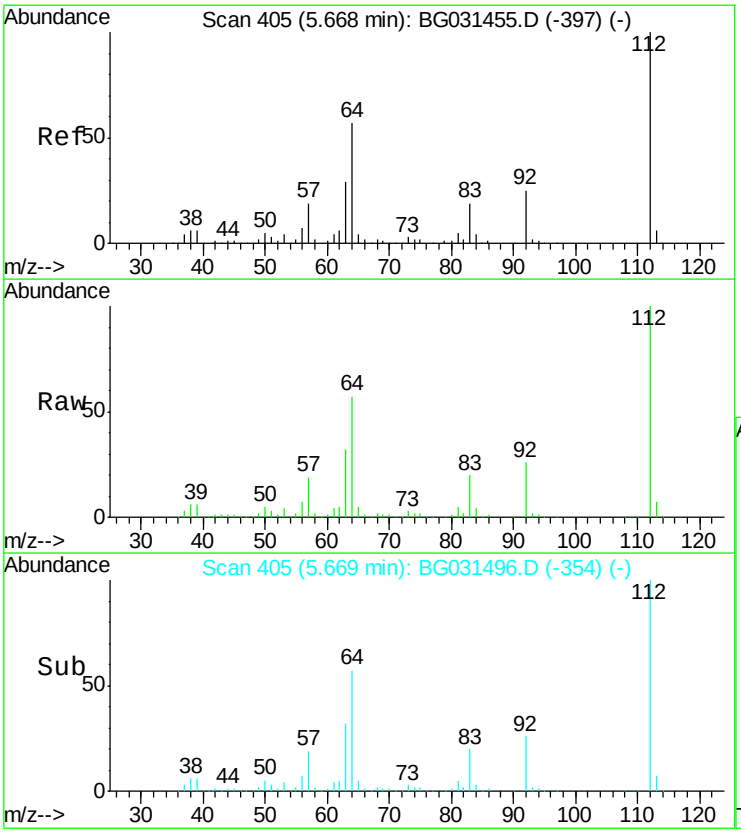
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tgt Ion:152 Resp: 47665

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.6	189.8
115	58.8	53.0	79.4

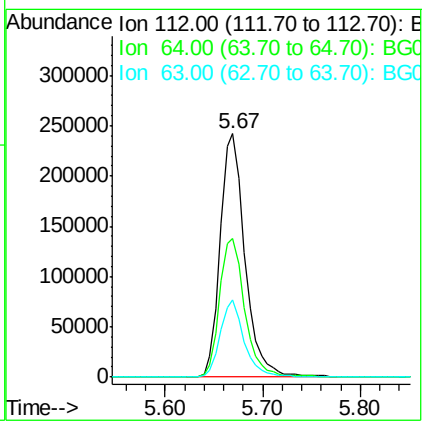


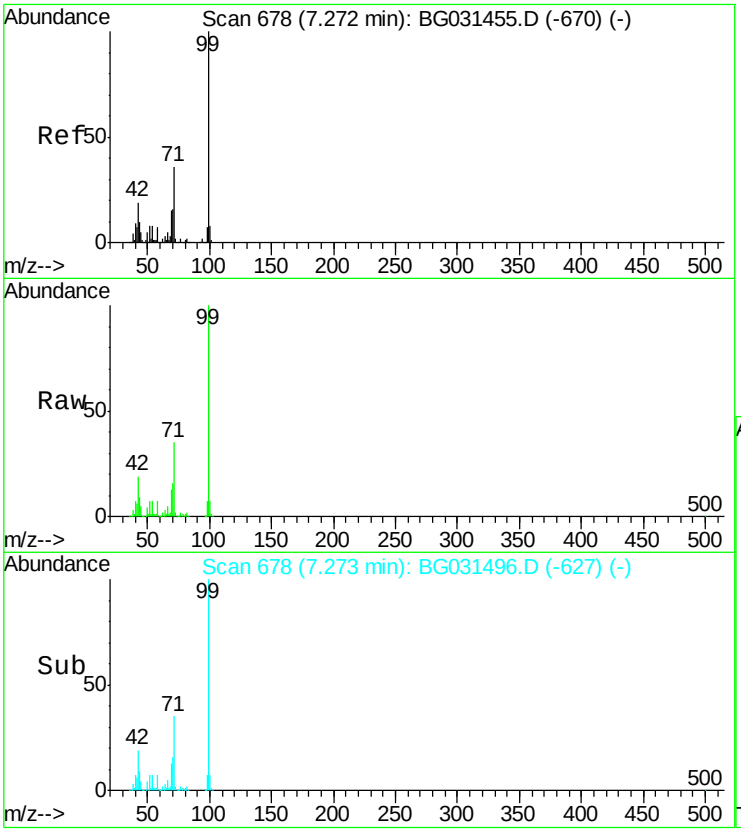


#5
2-Fluorophenol
Concen: 159.010 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:112 Resp: 427596

Ion	Ratio	Lower	Upper
112	100		
64	56.9	56.3	84.5
63	31.8	30.1	45.1



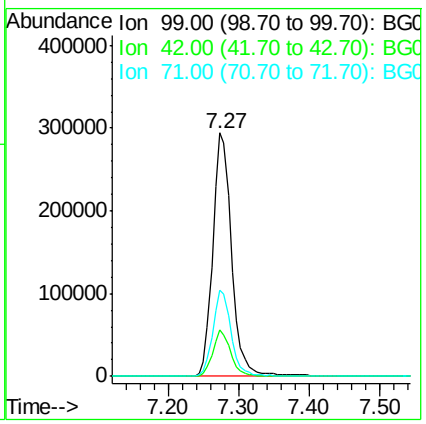


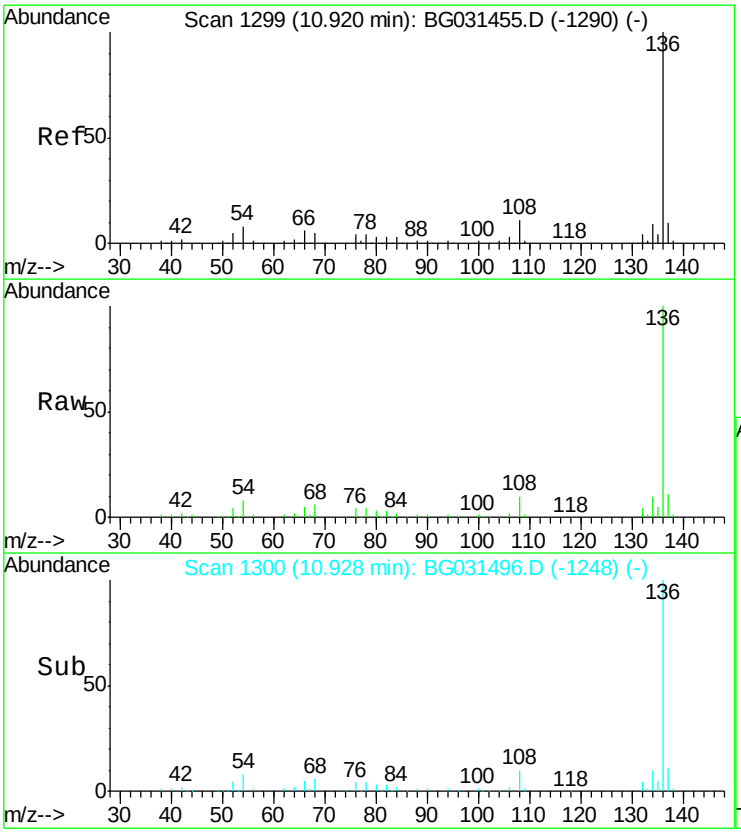
#7
Phenol-d6
Concen: 146.090 ng
RT: 7.27 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tgt Ion: 99 Resp: 545372

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	35.5	26.1	39.1

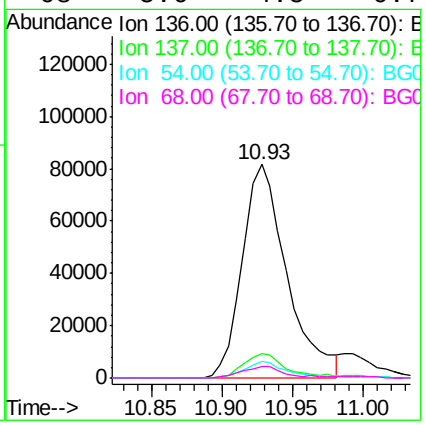


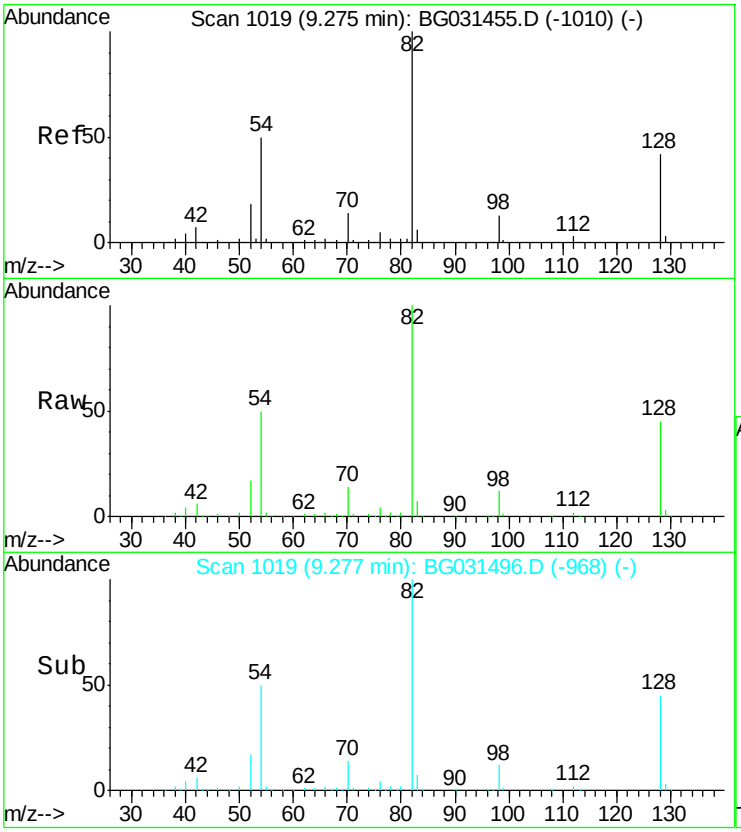


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:136 Resp: 181648

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	10.3	15.5#
68	5.6	4.5	6.7



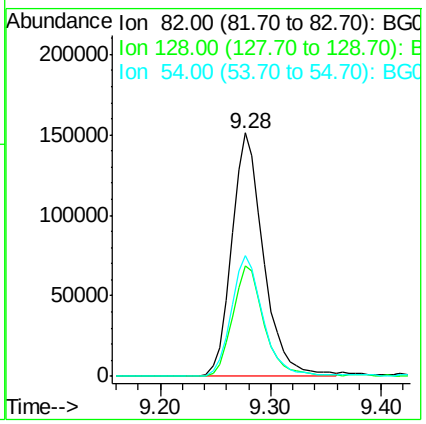


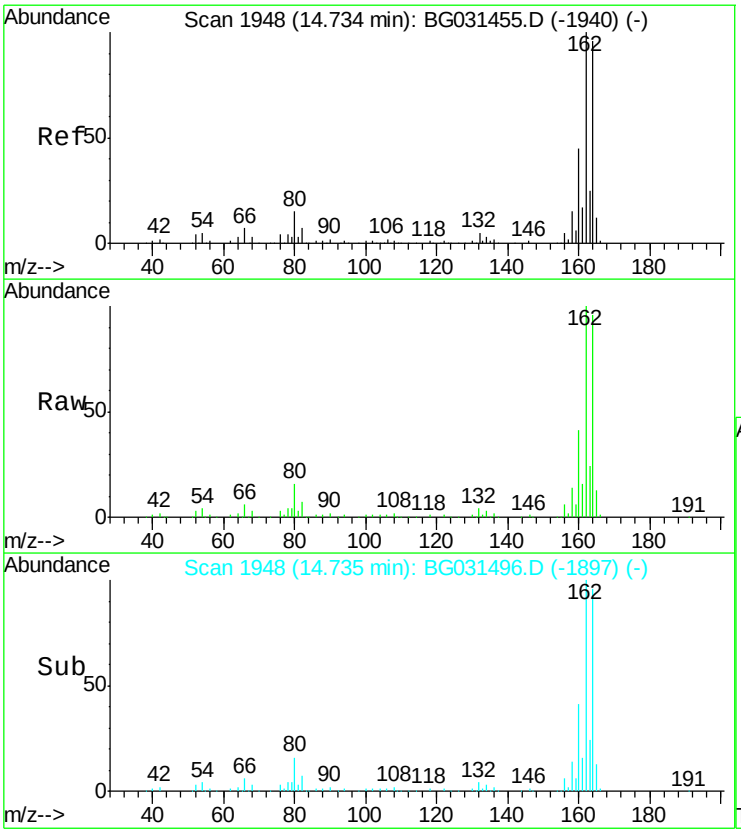
#23
Nitrobenzene-d5
Concen: 103.451 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tgt Ion: 82 Resp: 304877

Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	49.7	43.1	64.7

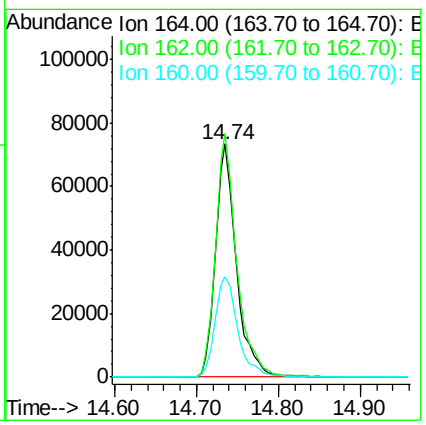


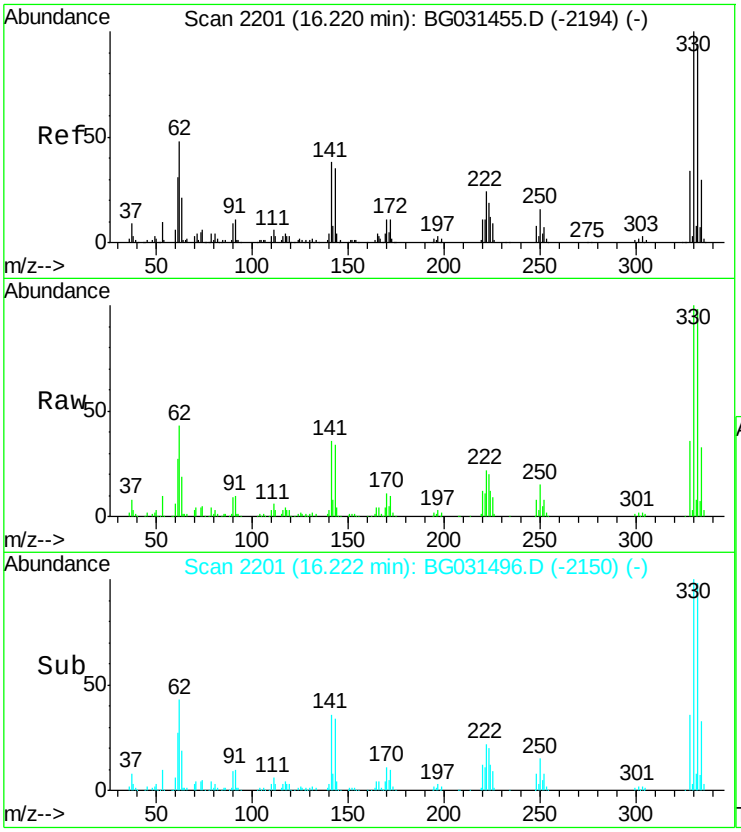


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:164 Resp: 130713

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	43.3	35.4	53.0



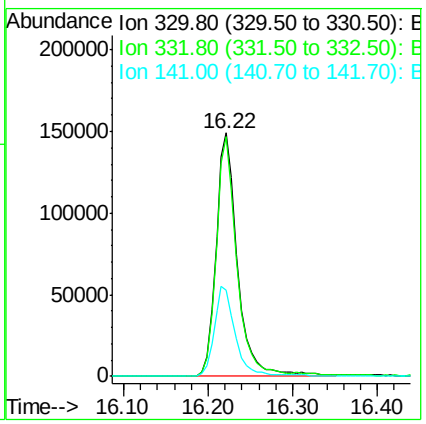


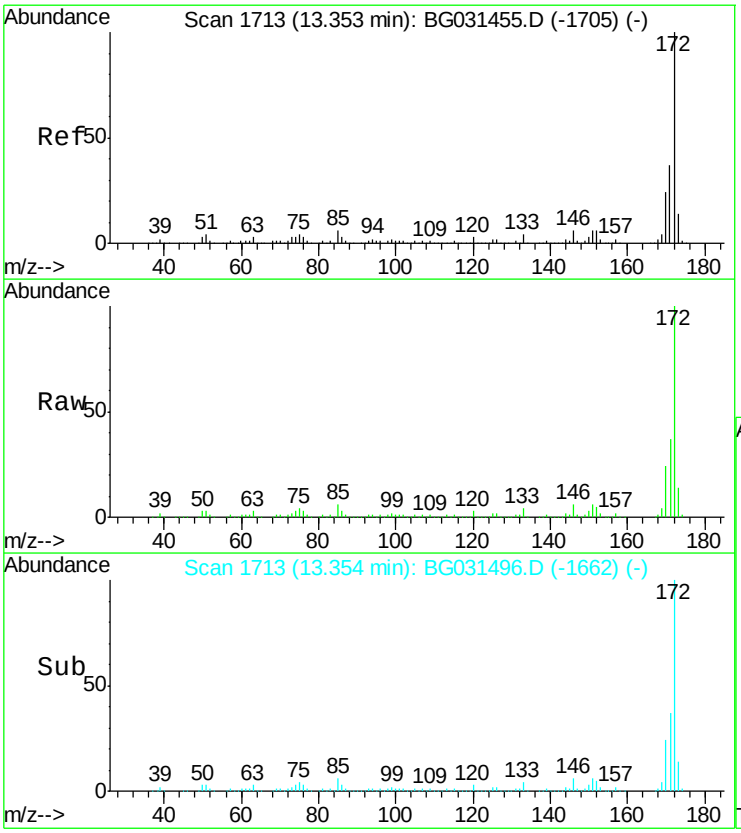
#41
2,4,6-Tribromophenol
Concen: 172.698 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tgt Ion:330 Resp: 264463

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	36.3	25.2	37.8

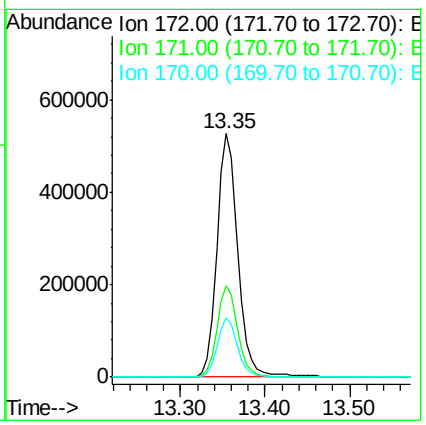


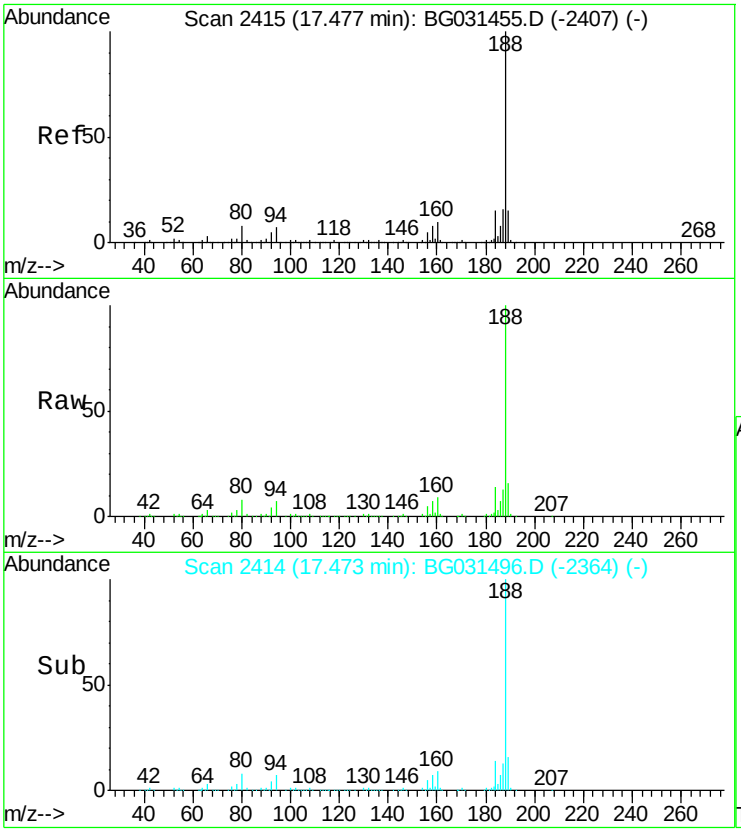


#44
2-Fluorobiphenyl
Concen: 102.111 ng
RT: 13.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:172 Resp: 909296

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.2	19.5	29.3



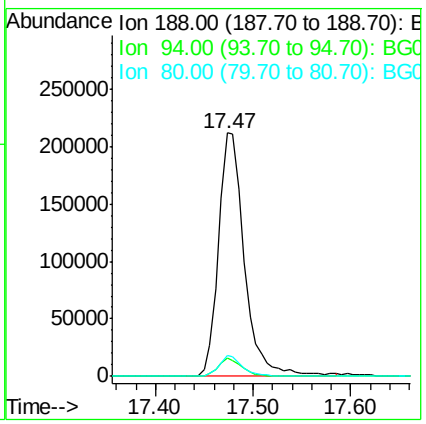


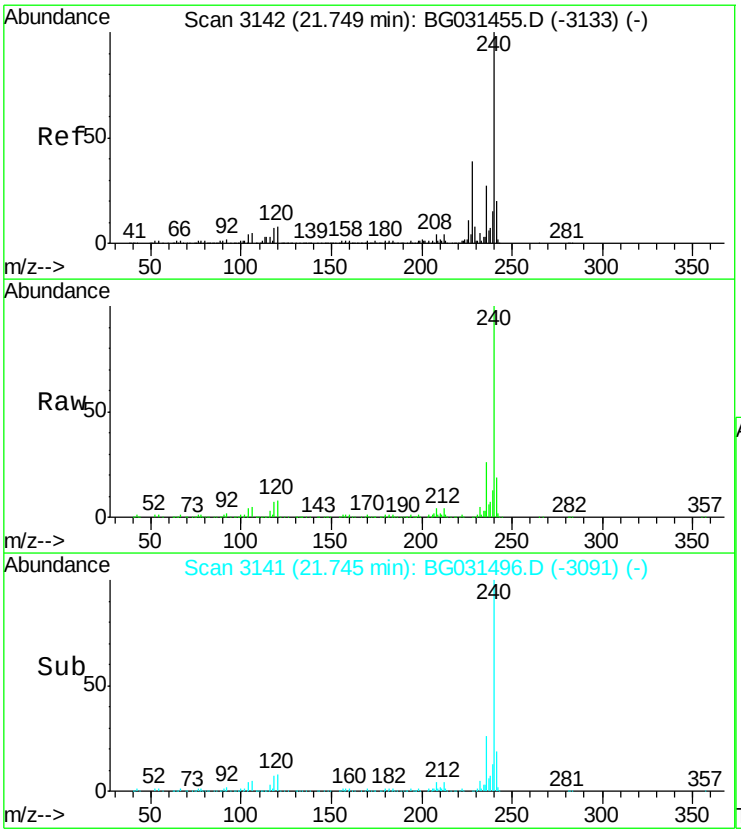
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tgt Ion:188 Resp: 390455

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.4	7.7	11.5

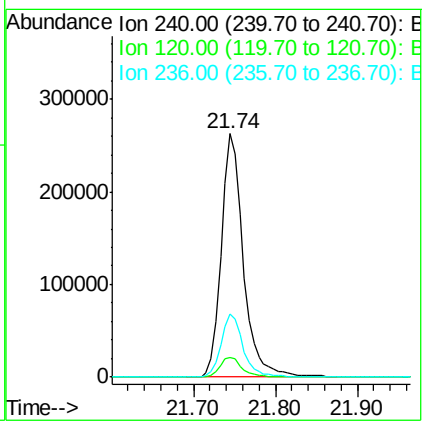


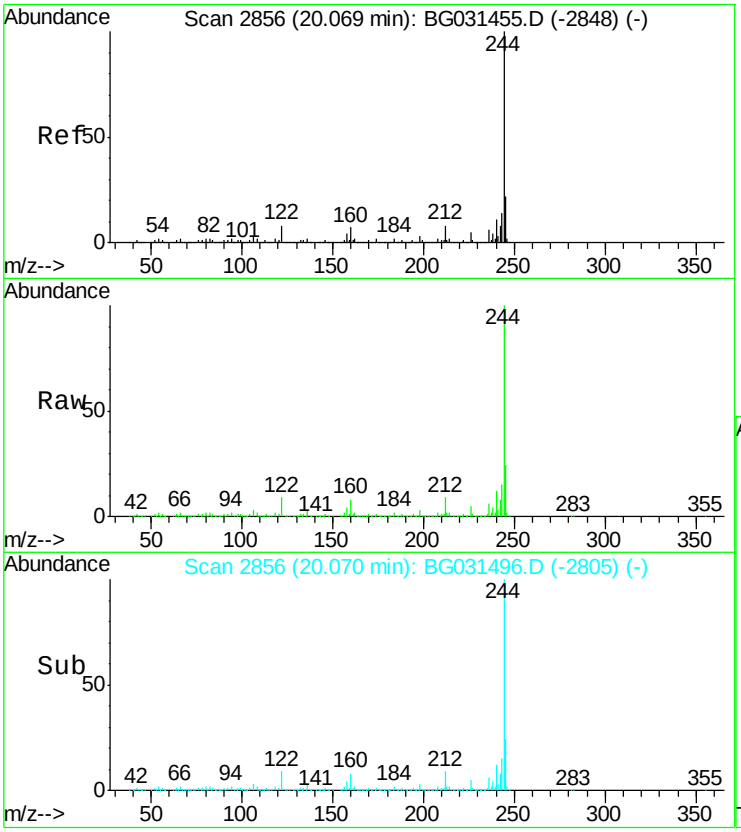


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:240 Resp: 491736

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	25.8	20.9	31.3



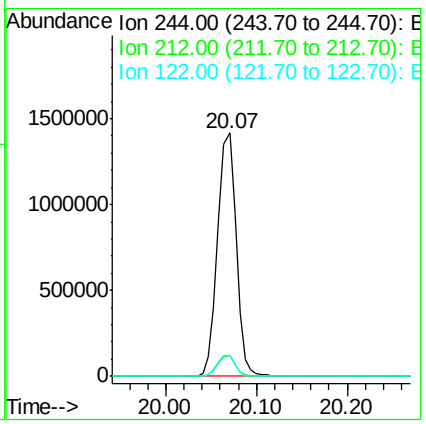


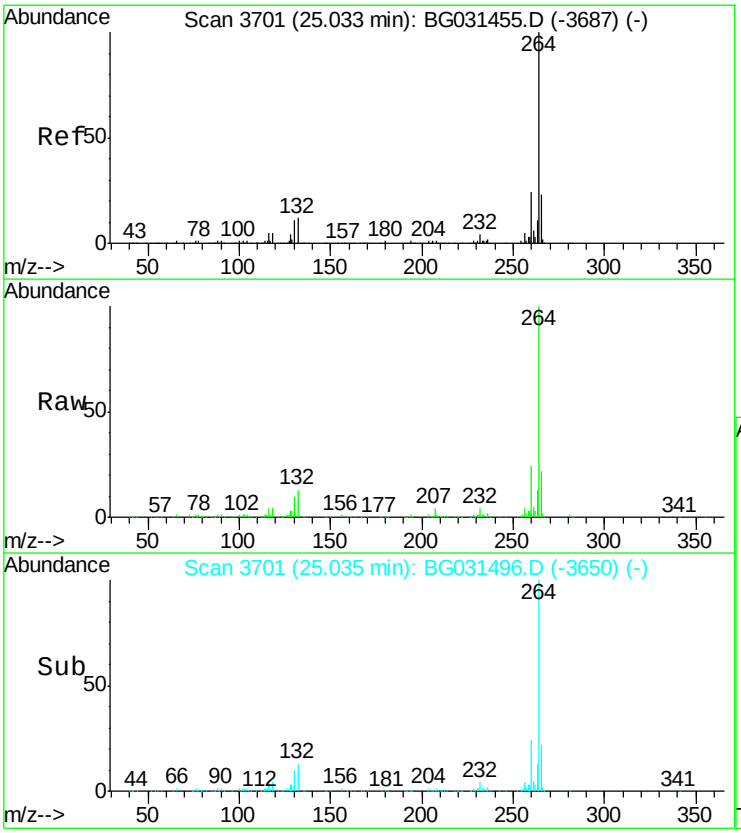
#78
Terphenyl-d14
Concen: 93.787 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

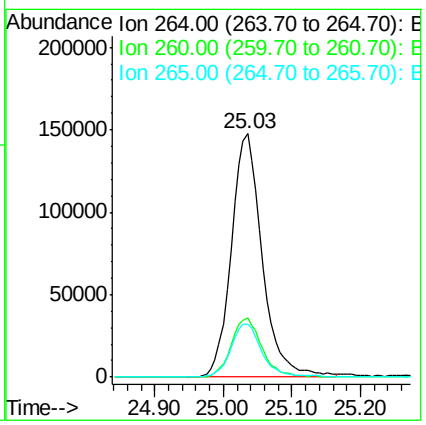
Tgt Ion:244 Resp: 2027034

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.8	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:264 Resp: 460387

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.8	17.7	26.5