Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029415.D
Acq On : 24 Oct 2017 1:30
Operator : SJ/JU
Sample : I6069-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-102017

Quant Time: Oct 24 05:55:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59923	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	261395	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	176066	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	486233	20.00	ng	0.00
75) Chrysene-d12	21.79	240	545462	20.00	ng	0.00
86) Perylene-d12	25.09	264	531788	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	383527	106.92	ng	0.00
7) Phenol-d6	7.31	99	454993	90.37	ng	0.00
23) Nitrobenzene-d5	9.33	82	322061	78.30	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	262353	115.41	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	890501	74.18	ng	0.00
78) Terphenyl-d14	20.11	244	1688582	70.42	ng	0.00
Target Compounds						Qvalue

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

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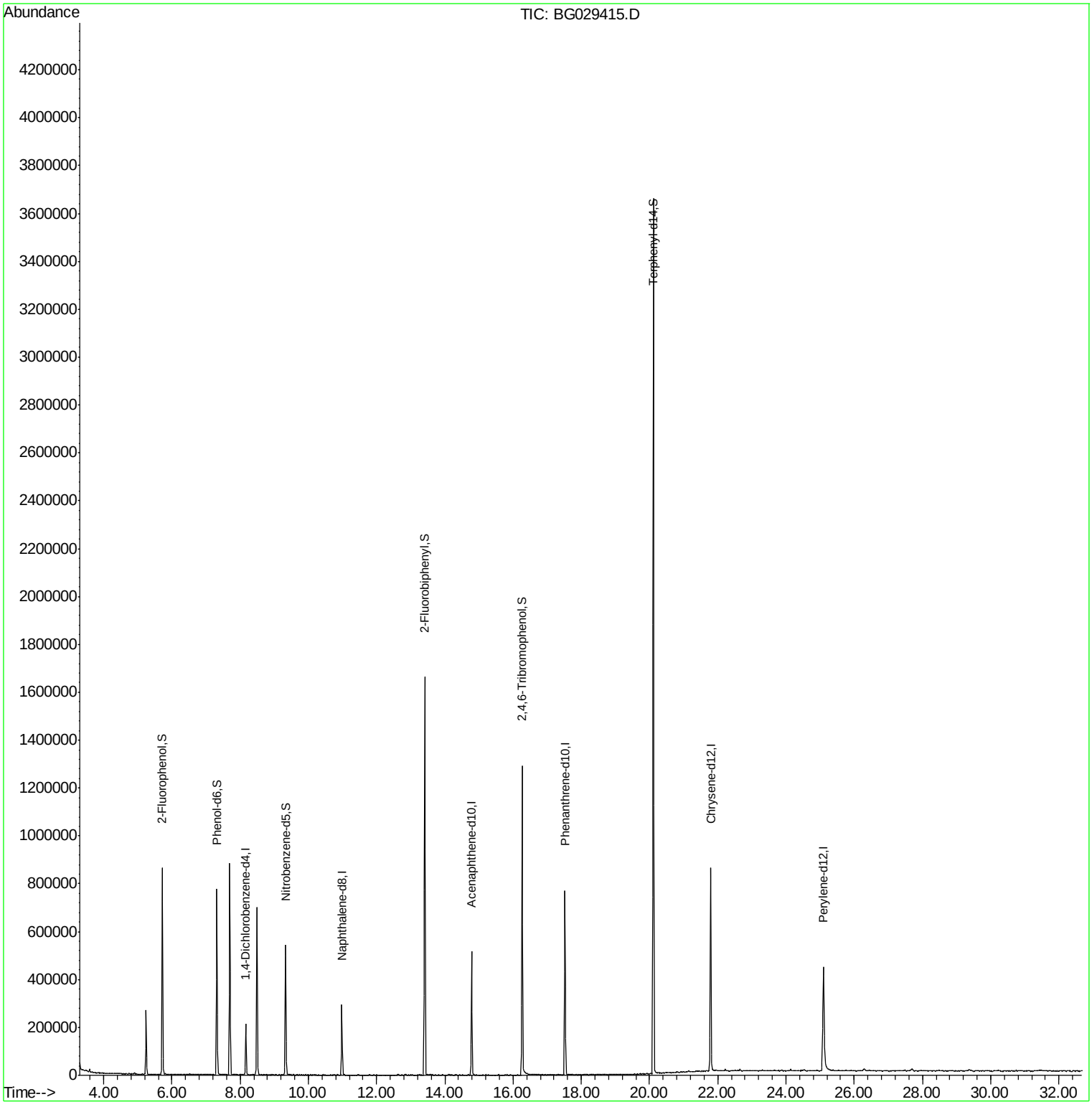
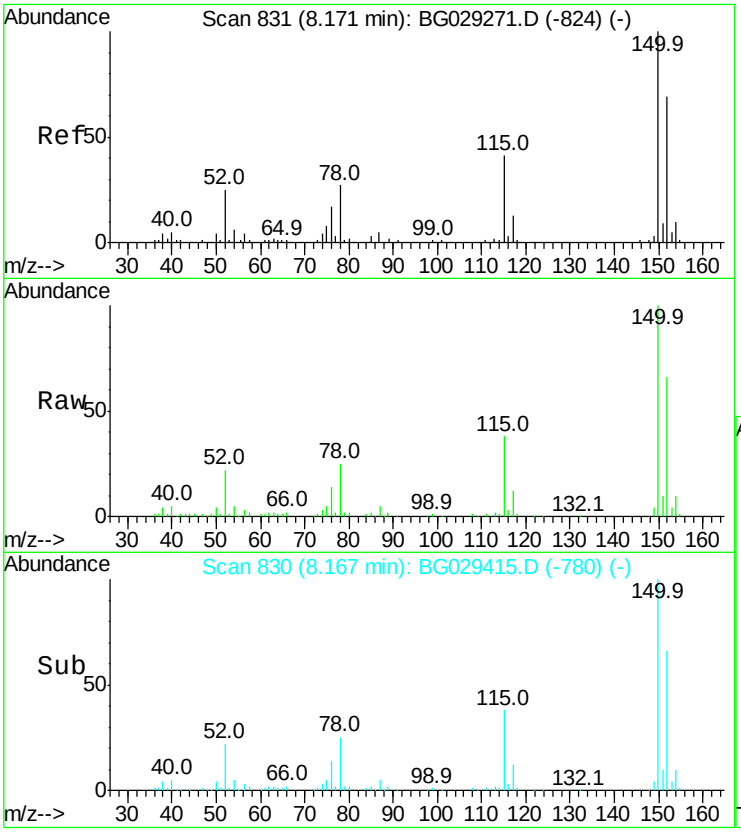


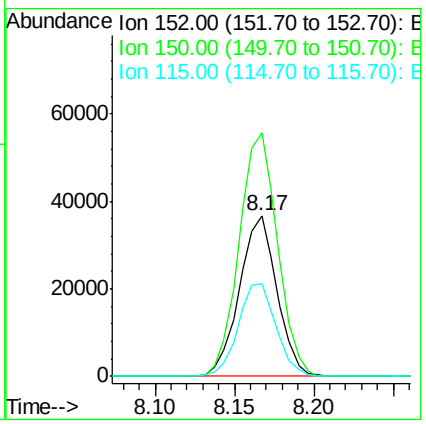


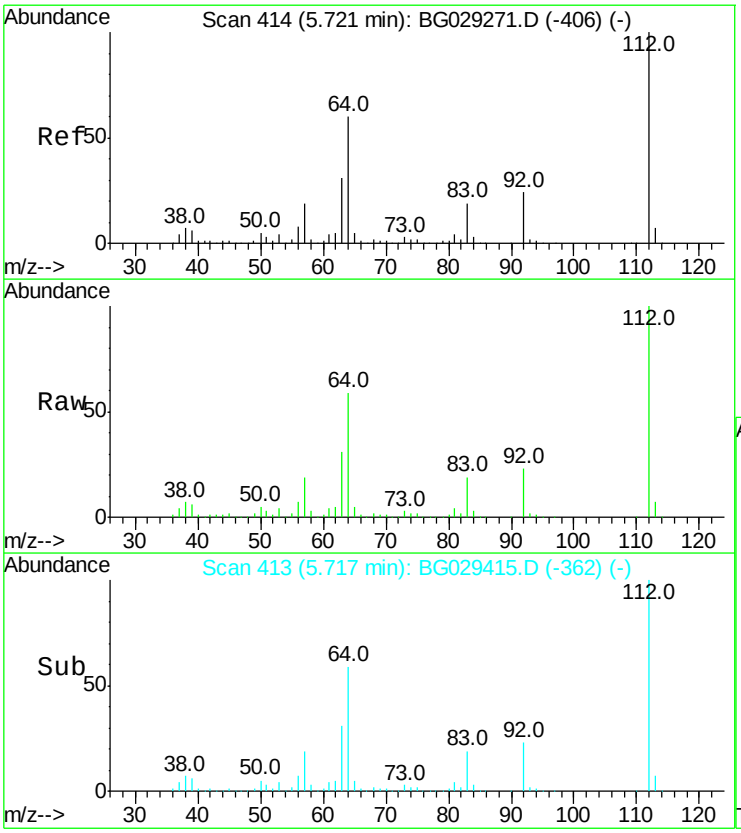
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion:152 Resp: 59923

Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	57.5	53.0	79.4

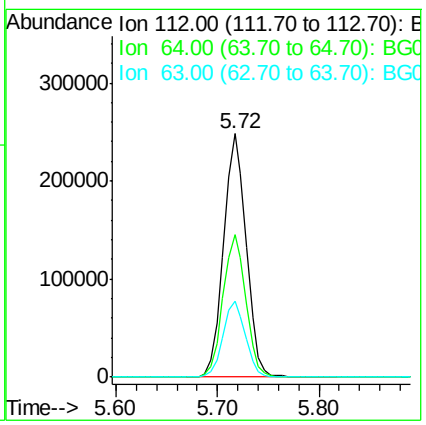


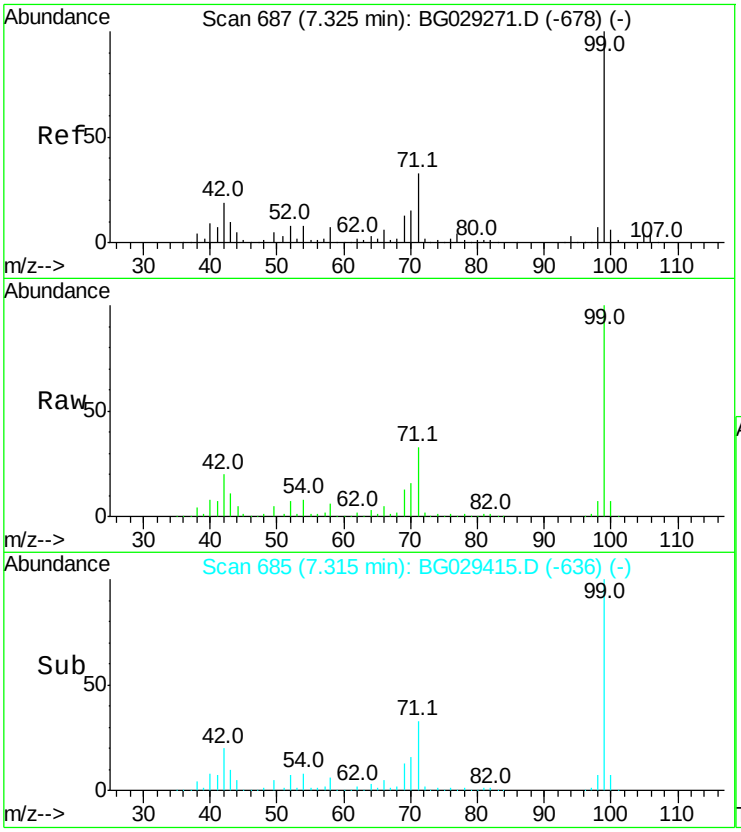


#5
2-Fluorophenol
Concen: 106.921 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:112 Resp: 383527

Ion	Ratio	Lower	Upper
112	100		
64	58.7	56.3	84.5
63	31.1	30.1	45.1



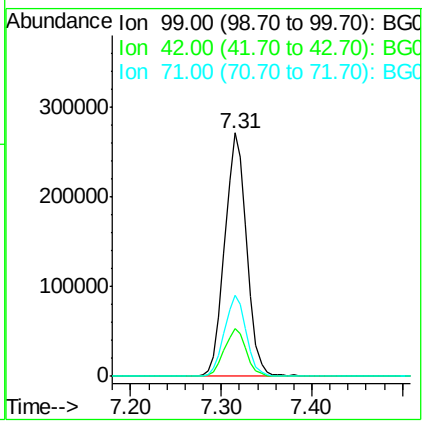


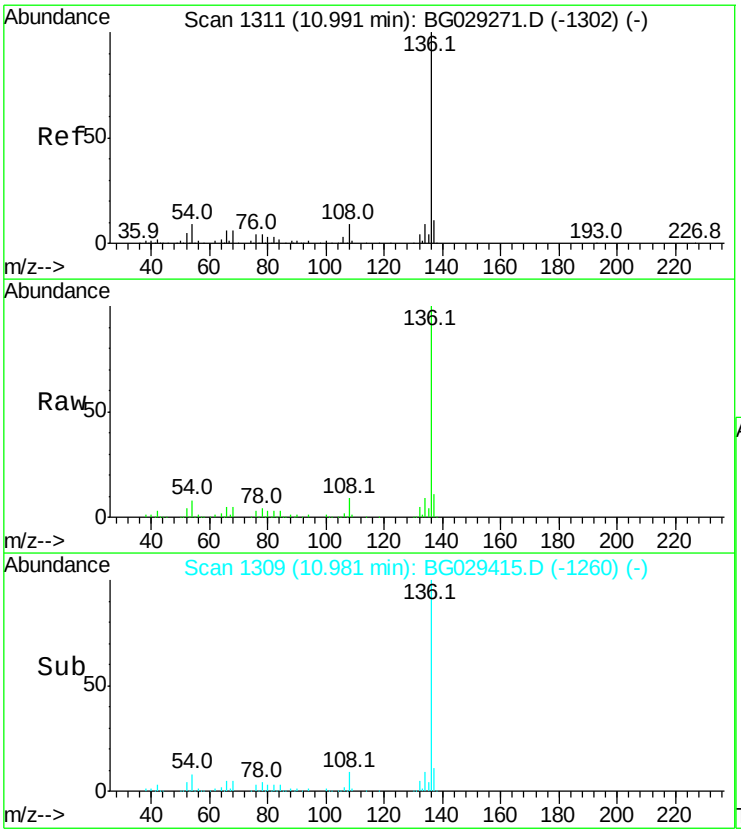
#7
Phenol-d6
Concen: 90.367 ng
RT: 7.31 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion: 99 Resp: 454993

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	33.1	26.1	39.1

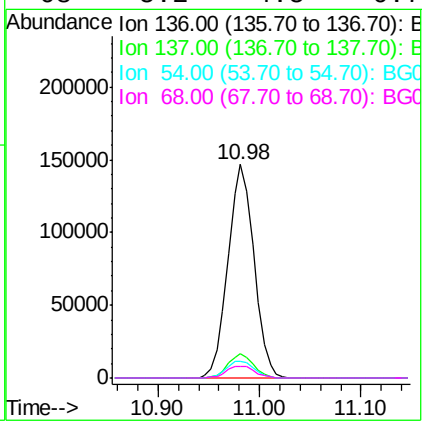


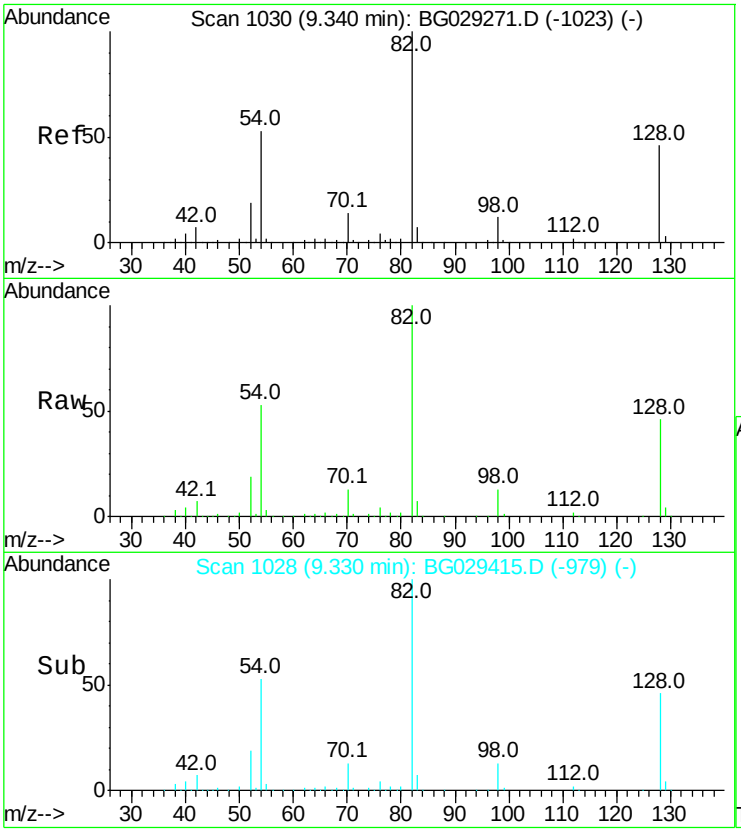


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:136 Resp: 261395

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	10.3	15.5#
68	5.2	4.5	6.7



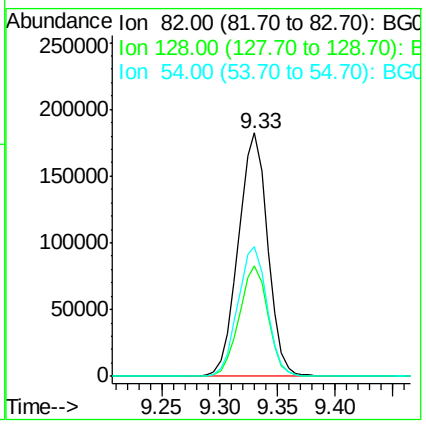


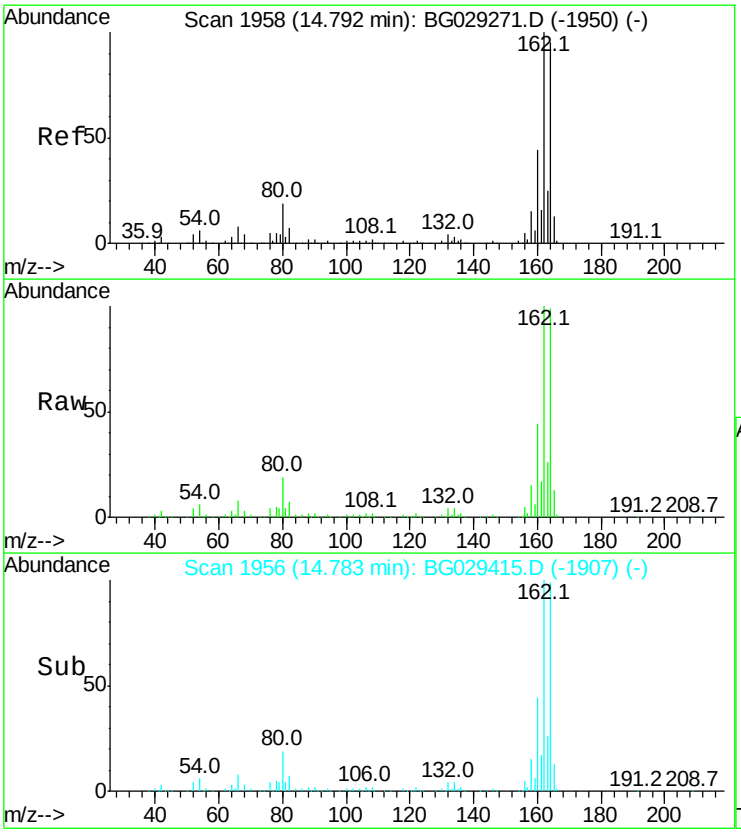
#23
Nitrobenzene-d5
Concen: 78.296 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion: 82 Resp: 322061

Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	53.5	43.1	64.7

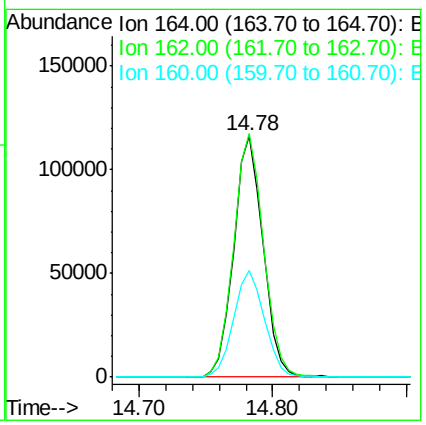


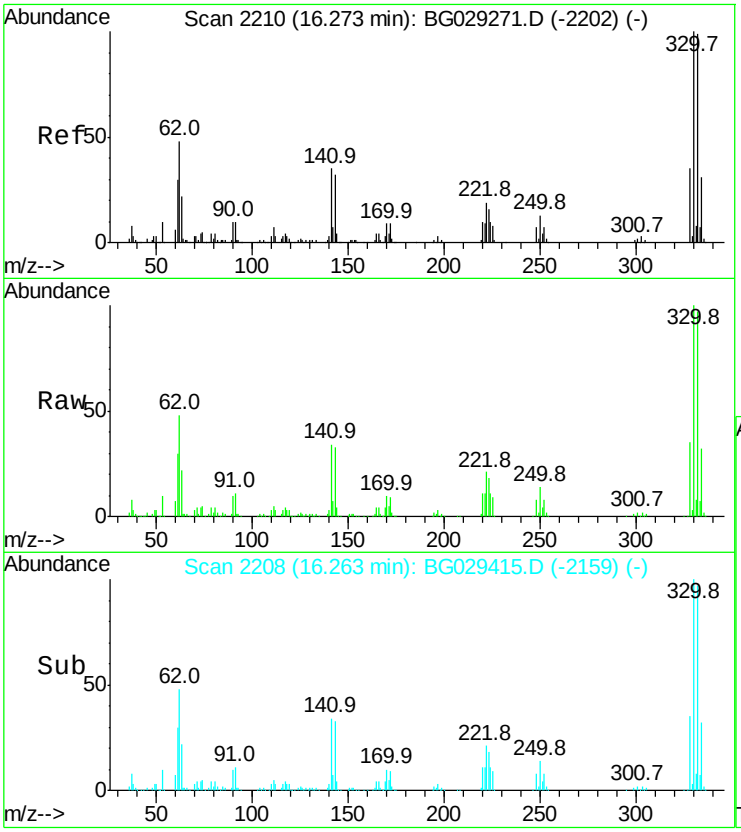


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:164 Resp: 176066

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	44.3	35.4	53.0



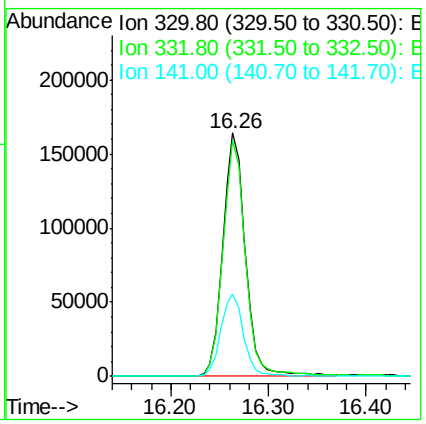


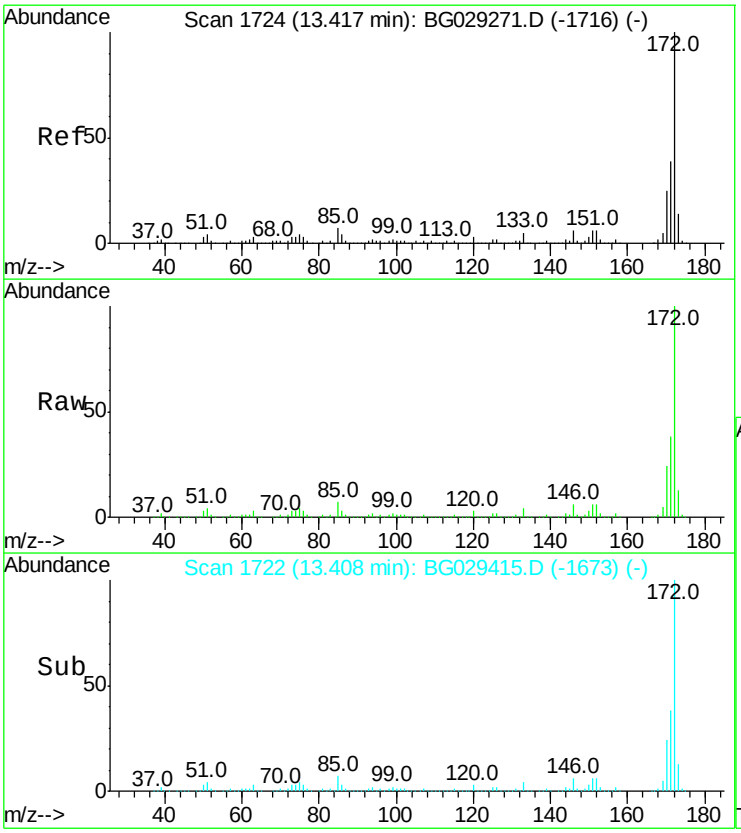
#41
2,4,6-Tribromophenol
Concen: 115.412 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion:330 Resp: 262353

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.0	25.2	37.8

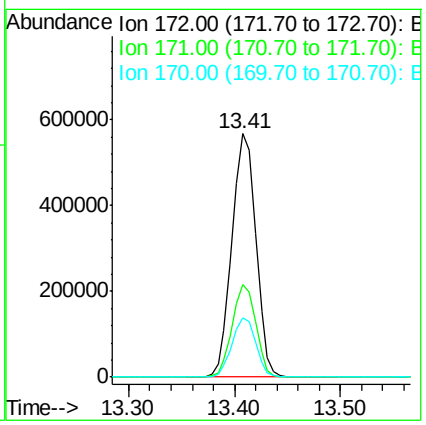


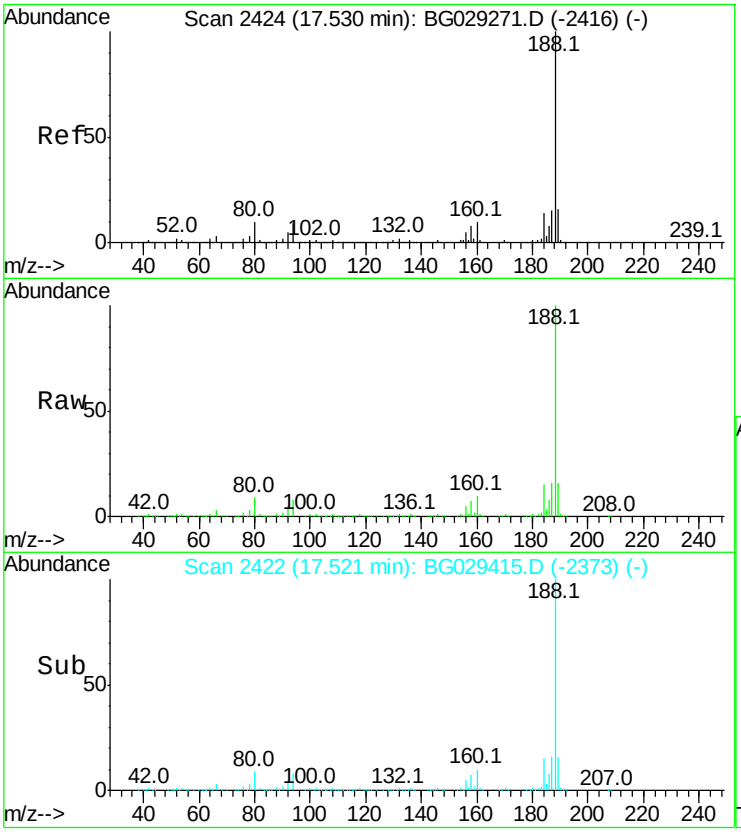


#44
2-Fluorobiphenyl
Concen: 74.180 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:172 Resp: 890501

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.3	19.5	29.3



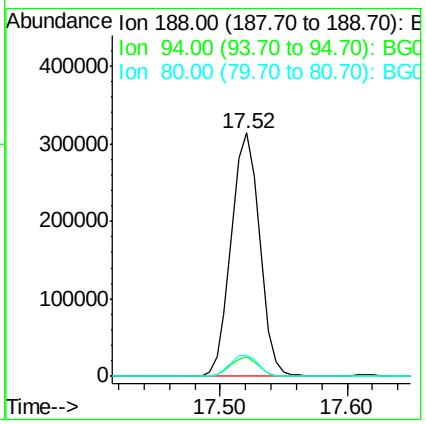


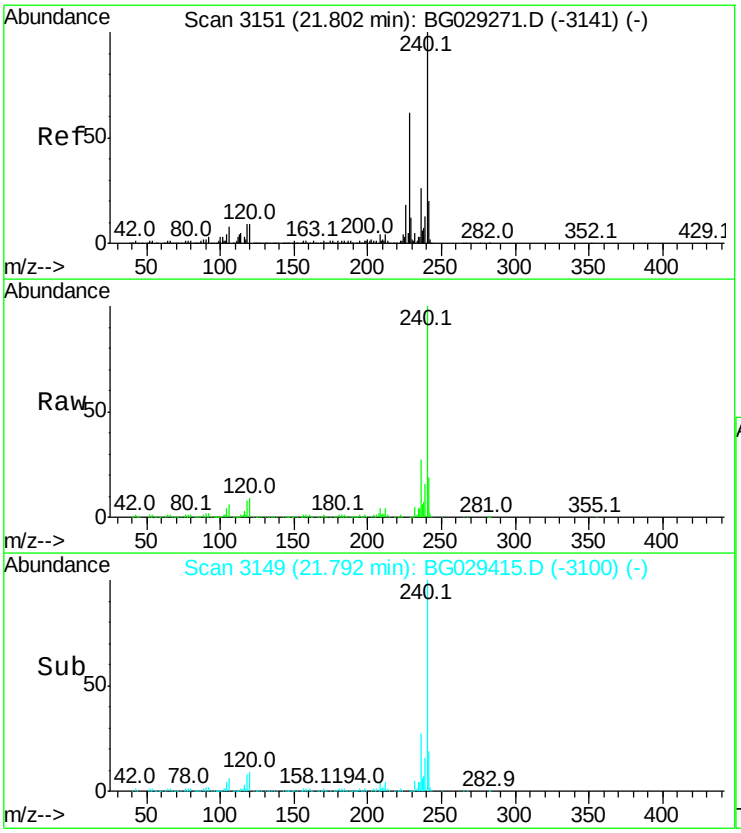
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion:188 Resp: 486233

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.8	7.7	11.5

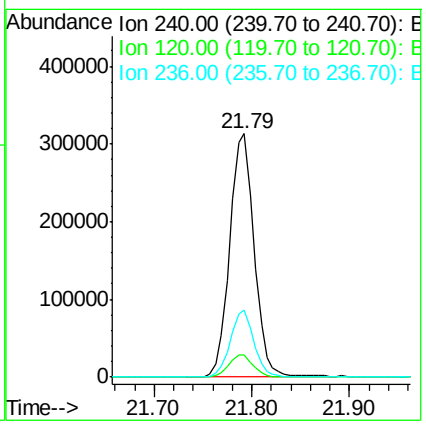


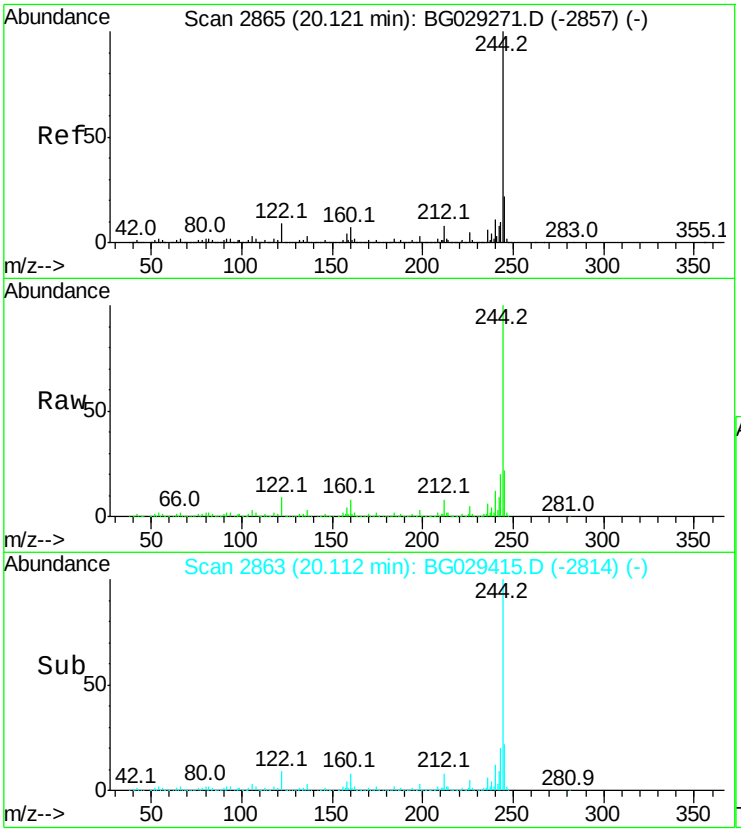


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:240 Resp: 545462

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	27.4	20.9	31.3



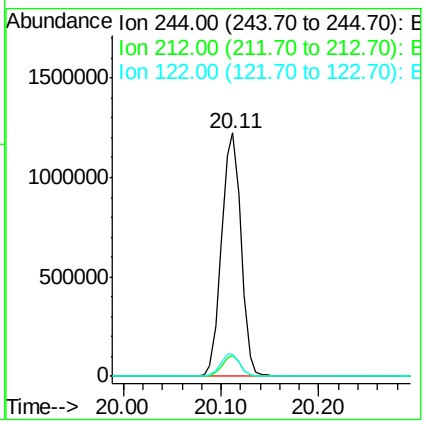


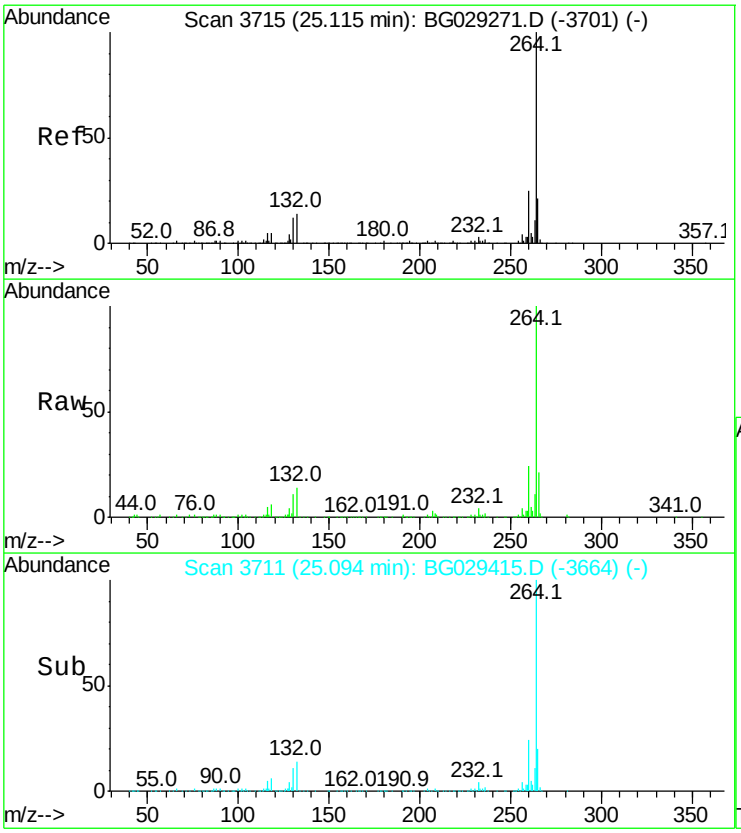
#78
Terphenyl-d14
Concen: 70.425 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :
OR-03-102017

Tgt Ion:244 Resp: 1688582

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029415.D
Acq: 24 Oct 2017 1:30

Tgt Ion:264 Resp: 531788

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.6	17.7	26.5