Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036545.D
Acq On : 5 Sep 2018 00:59
Operator : JU/SJ
Sample : J4764-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP

Quant Time: Sep 05 05:38:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61612	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247862	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162729	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	423348	20.00	ng	0.00
75) Chrysene-d12	21.69	240	462469	20.00	ng	0.00
86) Perylene-d12	24.90	264	437430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	502720	129.43	ng	0.00
7) Phenol-d6	7.21	99	627255	112.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	489552	107.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	327389	168.61	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1078258	94.61	ng	0.00
78) Terphenyl-d14	20.03	244	1915559	96.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.91	128	32857	2.652	ng	97

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

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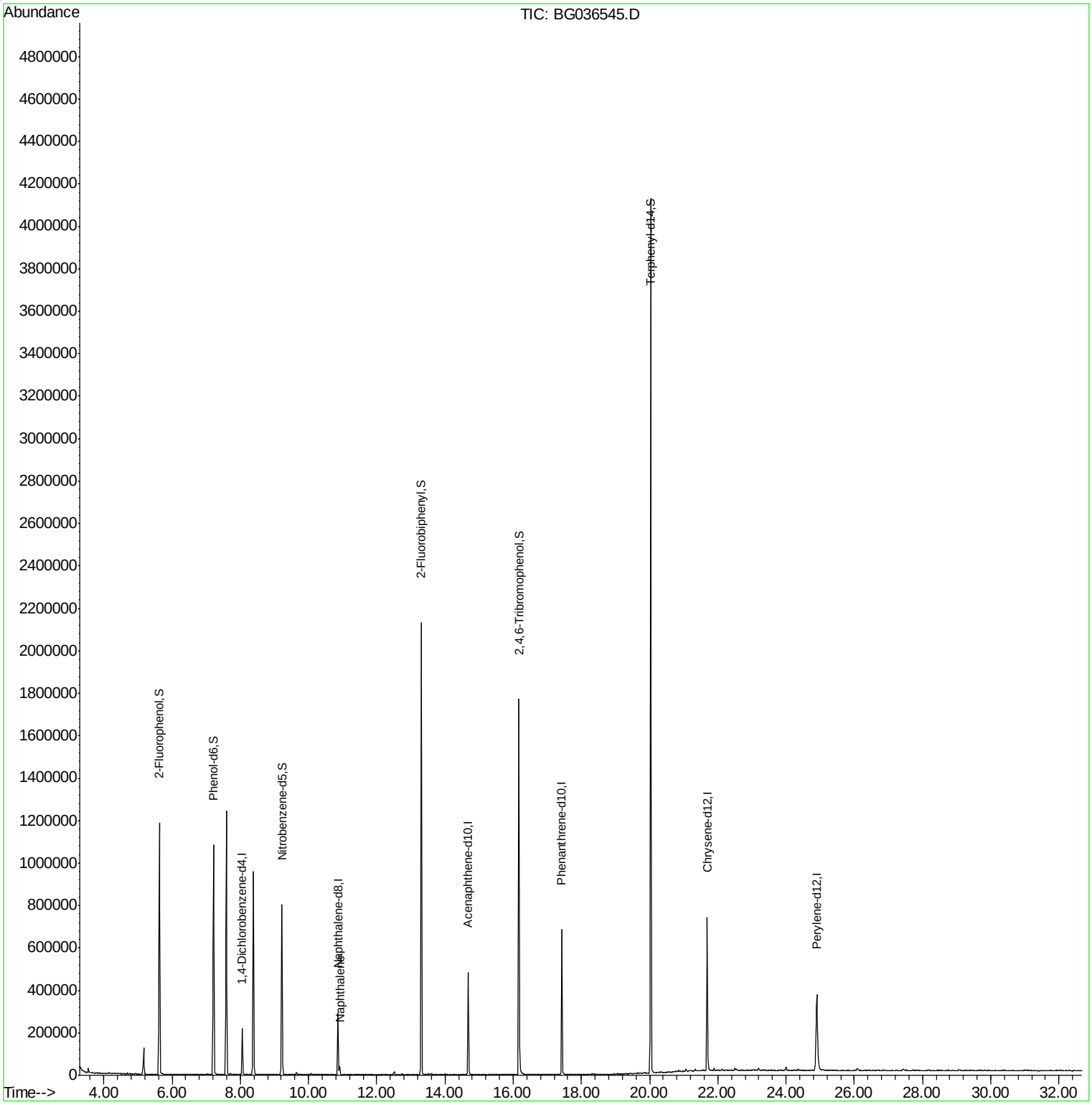
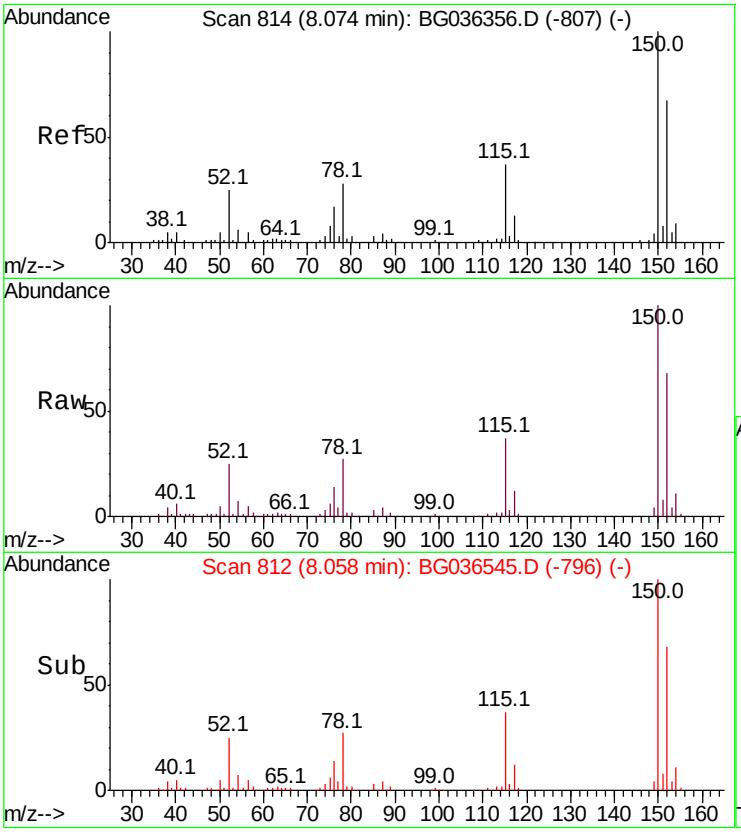


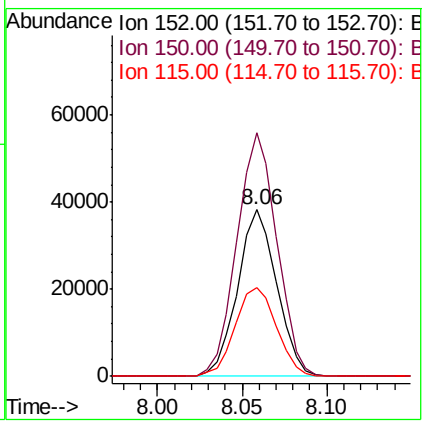


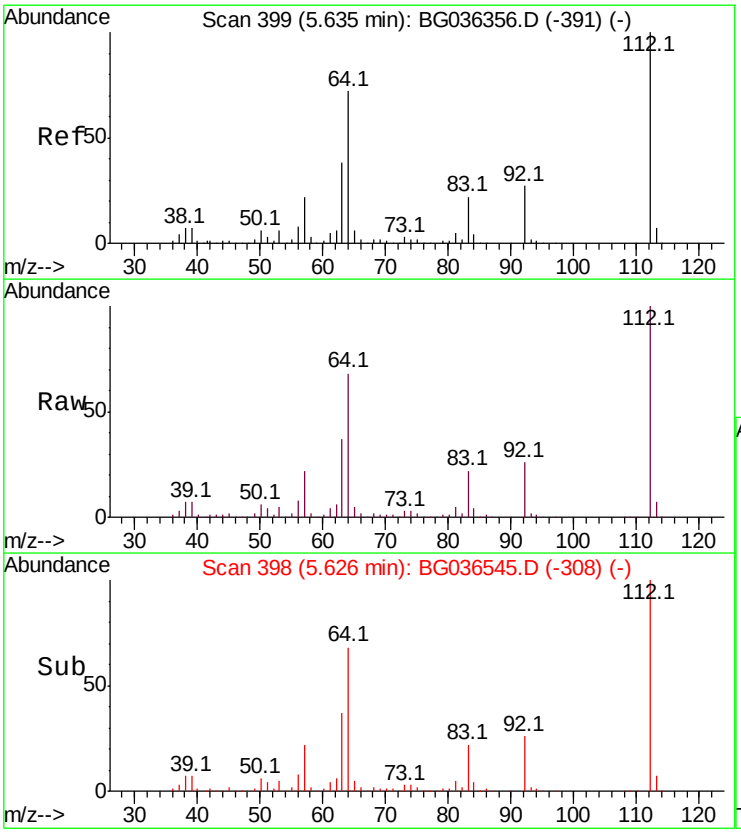
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:152 Resp: 61612

Ion	Ratio	Lower	Upper
152	100		
150	146.1	119.5	179.3
115	53.6	44.5	66.7

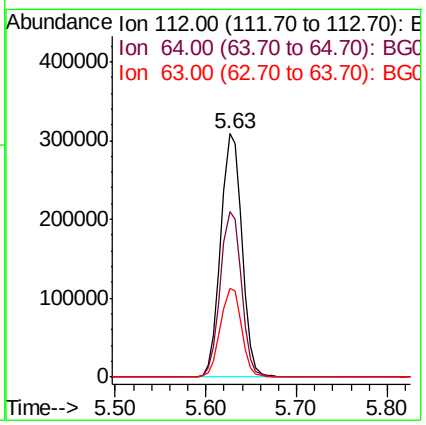


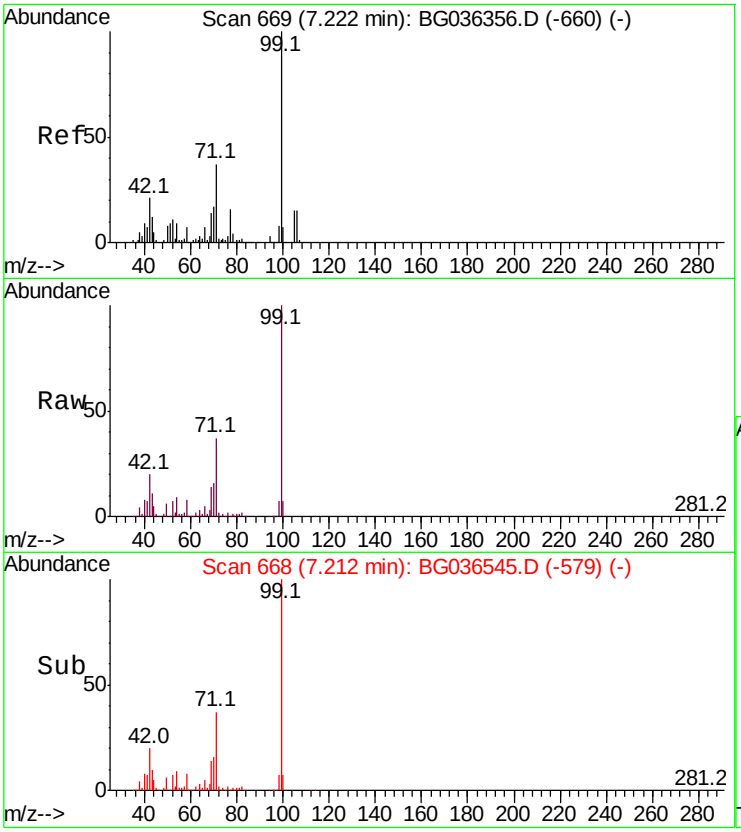


#5
2-Fluorophenol
Concen: 129.433 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:112 Resp: 502720

Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	36.5	30.8	46.2



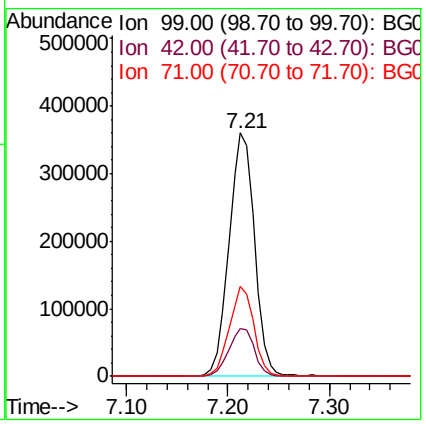


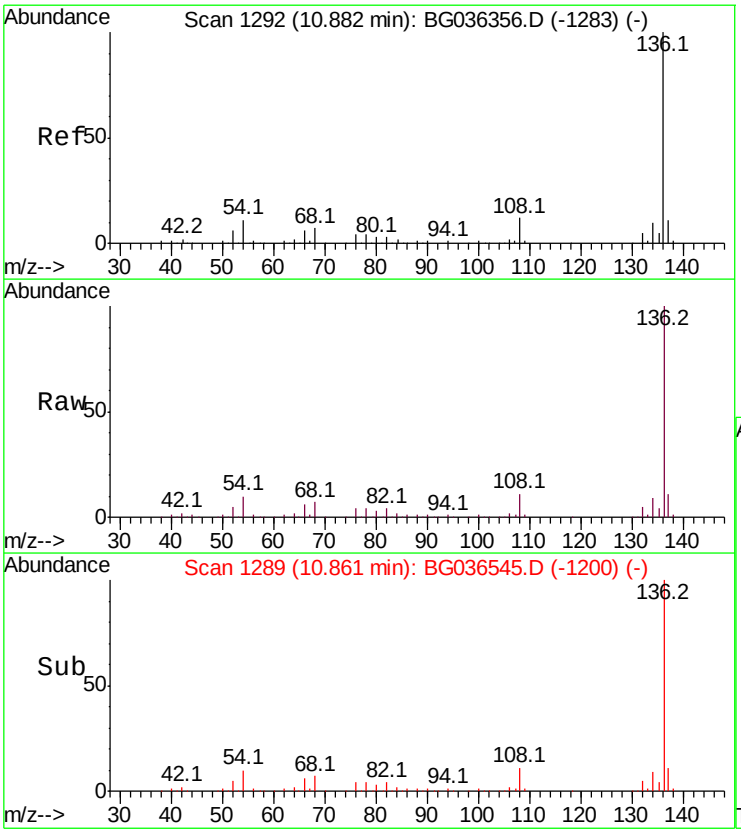
#7
Phenol-d6
Concen: 112.796 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion: 99 Resp: 627255

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.5	24.7
71	36.8	29.4	44.2

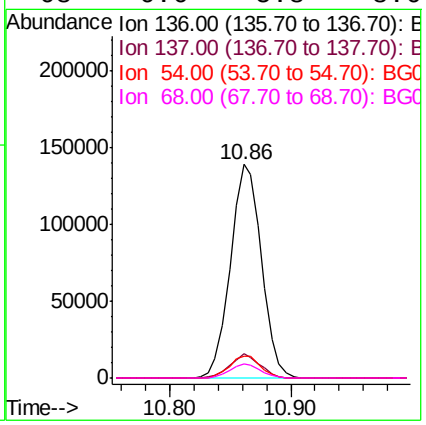


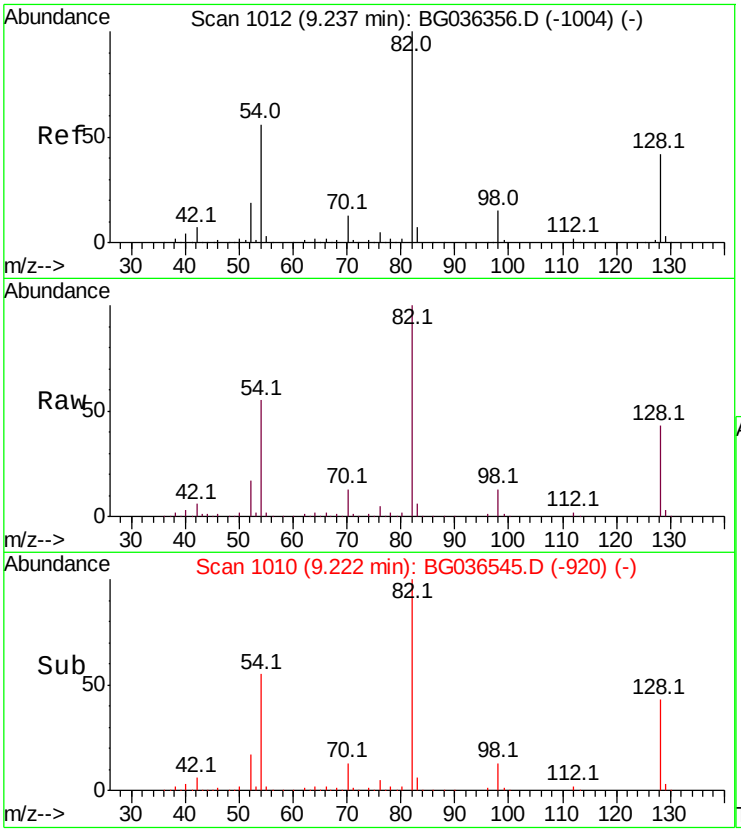


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:136 Resp: 247862

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.4	9.2	13.8
68	6.6	5.8	8.6



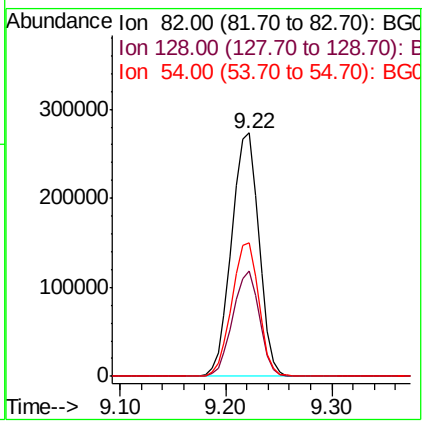


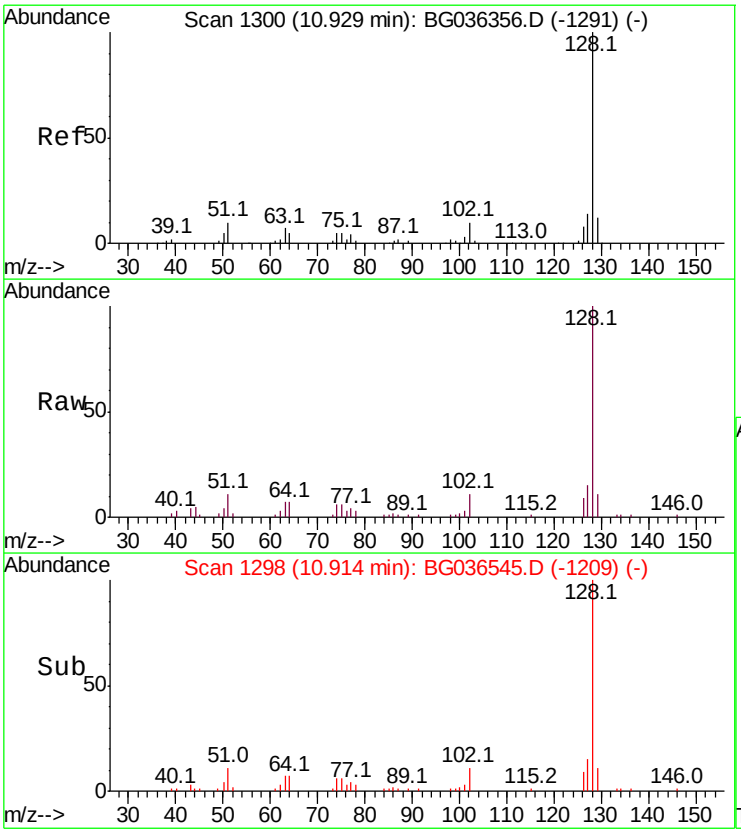
#23
Nitrobenzene-d5
Concen: 107.162 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion: 82 Resp: 489552

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	54.8	45.1	67.7

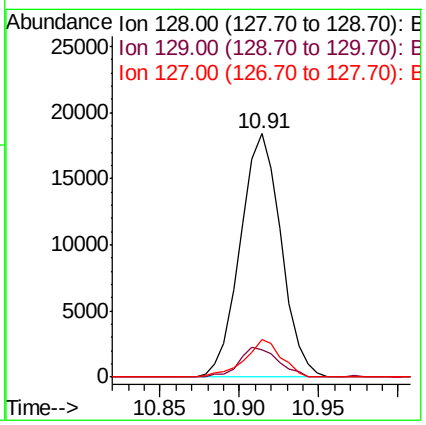


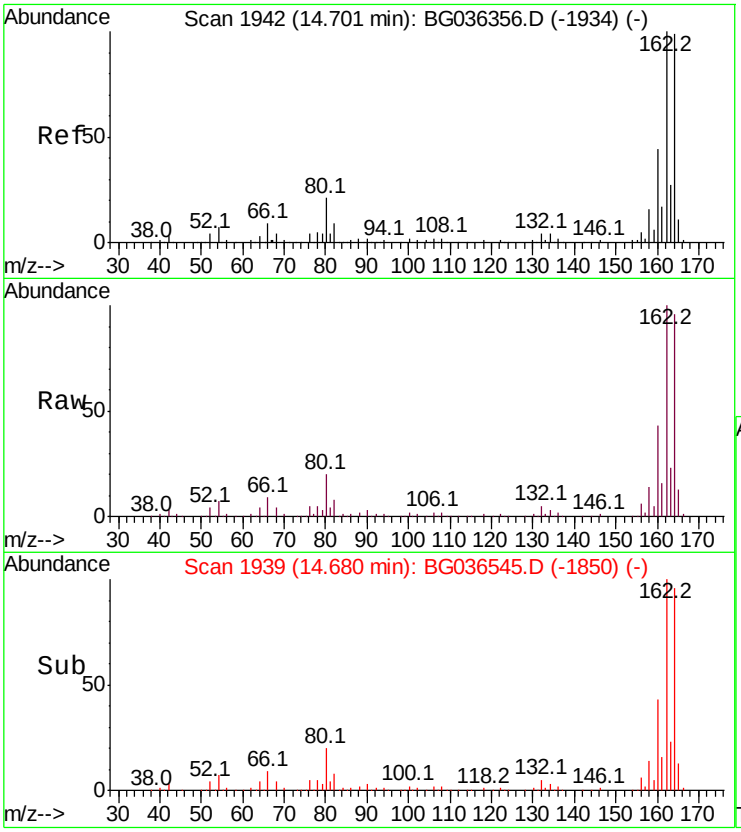


#31
Naphthalene
Concen: 2.652 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:128 Resp: 32857

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	15.4	11.0	16.4



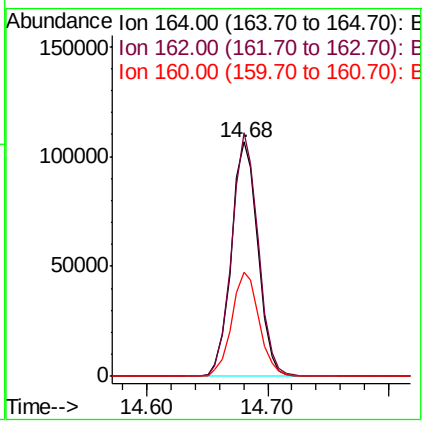


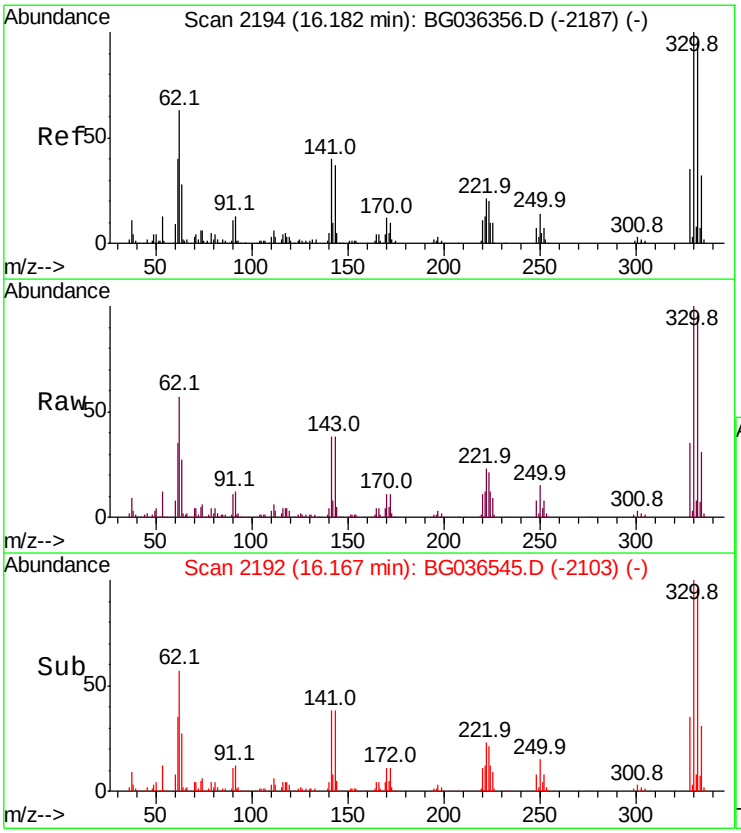
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:164 Resp: 162729

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.1	35.3	52.9

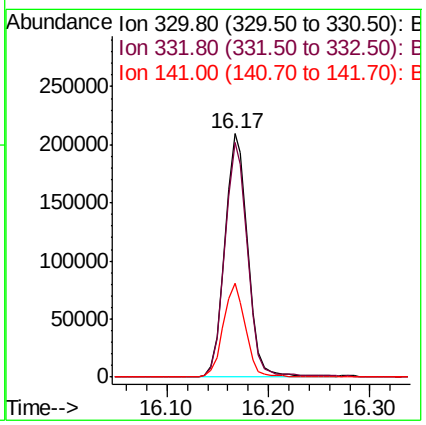


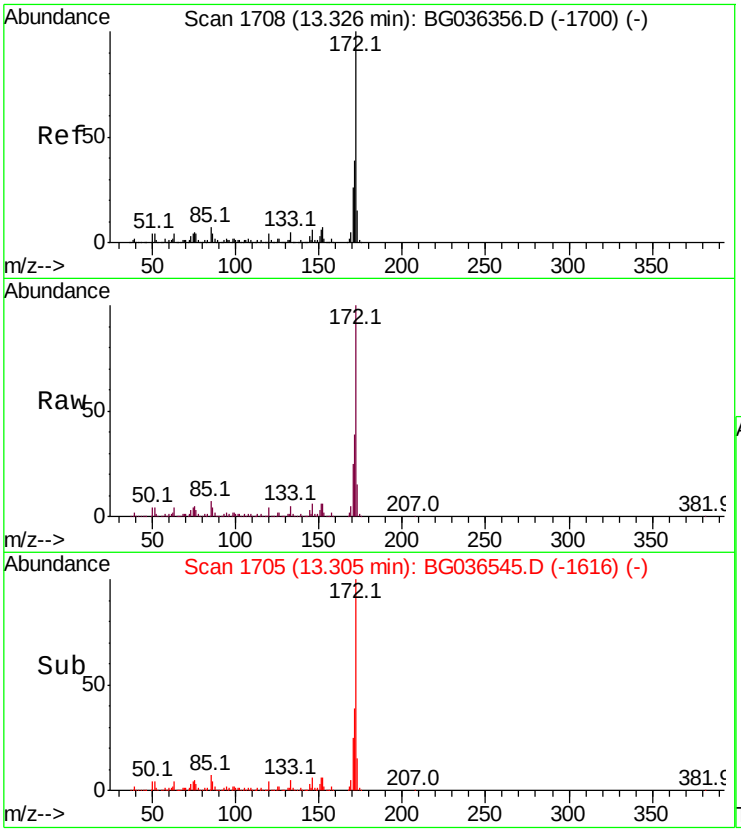


#41
2,4,6-Tribromophenol
Concen: 168.608 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:330 Resp: 327389

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	37.5	30.7	46.1



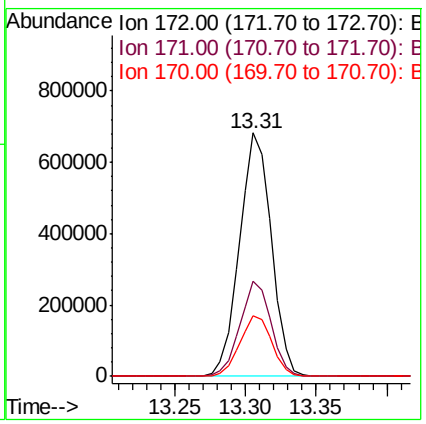


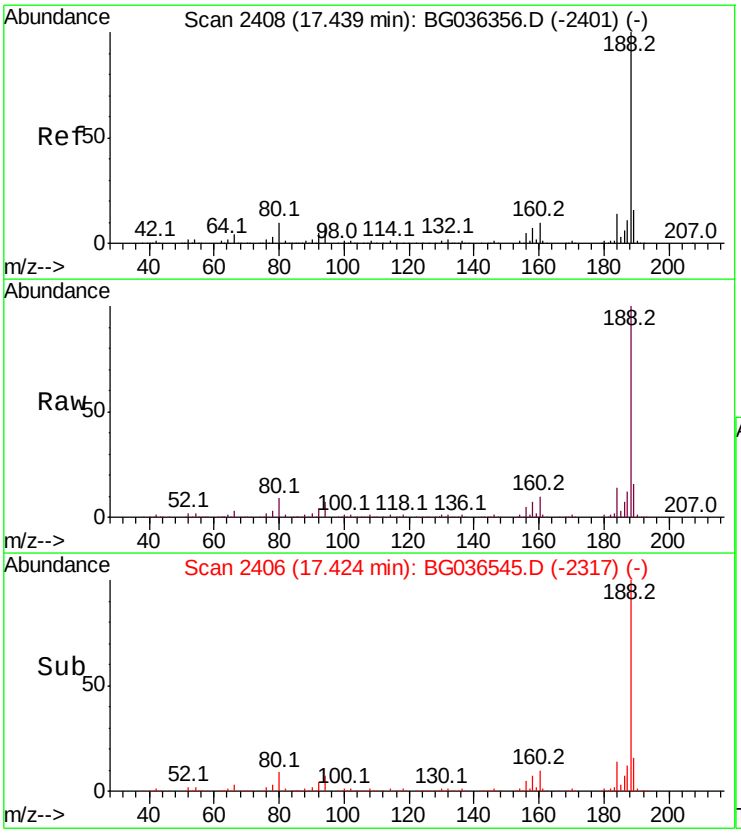
#44
2-Fluorobiphenyl
Concen: 94.609 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:172 Resp: 1078258

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.1	21.0	31.6

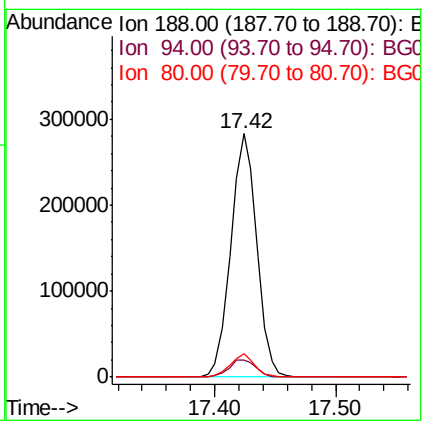


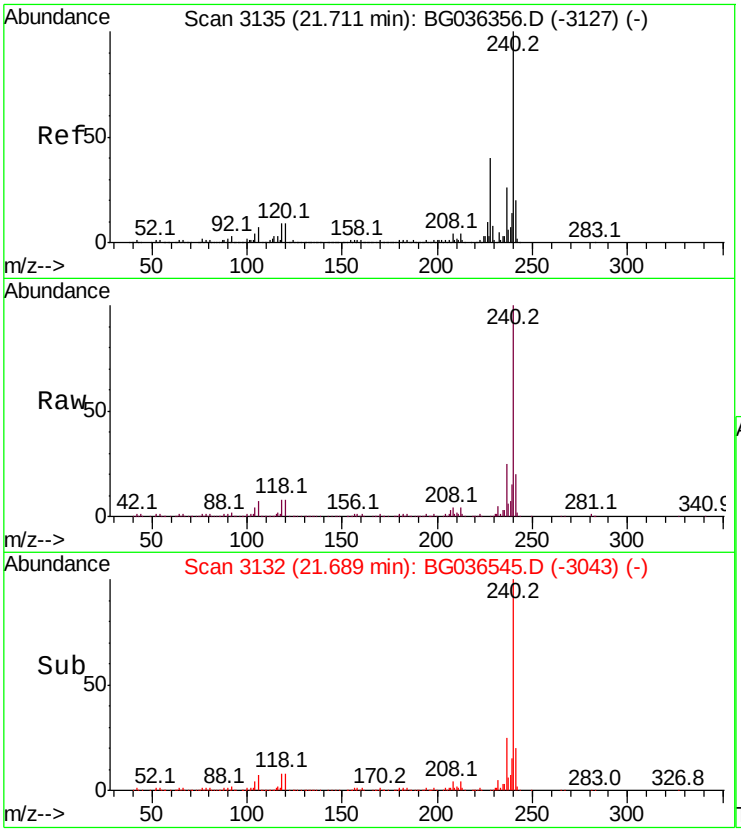


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:188 Resp: 423348

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	9.4	8.1	12.1



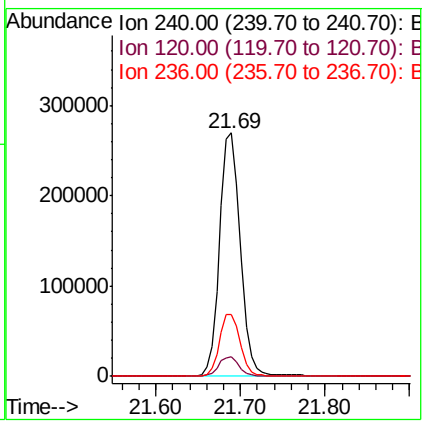


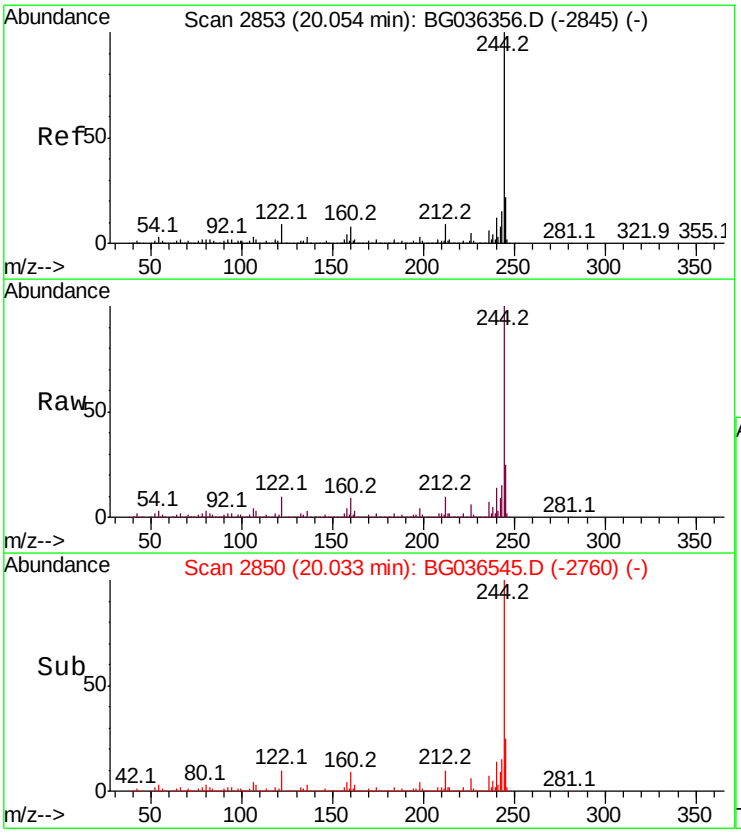
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:240 Resp: 462469

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	25.5	21.2	31.8

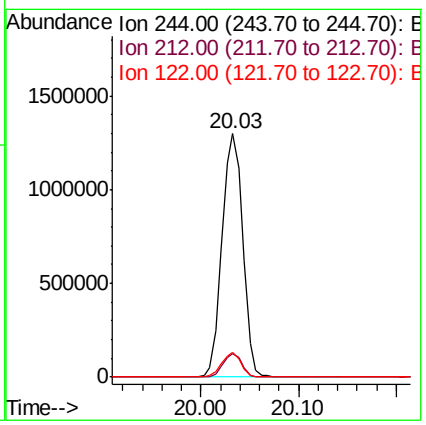


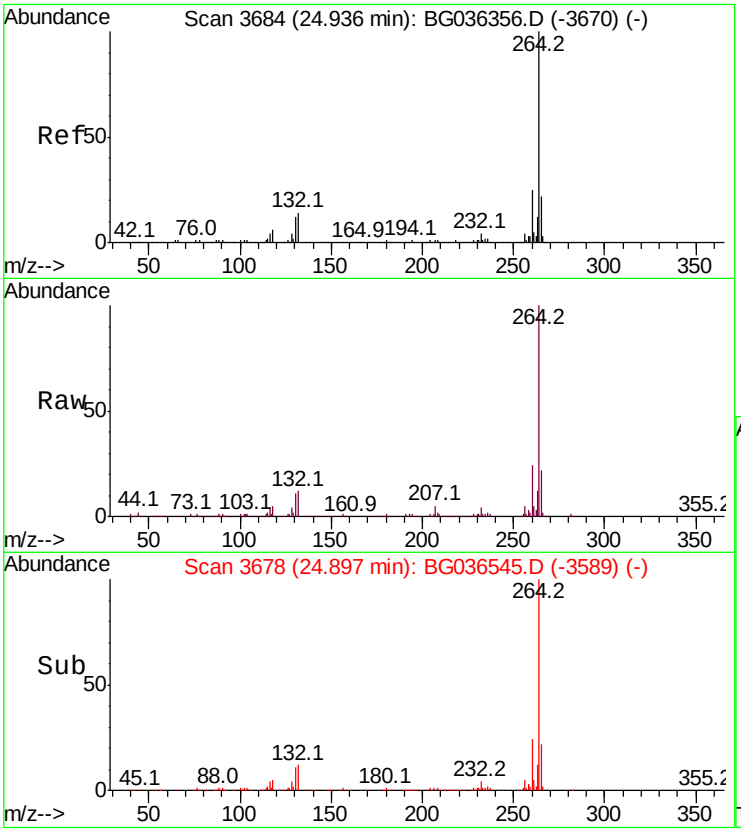


#78
Terphenyl-d14
Concen: 96.813 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Tgt Ion:244 Resp: 1915559

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.6
122	10.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036545.D
Acq: 5 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:264 Resp: 437430

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.9	17.4	26.0