Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032127.D
Acq On : 18 Jan 2018 7:46
Operator : SJ/JU
Sample : J1167-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-2

Quant Time: Jan 18 10:14:20 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	52131	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	202809	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	137561	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	372245	20.00	ng	0.00
75) Chrysene-d12	22.45	240	468531	20.00	ng	0.00
86) Perylene-d12	26.16	264	503383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	393496	138.05	ng	0.00
7) Phenol-d6	7.85	99	436014	121.46	ng	0.00
23) Nitrobenzene-d5	9.94	82	330538	110.26	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	374915	164.70	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1108958	99.96	ng	0.00
78) Terphenyl-d14	20.65	244	2157542	101.68	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.67	128	70503	7.018	ng	99

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

Quantitation Report (QT Reviewed)

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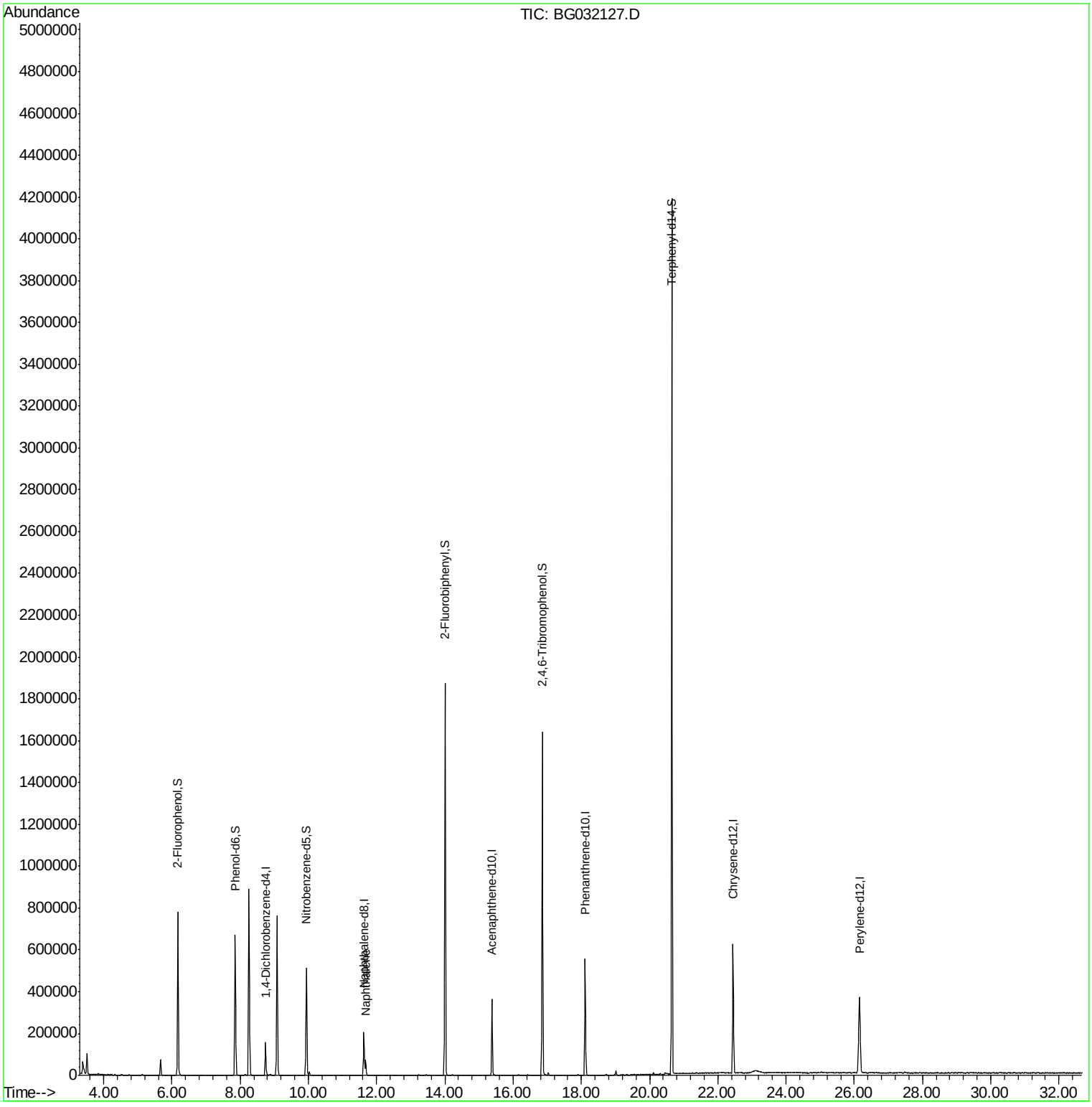
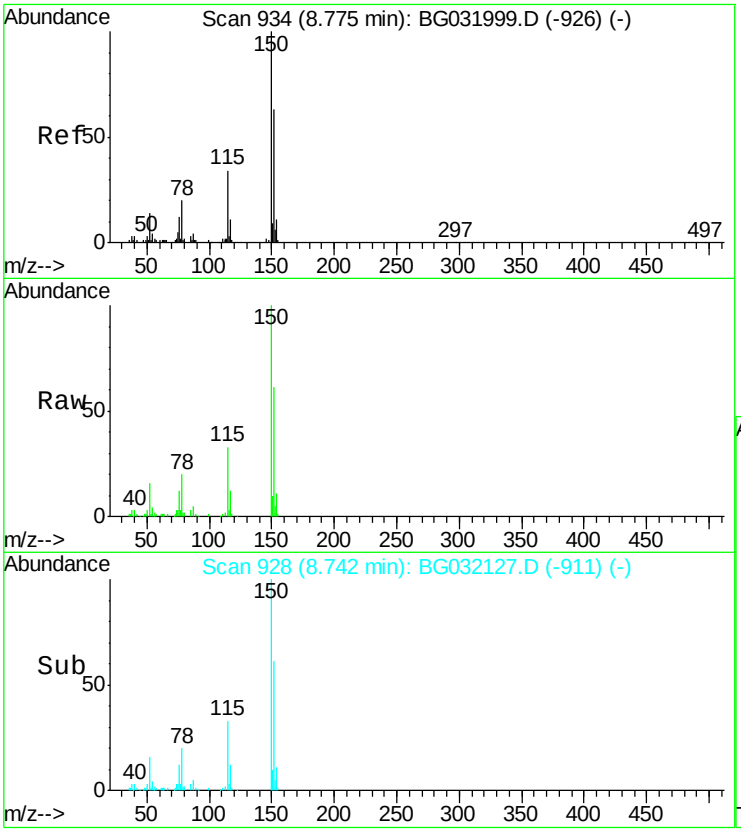


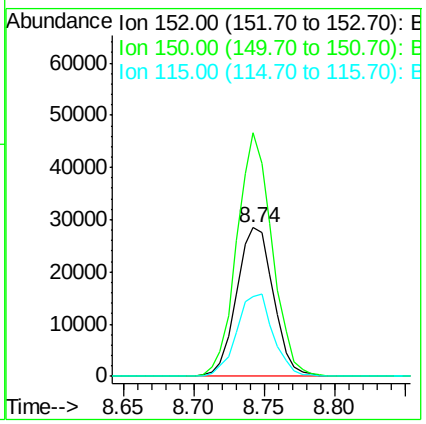


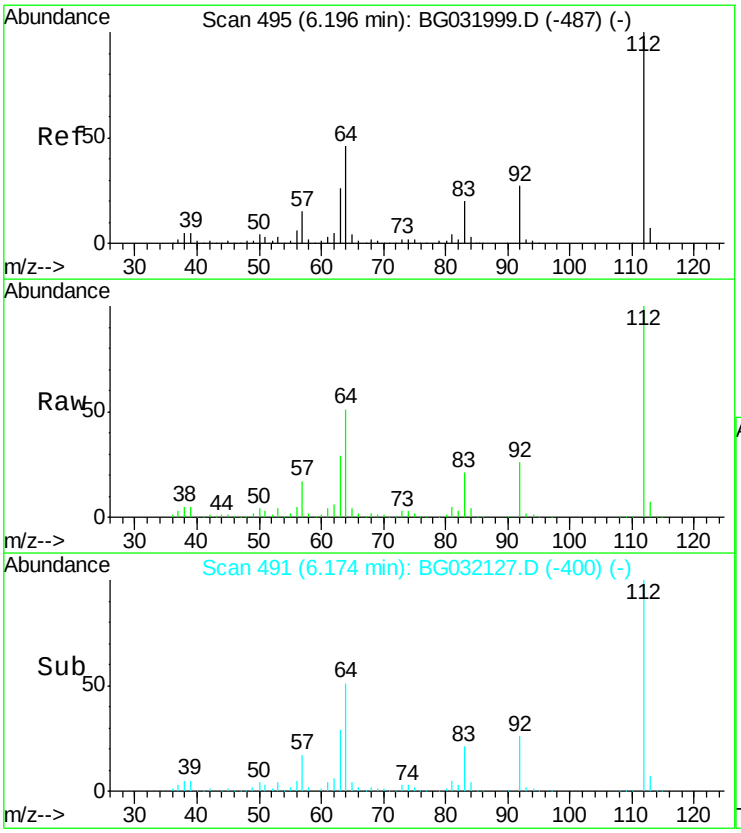
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 52131

Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.6	189.8
115	53.6	53.0	79.4

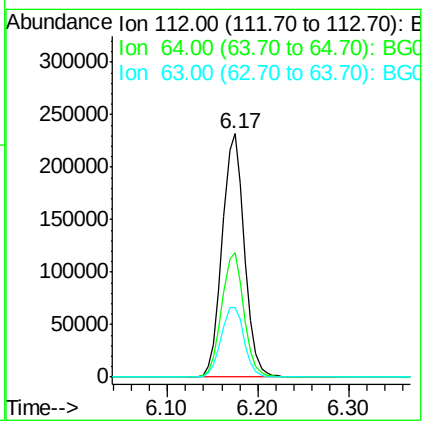


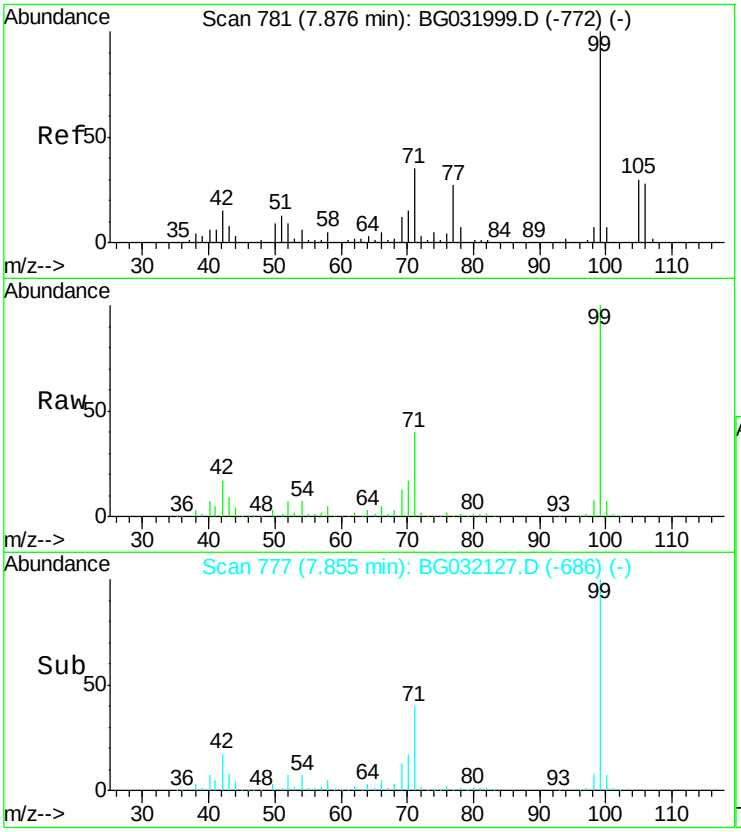


#5
2-Fluorophenol
Concen: 138.052 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.01 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:112 Resp: 393496

Ion	Ratio	Lower	Upper
112	100		
64	51.3	56.3	84.5#
63	28.6	30.1	45.1#



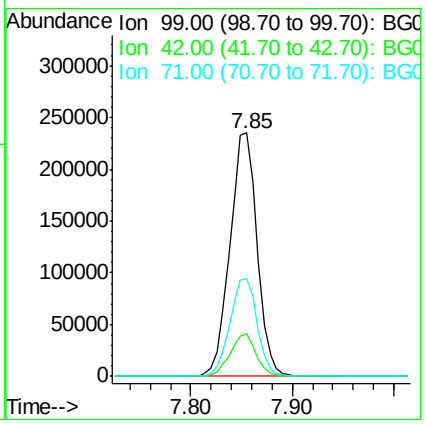


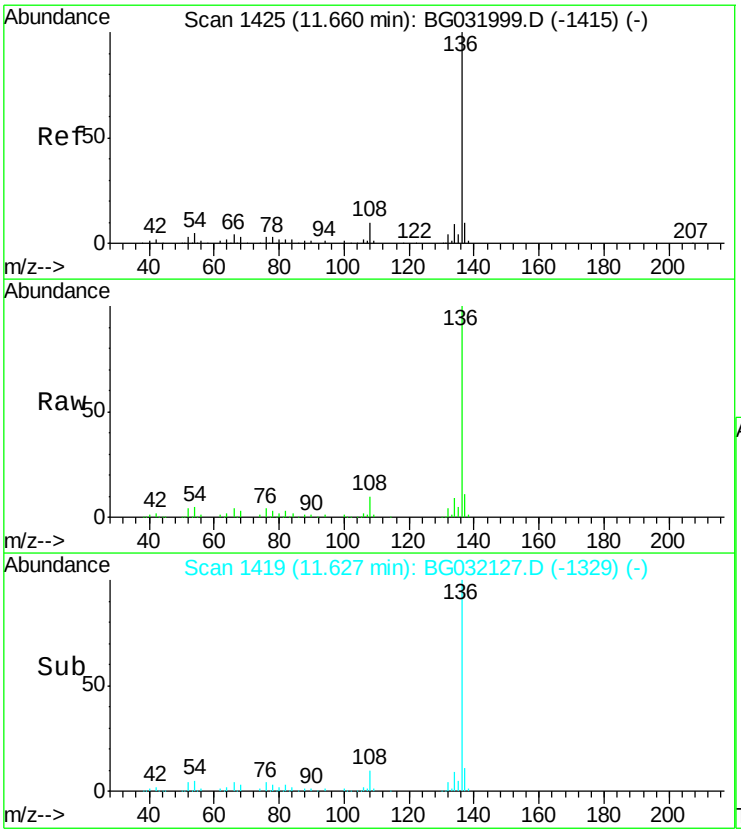
#7
Phenol-d6
Concen: 121.458 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.01 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion: 99 Resp: 436014

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	40.0	26.1	39.1#

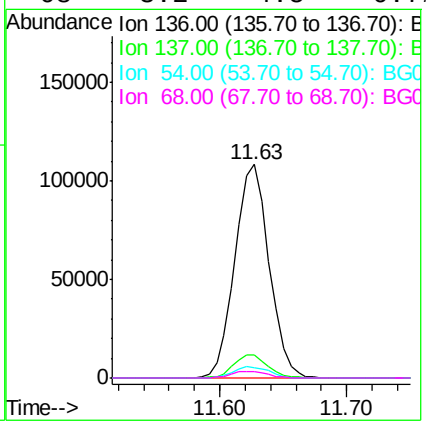


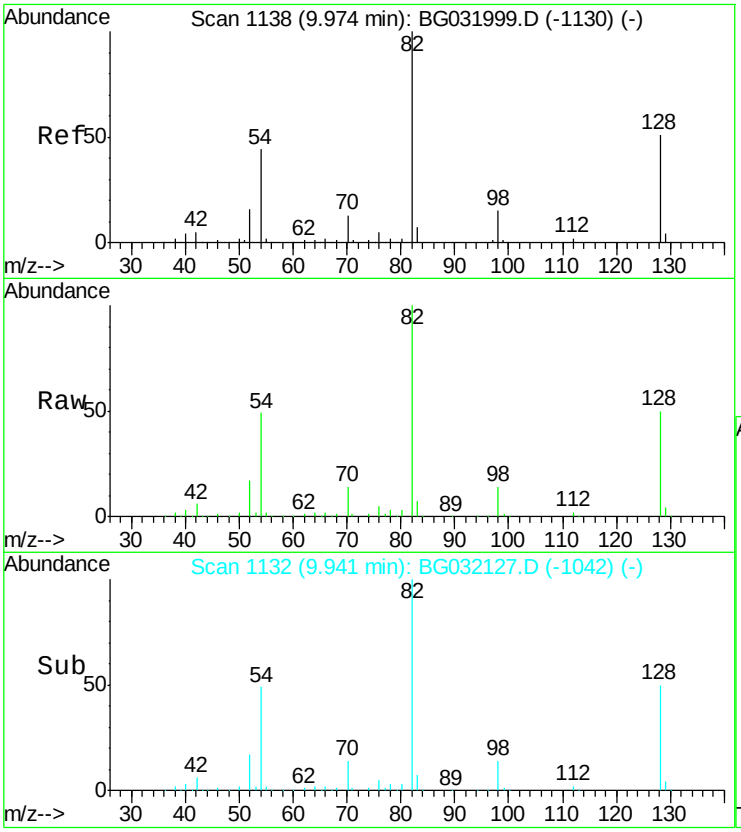


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:136 Resp: 202809

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.8	10.3	15.5#
68	3.2	4.5	6.7#



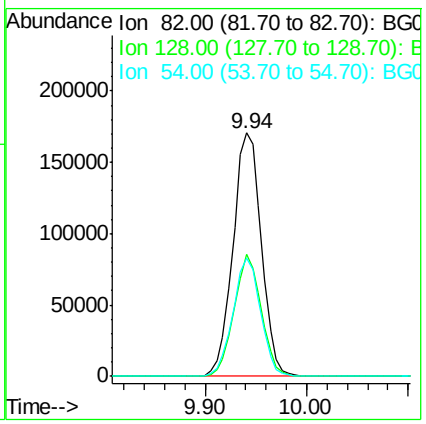


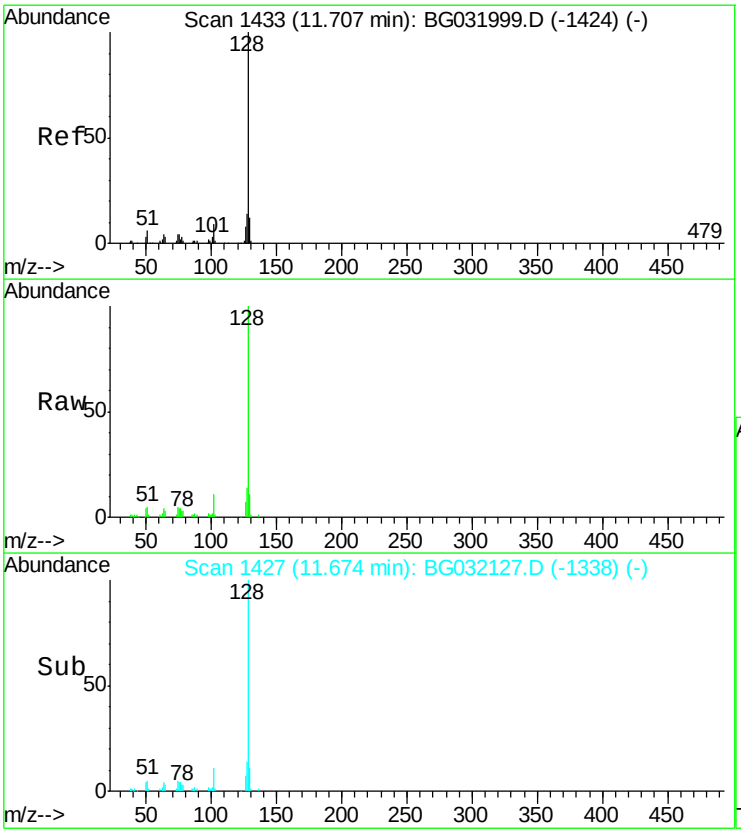
#23
Nitrobenzene-d5
Concen: 110.263 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 330538

Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	48.8	43.1	64.7

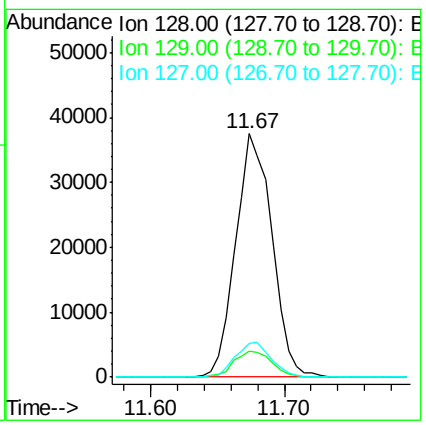


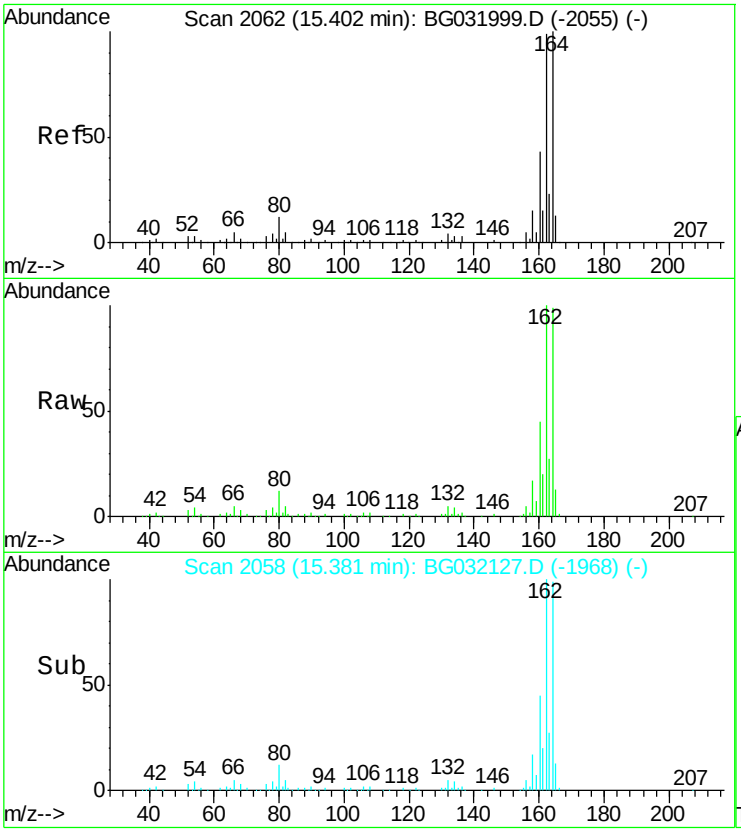


#31
Naphthalene
Concen: 7.018 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:128 Resp: 70503

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.8	11.6	17.4



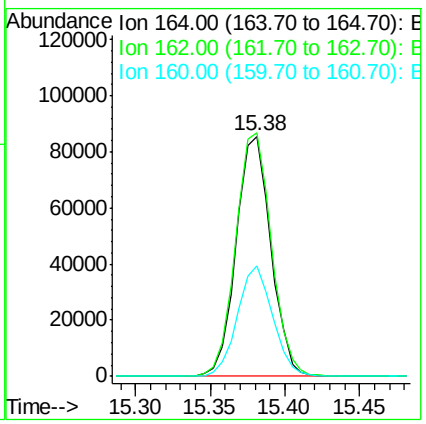


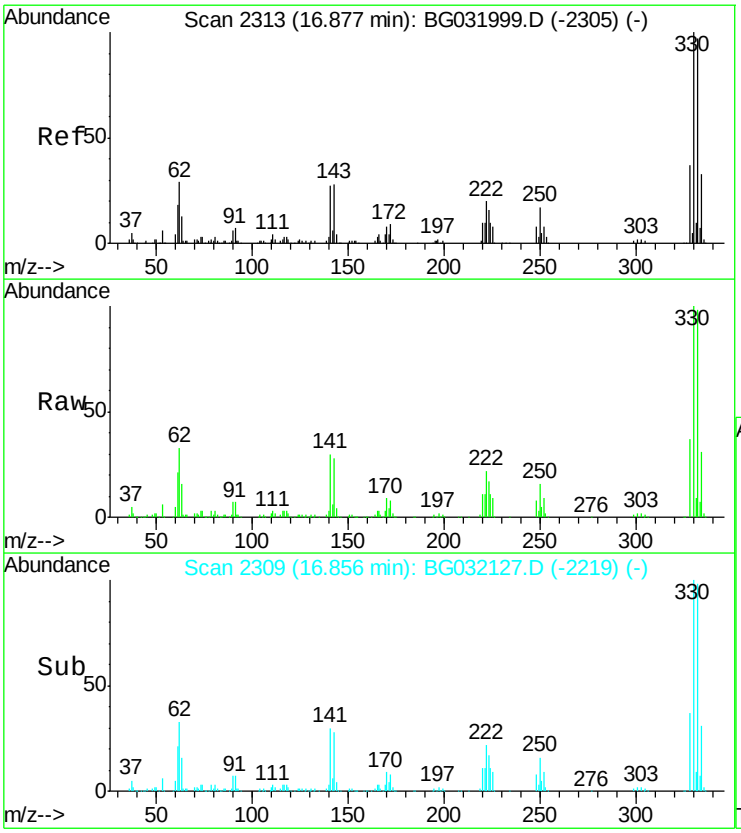
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:164 Resp: 137561

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	46.0	35.4	53.0

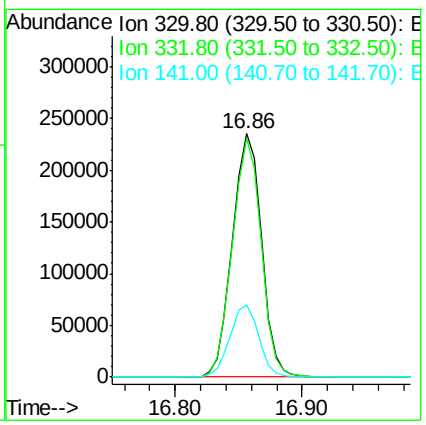


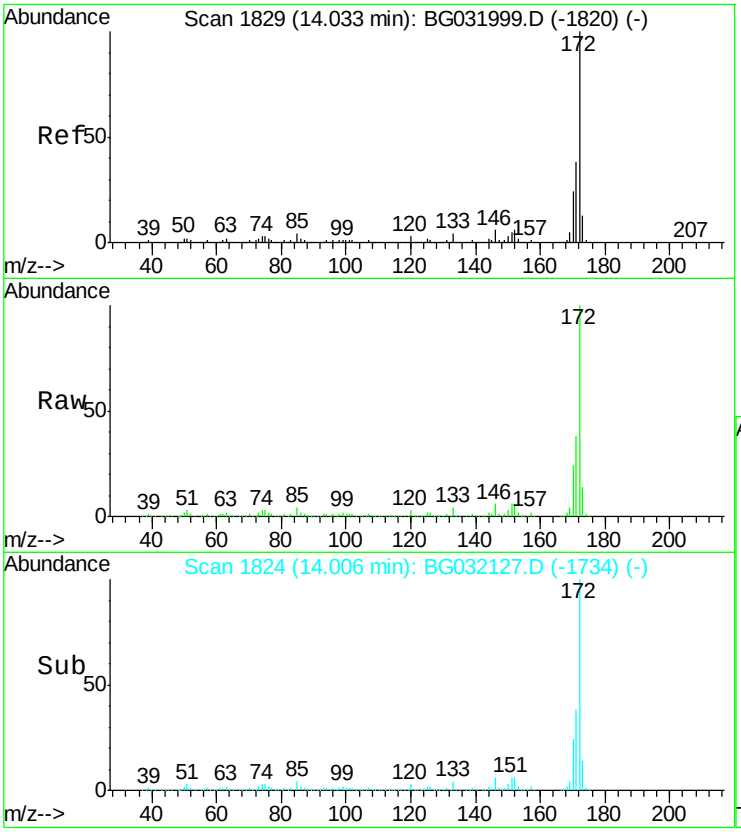


#41
2,4,6-Tribromophenol
Concen: 164.703 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:330 Resp: 374915

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.5	25.2	37.8



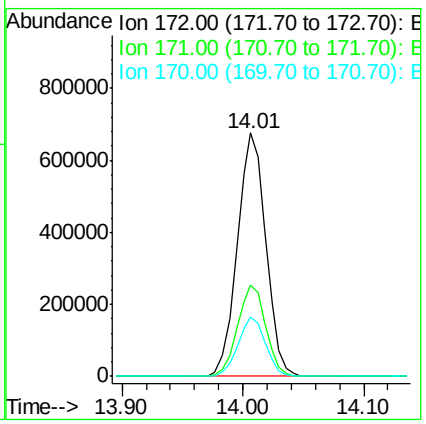


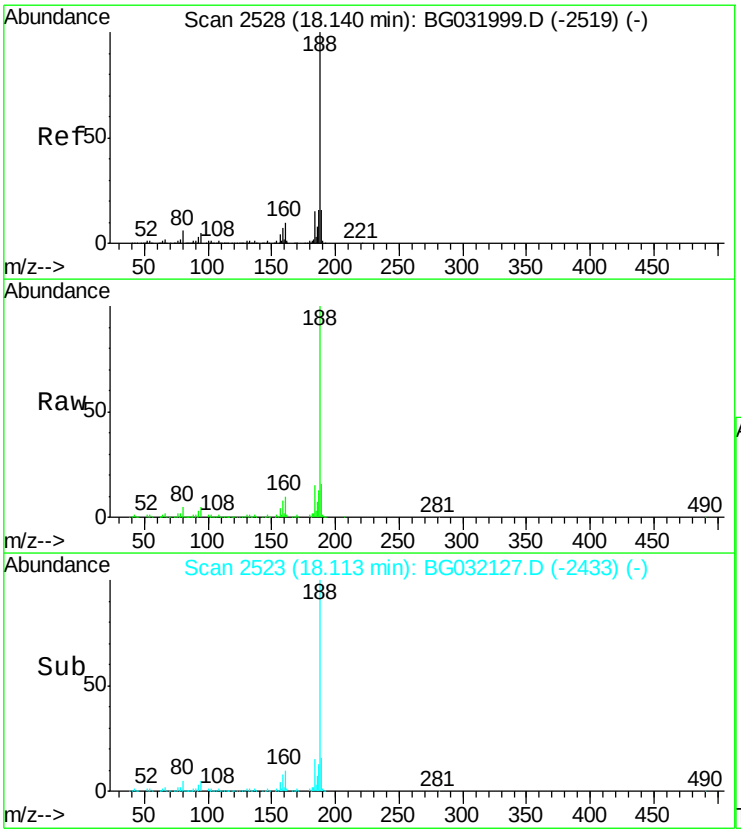
#44
2-Fluorobiphenyl
Concen: 99.960 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:172 Resp: 1108958

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

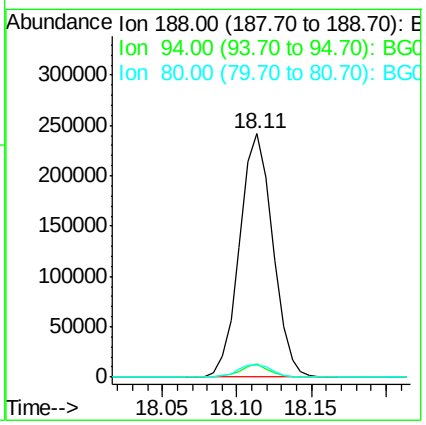


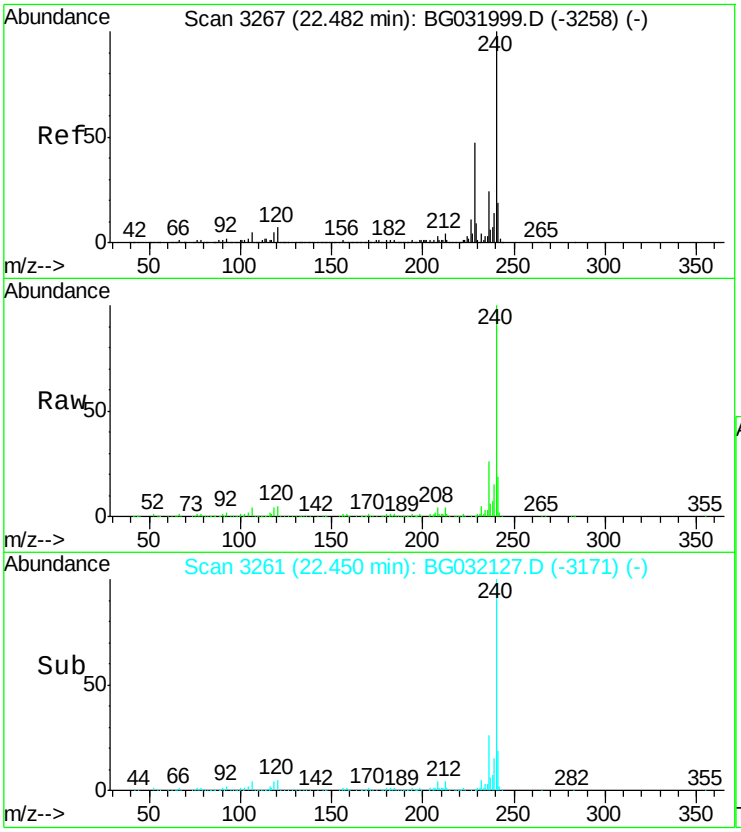


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:188 Resp: 372245

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.0	7.7	11.5#



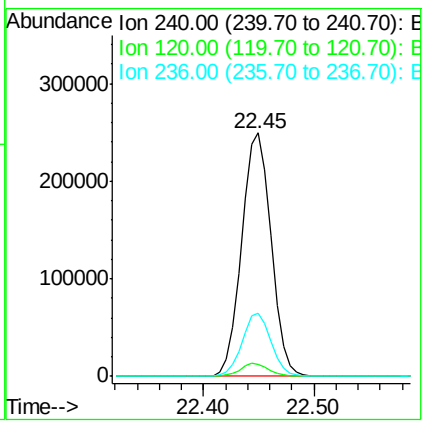


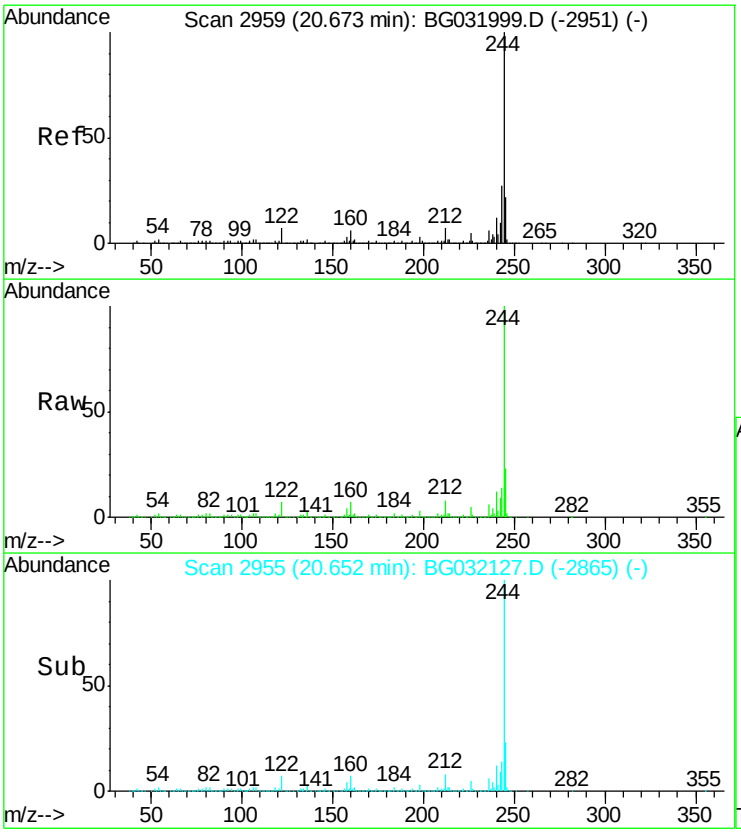
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:240 Resp: 468531

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.8	20.9	31.3

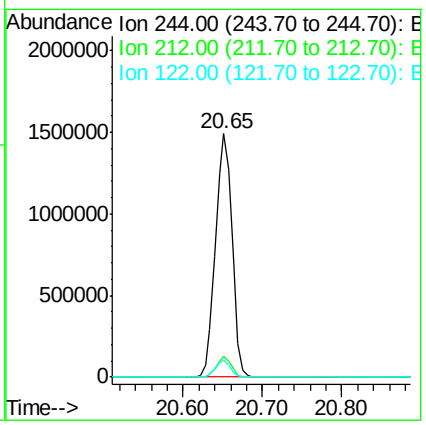


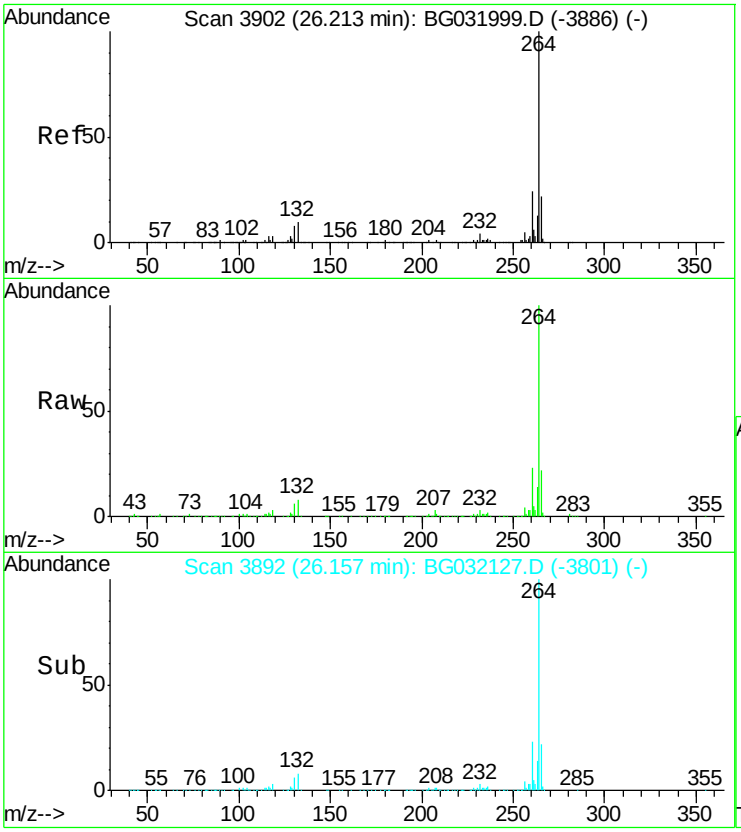


#78
Terphenyl-d14
Concen: 101.678 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Tgt Ion:244 Resp: 2157542

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.16 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BG032127.D
Acq: 18 Jan 2018 7:46

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:264 Resp: 503383

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	17.7	26.5