Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032292.D
Acq On : 25 Jan 2018 11:25
Operator : SJ/JU
Sample : J1266-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-198

Quant Time: Jan 25 12:11:51 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	39089	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	150768	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	106061	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290180	20.00	ng	0.00
75) Chrysene-d12	22.42	240	377203	20.00	ng	0.00
86) Perylene-d12	26.10	264	402347	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	283512	132.65	ng	0.00
7) Phenol-d6	7.84	99	322009	119.63	ng	0.00
23) Nitrobenzene-d5	9.92	82	237038	106.37	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	277836	158.31	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	837134	97.87	ng	0.00
78) Terphenyl-d14	20.63	244	1748350	102.34	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.65	128	164658	22.046	ng	99

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

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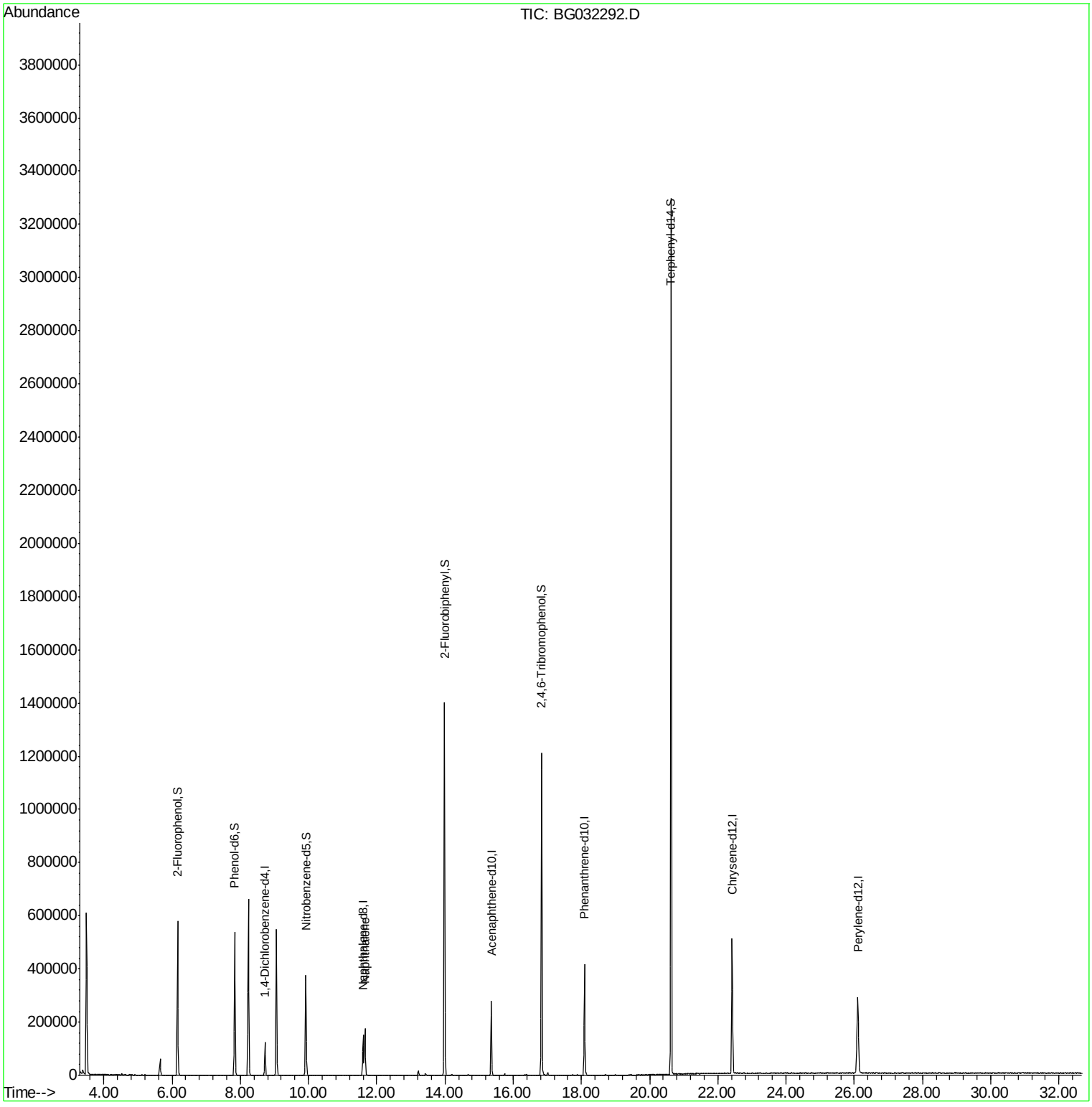
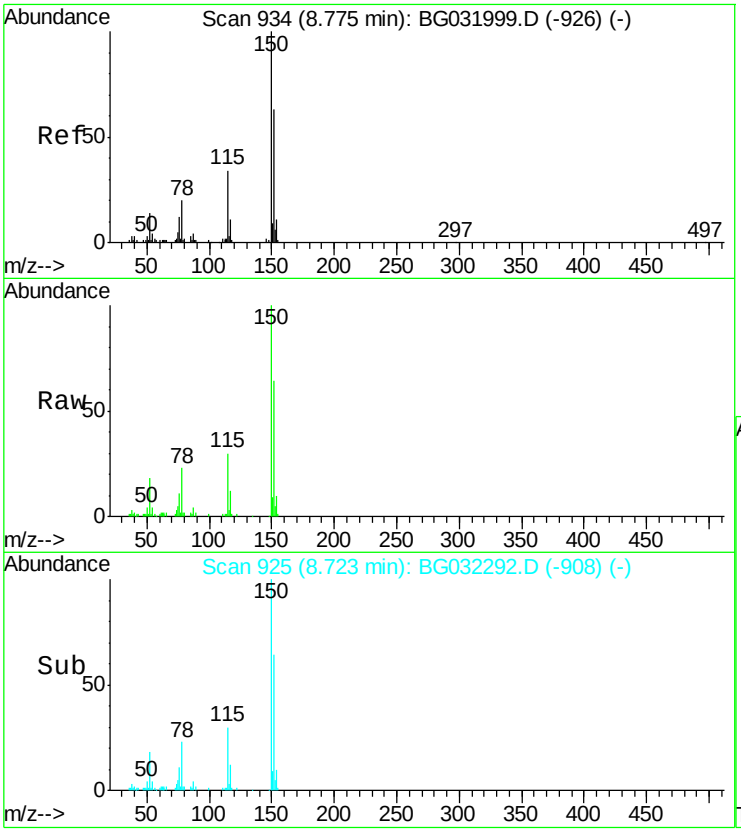


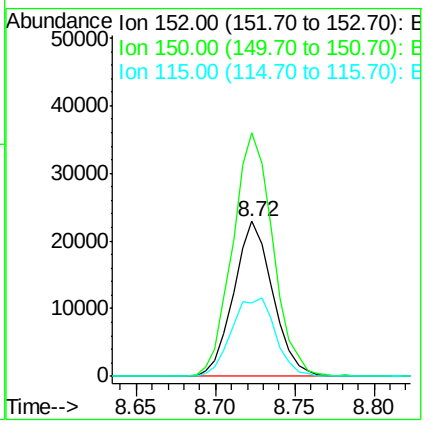


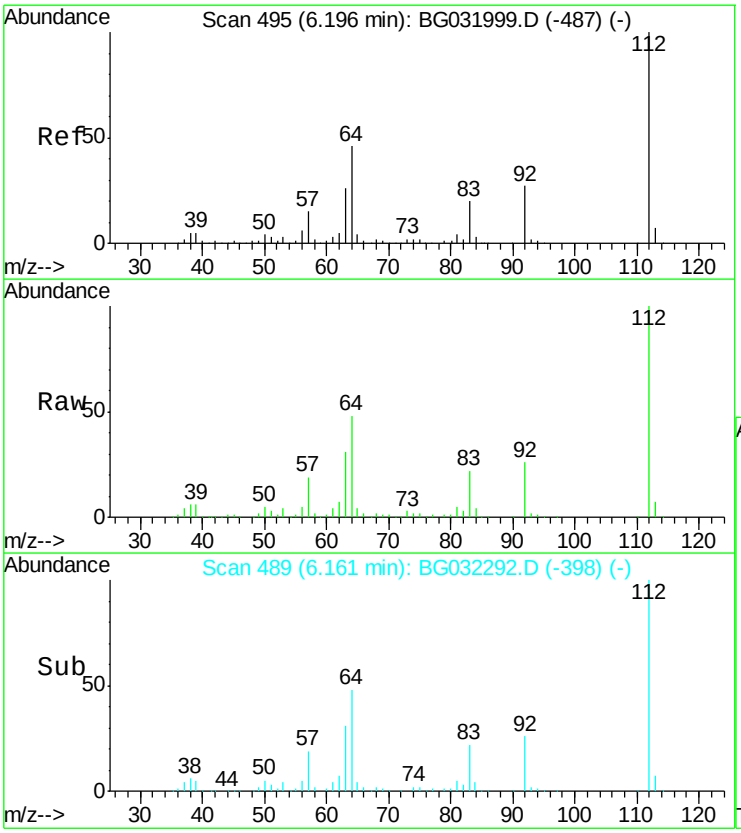
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:152 Resp: 39089

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	47.8	53.0	79.4#

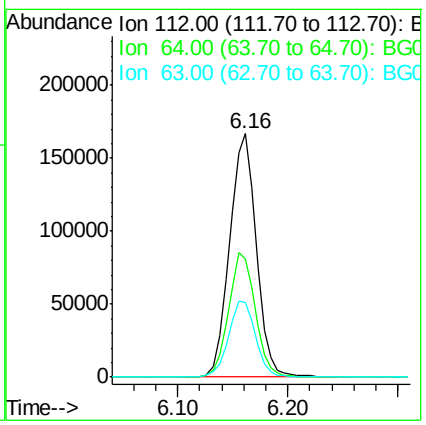


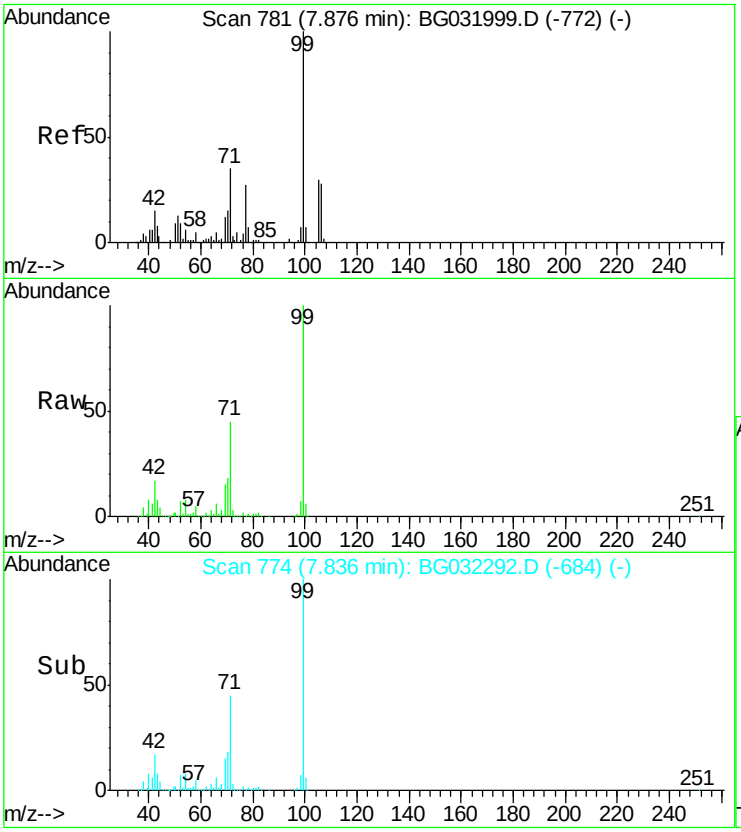


#5
2-Fluorophenol
Concen: 132.652 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:112 Resp: 283512

Ion	Ratio	Lower	Upper
112	100		
64	48.4	56.3	84.5#
63	30.7	30.1	45.1



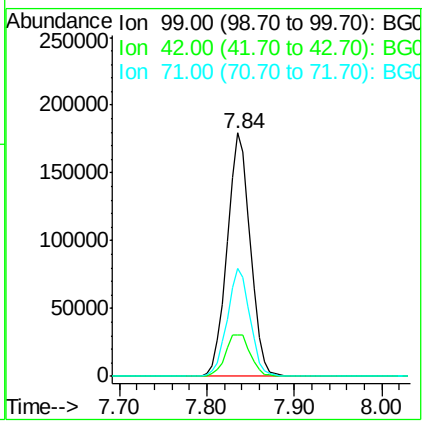


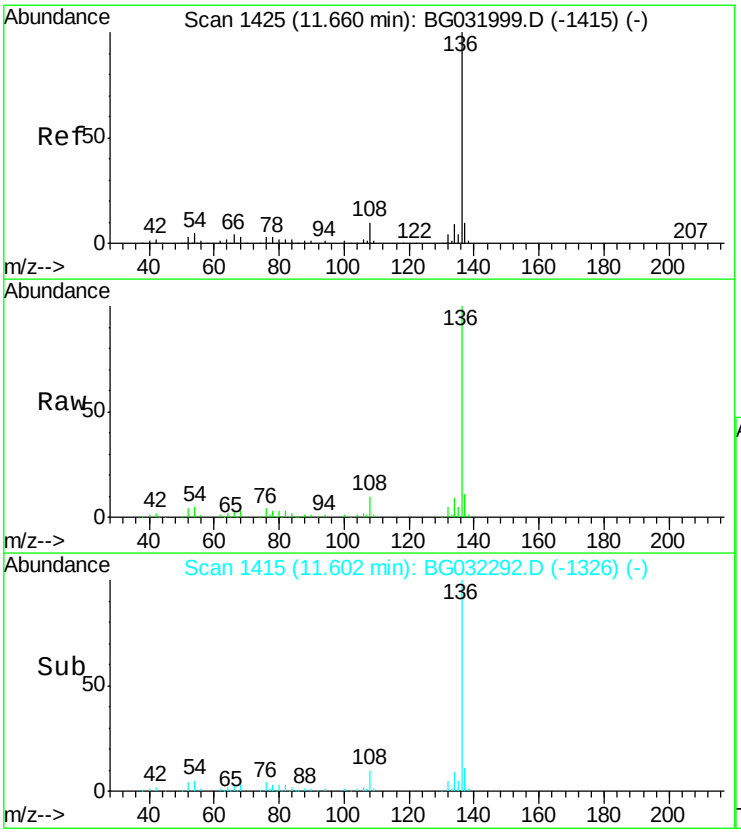
#7
Phenol-d6
Concen: 119.629 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion: 99 Resp: 322009

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	44.5	26.1	39.1#

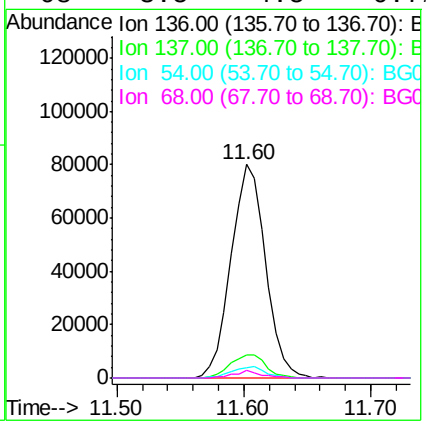


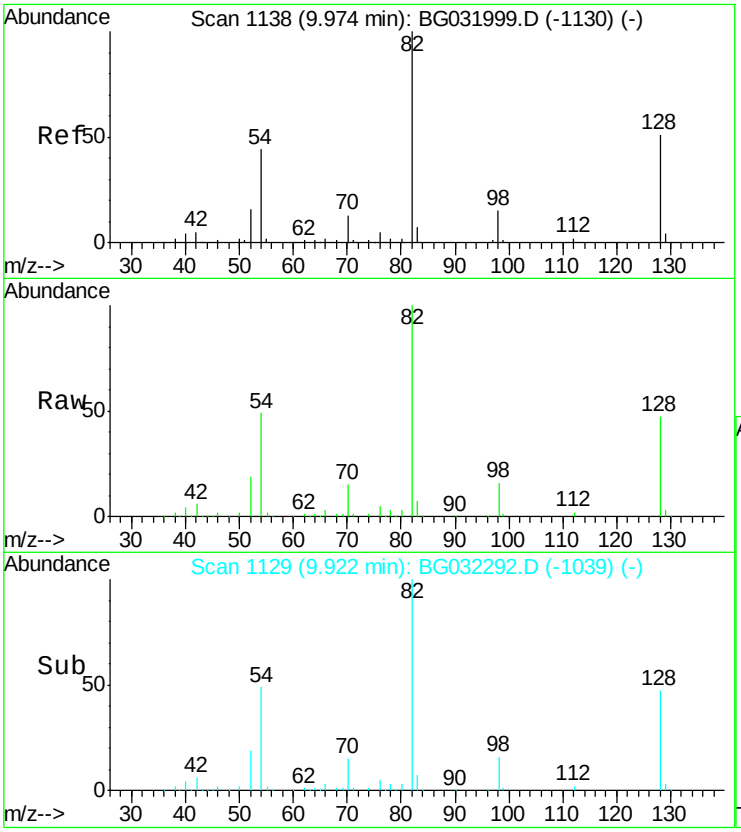


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:136 Resp: 150768

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.0	10.3	15.5#
68	3.5	4.5	6.7#



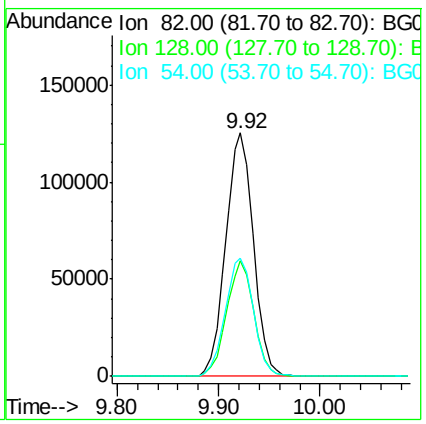


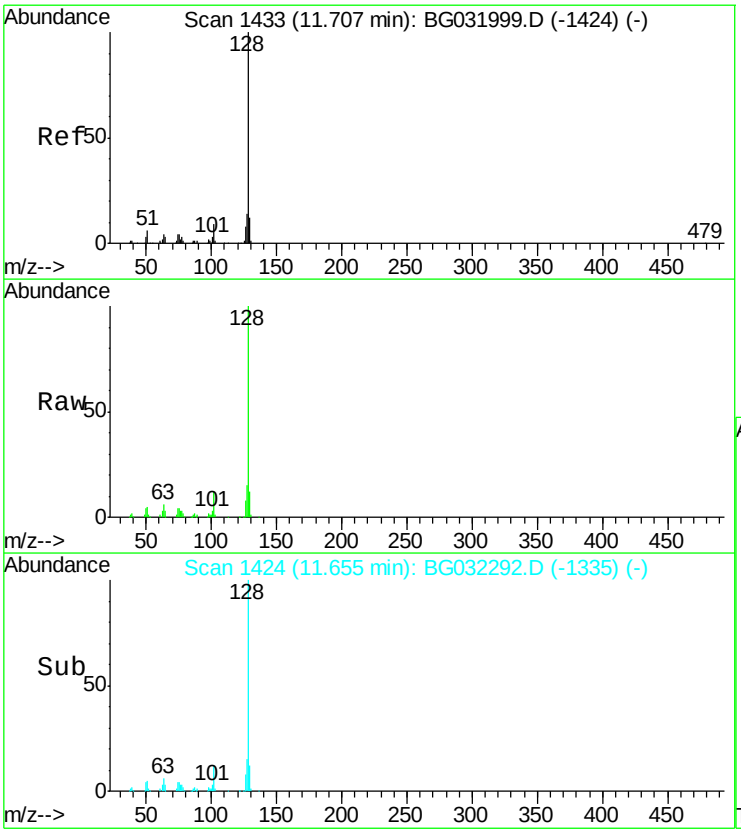
#23
Nitrobenzene-d5
Concen: 106.366 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion: 82 Resp: 237038

Ion	Ratio	Lower	Upper
82	100		
128	47.3	29.7	44.5#
54	48.6	43.1	64.7

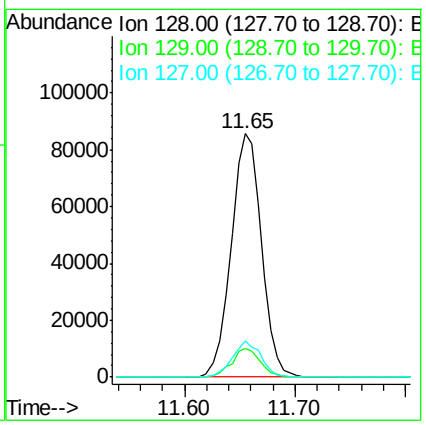


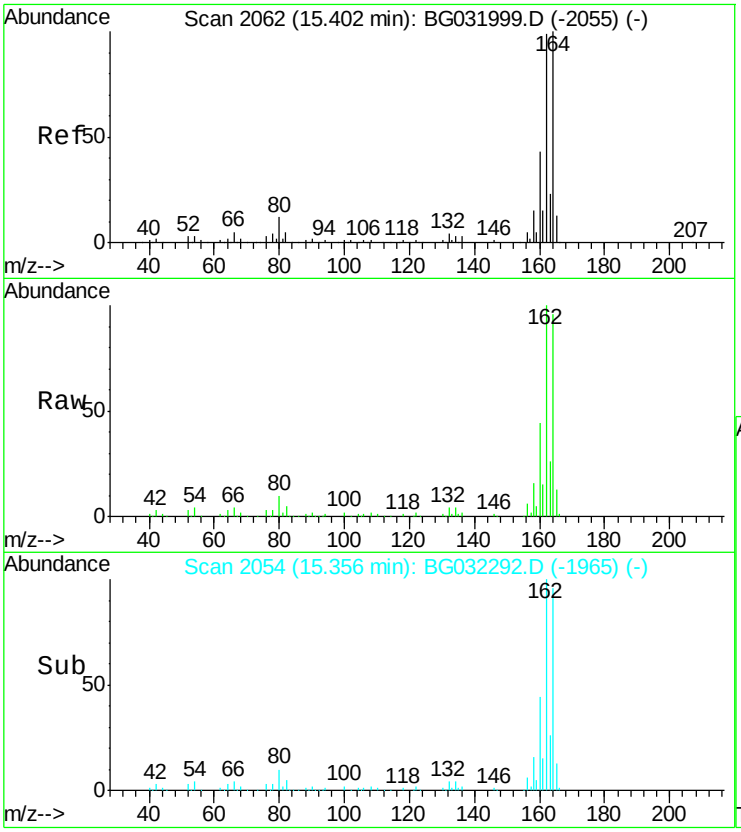


#31
Naphthalene
Concen: 22.046 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:128 Resp: 164658

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.9	11.6	17.4



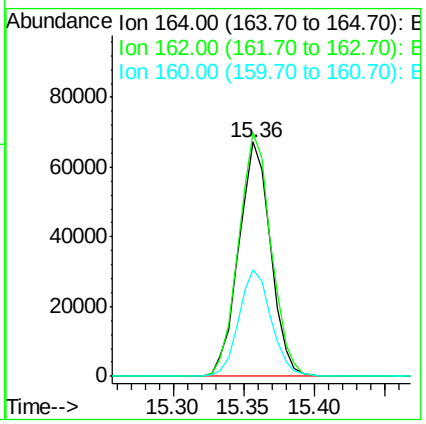


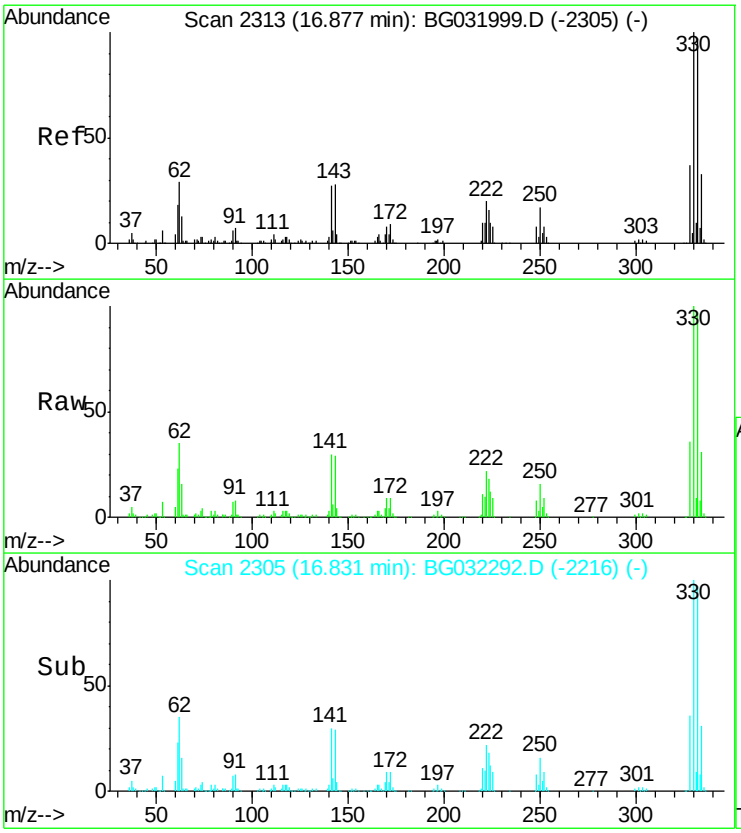
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:164 Resp: 106061

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.4	35.4	53.0

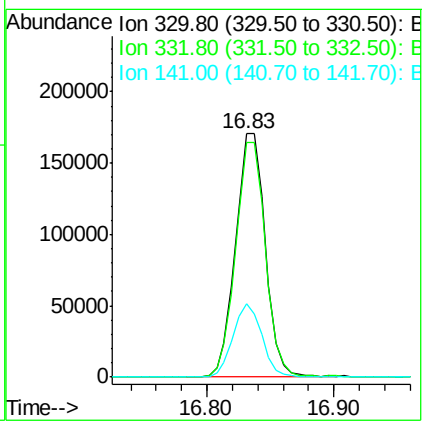


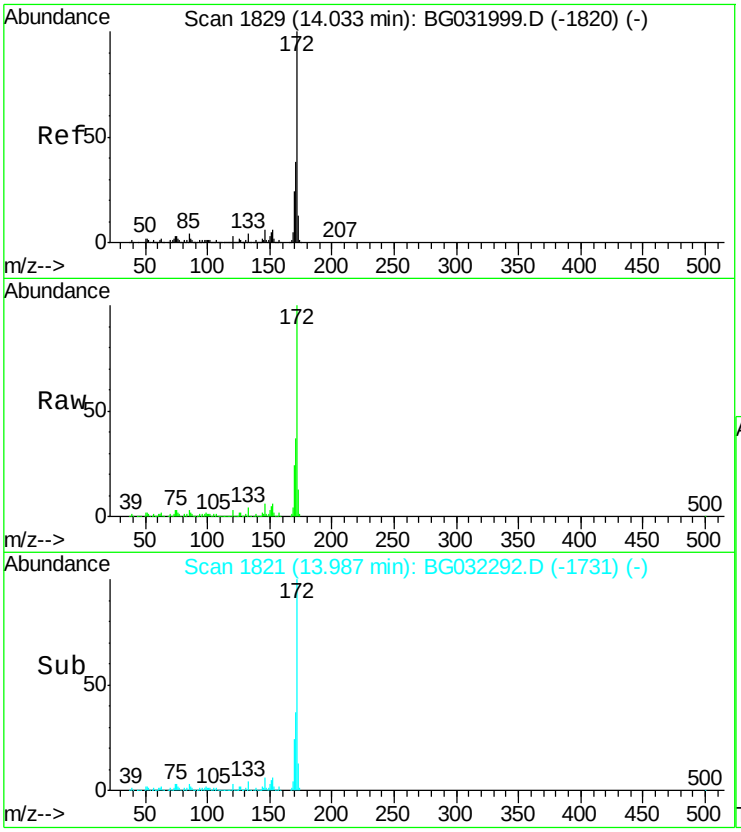


#41
2,4,6-Tribromophenol
Concen: 158.306 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:330 Resp: 277836

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.3	25.2	37.8



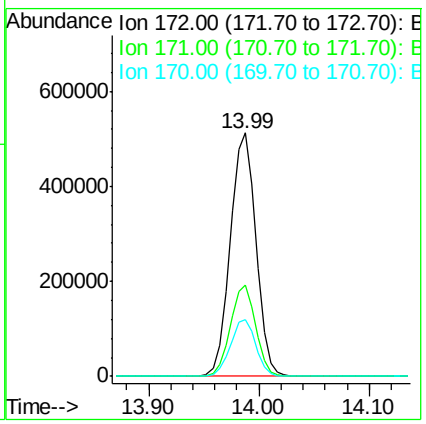


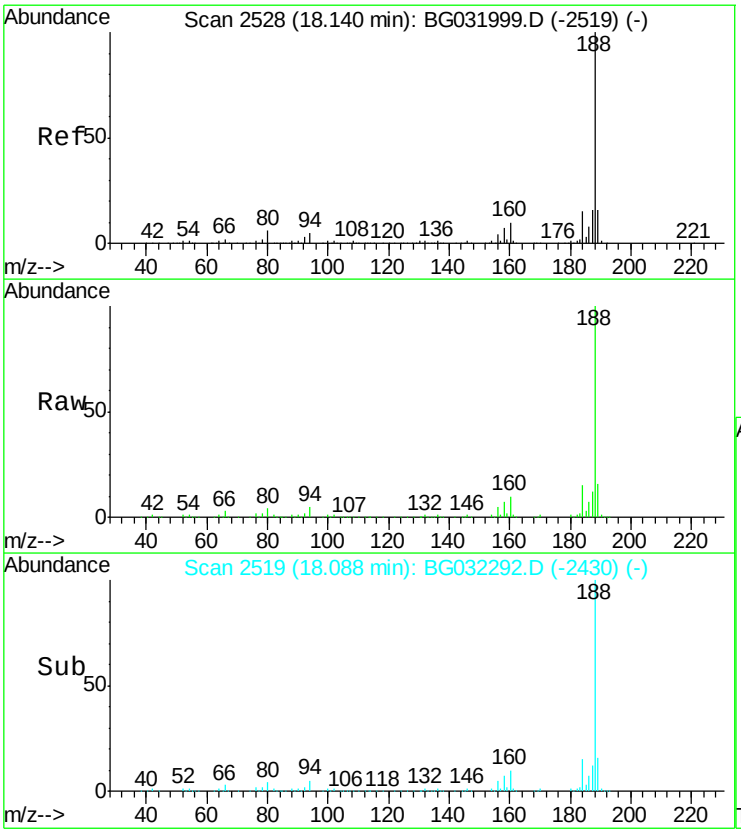
#44
2-Fluorobiphenyl
Concen: 97.869 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:172 Resp: 837134

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.6	19.5	29.3

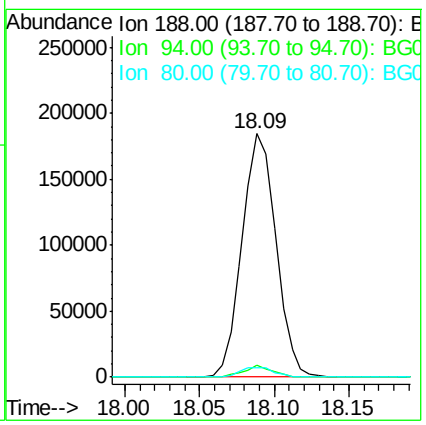


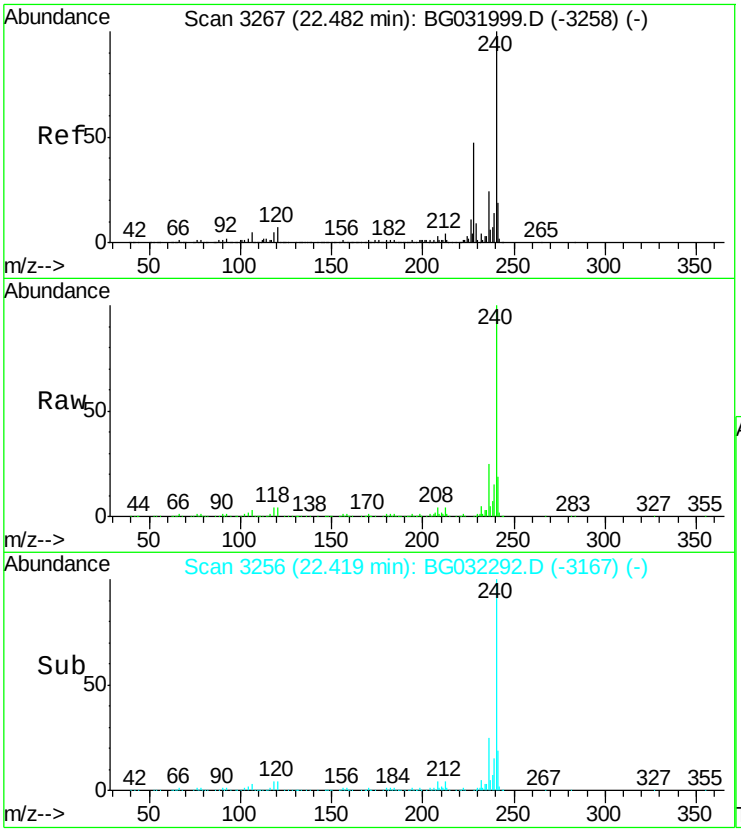


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:188 Resp: 290180

Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	3.9	7.7	11.5#



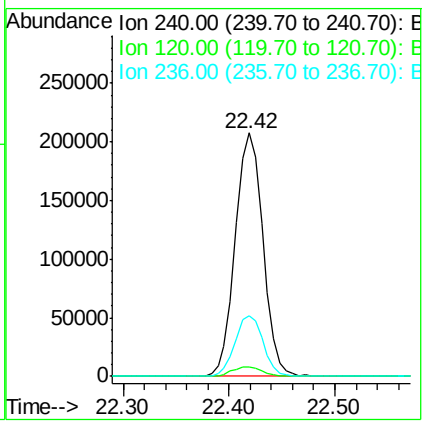


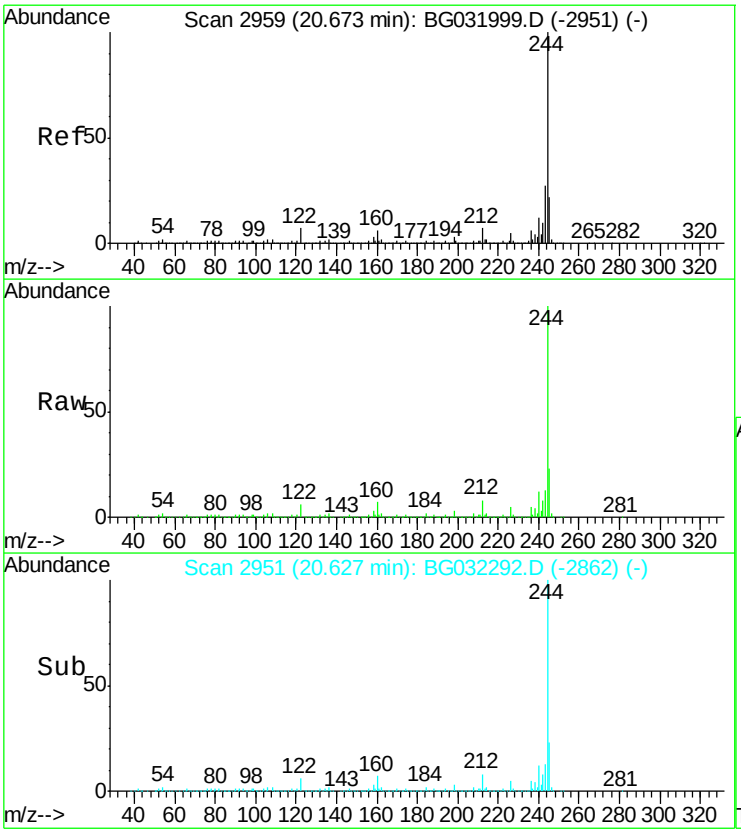
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:240 Resp: 377203

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	24.7	20.9	31.3

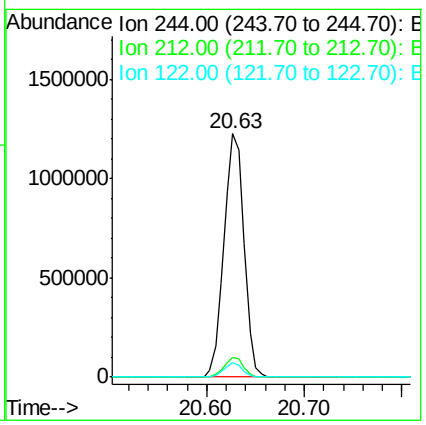


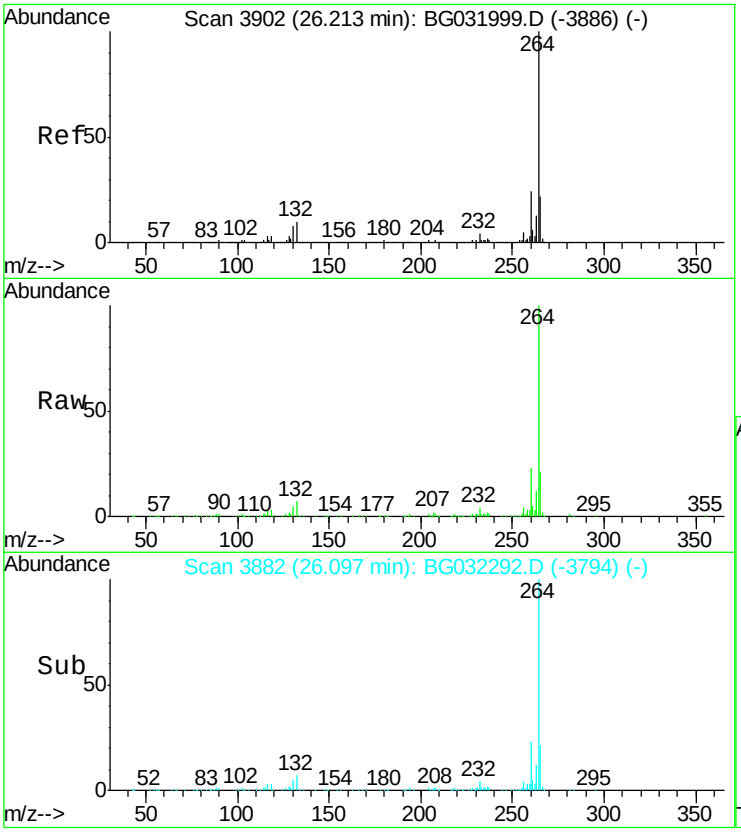


#78
Terphenyl-d14
Concen: 102.344 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032292.D
Acq: 25 Jan 2018 11:25

Tgt Ion:244 Resp: 1748350

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.8	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: BG032292.D
Acq: 25 Jan 2018 11:25

Instrument :
BNA_G
ClientSampleId :
MH-198

Tgt Ion:264 Resp: 402347

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.2	17.7	26.5