Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032557.D
Acq On : 6 Feb 2018 5:40
Operator : SJ/JU
Sample : J1437-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-148-20

Quant Time: Feb 06 07:05:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21331	20.00	ng	-0.01
21) Naphthalene-d8	11.58	136	80652	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	55305	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	141799	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	179858	20.00	ng	-0.02
86) Perylene-d12	26.07	264	202719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	135379	127.47	ng	0.00
7) Phenol-d6	7.83	99	151656	107.01	ng	0.00
23) Nitrobenzene-d5	9.90	82	110837	85.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	158987	151.02	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	402172	86.43	ng	-0.02
78) Terphenyl-d14	20.61	244	749590	89.28	ng	-0.01
Target Compounds						Qvalue

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

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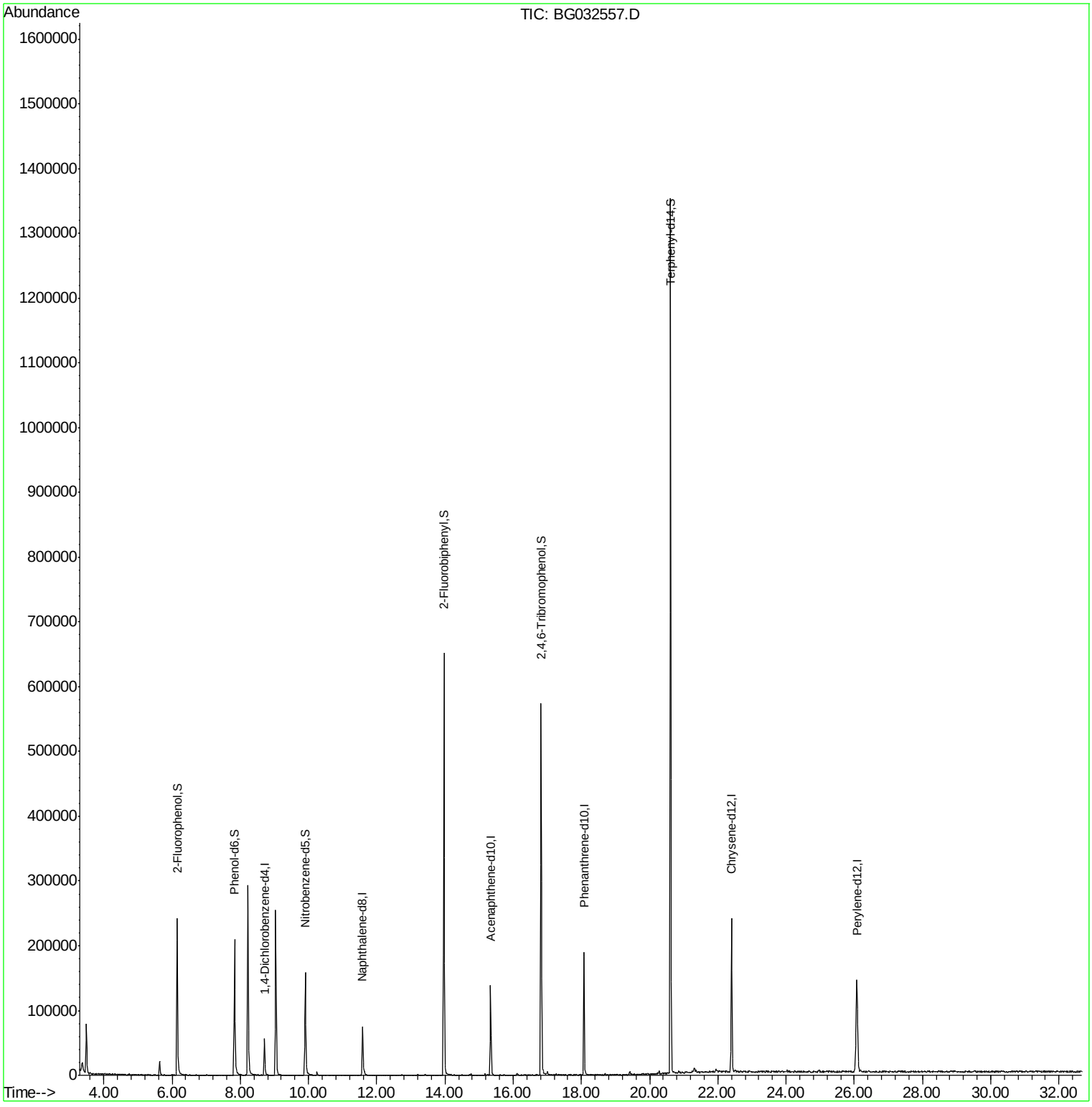
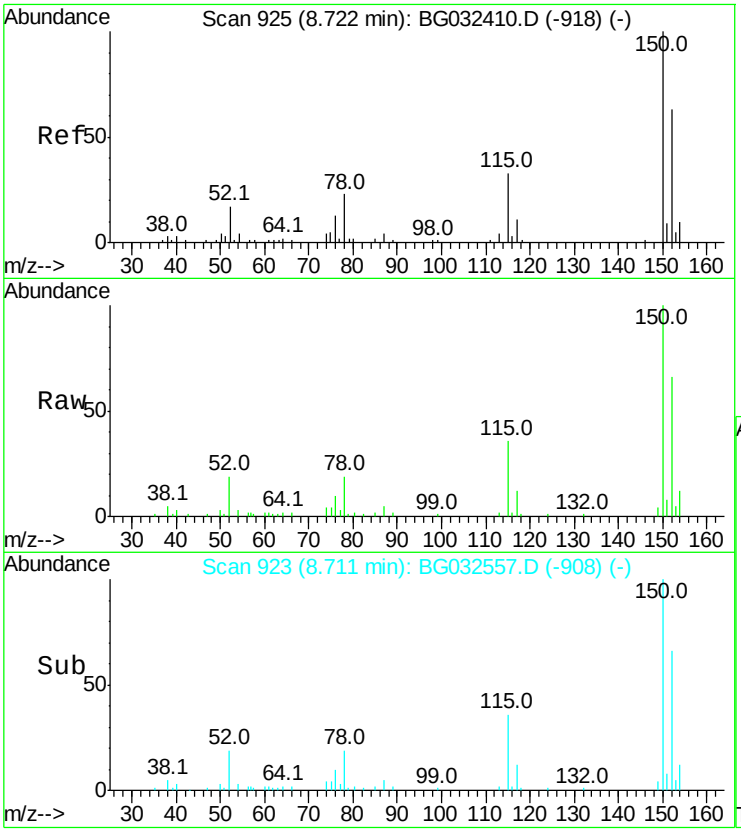


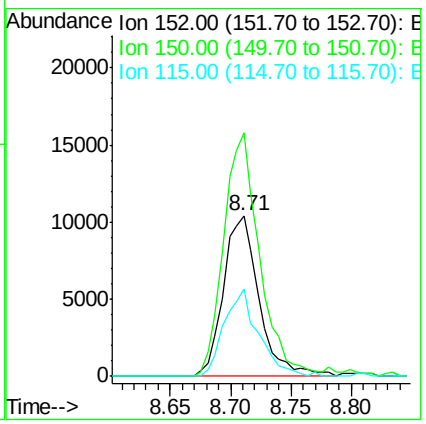


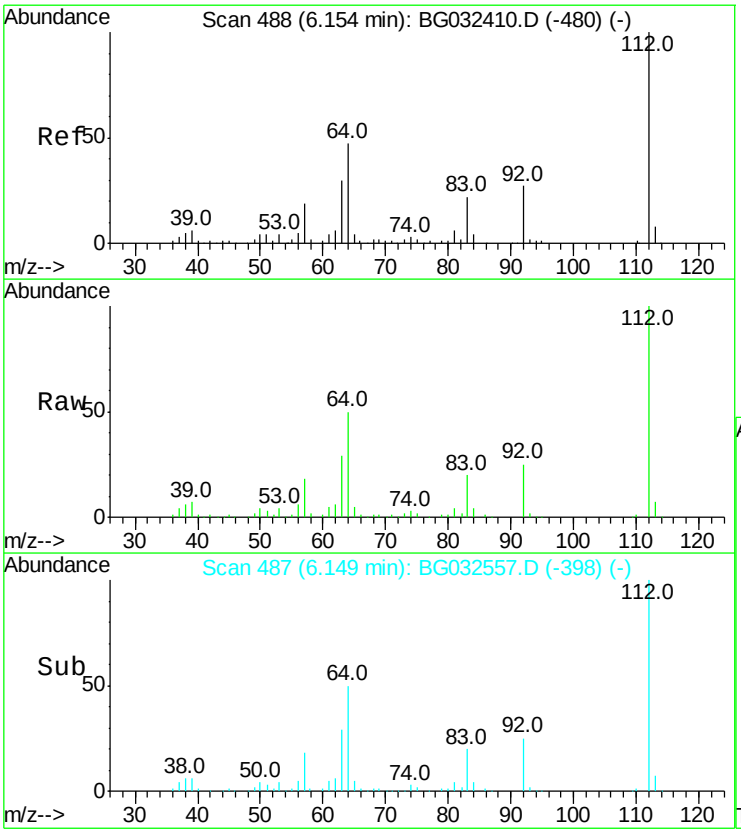
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion:152 Resp: 21331

Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	54.0	53.0	79.4

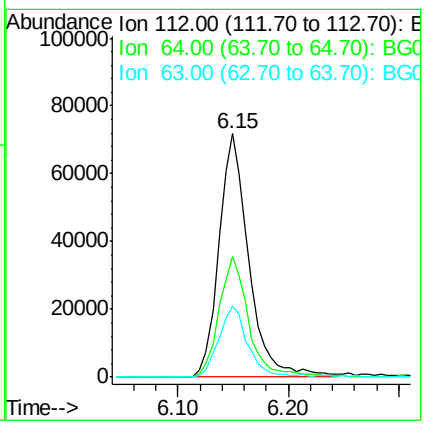


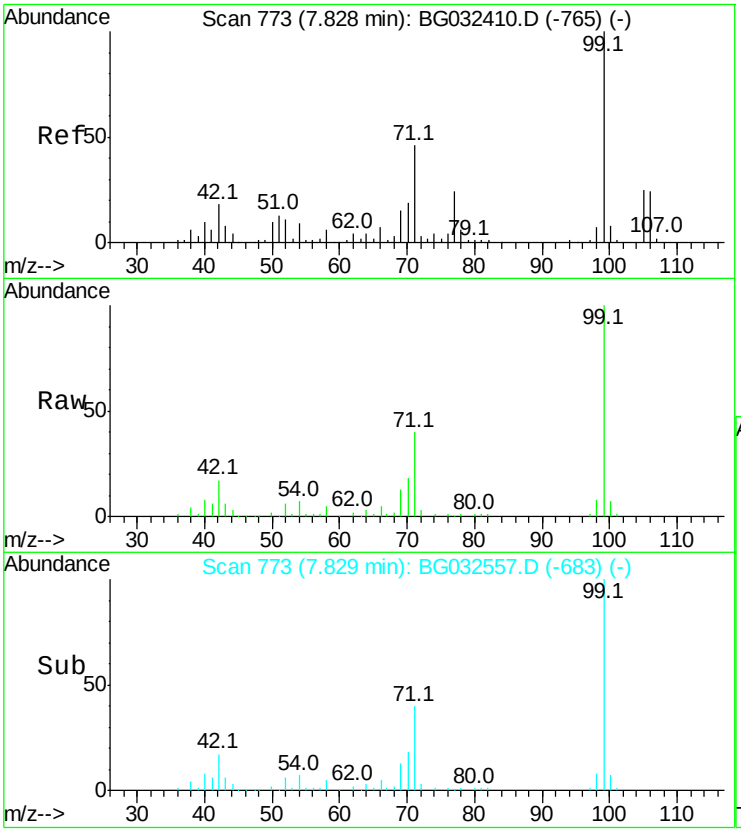


#5
2-Fluorophenol
Concen: 127.475 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:112 Resp: 135379

Ion	Ratio	Lower	Upper
112	100		
64	49.7	56.3	84.5#
63	29.0	30.1	45.1#



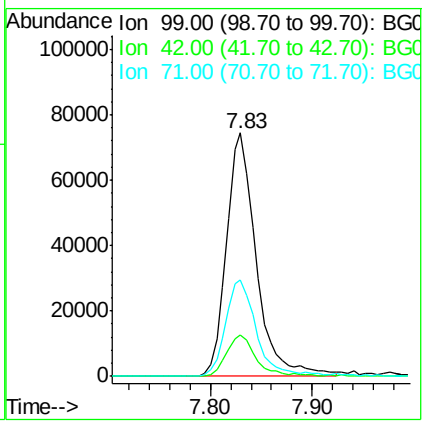


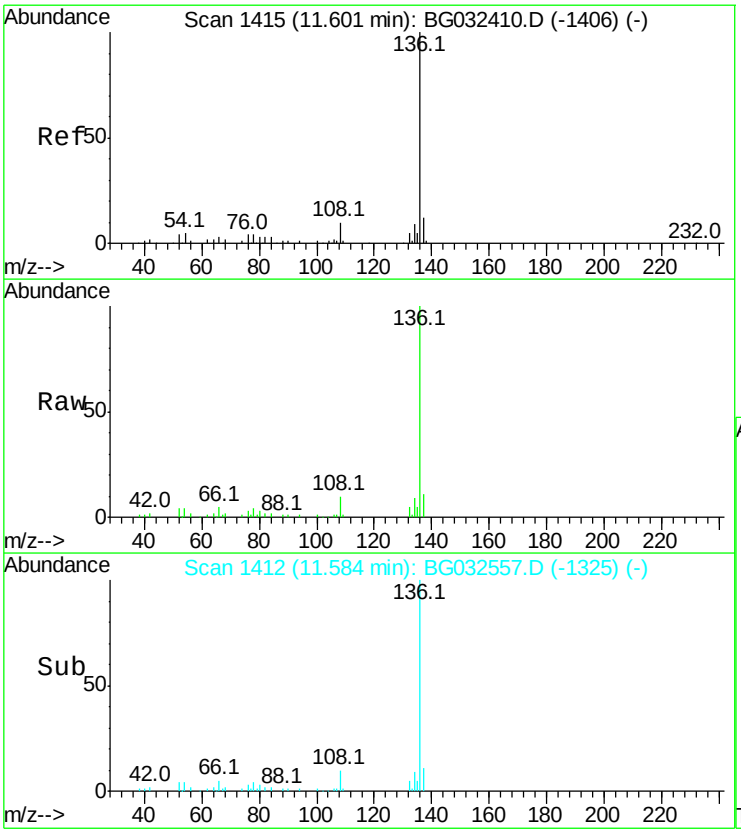
#7
Phenol-d6
Concen: 107.014 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion: 99 Resp: 151656

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	39.9	26.1	39.1#

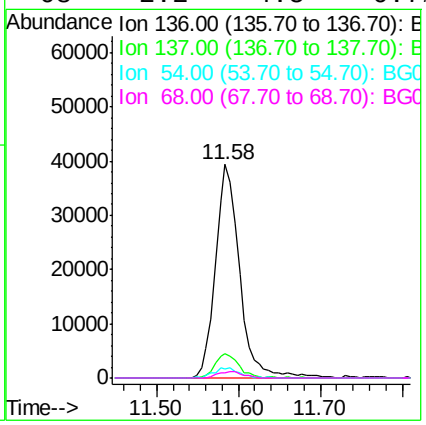


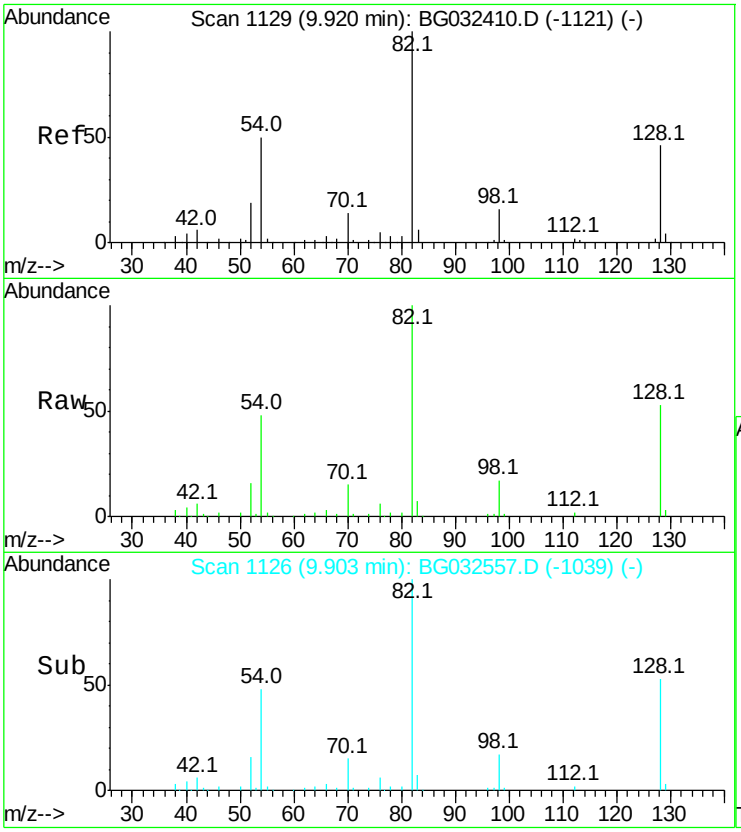


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:136 Resp: 80652

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.3	10.3	15.5#
68	2.2	4.5	6.7#



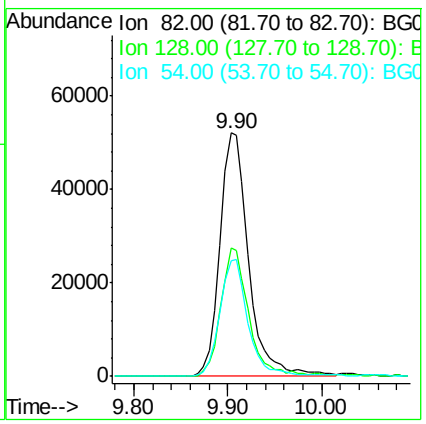


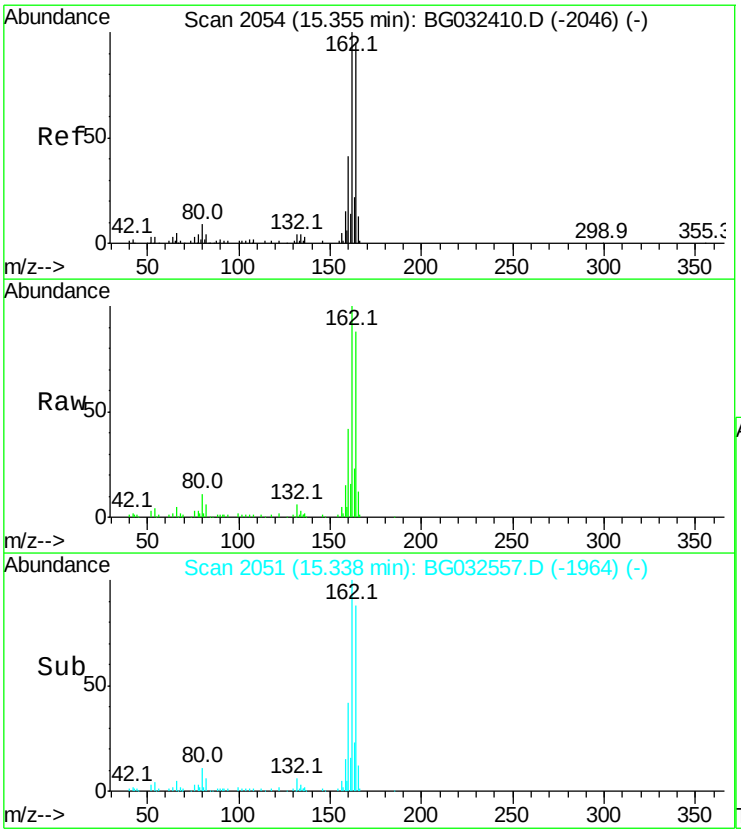
#23
Nitrobenzene-d5
Concen: 85.837 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion: 82 Resp: 110837

Ion	Ratio	Lower	Upper
82	100		
128	52.8	29.7	44.5#
54	47.6	43.1	64.7

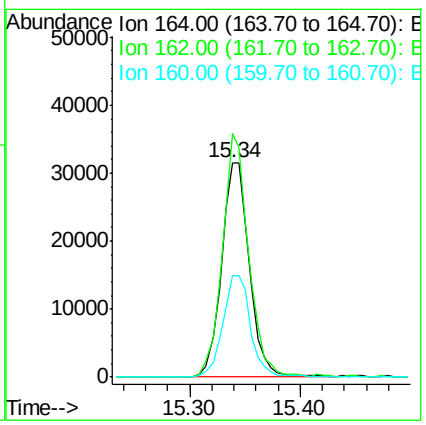


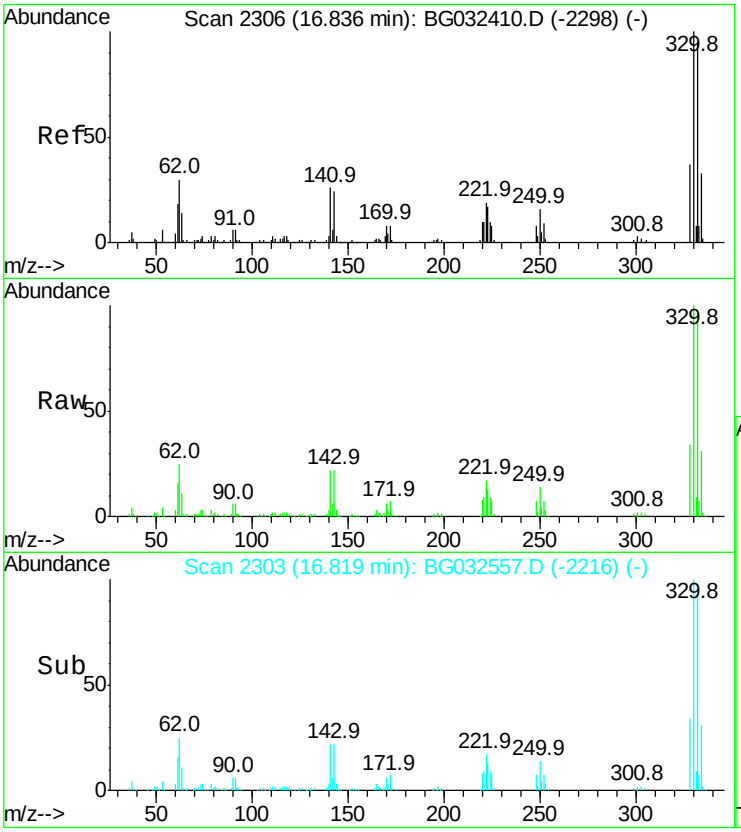


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:164 Resp: 55305

Ion	Ratio	Lower	Upper
164	100		
162	113.6	78.8	118.2
160	47.4	35.4	53.0



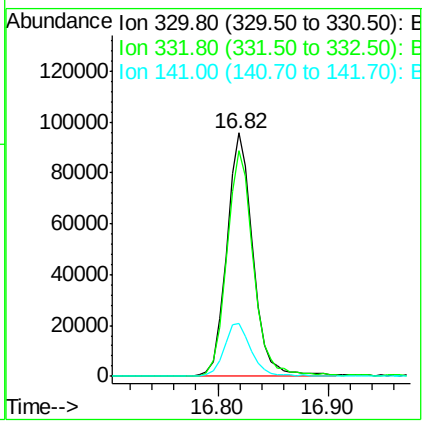


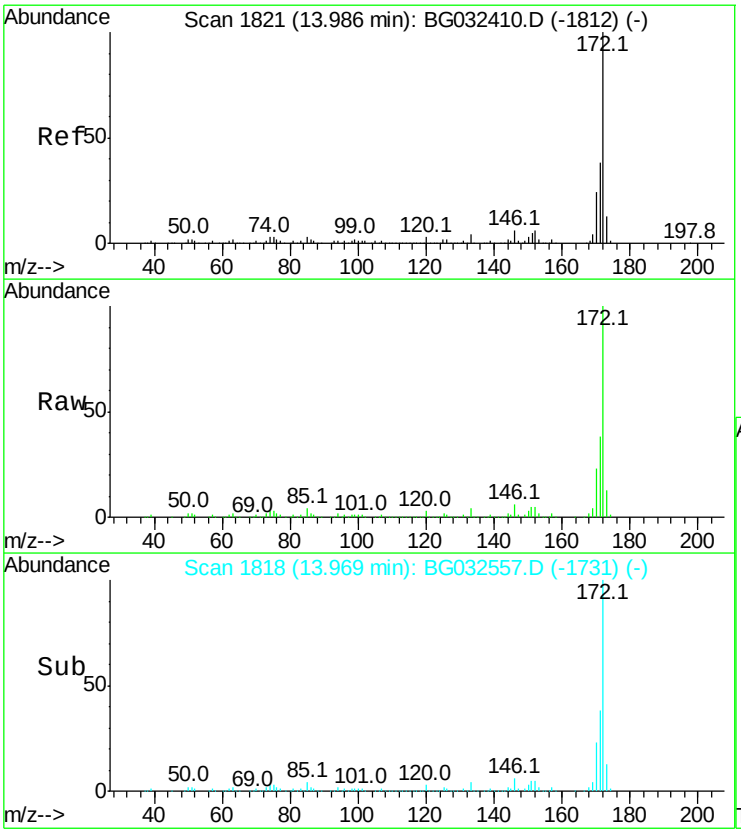
#41
2,4,6-Tribromophenol
Concen: 151.023 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion:330 Resp: 158987

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	22.3	25.2	37.8#

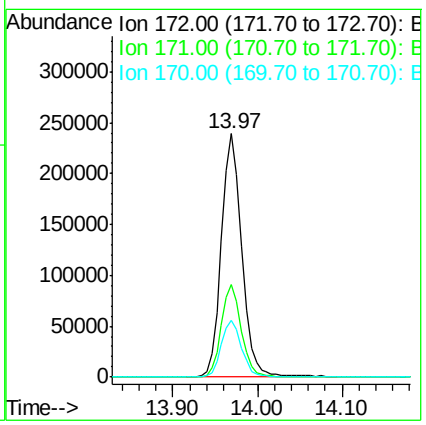


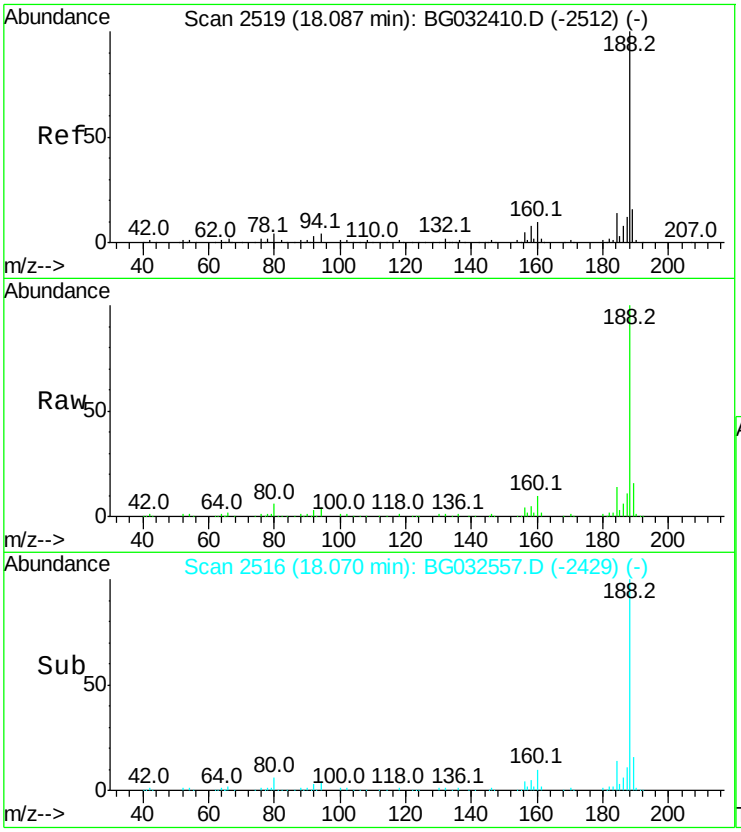


#44
2-Fluorobiphenyl
Concen: 86.431 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:172 Resp: 402172

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.1	19.5	29.3



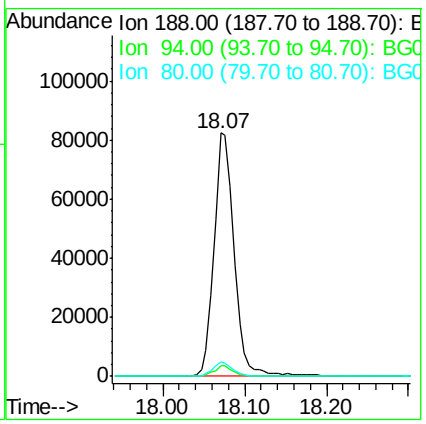


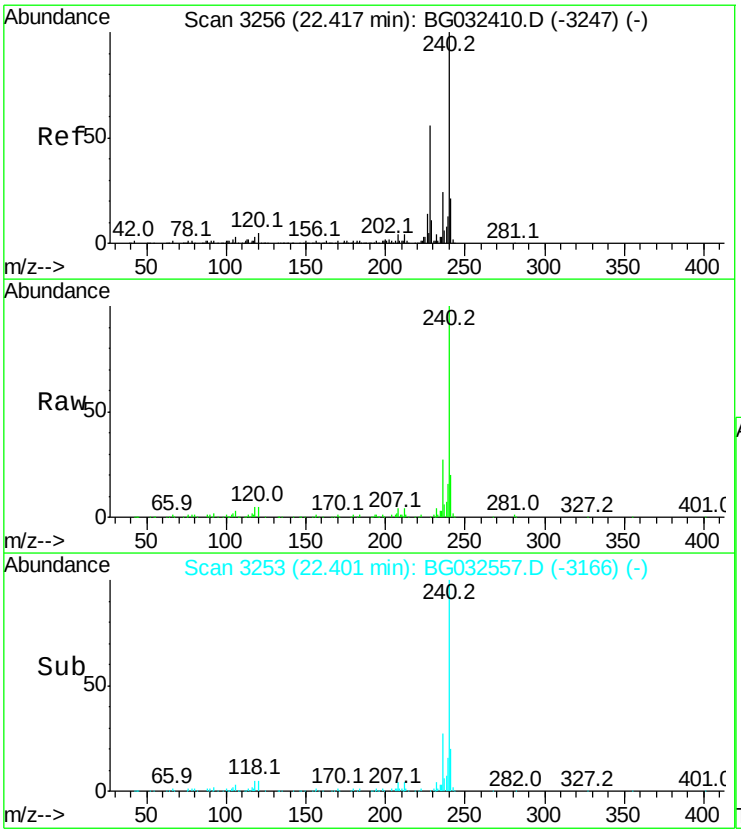
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion:188 Resp: 141799

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	5.8	7.7	11.5#

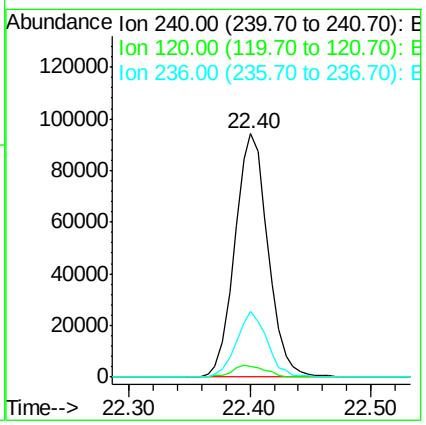


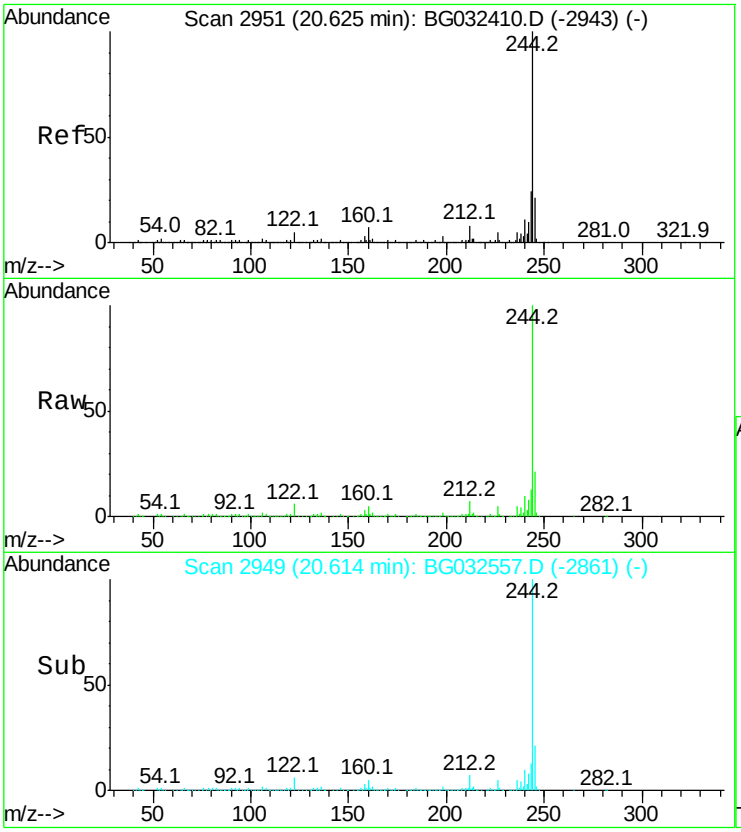


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:240 Resp: 179858

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	26.9	20.9	31.3



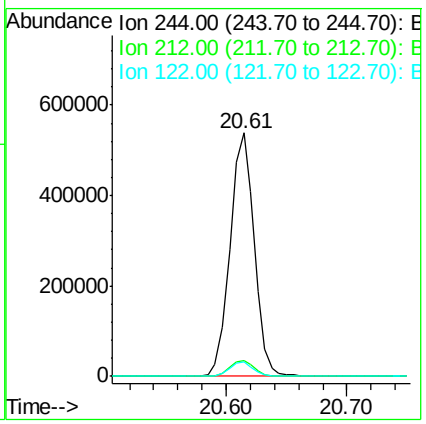


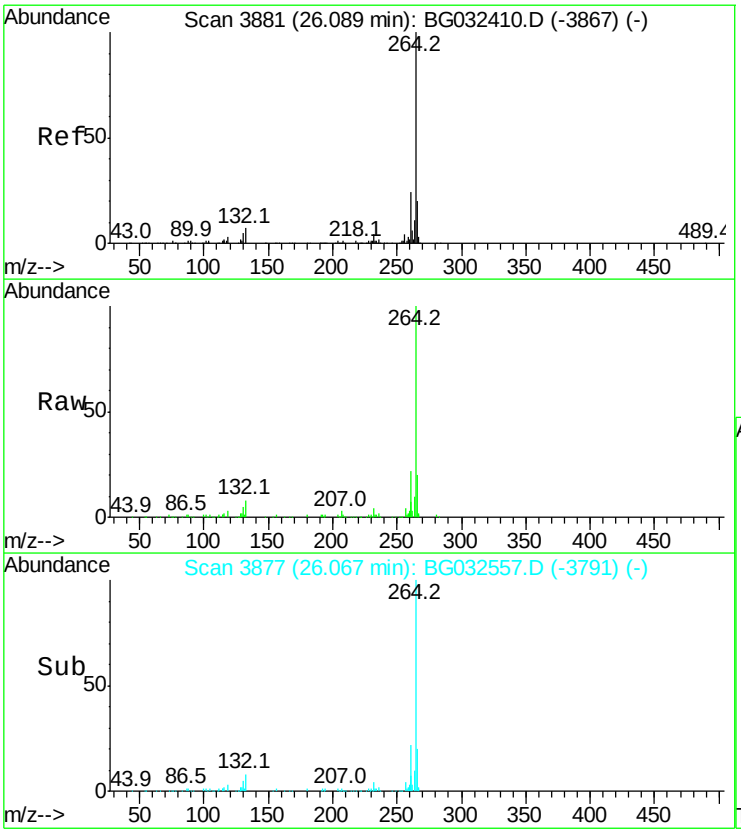
#78
Terphenyl-d14
Concen: 89.275 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Instrument :
BNA_G
ClientSampleId :
RO-148-20

Tgt Ion:244 Resp: 749590

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	5.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BG032557.D
Acq: 6 Feb 2018 5:40

Tgt Ion:264 Resp: 202719

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.2	17.7	26.5