Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028801.D
Acq On : 18 Sep 2017 19:00
Operator : SJ/JU
Sample : I5259-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 01:11:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30179	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	129785	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	95661	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	269752	20.00	ng	-0.03
75) Chrysene-d12	21.98	240	290667	20.00	ng	-0.05
86) Perylene-d12	25.45	264	305847	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	122798	67.14	ng	-0.05
7) Phenol-d6	7.44	99	115192	41.83	ng	-0.05
23) Nitrobenzene-d5	9.46	82	243168	89.63	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	247628	156.51	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	639634	89.16	ng	-0.04
78) Terphenyl-d14	20.25	244	1140972	83.71	ng	-0.03
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	13.14	237	90	7.66	ng	# 29
49) Dimethylphthalate	14.35	163	39963	4.98	ng	# 91
53) 2,4-Dinitrophenol	15.03	184	58	8.06	ng	# 15

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

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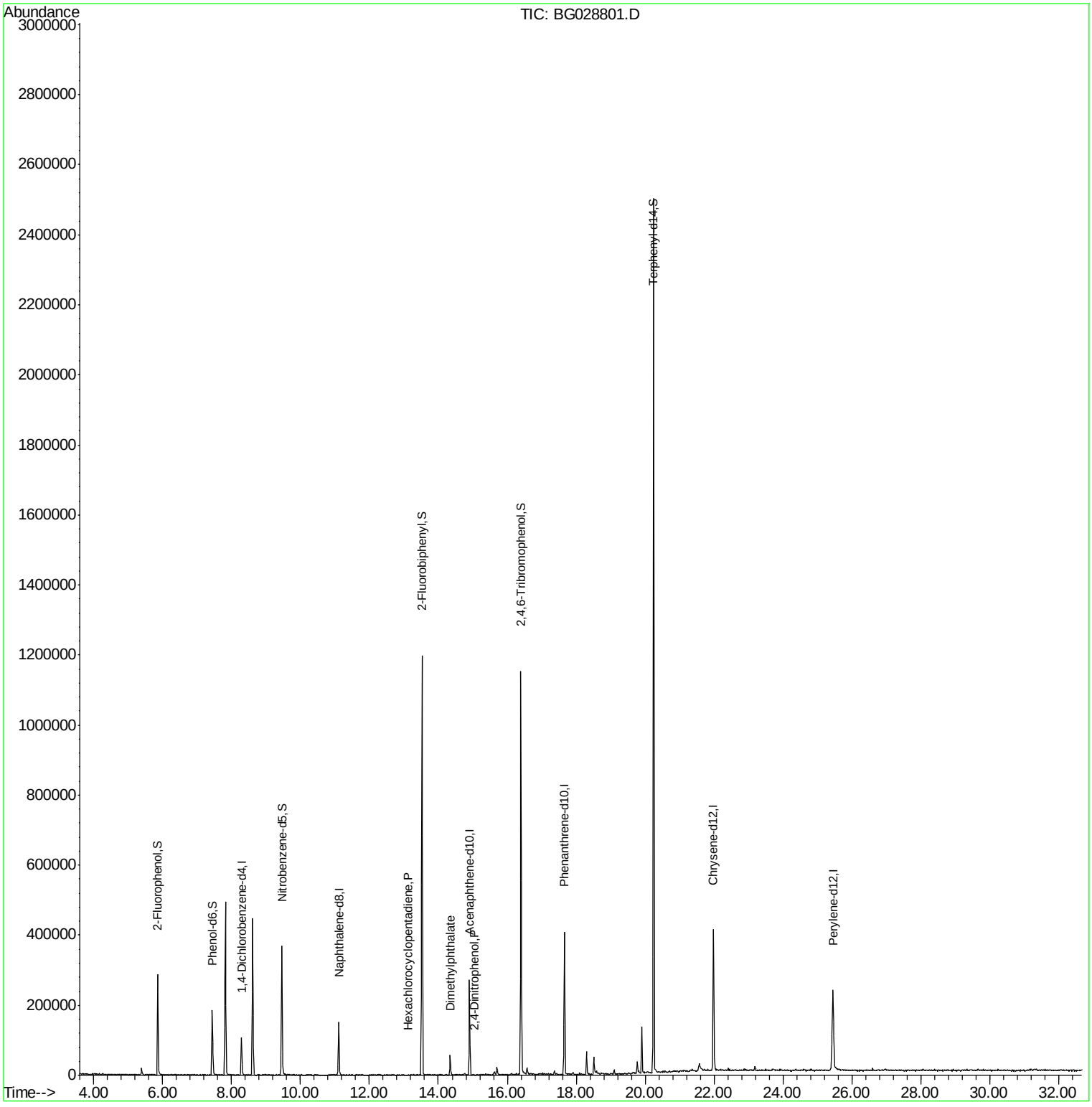
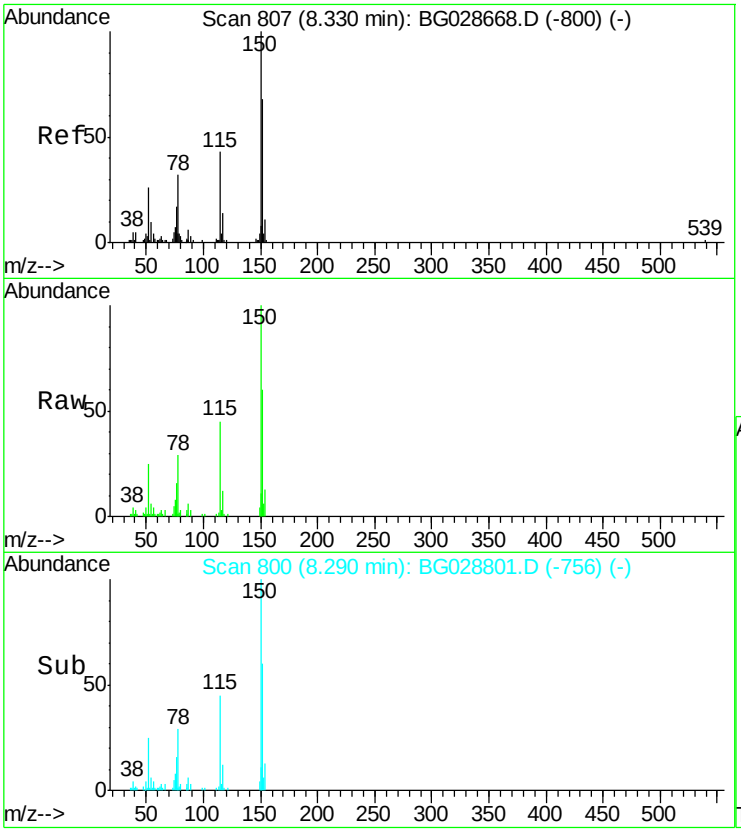


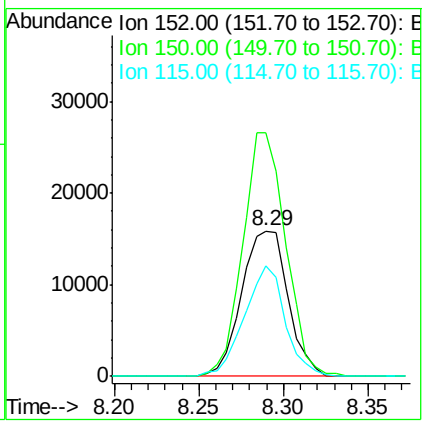


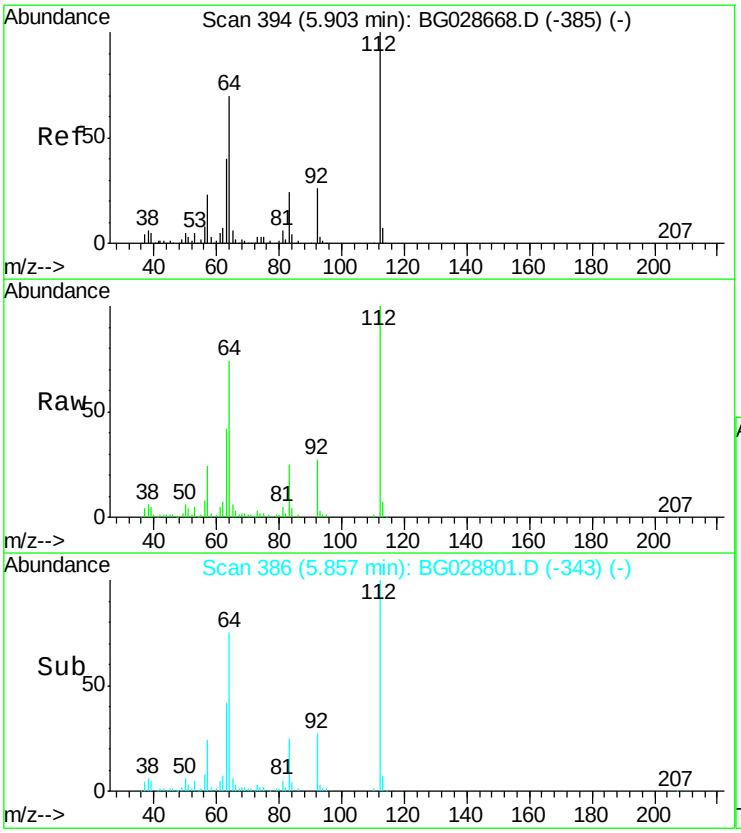
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30179

Ion	Ratio	Lower	Upper
152	100		
150	167.1	114.0	171.0
115	75.9	48.1	72.1#

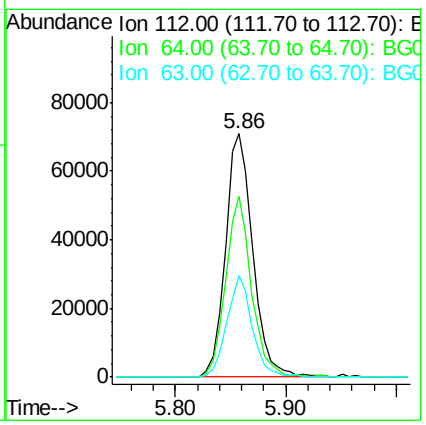


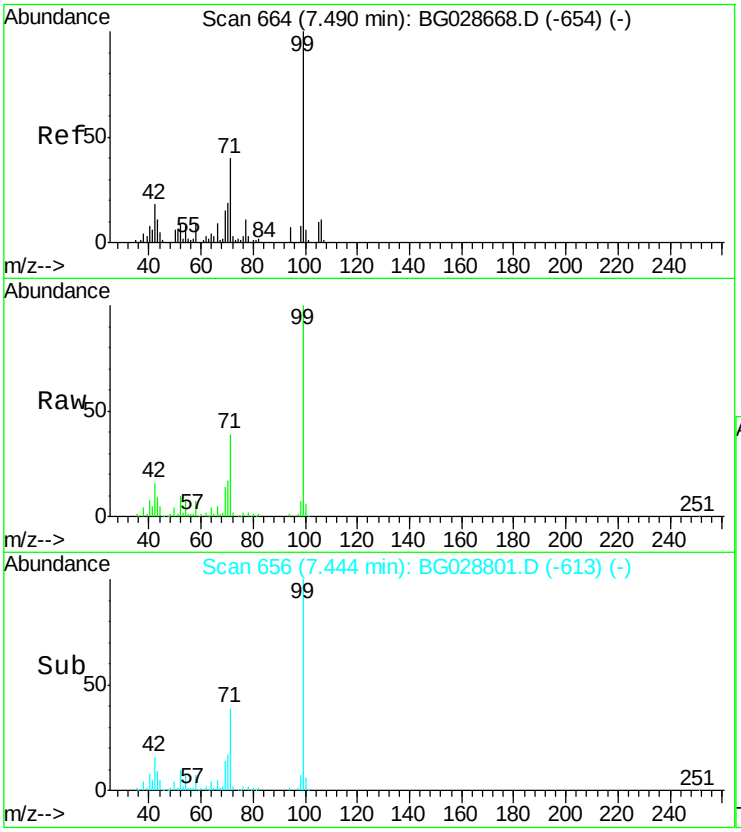


#5
2-Fluorophenol
Concen: 67.14 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:112 Resp: 122798

Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.8	92.6
63	41.9	37.2	55.8



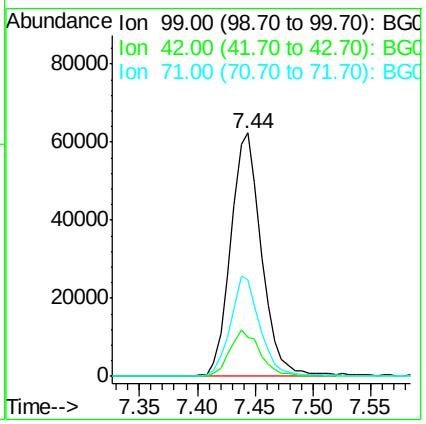


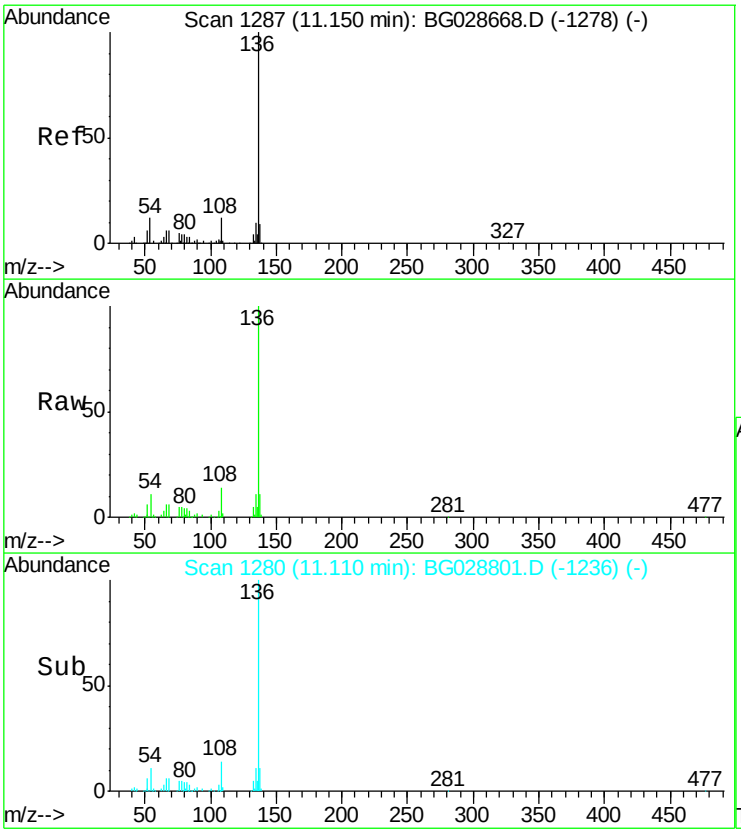
#7
Phenol-d6
Concen: 41.83 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 115192

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.5	30.7#
71	39.4	37.6	56.4

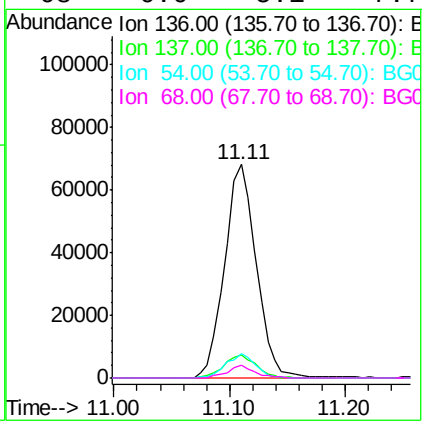


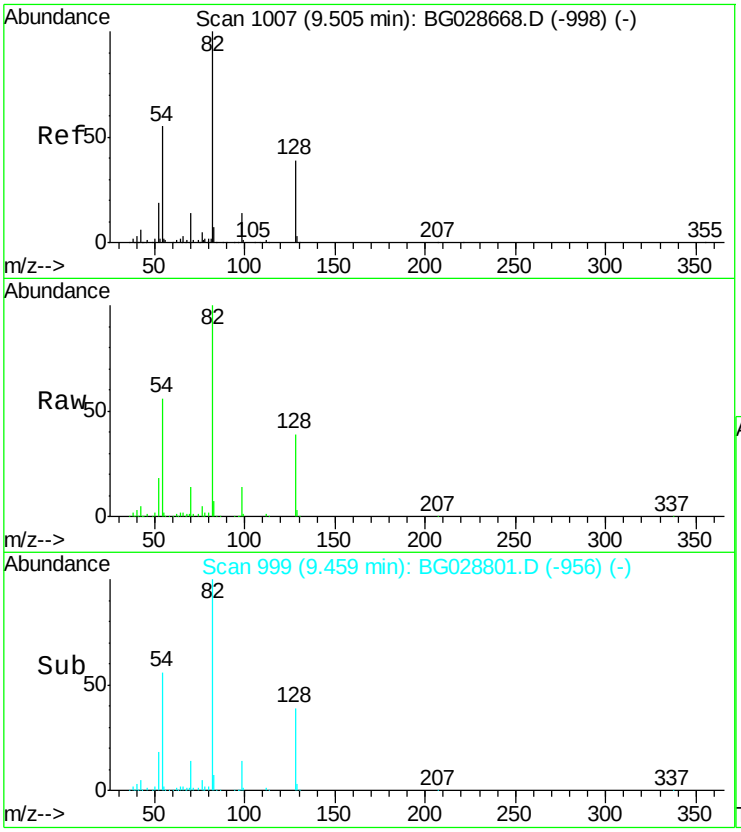


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:136 Resp: 129785

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.4	9.3	13.9
68	6.0	5.1	7.7



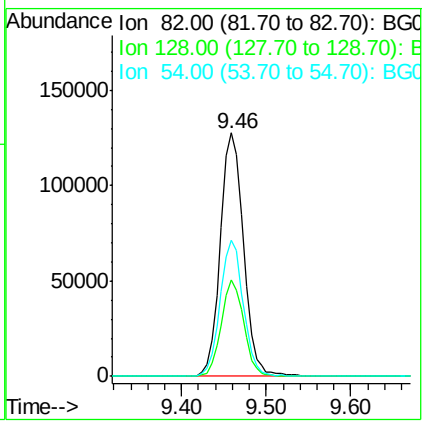


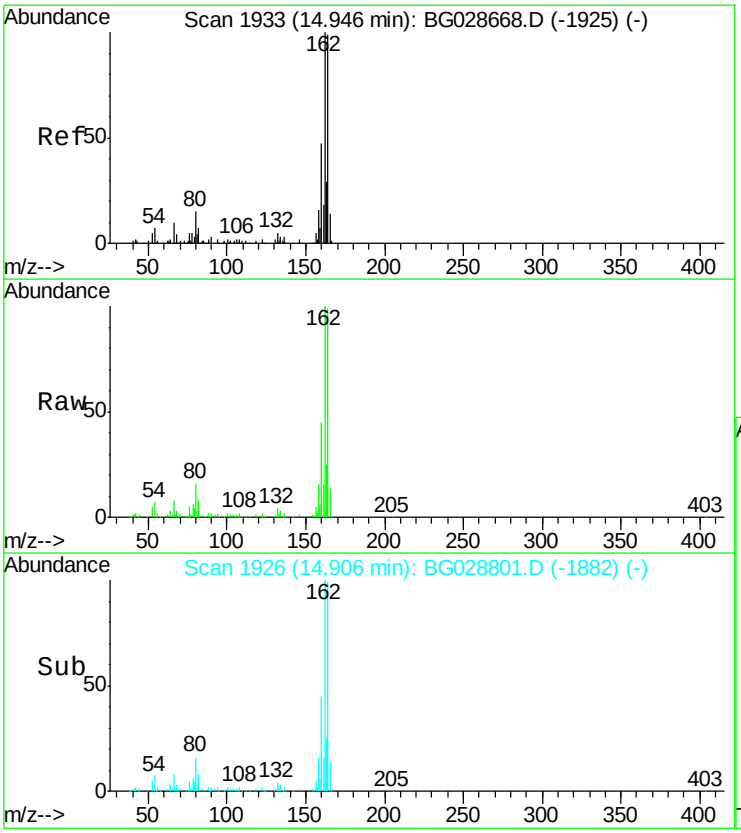
#23
Nitrobenzene-d5
Concen: 89.63 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 243168

Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.4	39.6
54	55.9	49.4	74.2

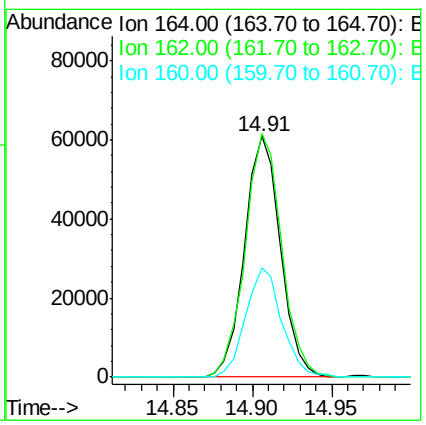


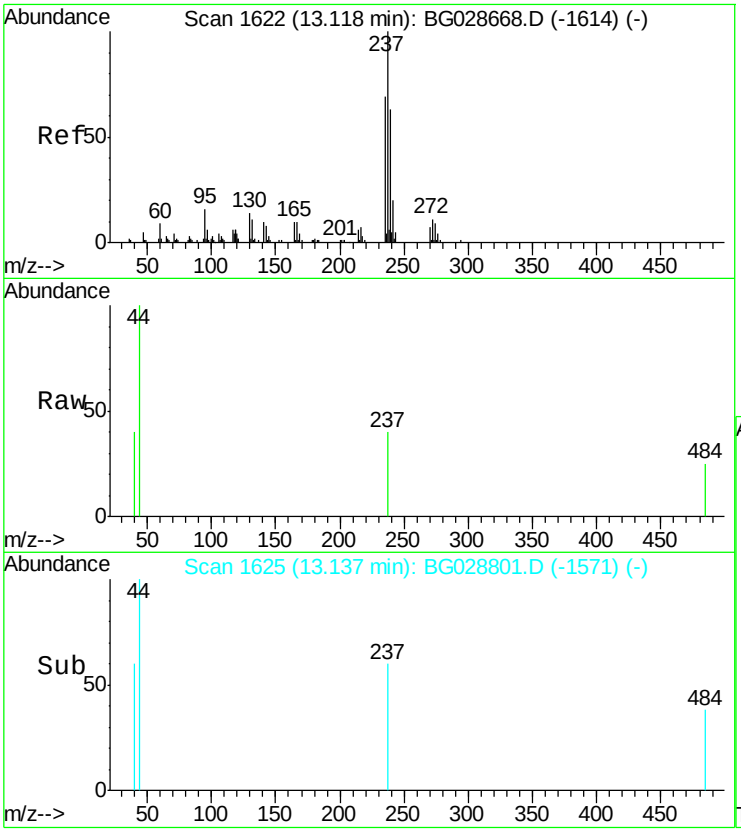


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:164 Resp: 95661

Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	45.6	34.7	52.1



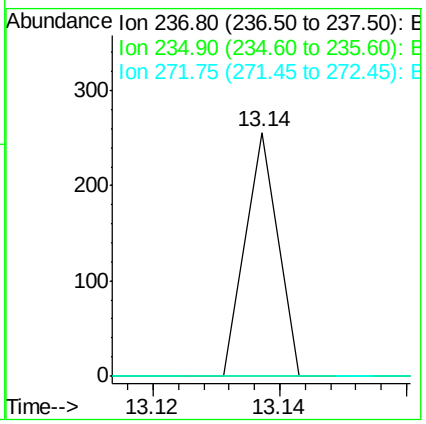


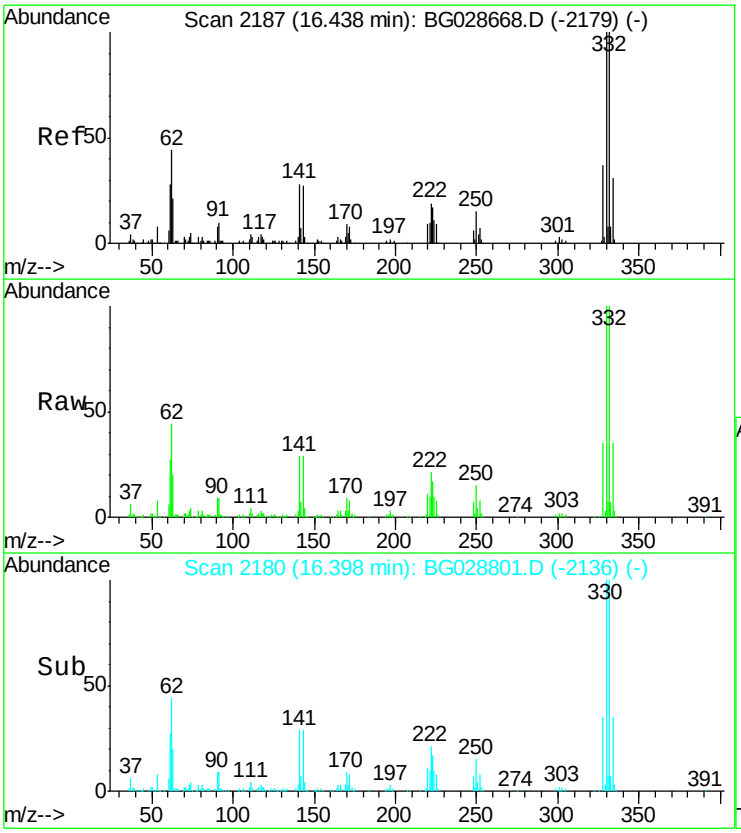
#40
Hexachlorocyclopentadiene
Concen: 7.66 ng
RT: 13.14 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 90

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

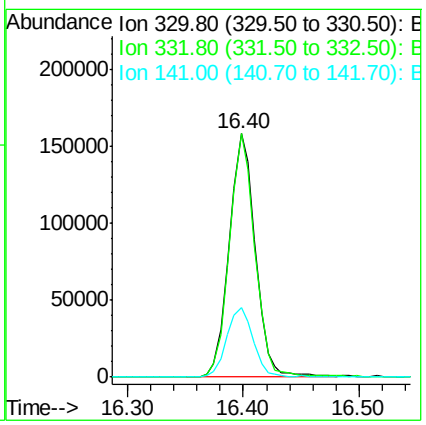


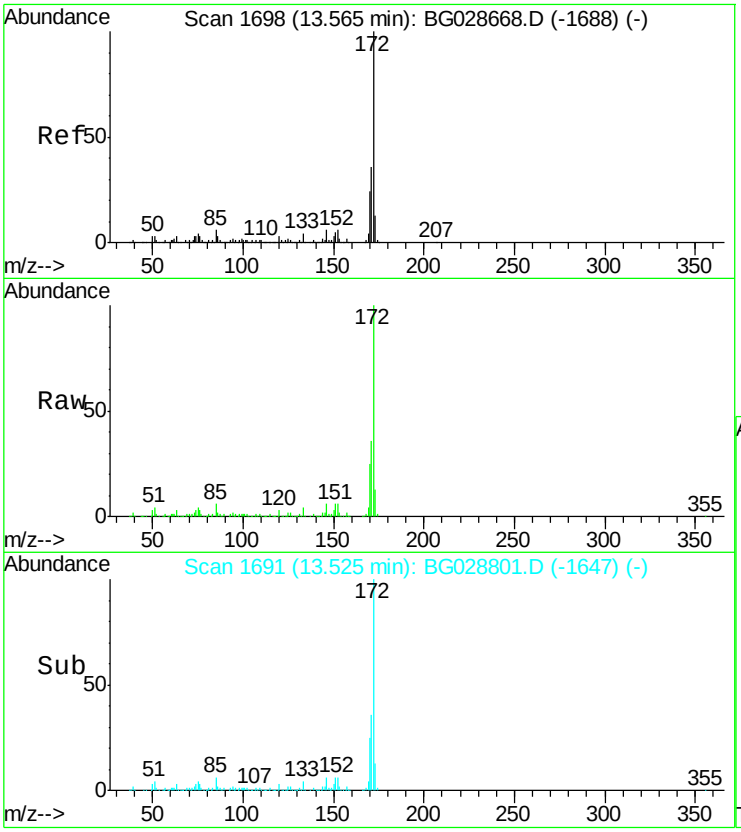


#41
2,4,6-Tribromophenol
Concen: 156.51 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:330 Resp: 247628

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.2	32.1	48.1#



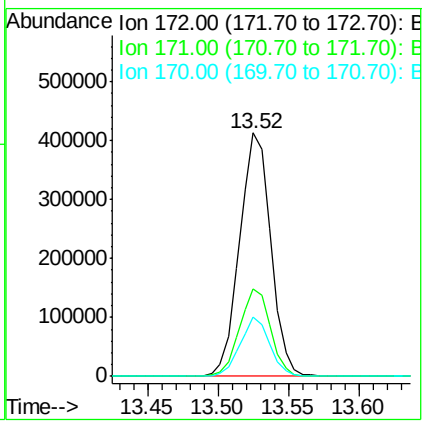


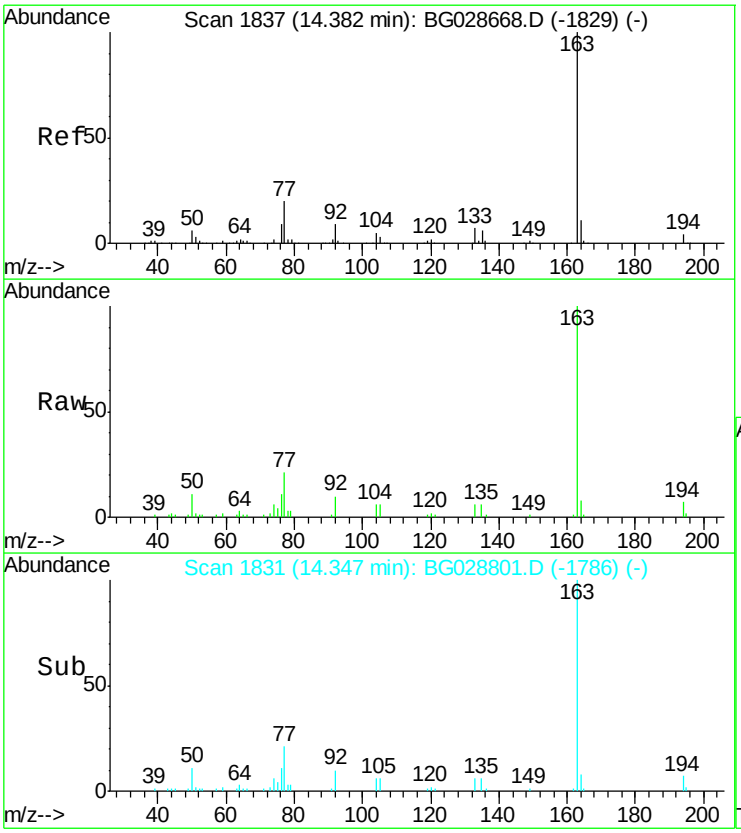
#44
2-Fluorobiphenyl
Concen: 89.16 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 639634

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	24.6	21.8	32.6

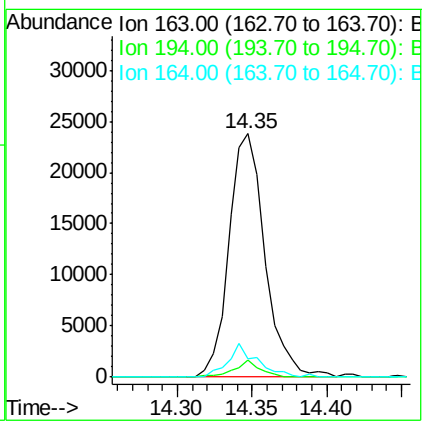


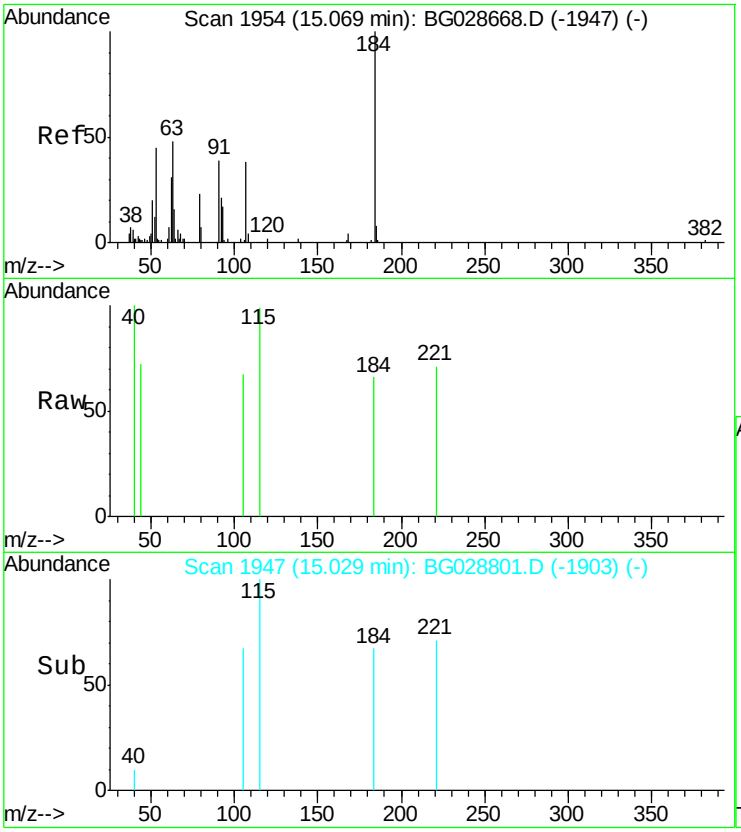


#49
Dimethylphthalate
Concen: 4.98 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:163 Resp: 39963

Ion	Ratio	Lower	Upper
163	100		
194	7.0	3.8	5.6#
164	7.6	9.3	13.9#



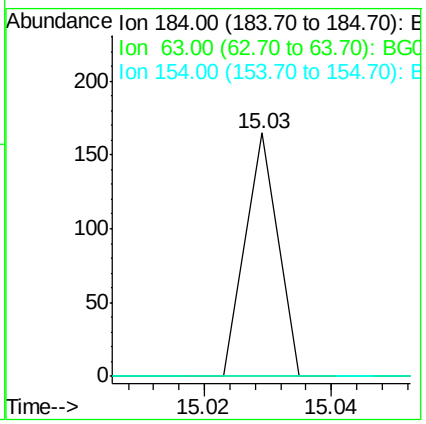


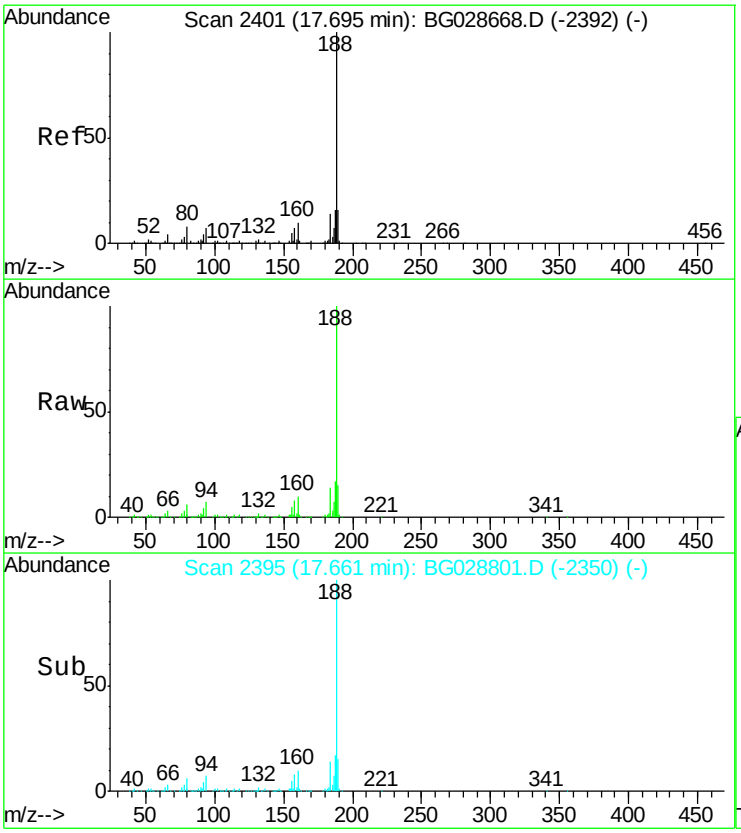
#53
2,4-Dinitrophenol
Concen: 8.06 ng
RT: 15.03 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

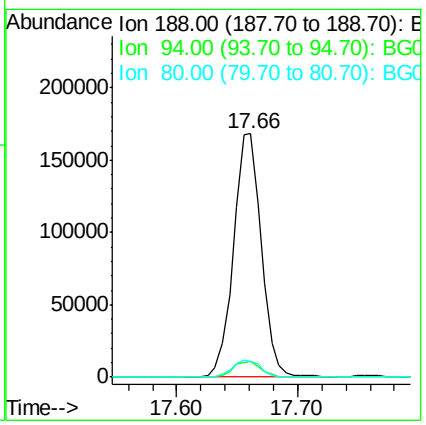


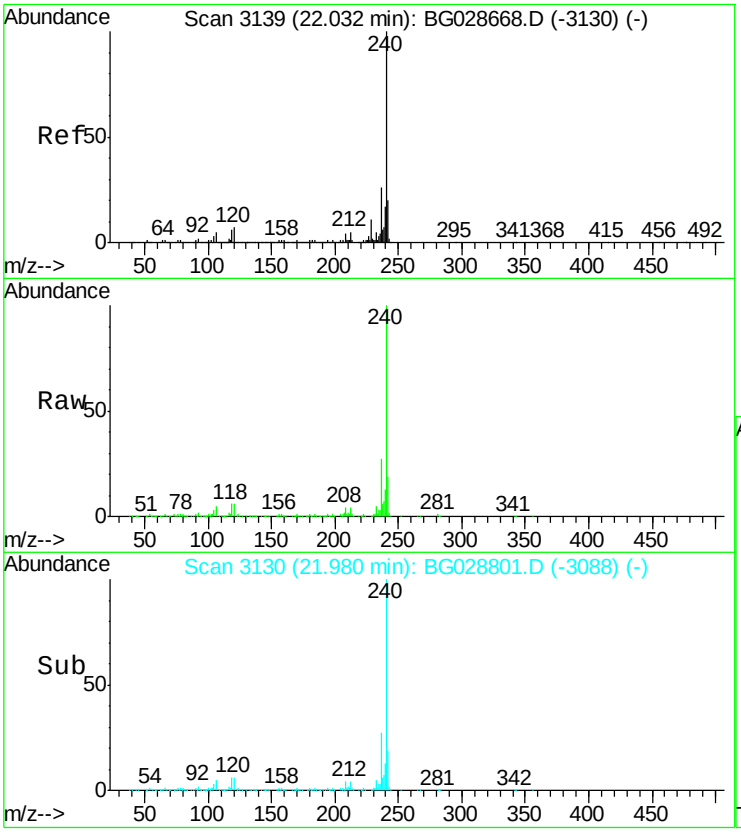


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.03 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:188 Resp: 269752

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.5	7.5	11.3#



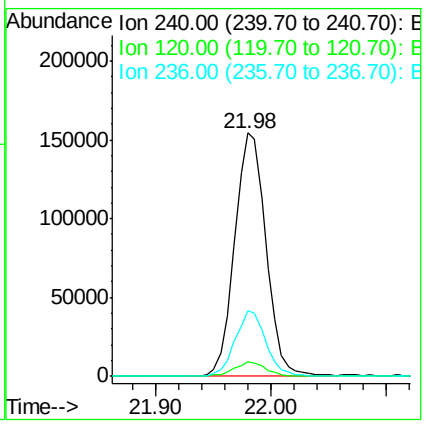


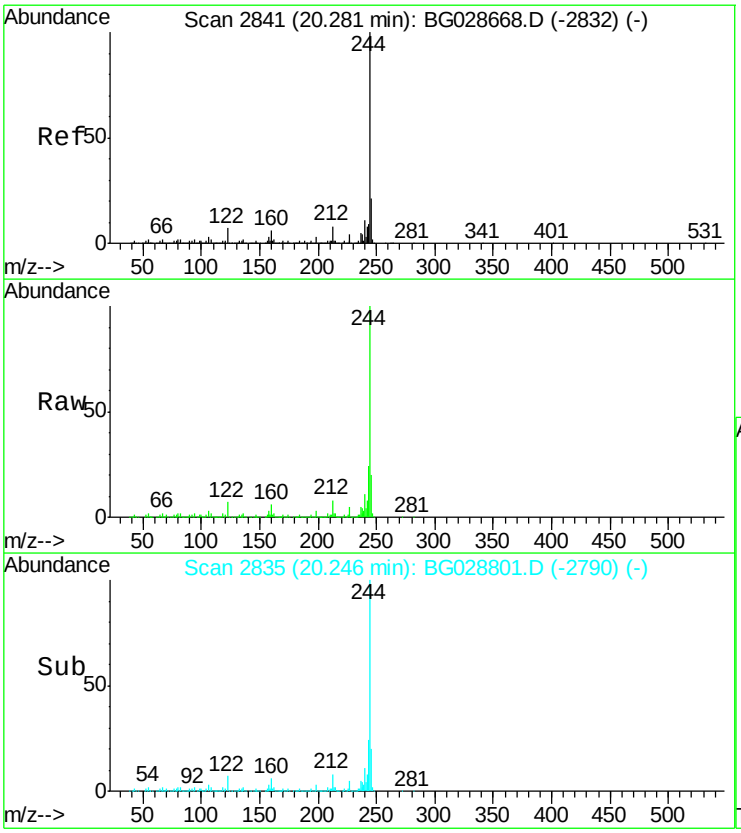
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3130
Delta R.T. -0.05 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 290667

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	26.8	22.2	33.4

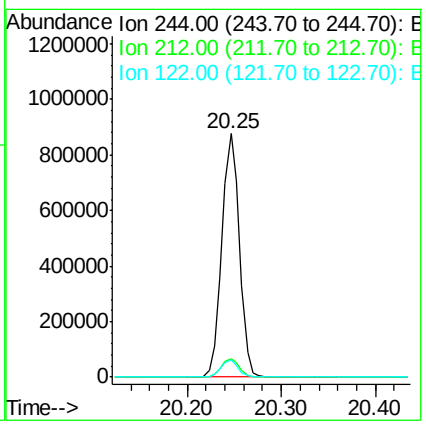


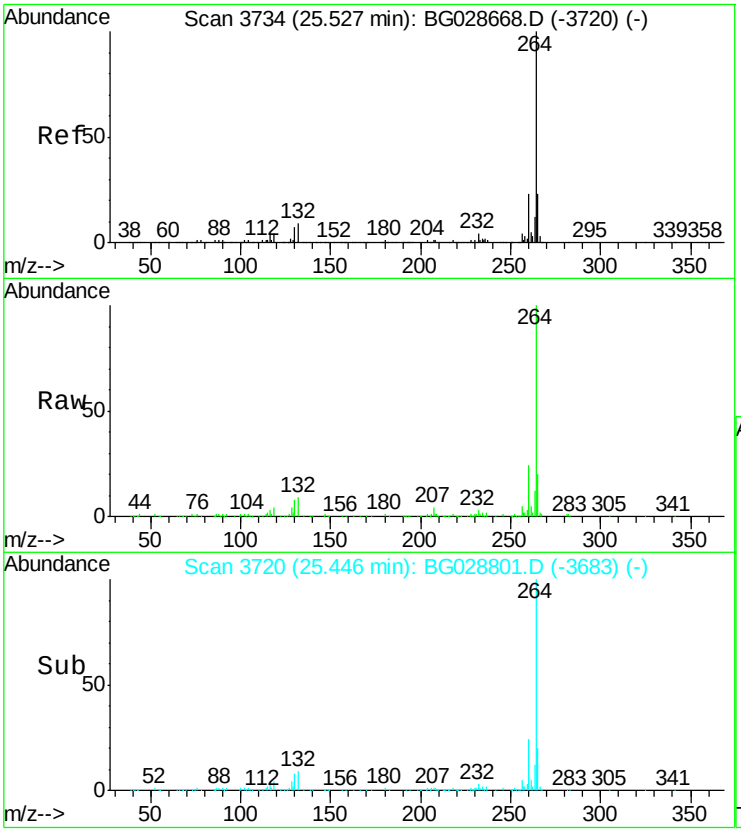


#78
Terphenyl-d14
Concen: 83.71 ng
RT: 20.25 min Scan# 2835
Delta R.T. -0.03 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:244 Resp: 1140972

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3720
Delta R.T. -0.08 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 305847

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	20.4	18.2	27.4