Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028820.D
Acq On : 19 Sep 2017 7:40
Operator : SJ/JU
Sample : I5265-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 08:28:14 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	27388	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	119695	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	90623	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261444	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	291171	20.00	ng	-0.05
86) Perylene-d12	25.45	264	302245	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	233890	140.91	ng	-0.05
7) Phenol-d6	7.44	99	336338	134.59	ng	-0.05
23) Nitrobenzene-d5	9.46	82	203563	81.36	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	213777	142.63	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	436965	64.29	ng	-0.04
78) Terphenyl-d14	20.25	244	947527	69.40	ng	-0.04
Target Compounds						Qvalue
10) Phenol	7.48	94	6270	2.38	ng	# 76
40) Hexachlorocyclopentadiene	13.23	237	54	7.64	ng	# 29
49) Dimethylphthalate	14.35	163	67385	8.87	ng	97
53) 2,4-Dinitrophenol	14.82	184	65	8.07	ng	# 15

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

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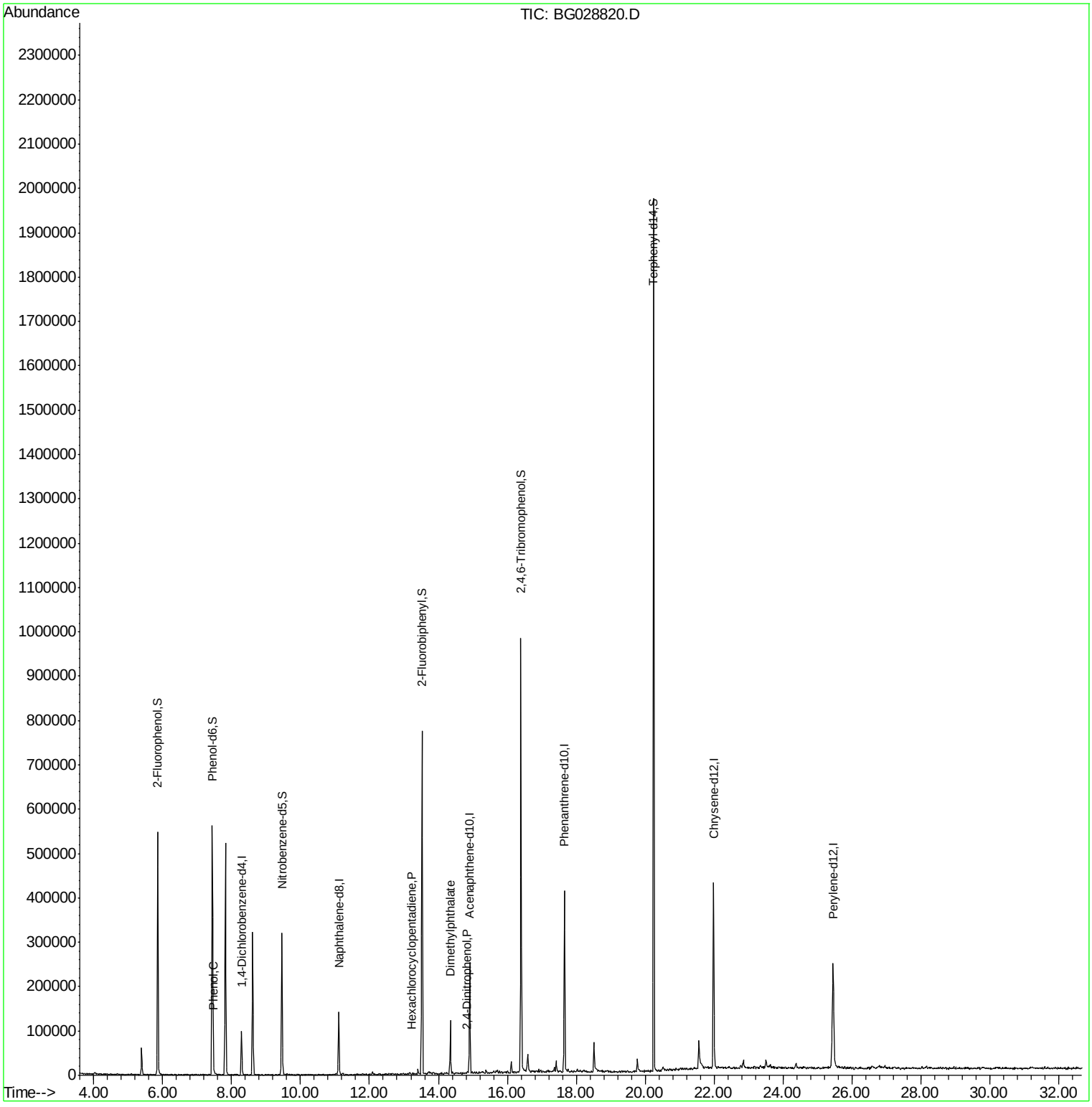
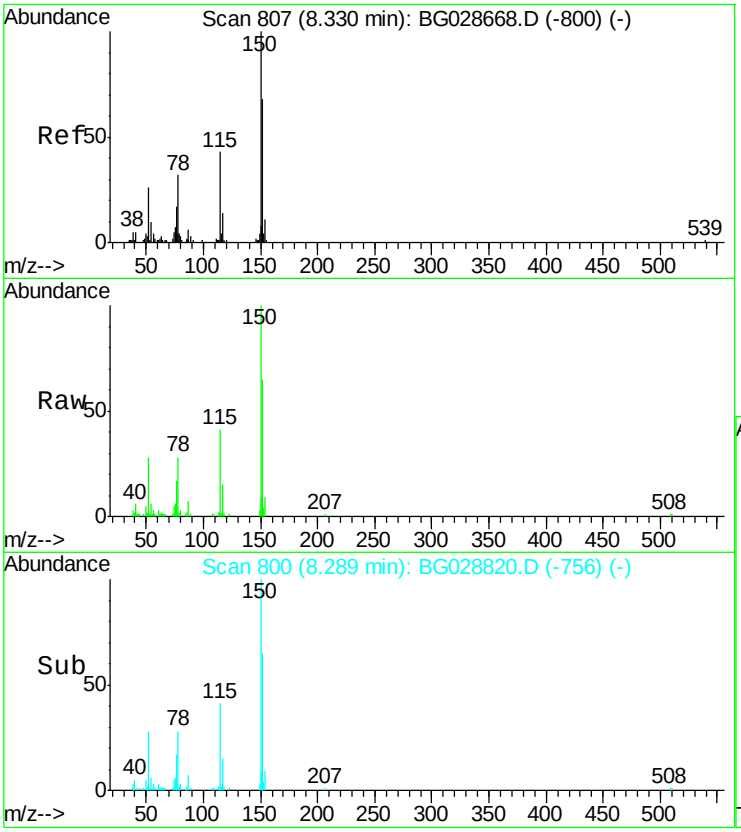


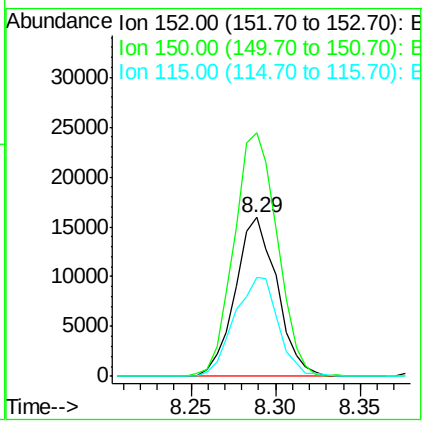


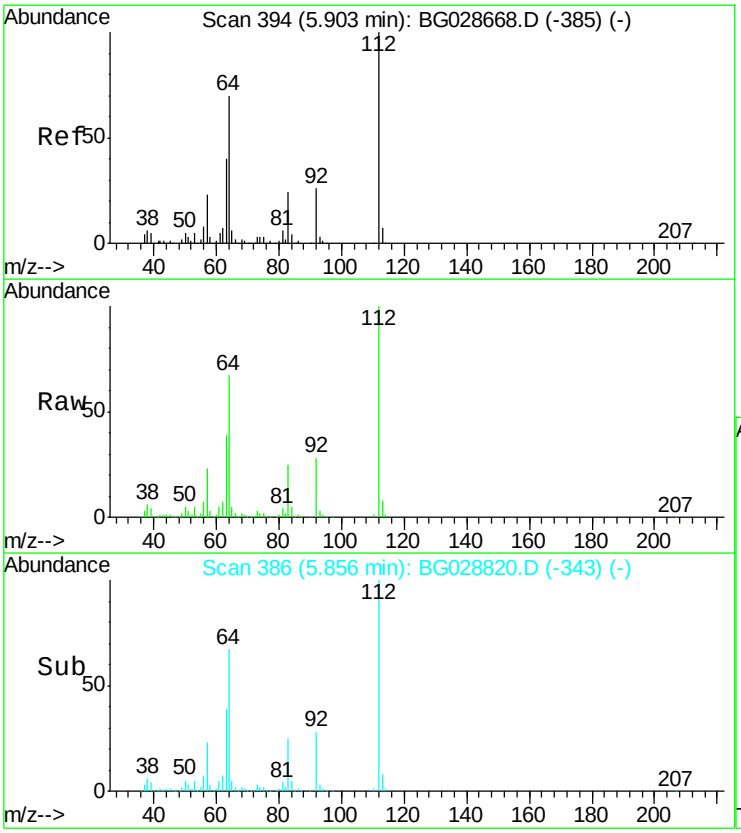
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27388

Ion	Ratio	Lower	Upper
152	100		
150	153.0	114.0	171.0
115	62.2	48.1	72.1

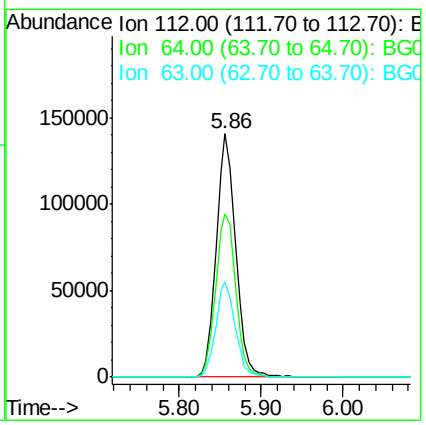


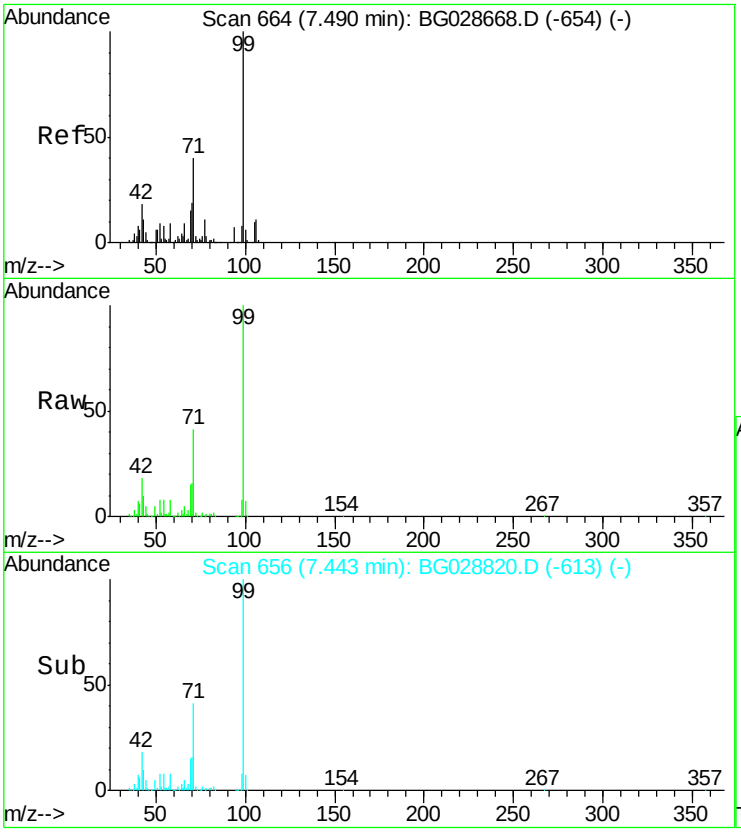


#5
2-Fluorophenol
Concen: 140.91 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:112 Resp: 233890

Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.8	92.6
63	39.1	37.2	55.8



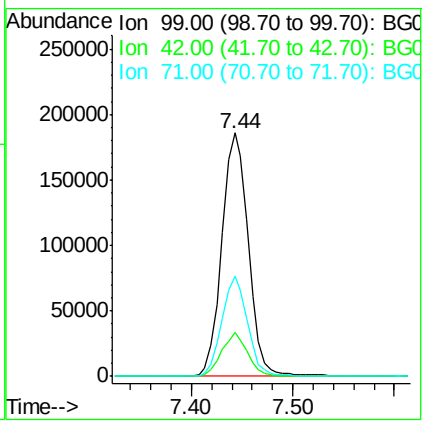


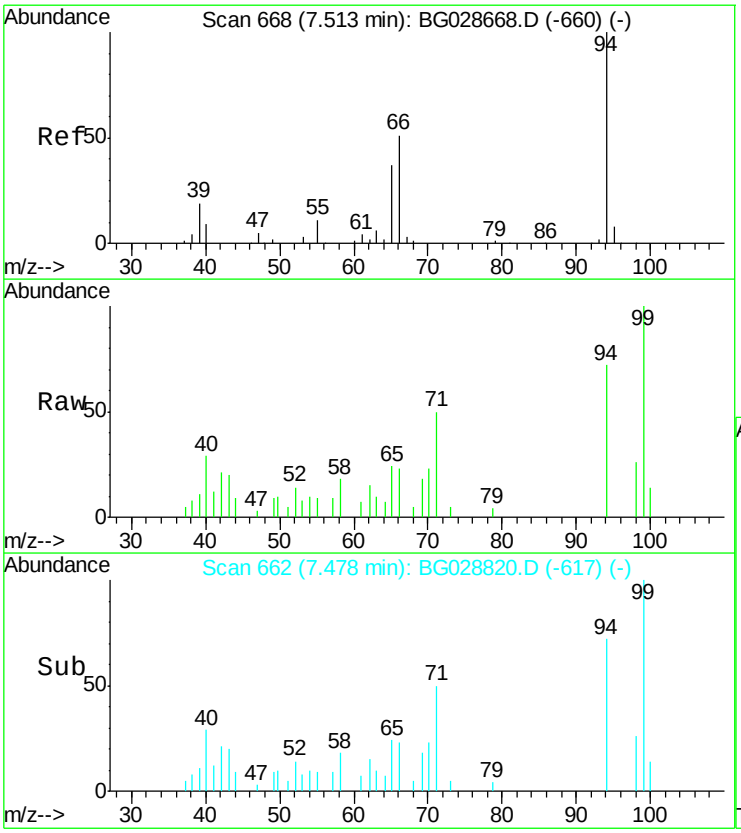
#7
Phenol-d6
Concen: 134.59 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 336338

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.5	30.7#
71	41.3	37.6	56.4

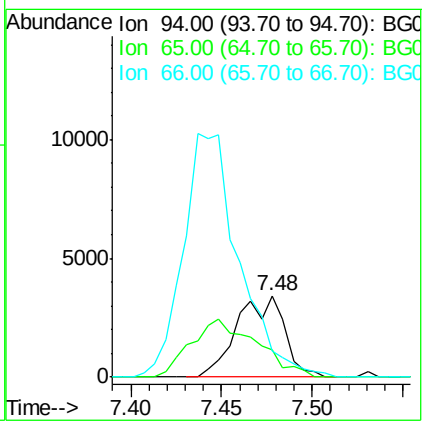


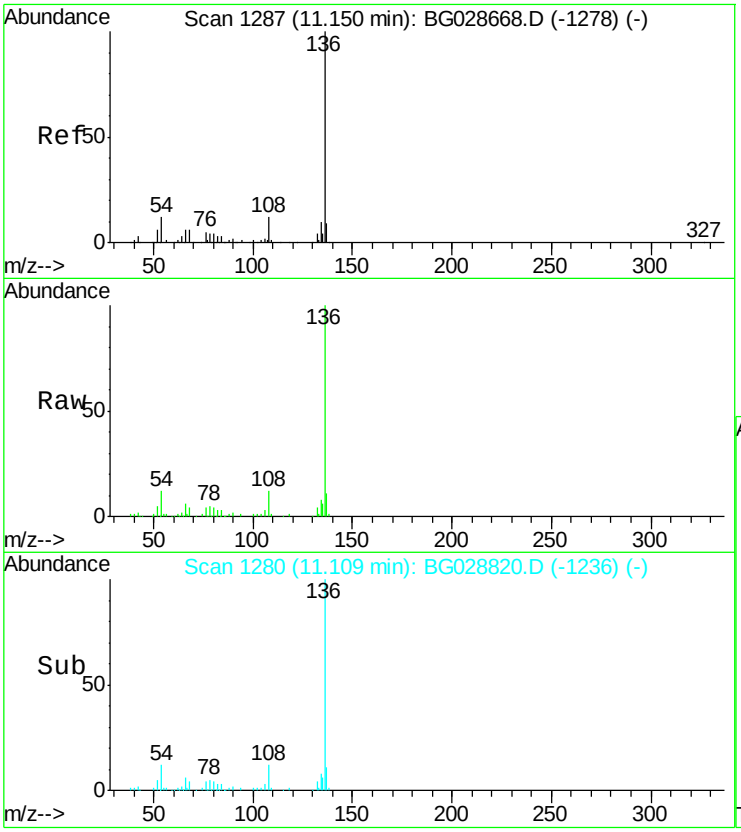


#10
Phenol
Concen: 2.38 ng
RT: 7.48 min Scan# 662
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion: 94 Resp: 6270

Ion	Ratio	Lower	Upper
94	100		
65	33.2	20.6	60.6
66	31.5	35.5	75.5#



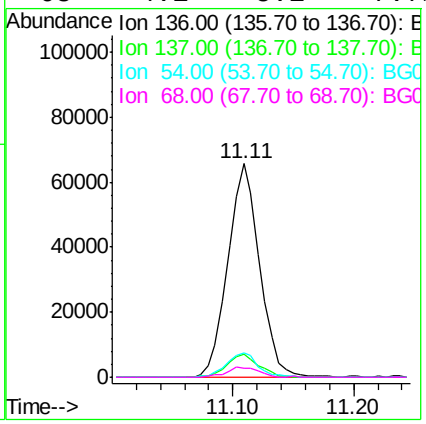


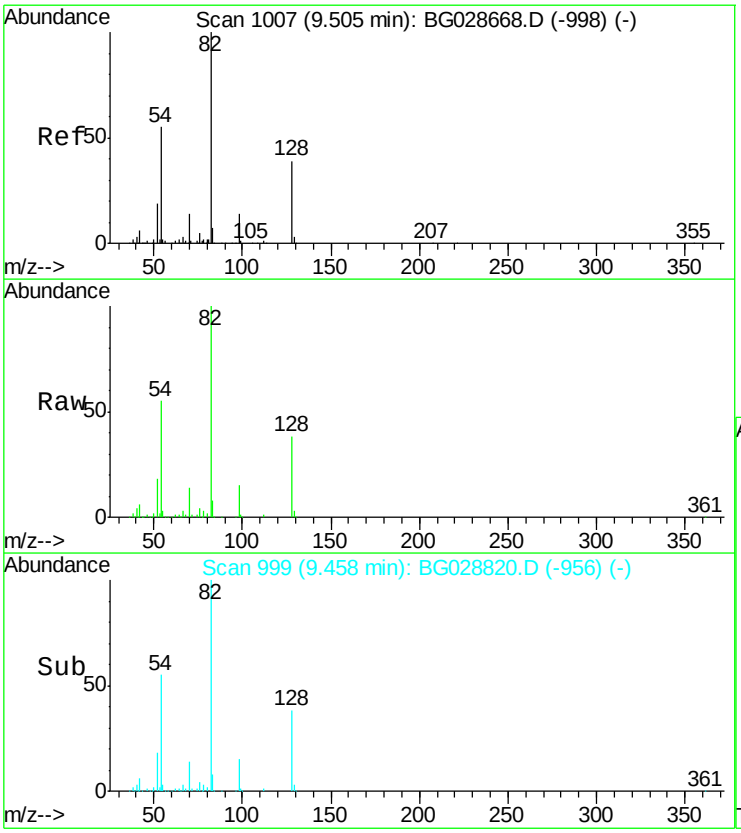
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 119695

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.7	9.3	13.9
68	4.1	5.1	7.7#

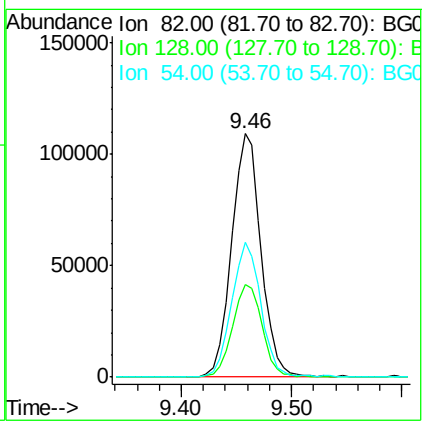


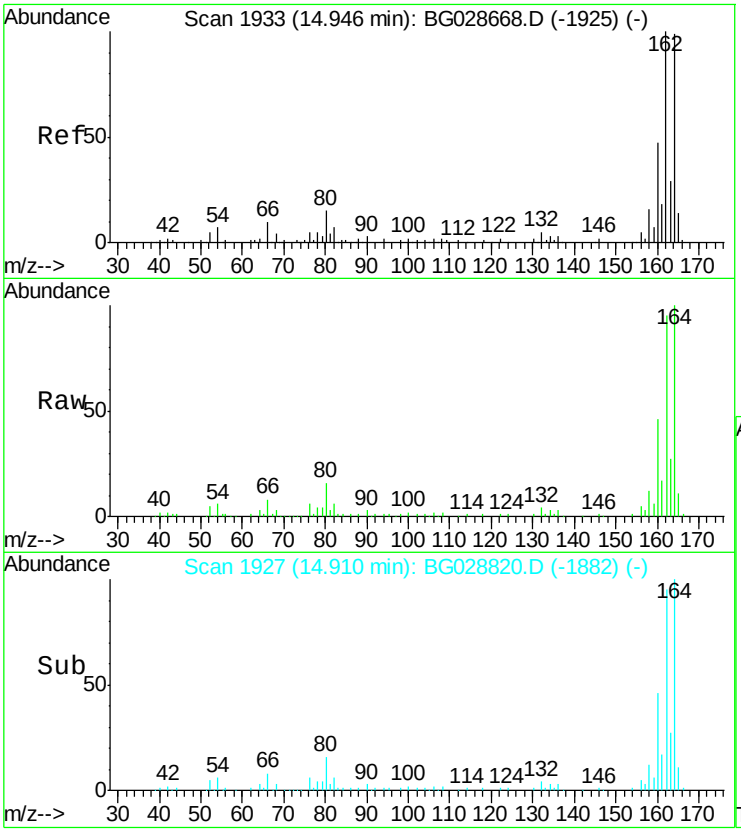


#23
Nitrobenzene-d5
Concen: 81.36 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion: 82 Resp: 203563

Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	55.1	49.4	74.2



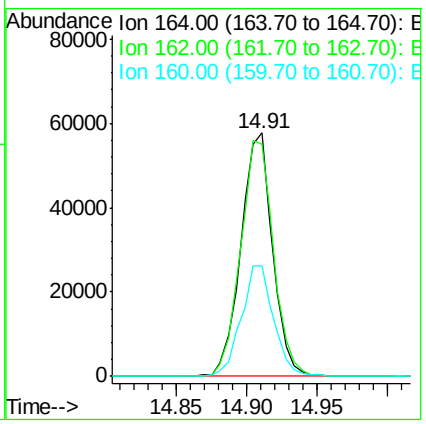


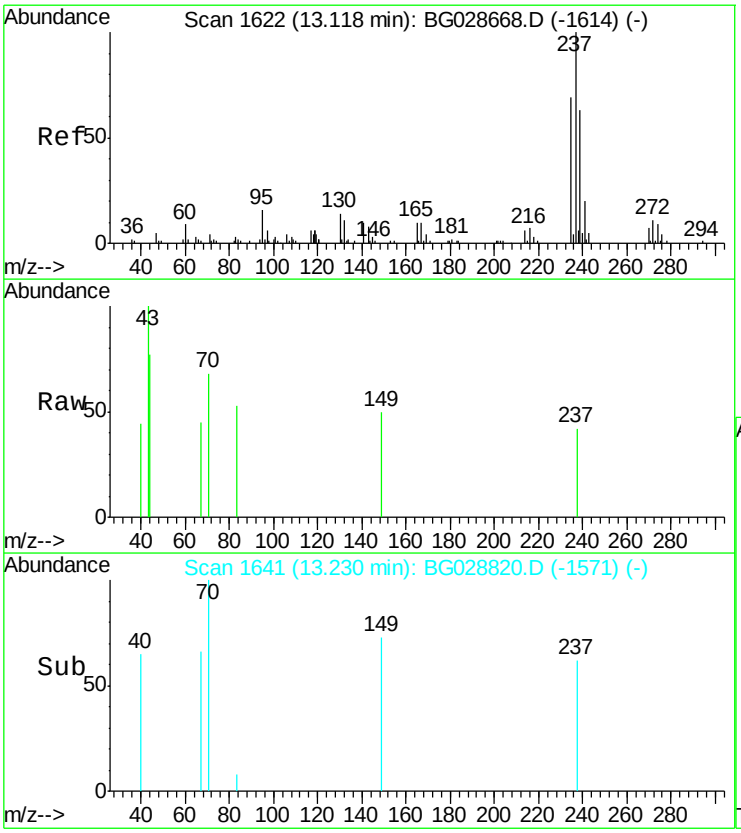
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 90623

Ion	Ratio	Lower	Upper
164	100		
162	95.5	85.1	127.7
160	45.6	34.7	52.1

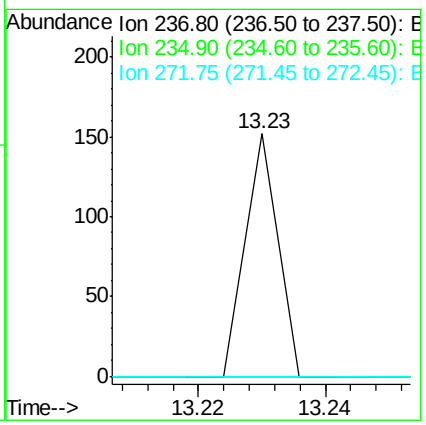


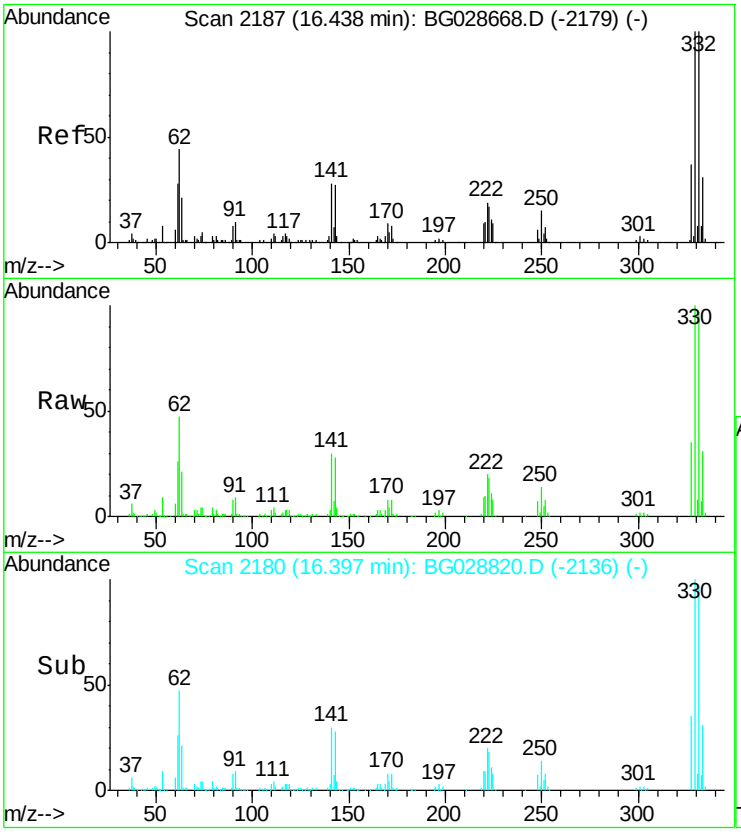


#40
Hexachlorocyclopentadiene
Concen: 7.64 ng
RT: 13.23 min Scan# 1641
Delta R.T. 0.11 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:237 Resp: 54

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



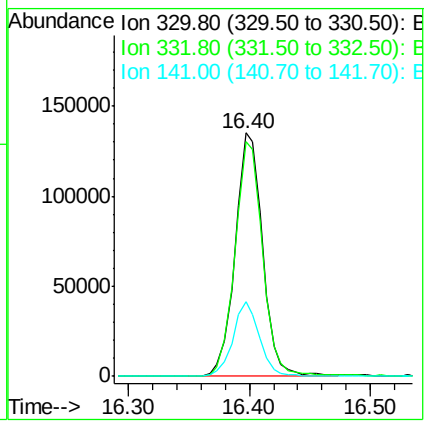


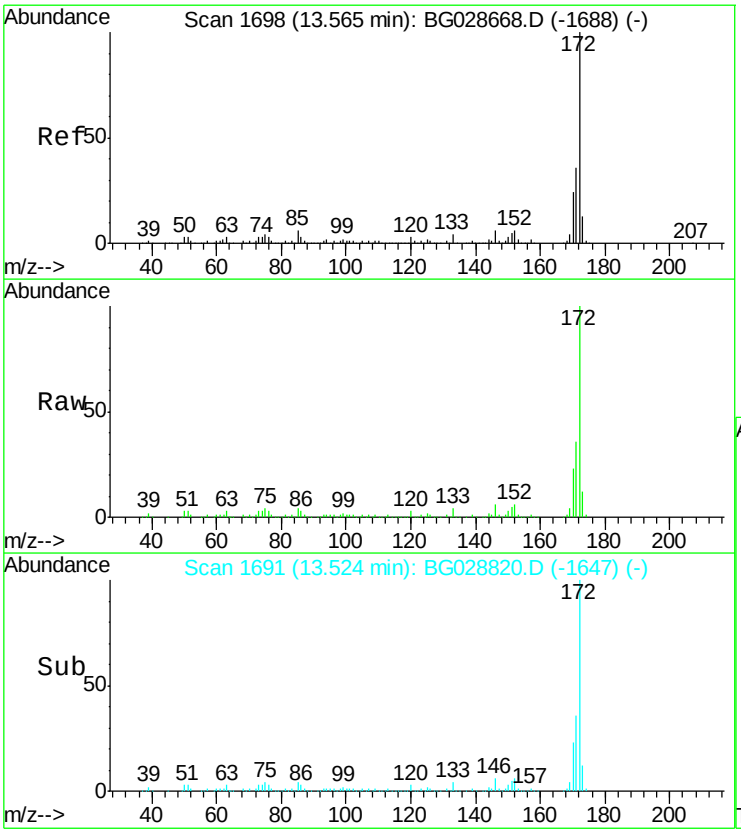
#41
2,4,6-Tribromophenol
Concen: 142.63 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 213777

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	30.1	32.1	48.1#

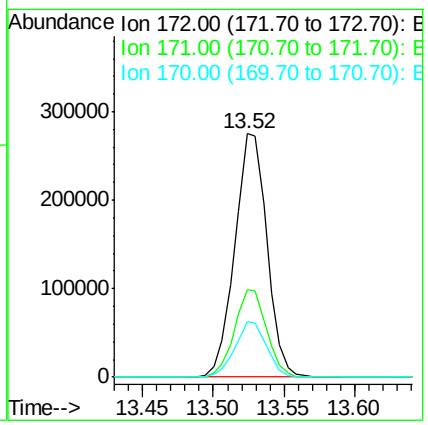


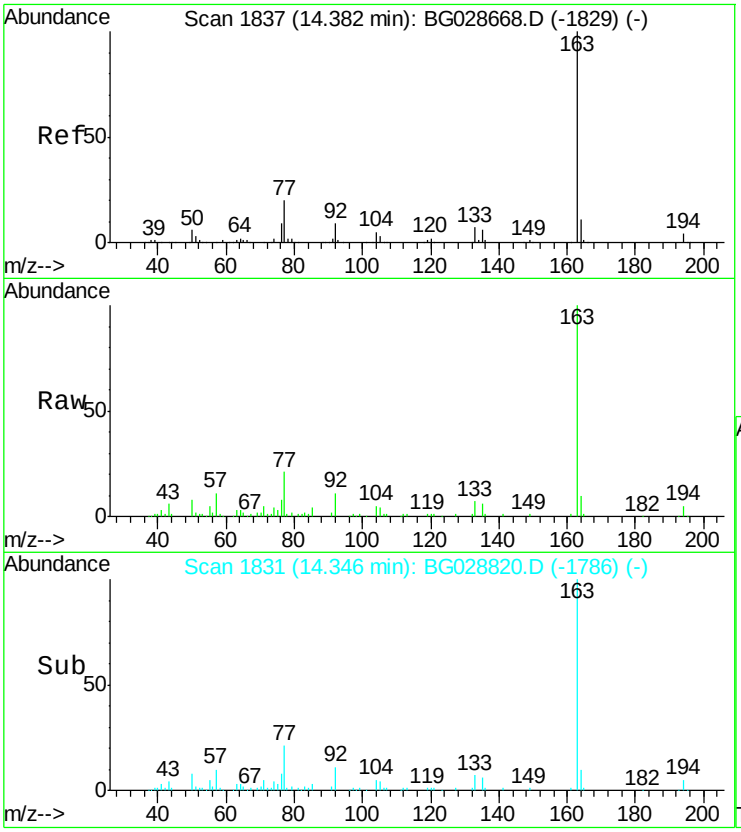


#44
2-Fluorobiphenyl
Concen: 64.29 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:172 Resp: 436965

Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	22.6	21.8	32.6



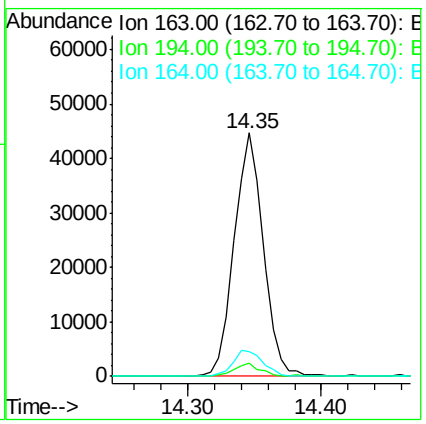


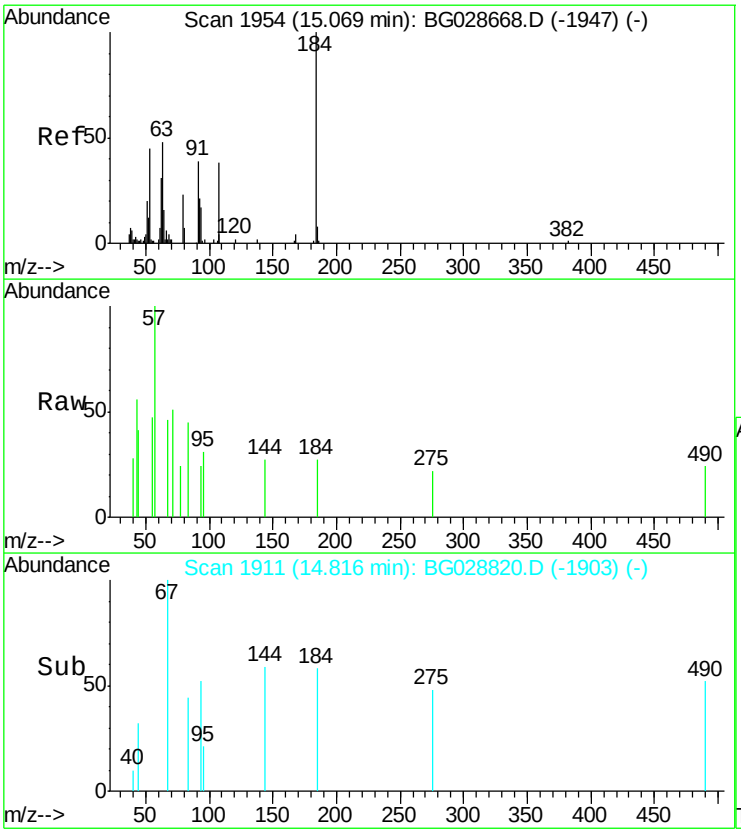
#49
Dimethylphthalate
Concen: 8.87 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 67385

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.6
164	10.2	9.3	13.9

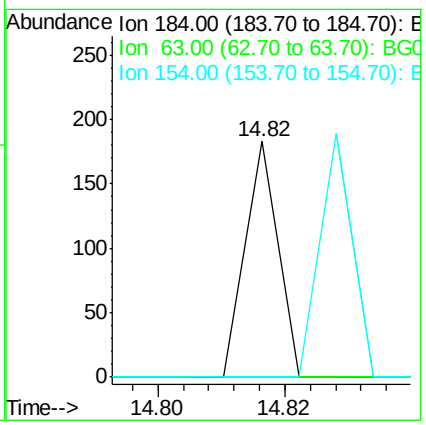


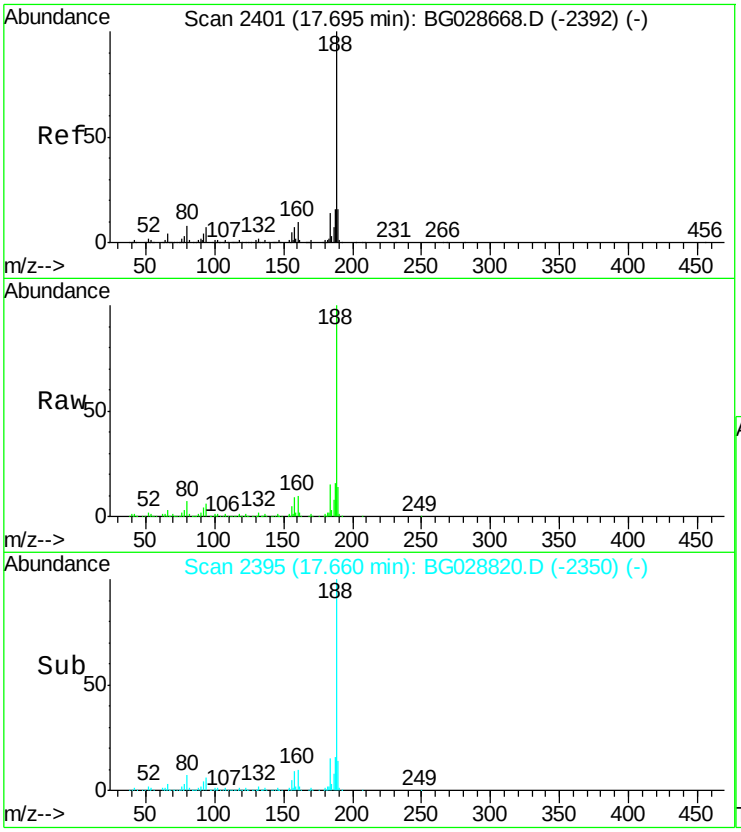


#53
2,4-Dinitrophenol
Concen: 8.07 ng
RT: 14.82 min Scan# 1911
Delta R.T. -0.25 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:184 Resp: 65

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



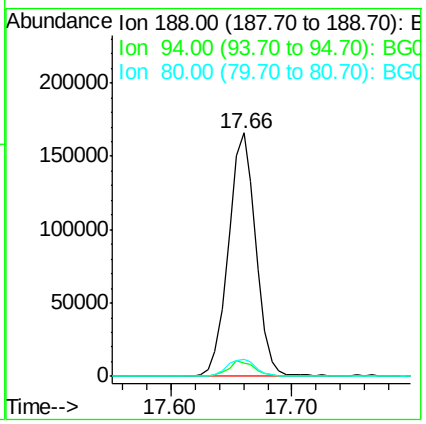


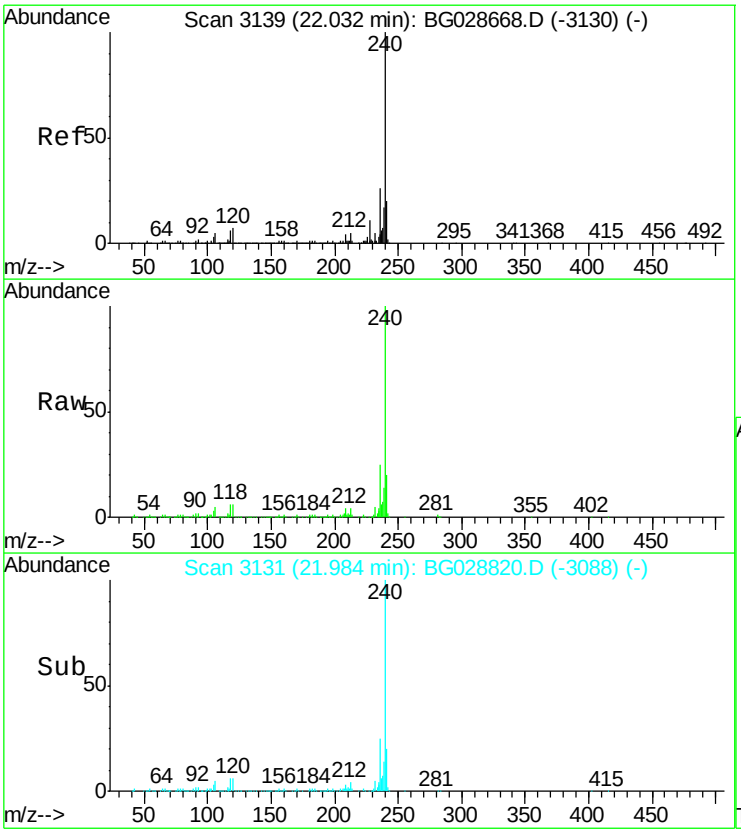
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 261444

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.8	8.8#
80	6.9	7.5	11.3#

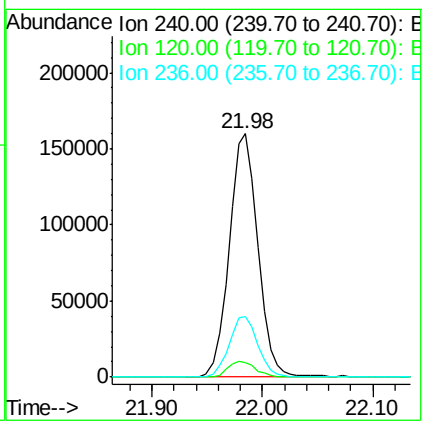


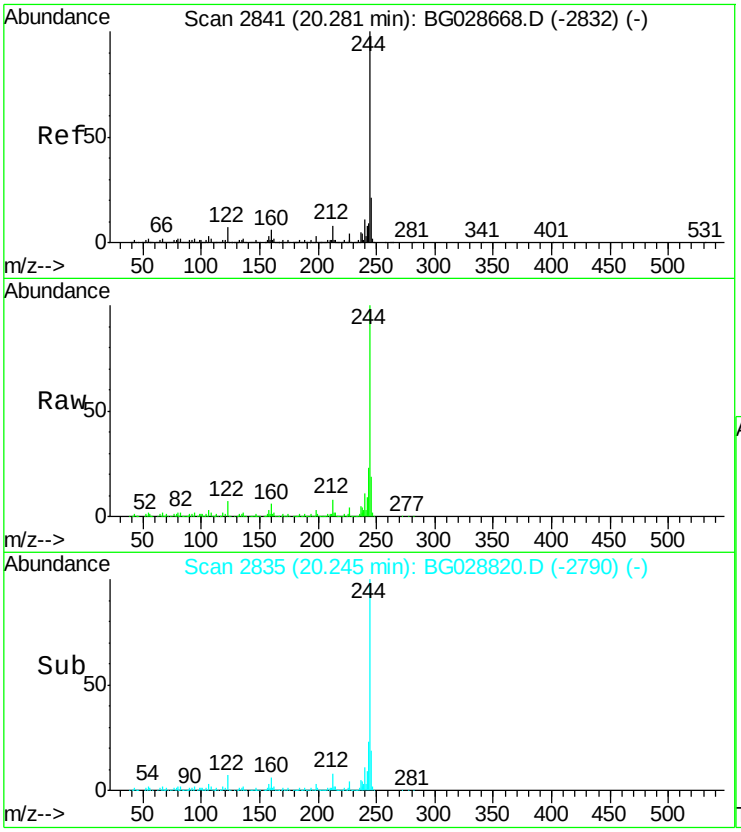


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:240 Resp: 291171

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	24.8	22.2	33.4



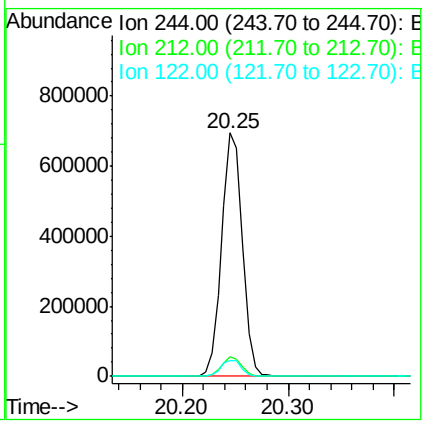


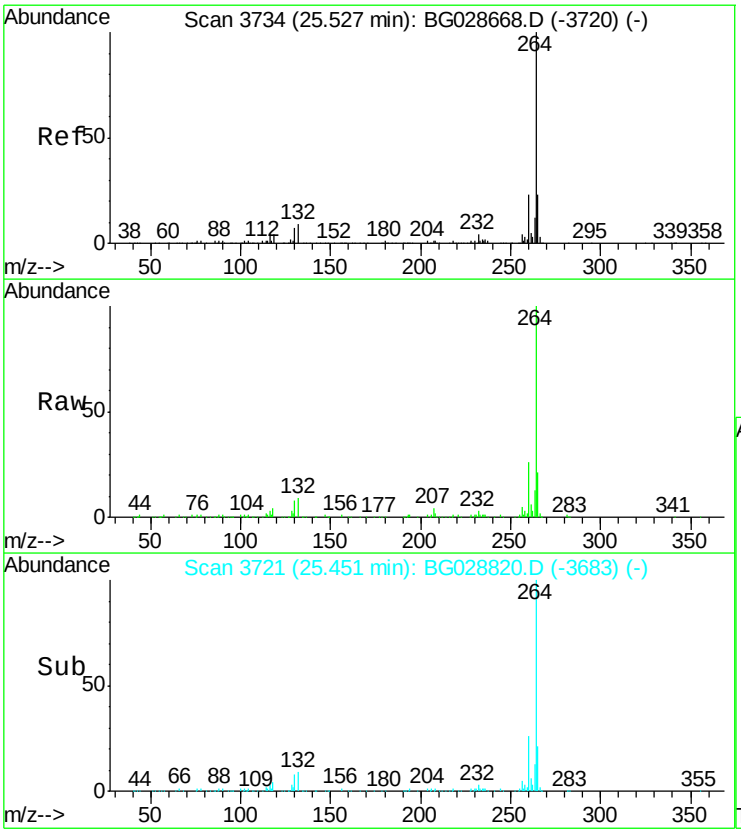
#78
Terphenyl-d14
Concen: 69.40 ng
RT: 20.25 min Scan# 2835
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 947527

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:264 Resp: 302245

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.8	32.8
265	21.2	18.2	27.4