Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037861.D
Acq On : 7 Nov 2018 12:12
Operator : JU/SJ
Sample : J5820-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS093081

Quant Time: Nov 07 13:19:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59398	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	266452	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	177769	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	383317	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	342964	20.00	ng		-0.02
87) Perylene-d12	25.09	264	304439	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	200875	56.54	ng		-0.01
7) Phenol-d6	7.24	99	185419	34.51	ng		-0.02
23) Nitrobenzene-d5	9.27	82	409764	86.15	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	234877	121.14	ng		-0.02
45) 2-Fluorobiphenyl	13.35	172	995786	84.47	ng		-0.02
79) Terphenyl-d14	20.07	244	1357978	84.61	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.26	94	11932	2.105	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.34	232	12373	3.465	ng	#	88
70) Pentachlorophenol	17.11	266	173702	59.440	ng		97

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

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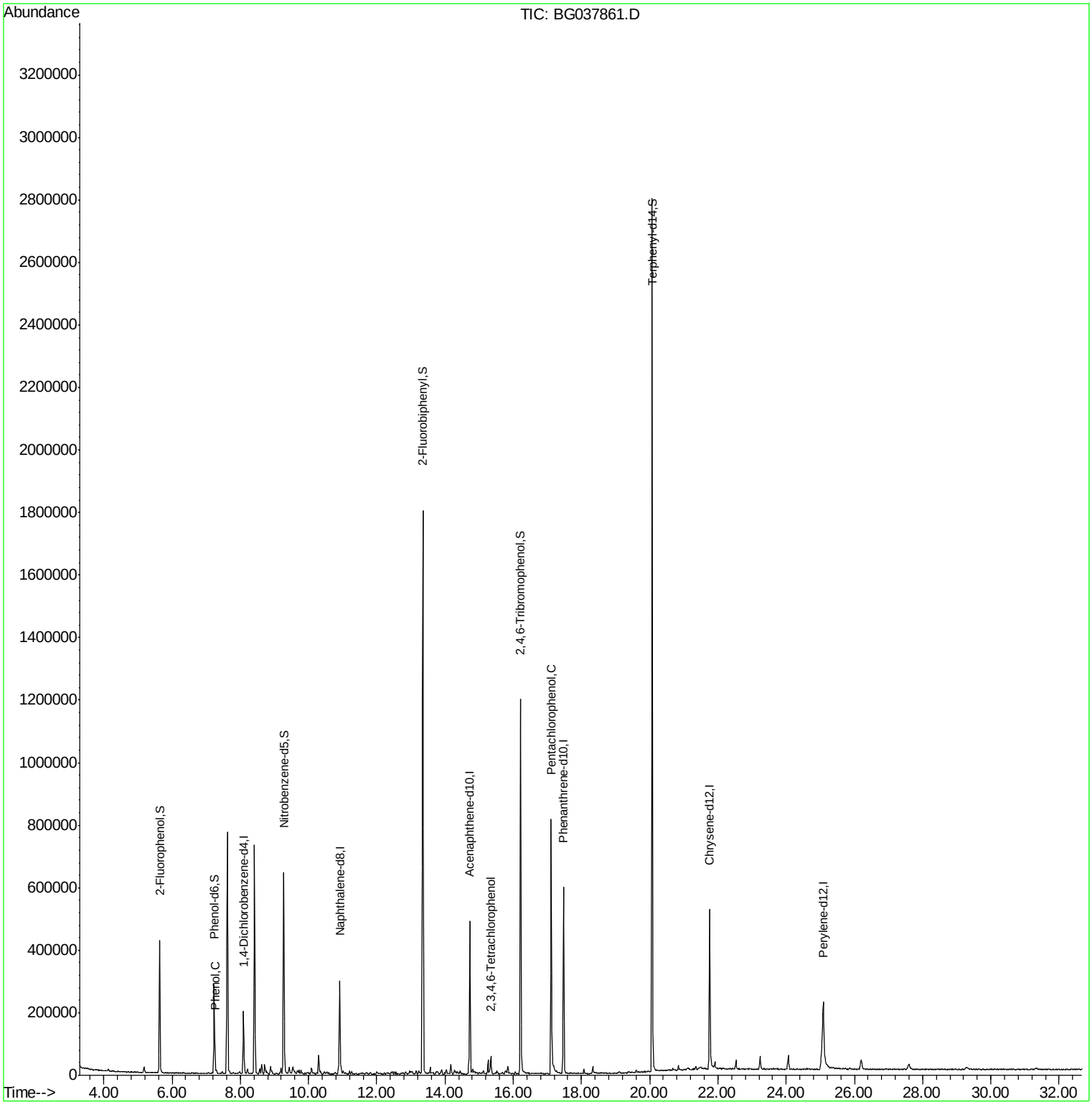
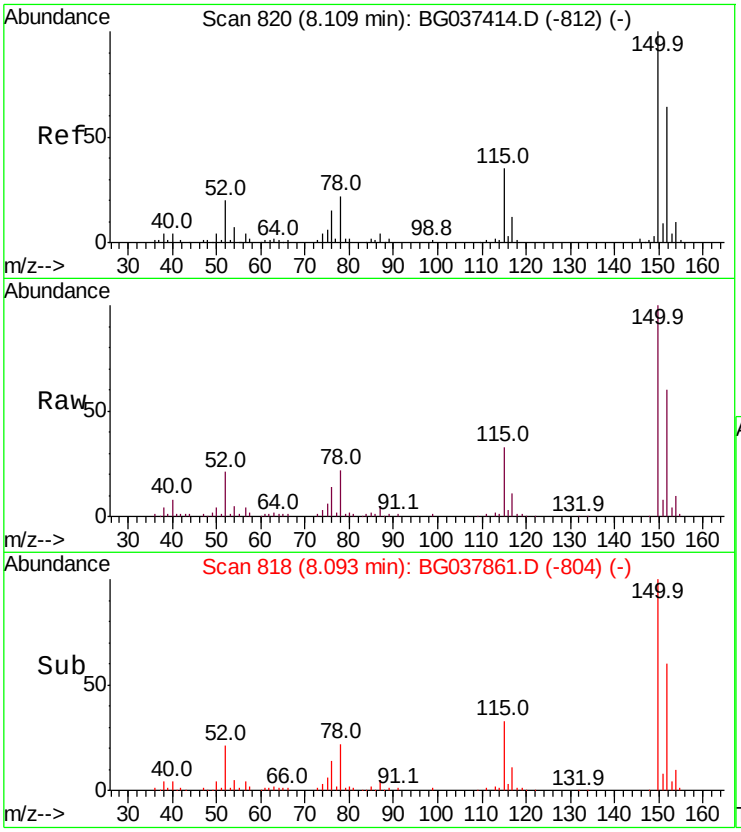


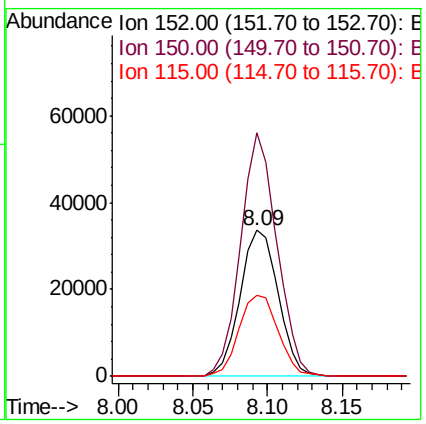


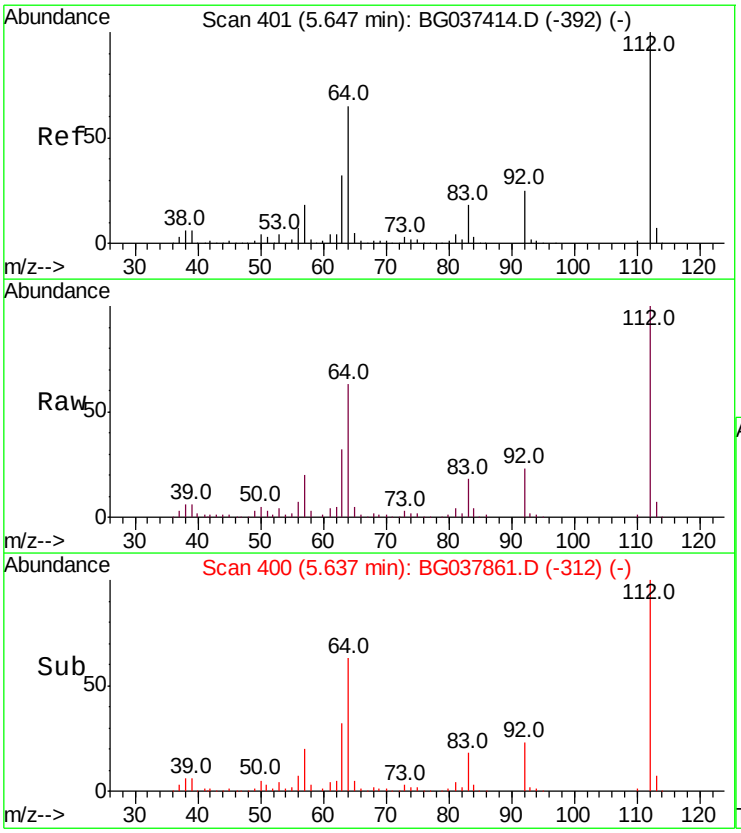
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:152 Resp: 59398

Ion	Ratio	Lower	Upper
152	100		
150	166.5	126.0	189.0
115	55.2	45.5	68.3

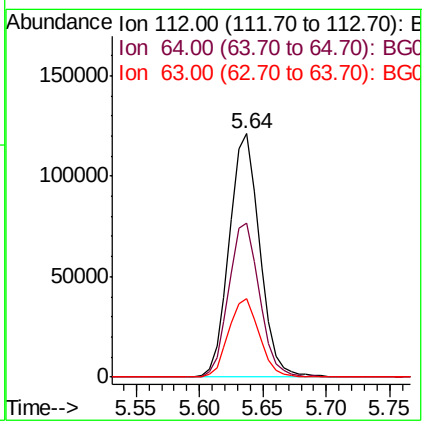


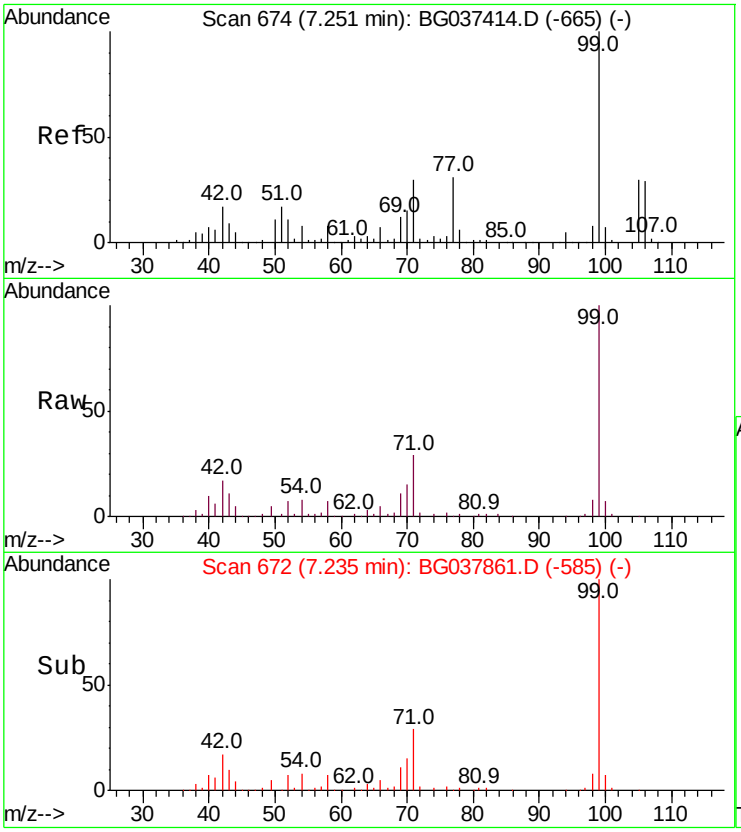


#5
2-Fluorophenol
Concen: 56.540 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:112 Resp: 200875

Ion	Ratio	Lower	Upper
112	100		
64	63.3	53.1	79.7
63	32.2	27.3	40.9



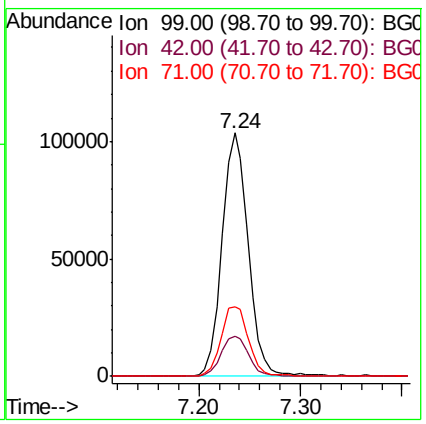


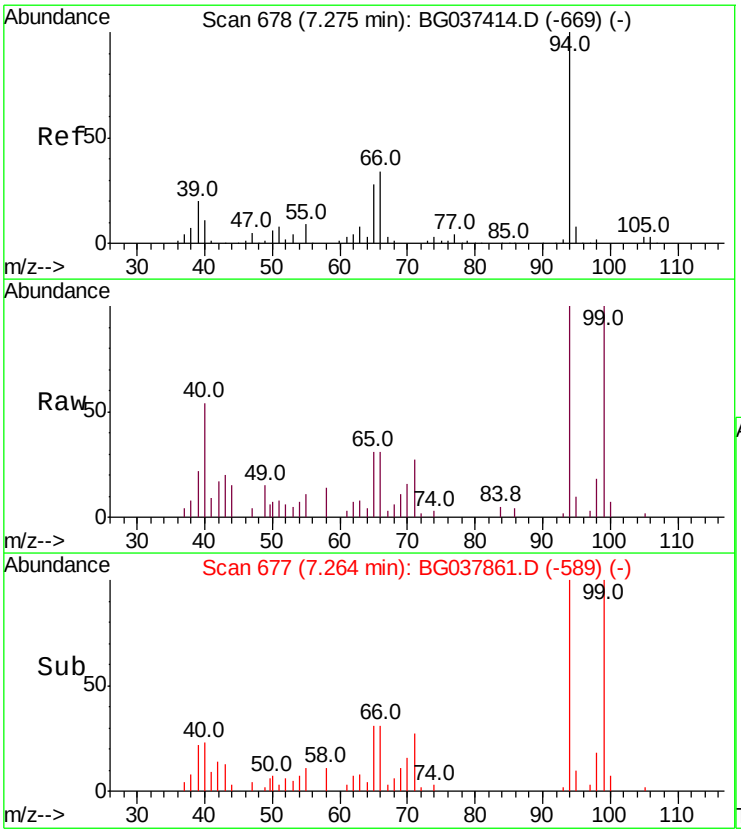
#7
Phenol-d6
Concen: 34.514 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion: 99 Resp: 185419

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	28.7	25.5	38.3

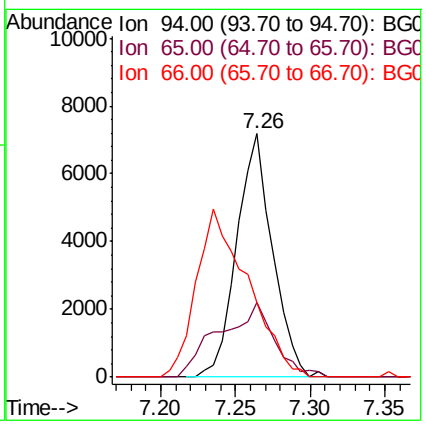


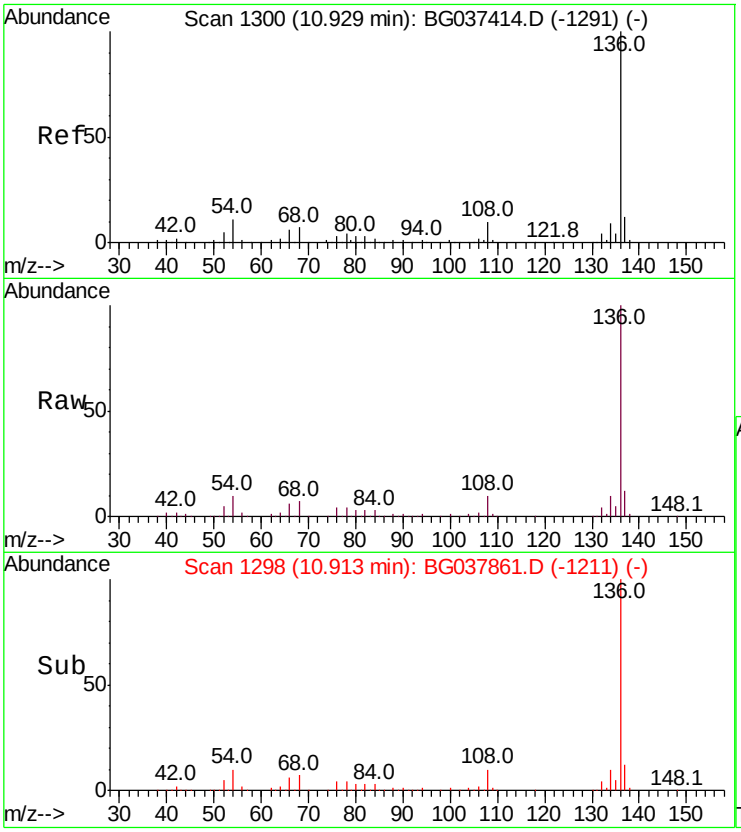


#10
Phenol
Concen: 2.105 ng
RT: 7.26 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion: 94 Resp: 11932

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.7	49.7
66	30.7	15.9	55.9



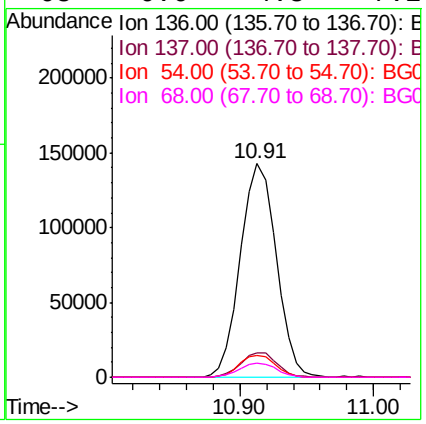


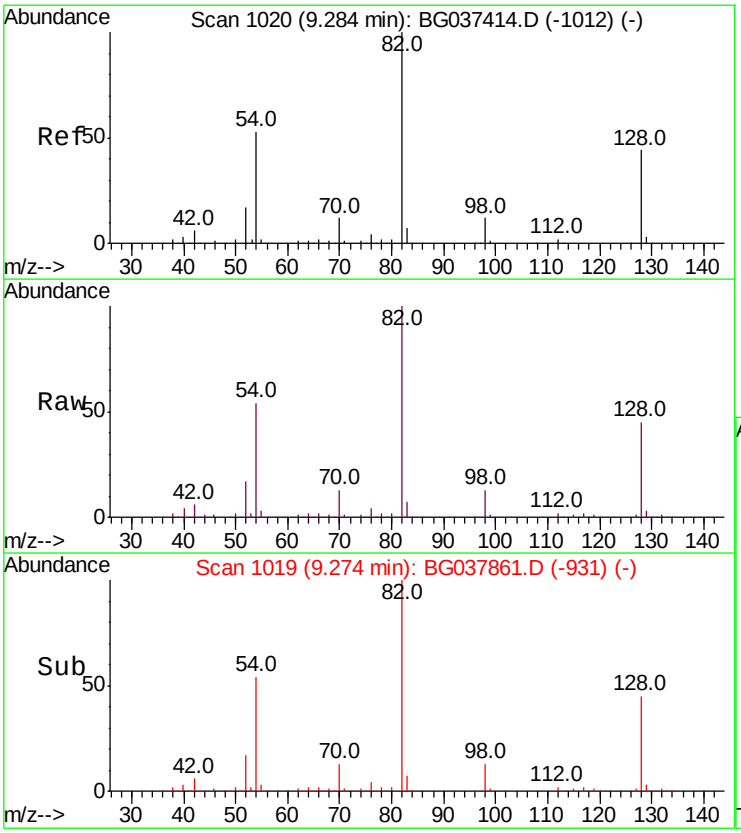
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:136 Resp: 266452

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.6	4.8	7.2

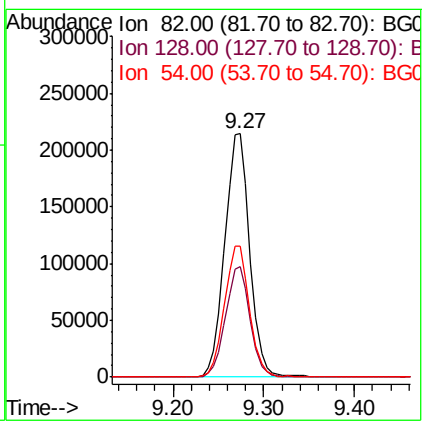


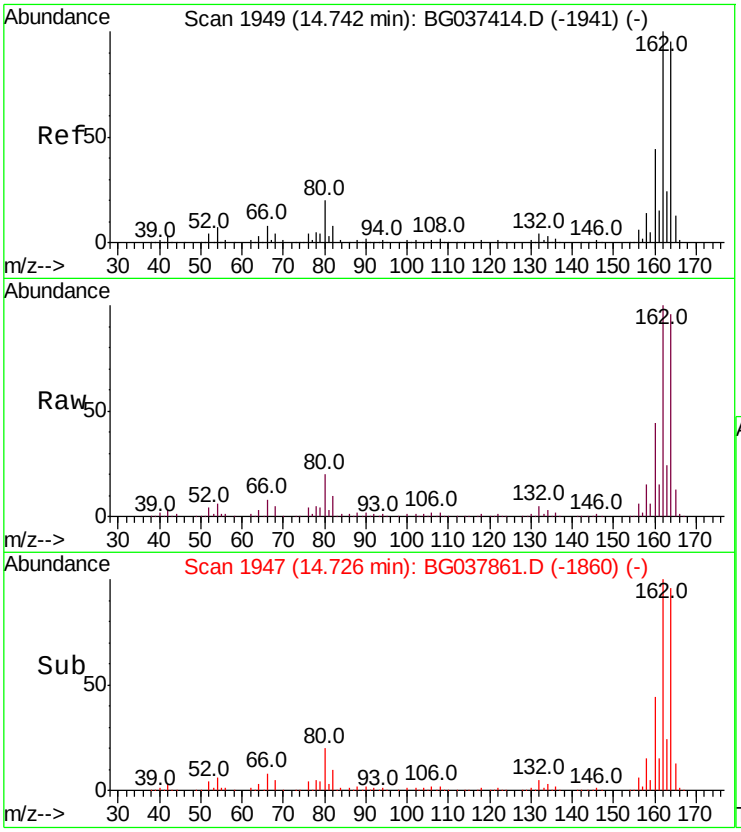


#23
Nitrobenzene-d5
Concen: 86.149 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion: 82 Resp: 409764

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	53.7	45.3	67.9



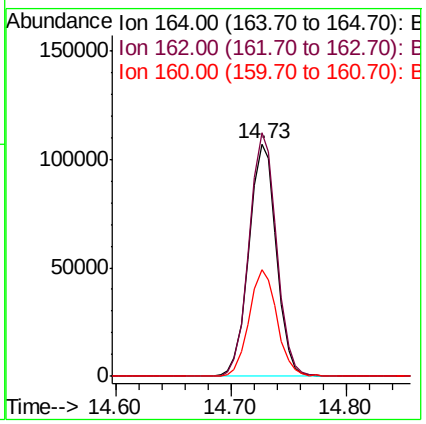


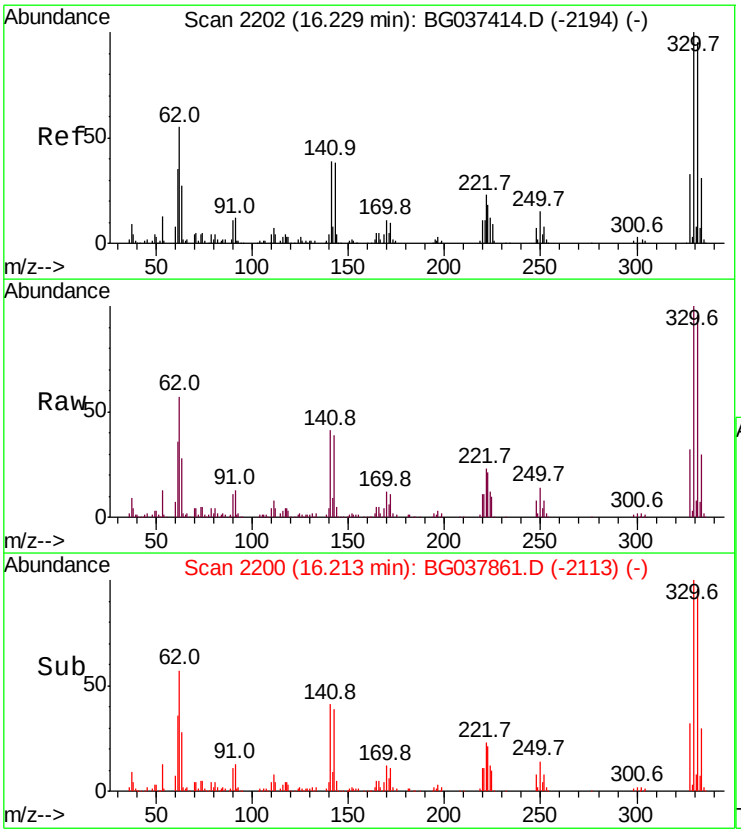
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:164 Resp: 177769

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.3	121.9
160	46.1	36.3	54.5

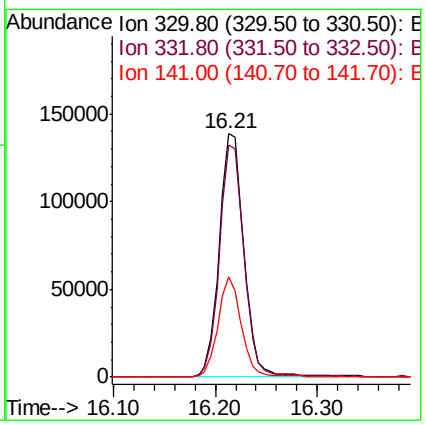


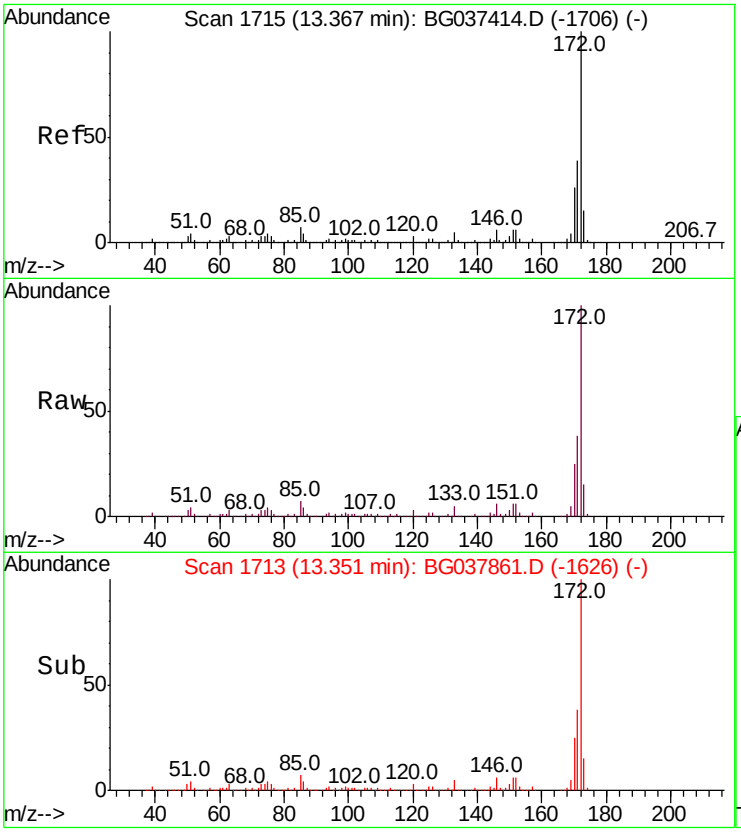


#42
2,4,6-Tribromophenol
Concen: 121.139 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:330 Resp: 234877

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	39.3	32.2	48.2



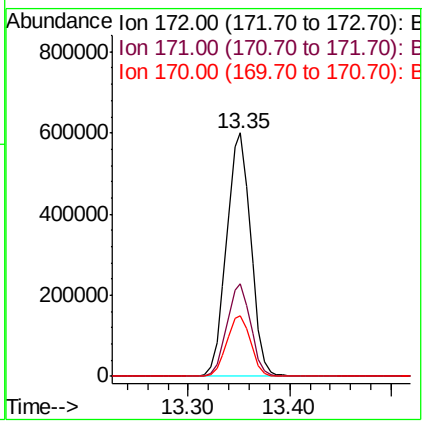


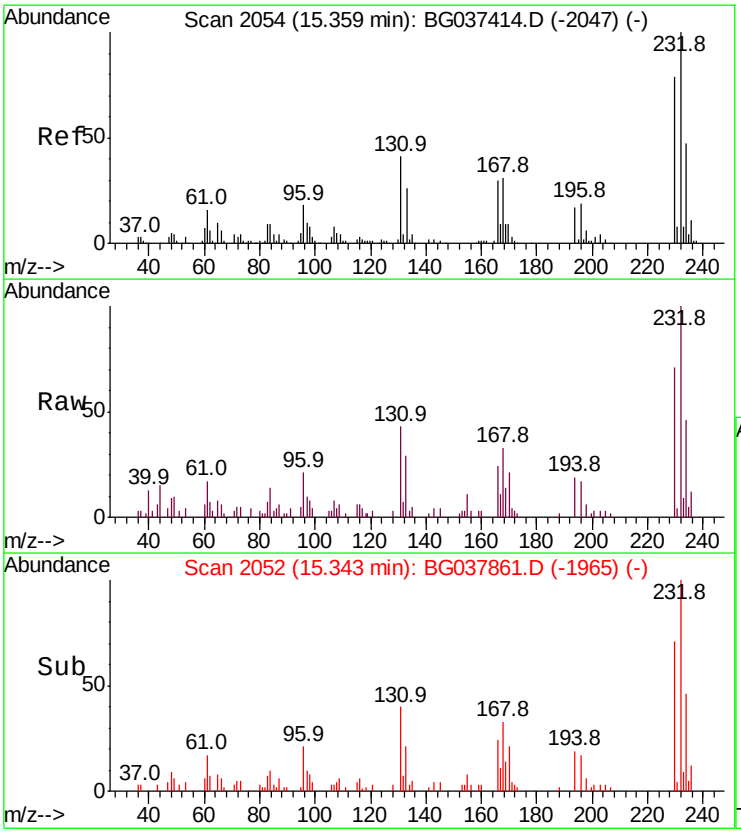
#45
2-Fluorobiphenyl
Concen: 84.469 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:172 Resp: 995786

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.0	20.2	30.2

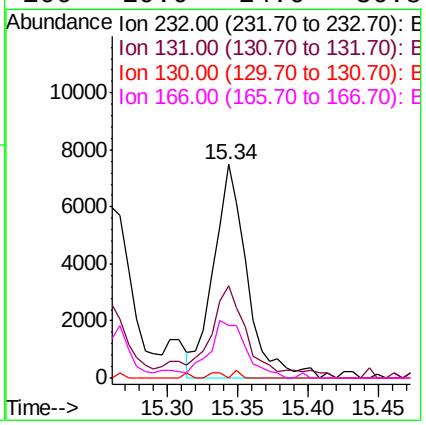


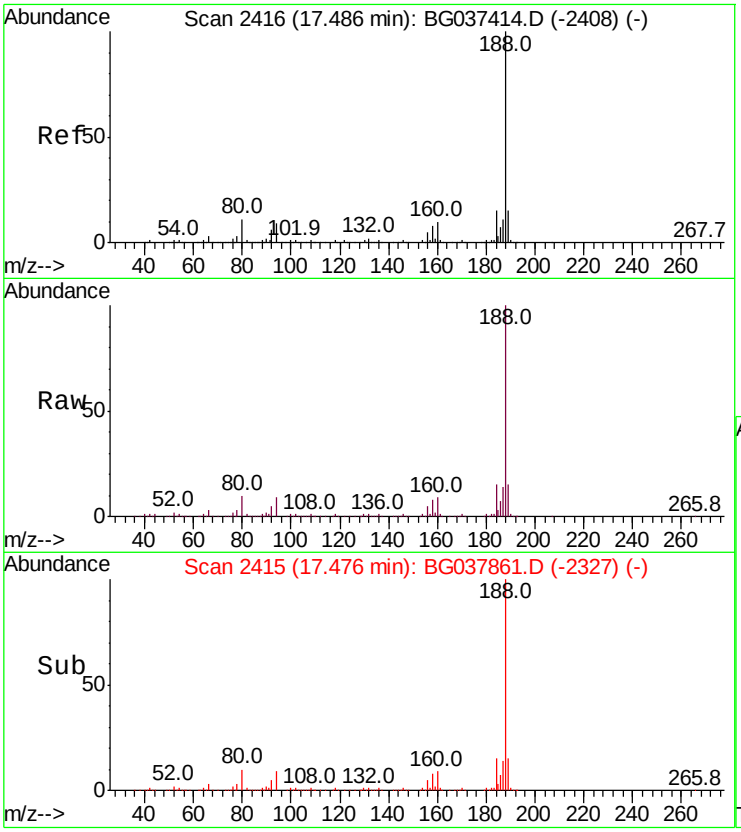


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.465 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:232 Resp: 12373

Ion	Ratio	Lower	Upper
232	100		
131	53.7	33.7	50.5#
130	1.1	2.1	3.1#
166	29.0	24.6	36.8



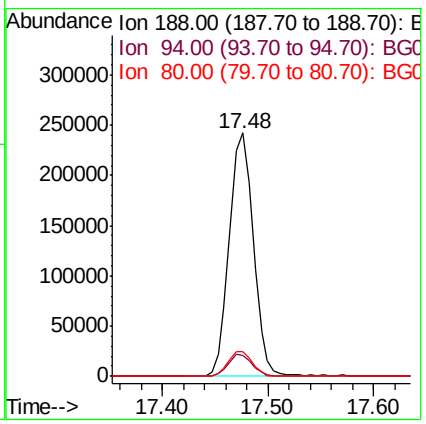


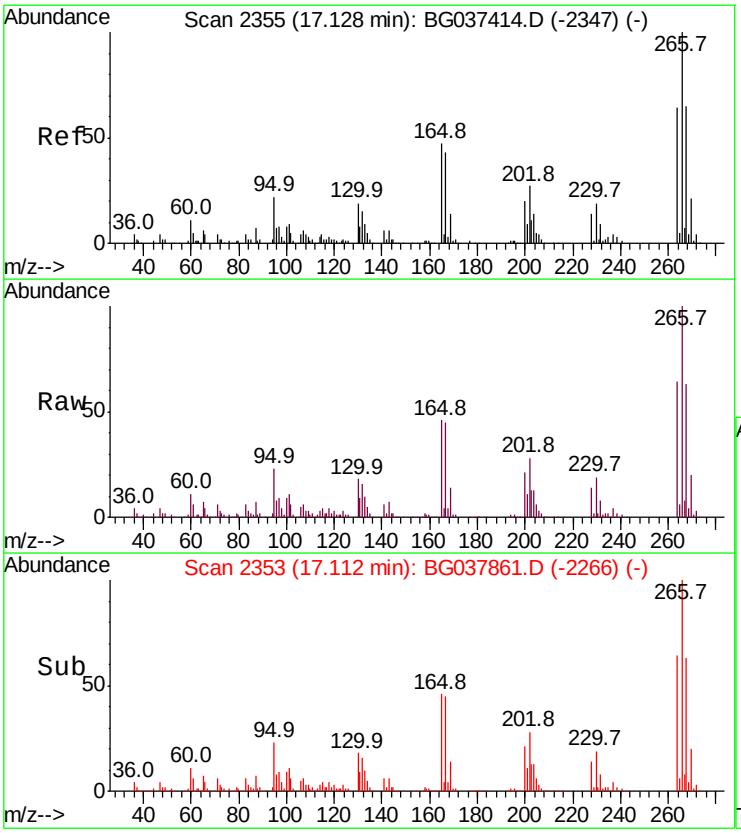
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:188 Resp: 383317

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.4	7.7	11.5

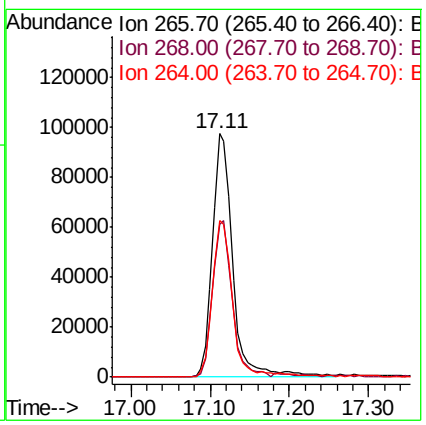


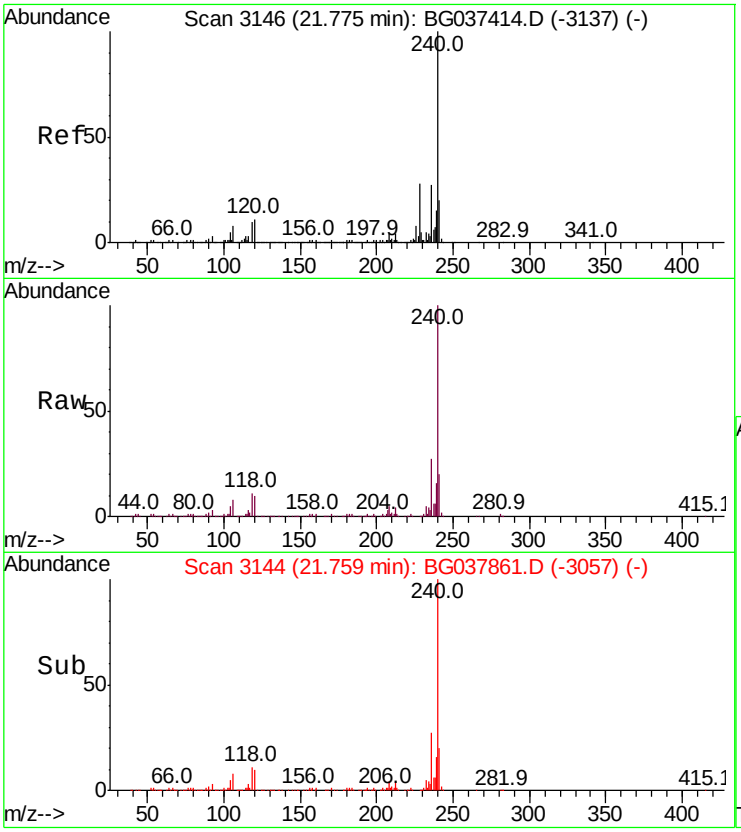


#70
Pentachlorophenol
Concen: 59.440 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:266 Resp: 173702

Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.0	82.6
264	70.2	58.9	88.3



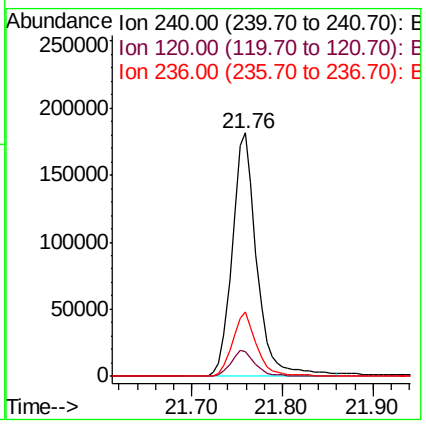


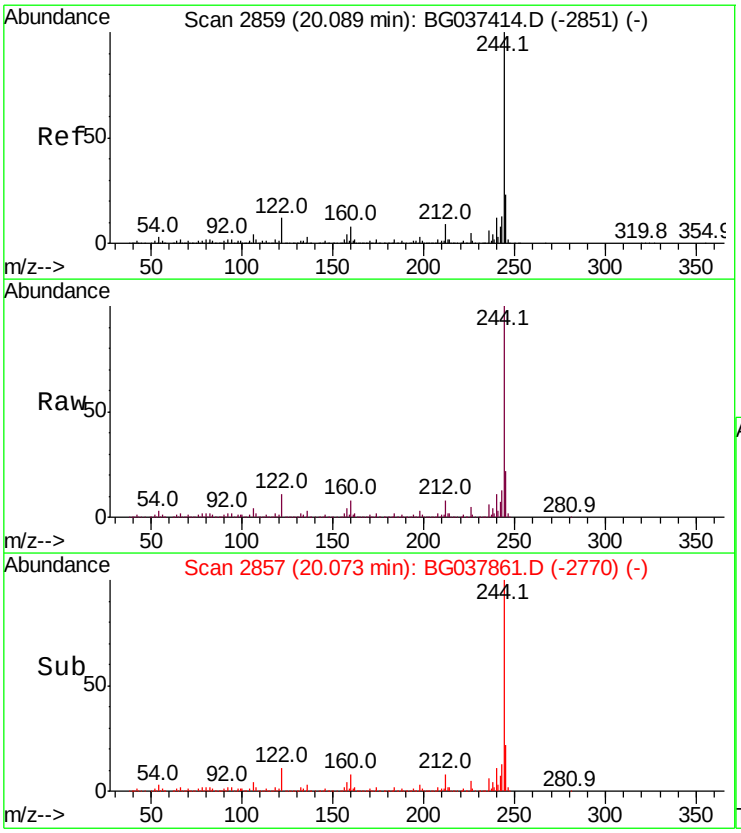
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:240 Resp: 342964

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	26.6	21.4	32.0

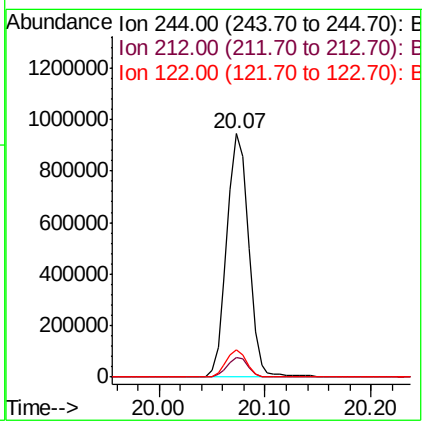


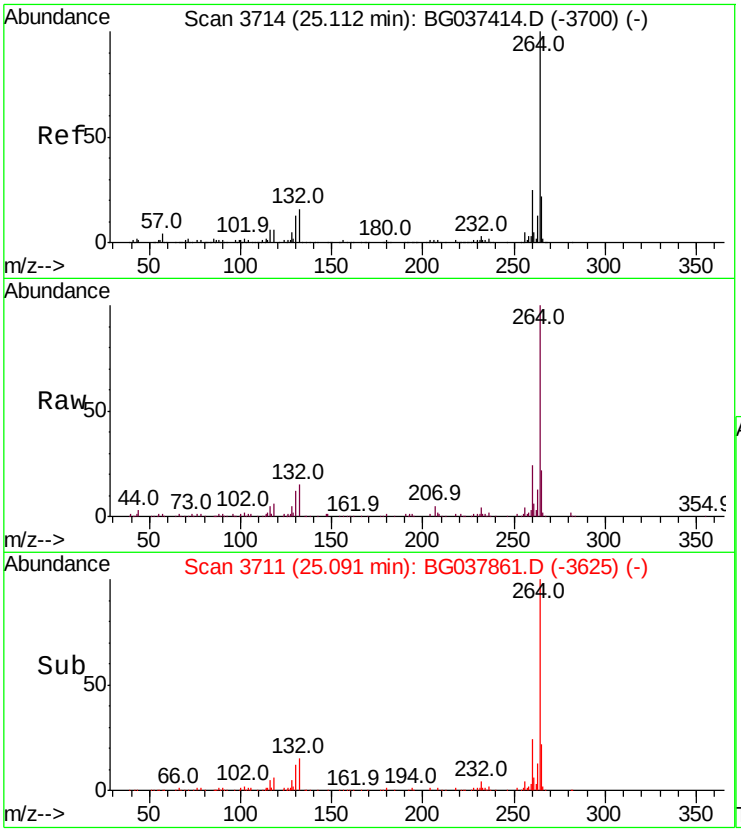


#79
Terphenyl-d14
Concen: 84.606 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:244 Resp: 1357978

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:264 Resp: 304439

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.7	17.9	26.9