Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043089.D
Acq On : 8 Oct 2019 17:22
Operator : JU
Sample : K5141-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-100419

Quant Time: Oct 09 02:15:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63526	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	232151	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	159655	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	387188	20.00	ng		0.00
76) Chrysene-d12	21.68	240	443695	20.00	ng		0.00
87) Perylene-d12	24.90	264	509095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	392654	110.31	ng		0.00
7) Phenol-d6	7.23	99	556369	108.54	ng		0.00
23) Nitrobenzene-d5	9.22	82	339620	71.11	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	351067	127.88	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	861035	78.18	ng		0.00
79) Terphenyl-d14	20.03	244	1771354	85.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	14243	3.028	ng		89
50) Dimethylphthalate	14.13	163	126865	10.605	ng	#	98

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

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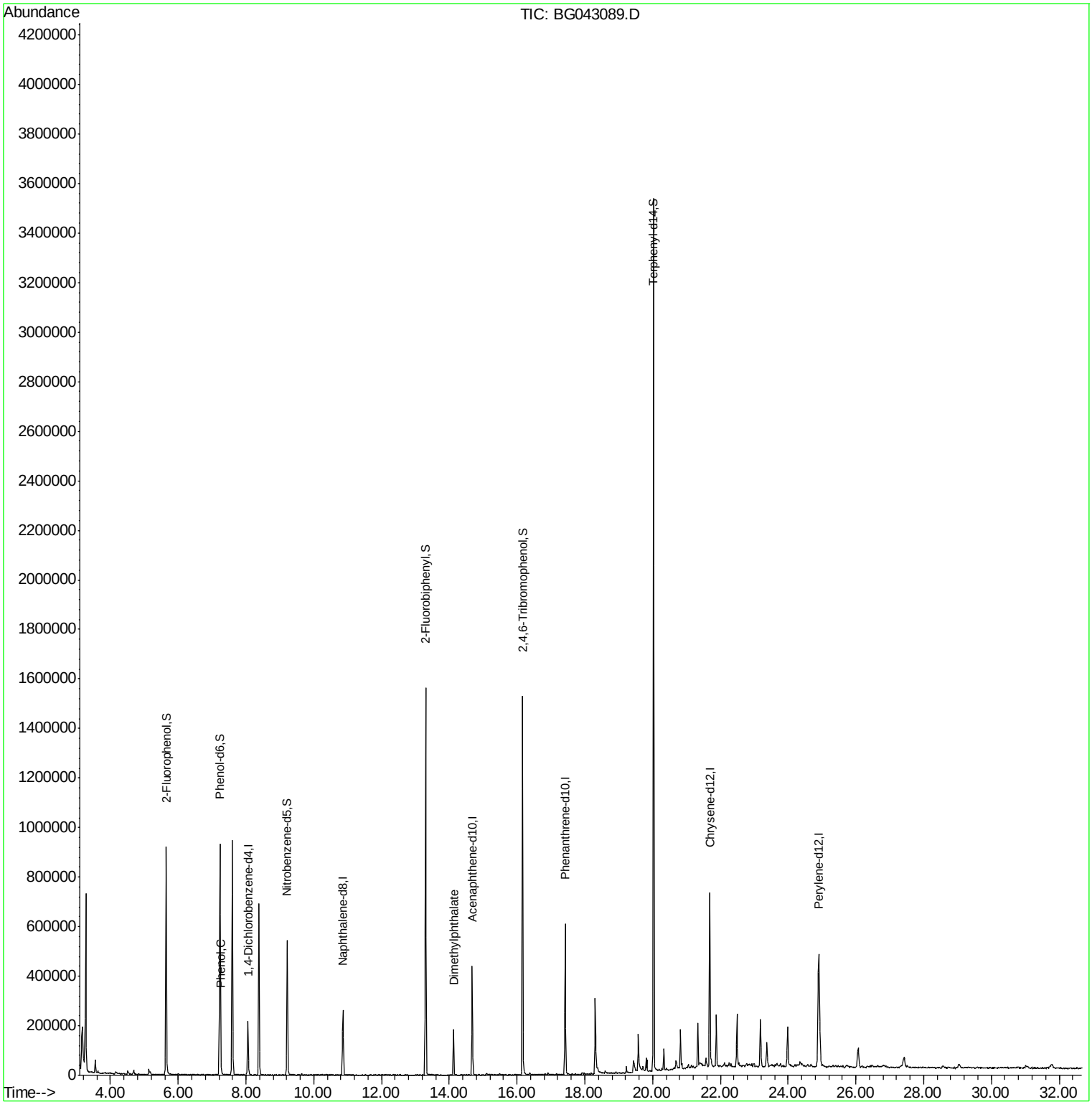
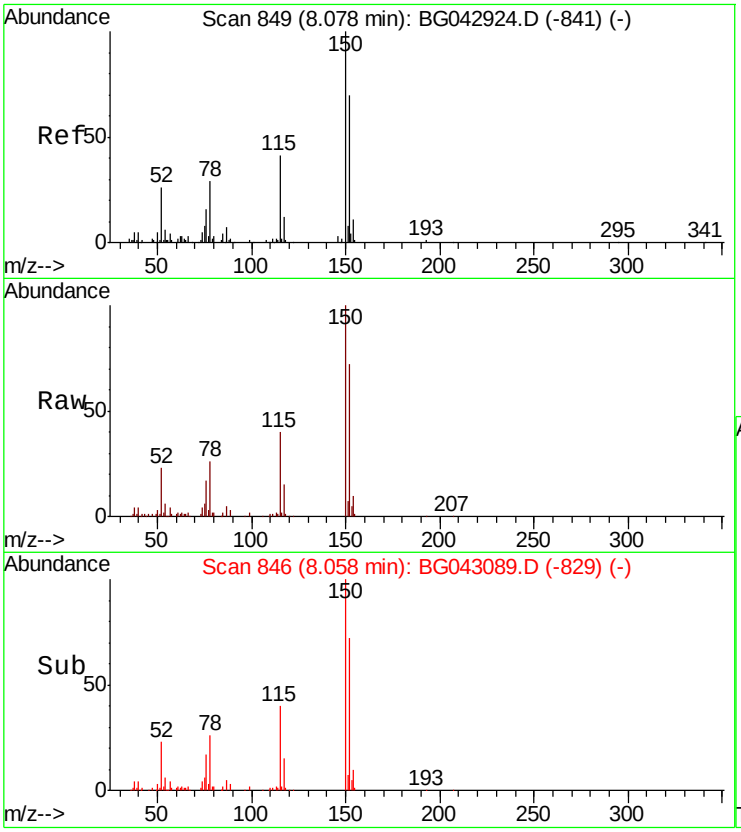


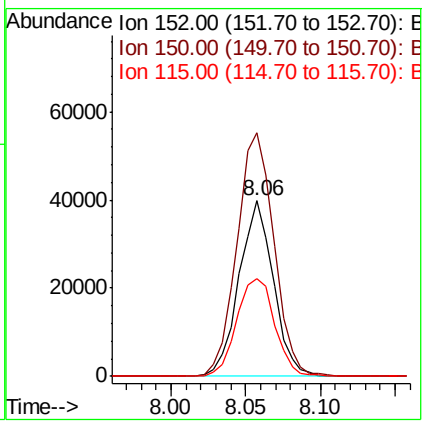


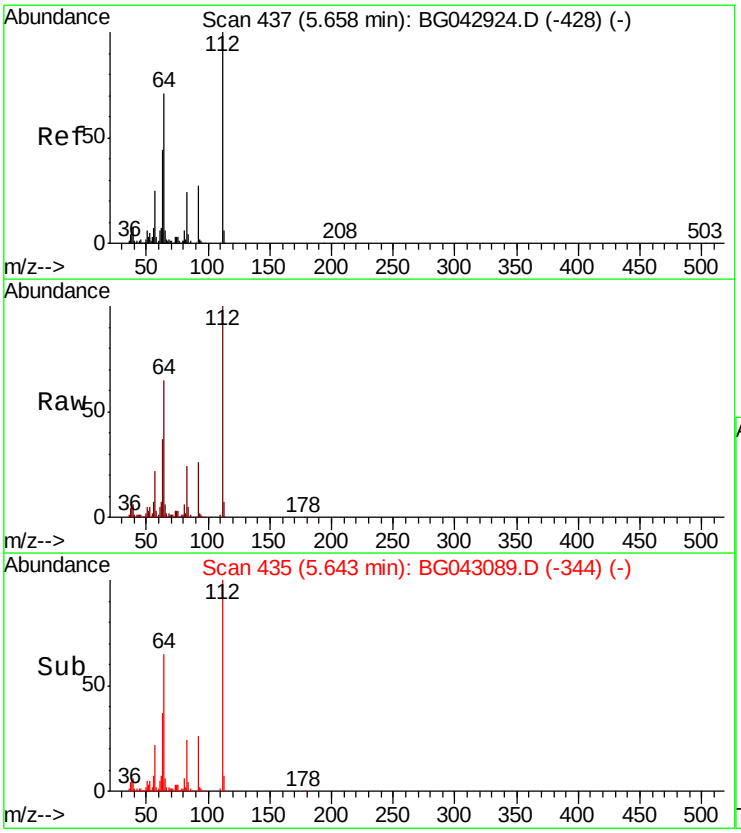
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:152 Resp: 63526

Ion	Ratio	Lower	Upper
152	100		
150	138.8	115.0	172.4
115	55.3	47.0	70.6

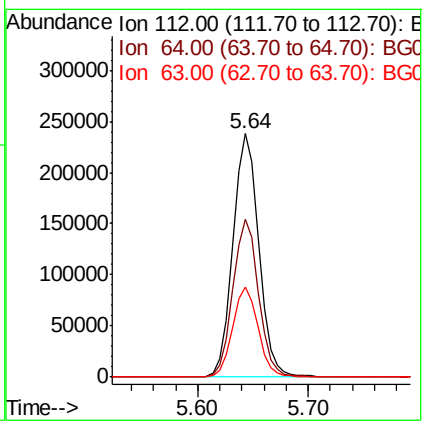


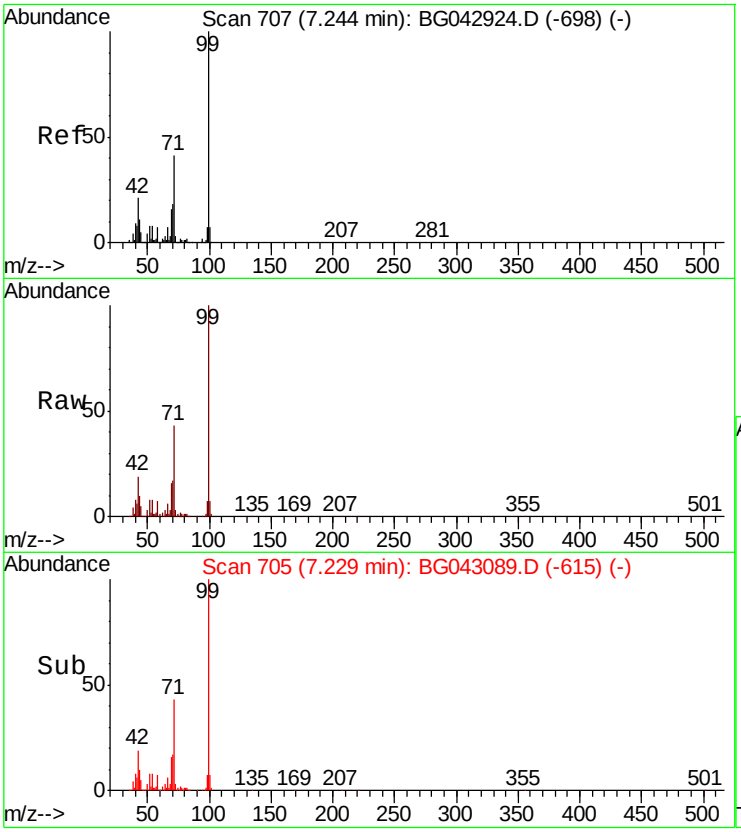


#5
2-Fluorophenol
Concen: 110.307 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:112 Resp: 392654

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.6	84.8
63	37.2	35.1	52.7



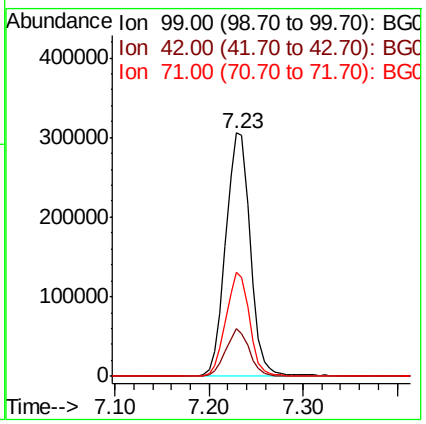


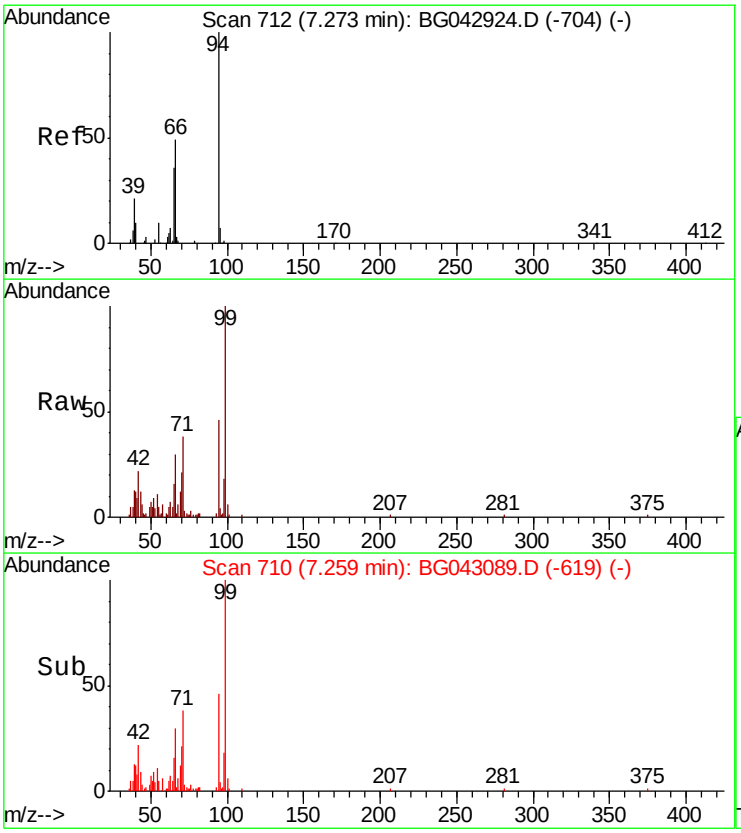
#7
Phenol-d6
Concen: 108.537 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion: 99 Resp: 556369

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.2	25.8
71	42.5	33.1	49.7

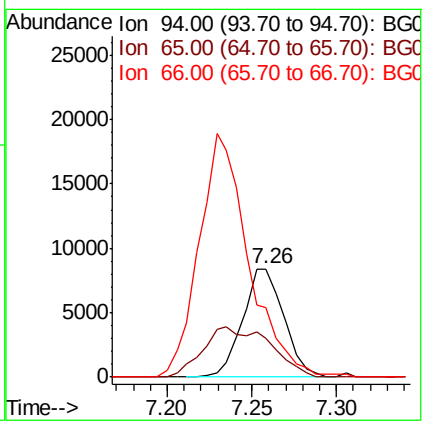


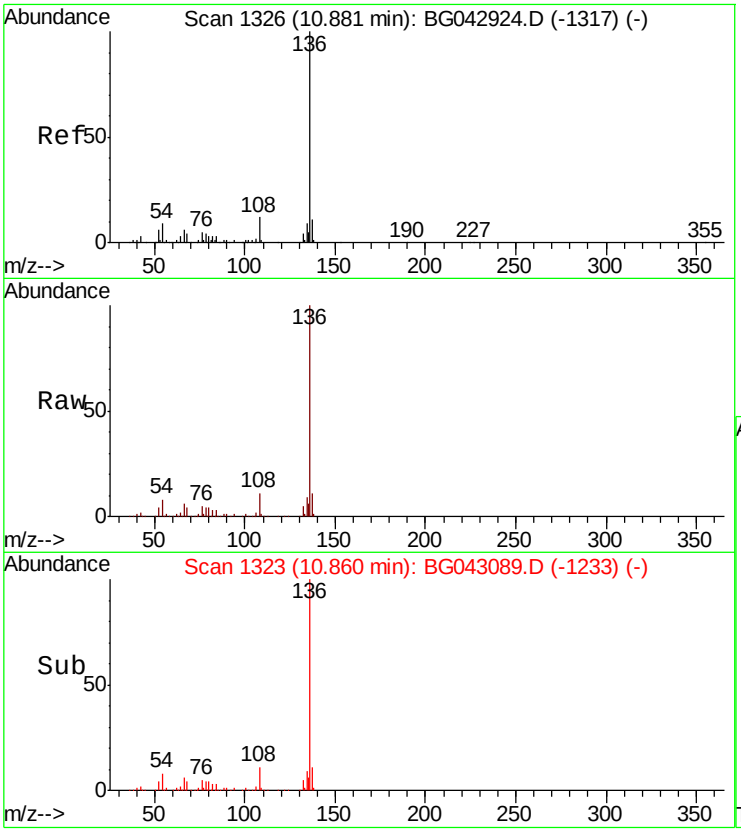


#10
Phenol
Concen: 3.028 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion: 94 Resp: 14243

Ion	Ratio	Lower	Upper
94	100		
65	36.1	16.6	56.6
66	64.8	32.4	72.4



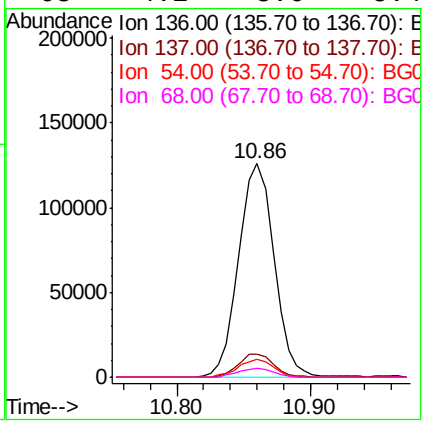


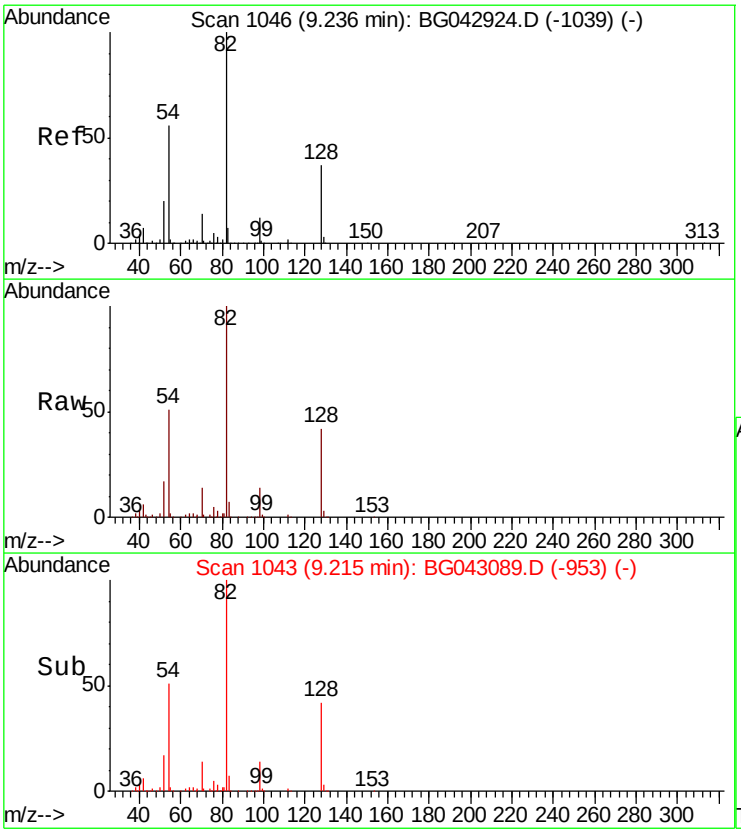
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:136 Resp: 232151

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.2	7.4	11.2
68	4.2	3.6	5.4

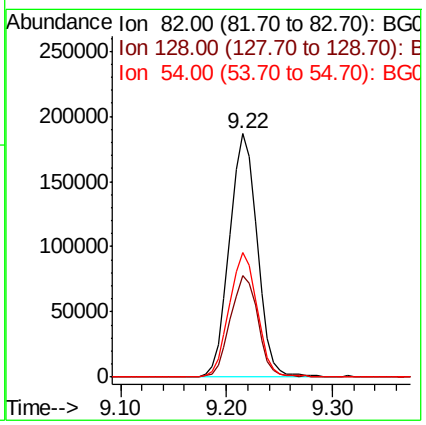


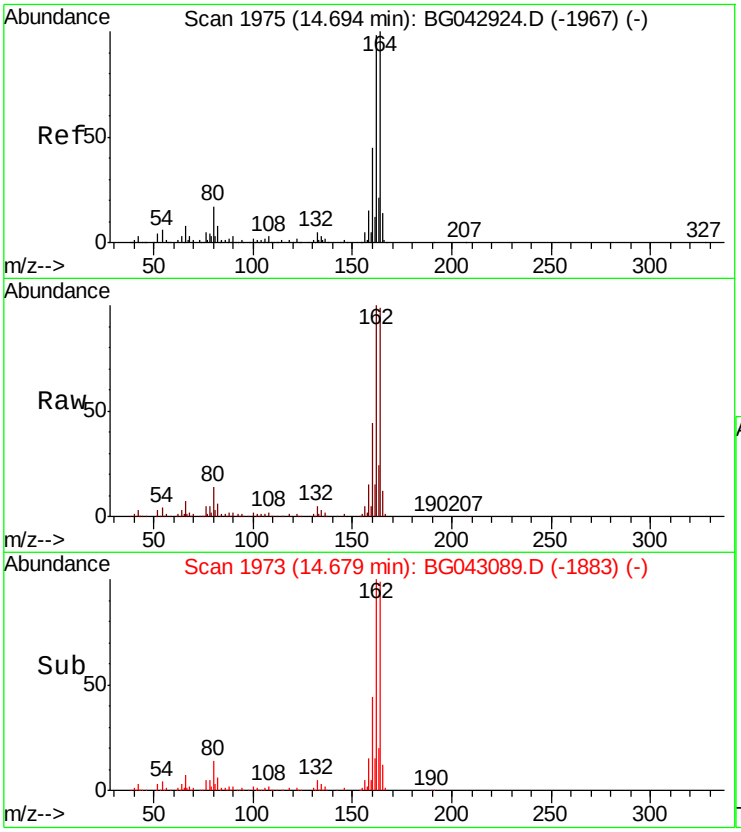


#23
Nitrobenzene-d5
Concen: 71.106 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion: 82 Resp: 339620

Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.5	44.3
54	51.2	44.6	67.0



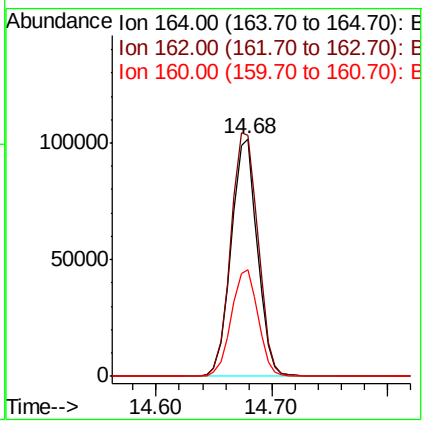


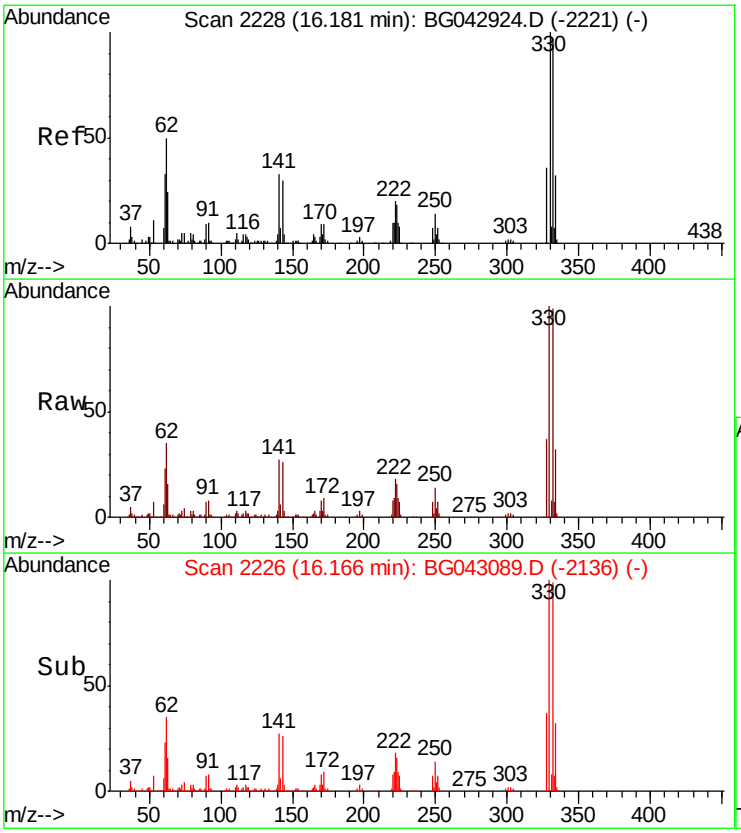
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:164 Resp: 159655

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.5	117.7
160	44.7	35.9	53.9

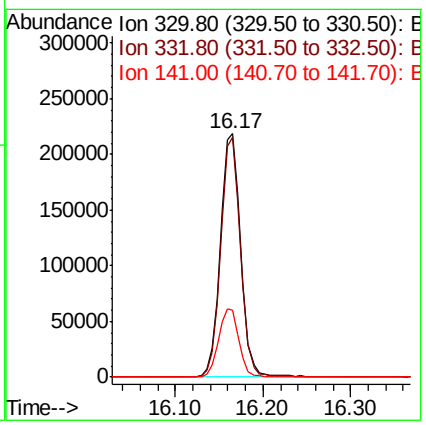


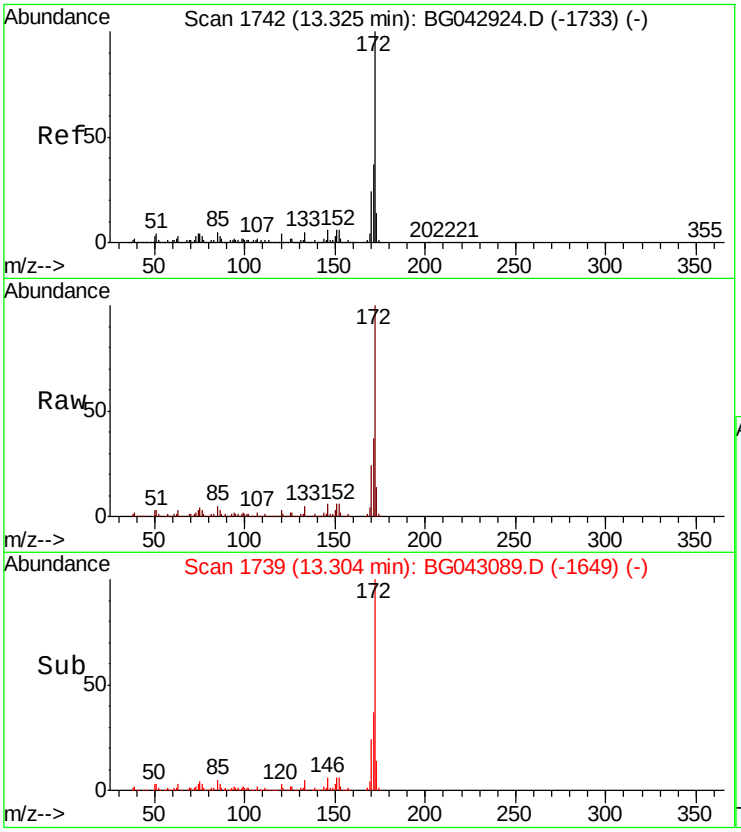


#42
2,4,6-Tribromophenol
Concen: 127.876 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:330 Resp: 351067

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.2	117.2
141	28.1	26.0	39.0



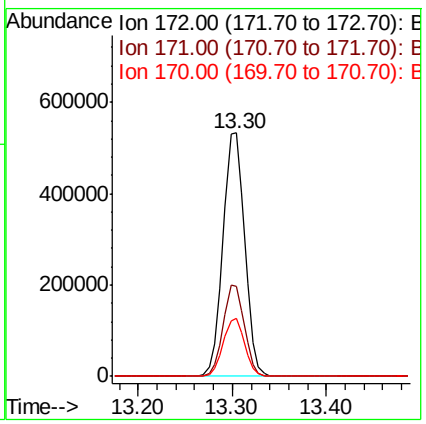


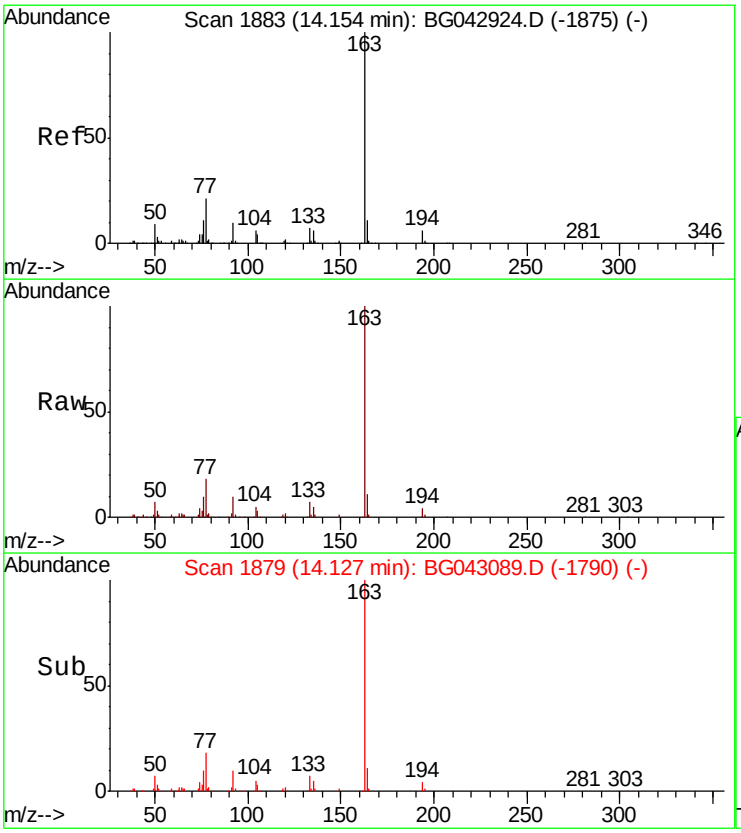
#45
2-Fluorobiphenyl
Concen: 78.184 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:172 Resp: 861035

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	23.9	19.6	29.4

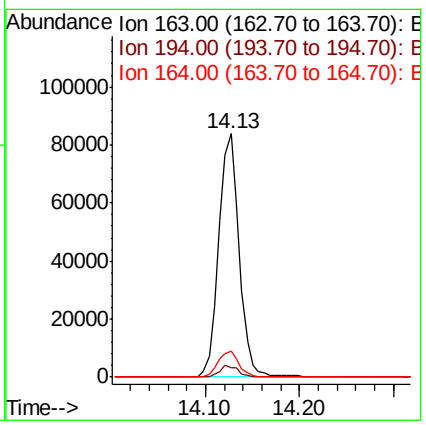


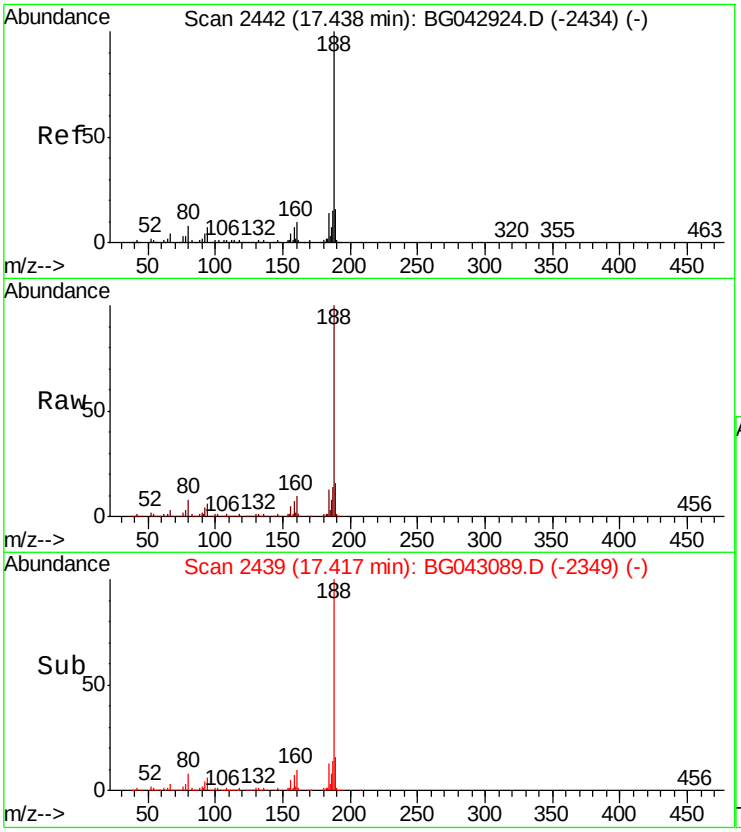


#50
Dimethylphthalate
Concen: 10.605 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:163 Resp: 126865

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	10.8	8.6	12.8



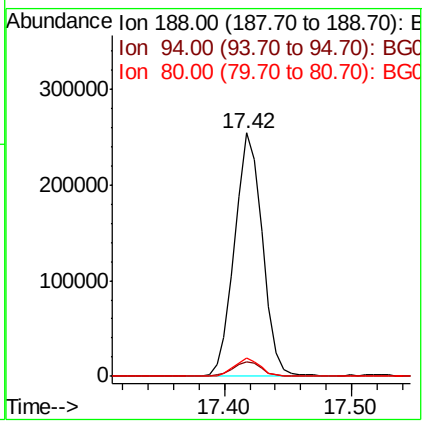


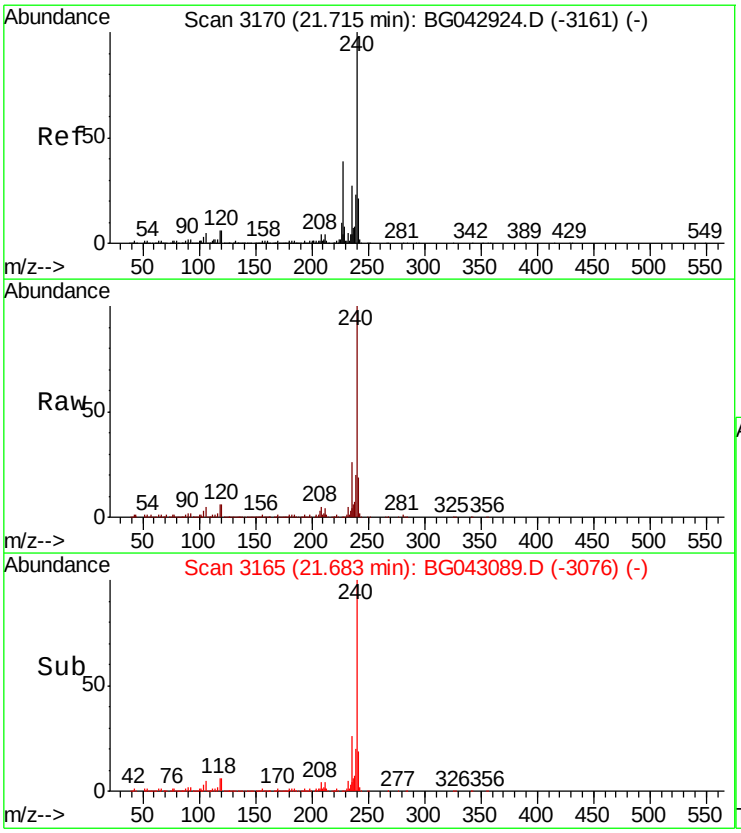
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:188 Resp: 387188

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.5	6.5	9.7

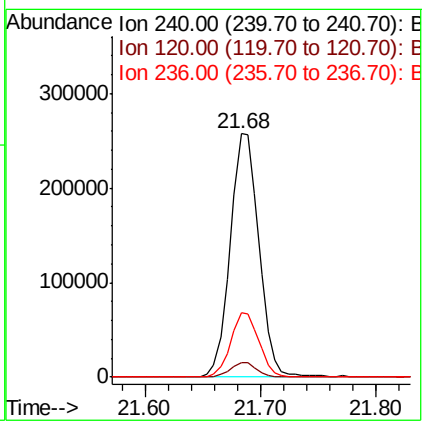


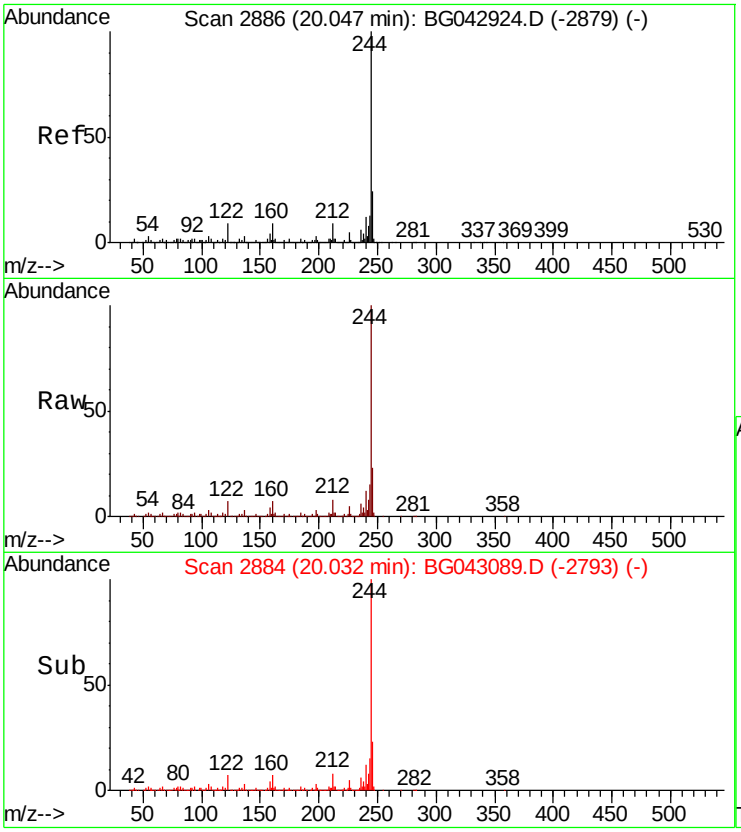


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:240 Resp: 443695

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.8	7.2
236	26.3	21.4	32.0



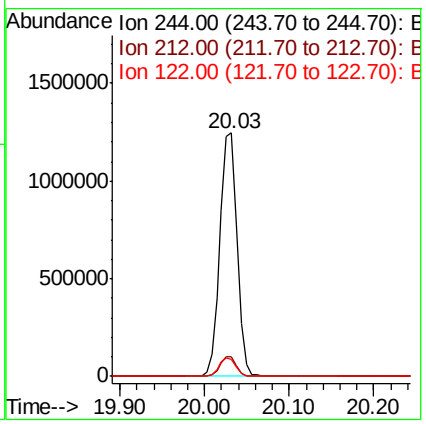


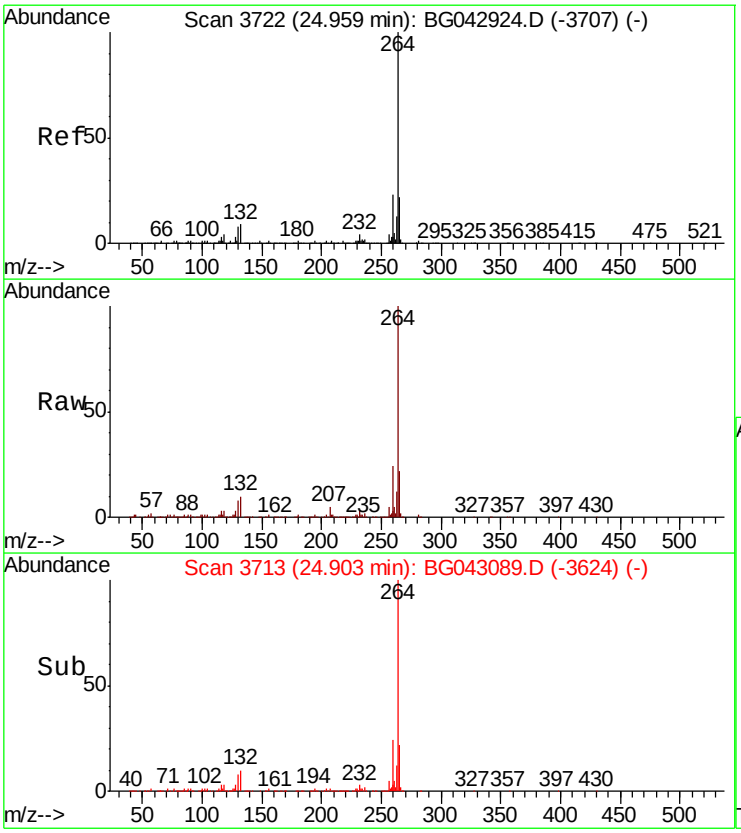
#79
Terphenyl-d14
Concen: 85.071 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tgt Ion:244 Resp: 1771354

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.0
122	7.0	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:264 Resp: 509095

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.7	26.5