Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042959.D
Acq On : 1 Oct 2019 2:35
Operator : JU
Sample : K4668-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-092619

Quant Time: Oct 01 08:08:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69740	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241237	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	169532	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	415289	20.00	ng	0.00
76) Chrysene-d12	21.70	240	478621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	545691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	482520	123.48	ng	0.00
7) Phenol-d6	7.24	99	679950	120.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	419820	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	392444	134.62	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1017428	87.00	ng	0.00
79) Terphenyl-d14	20.04	244	2052130	91.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.27	94	11911	2.307	ng	87
50) Dimethylphthalate	14.14	163	140526	11.063	ng	98

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

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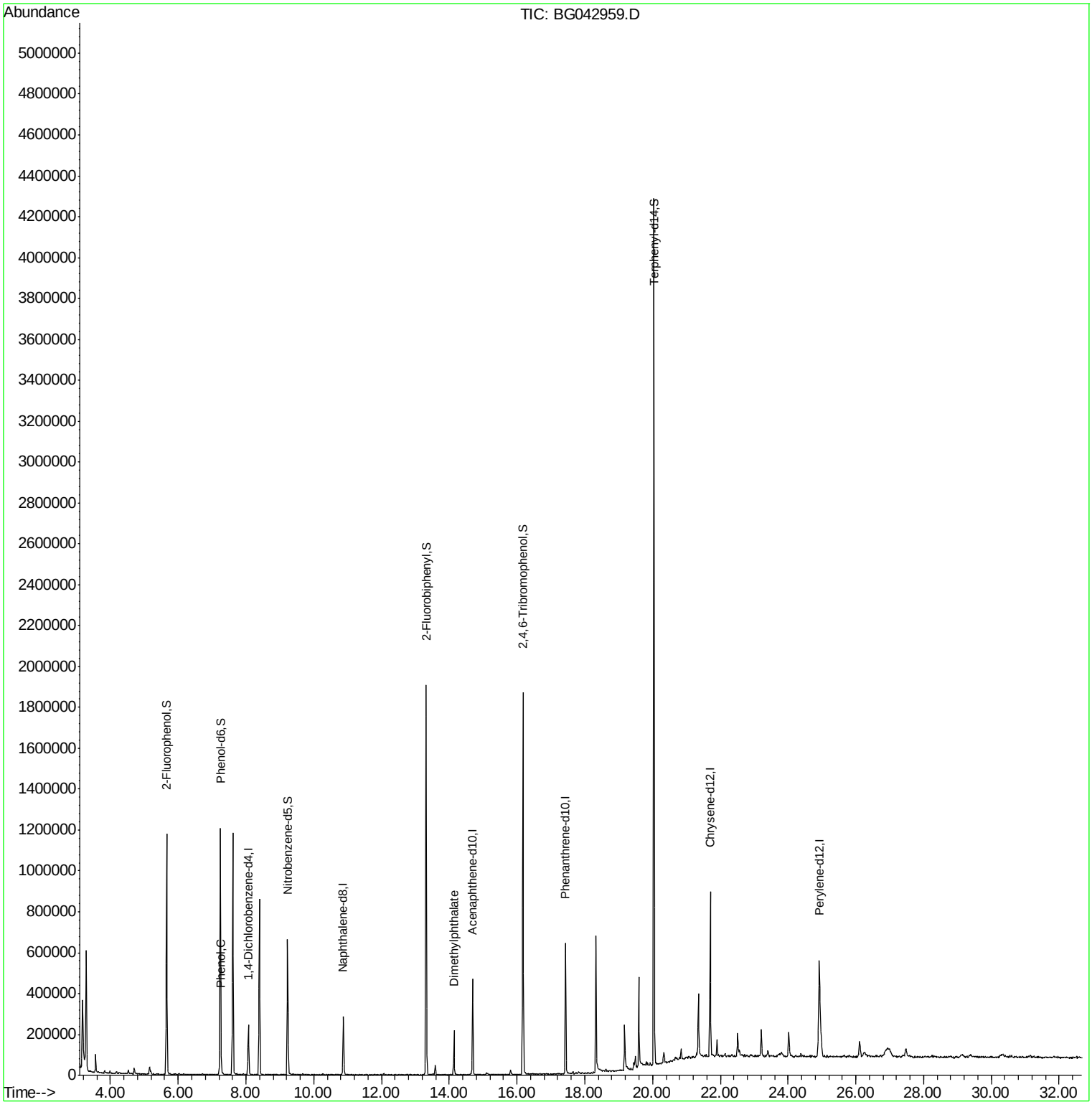
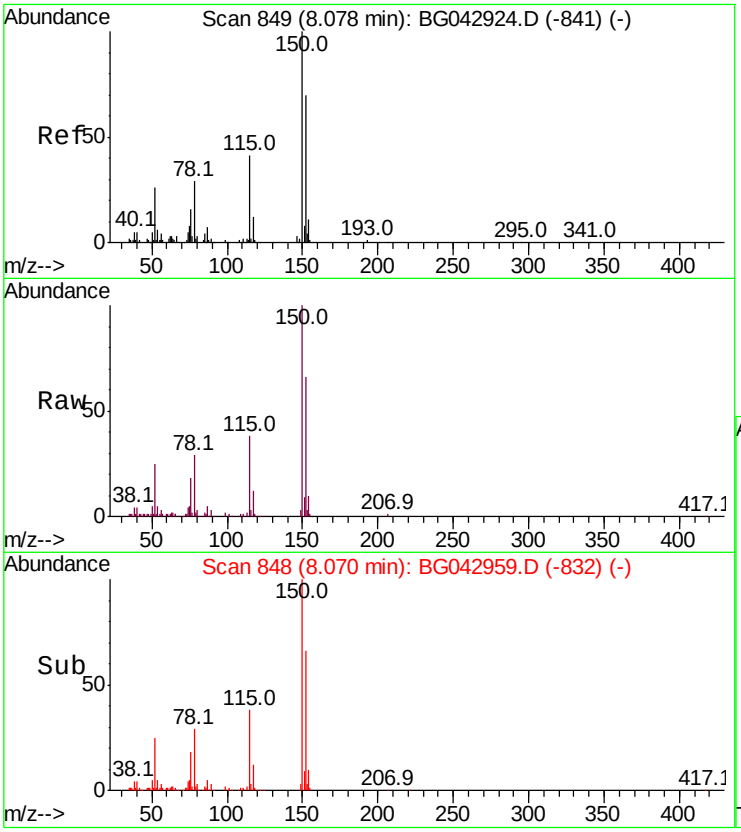


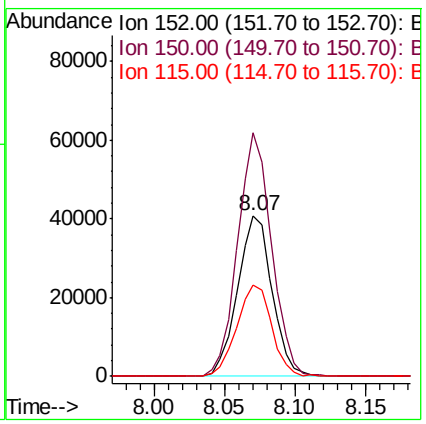


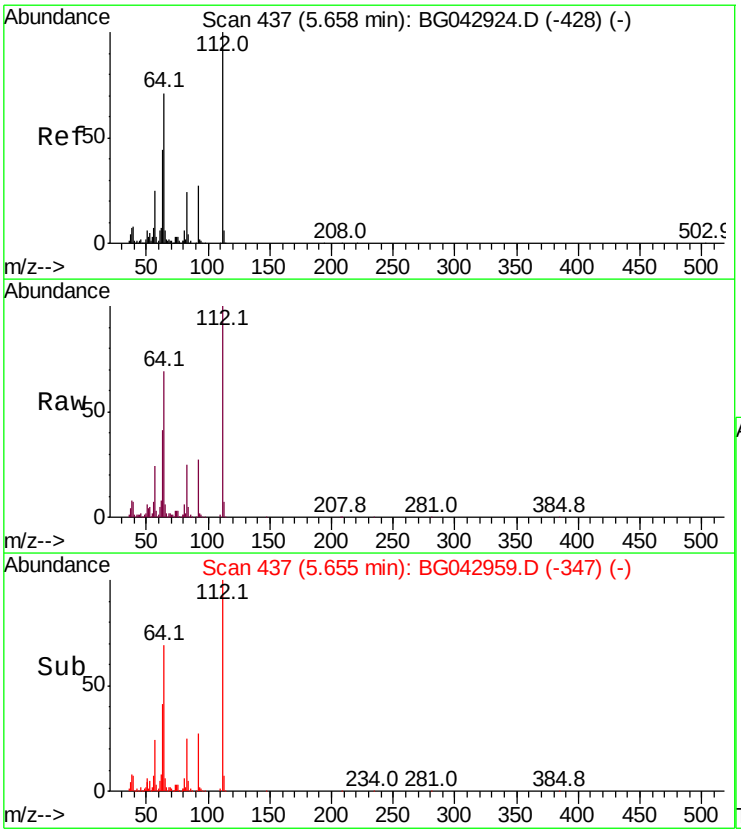
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:152 Resp: 69740

Ion	Ratio	Lower	Upper
152	100		
150	151.4	115.0	172.4
115	56.8	47.0	70.6

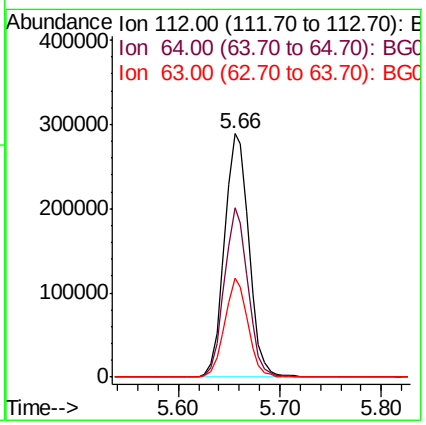


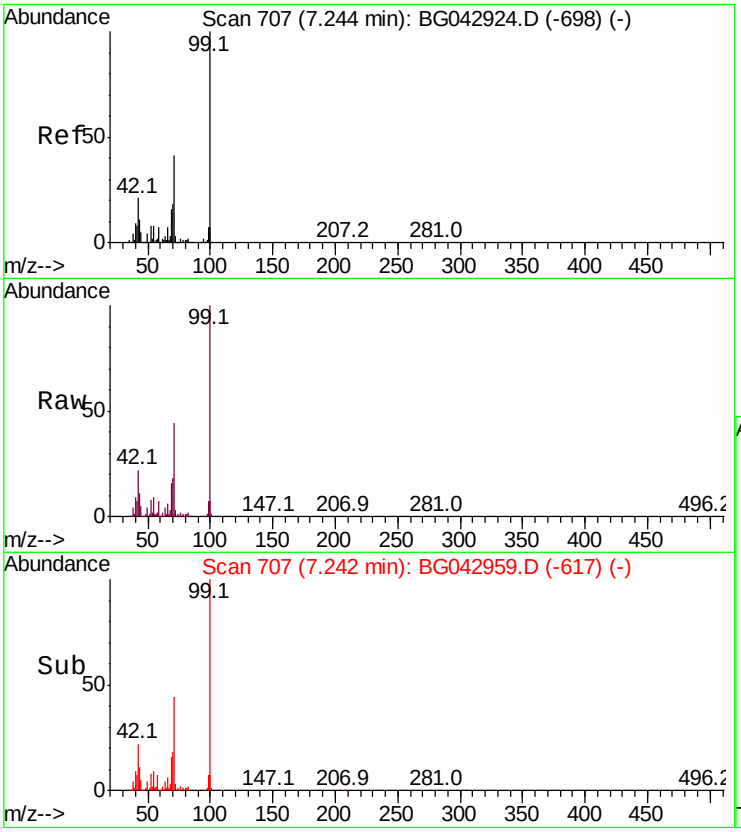


#5
2-Fluorophenol
Concen: 123.475 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:112 Resp: 482520

Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.6	84.8
63	40.9	35.1	52.7



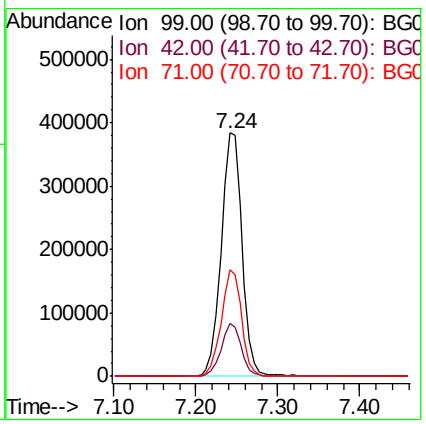


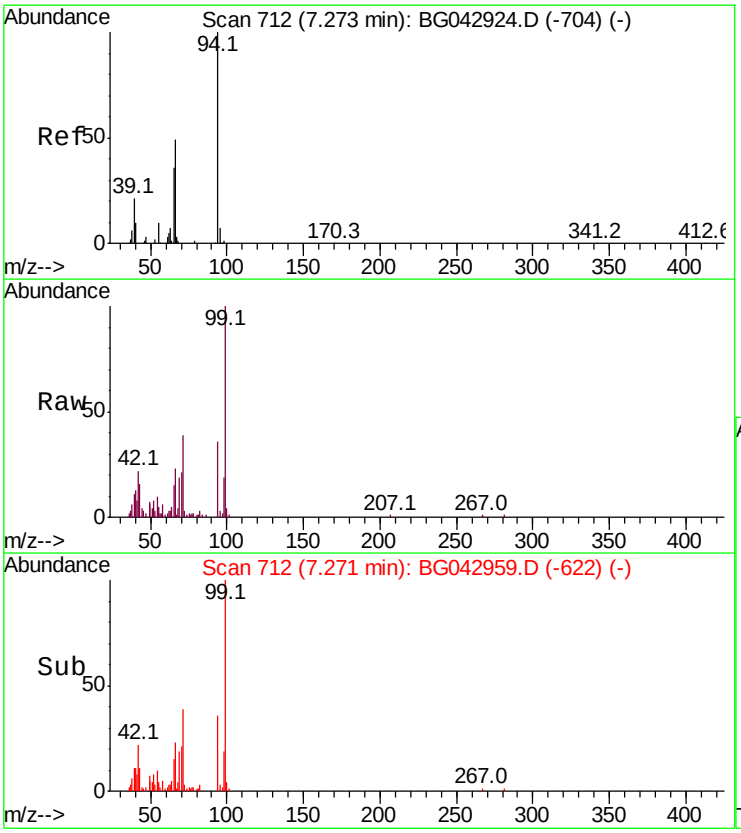
#7
Phenol-d6
Concen: 120.826 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion: 99 Resp: 679950

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.2	25.8
71	44.0	33.1	49.7

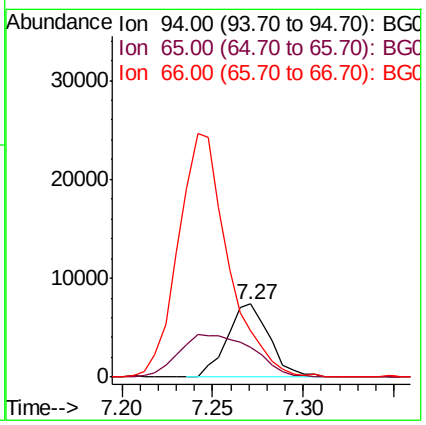


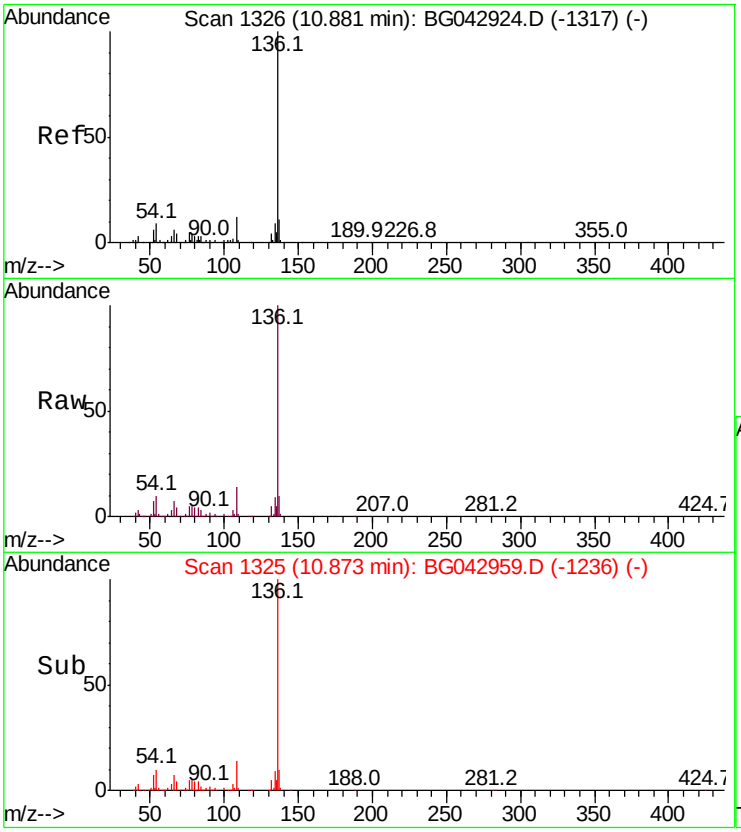


#10
Phenol
Concen: 2.307 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.00 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion: 94 Resp: 11911

Ion	Ratio	Lower	Upper
94	100		
65	41.5	16.6	56.6
66	64.1	32.4	72.4



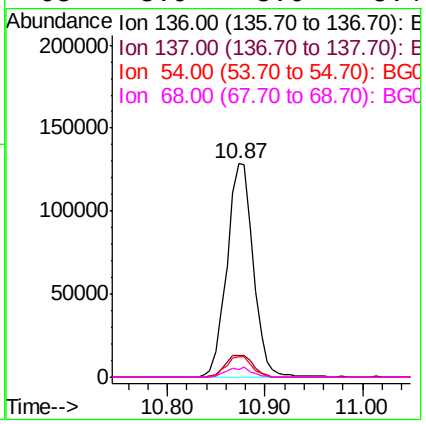


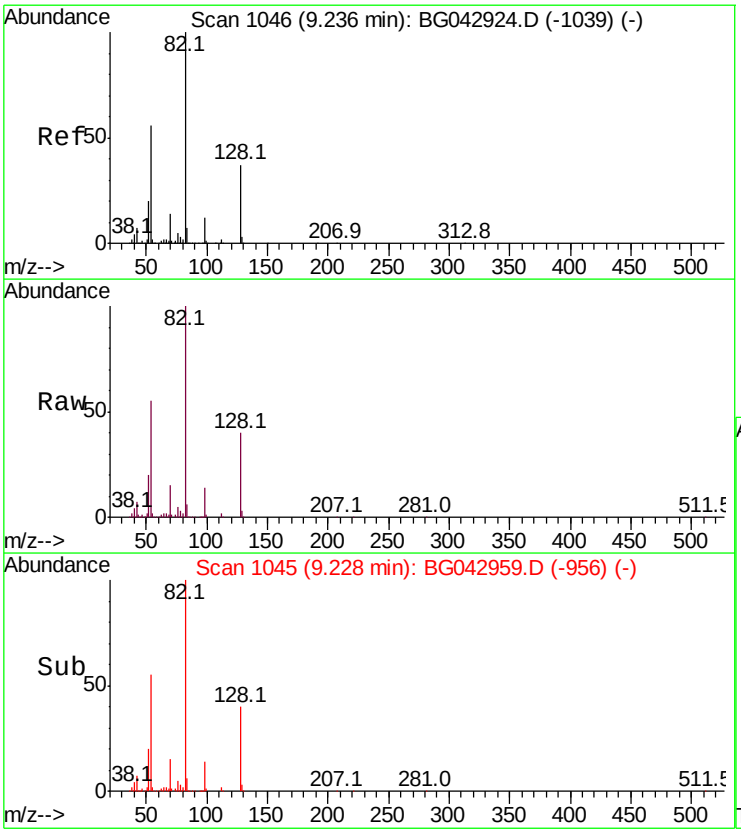
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:136 Resp: 241237

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.7	7.4	11.2
68	3.9	3.6	5.4

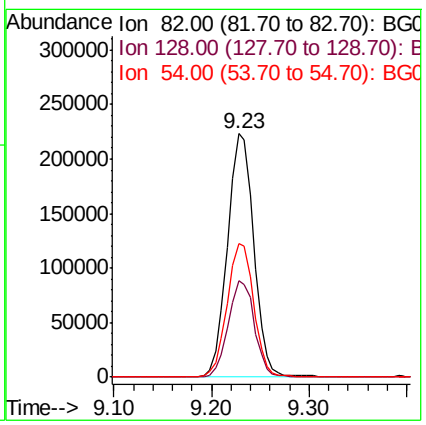


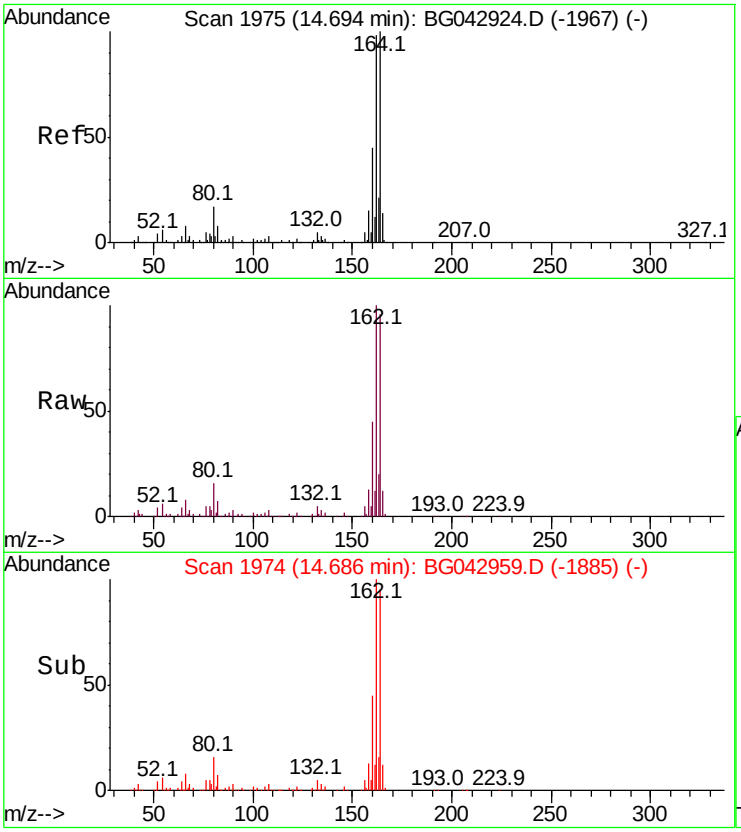


#23
Nitrobenzene-d5
Concen: 84.587 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion: 82 Resp: 419820

Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.5	44.3
54	55.1	44.6	67.0



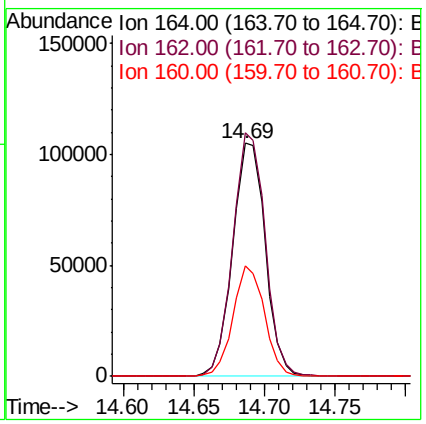


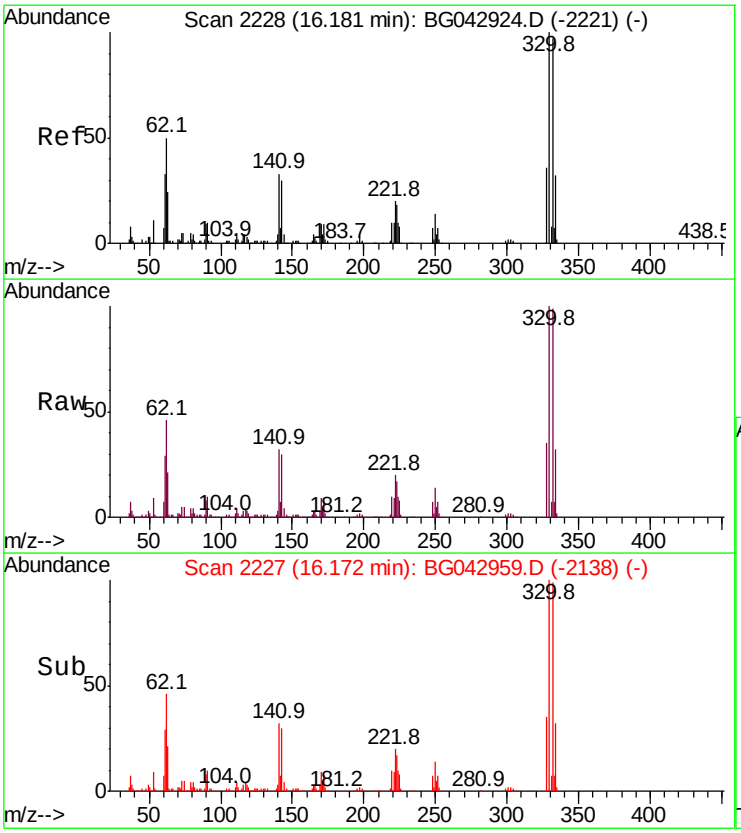
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:164 Resp: 169532

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.5	117.7
160	47.3	35.9	53.9

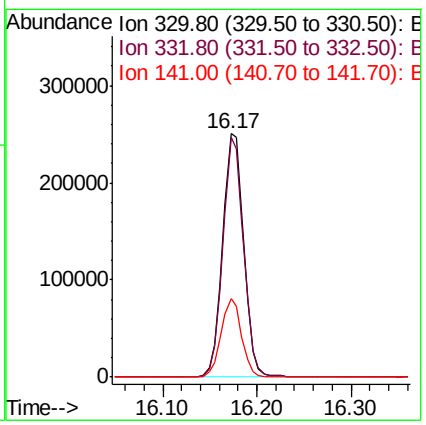


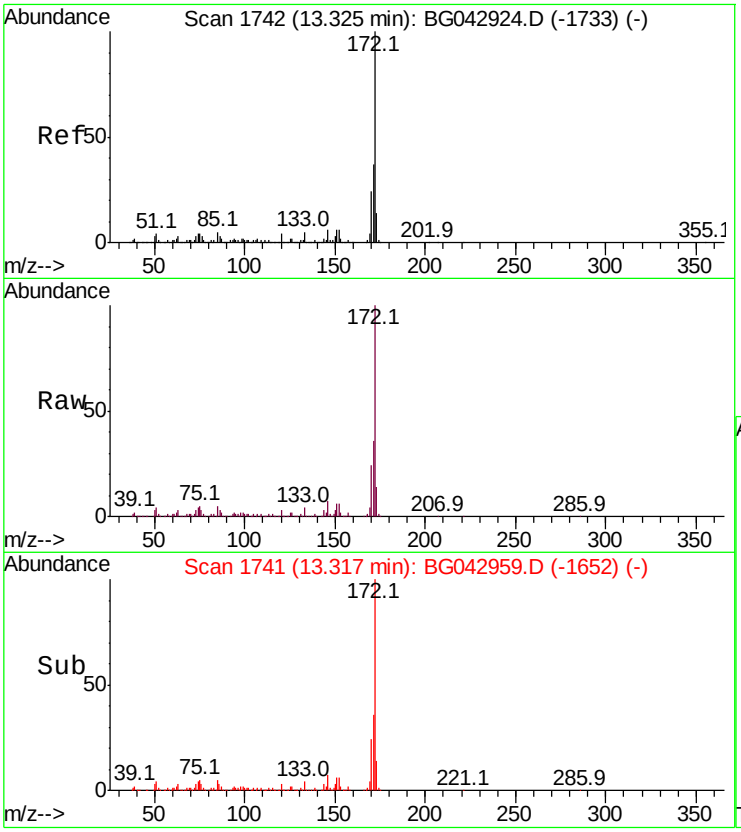


#42
2,4,6-Tribromophenol
Concen: 134.619 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:330 Resp: 392444

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	31.3	26.0	39.0



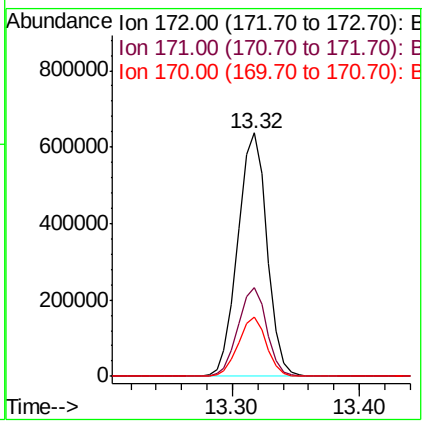


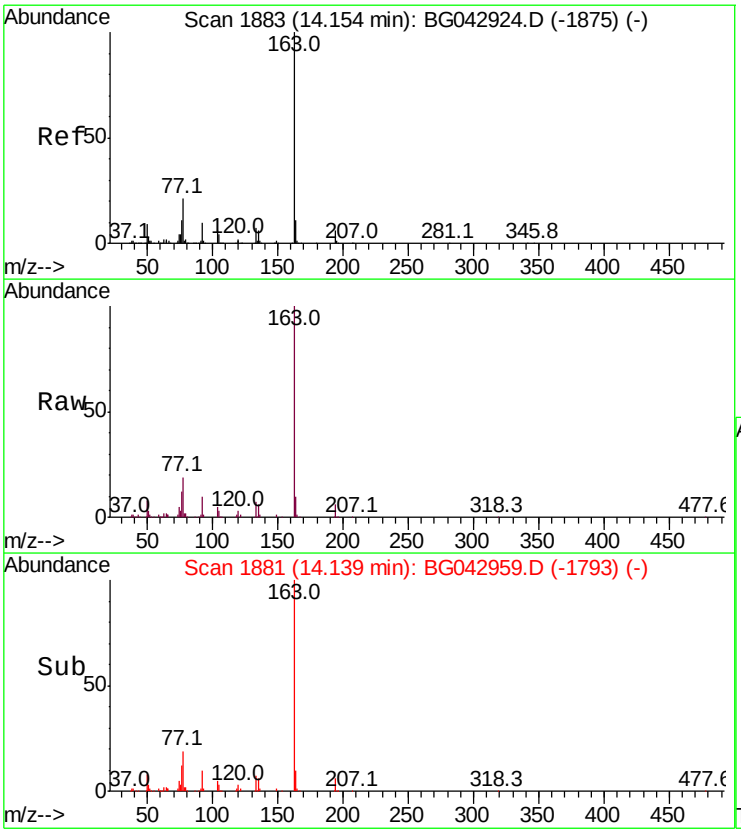
#45
2-Fluorobiphenyl
Concen: 87.002 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:172 Resp: 1017428

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.6	29.4

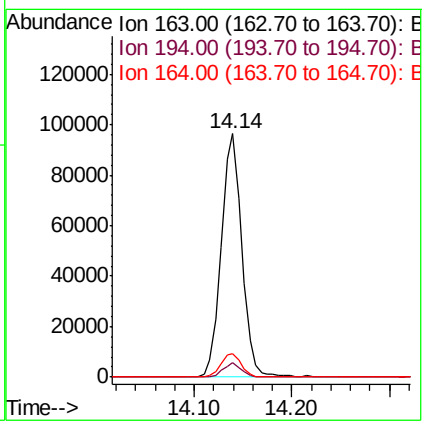


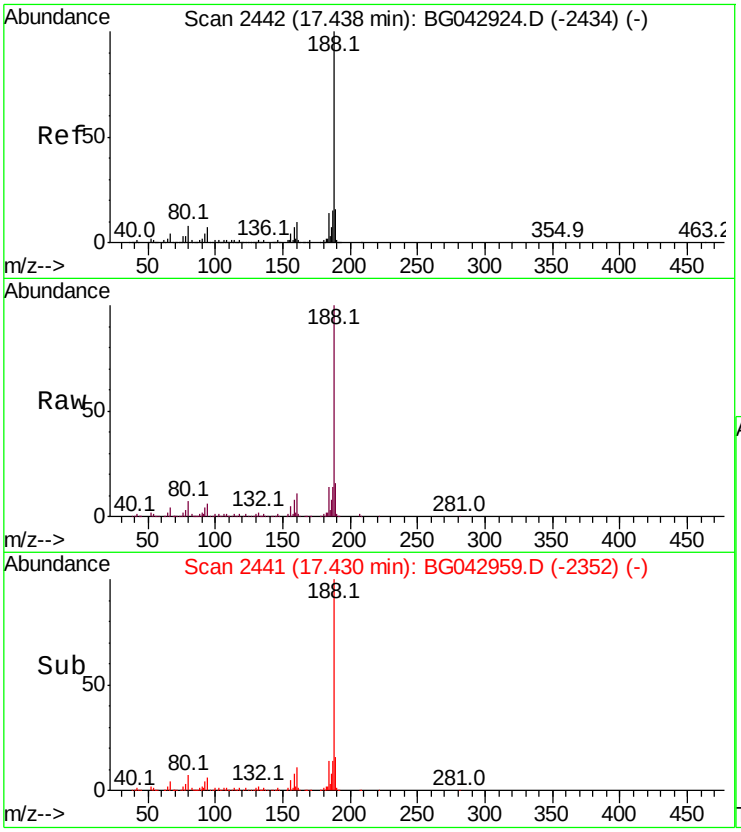


#50
Dimethylphthalate
Concen: 11.063 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:163 Resp: 140526

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.4	6.6
164	9.8	8.6	12.8



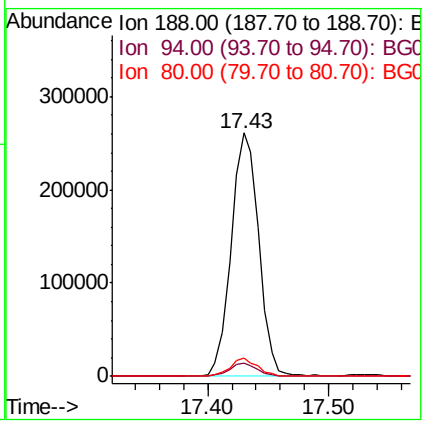


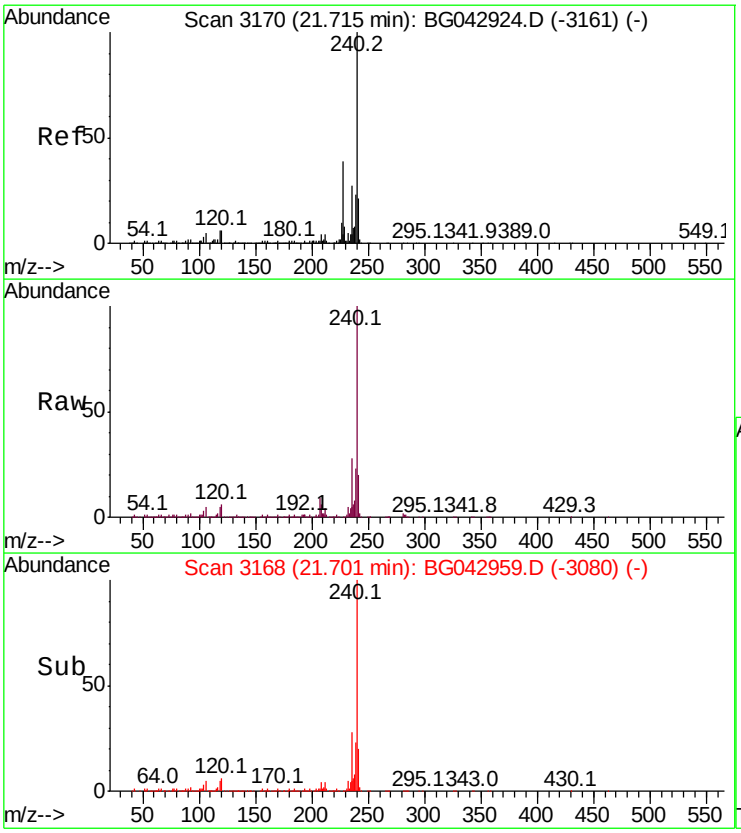
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:188 Resp: 415289

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	7.3	6.5	9.7

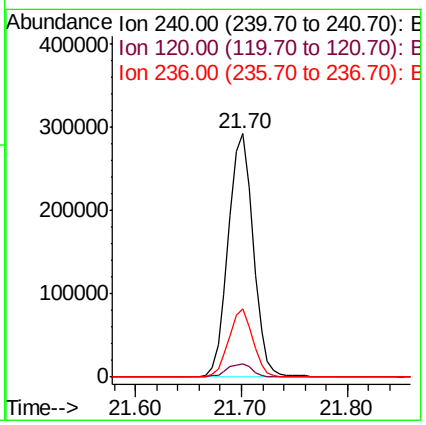


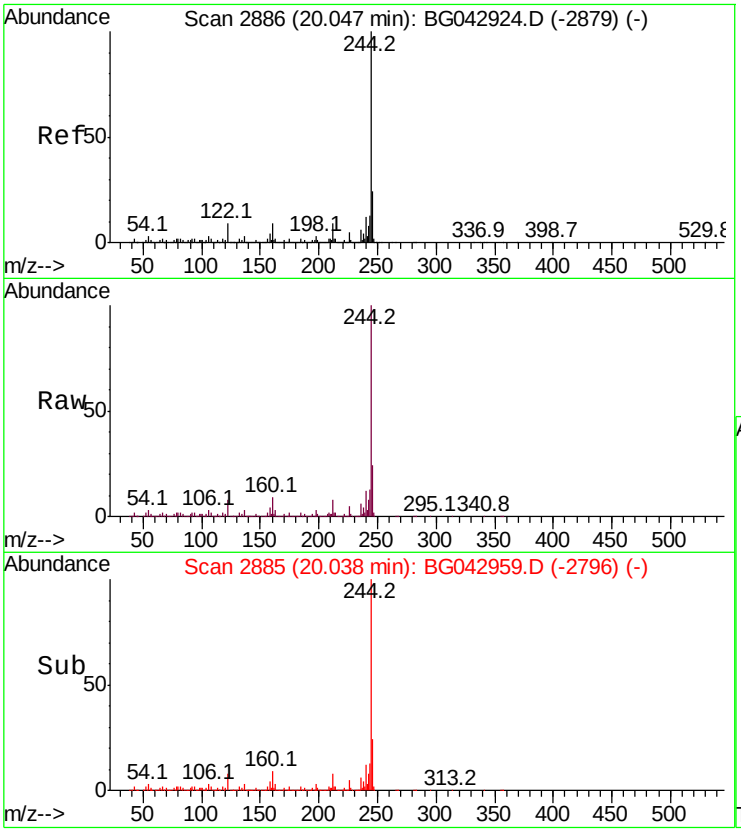


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:240 Resp: 478621

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	27.9	21.4	32.0



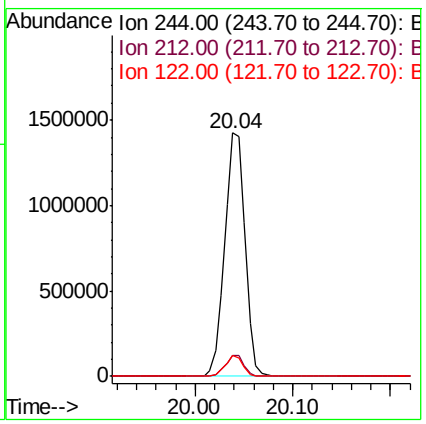


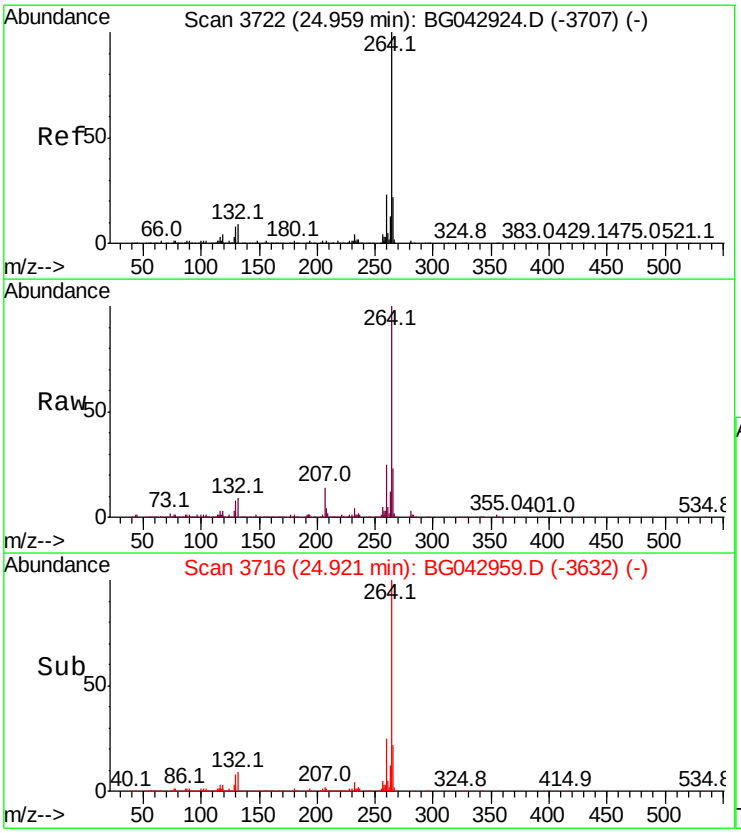
#79
Terphenyl-d14
Concen: 91.363 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :
SU-04-092619

Tgt Ion:244 Resp: 2052130

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	8.4	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:264 Resp: 545691

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.8	17.7	26.5