Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043060.D
Acq On : 5 Oct 2019 18:04
Operator : JU
Sample : K5140-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219

Quant Time: Oct 07 09:05:10 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	8.06	152	66458	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	242982	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	170791	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	391143	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	427768	20.00	ng		-0.03
87) Perylene-d12	24.91	264	496331	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	405591	108.91	ng		-0.01
7) Phenol-d6	7.24	99	586131	109.30	ng		0.00
23) Nitrobenzene-d5	9.22	82	331649	66.34	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	310823	105.84	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	827231	70.22	ng		-0.02
79) Terphenyl-d14	20.03	244	1585826	79.00	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.26	94	20502	4.167	ng		95
50) Dimethylphthalate	14.13	163	68720	5.370	ng	#	97

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

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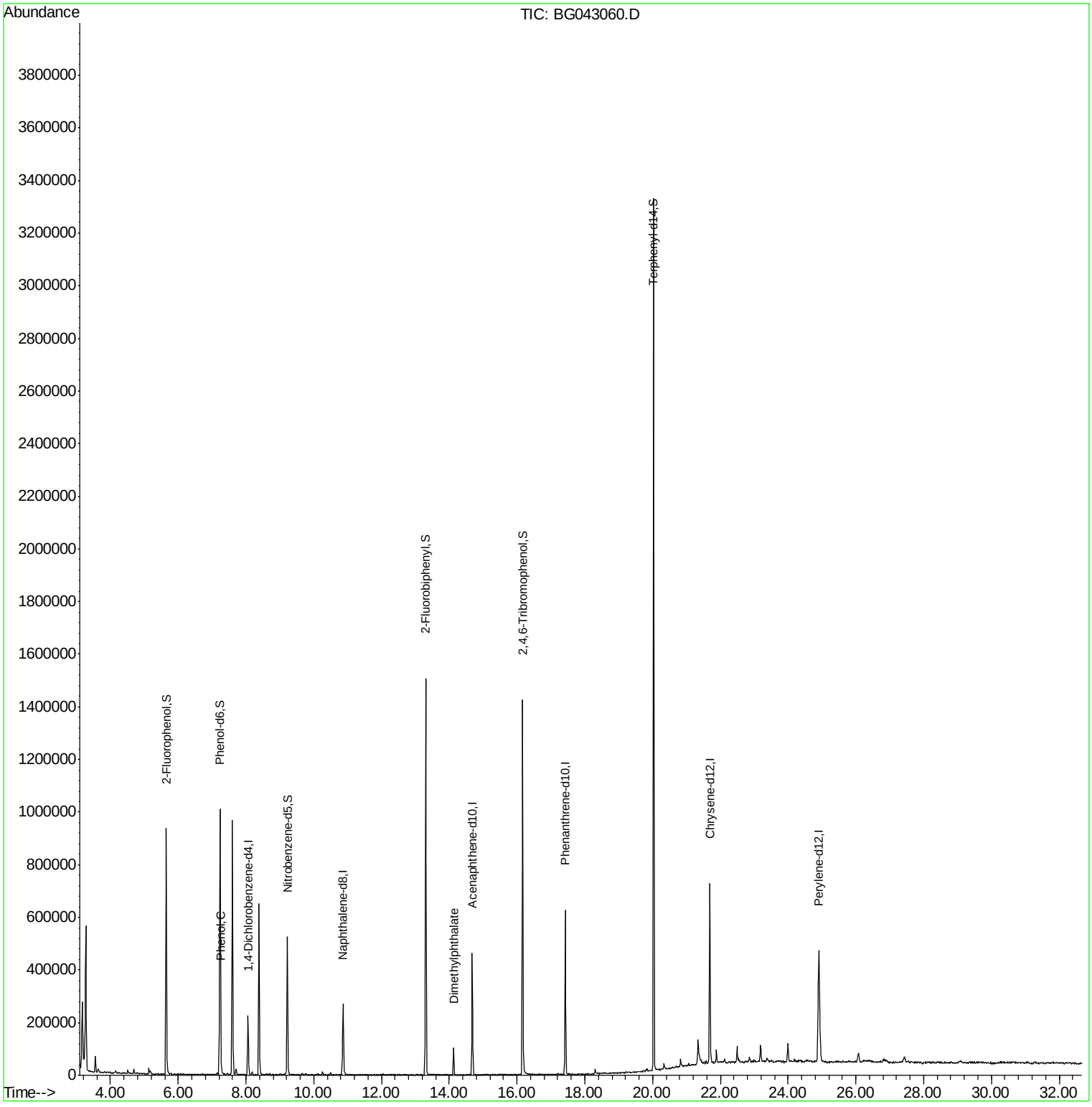
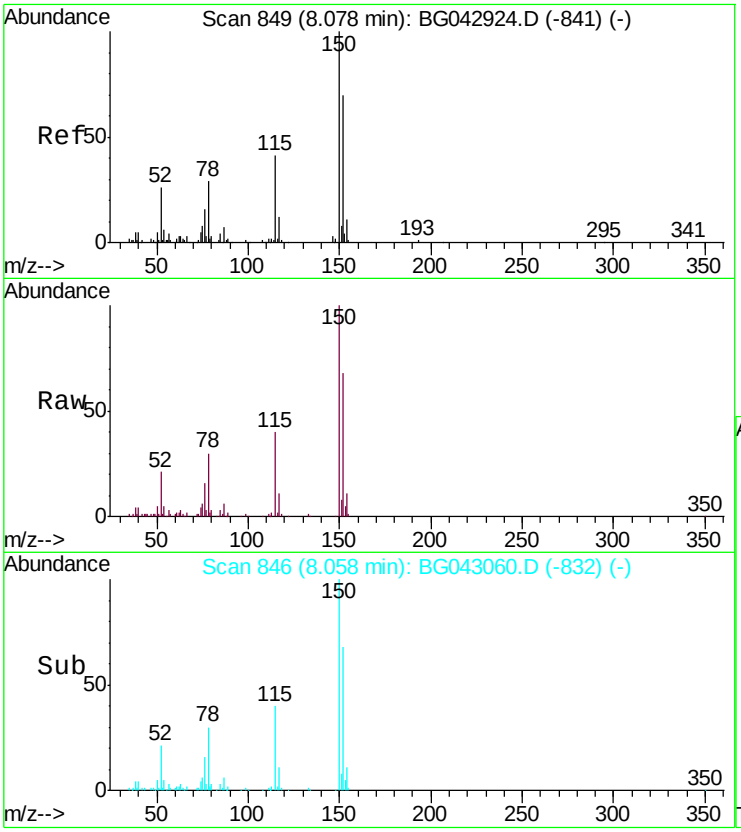


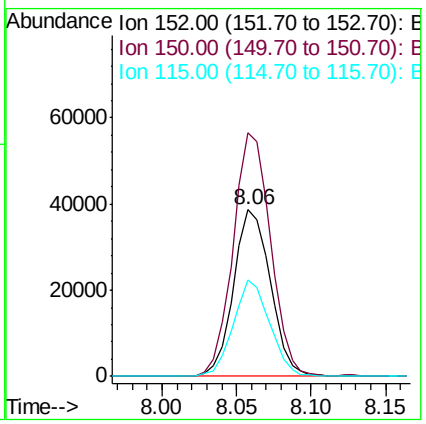


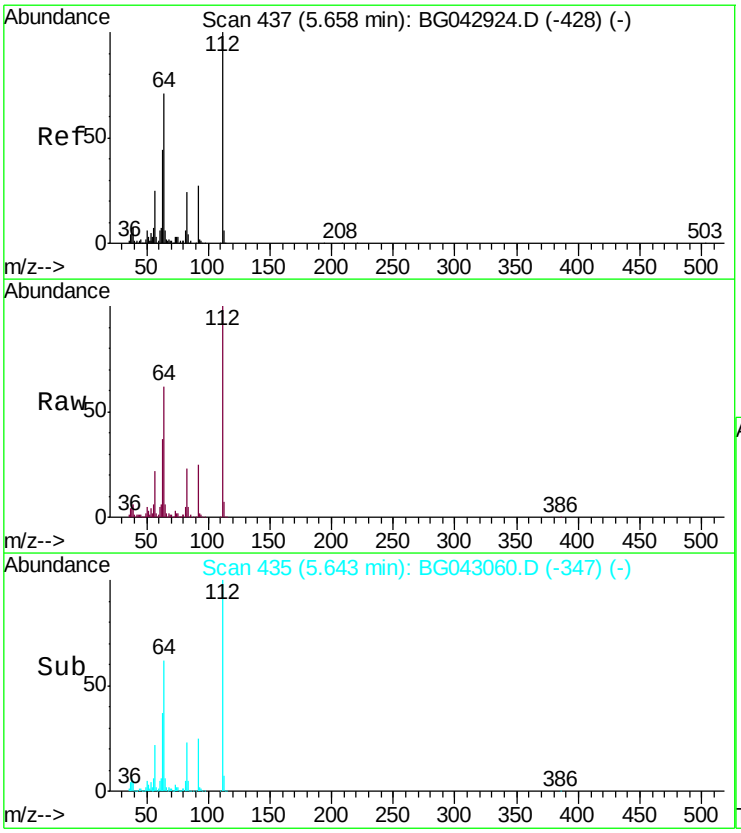
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:152 Resp: 66458

Ion	Ratio	Lower	Upper
152	100		
150	146.4	115.0	172.4
115	58.1	47.0	70.6

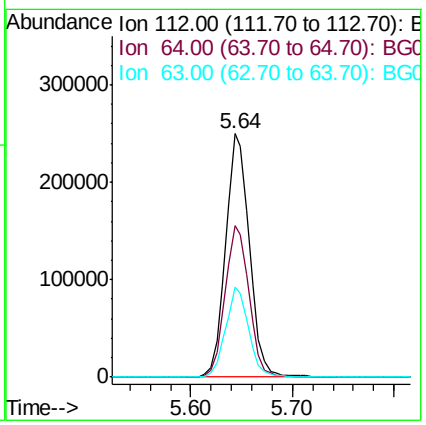


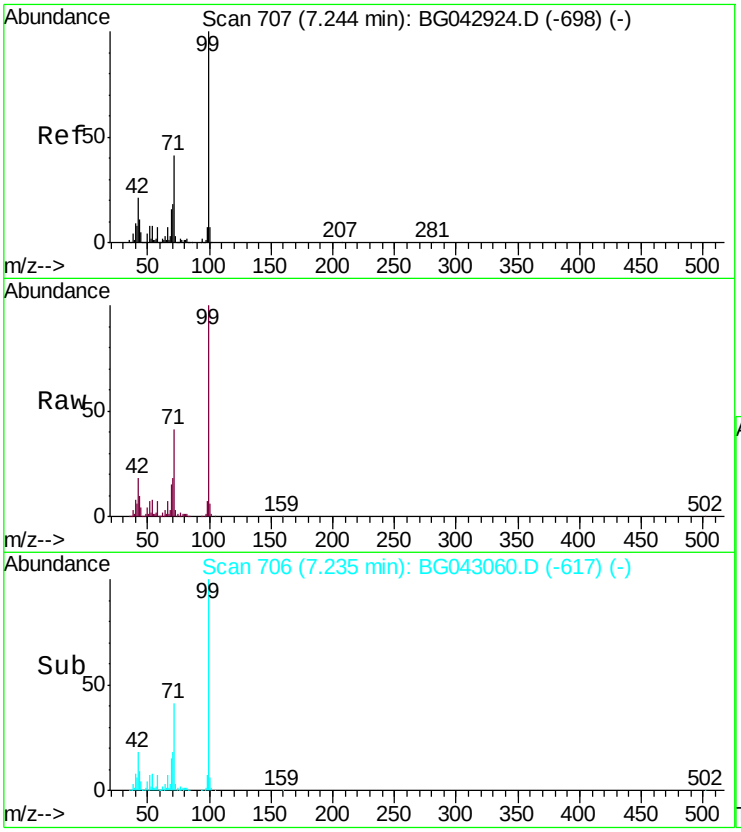


#5
2-Fluorophenol
Concen: 108.915 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:112 Resp: 405591

Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.6	84.8
63	36.8	35.1	52.7



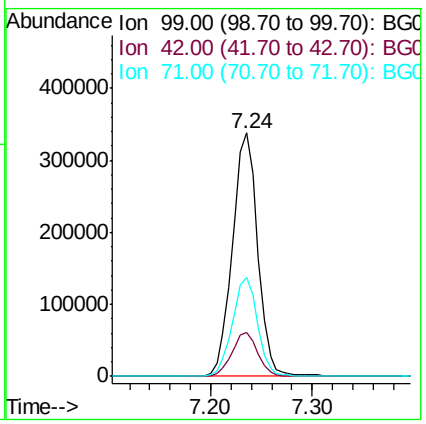


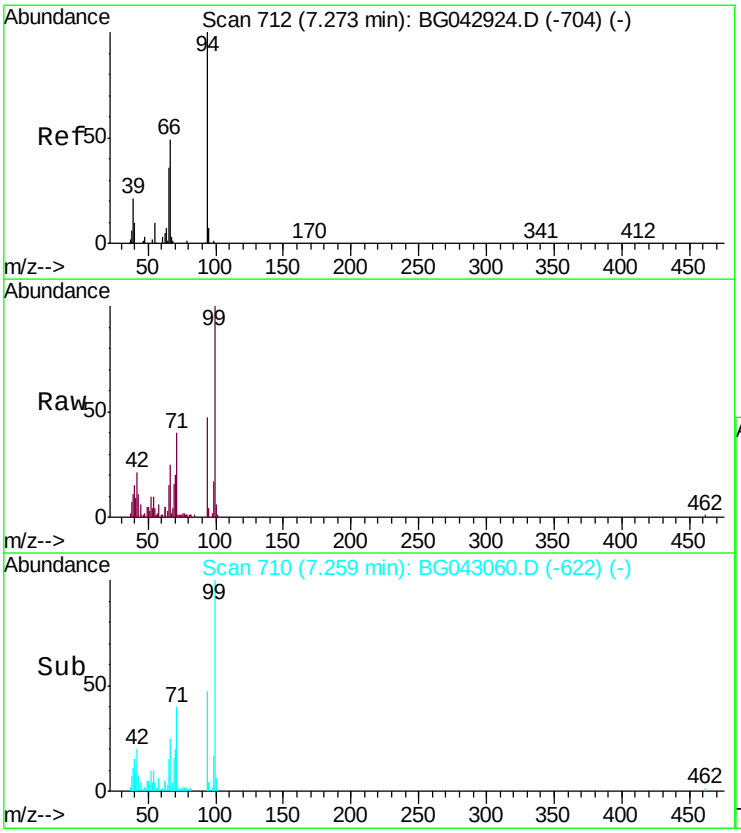
#7
Phenol-d6
Concen: 109.298 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion: 99 Resp: 586131

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.2	25.8
71	40.6	33.1	49.7

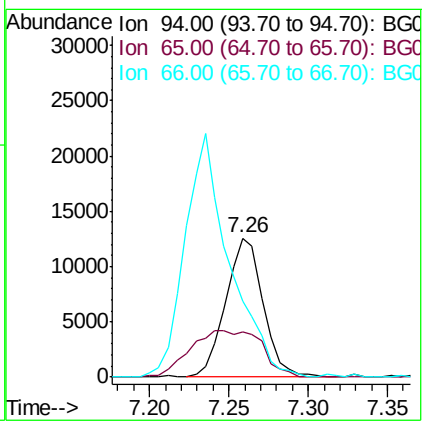


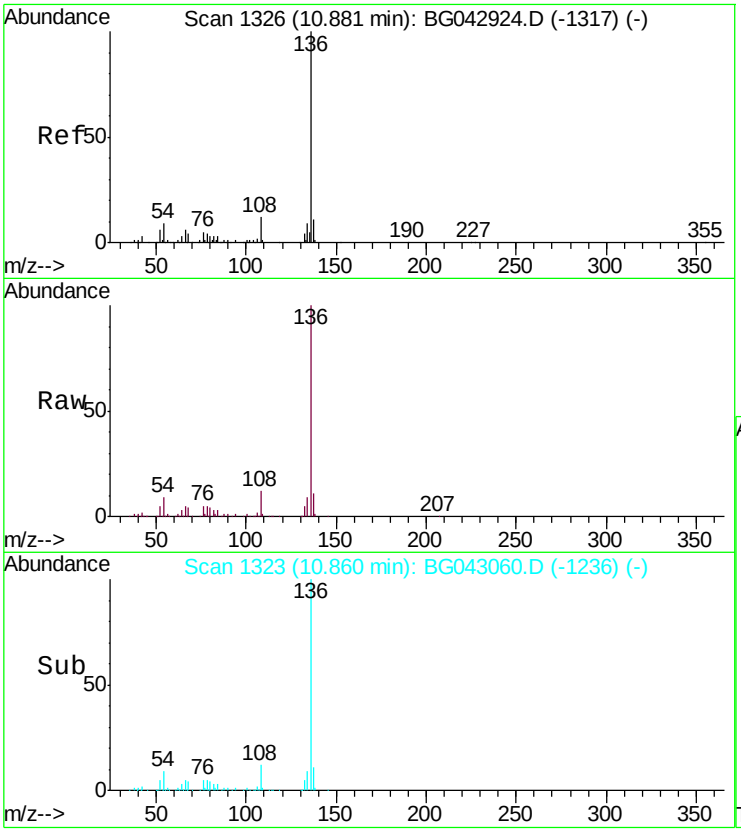


#10
Phenol
Concen: 4.167 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion: 94 Resp: 20502

Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.6	56.6
66	54.5	32.4	72.4



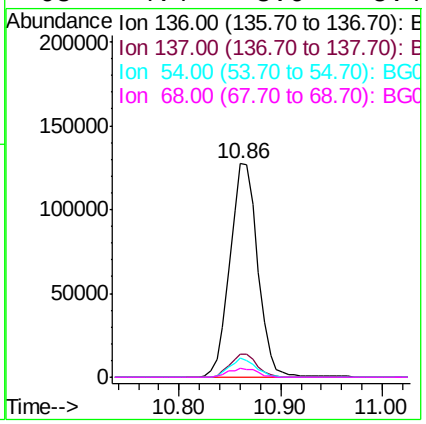


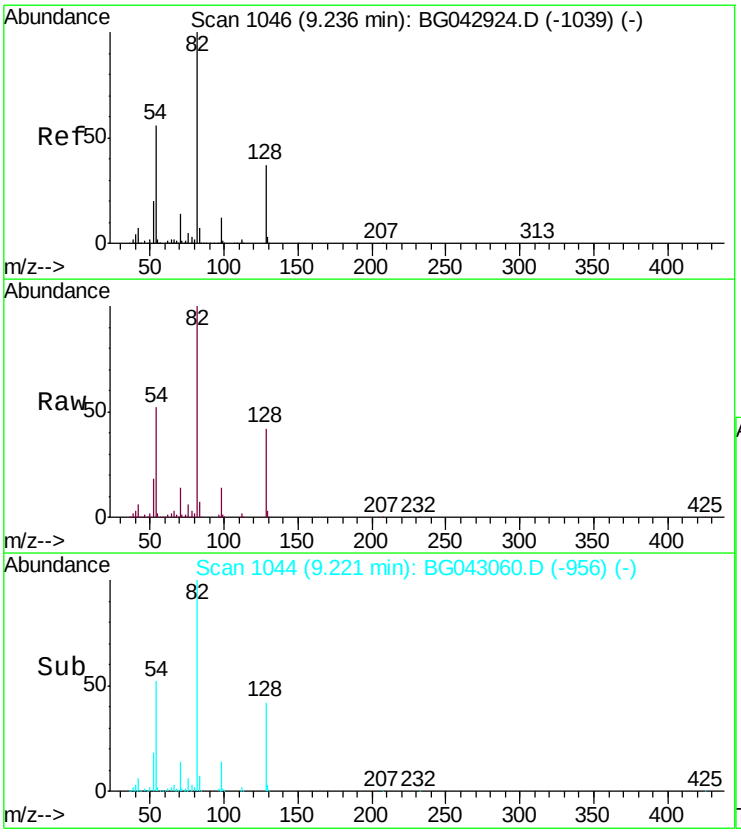
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:136 Resp: 242982

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	7.4	11.2
68	4.4	3.6	5.4

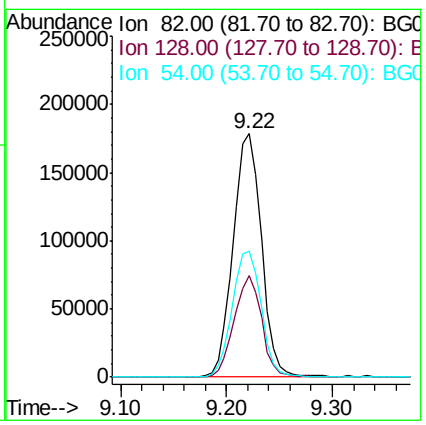


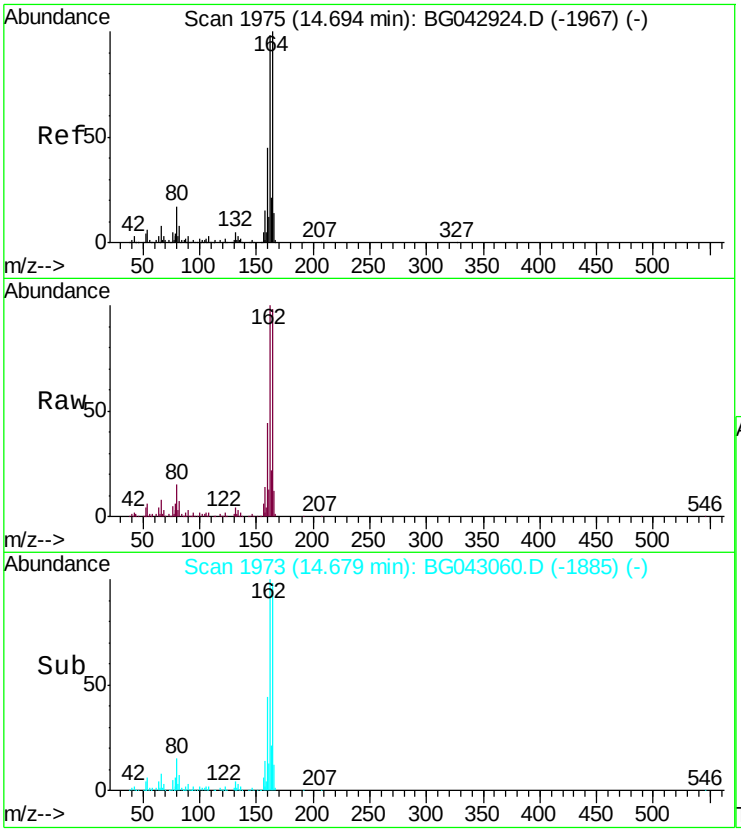


#23
Nitrobenzene-d5
Concen: 66.342 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion: 82 Resp: 331649

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.5	44.3
54	51.7	44.6	67.0



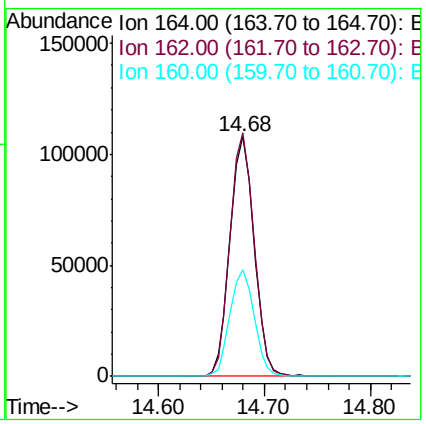


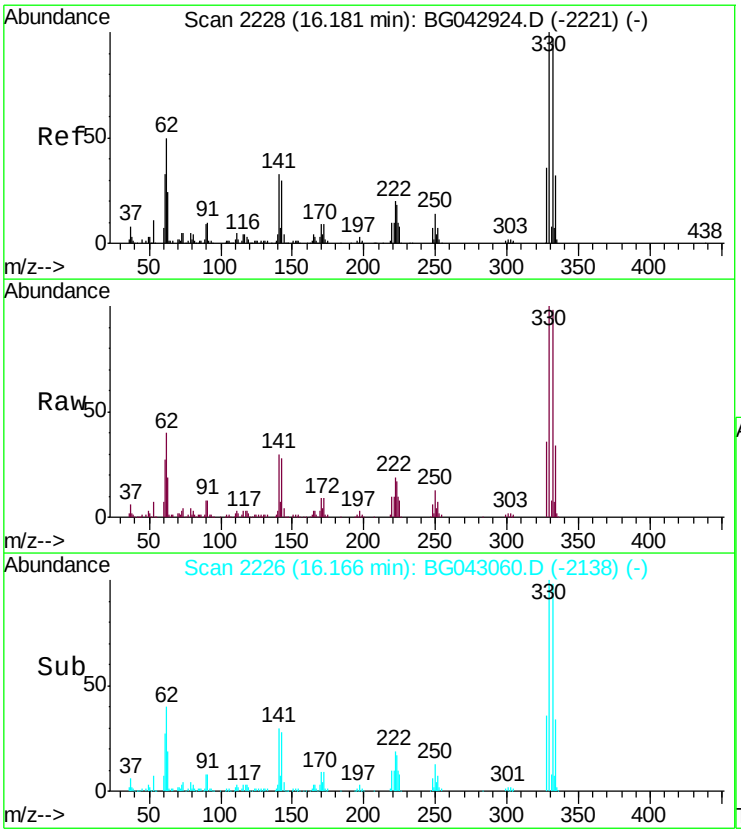
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:164 Resp: 170791

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.5	117.7
160	44.4	35.9	53.9

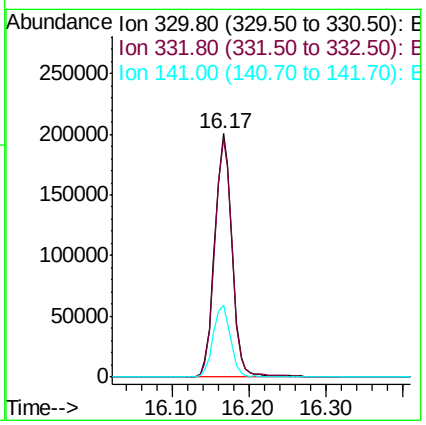


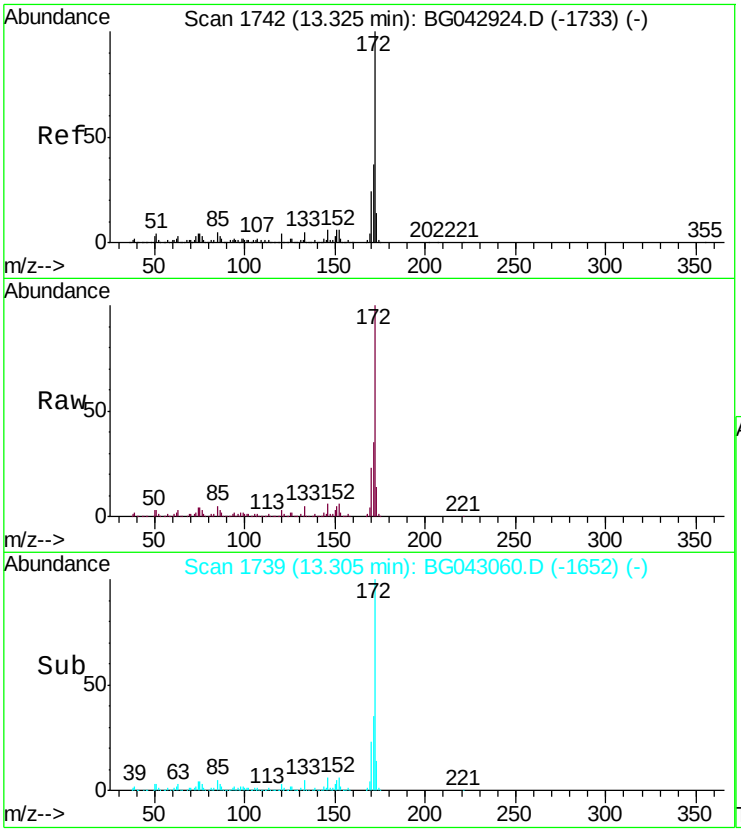


#42
2,4,6-Tribromophenol
Concen: 105.835 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:330 Resp: 310823

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	29.5	26.0	39.0



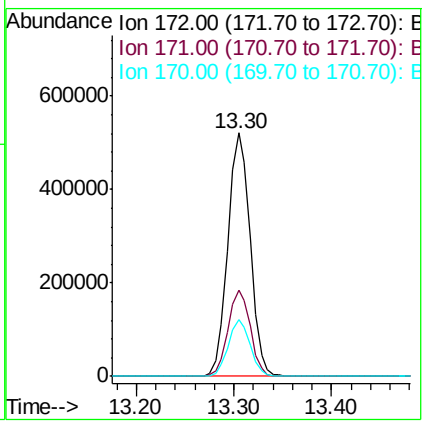


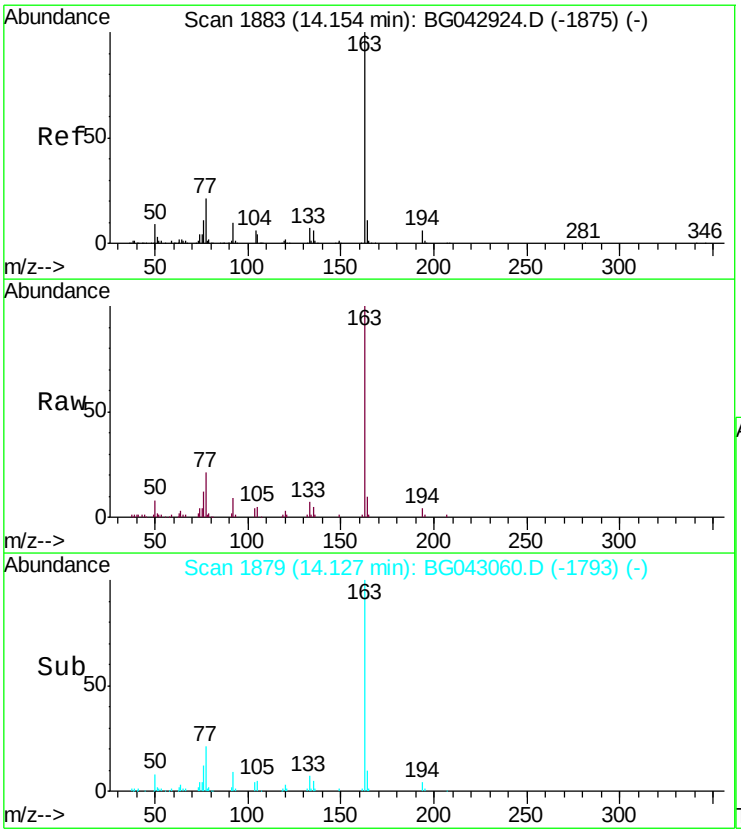
#45
2-Fluorobiphenyl
Concen: 70.217 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:172 Resp: 827231

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.3	19.6	29.4

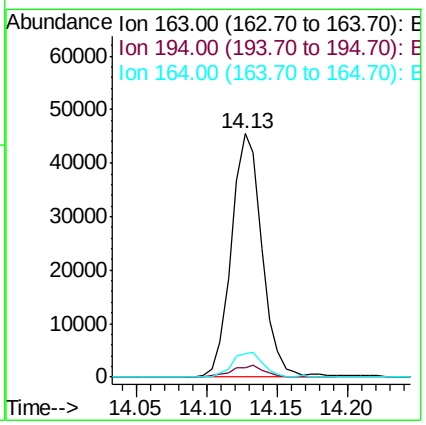


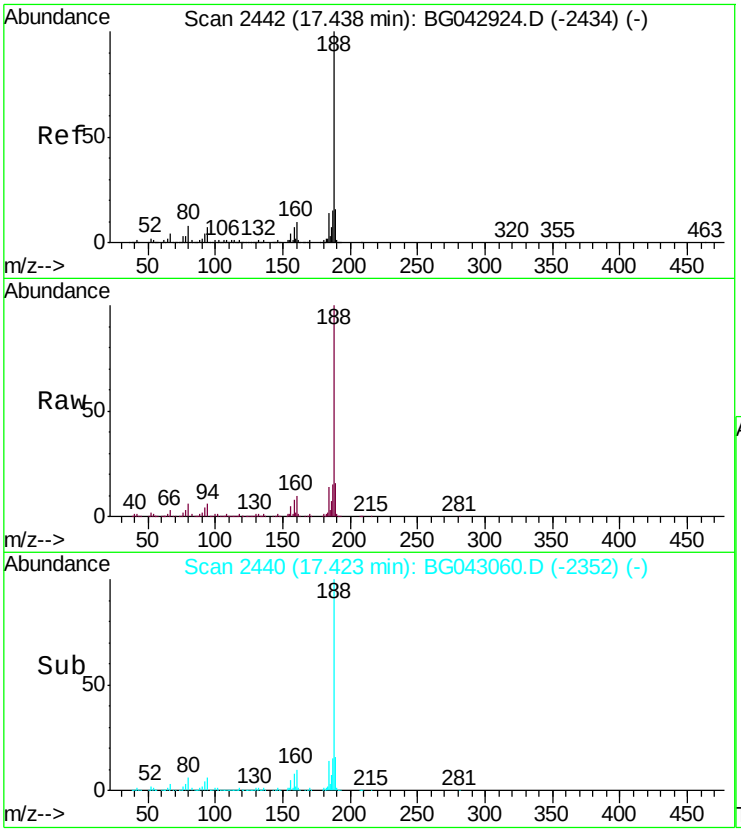


#50
Dimethylphthalate
Concen: 5.370 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:163 Resp: 68720

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	9.9	8.6	12.8



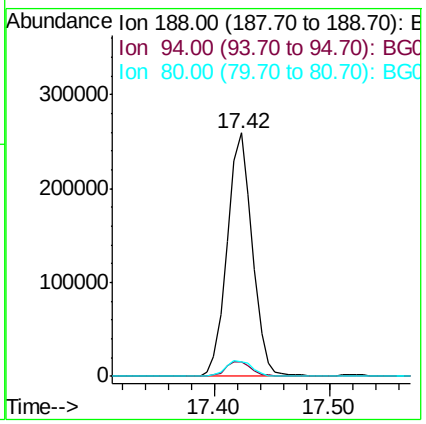


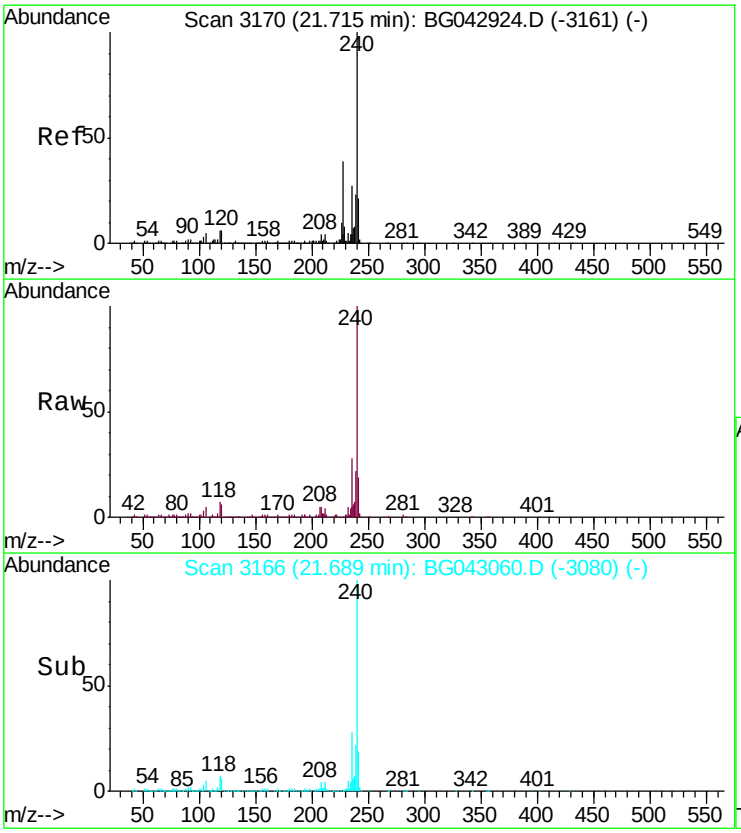
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:188 Resp: 391143

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.1	6.5	9.7#

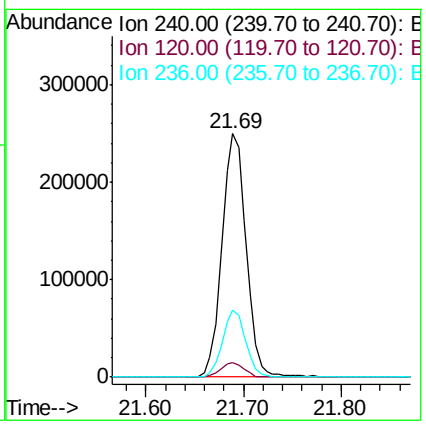


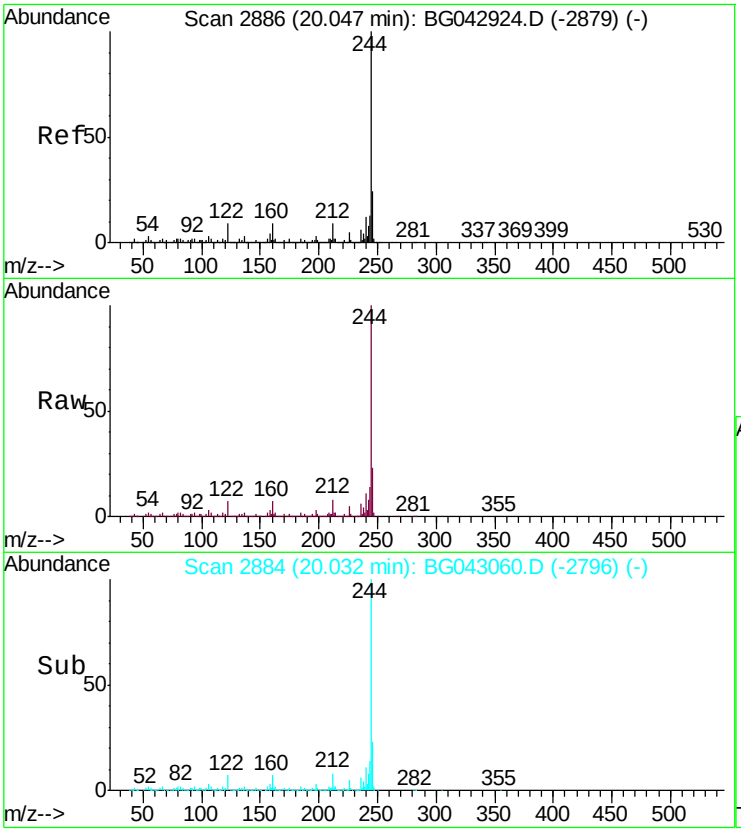


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:240 Resp: 427768

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.8	7.2
236	27.7	21.4	32.0



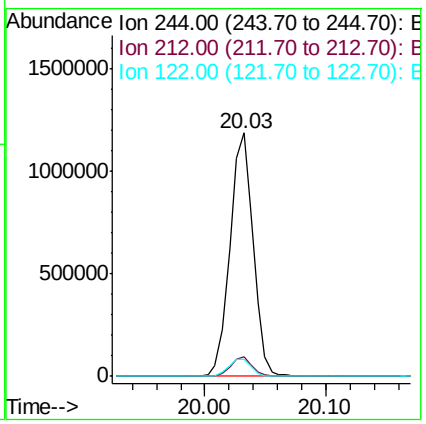


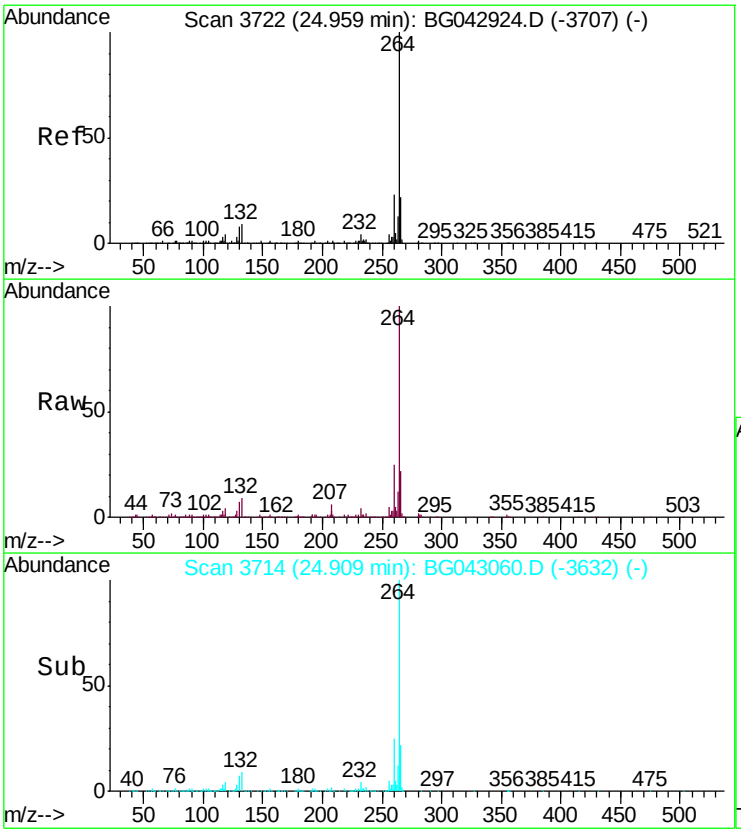
#79
Terphenyl-d14
Concen: 78.996 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Instrument :
BNA_G
ClientSampleId :
HR-05-100219

Tgt Ion:244 Resp: 1585826

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.3	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043060.D
Acq: 5 Oct 2019 18:04

Tgt Ion:264 Resp: 496331

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.9	17.7	26.5