Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045238.D
Acq On : 4 May 2020 17:52
Operator : CG/JU
Sample : L2465-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLLOFF-201009

Quant Time: May 04 18:35:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	67261	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	248508	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	173484	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	390206	20.00	ng		0.00
76) Chrysene-d12	21.64	240	422268	20.00	ng		0.00
87) Perylene-d12	24.81	264	473656	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	51371	12.61	ng		0.00
7) Phenol-d6	7.15	99	283402	46.82	ng		0.00
23) Nitrobenzene-d5	9.15	82	324816	59.64	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	5519	2.06	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	741514	62.67	ng		0.00
79) Terphenyl-d14	19.99	244	1241655	64.09	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.46	142	113896	10.794	ng		98
38) 1-Methylnaphthalene	12.67	142	75139	7.543	ng	#	99
46) 1,1'-Biphenyl	13.47	154	36548	2.772	ng		94
50) Dimethylphthalate	14.08	163	59646	4.222	ng	#	94
71) Phenanthrene	17.42	178	65135	3.248	ng		99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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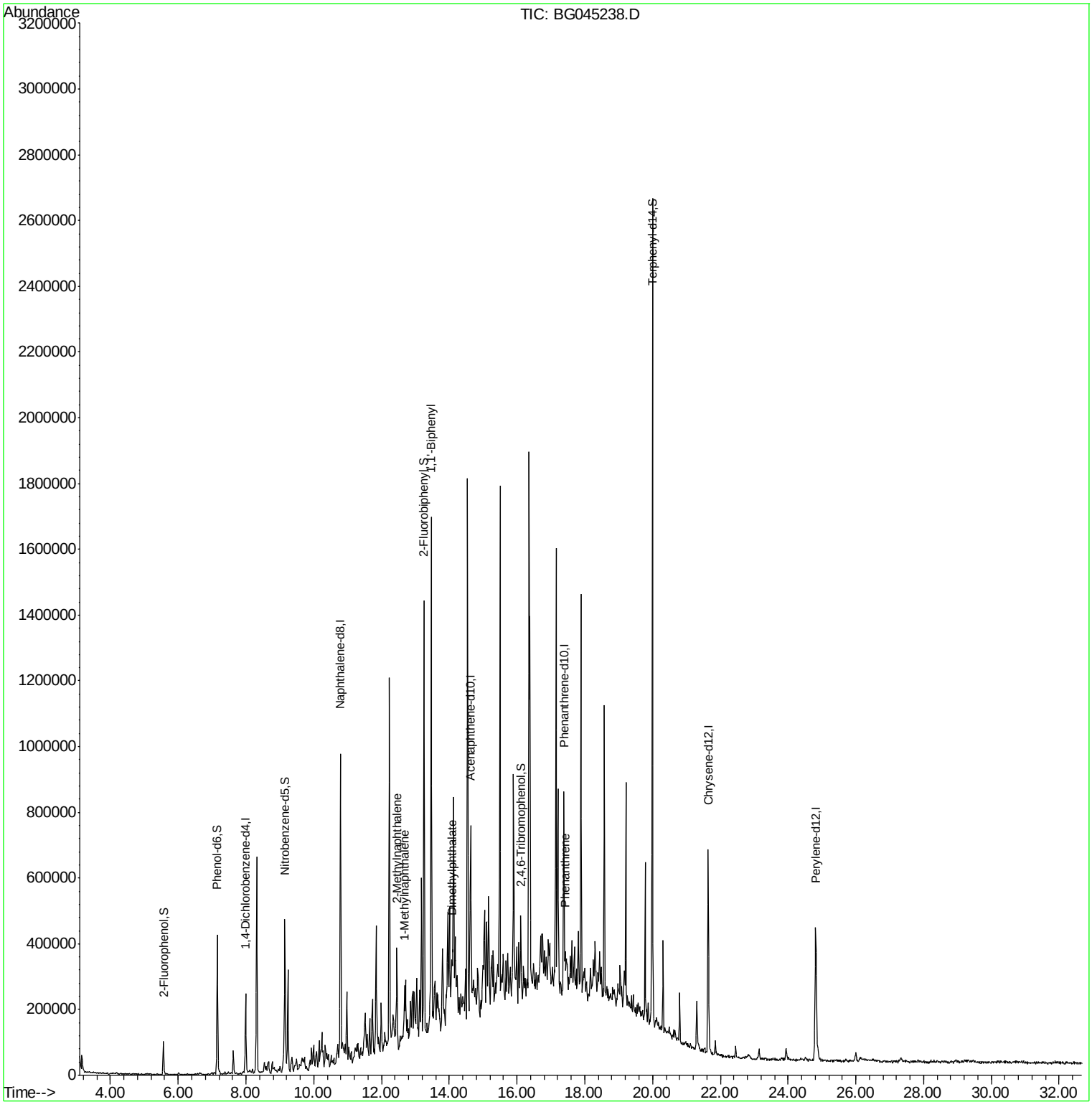
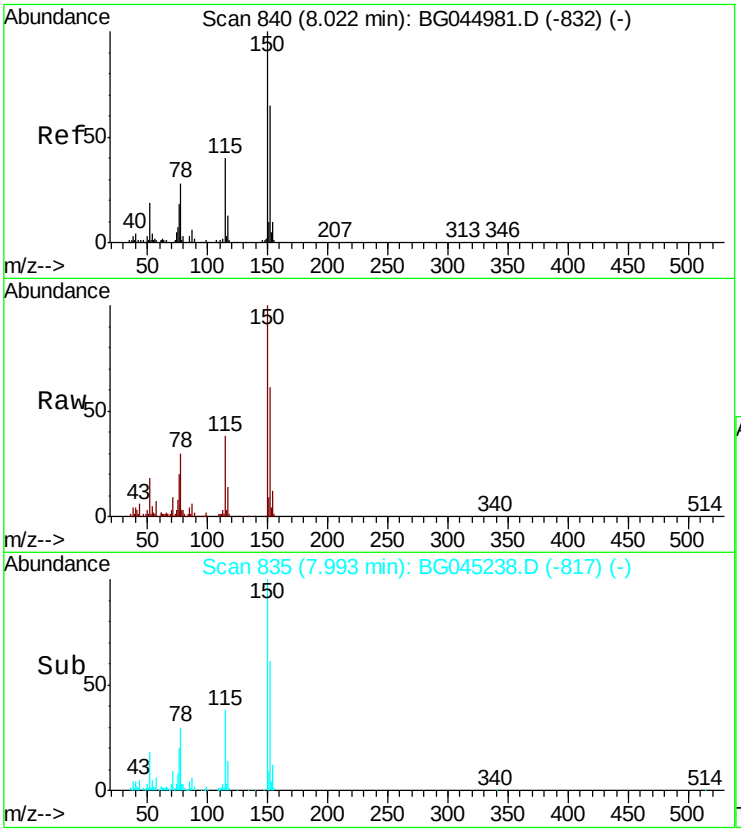


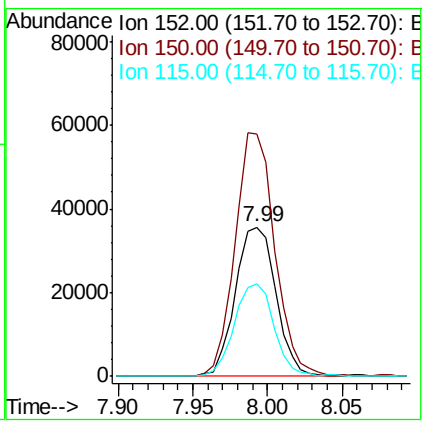


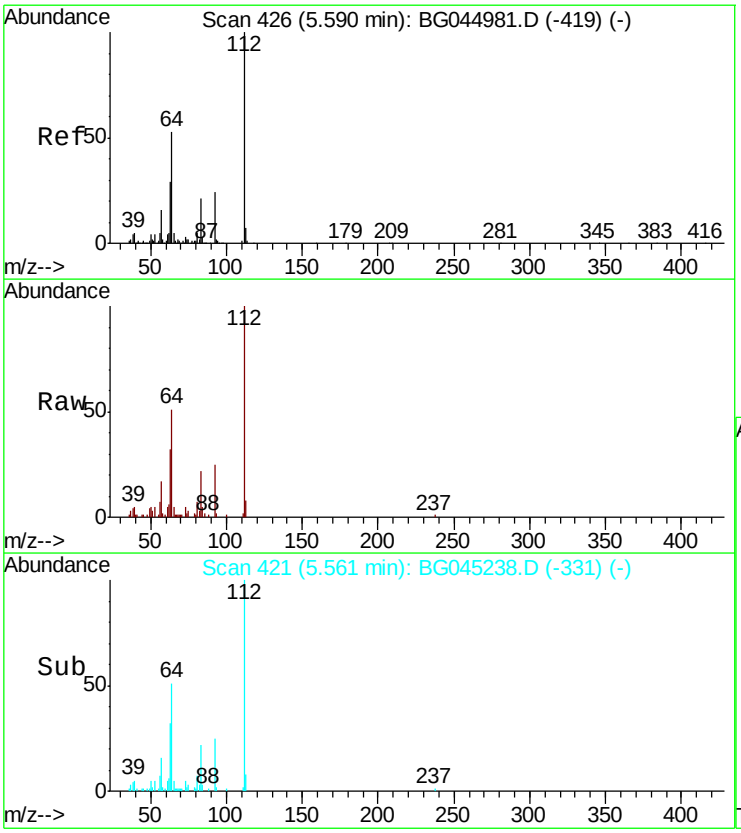
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:152 Resp: 67261

Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.6	185.4
115	62.3	49.1	73.7

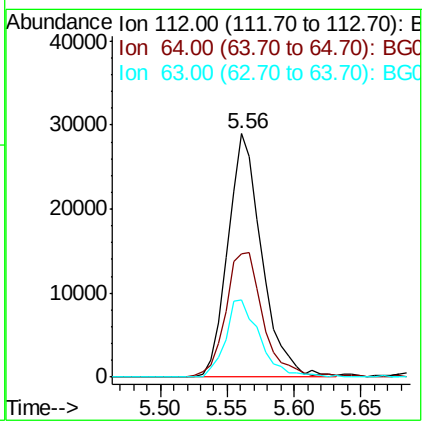


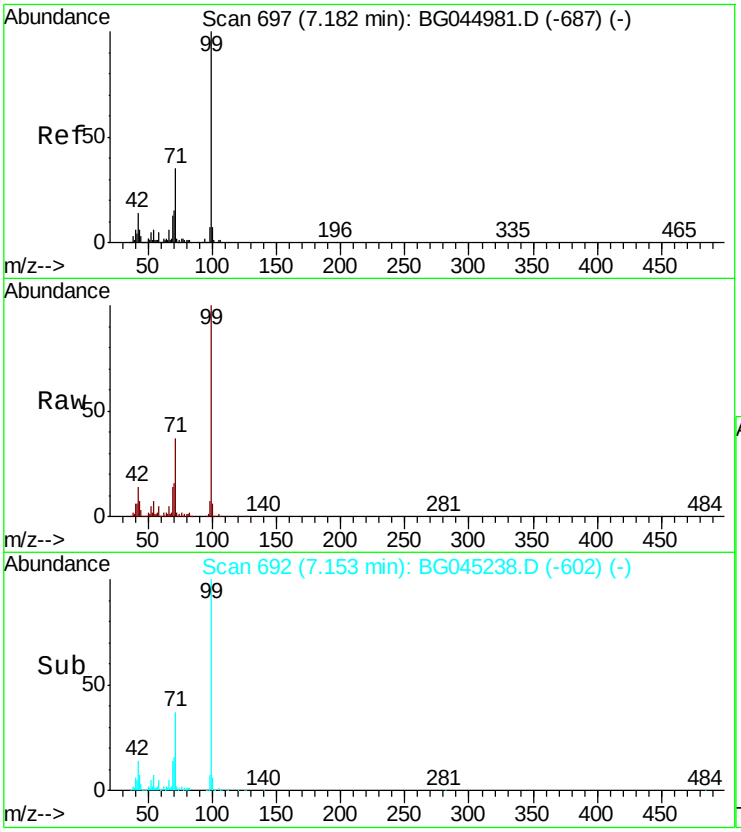


#5
2-Fluorophenol
Concen: 12.609 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:112 Resp: 51371

Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.4	63.6
63	31.6	23.1	34.7



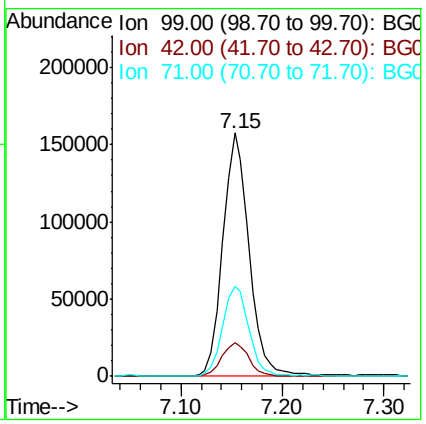


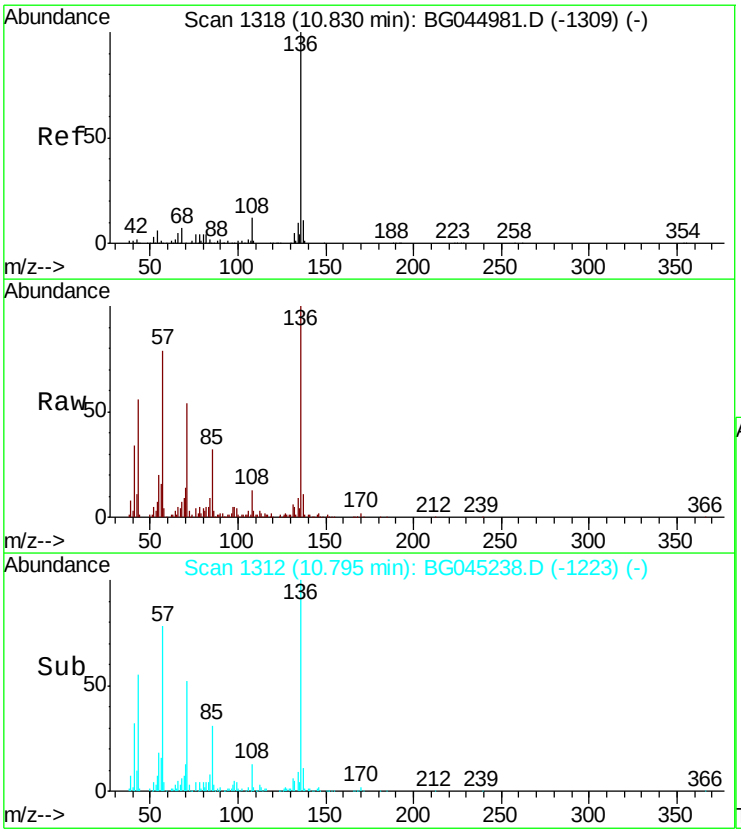
#7
Phenol-d6
Concen: 46.819 ng
RT: 7.15 min Scan# 692
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion: 99 Resp: 283402

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	36.7	28.3	42.5

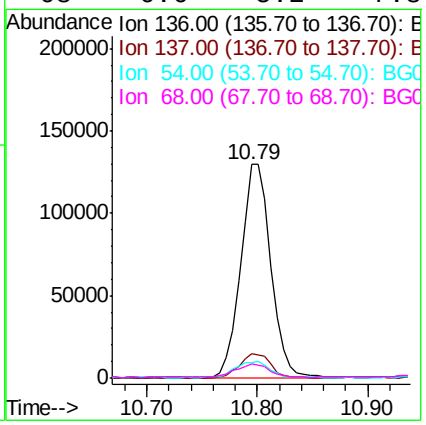


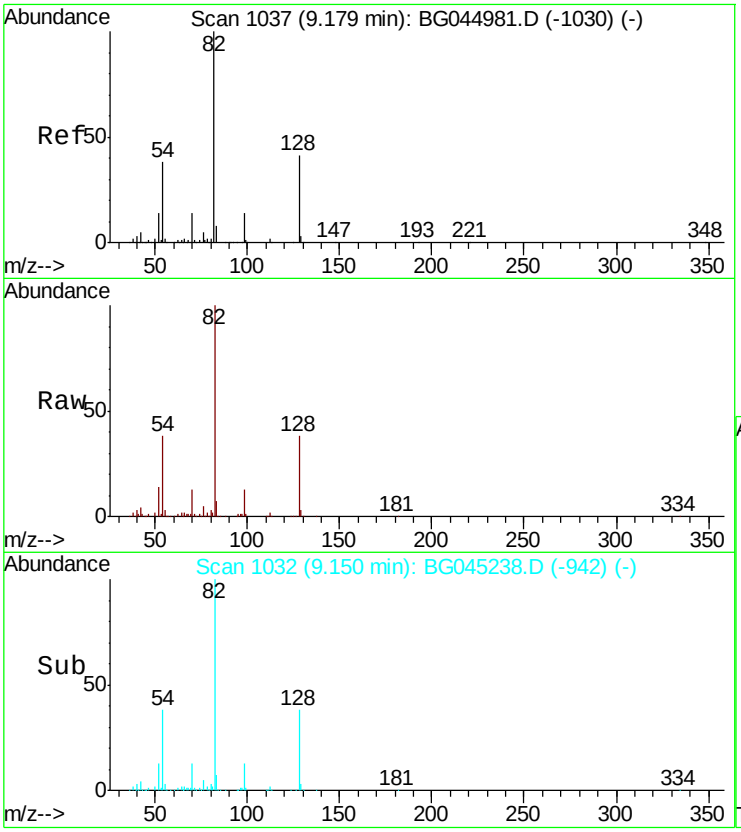


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:136 Resp: 248508

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.3	4.8	7.2#
68	6.6	5.2	7.8



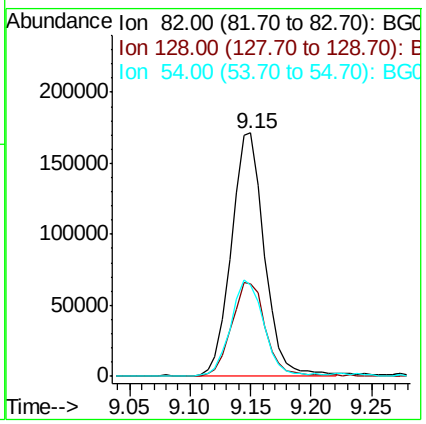


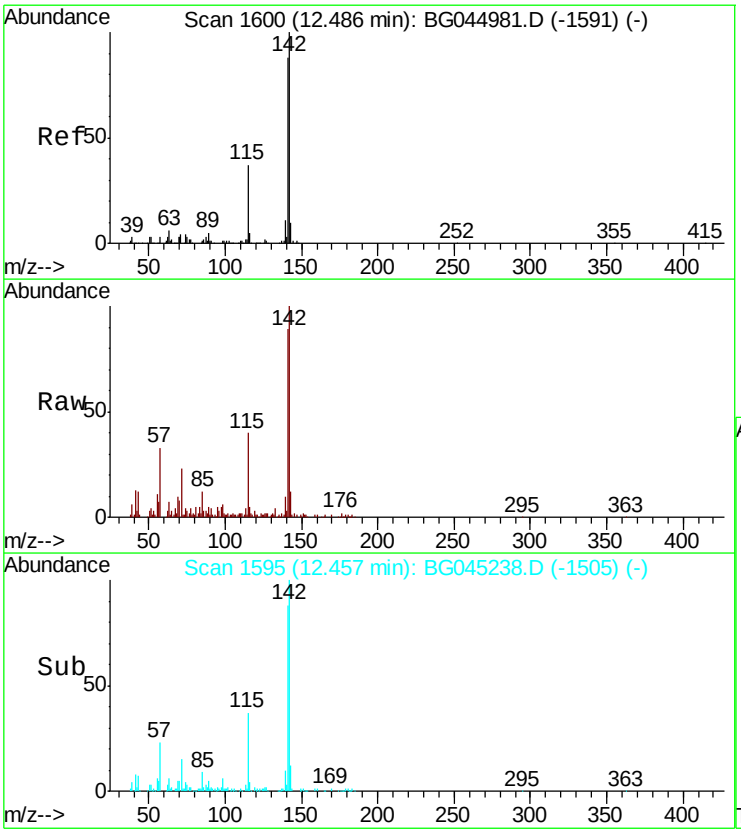
#23
Nitrobenzene-d5
Concen: 59.640 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion: 82 Resp: 324816

Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.0	49.4
54	37.7	30.4	45.6

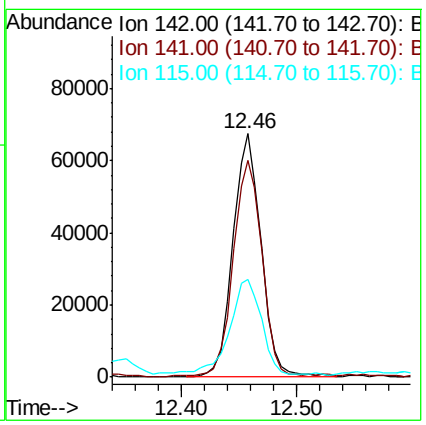


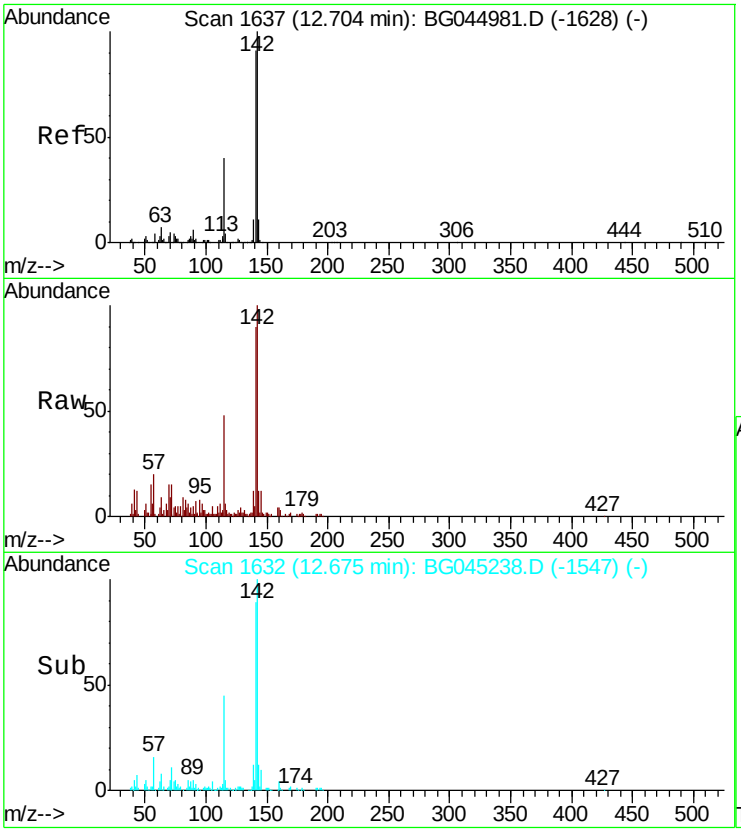


#37
2-Methylnaphthalene
Concen: 10.794 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:142 Resp: 113896

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	40.1	29.8	44.6



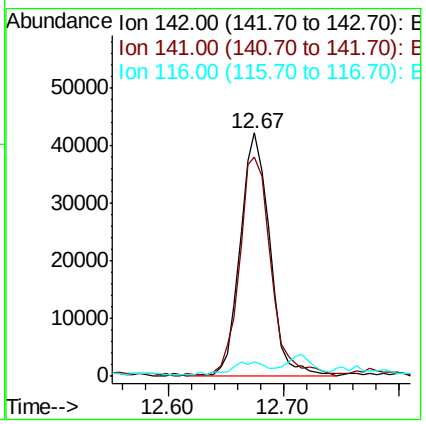


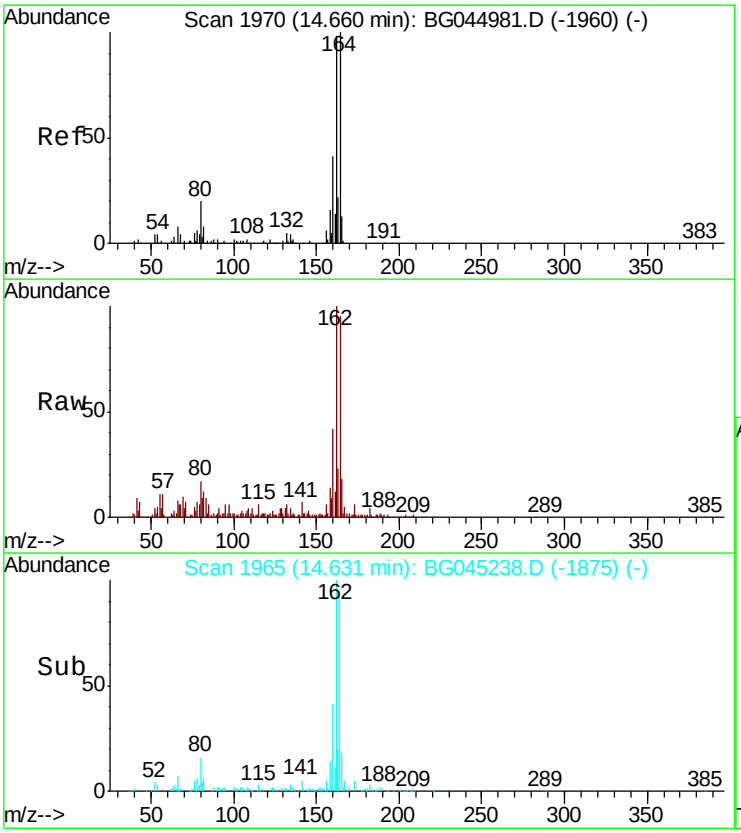
#38
1-Methylnaphthalene
Concen: 7.543 ng
RT: 12.67 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:142 Resp: 75139

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.7	109.1
116	6.0	3.1	4.7#

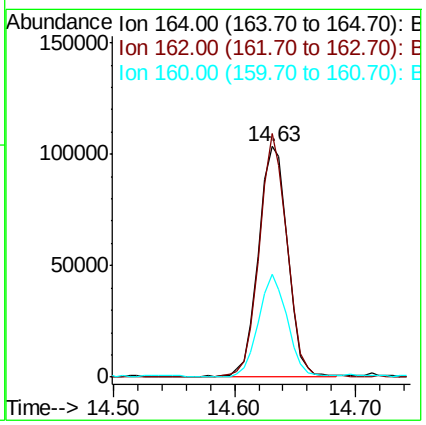


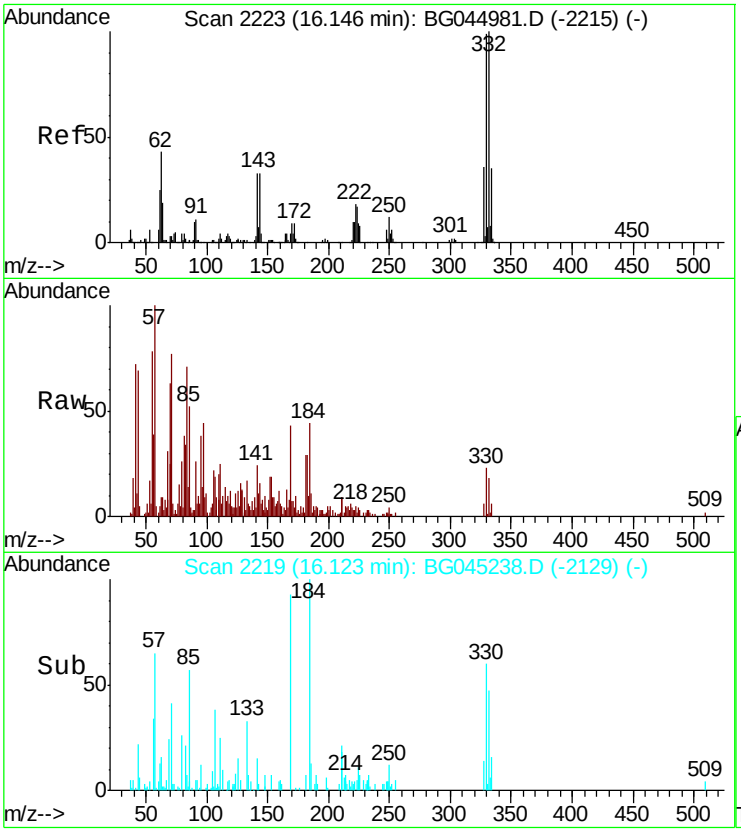


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:164 Resp: 173484

Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.7	118.1
160	44.4	32.8	49.2



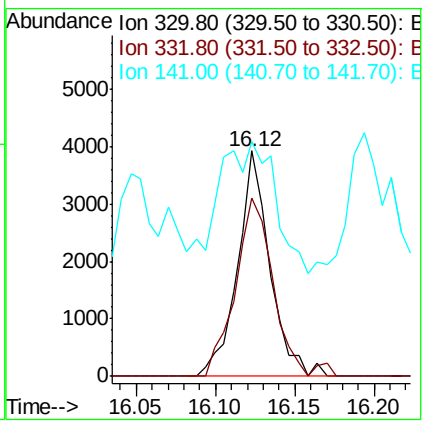


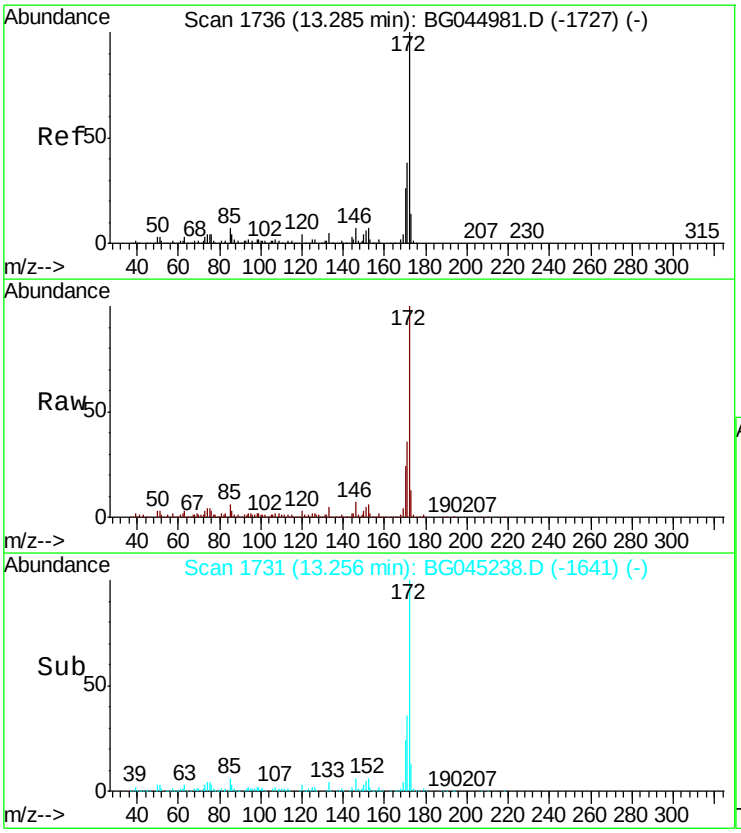
#42
2,4,6-Tribromophenol
Concen: 2.059 ng
RT: 16.12 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:330 Resp: 5519

Ion	Ratio	Lower	Upper
330	100		
332	90.8	79.1	118.7
141	35.1	27.1	40.7

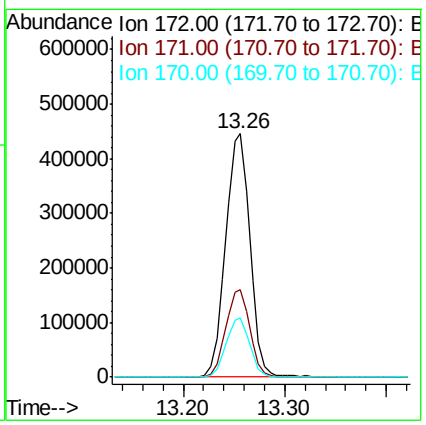


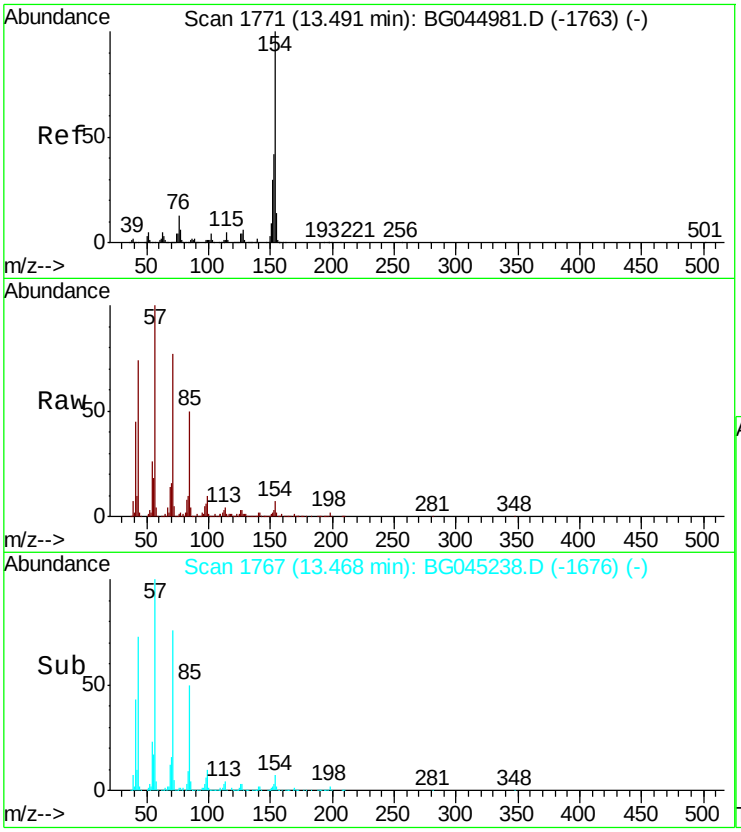


#45
2-Fluorobiphenyl
Concen: 62.674 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:172 Resp: 741514

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	46.0
170	24.3	20.5	30.7



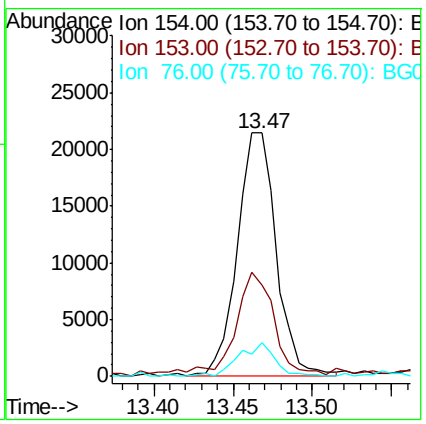


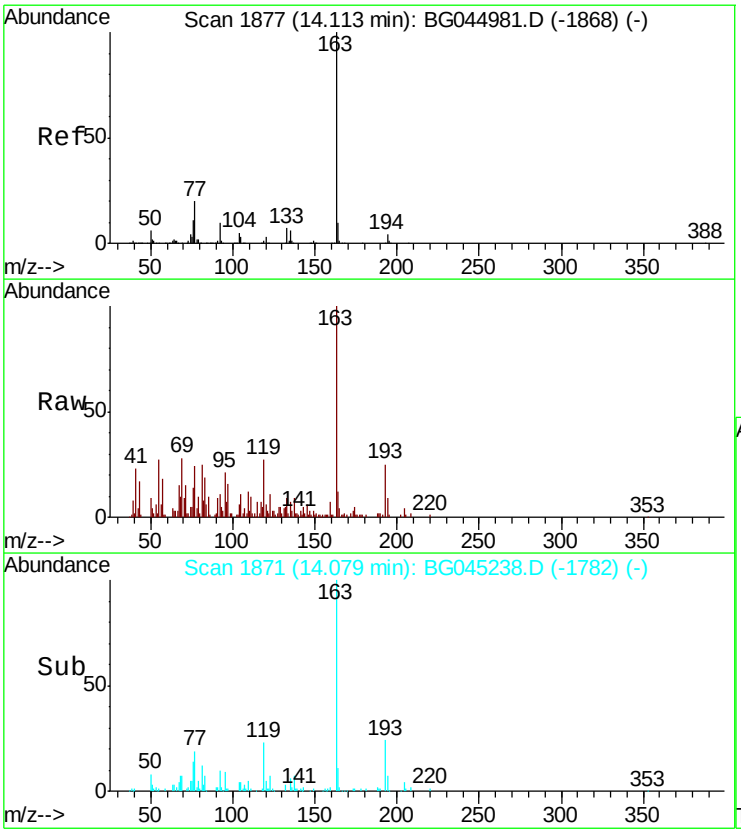
#46
1,1'-Biphenyl
Concen: 2.772 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:154 Resp: 36548

Ion	Ratio	Lower	Upper
154	100		
153	37.3	21.9	61.9
76	14.0	0.0	33.1

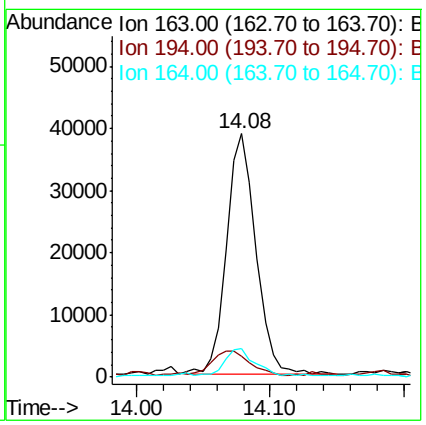


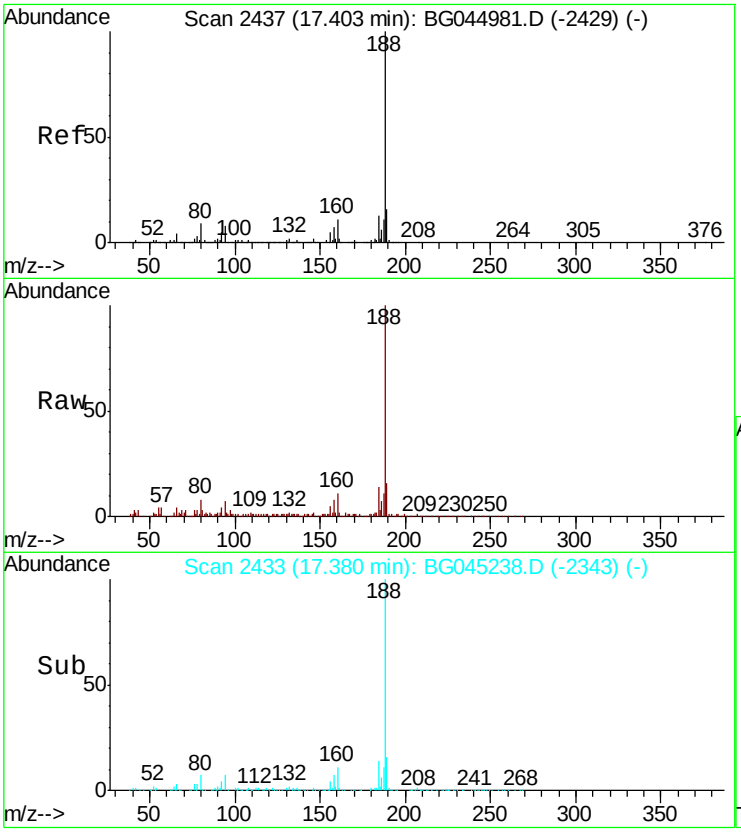


#50
Dimethylphthalate
Concen: 4.222 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:163 Resp: 59646

Ion	Ratio	Lower	Upper
163	100		
194	8.6	3.5	5.3#
164	11.7	8.2	12.4



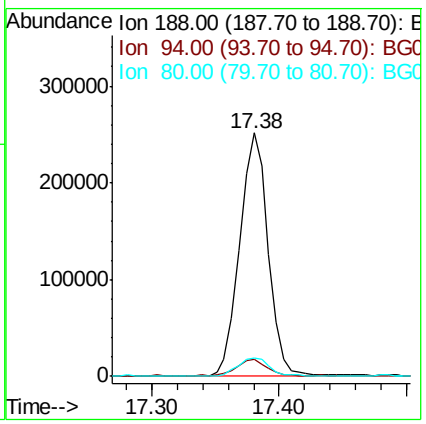


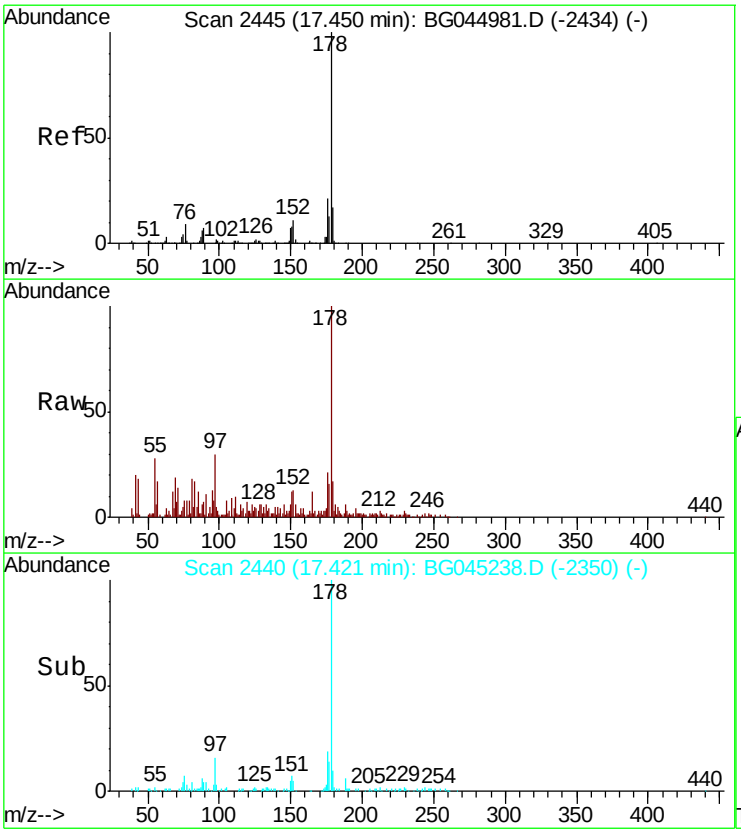
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:188 Resp: 390206

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	7.7	7.0	10.6

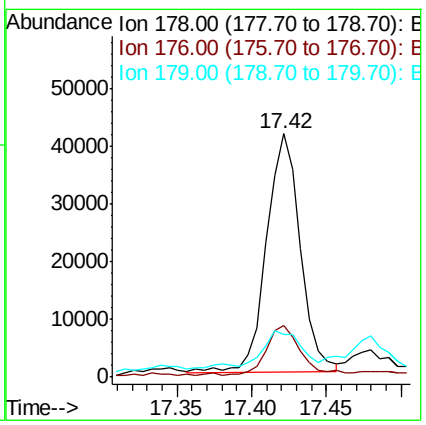


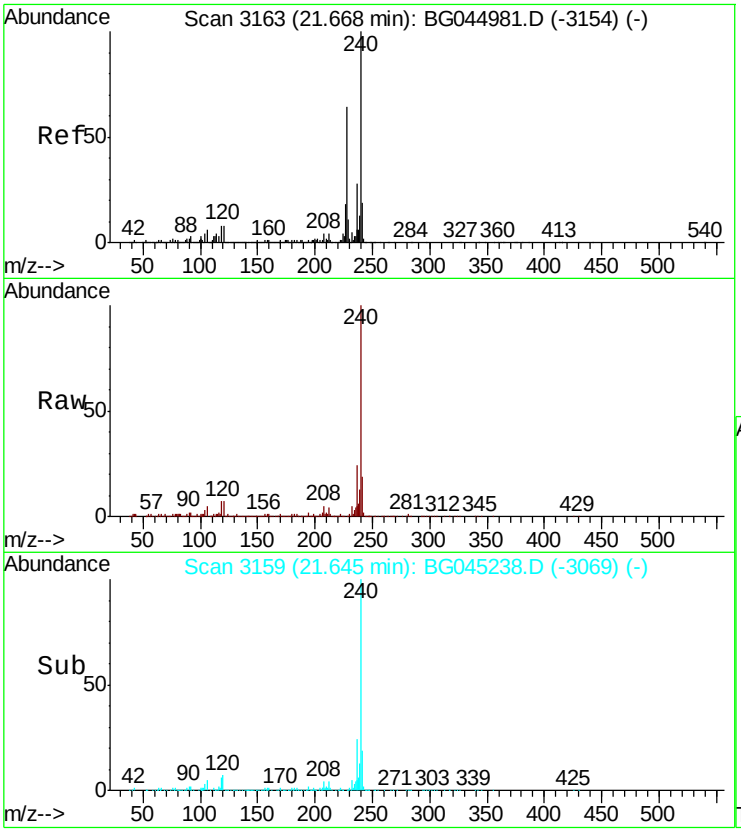


#71
Phenanthrene
Concen: 3.248 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:178 Resp: 65135

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.8	25.2
179	17.4	13.2	19.8



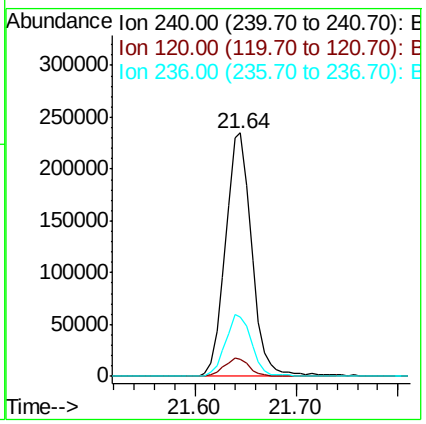


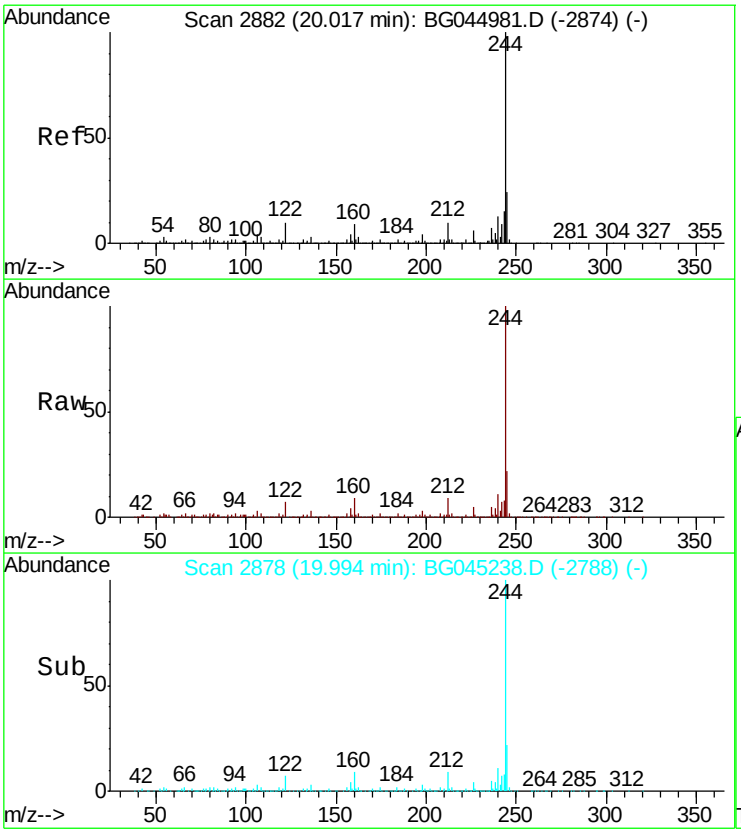
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:240 Resp: 422268

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	24.2	22.2	33.2

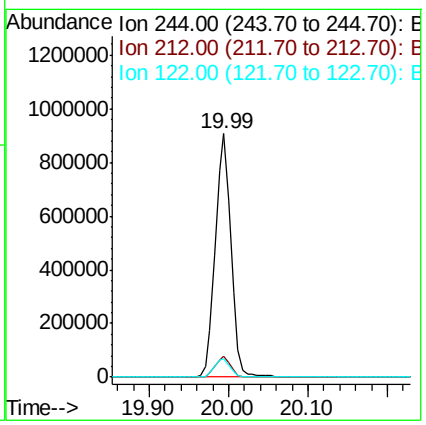


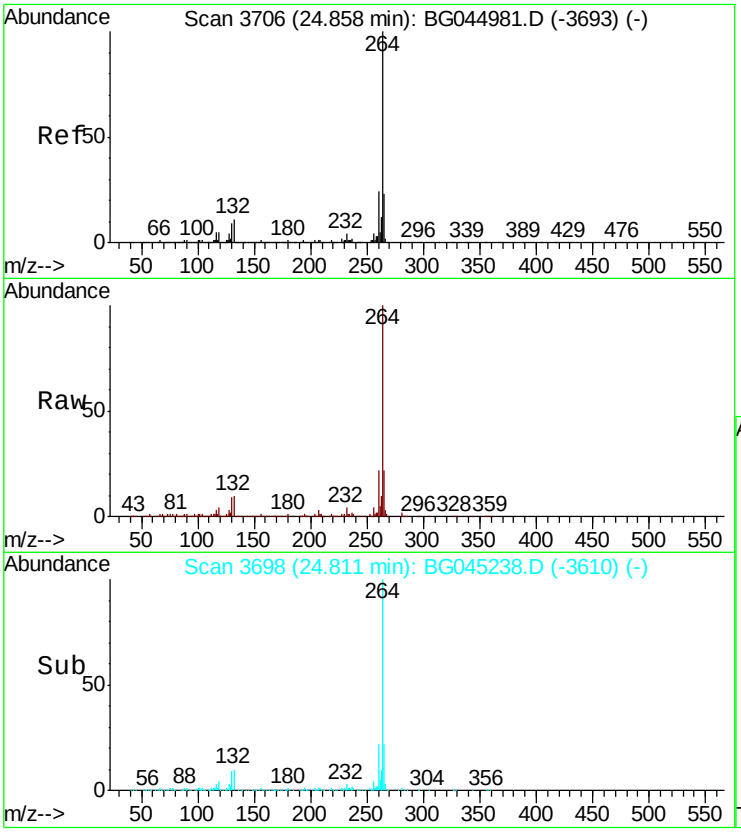


#79
Terphenyl-d14
Concen: 64.089 ng
RT: 19.99 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Tgt Ion:244 Resp: 1241655

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.9	11.9
122	7.4	7.7	11.5#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG045238.D
Acq: 4 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-201009

Tgt Ion:264 Resp: 473656

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.7	19.0	28.4