Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011620\

Quantitation Report (Not Reviewed)

Data File : BG044067.D
Acq On : 16 Jan 2020 14:04
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-25A-(6.5-7)

Quant Time: Jan 17 06:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	96816	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	385720	20.00	ng		-0.02
39) Acenaphthene-d10	14.57	164	237687	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	530278	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	508786	20.00	ng		-0.03
87) Perylene-d12	24.67	264	571307	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	527633	100.07	ng		-0.02
7) Phenol-d6	7.11	99	717193	97.31	ng		-0.01
23) Nitrobenzene-d5	9.09	82	408931	56.72	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	246709	99.19	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	841941	64.18	ng		-0.02
79) Terphenyl-d14	19.93	244	1319327	56.57	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.14	94	18869	2.485	ng		84
19) n-Nitroso-di-n-propylamine	9.09	70	52728	9.606	ng	#	79
50) Dimethylphthalate	14.03	163	59996	3.555	ng		96
51) 2,6-Dinitrotoluene	14.57	165	30809	8.077	ng	#	26
57) 2,4-Dinitrotoluene	14.57	165	30809	5.936	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	655	4.608	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	17080	2.864	ng	#	1
75) Fluoranthene	19.37	202	98922	3.401	ng		92
78) Pyrene	19.73	202	97906	2.948	ng	#	91
88) Benzo(b)fluoranthene	23.69	252	68529	2.029	ng		95
89) Benzo(k)fluoranthene	23.69	252	68529	2.134	ng		95

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

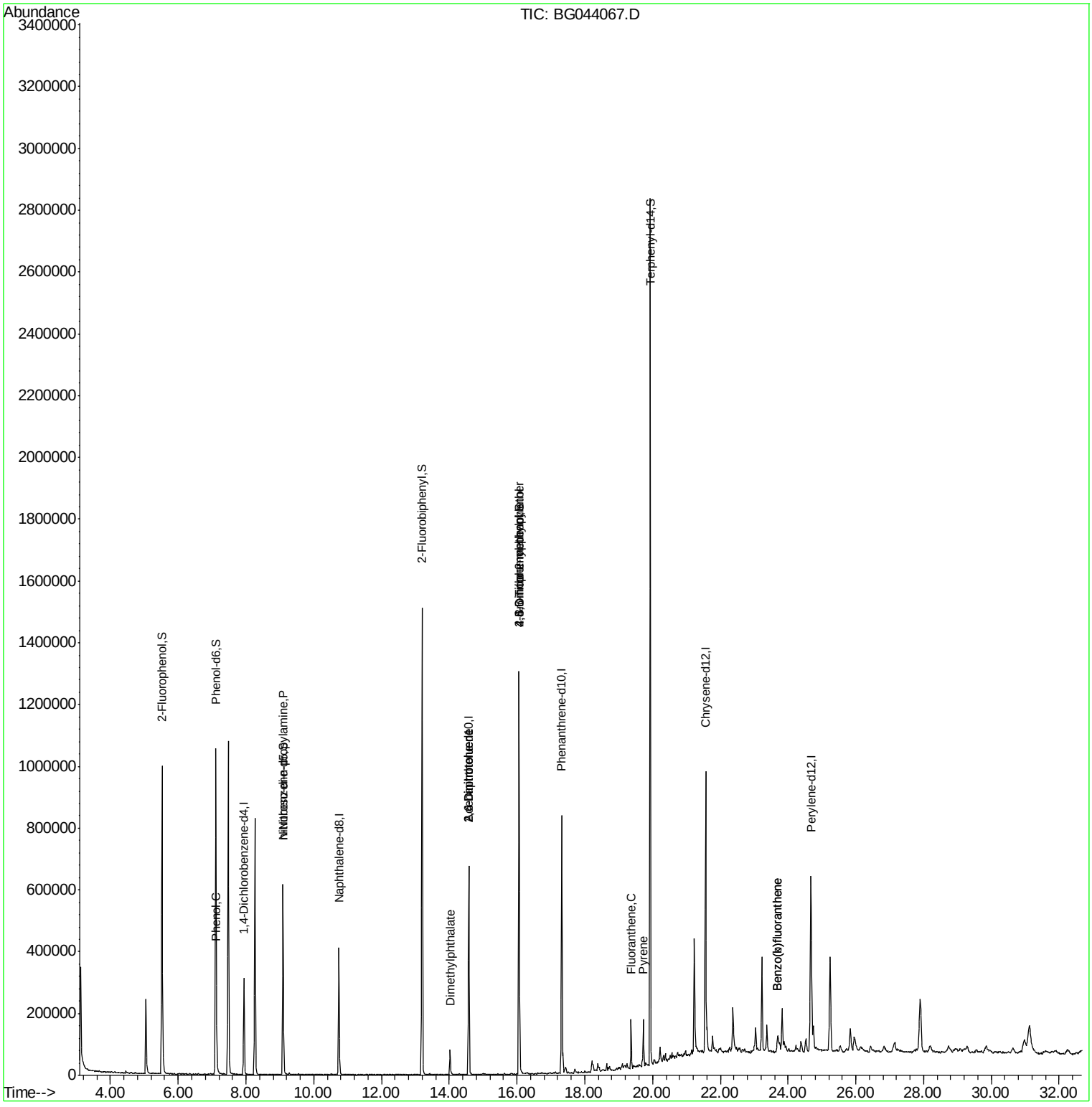
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011620\

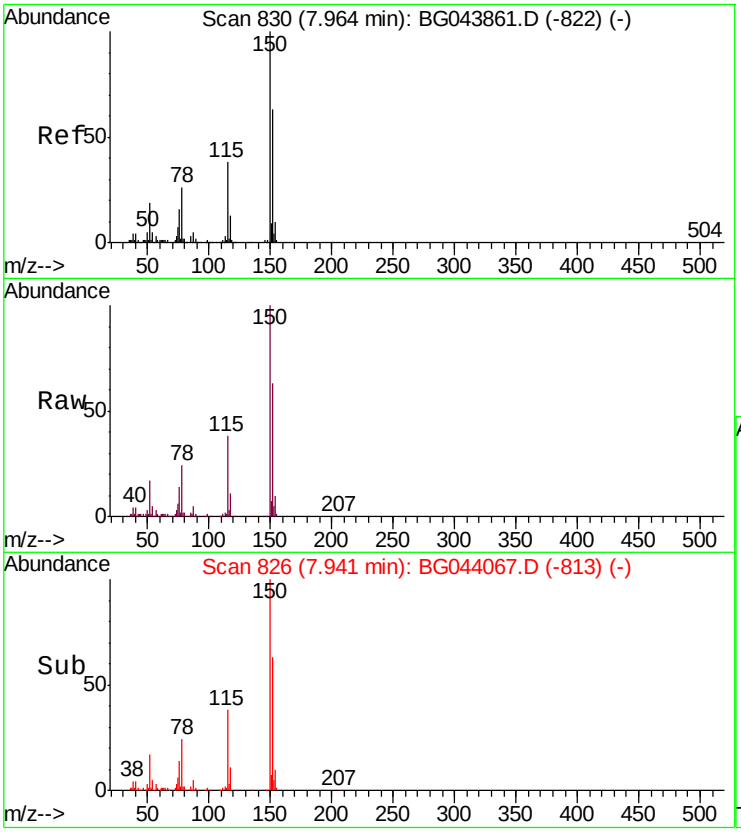
Quantitation Report (Not Reviewed)

Data File : BG044067.D
Acq On : 16 Jan 2020 14:04
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Quant Time: Jan 17 06:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



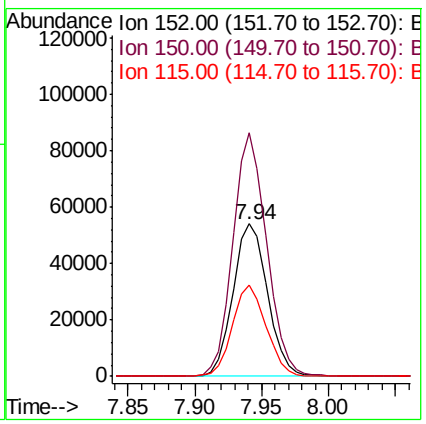


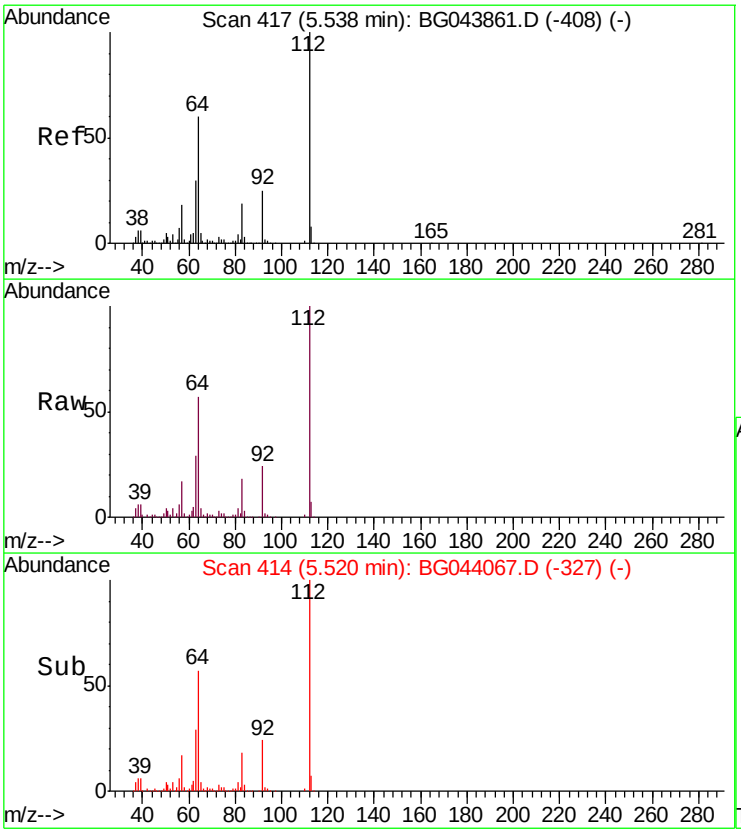
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:152 Resp: 96816

Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.0	190.4
115	60.1	47.8	71.8

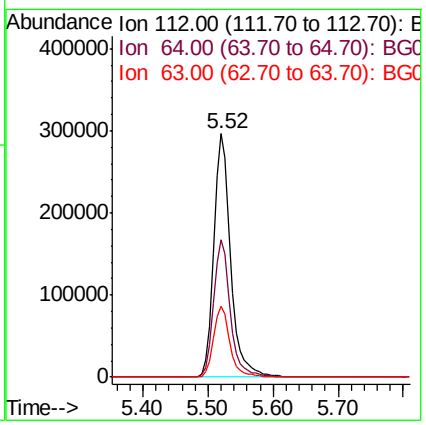


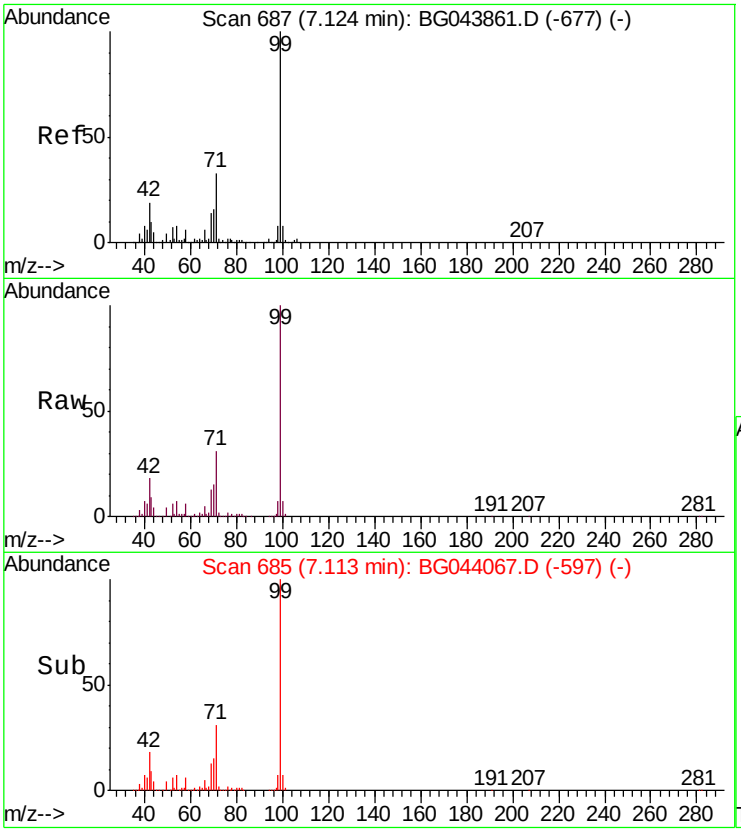


#5
2-Fluorophenol
Concen: 100.066 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:112 Resp: 527633

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.8	71.6
63	28.9	24.3	36.5



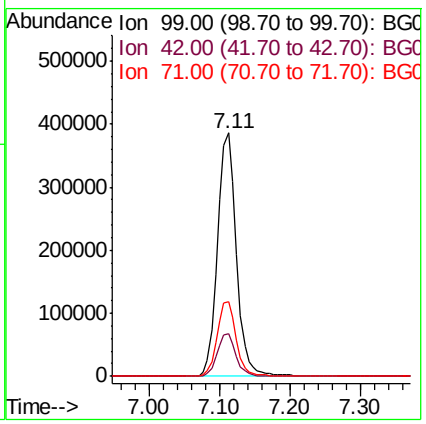


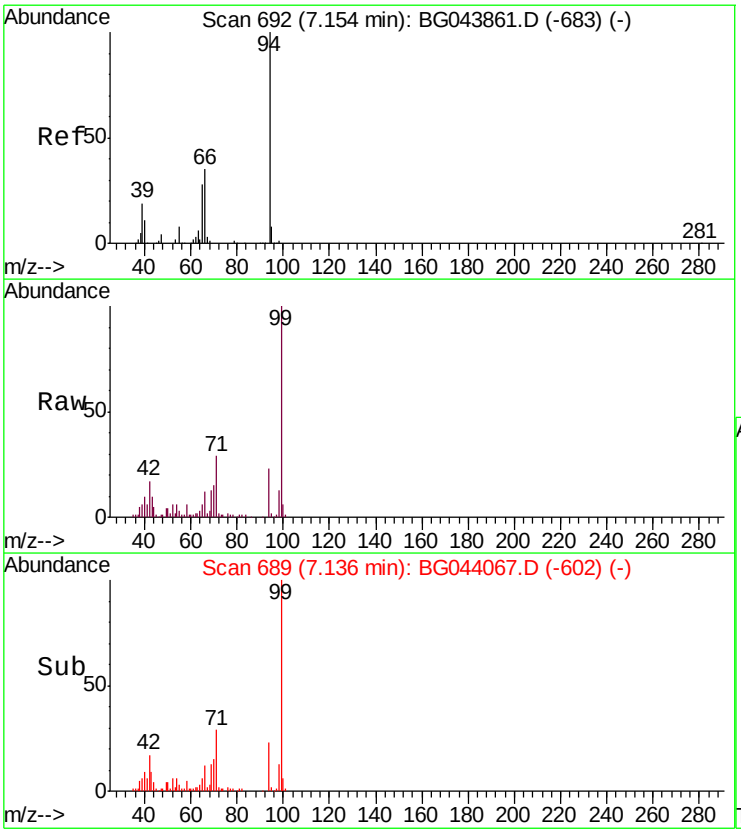
#7
Phenol-d6
Concen: 97.306 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion: 99 Resp: 717193

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	30.7	26.4	39.6

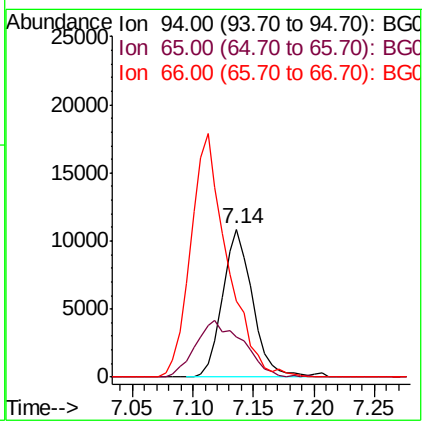


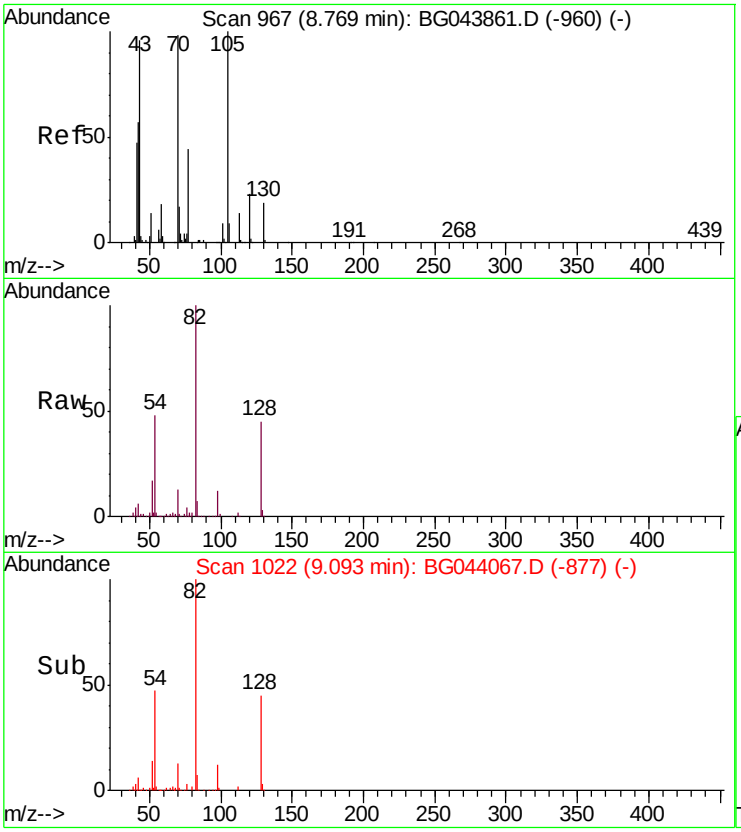


#10
Phenol
Concen: 2.485 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion: 94 Resp: 18869

Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	51.4	15.6	55.6



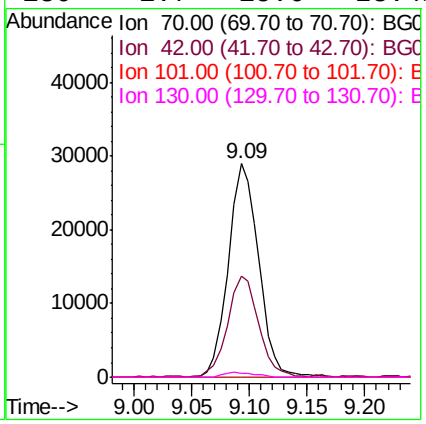


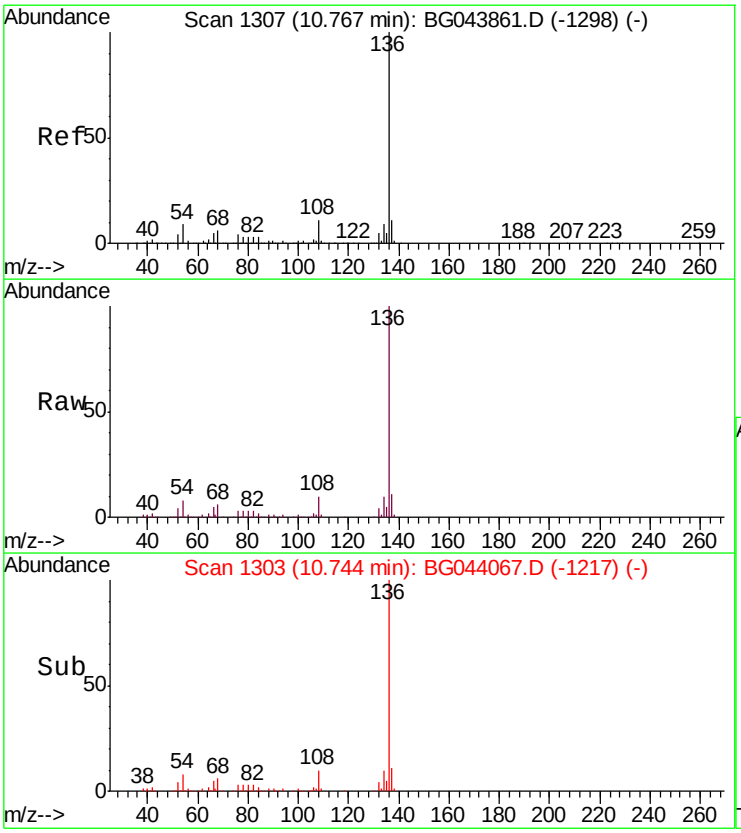
#19
n-Nitroso-di-n-propylamine
Concen: 9.606 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.32 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion: 70 Resp: 52728

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.0	70.4
101	0.0	7.2	10.8#
130	1.7	15.6	23.4#

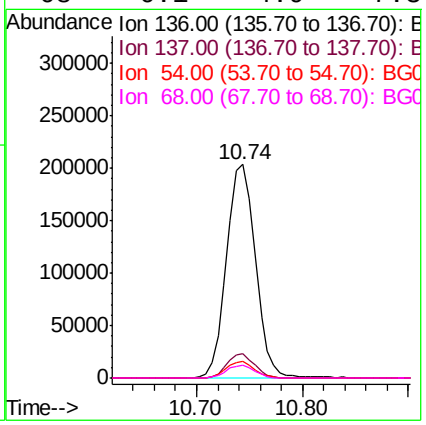


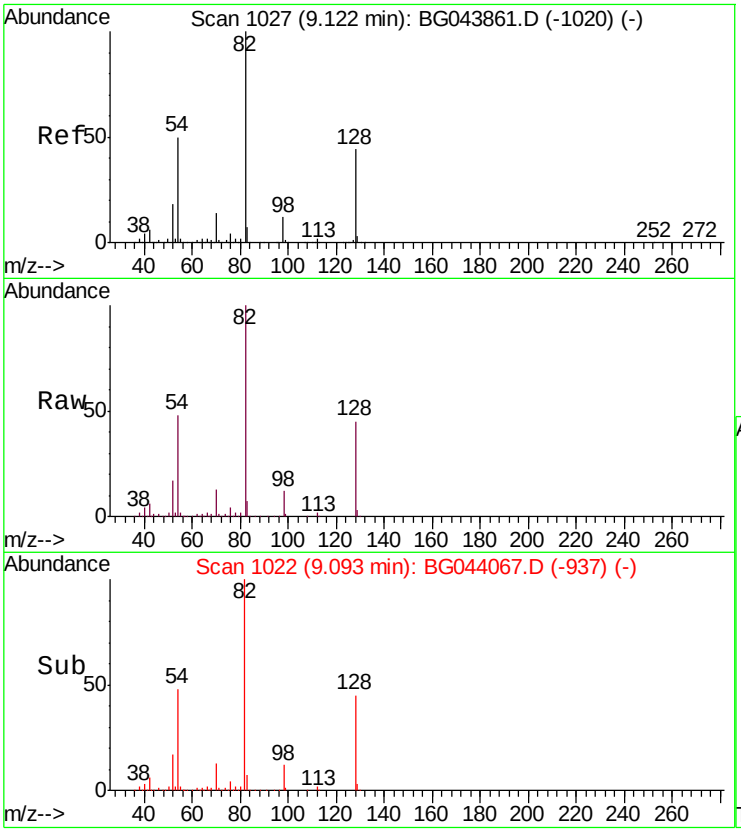


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:136 Resp: 385720

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	7.0	10.4
68	6.1	4.9	7.3



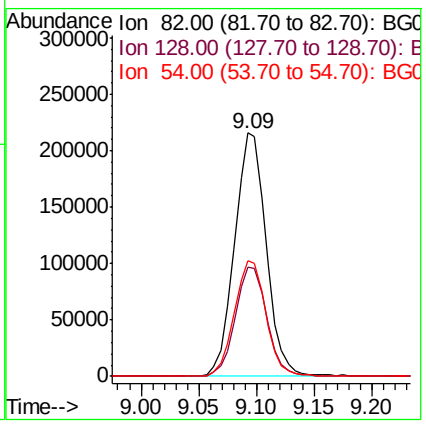


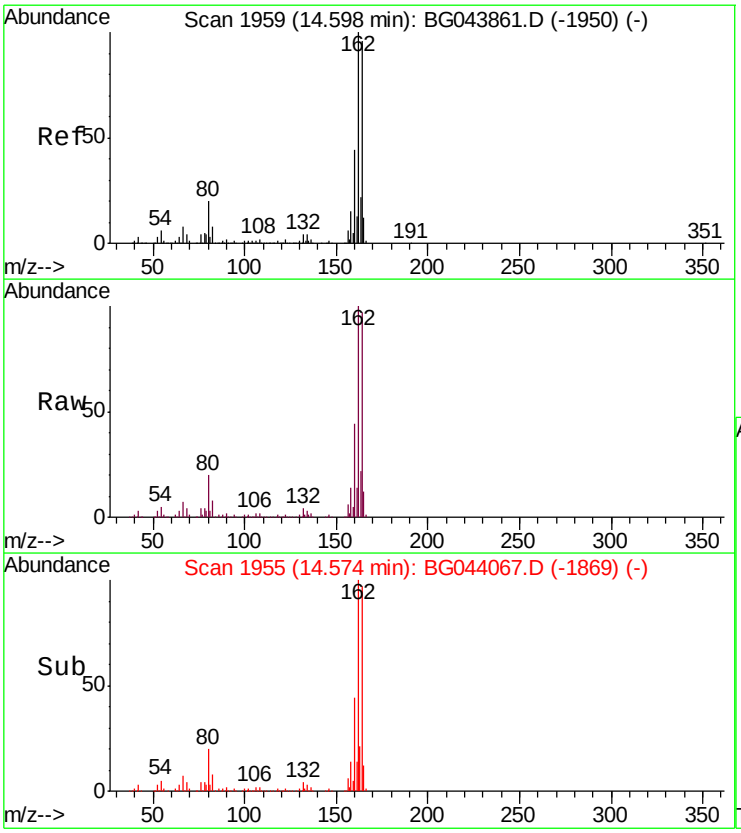
#23
Nitrobenzene-d5
Concen: 56.715 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion: 82 Resp: 408931

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	47.6	40.1	60.1

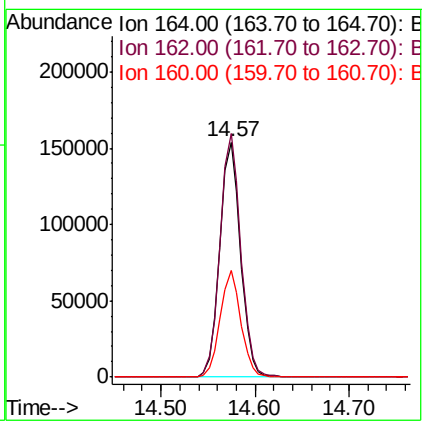


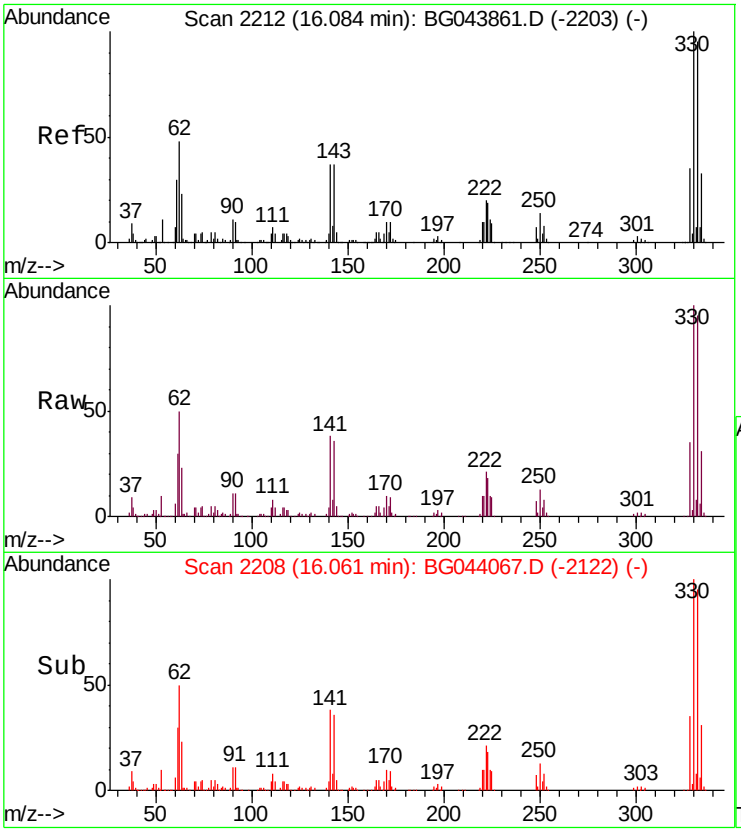


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:164 Resp: 237687

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.4
160	45.6	36.1	54.1



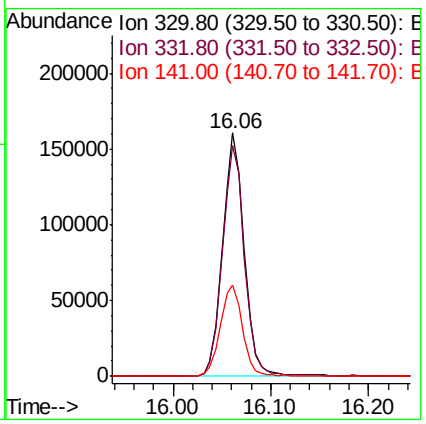


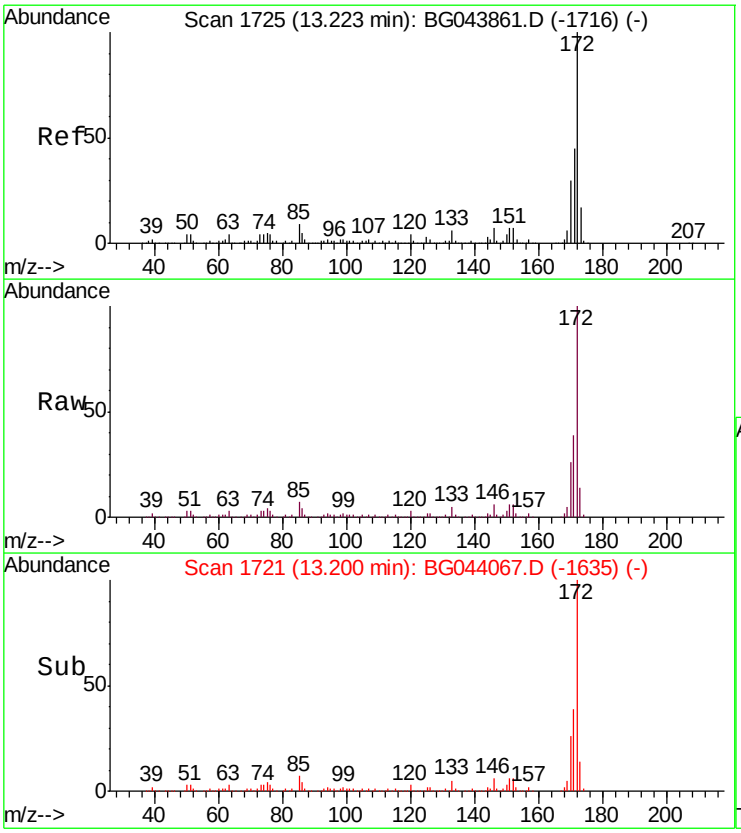
#42
2,4,6-Tribromophenol
Concen: 99.186 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:330 Resp: 246709

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	38.7	33.1	49.7

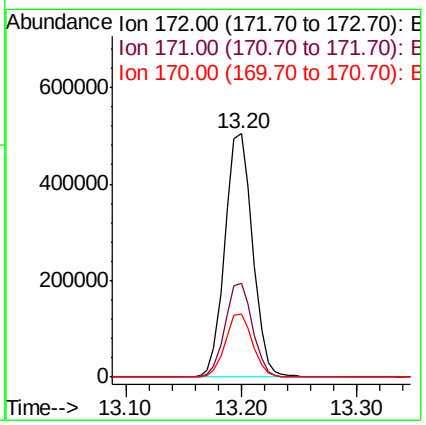


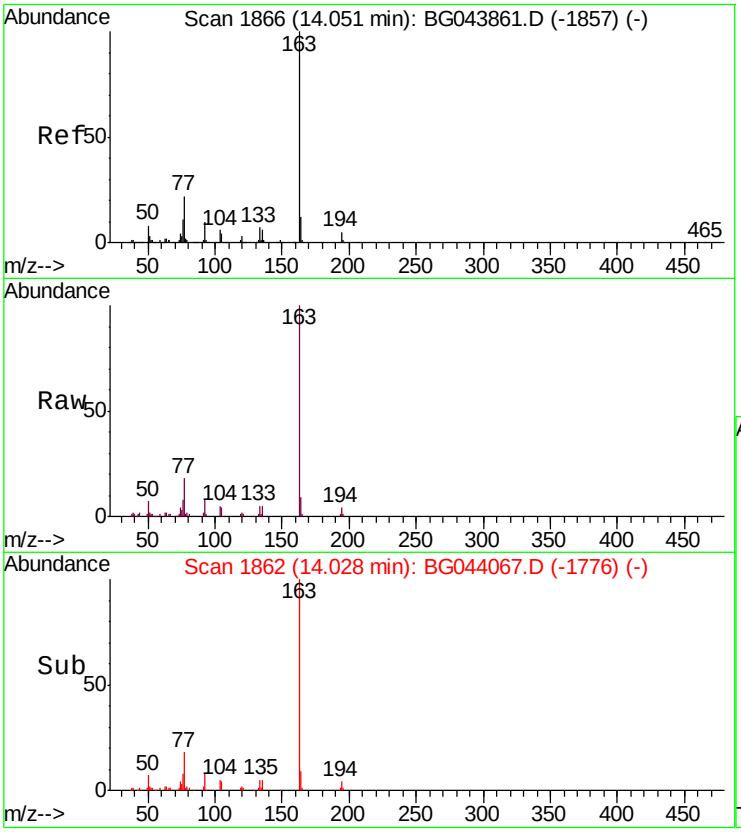


#45
2-Fluorobiphenyl
Concen: 64.177 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:172 Resp: 841941

Ion	Ratio	Lower	Upper
172	100		
171	38.8	35.8	53.8
170	25.9	24.2	36.4



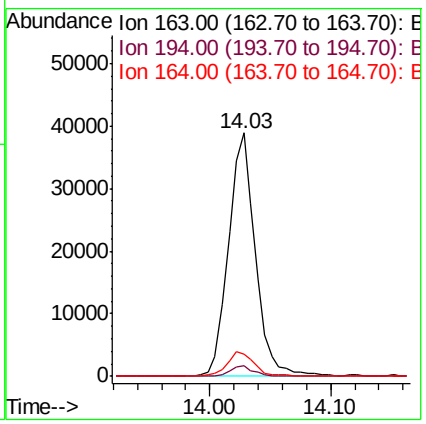


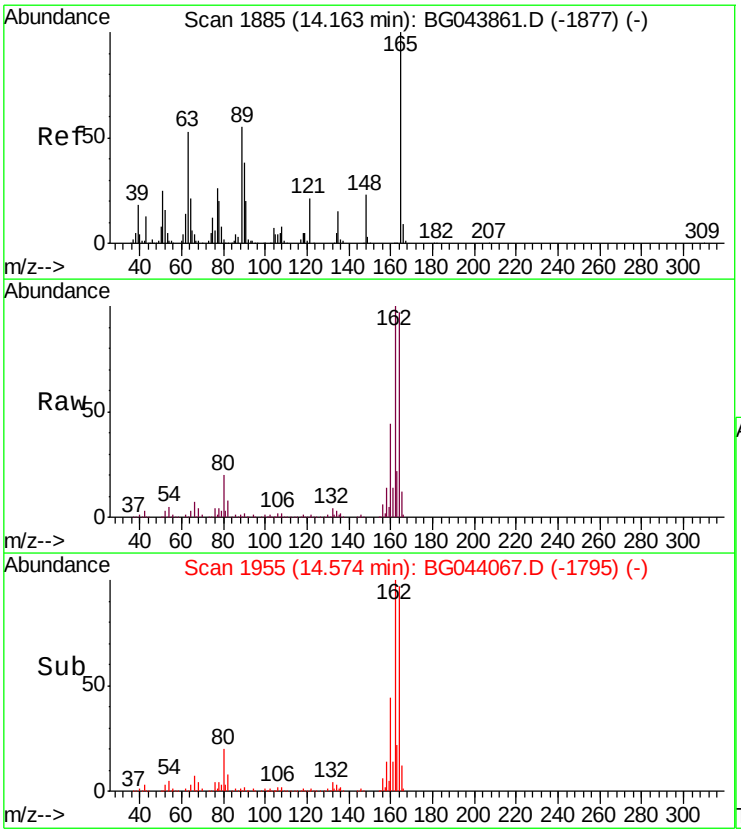
#50
Dimethylphthalate
Concen: 3.555 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:163 Resp: 59996

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	9.4	9.3	13.9

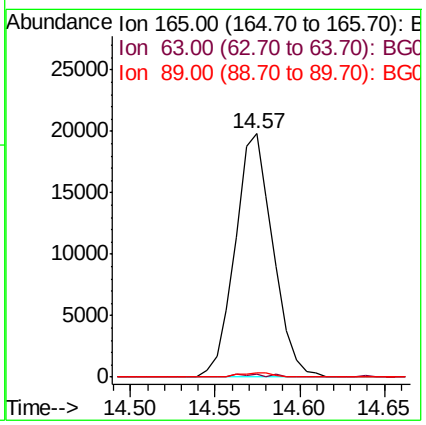


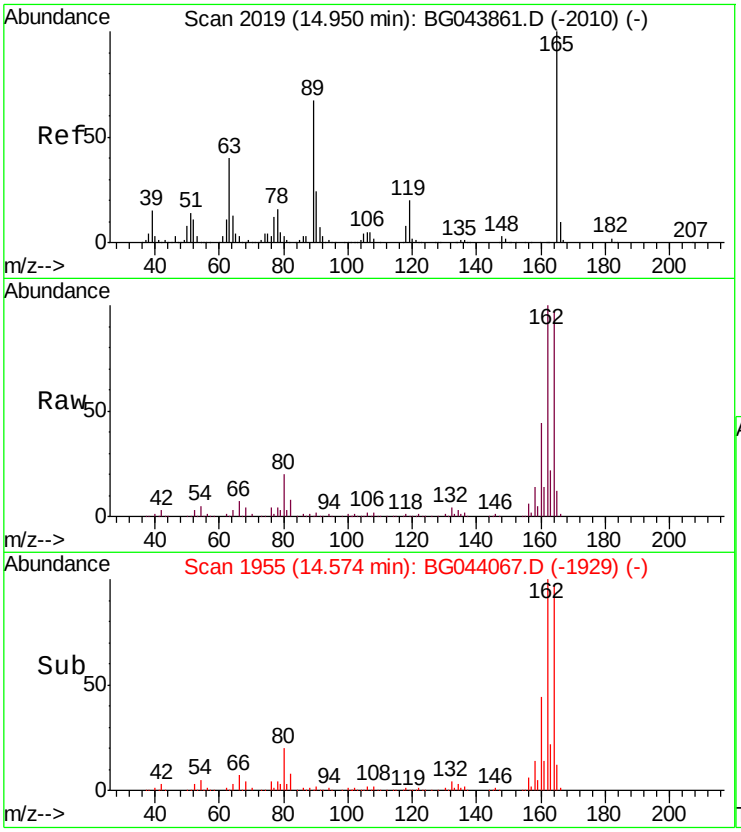


#51
2,6-Dinitrotoluene
Concen: 8.077 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:165 Resp: 30809

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.1	64.7#
89	1.7	43.8	65.6#



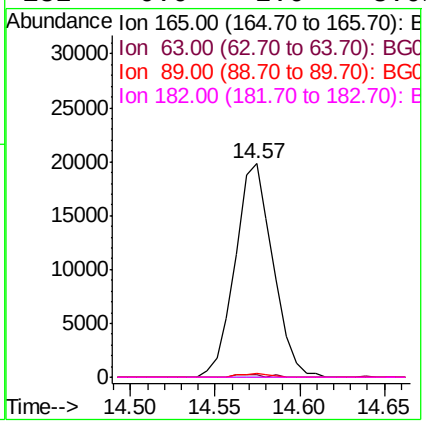


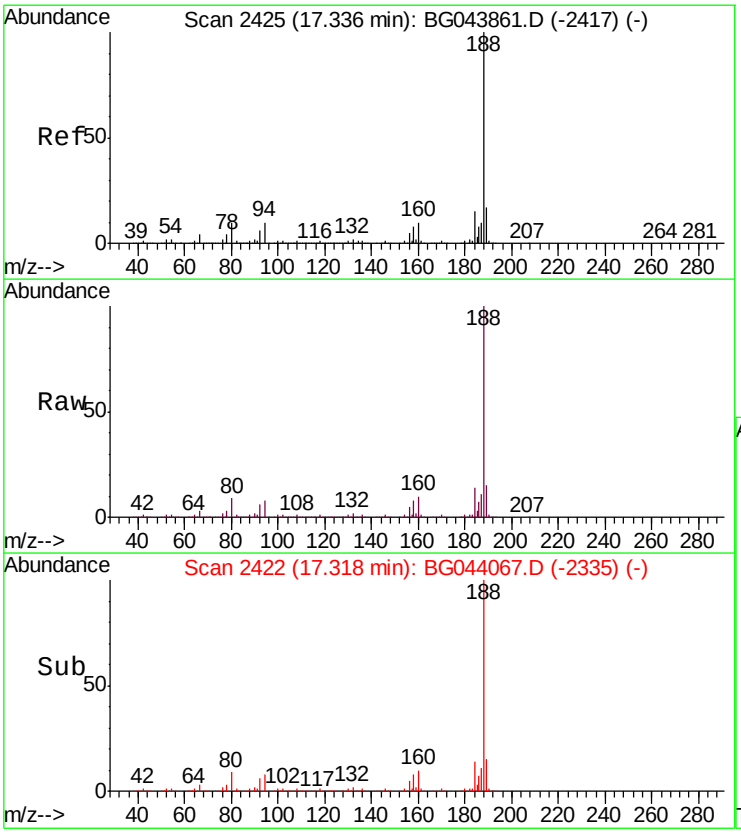
#57
2,4-Dinitrotoluene
Concen: 5.936 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:165 Resp: 30809

Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#

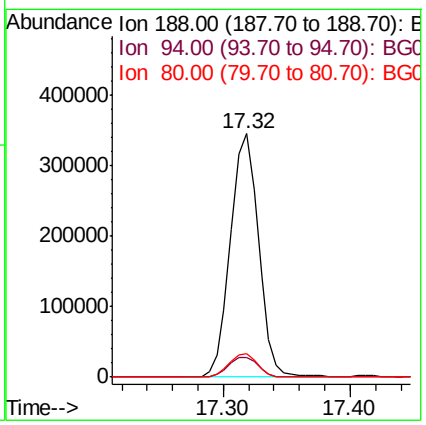


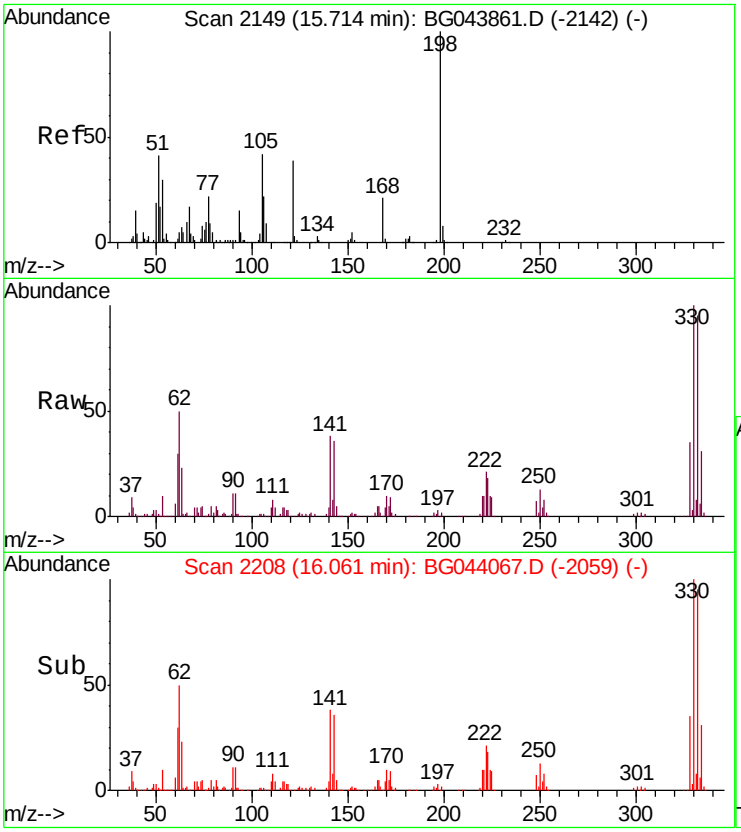


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:188 Resp: 530278

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	9.4	8.2	12.4



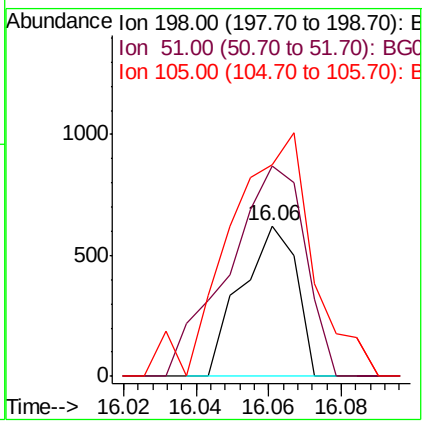


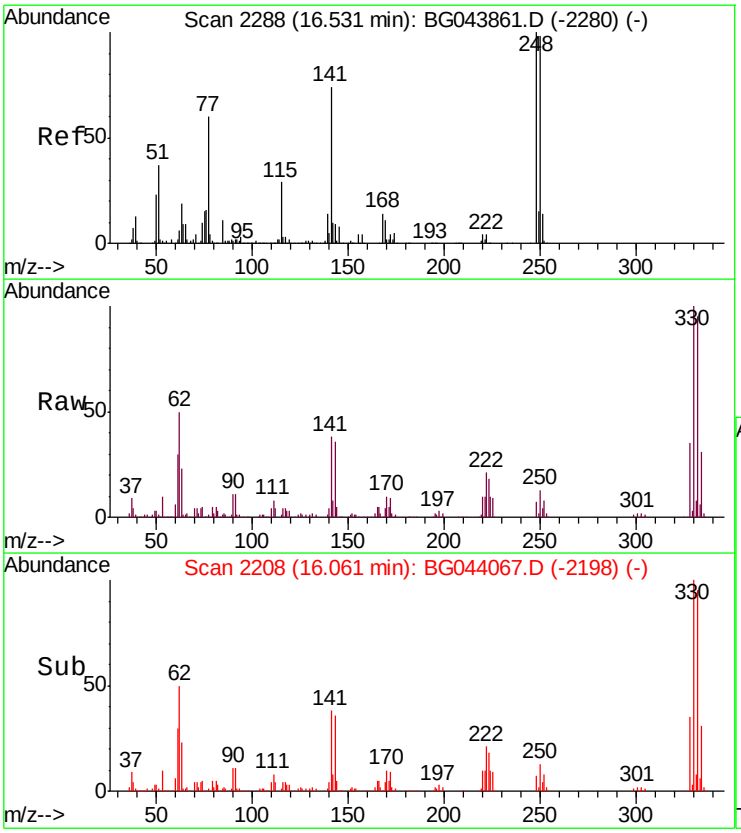
#65
4,6-Dinitro-2-methylphenol
Concen: 4.608 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:198 Resp: 655

Ion	Ratio	Lower	Upper
198	100		
51	139.6	22.5	62.5#
105	140.4	22.3	62.3#

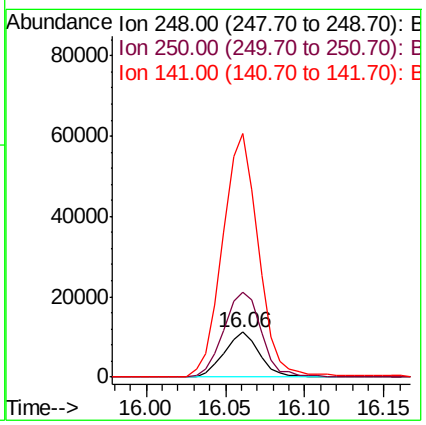


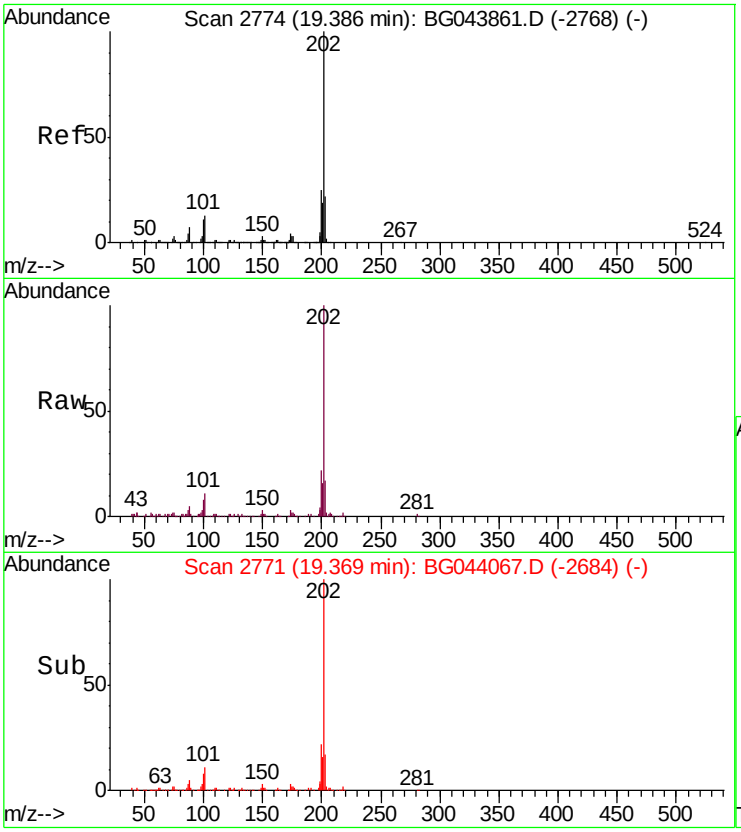


#67
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.47 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:248 Resp: 17080

Ion	Ratio	Lower	Upper
248	100		
250	188.8	78.2	117.2#
141	543.8	59.3	88.9#



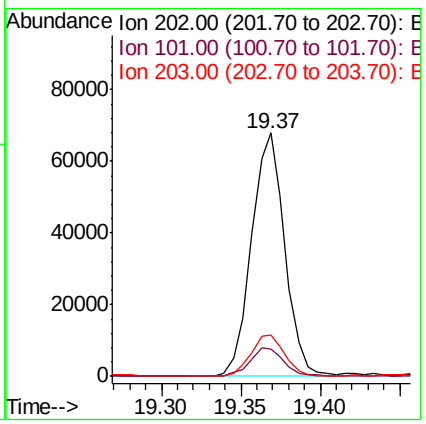


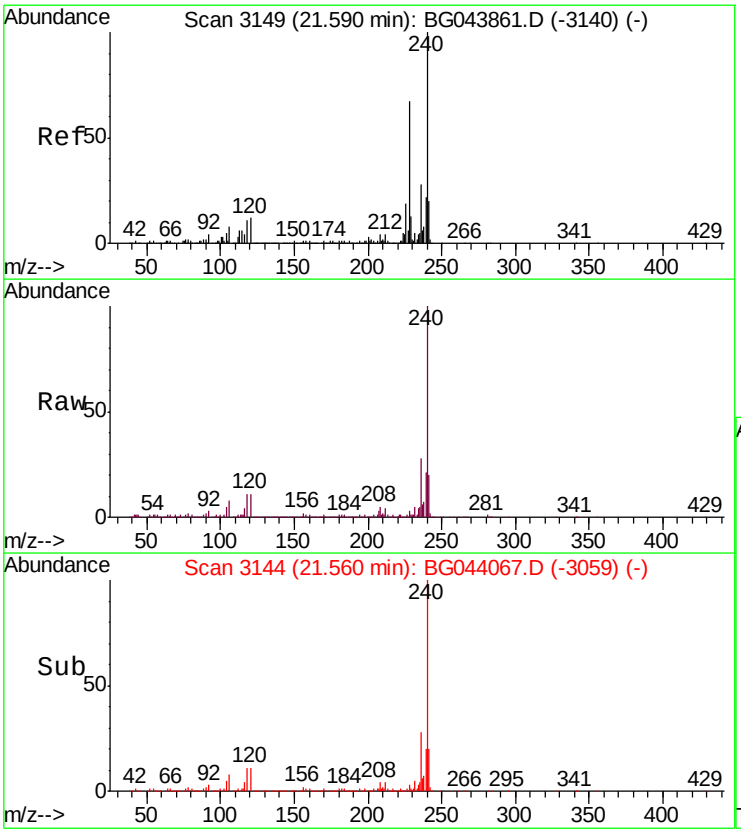
#75
Fluoranthene
Concen: 3.401 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:202 Resp: 98922

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.3
203	16.8	1.6	41.6

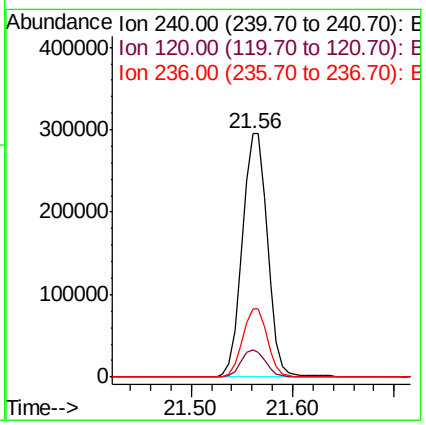


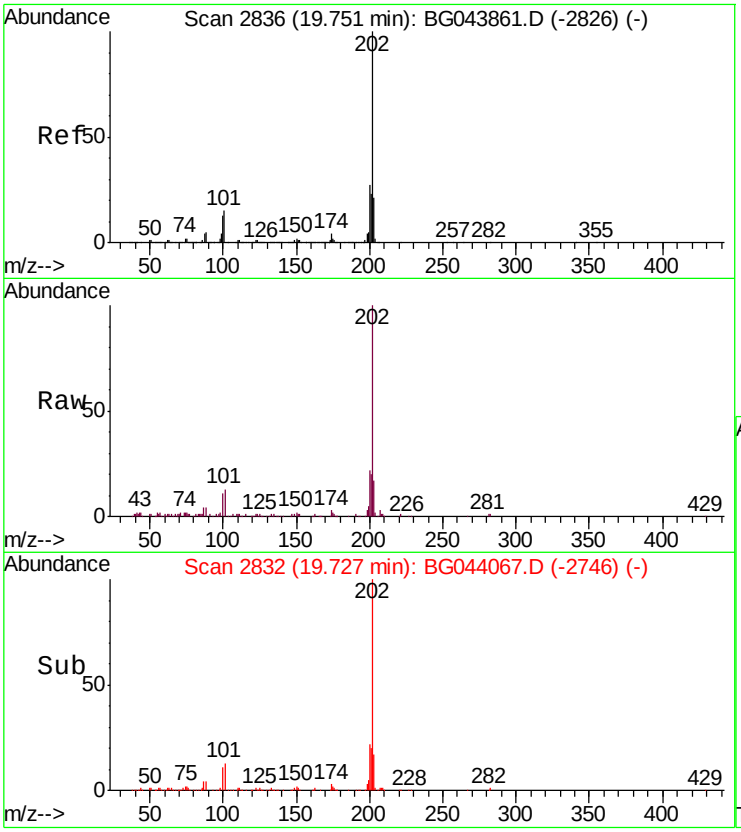


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:240 Resp: 508786

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	28.0	22.2	33.2



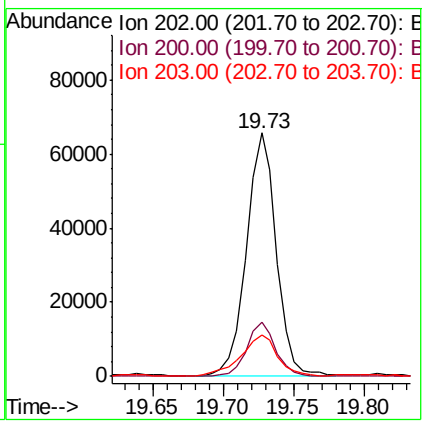


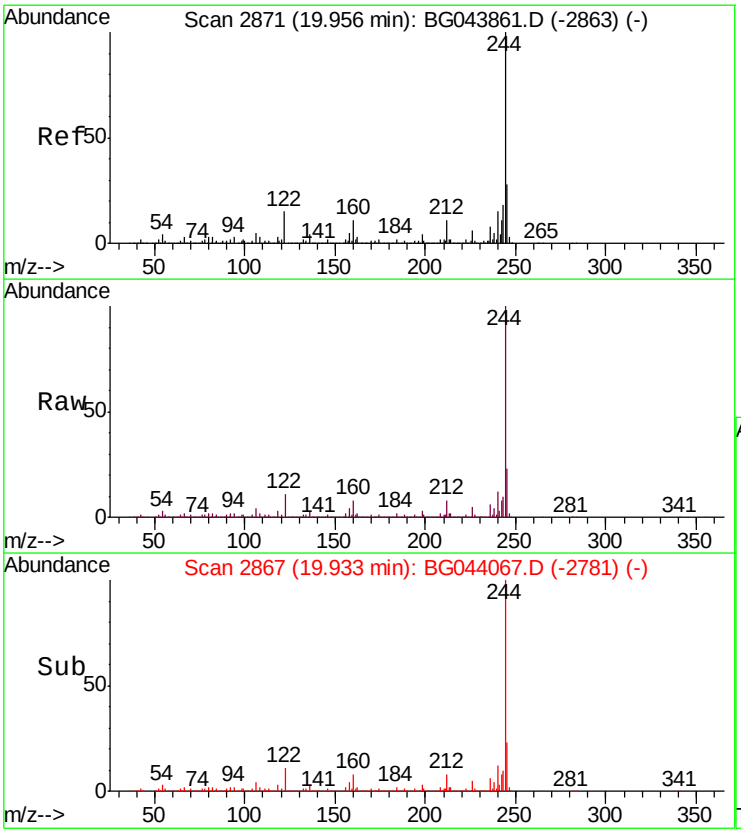
#78
Pyrene
Concen: 2.948 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:202 Resp: 97906

Ion	Ratio	Lower	Upper
202	100		
200	22.3	21.7	32.5
203	16.9	17.0	25.6#

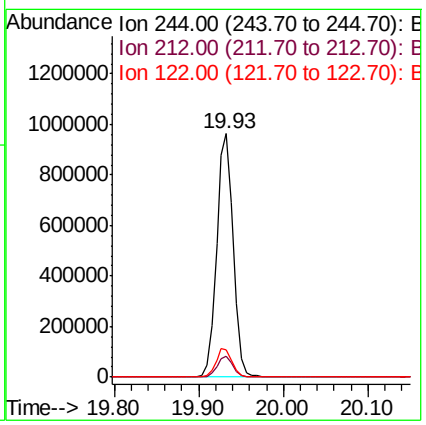


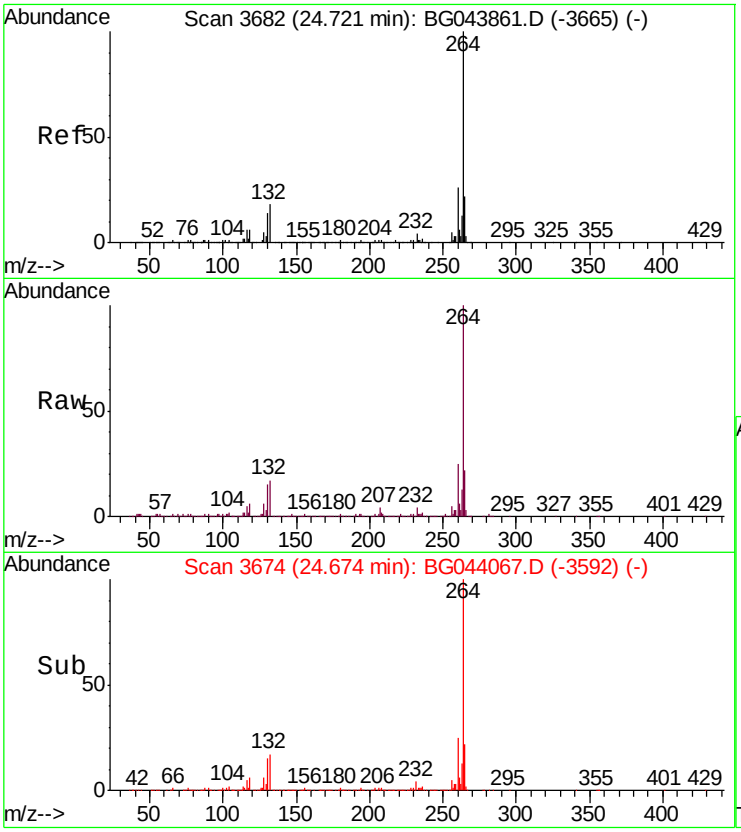


#79
Terphenyl-d14
Concen: 56.569 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:244 Resp: 1319327

Ion	Ratio	Lower	Upper
244	100		
212	8.4	8.6	13.0#
122	11.3	11.9	17.9#



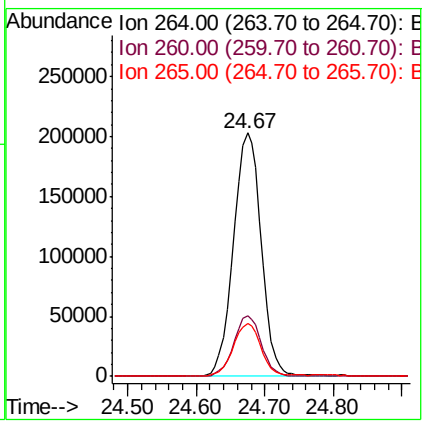


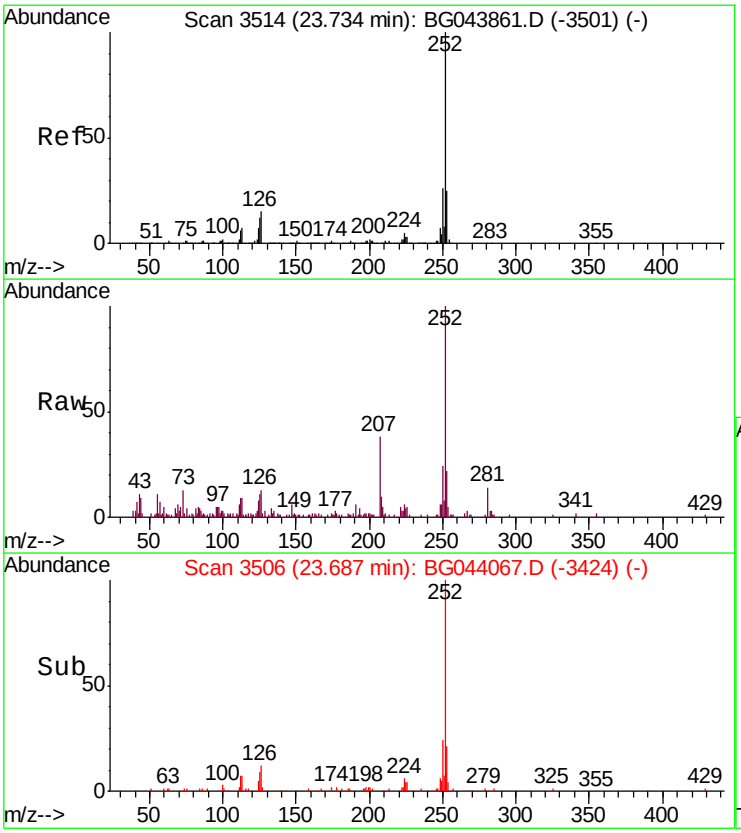
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:264 Resp: 571307

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.9	17.4	26.2

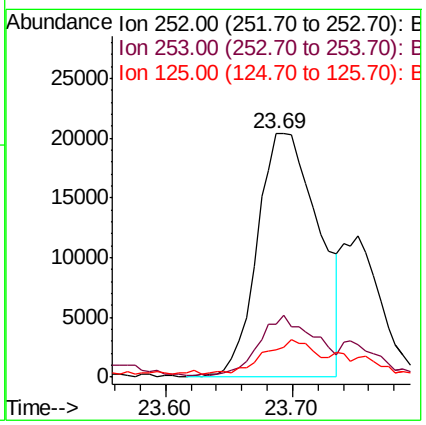


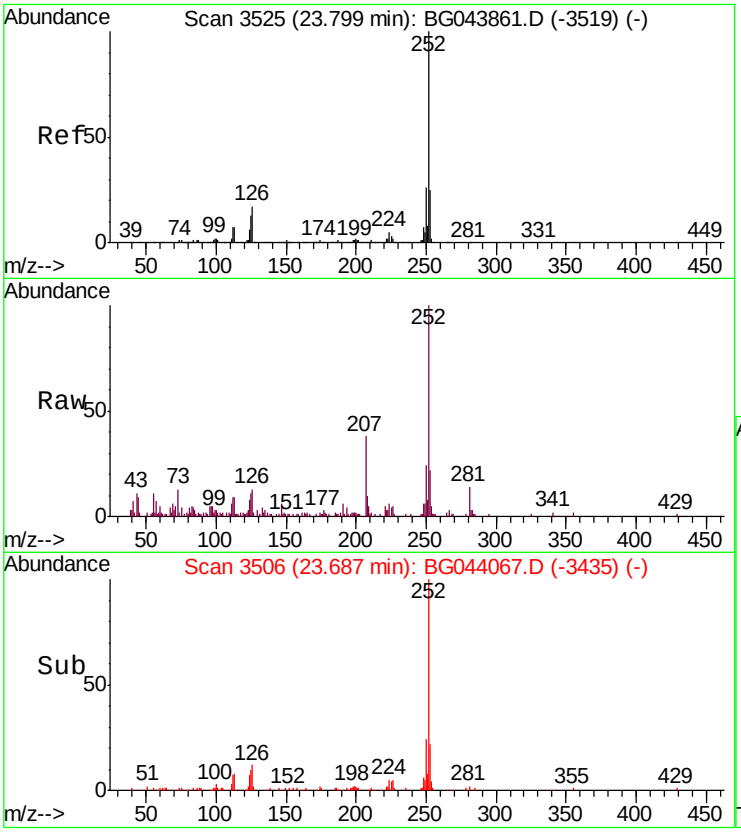


#88
Benzo(b)fluoranthene
Concen: 2.029 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:252 Resp: 68529

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.7	29.5
125	11.0	9.4	14.2





#89
Benzo(k)fluoranthene
Concen: 2.134 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.11 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:252 Resp: 68529

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.4	29.2
125	11.0	9.9	14.9