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

Quantitation Report (Not Reviewed)

Data File : BG044069.D
Acq On : 16 Jan 2020 15:22
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-33-(3.5-4)

Quant Time: Jan 17 06:39:55 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	107941	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	433861	20.00	ng		-0.02
39) Acenaphthene-d10	14.57	164	263601	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	577759	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	552215	20.00	ng		-0.03
87) Perylene-d12	24.67	264	625915	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	586407	99.75	ng		-0.02
7) Phenol-d6	7.11	99	801396	97.52	ng		-0.01
23) Nitrobenzene-d5	9.09	82	460549	56.79	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	288856	104.71	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1003135	68.95	ng		-0.02
79) Terphenyl-d14	19.93	244	1578430	64.27	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.14	94	18753	2.215	ng		83
19) n-Nitroso-di-n-propylamine	9.09	70	59464	9.717	ng	#	78
32) Benzoic acid	10.31	122	57	6.273	ng	#	1
50) Dimethylphthalate	14.03	163	72668	3.883	ng	#	94
51) 2,6-Dinitrotoluene	14.57	165	33825	7.996	ng	#	26
57) 2,4-Dinitrotoluene	14.57	165	33825	5.876	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.06	198	949	4.679	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	20289	3.122	ng	#	1

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

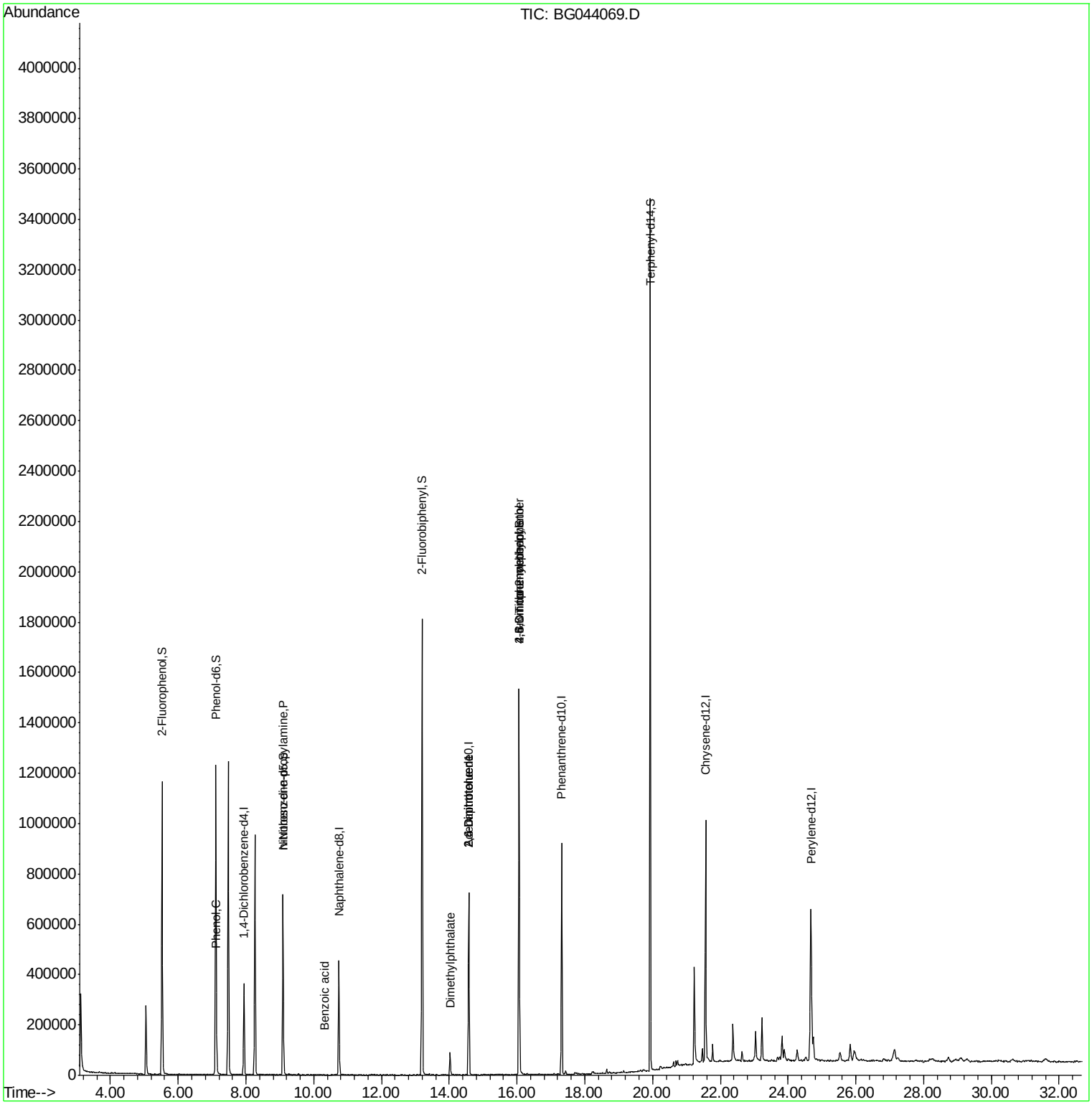
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011620\

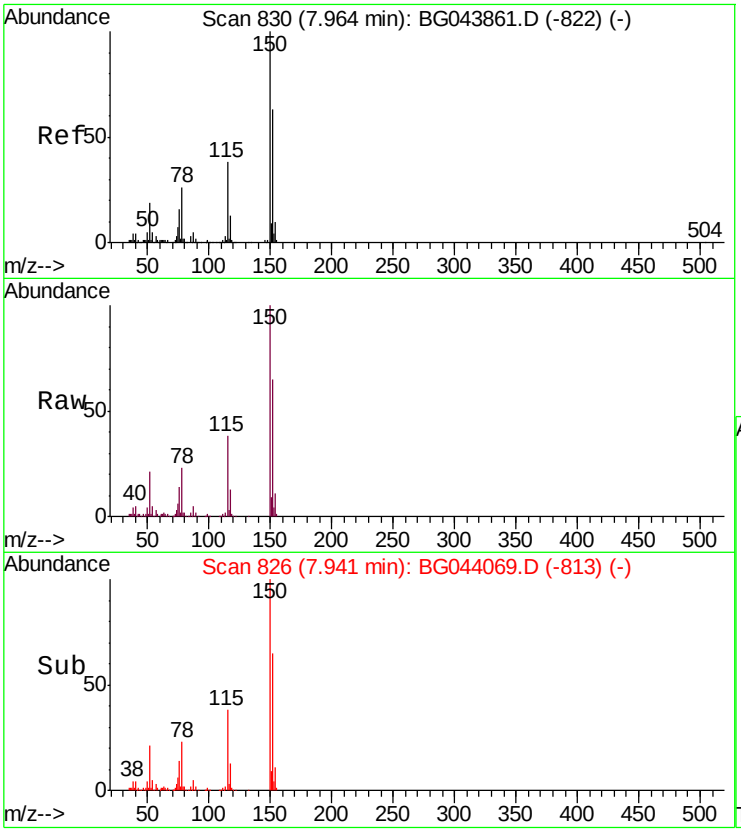
Quantitation Report (Not Reviewed)

Data File : BG044069.D
Acq On : 16 Jan 2020 15:22
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-33-(3.5-4)

Quant Time: Jan 17 06:39:55 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



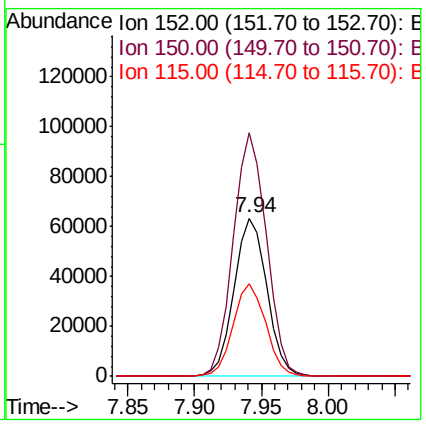


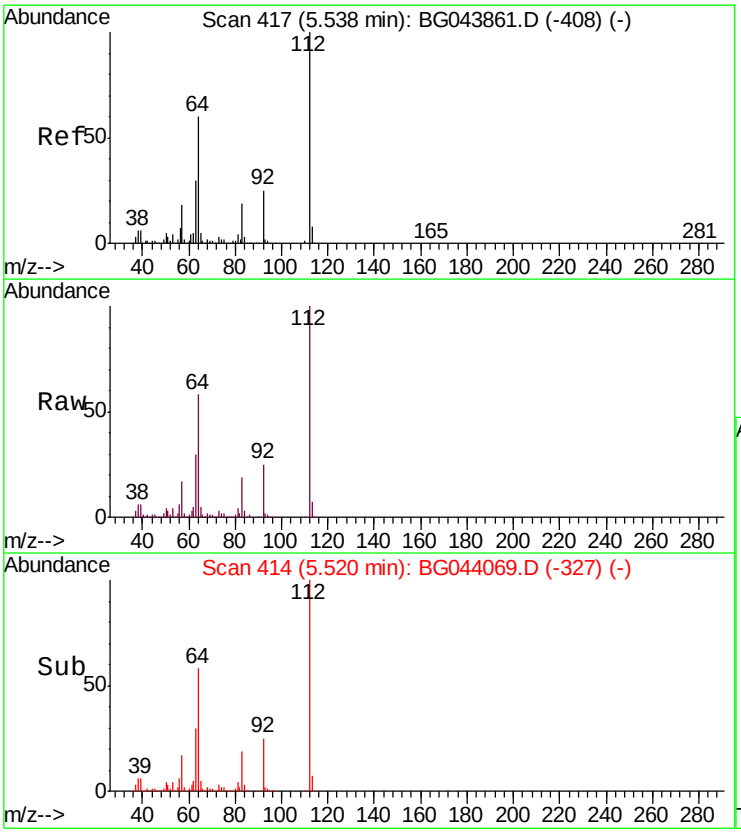
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:152 Resp: 107941

Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.0	190.4
115	58.6	47.8	71.8

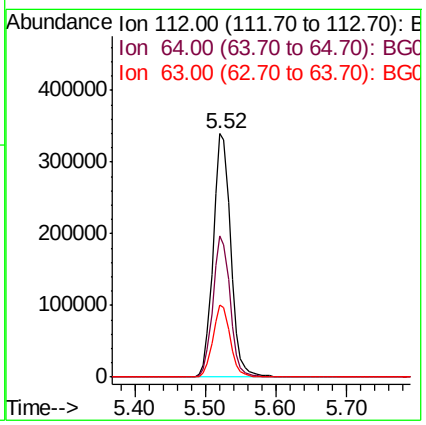


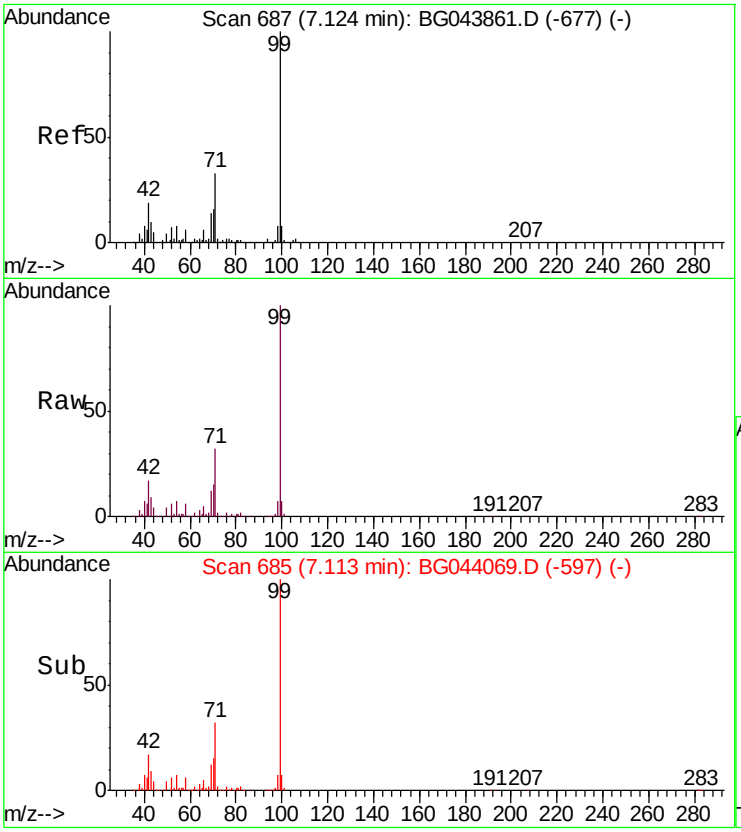


#5
2-Fluorophenol
Concen: 99.750 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:112 Resp: 586407

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.8	71.6
63	29.8	24.3	36.5



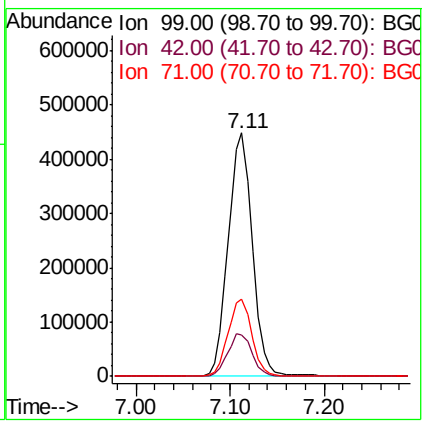


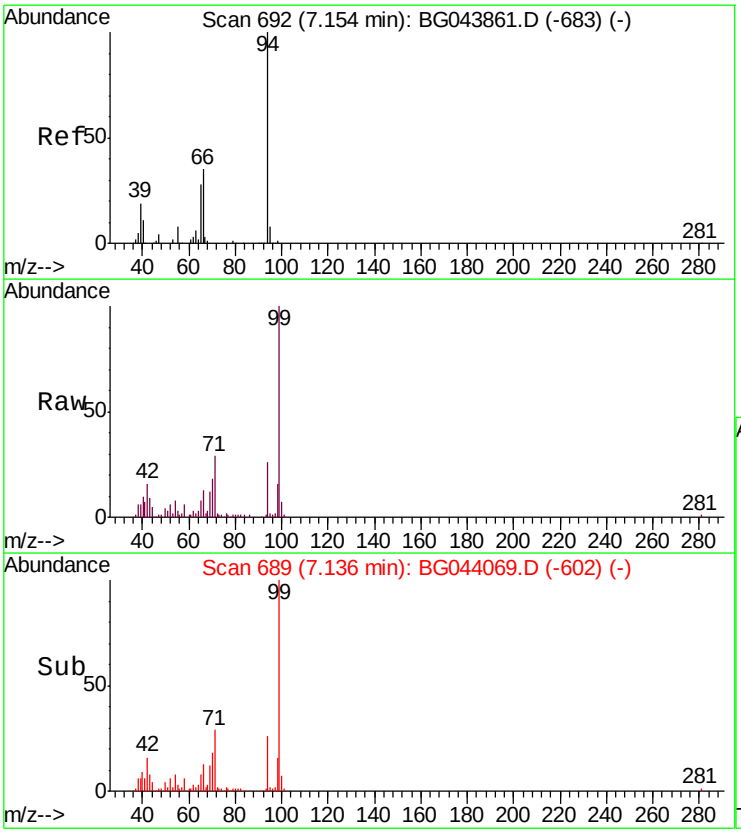
#7
Phenol-d6
Concen: 97.524 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion: 99 Resp: 801396

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.9	22.3
71	31.6	26.4	39.6

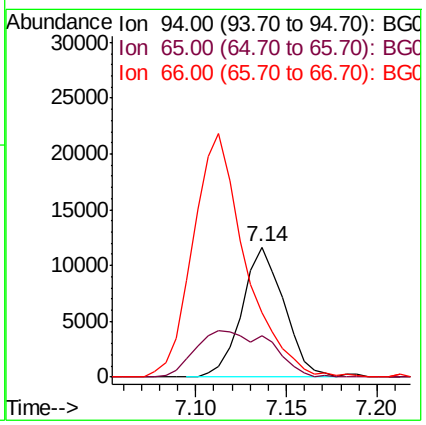


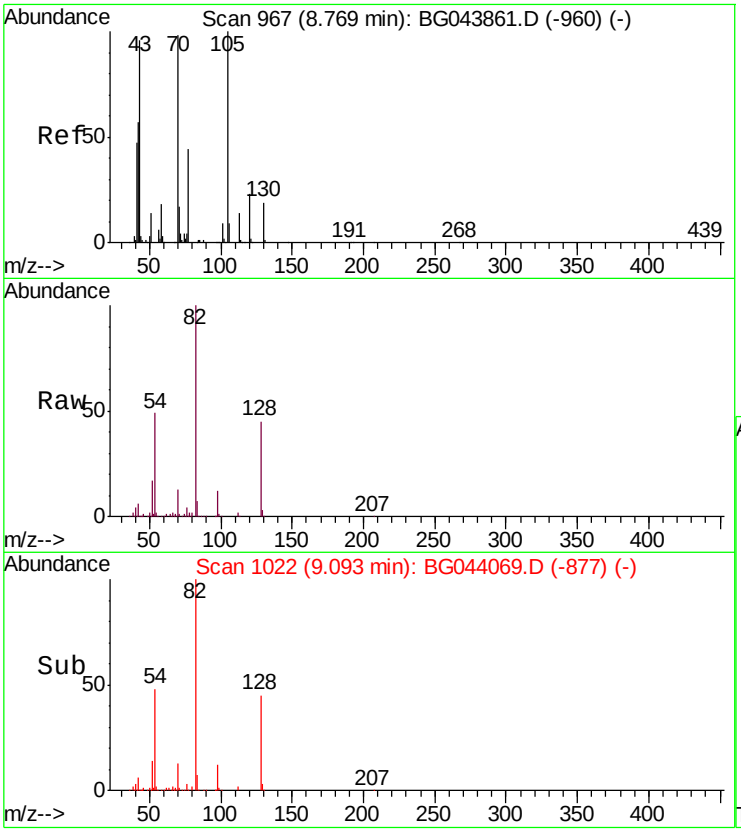


#10
Phenol
Concen: 2.215 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion: 94 Resp: 18753

Ion	Ratio	Lower	Upper
94	100		
65	32.2	8.1	48.1
66	49.4	15.6	55.6



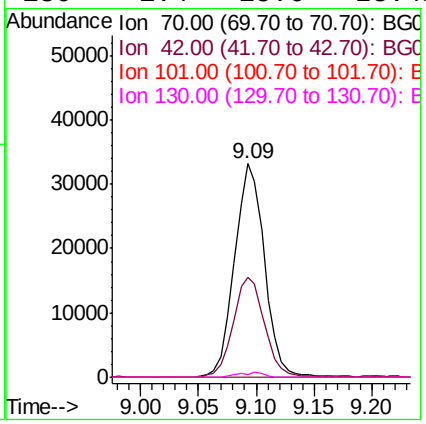


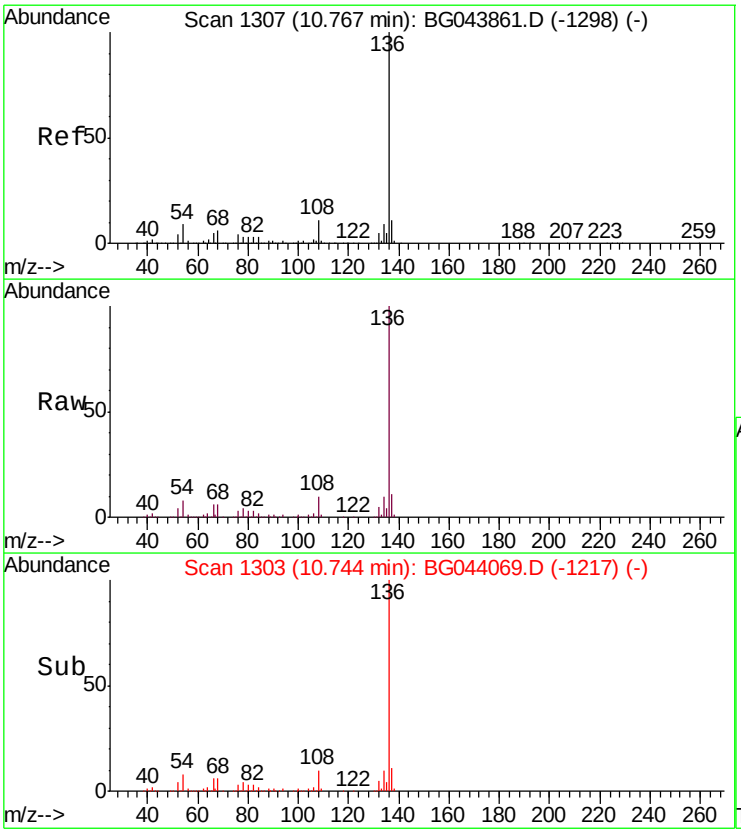
#19
n-Nitroso-di-n-propylamine
Concen: 9.717 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.32 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion: 70 Resp: 59464

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.0	70.4#
101	0.0	7.2	10.8#
130	1.4	15.6	23.4#

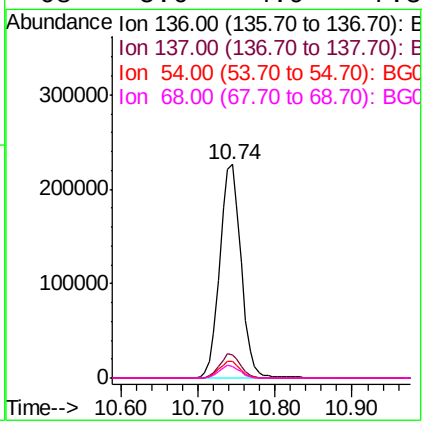


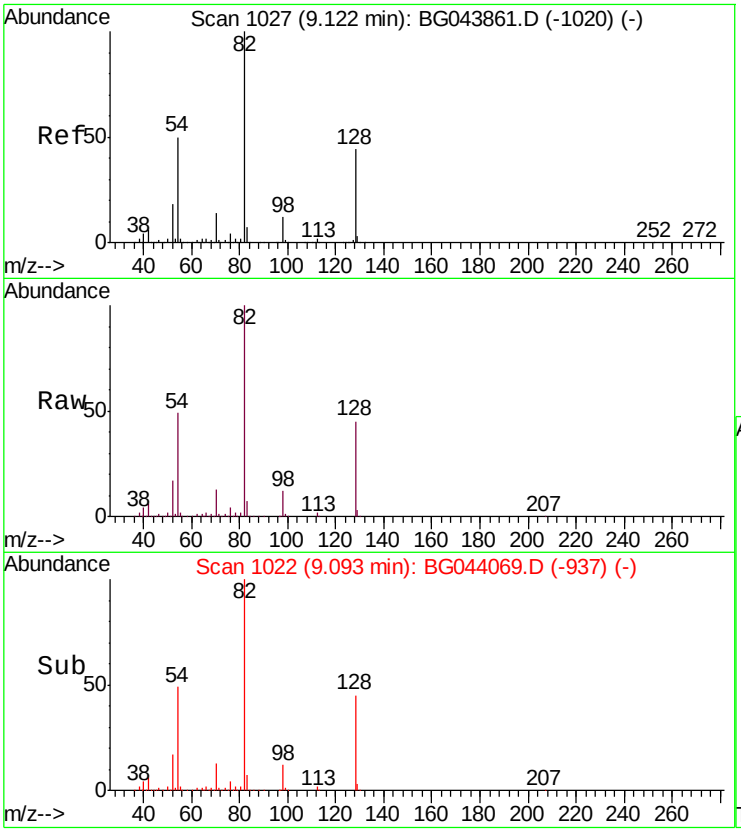


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:136 Resp: 433861

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	7.0	10.4
68	5.6	4.9	7.3



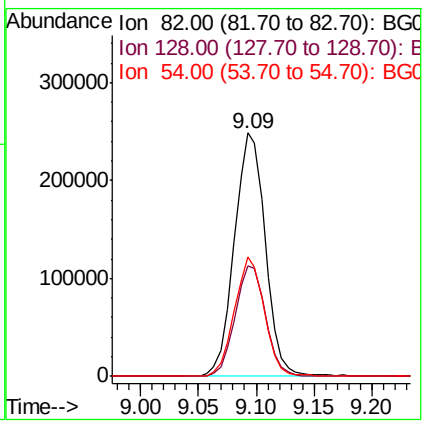


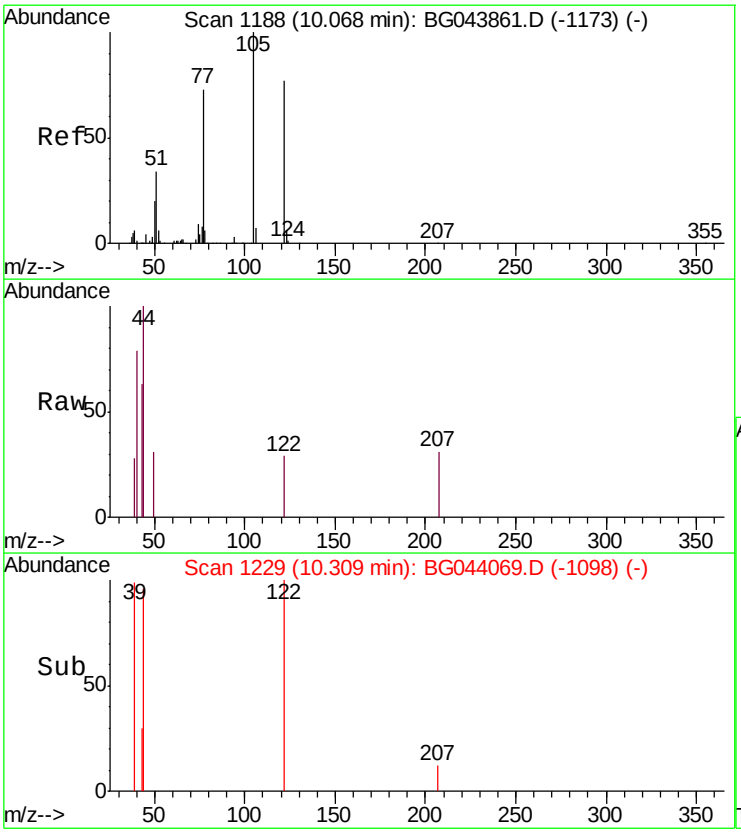
#23
Nitrobenzene-d5
Concen: 56.787 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion: 82 Resp: 460549

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	48.8	40.1	60.1

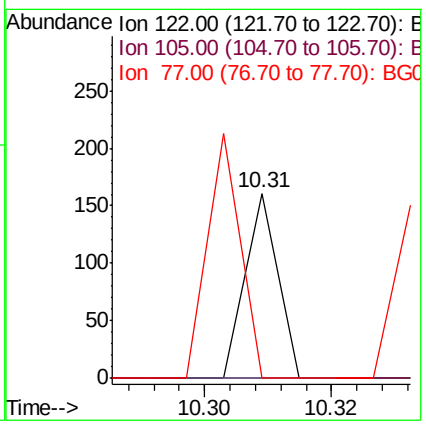


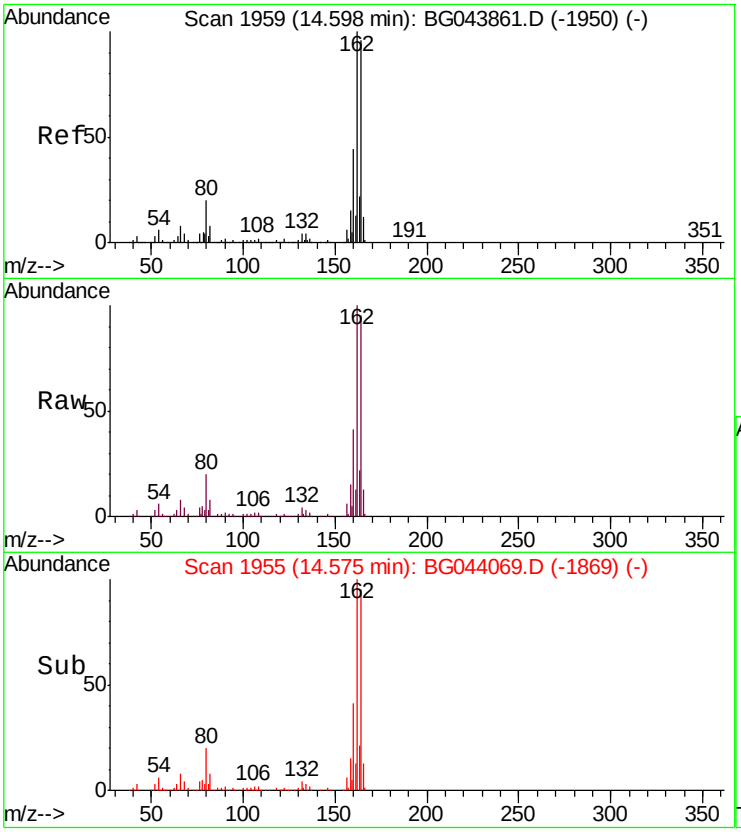


#32
Benzoic acid
Concen: 6.273 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.24 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



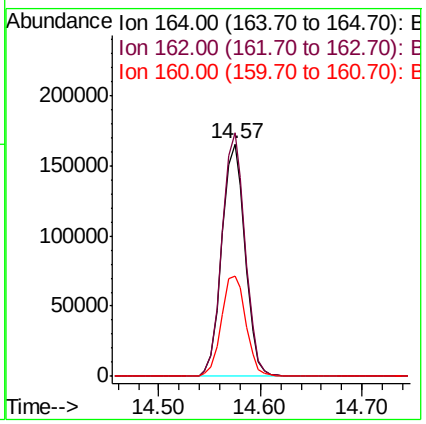


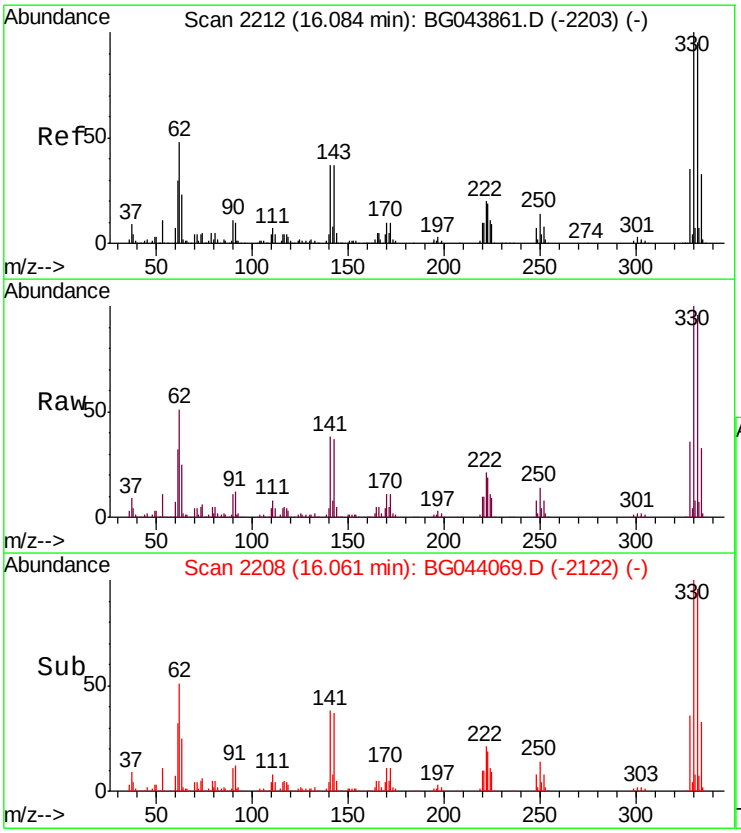
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:164 Resp: 263601

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	43.1	36.1	54.1

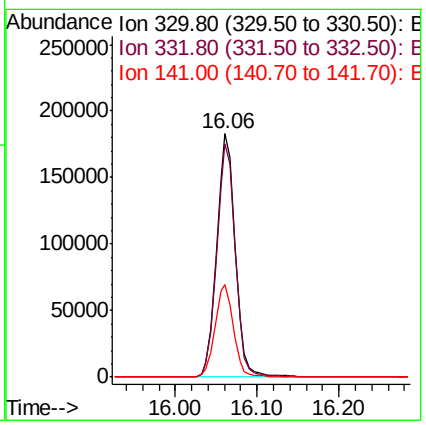


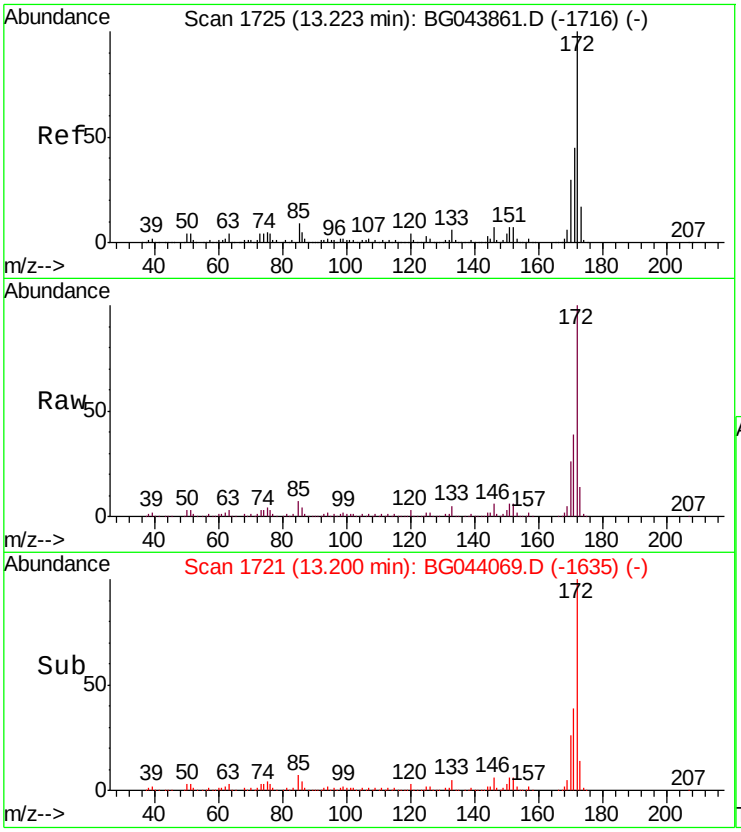


#42
2,4,6-Tribromophenol
Concen: 104.714 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:330 Resp: 288856

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	37.9	33.1	49.7



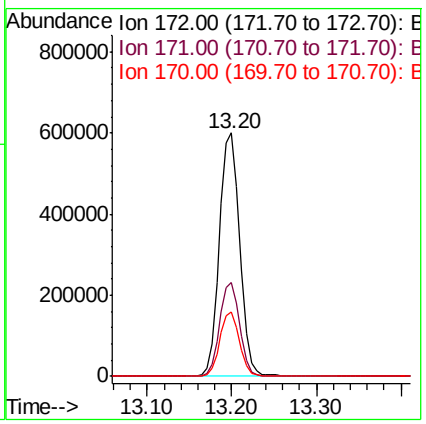


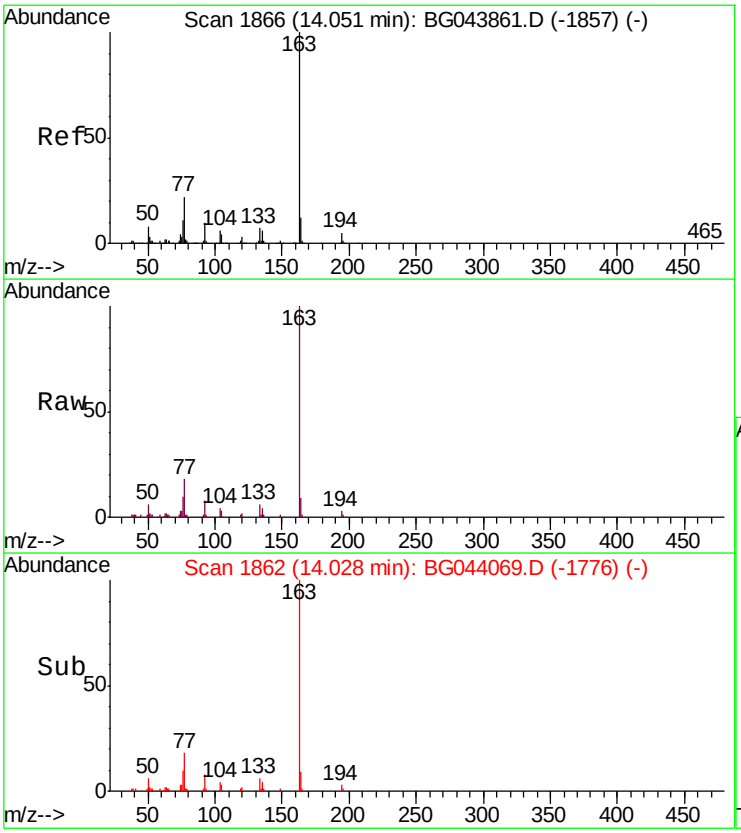
#45
2-Fluorobiphenyl
Concen: 68.947 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:172 Resp: 1003135

Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.8	53.8
170	26.3	24.2	36.4

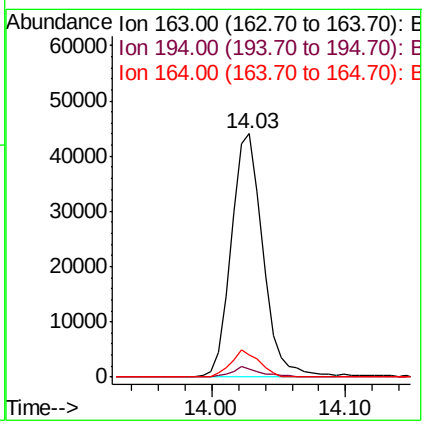


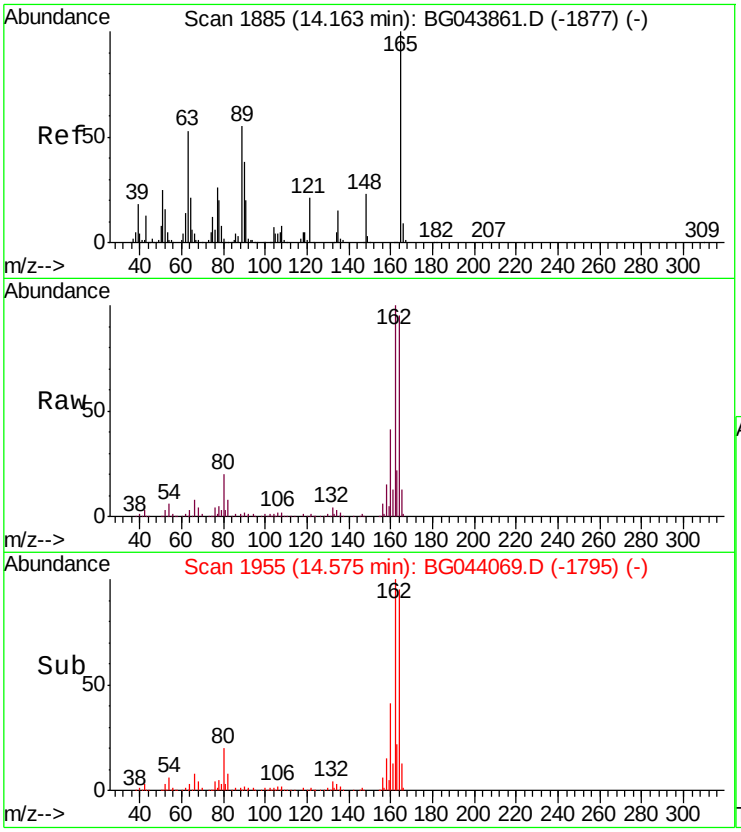


#50
Dimethylphthalate
Concen: 3.883 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:163 Resp: 72668

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.7	5.5#
164	9.1	9.3	13.9#



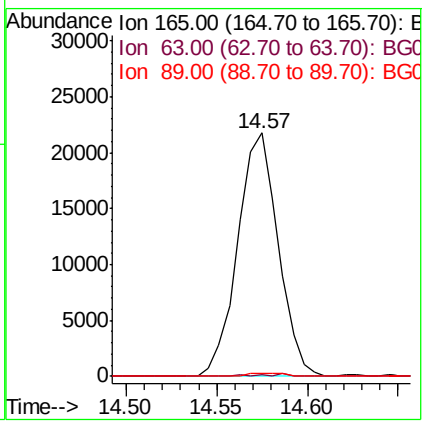


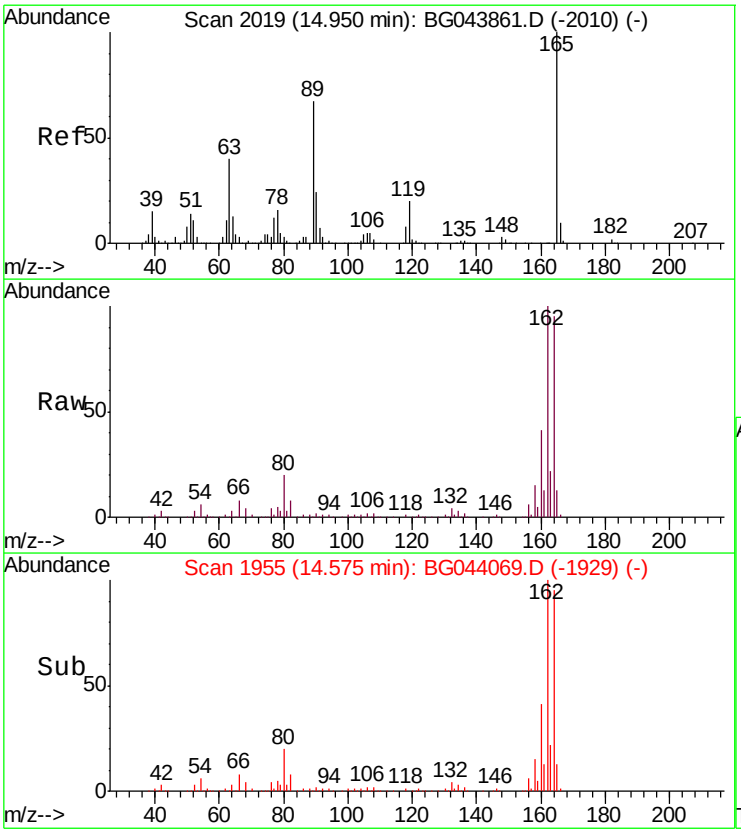
#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:165 Resp: 33825

Ion	Ratio	Lower	Upper
165	100		
63	0.8	43.1	64.7#
89	1.2	43.8	65.6#

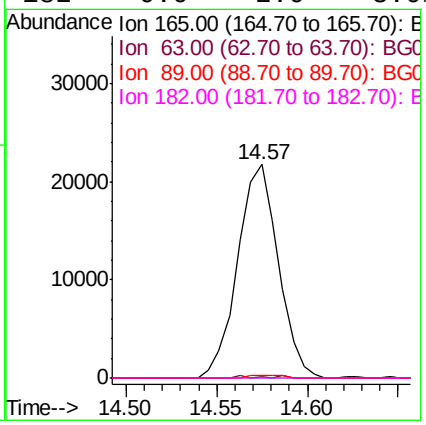


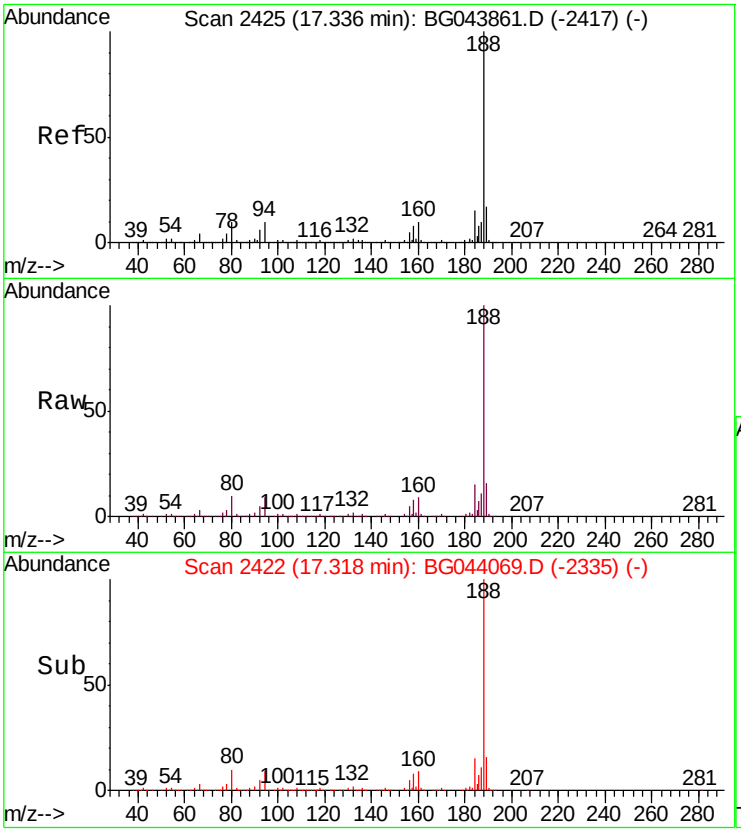


#57
2,4-Dinitrotoluene
Concen: 5.876 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:165 Resp: 33825

Ion	Ratio	Lower	Upper
165	100		
63	0.8	31.9	47.9#
89	1.2	53.8	80.6#
182	0.0	2.0	3.0#



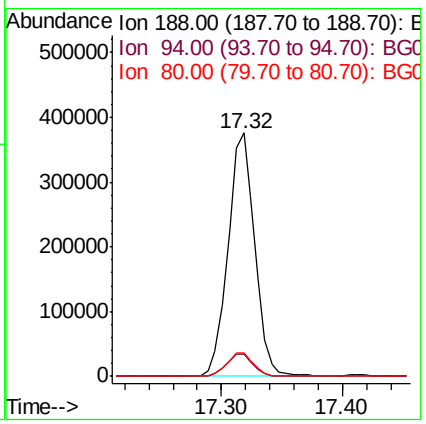


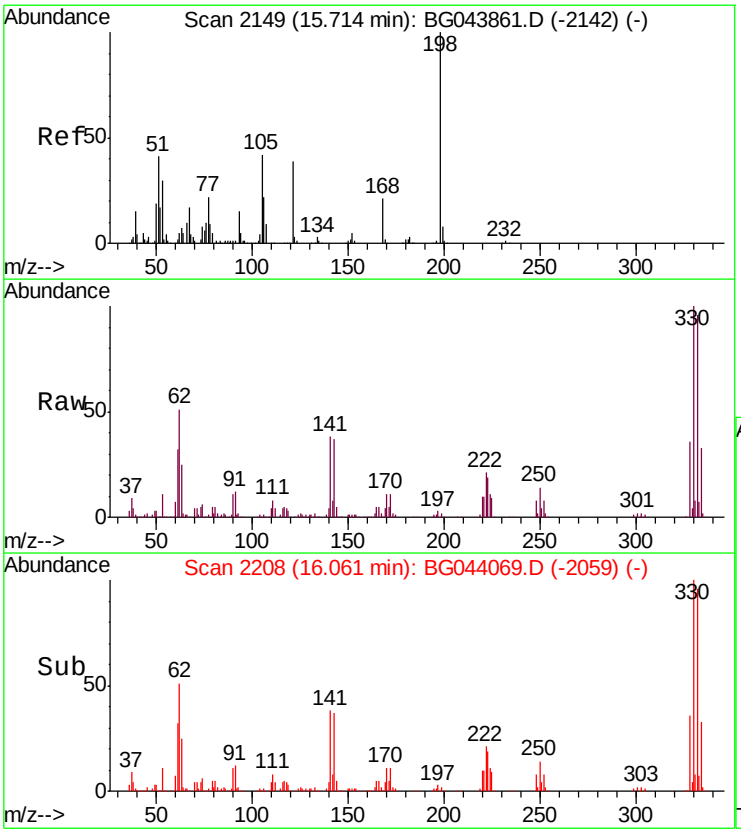
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:188 Resp: 577759

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.9	8.2	12.4

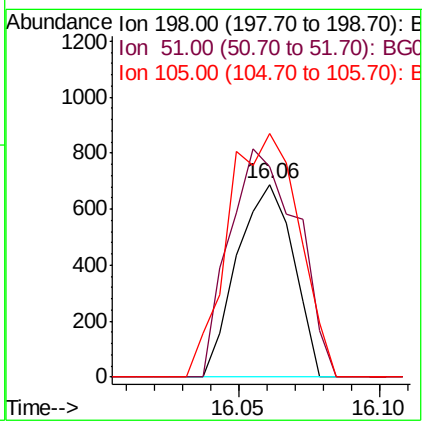


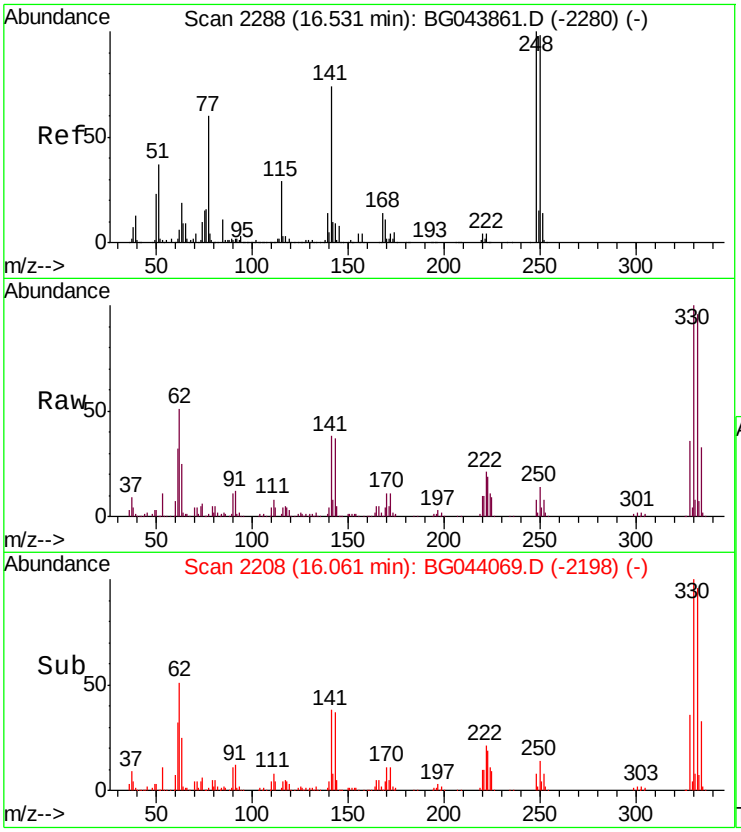


#65
4,6-Dinitro-2-methylphenol
Concen: 4.679 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:198 Resp: 949

Ion	Ratio	Lower	Upper
198	100		
51	109.0	22.5	62.5#
105	126.3	22.3	62.3#



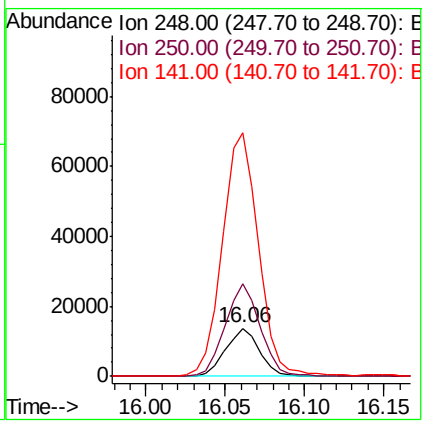


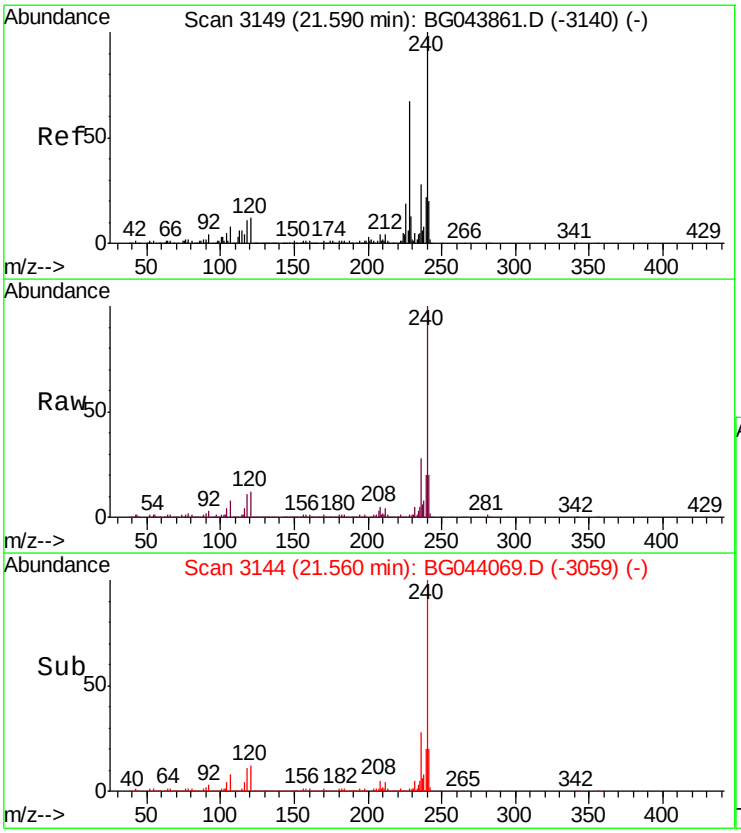
#67
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.47 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:248 Resp: 20289

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.2	117.2#
141	505.1	59.3	88.9#

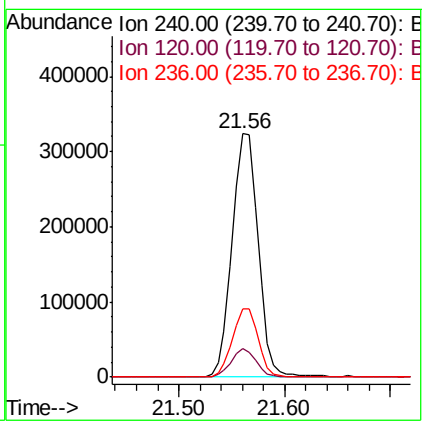


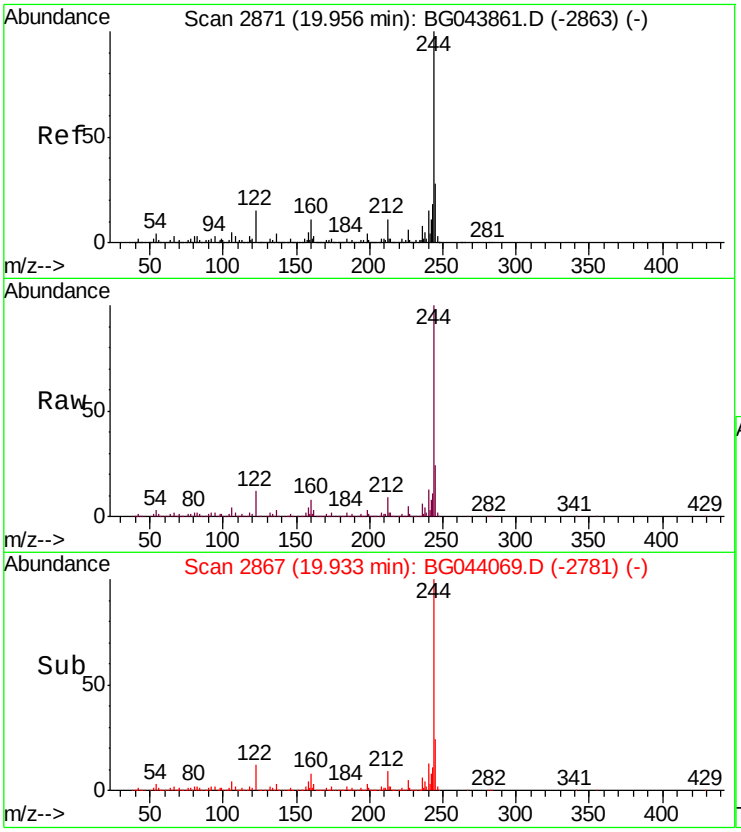


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:240 Resp: 552215

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	27.8	22.2	33.2



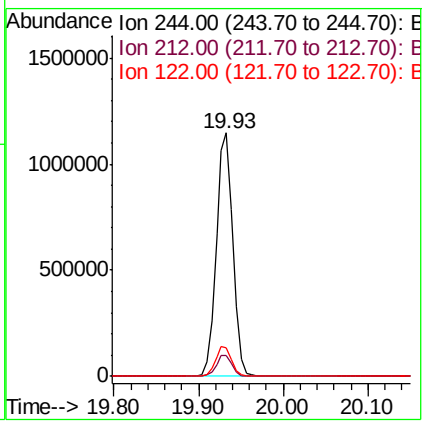


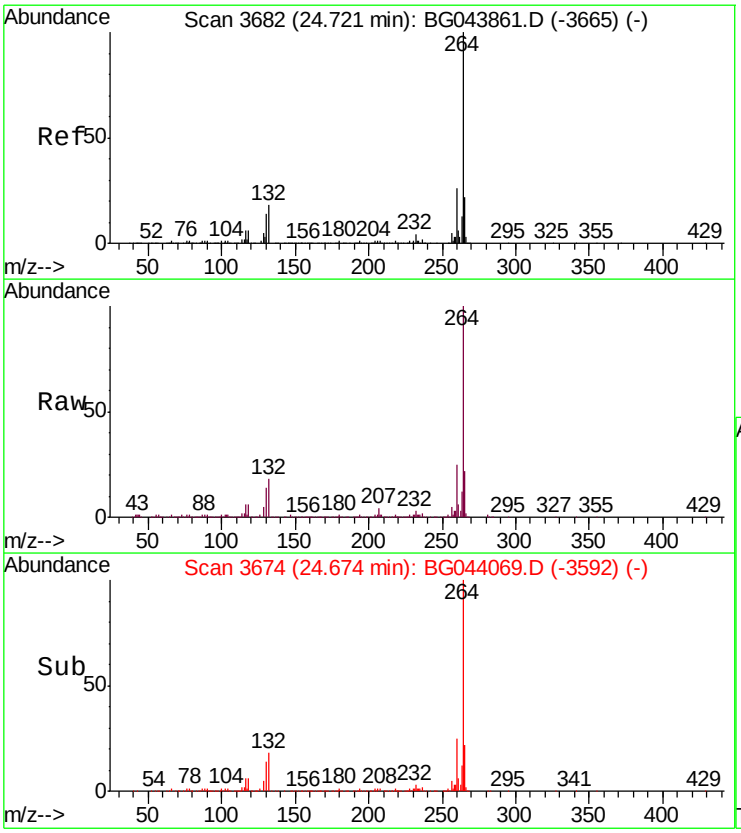
#79
Terphenyl-d14
Concen: 64.266 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:244 Resp: 1578430

Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	11.8	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: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:264 Resp: 625915

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.1	17.4	26.2