Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044066.D
Acq On : 16 Jan 2020 13:25
Operator : JU
Sample : L1125-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-28-(1.5-2)

Quant Time: Jan 17 07:13:22 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	93981	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	372929	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	229636	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	501566	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	503672	20.00	ng	-0.02
87) Perylene-d12	24.67	264	572342	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	562409	109.88	ng	-0.02
7) Phenol-d6	7.11	99	767785	107.31	ng	-0.01
23) Nitrobenzene-d5	9.09	82	442538	63.48	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	268632	111.79	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	915160	72.20	ng	-0.02
79) Terphenyl-d14	19.93	244	1434581	63.97	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.14	94	18847	2.557	ng	88
50) Dimethylphthalate	14.03	163	65579	4.022	ng	96

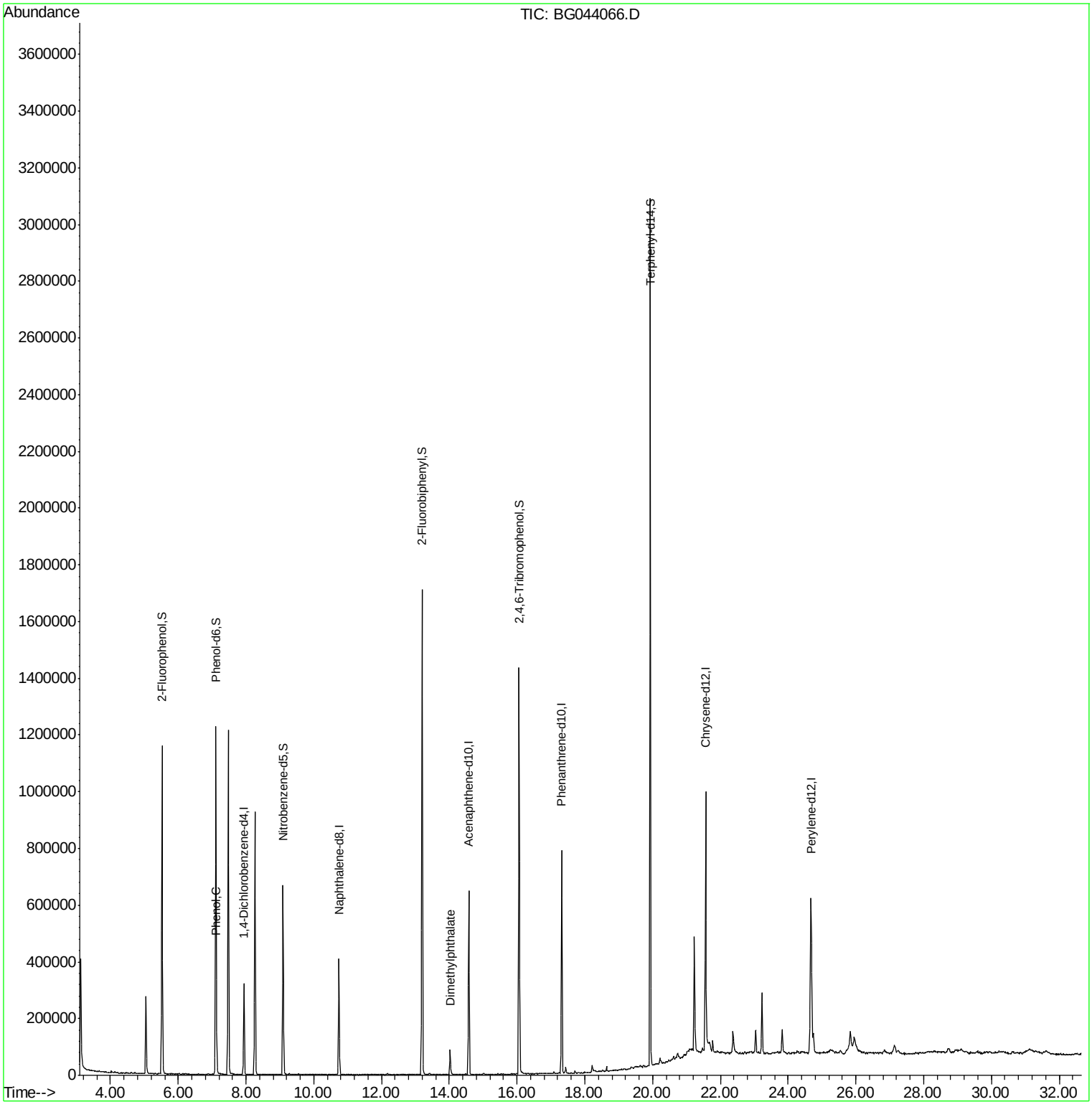
(#) = qualifier out of range (m) = manual integration (+) = signals summed

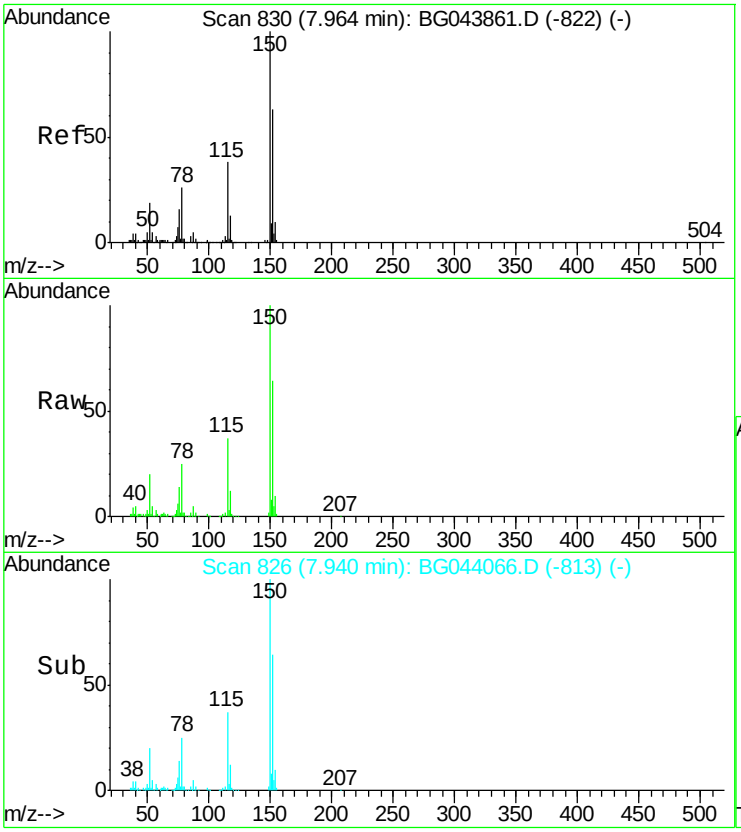
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044066.D
Acq On : 16 Jan 2020 13:25
Operator : JU
Sample : L1125-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Quant Time: Jan 17 07:13:22 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



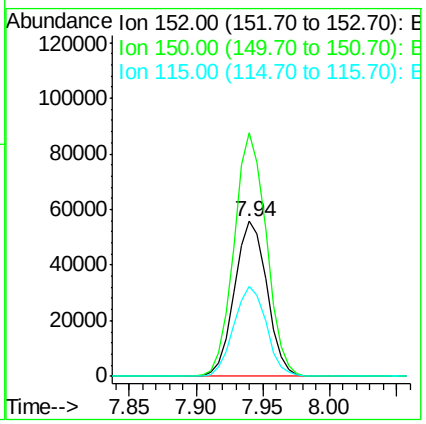


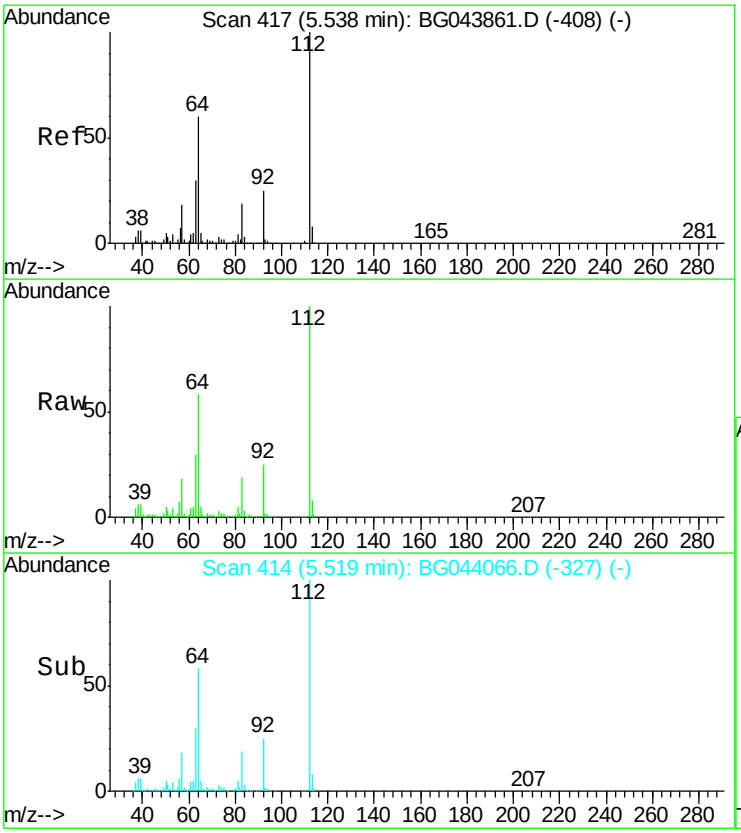
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:152 Resp: 93981

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.0	190.4
115	58.3	47.8	71.8

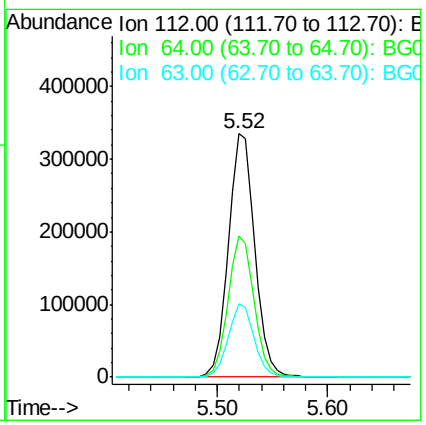


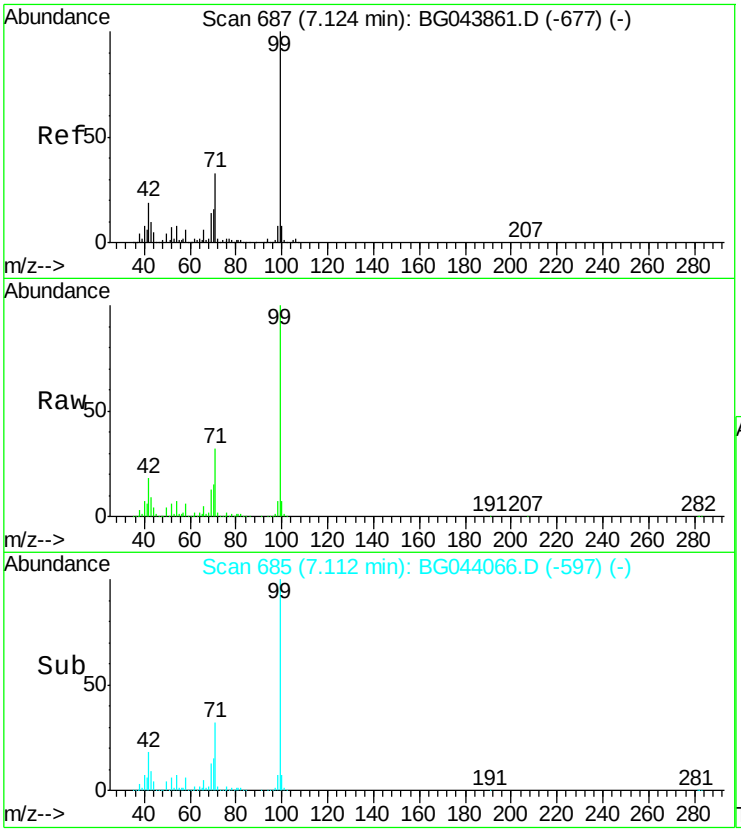


#5
2-Fluorophenol
Concen: 109.879 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:112 Resp: 562409

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.8	71.6
63	30.2	24.3	36.5



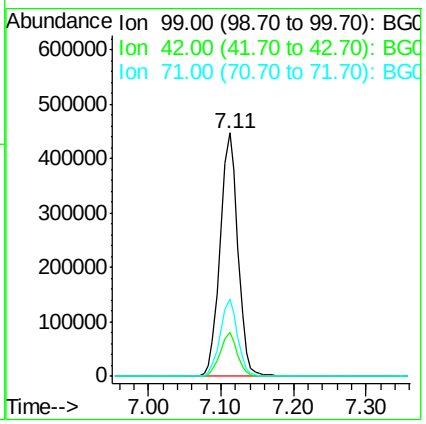


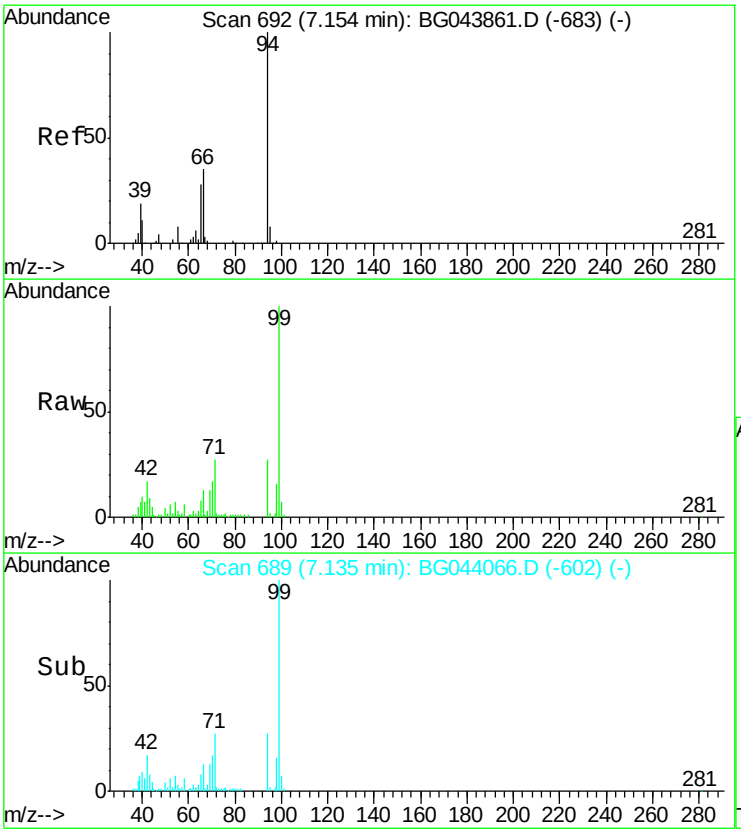
#7
Phenol-d6
Concen: 107.312 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion: 99 Resp: 767785

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	31.8	26.4	39.6

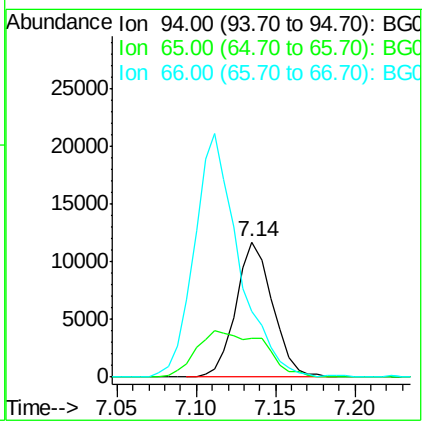


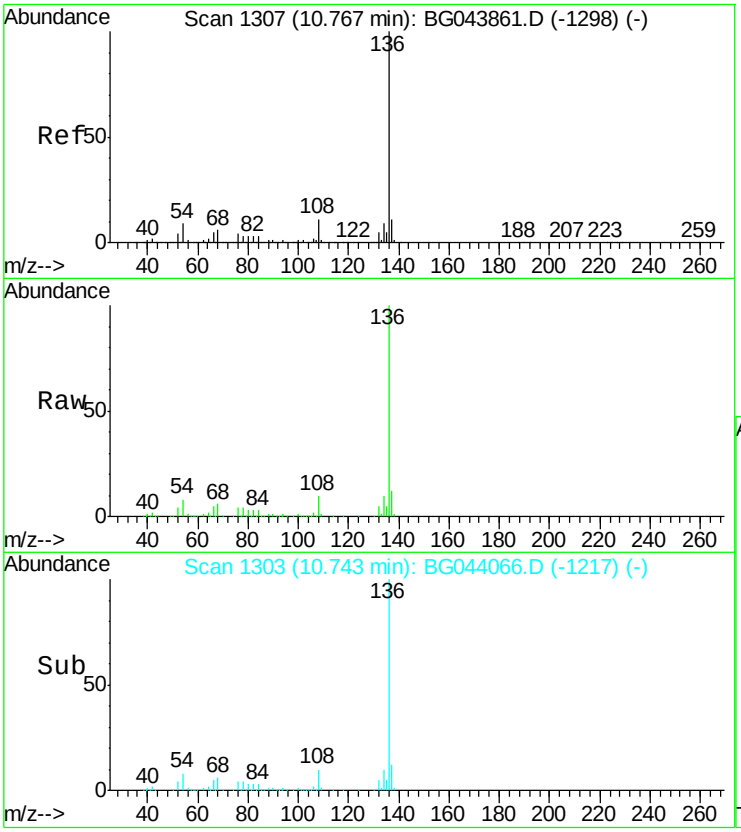


#10
Phenol
Concen: 2.557 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion: 94 Resp: 18847

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.1	48.1
66	48.2	15.6	55.6



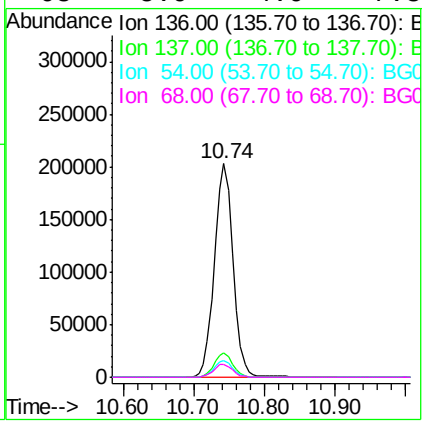


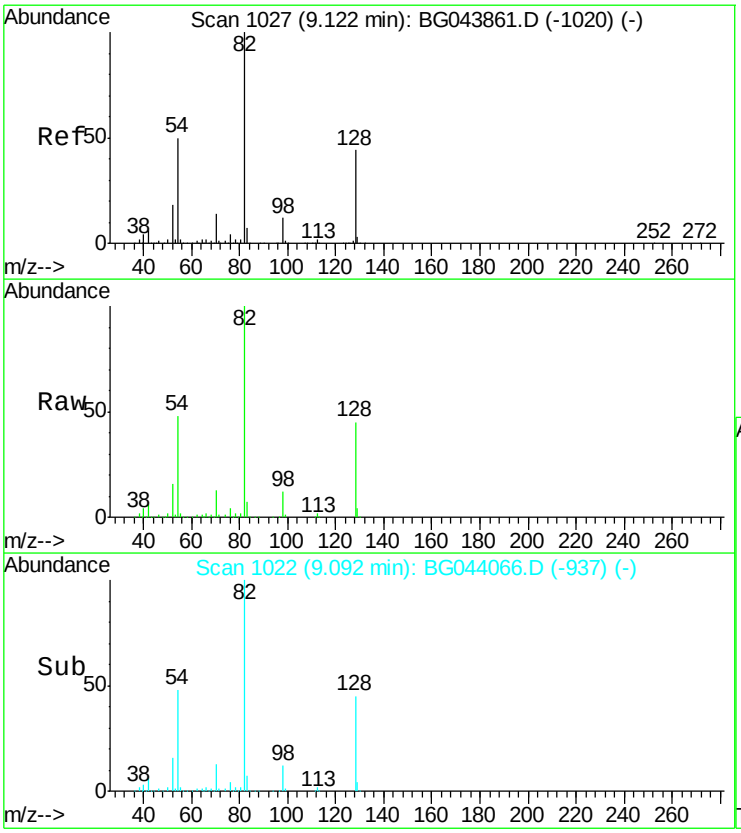
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:136 Resp: 372929

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.0	7.0	10.4
68	5.9	4.9	7.3

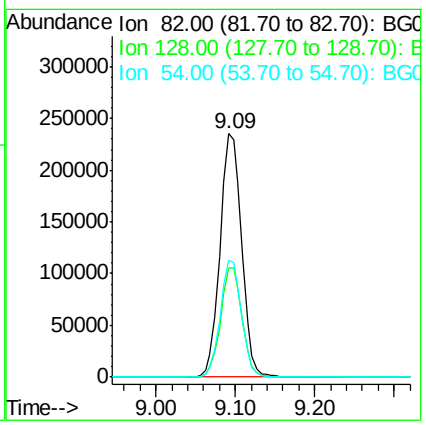


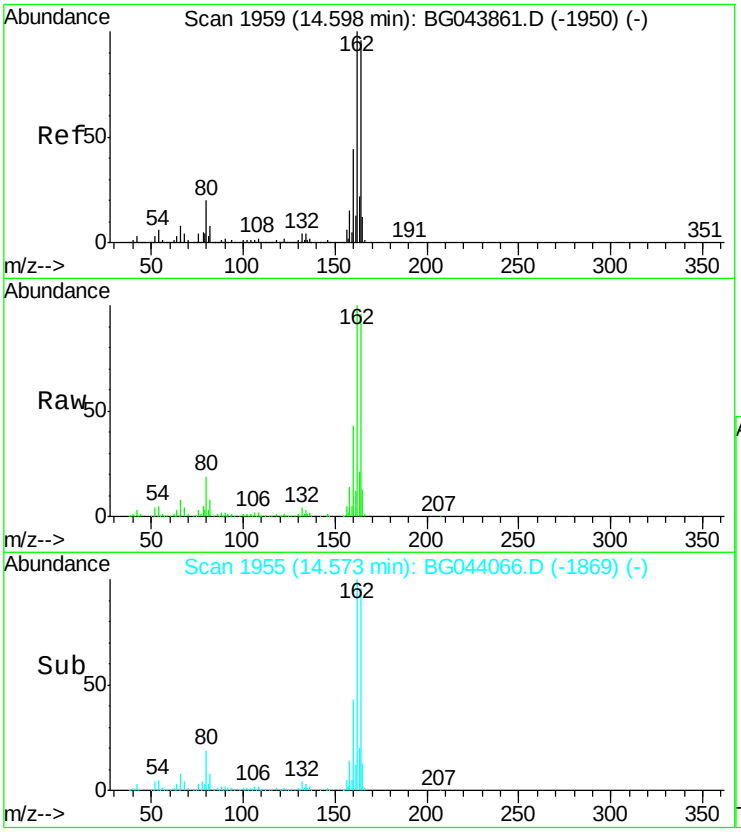


#23
Nitrobenzene-d5
Concen: 63.481 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion: 82 Resp: 442538

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	47.9	40.1	60.1



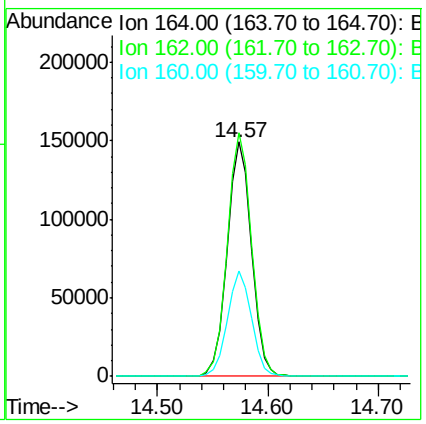


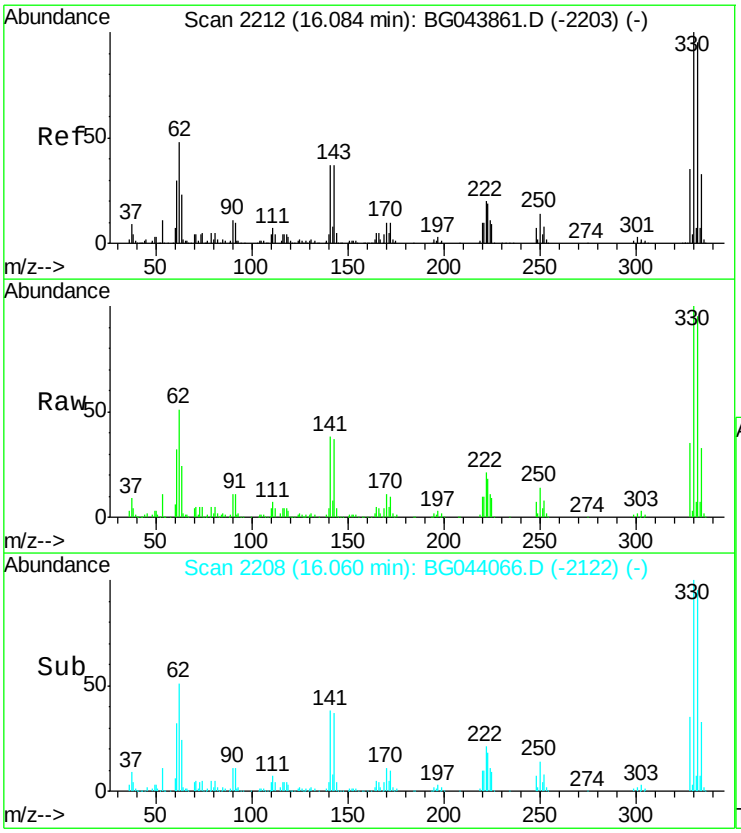
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:164 Resp: 229636

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.0	36.1	54.1

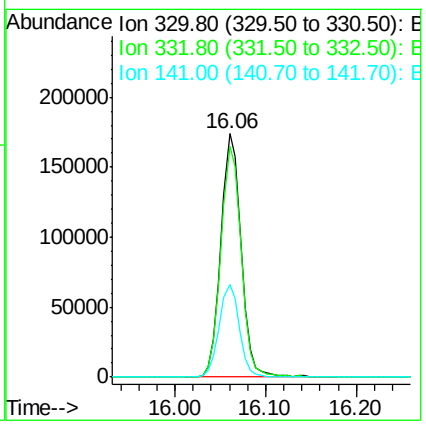


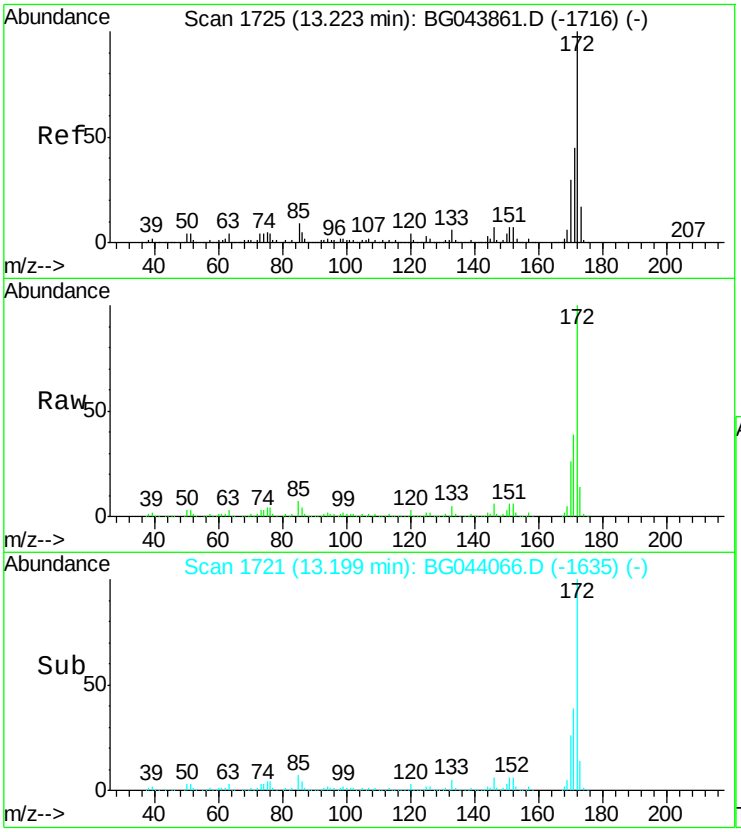


#42
2,4,6-Tribromophenol
Concen: 111.786 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:330 Resp: 268632

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	38.0	33.1	49.7



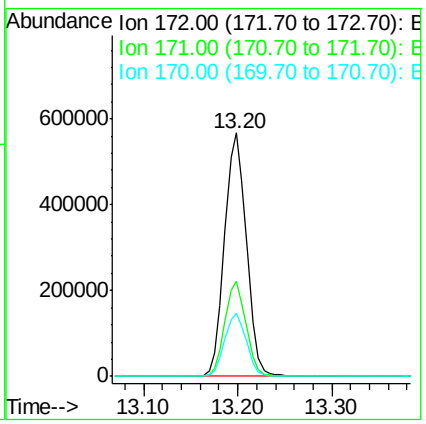


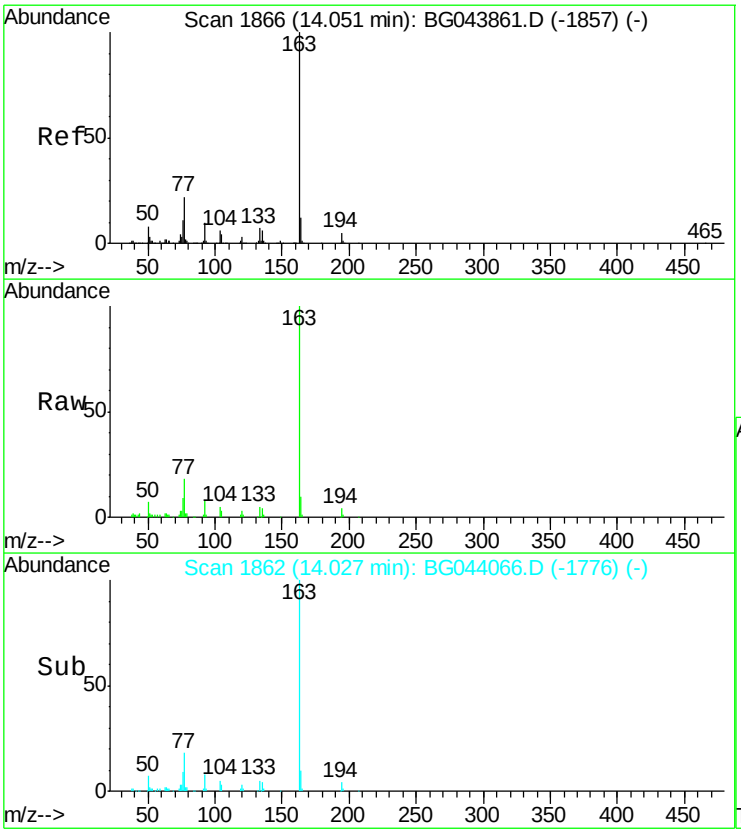
#45
2-Fluorobiphenyl
Concen: 72.204 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:172 Resp: 915160

Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.8	53.8
170	25.9	24.2	36.4

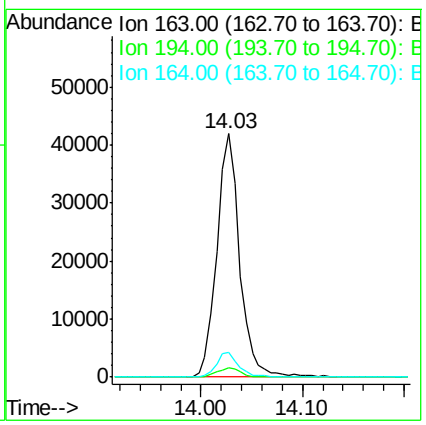


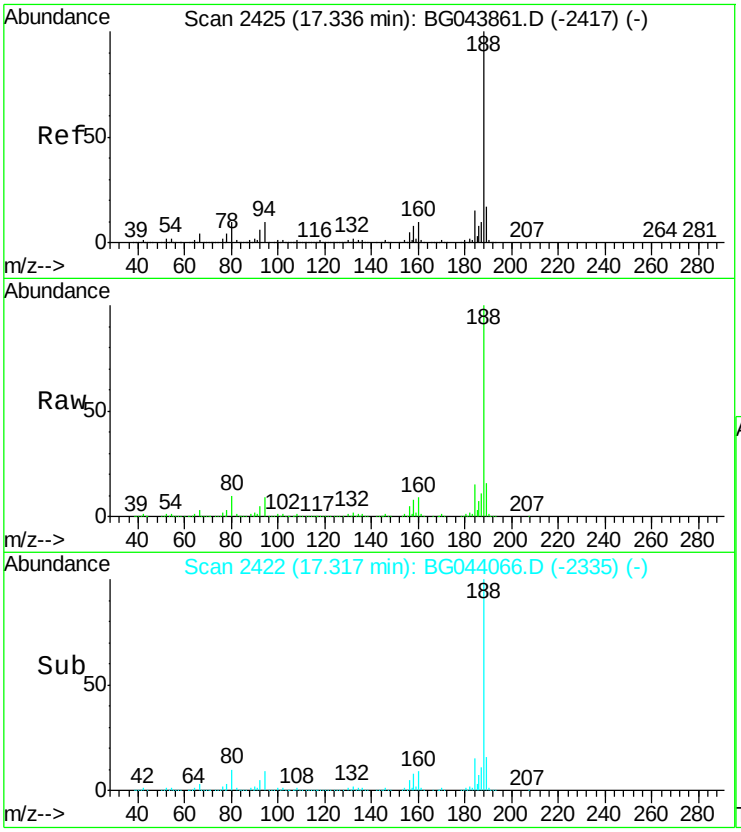


#50
Dimethylphthalate
Concen: 4.022 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:163 Resp: 65579

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.0	9.3	13.9



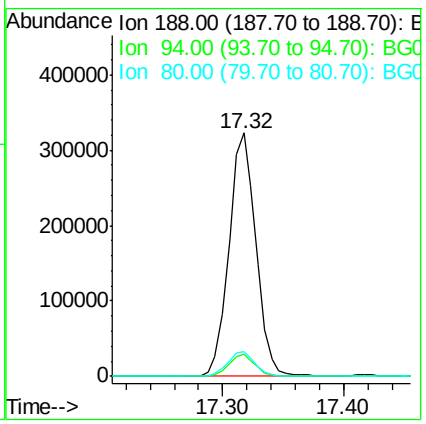


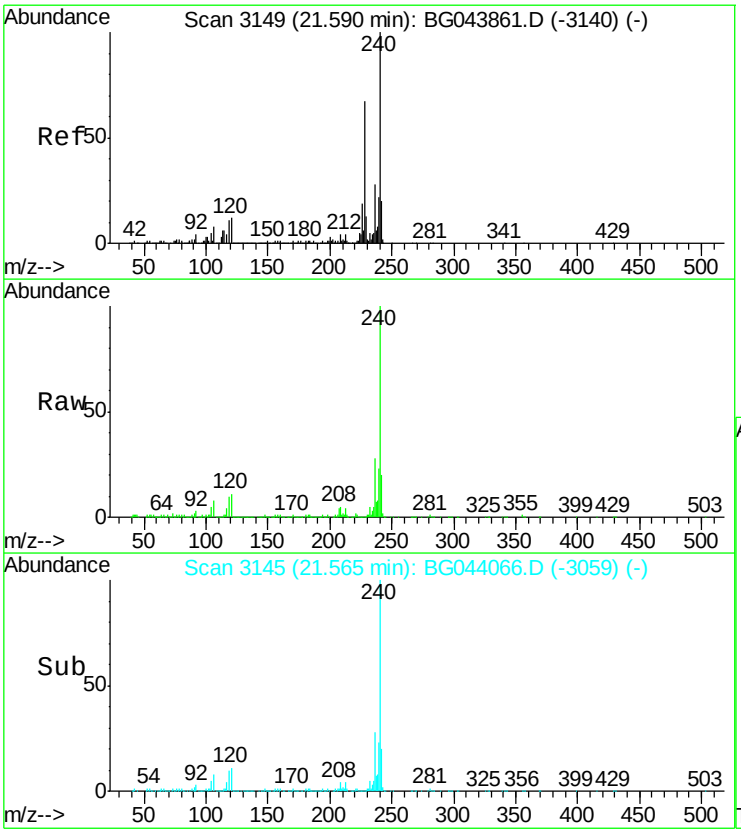
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:188 Resp: 501566

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.9	8.2	12.4

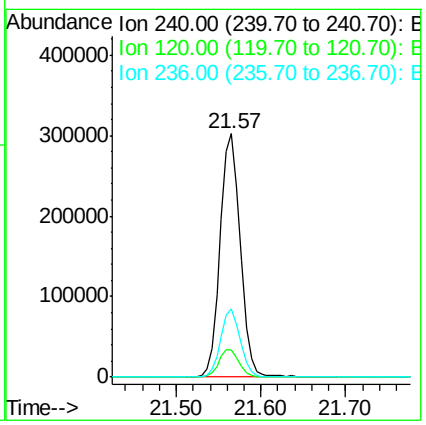


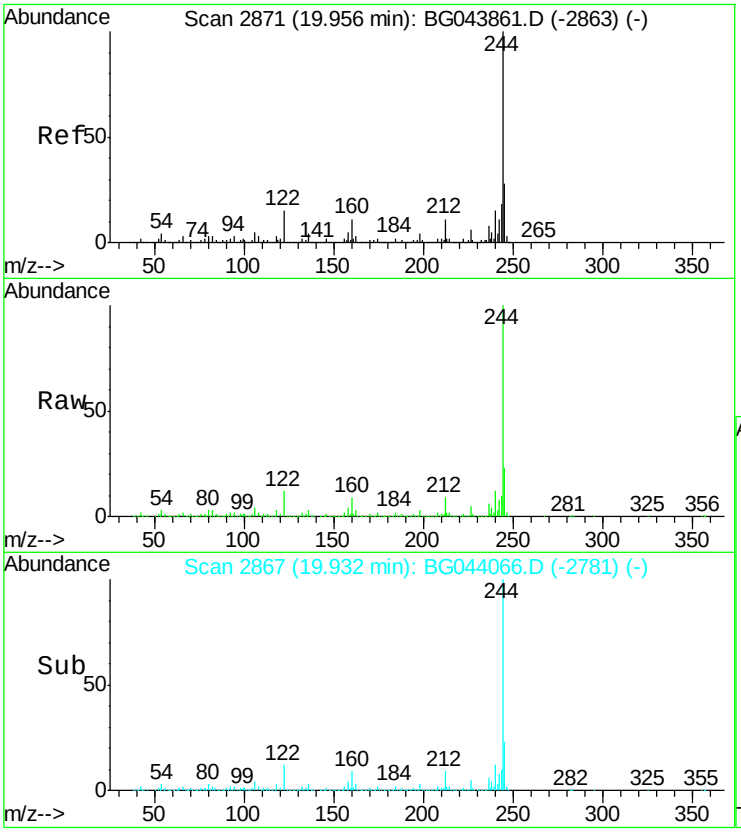


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:240 Resp: 503672

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.0	22.2	33.2



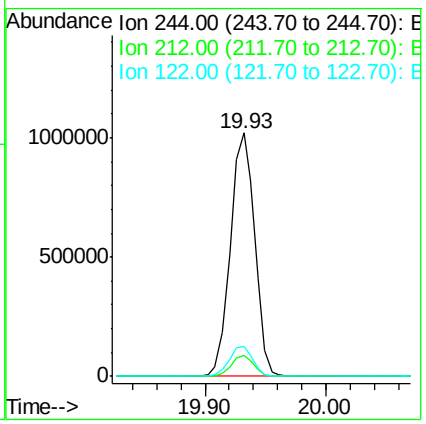


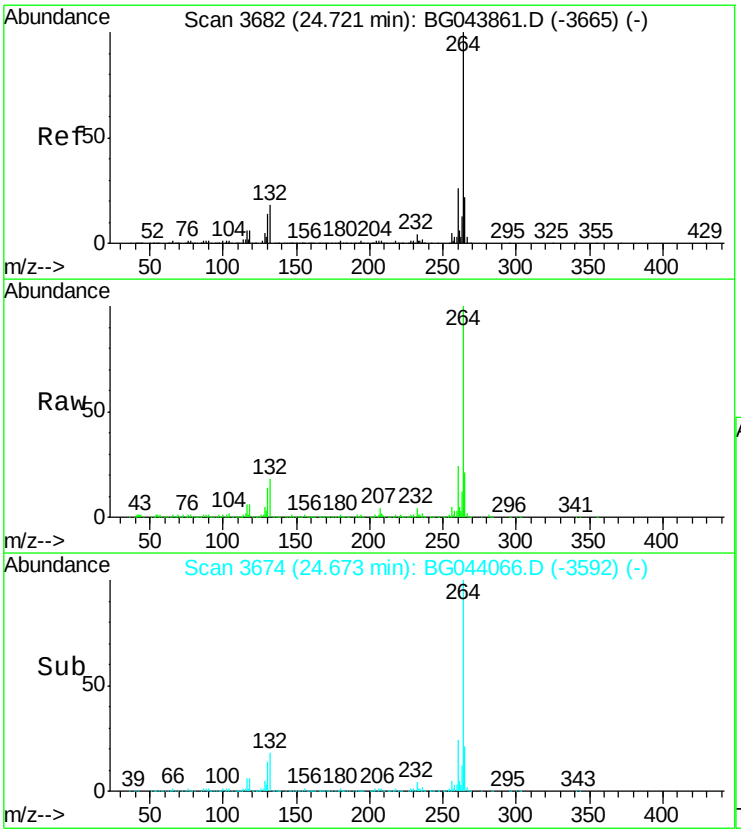
#79
Terphenyl-d14
Concen: 63.968 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044066.D
Acq: 16 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:244 Resp: 1434581

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.1	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: BG044066.D
Acq: 16 Jan 2020 13:25

Tgt Ion:264 Resp: 572342

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.5	17.4	26.2