Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045349.D
Acq On : 13 May 2020 5:43
Operator : CG/JU
Sample : L2576-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-F05194

Quant Time: May 13 06:33:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62960	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	247440	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	172457	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	408577	20.00	ng	0.00
76) Chrysene-d12	21.62	240	413941	20.00	ng	0.00
87) Perylene-d12	24.78	264	449832	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	300310	78.75	ng	0.00
7) Phenol-d6	7.14	99	284270	50.17	ng	0.00
23) Nitrobenzene-d5	9.13	82	470459	86.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	384061	144.15	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1051496	89.40	ng	0.00
79) Terphenyl-d14	19.98	244	1950433	102.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.06	163	62649	4.461	ng	99
60) Diethylphthalate	15.43	149	60252	4.115	ng	98

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

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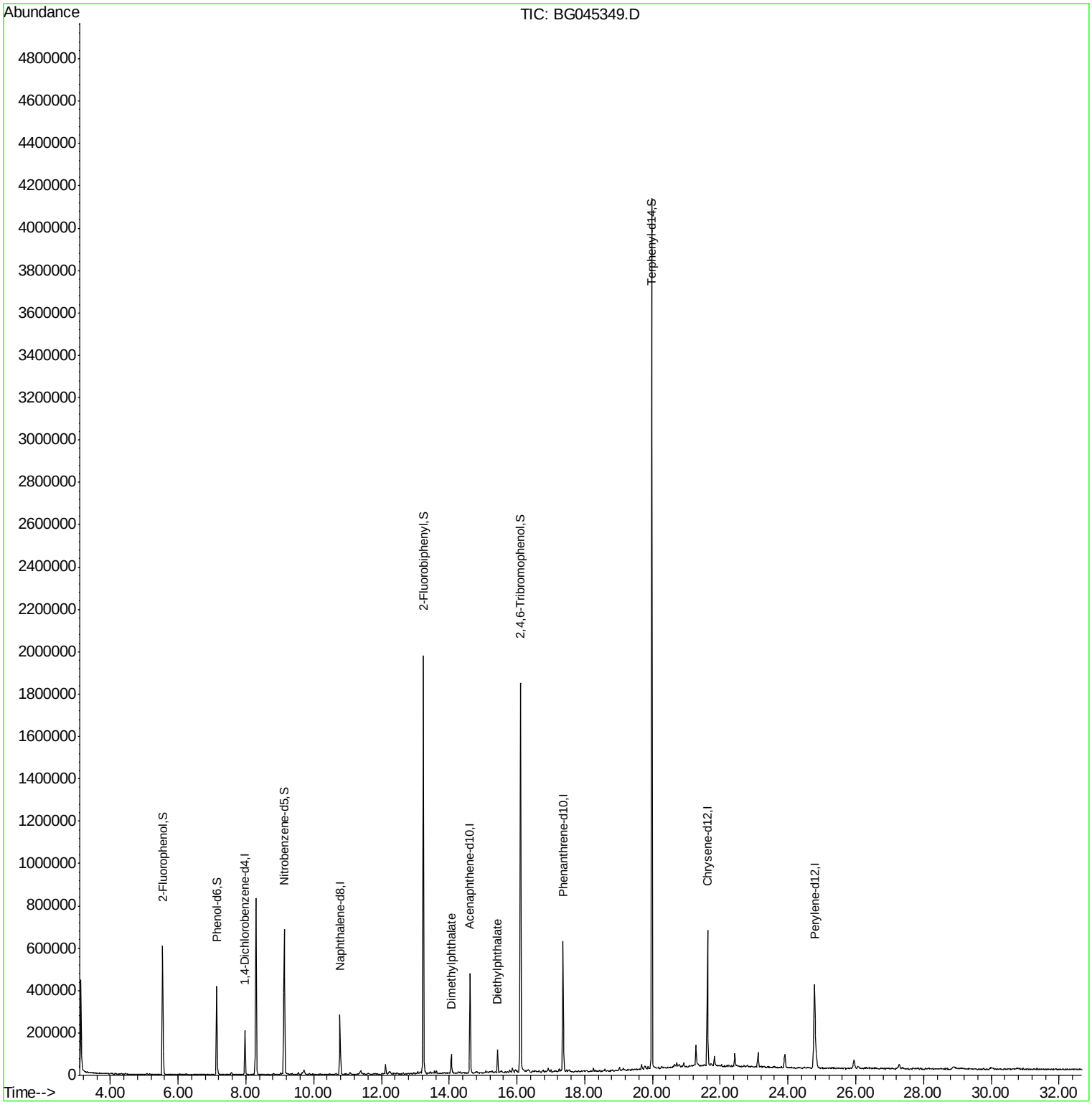
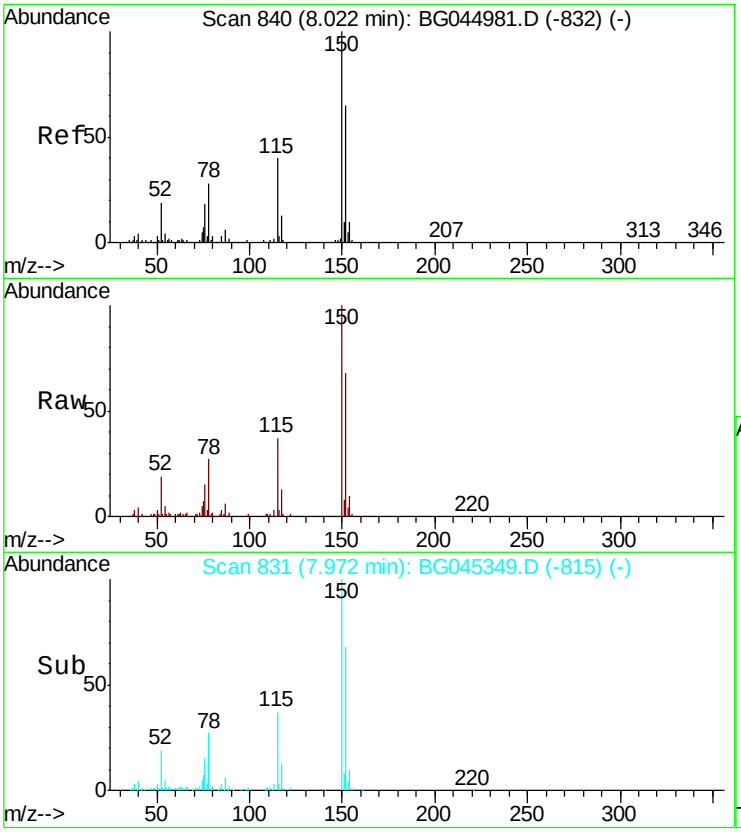


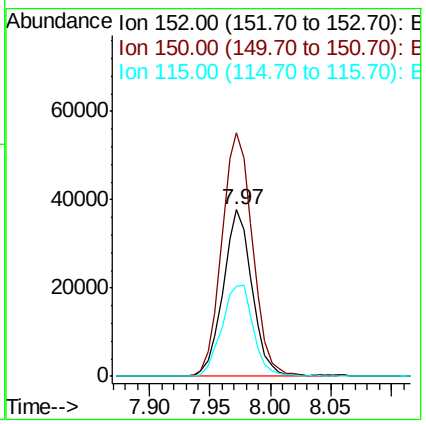


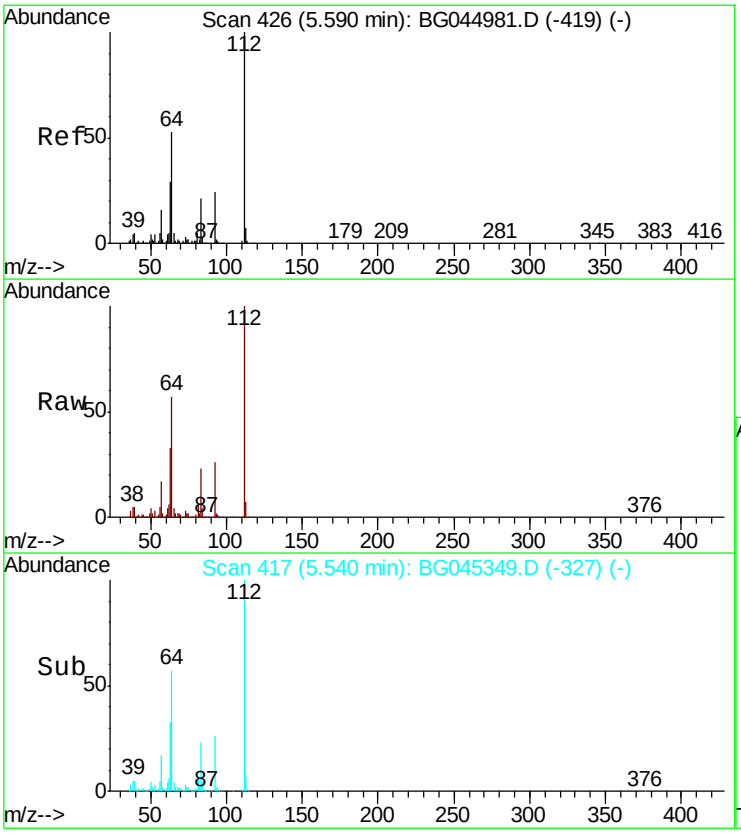
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion:152 Resp: 62960

Ion	Ratio	Lower	Upper
152	100		
150	146.3	123.6	185.4
115	54.2	49.1	73.7

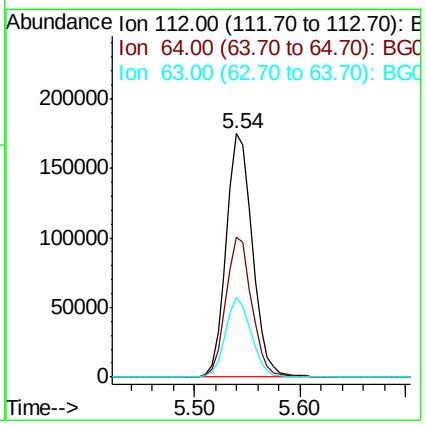


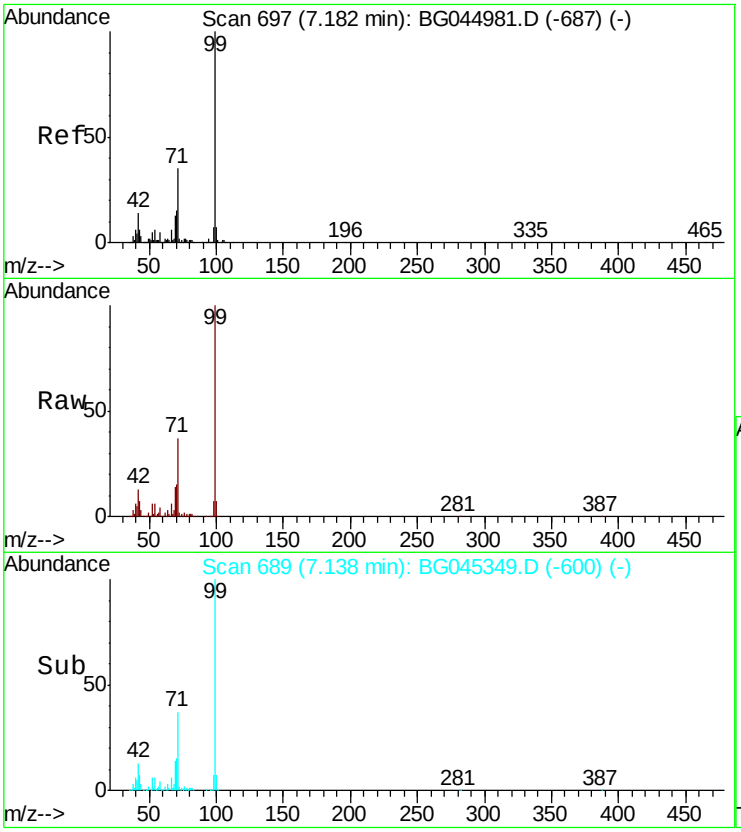


#5
2-Fluorophenol
Concen: 78.748 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:112 Resp: 300310

Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	32.9	23.1	34.7



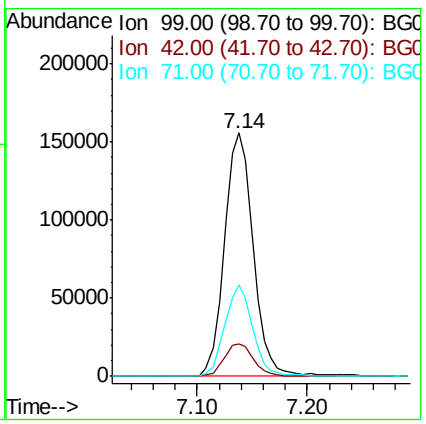


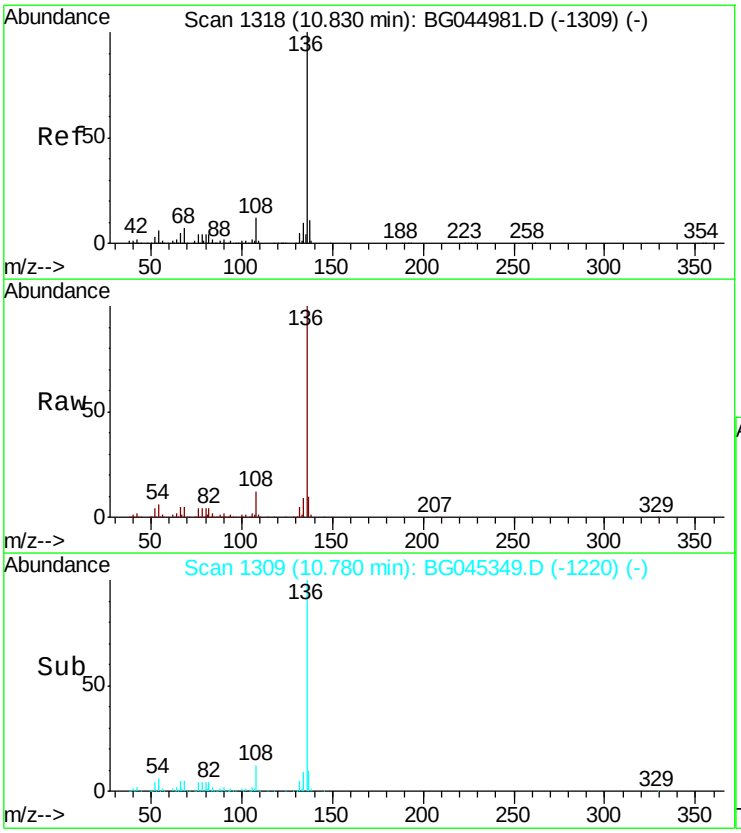
#7
Phenol-d6
Concen: 50.171 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion: 99 Resp: 284270

Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.3	16.9
71	37.4	28.3	42.5

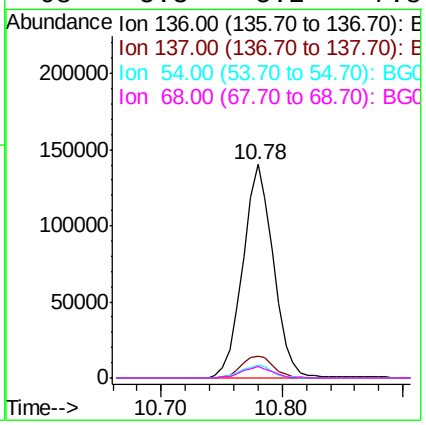


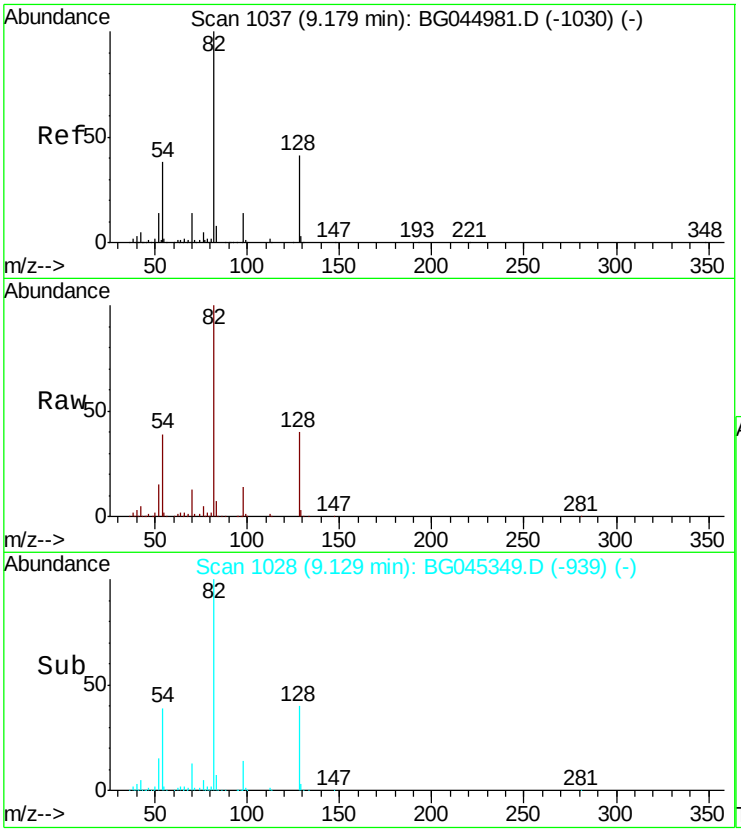


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:136 Resp: 247440

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.8	4.8	7.2
68	5.3	5.2	7.8



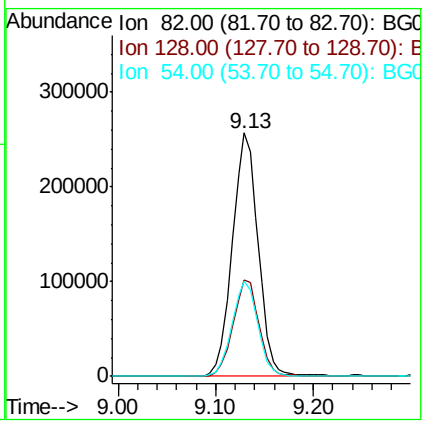


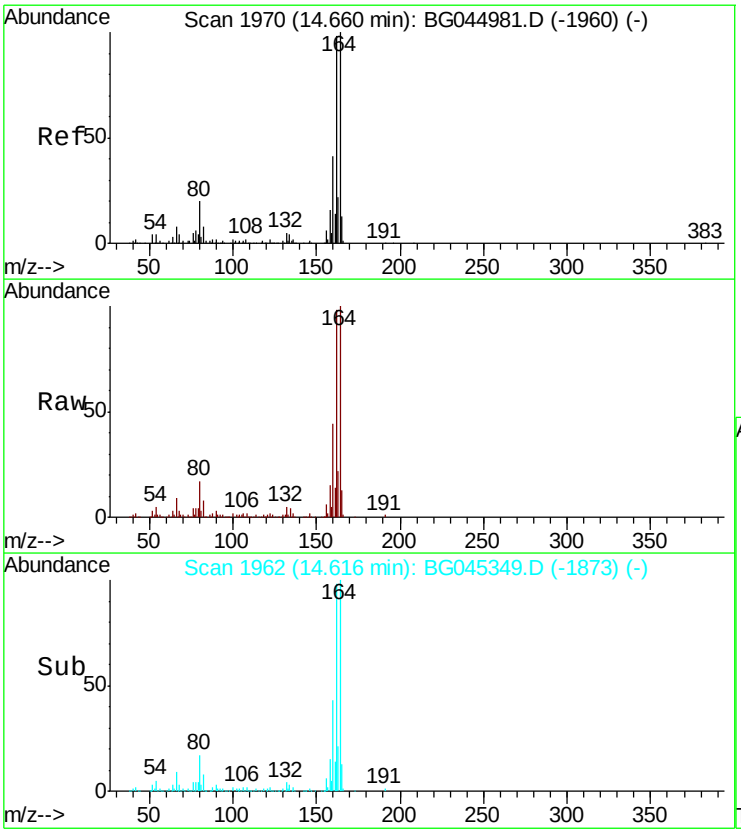
#23
Nitrobenzene-d5
Concen: 86.754 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion: 82 Resp: 470459

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	39.1	30.4	45.6

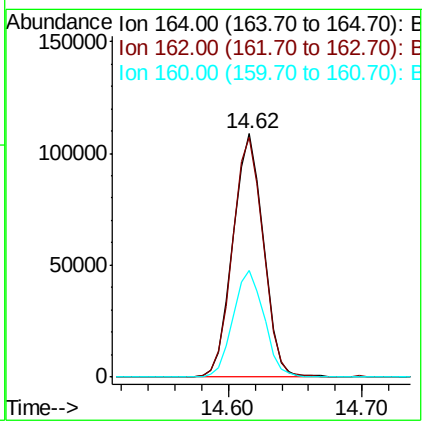


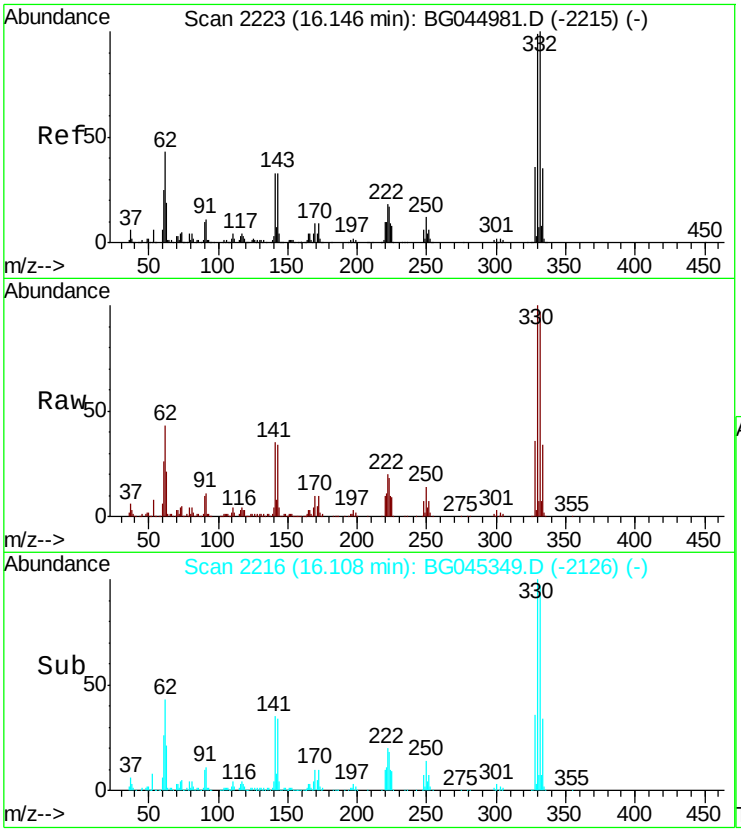


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:164 Resp: 172457

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.7	118.1
160	43.8	32.8	49.2



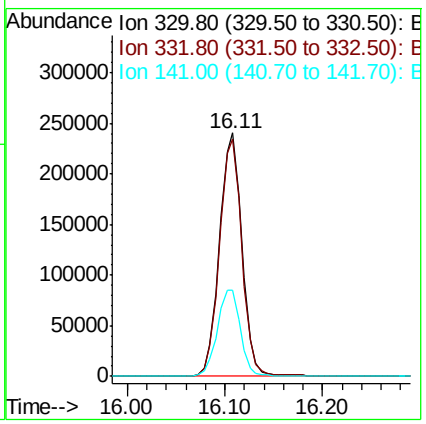


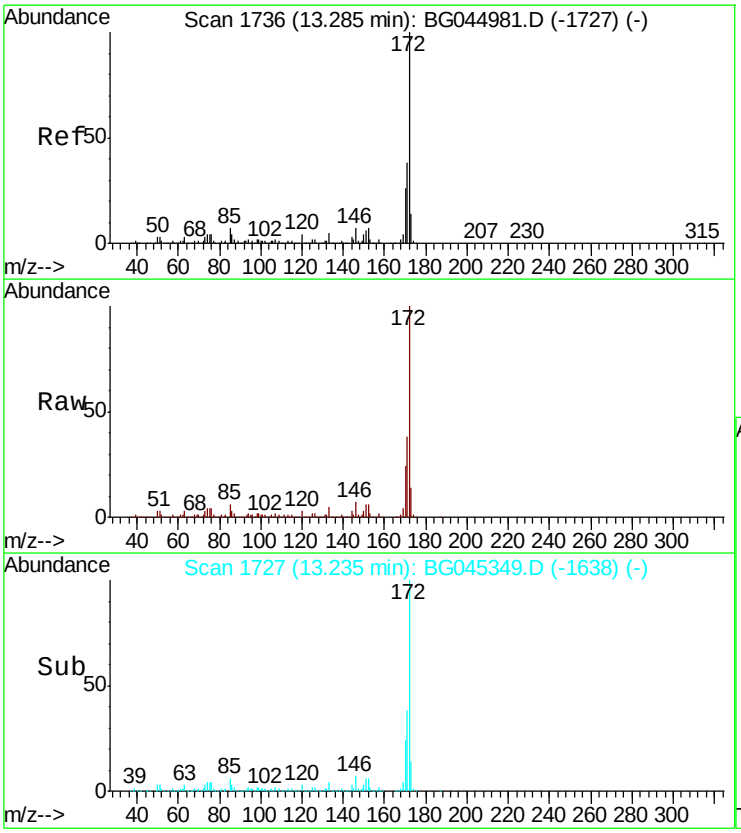
#42
2,4,6-Tribromophenol
Concen: 144.154 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion:330 Resp: 384061

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	36.4	27.1	40.7

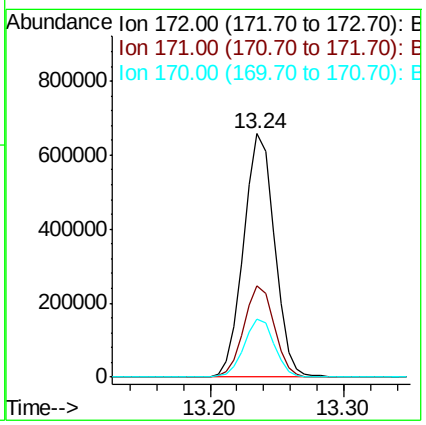


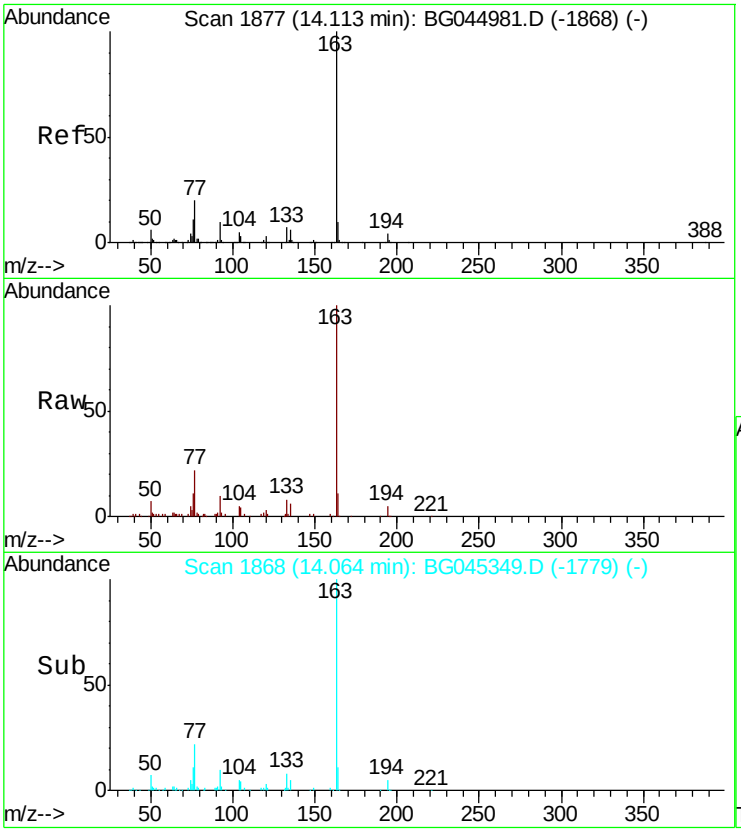


#45
2-Fluorobiphenyl
Concen: 89.404 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:172 Resp: 1051496

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	23.6	20.5	30.7



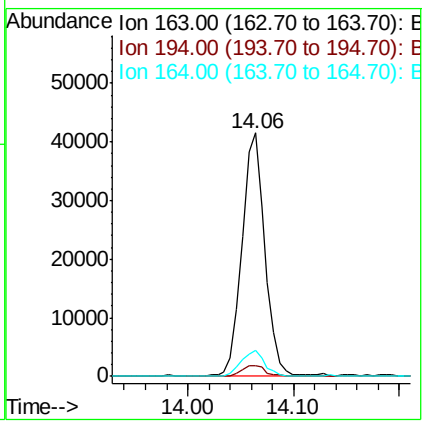


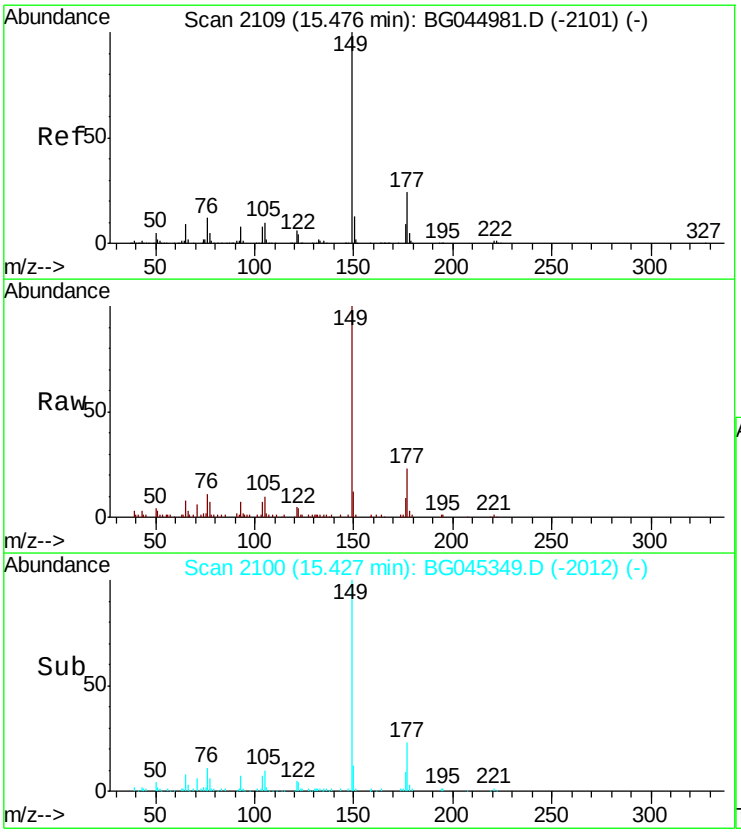
#50
Dimethylphthalate
Concen: 4.461 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion:163 Resp: 62649

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.2	12.4

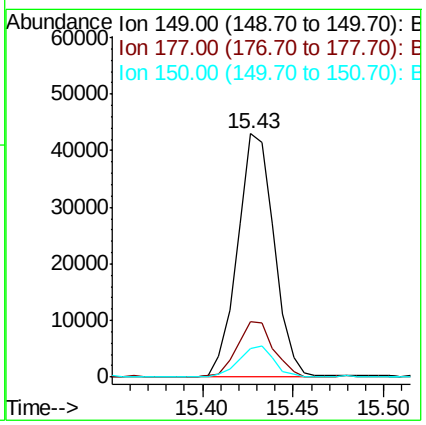


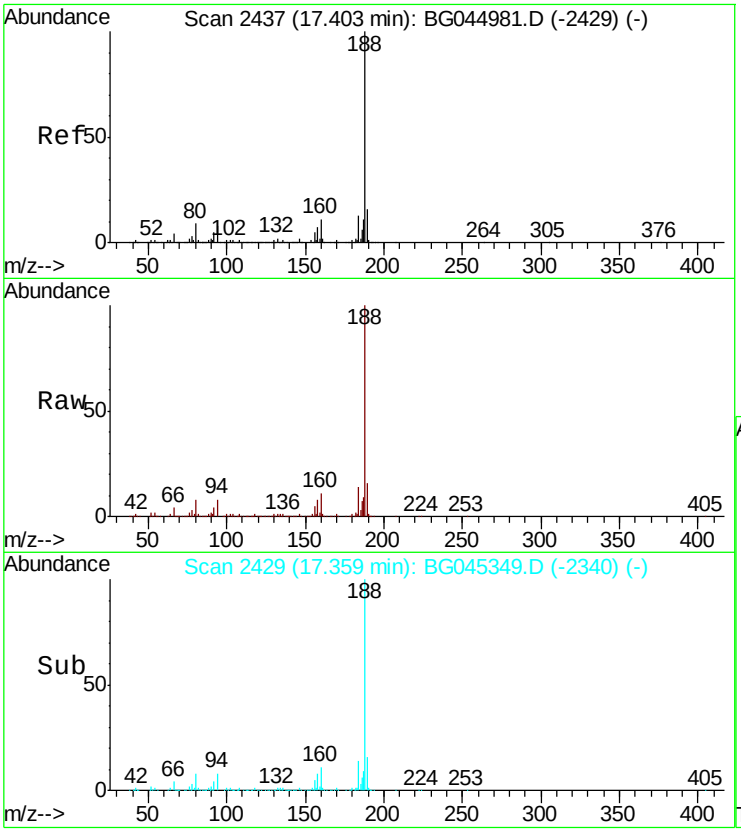


#60
Diethylphthalate
Concen: 4.115 ng
RT: 15.43 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:149 Resp: 60252

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.9	28.3
150	11.8	10.6	15.8



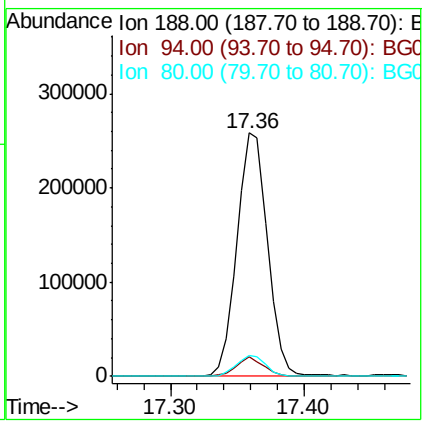


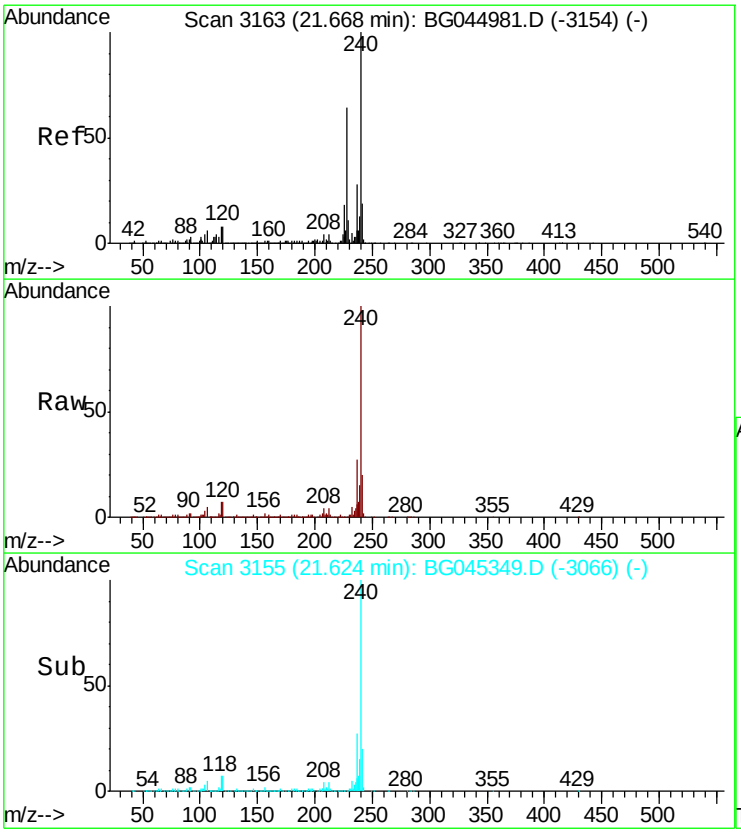
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion:188 Resp: 408577

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.4	7.0	10.6

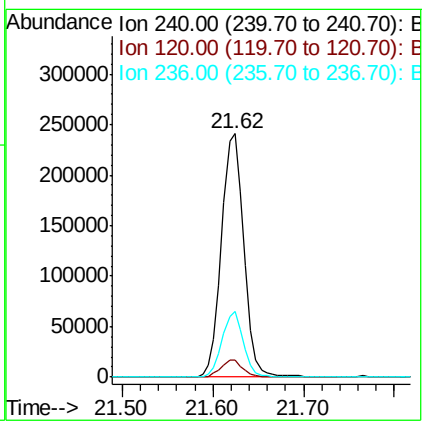


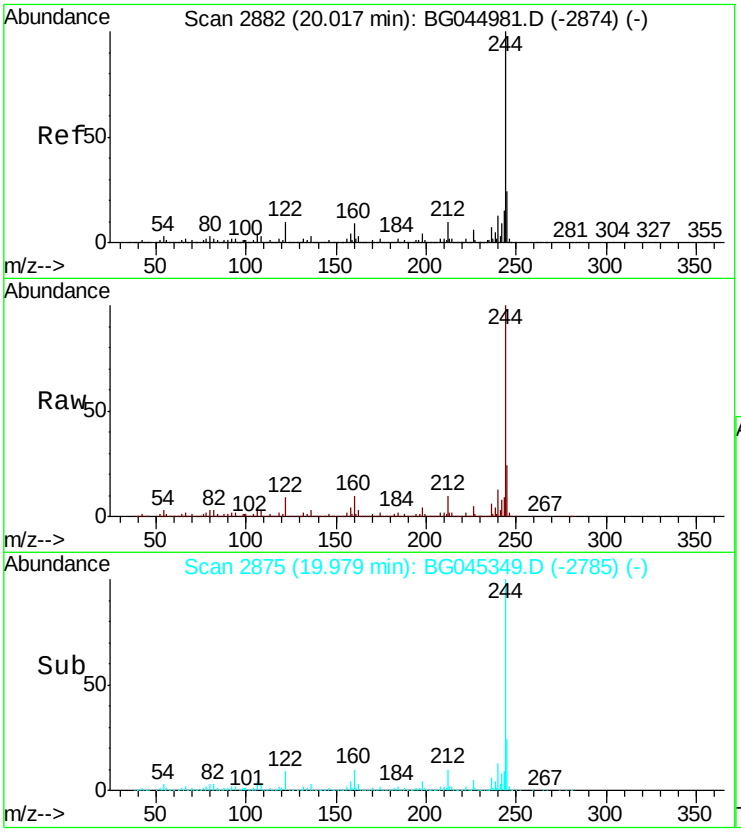


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:240 Resp: 413941

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	27.0	22.2	33.2



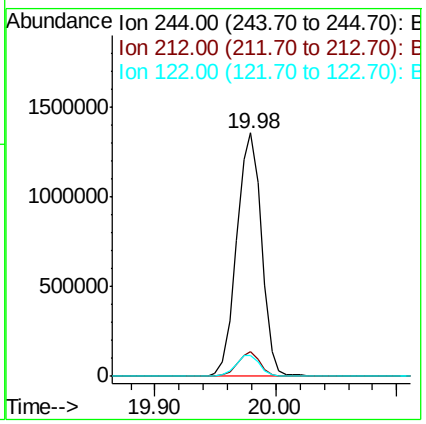


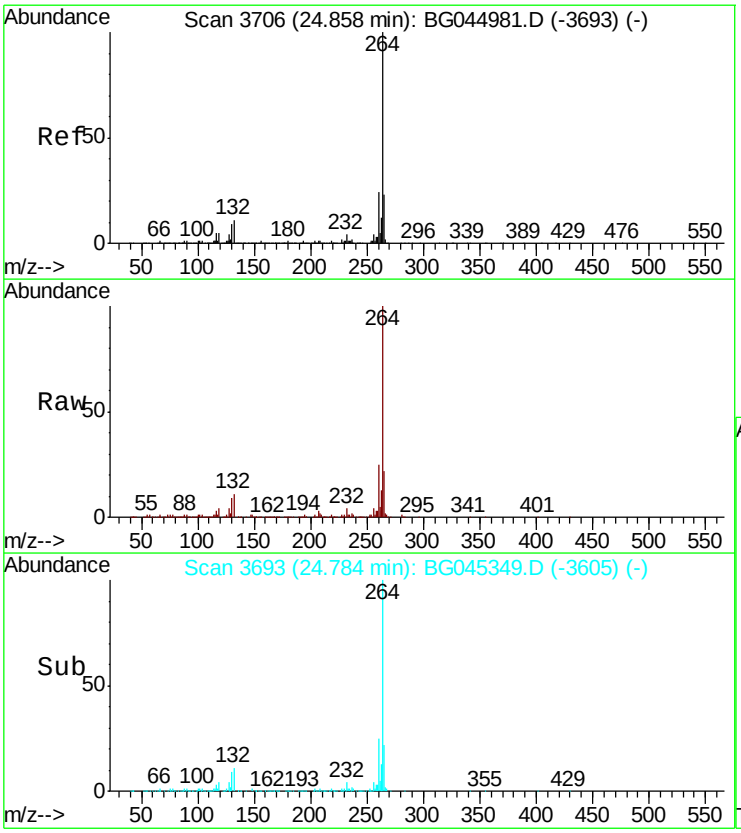
#79
Terphenyl-d14
Concen: 102.698 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-F05194

Tgt Ion:244 Resp: 1950433

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	8.6	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045349.D
Acq: 13 May 2020 5:43

Tgt Ion:264 Resp: 449832

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	19.0	28.4