Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044279.D
Acq On : 3 Feb 2020 19:20
Operator : CG/JU
Sample : L1346-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 04 00:30:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71027	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	311894	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	245330	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	551297	20.00	ng		0.00
76) Chrysene-d12	21.54	240	489746	20.00	ng		0.00
87) Perylene-d12	24.64	264	542866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	450470	111.93	ng		0.00
7) Phenol-d6	7.08	99	634458	117.40	ng		0.00
23) Nitrobenzene-d5	9.07	82	375979	68.06	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	288471	100.16	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	896012	61.16	ng		0.00
79) Terphenyl-d14	19.92	244	1471974	61.82	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	9.03	117	50979	25.973	ng	#	1
22) Acetophenone	8.73	105	75647	9.970	ng	#	58
31) Naphthalene	10.77	128	43708	2.888	ng	#	85
32) Benzoic acid	9.94	122	775	14.381	ng	#	1
37) 2-Methylnaphthalene	12.38	142	100239	8.922	ng		96
38) 1-Methylnaphthalene	12.38	142	100239	9.463	ng		99
50) Dimethylphthalate	14.01	163	37433	2.123	ng	#	99
51) 2,6-Dinitrotoluene	14.56	165	31865	8.104	ng	#	30
57) 2,4-Dinitrotoluene	14.56	165	31865	5.782	ng	#	28
67) 4-Bromophenyl-phenylether	16.04	248	19481	3.243	ng	#	1

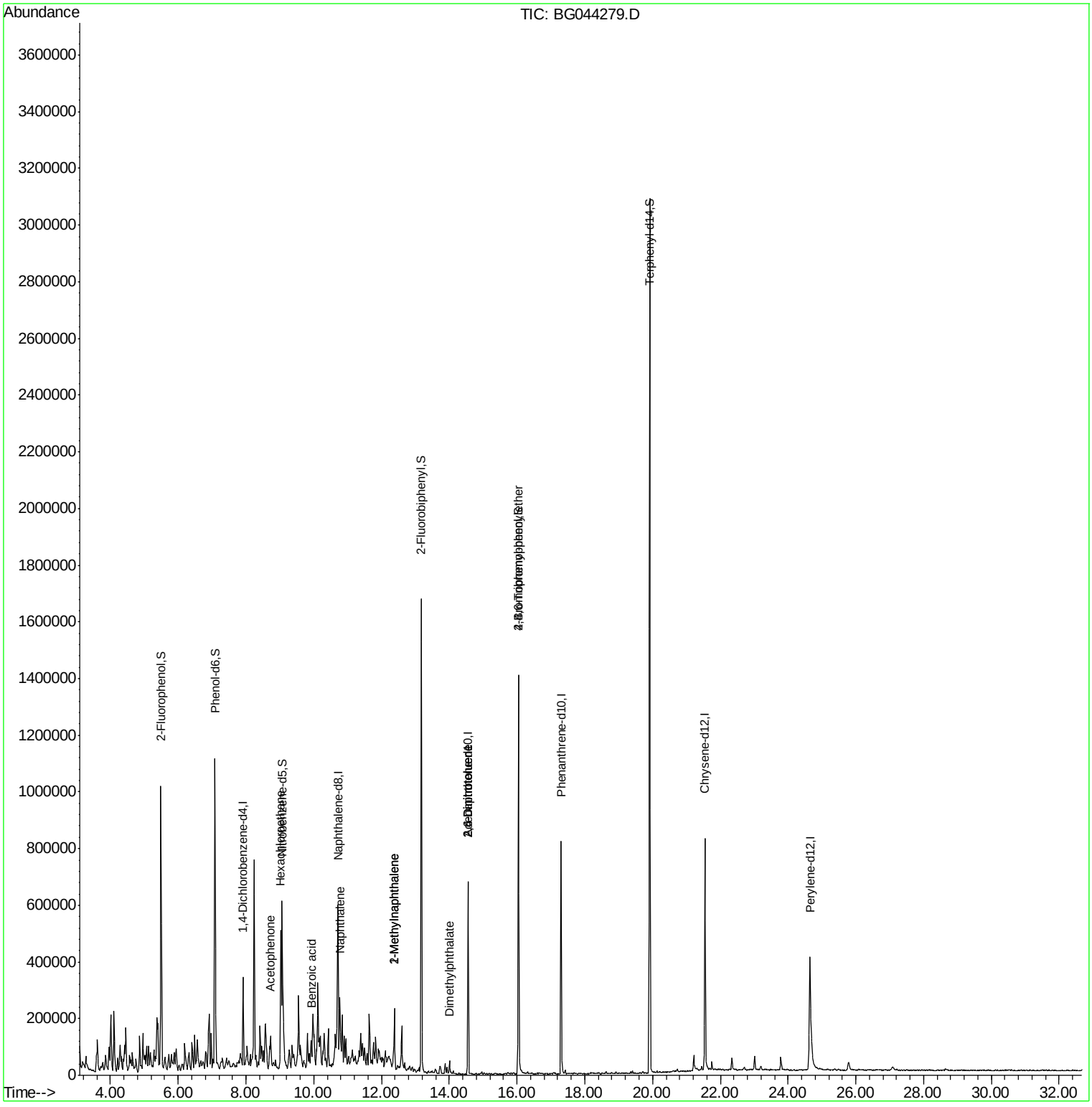
(#) = qualifier out of range (m) = manual integration (+) = signals summed

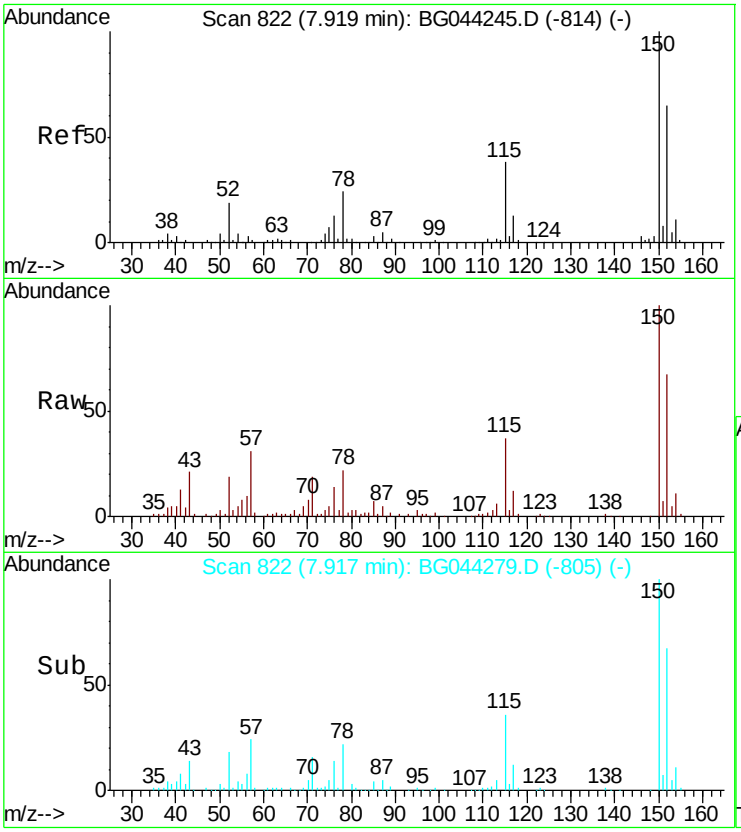
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044279.D
Acq On : 3 Feb 2020 19:20
Operator : CG/JU
Sample : L1346-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 04 00:30:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



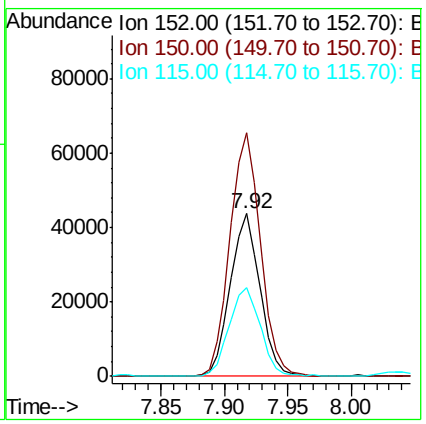


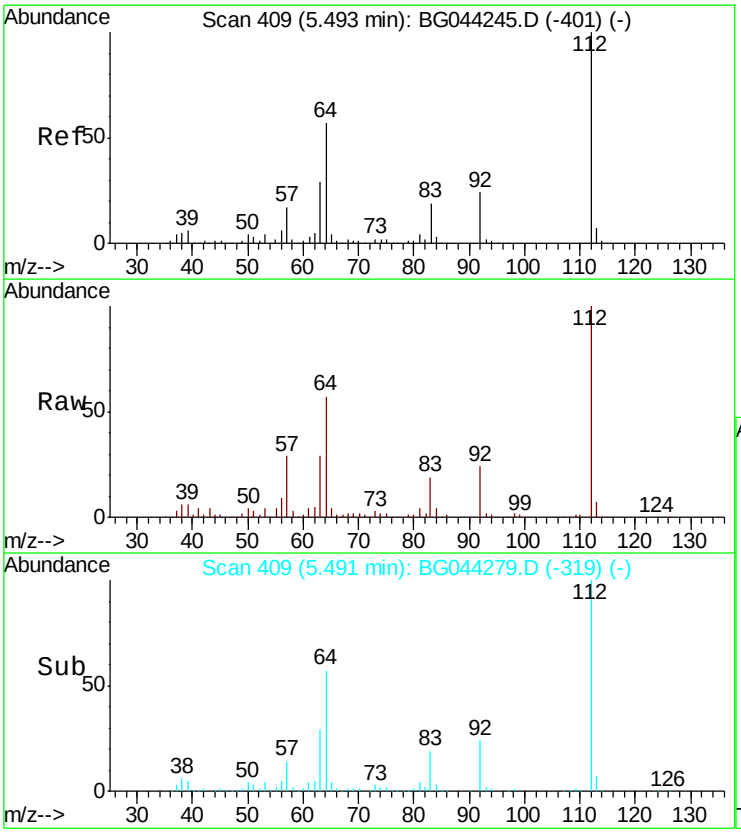
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71027

Ion	Ratio	Lower	Upper
152	100		
150	149.9	122.6	183.8
115	55.0	46.0	69.0

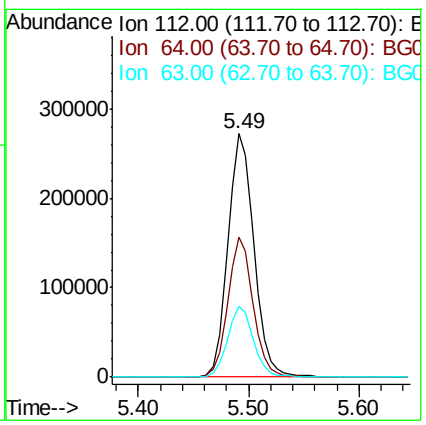


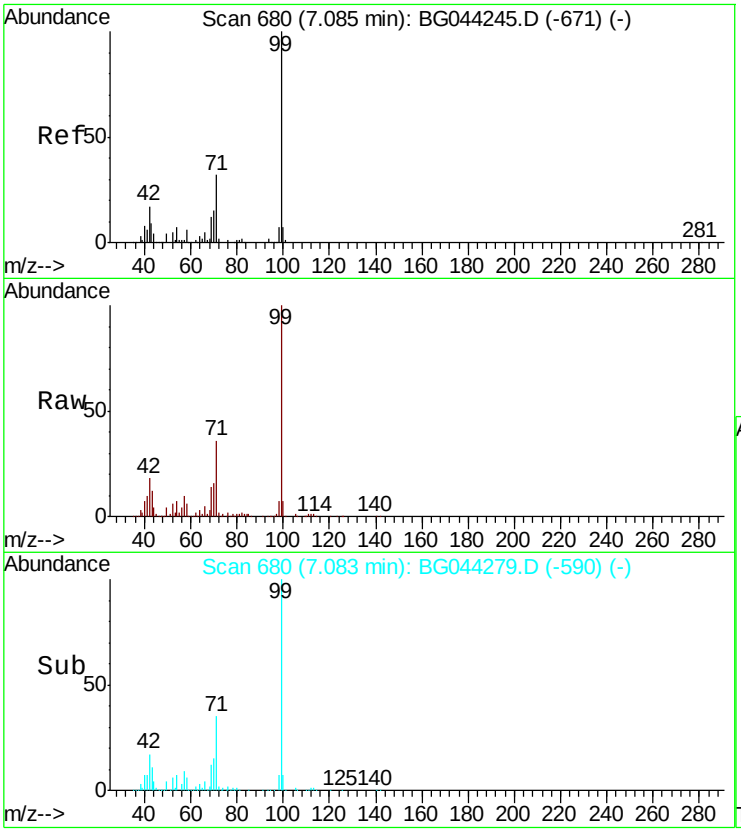


#5
2-Fluorophenol
Concen: 111.930 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:112 Resp: 450470

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.2
63	29.3	22.9	34.3



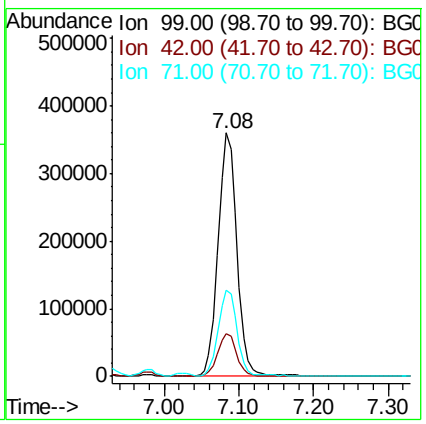


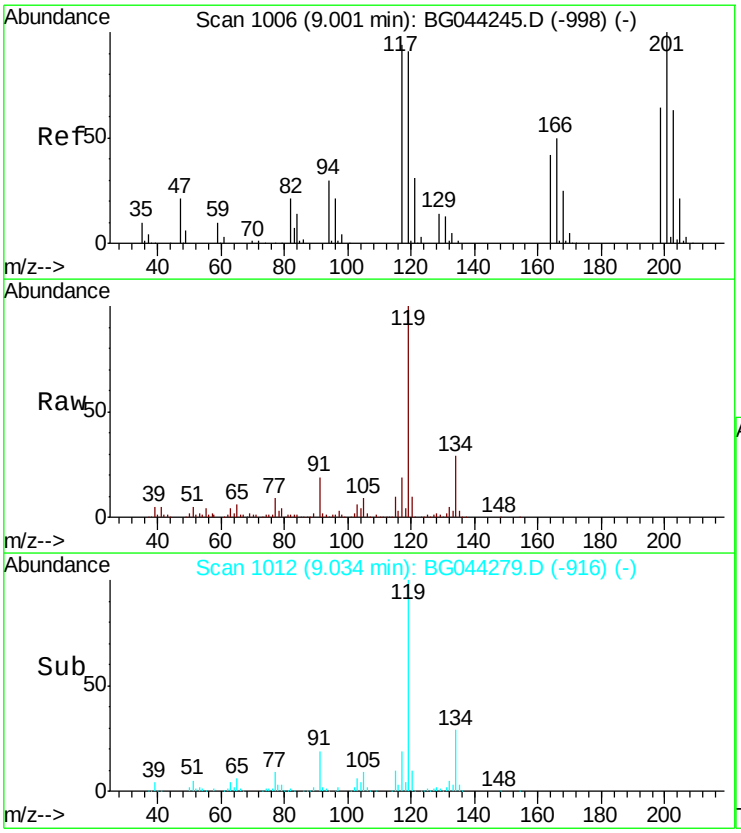
#7
Phenol-d6
Concen: 117.397 ng
RT: 7.08 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 634458

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	35.5	25.5	38.3

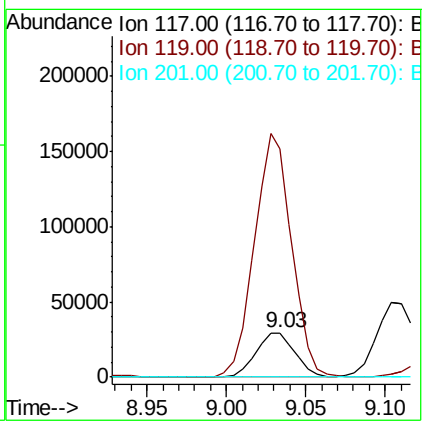


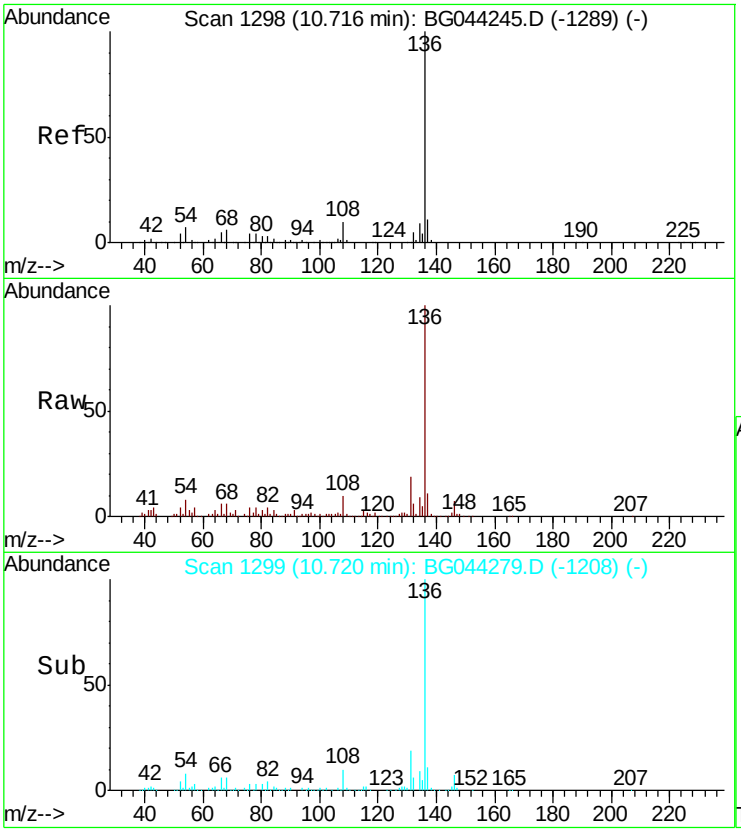


#18
Hexachloroethane
Concen: 25.973 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.03 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:117 Resp: 50979

Ion	Ratio	Lower	Upper
117	100		
119	514.0	77.5	116.3#
201	0.0	84.9	127.3#



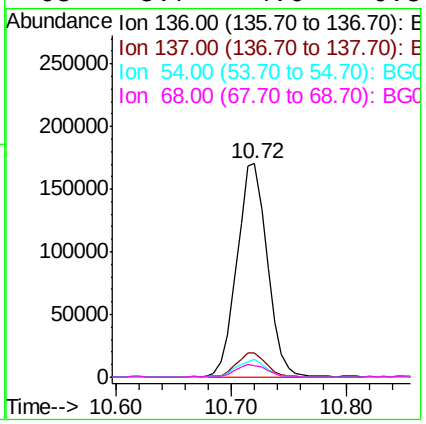


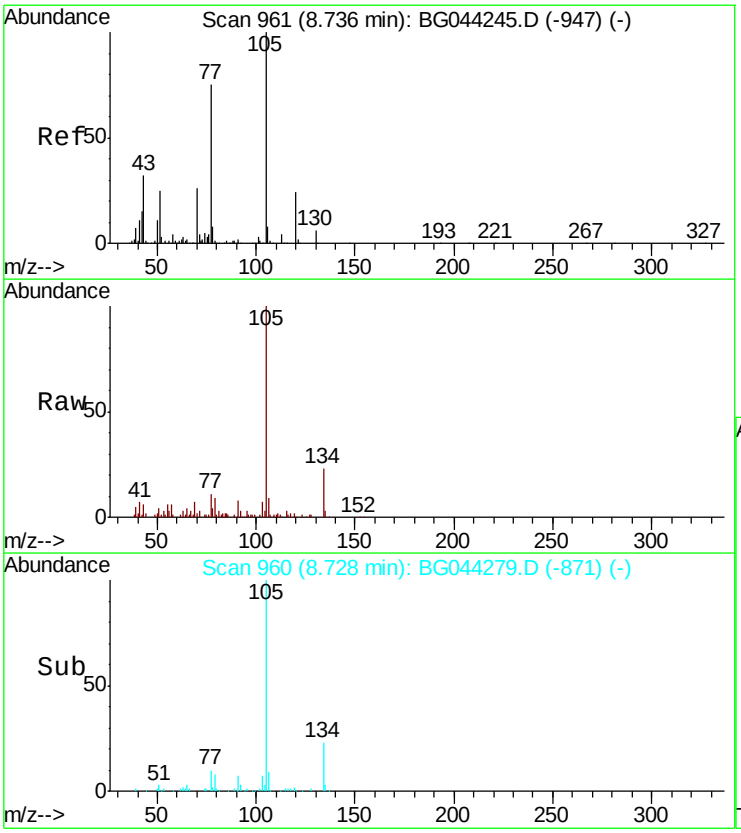
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 311894

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	5.8	8.8
68	5.7	4.6	6.8

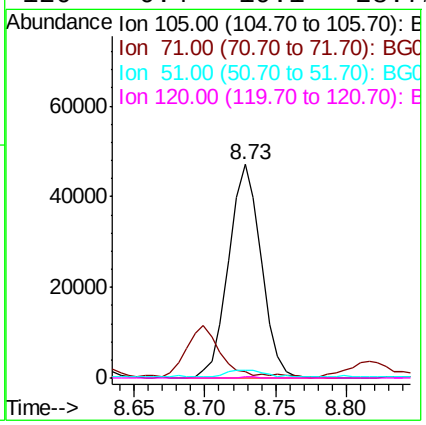


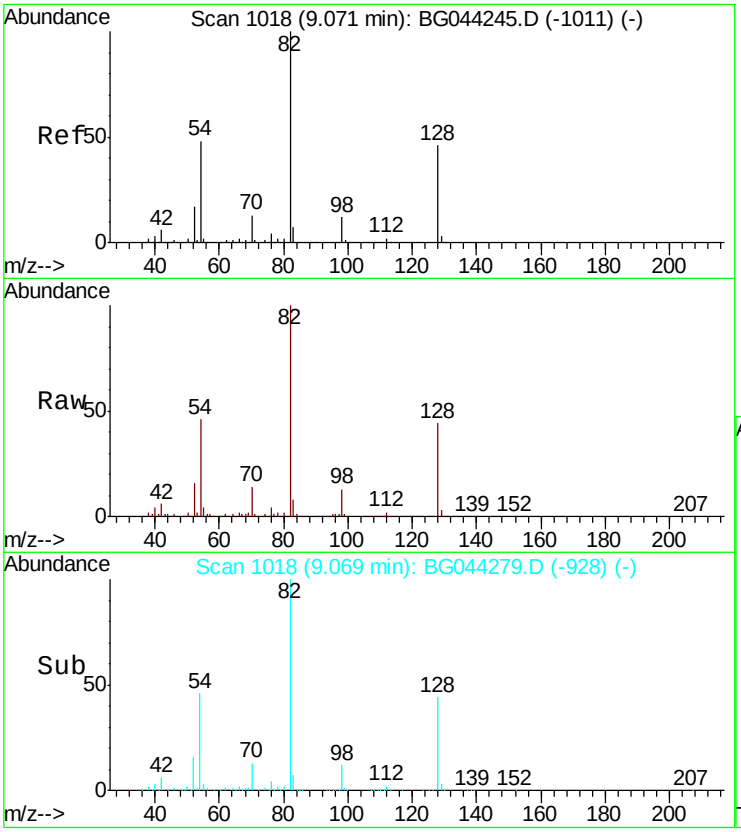


#22
Acetophenone
Concen: 9.970 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:105 Resp: 75647

Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.4	5.0#
51	3.8	20.2	30.4#
120	0.4	19.1	28.7#



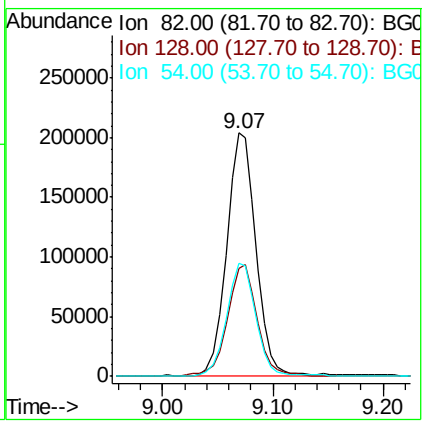


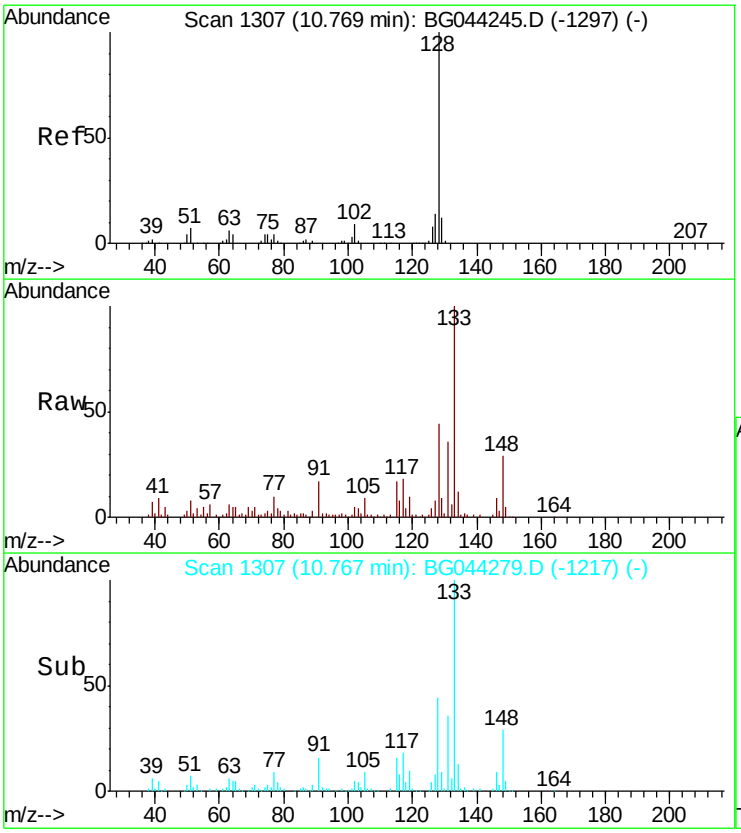
#23
Nitrobenzene-d5
Concen: 68.056 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 375979

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.5	54.7
54	46.5	38.6	58.0

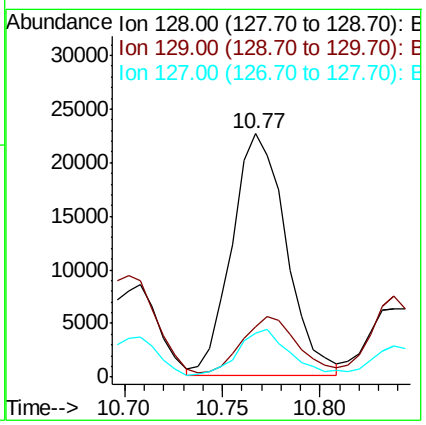


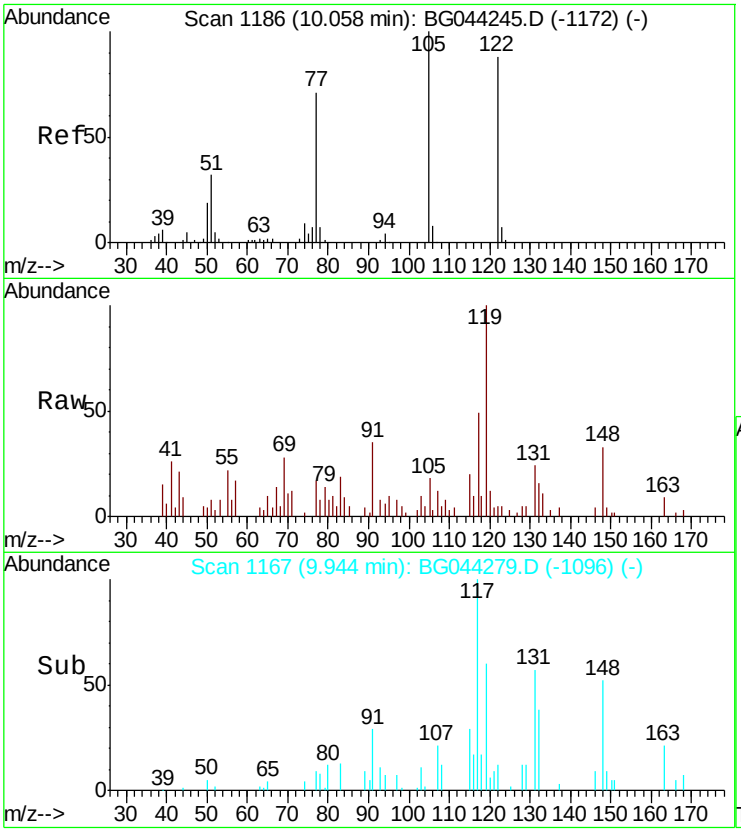


#31
Naphthalene
Concen: 2.888 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:128 Resp: 43708

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.3	13.9#
127	17.9	11.6	17.4#



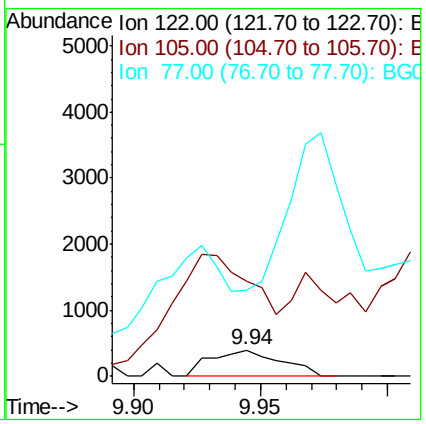


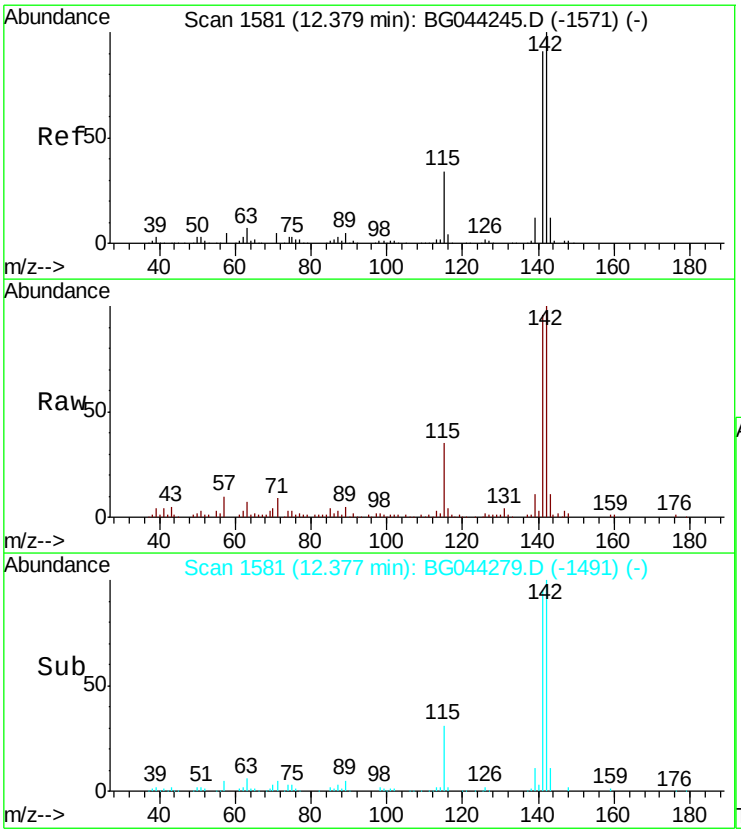
#32
Benzoic acid
Concen: 14.381 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 775

Ion	Ratio	Lower	Upper
122	100		
105	363.0	93.5	133.5#
77	329.9	61.0	101.0#

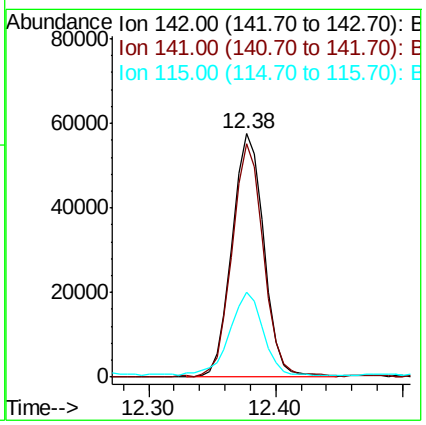


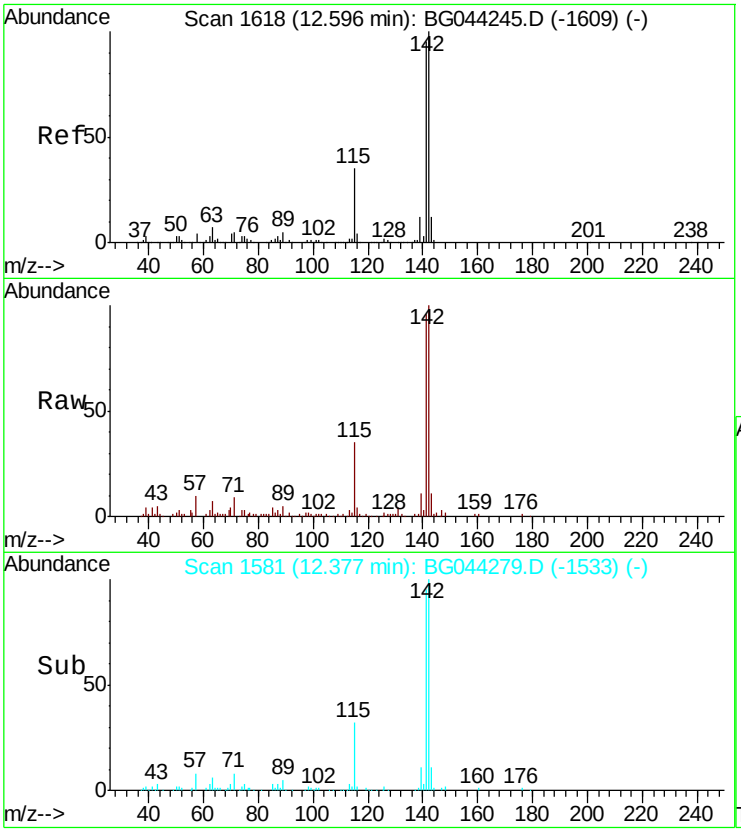


#37
2-Methylnaphthalene
Concen: 8.922 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:142 Resp: 100239

Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.2	109.8
115	34.8	27.1	40.7



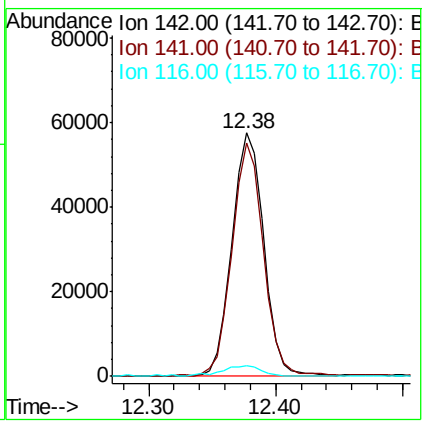


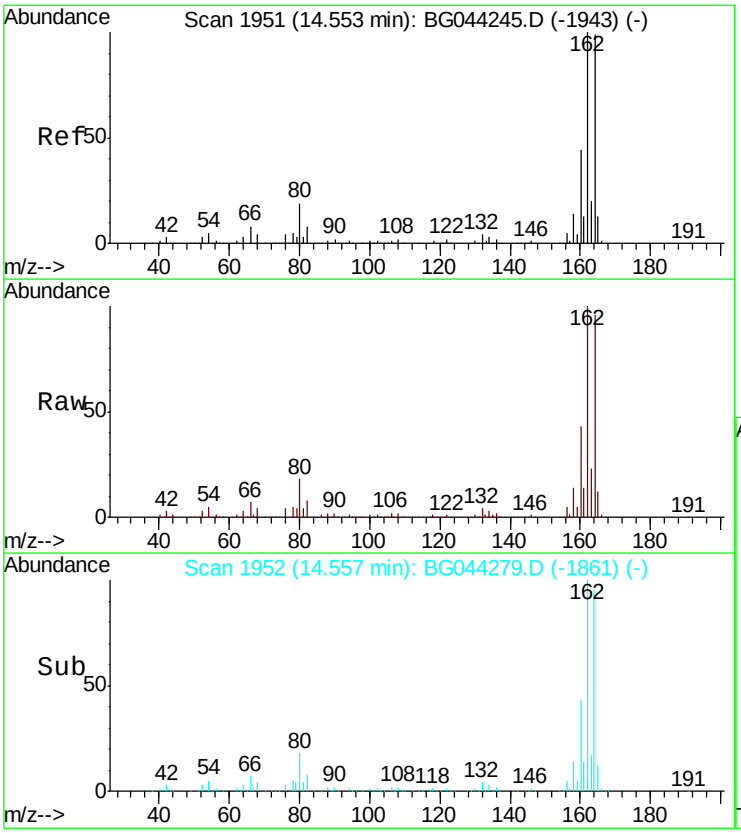
#38
1-Methylnaphthalene
Concen: 9.463 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.22 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 100239

Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.8	113.6
116	4.2	3.1	4.7

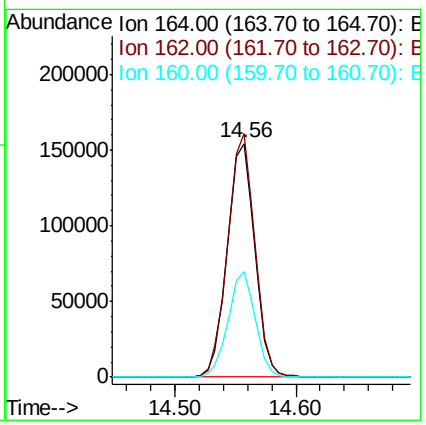


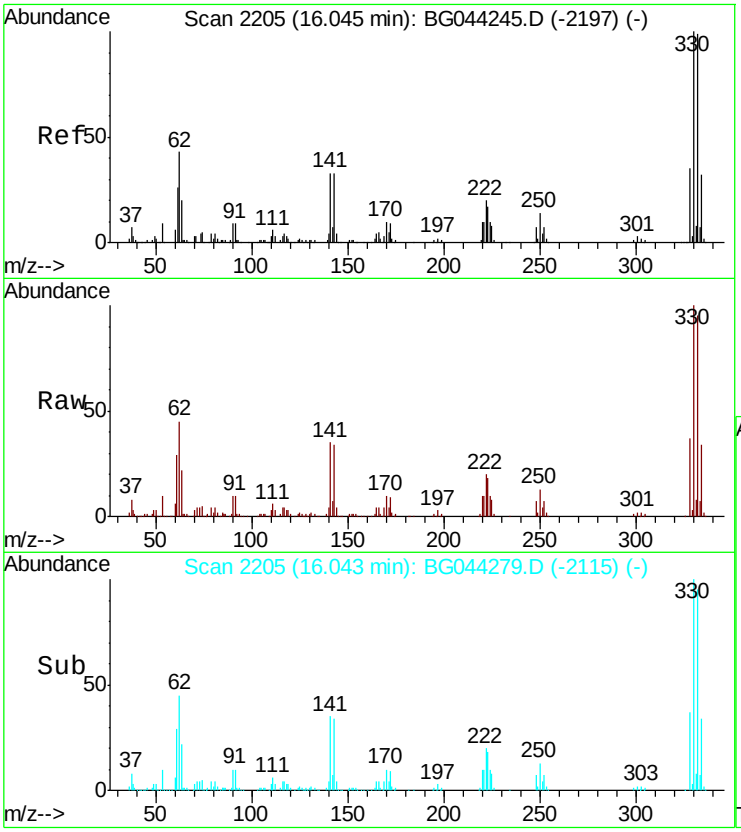


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:164 Resp: 245330

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.7	121.1
160	45.0	35.3	52.9



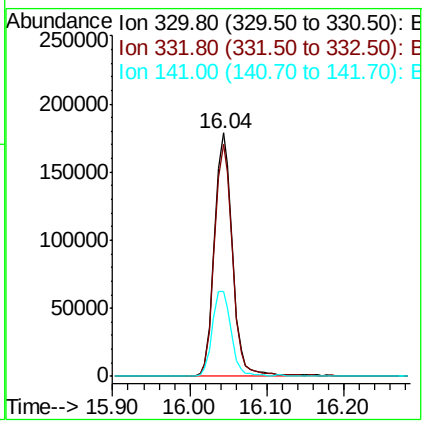


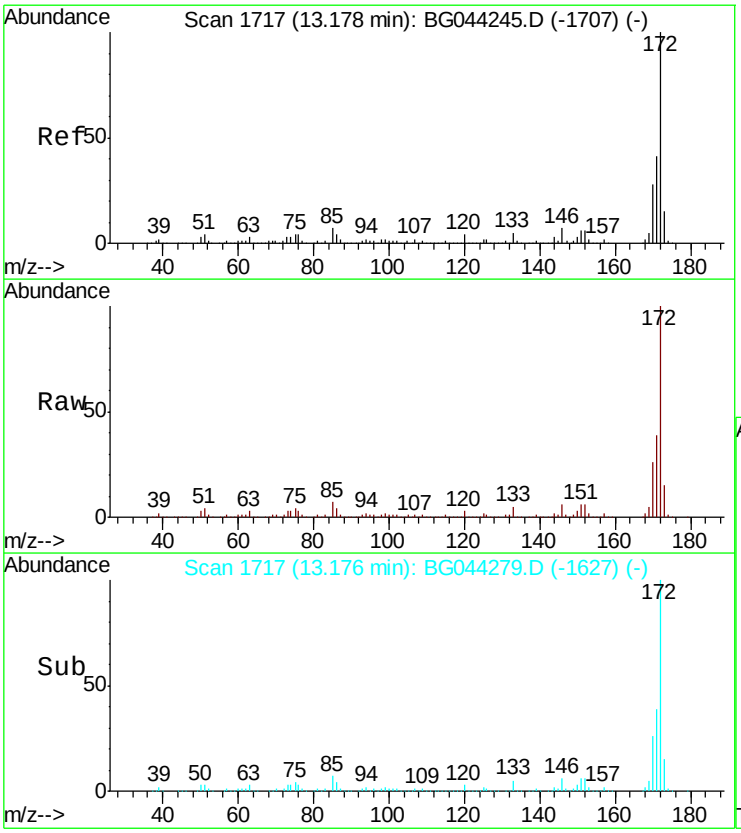
#42
2,4,6-Tribromophenol
Concen: 100.162 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 288471

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.2	115.8
141	36.2	28.3	42.5

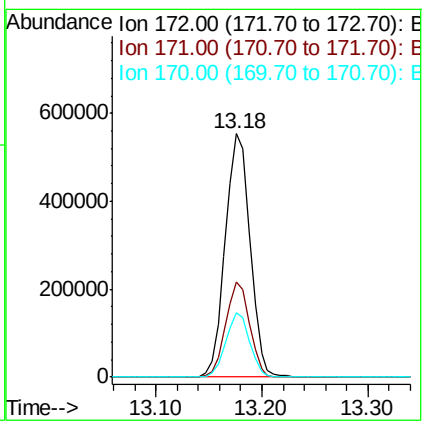


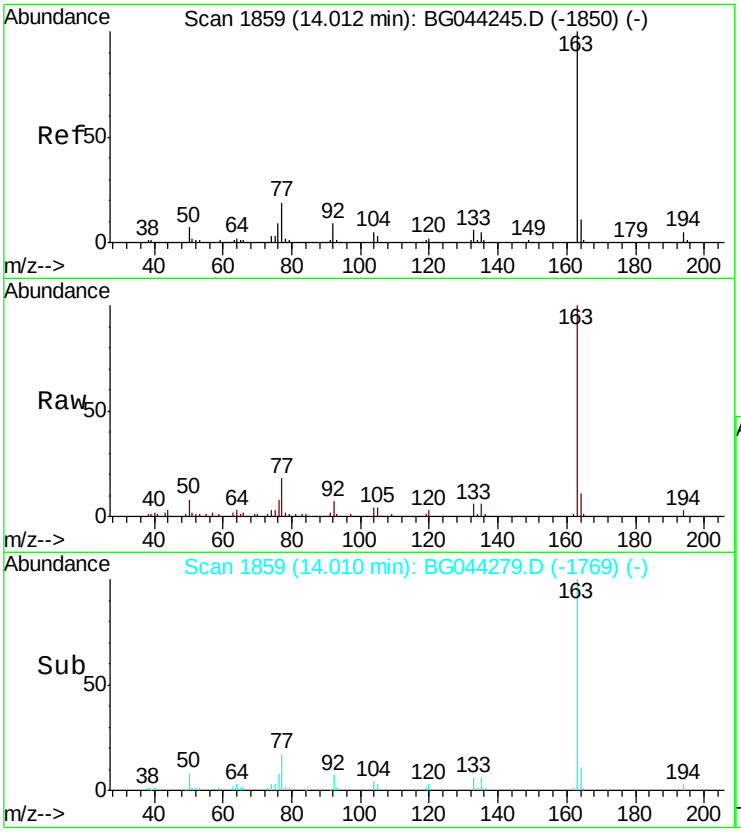


#45
2-Fluorobiphenyl
Concen: 61.159 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:172 Resp: 896012

Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.9	49.3
170	26.3	22.0	33.0



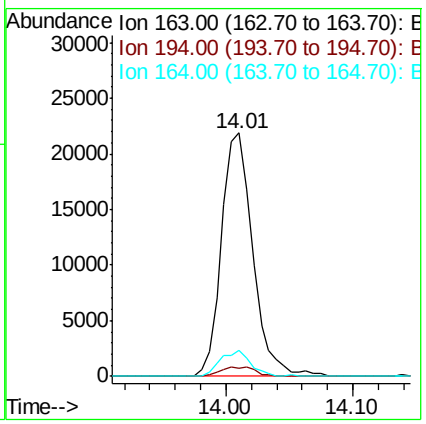


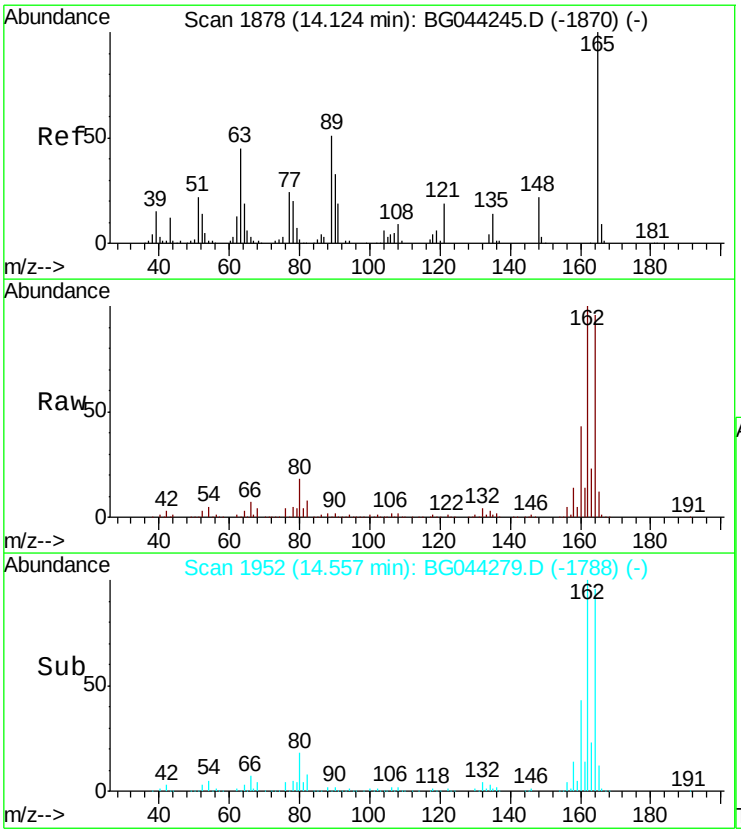
#50
Dimethylphthalate
Concen: 2.123 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 37433

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	10.6	8.7	13.1

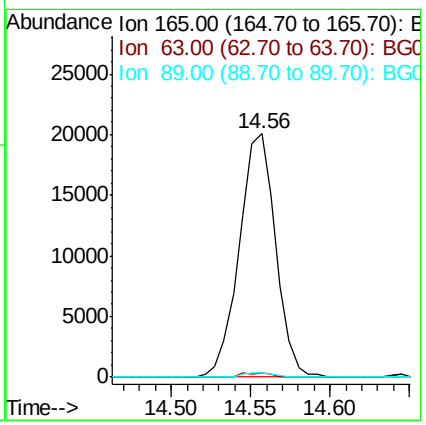


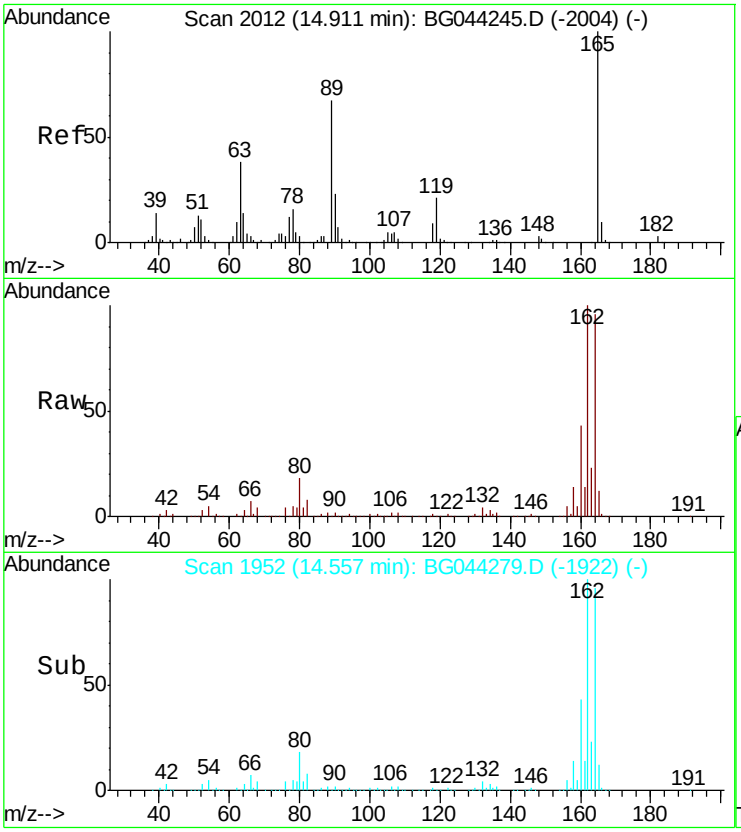


#51
2,6-Dinitrotoluene
Concen: 8.104 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.43 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:165 Resp: 31865

Ion	Ratio	Lower	Upper
165	100		
63	1.8	38.7	58.1#
89	1.8	40.4	60.6#



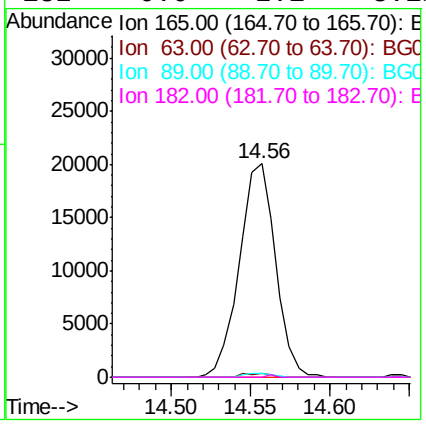


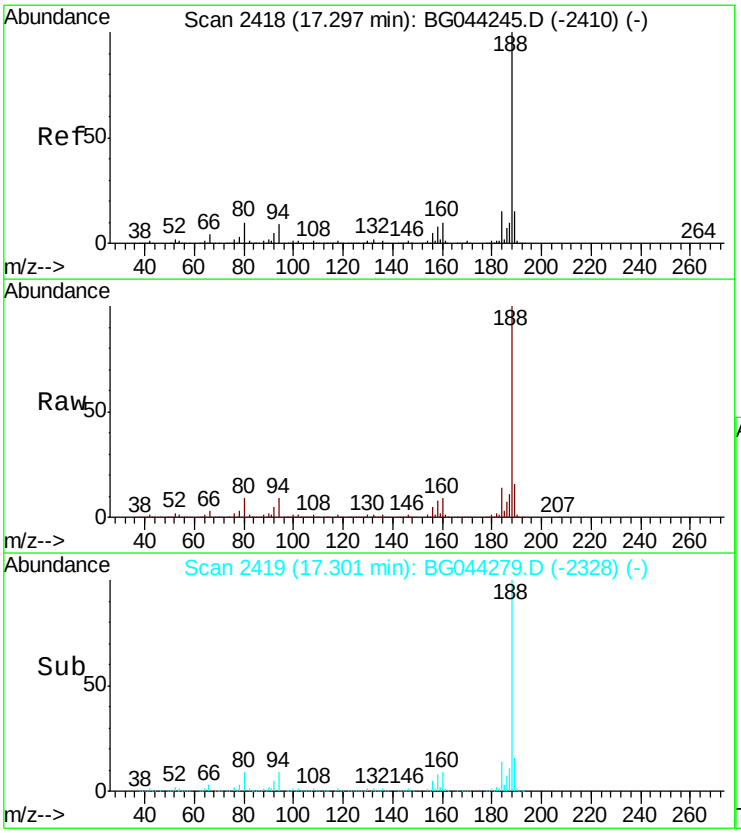
#57
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.35 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 31865

Ion	Ratio	Lower	Upper
165	100		
63	1.8	30.3	45.5#
89	1.8	53.4	80.2#
182	0.0	2.1	3.1#

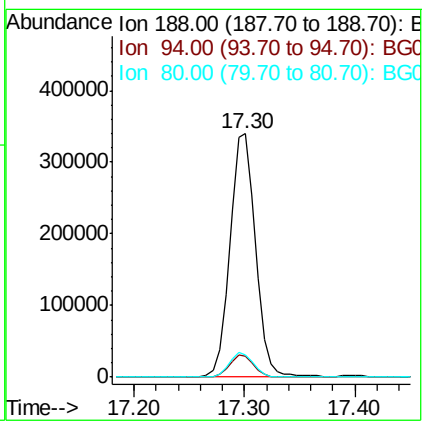


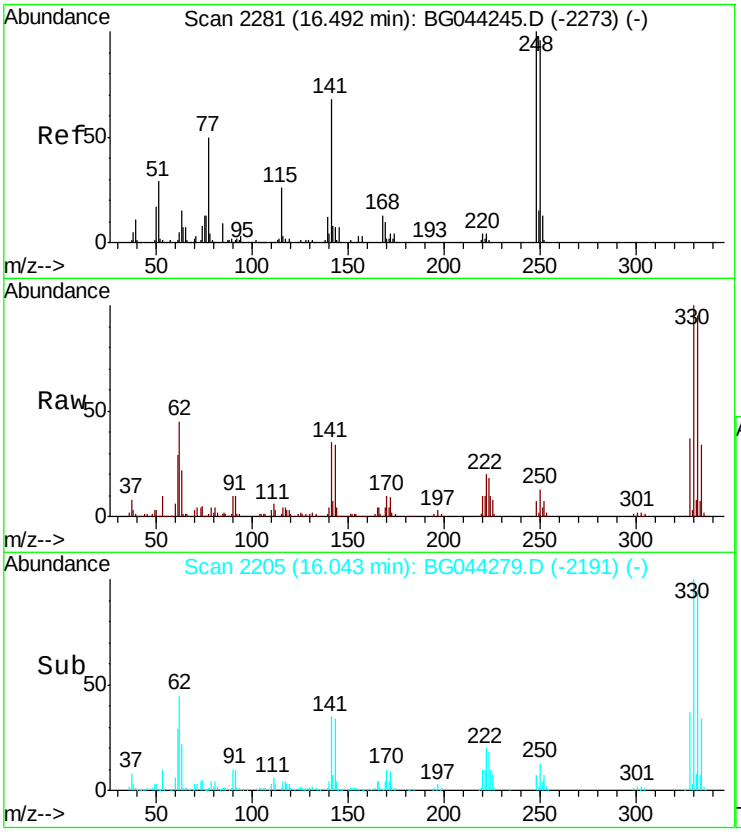


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:188 Resp: 551297

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.4	7.7	11.5



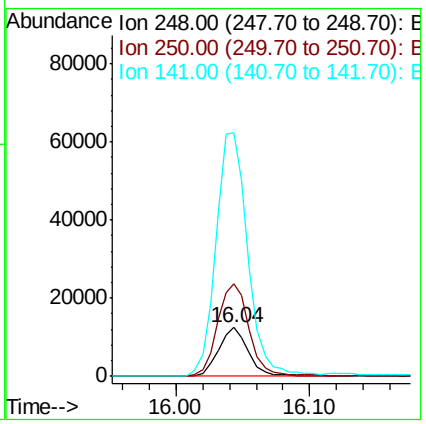


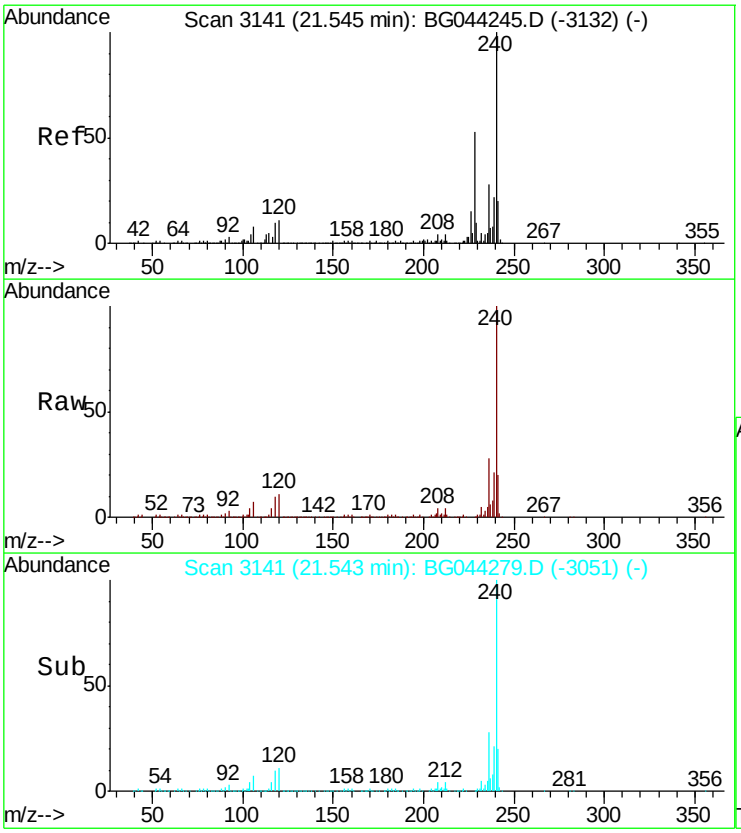
#67
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19481

Ion	Ratio	Lower	Upper
248	100		
250	190.7	76.6	114.8#
141	502.3	54.7	82.1#

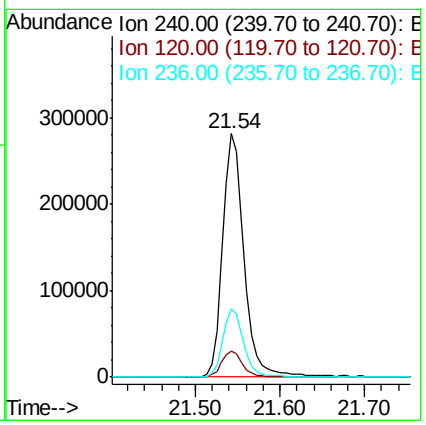


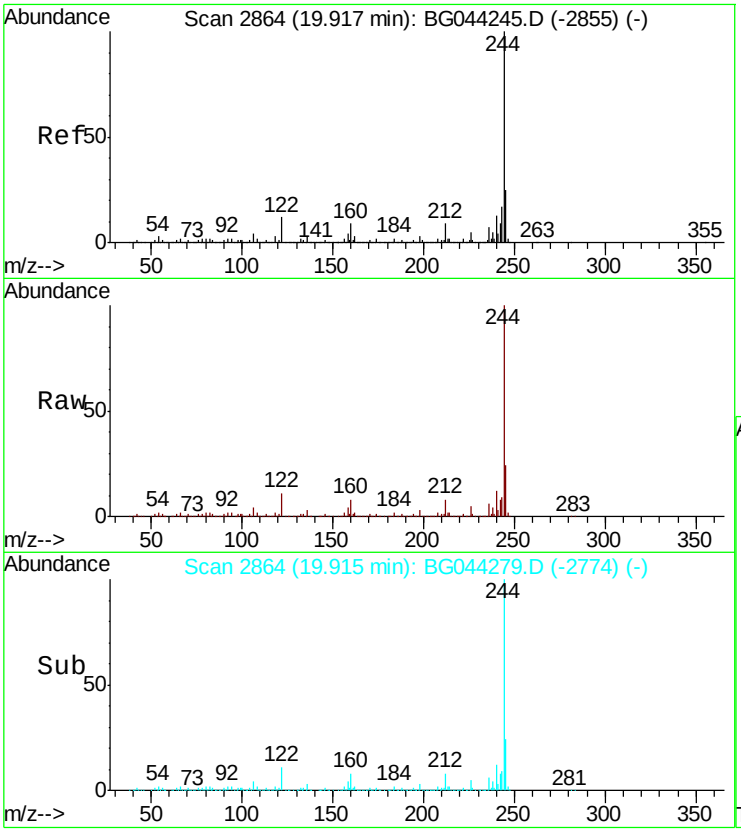


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:240 Resp: 489746

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	28.0	22.1	33.1



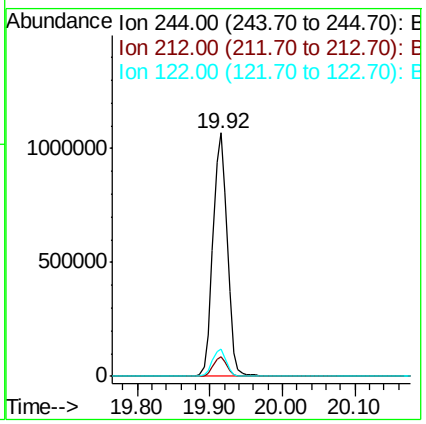


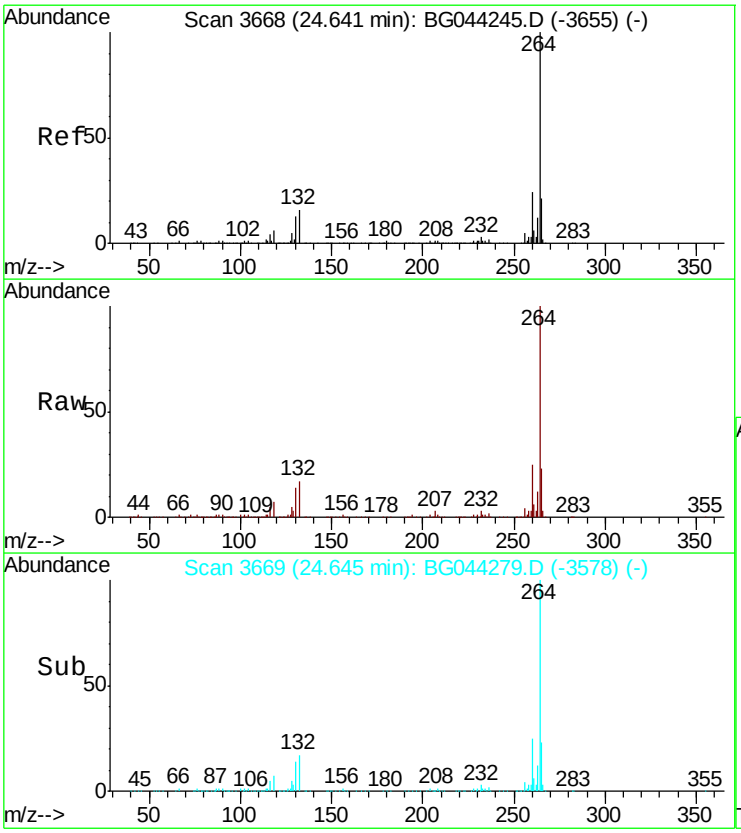
#79
Terphenyl-d14
Concen: 61.821 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1471974

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.4	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044279.D
Acq: 3 Feb 2020 19:20

Tgt Ion:264 Resp: 542866

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	23.3	16.7	25.1