Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041276.D
Acq On : 17 Jun 2019 17:09
Operator : HP/JU
Sample : K3156-03RE
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-061219

Quant Time: Jun 17 17:46:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	72061	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	278859	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	183090	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	427640	20.00	ng		0.00
76) Chrysene-d12	21.74	240	444304	20.00	ng		0.00
87) Perylene-d12	25.05	264	496016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	314898	80.29	ng		0.00
7) Phenol-d6	7.24	99	462640	81.38	ng		0.00
23) Nitrobenzene-d5	9.26	82	336413	50.74	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	205237	73.02	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	682751	50.68	ng		0.00
79) Terphenyl-d14	20.06	244	1023569	45.66	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.16	163	134340	8.246	ng		99
75) Fluoranthene	19.51	202	112559	3.715	ng		97
78) Pyrene	19.87	202	98758	3.296	ng		99
81) Benzo(a)anthracene	21.71	228	63195	2.101	ng		95
83) Chrysene	21.78	228	71370	2.467	ng		98
88) Benzo(b)fluoranthene	23.98	252	101688	3.308	ng	#	92
90) Benzo(a)pyrene	24.89	252	69267	2.386	ng	#	95

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

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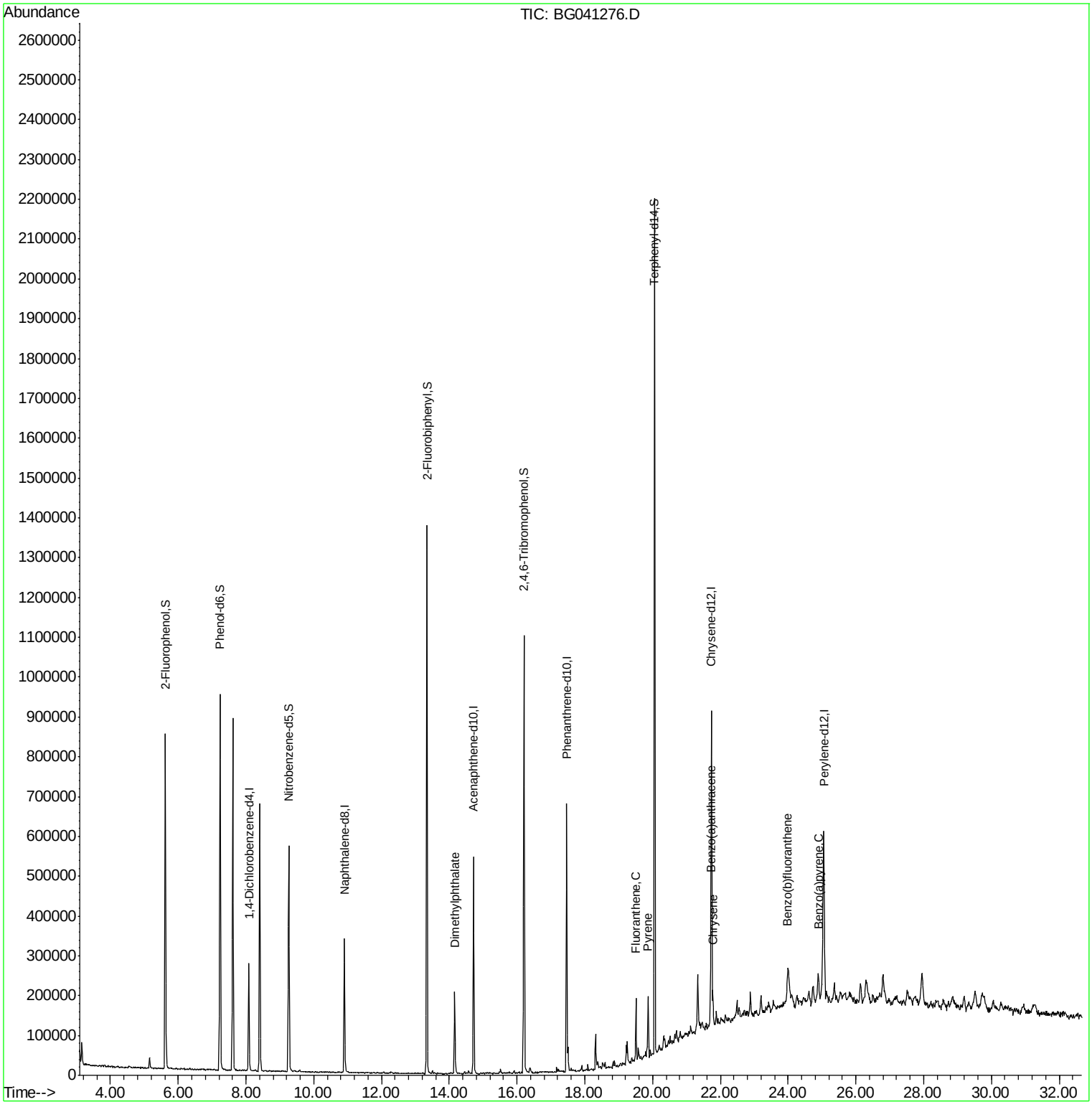
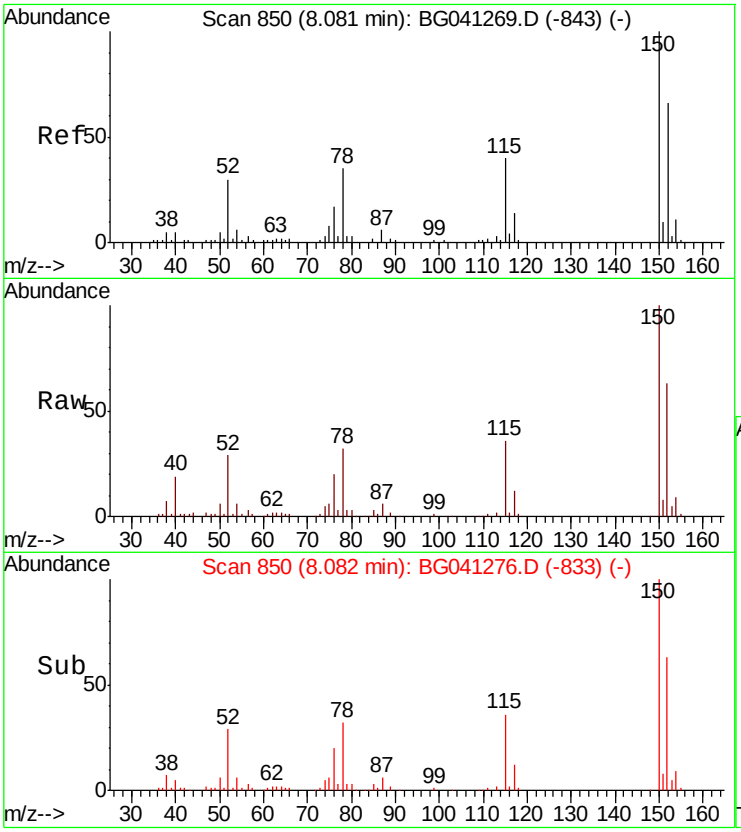


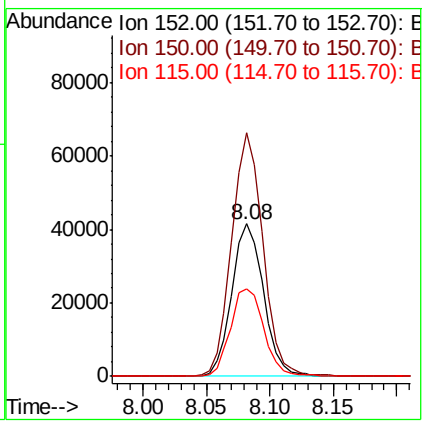


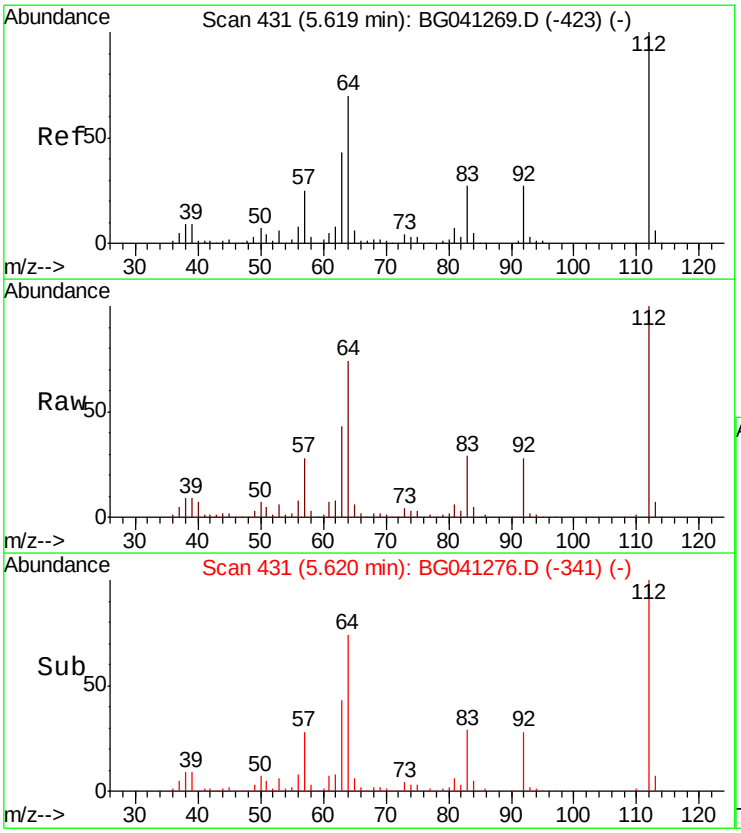
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:152 Resp: 72061

Ion	Ratio	Lower	Upper
152	100		
150	159.5	120.6	181.0
115	57.6	47.9	71.9

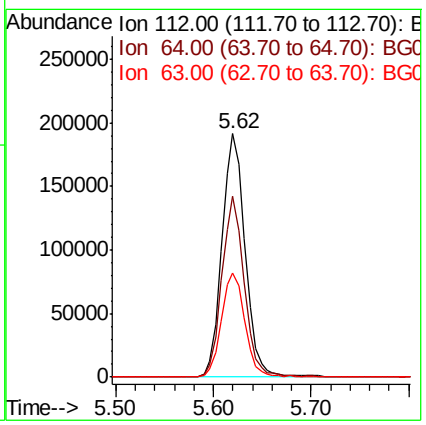


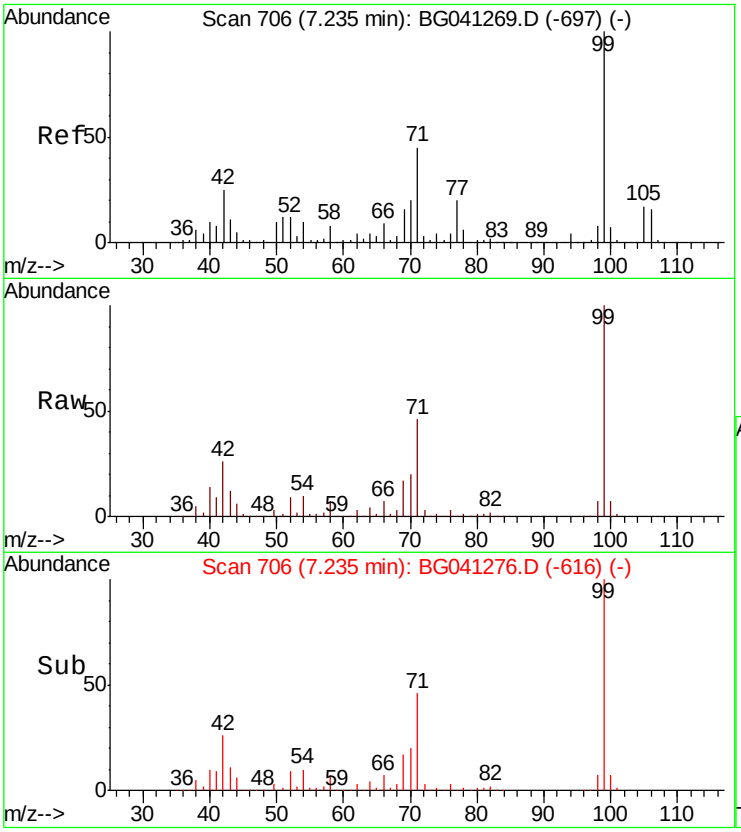


#5
2-Fluorophenol
Concen: 80.293 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:112 Resp: 314898

Ion	Ratio	Lower	Upper
112	100		
64	74.2	55.9	83.9
63	42.5	34.6	51.8



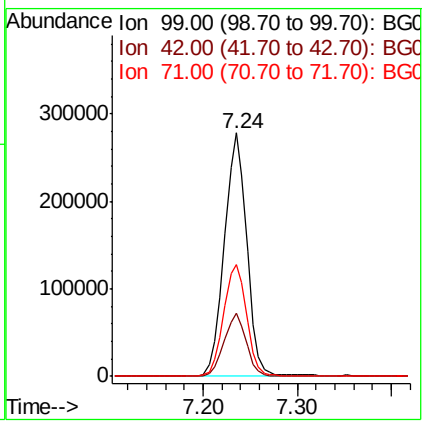


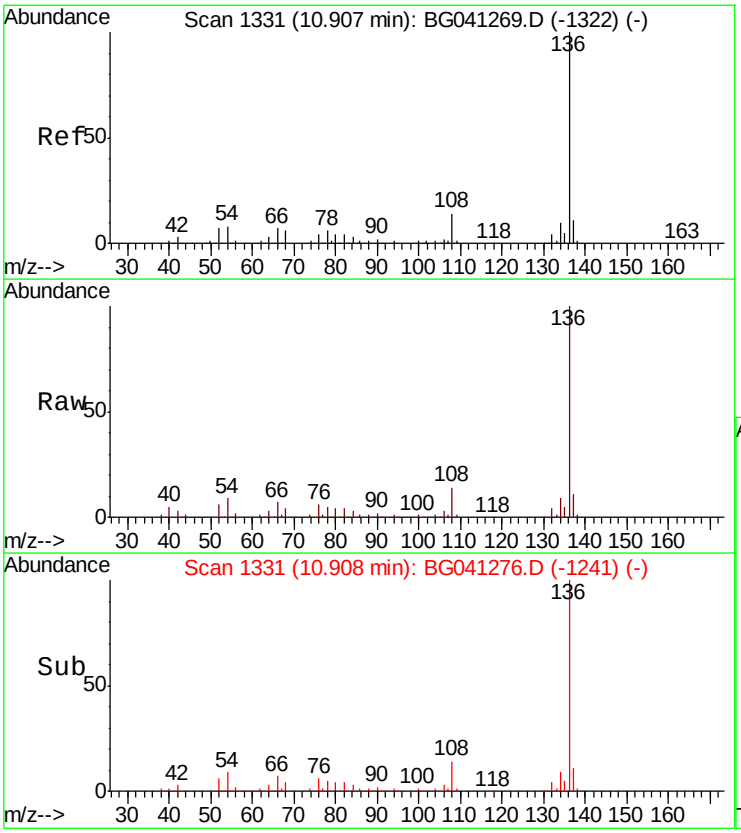
#7
Phenol-d6
Concen: 81.382 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion: 99 Resp: 462640

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	46.1	36.4	54.6

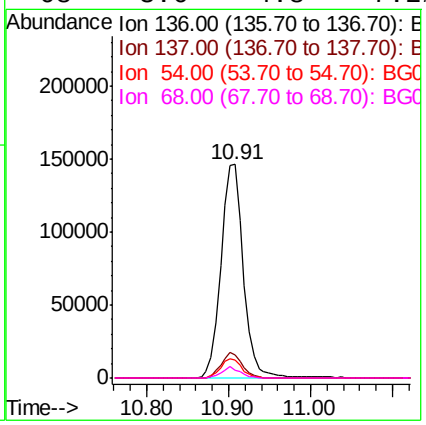


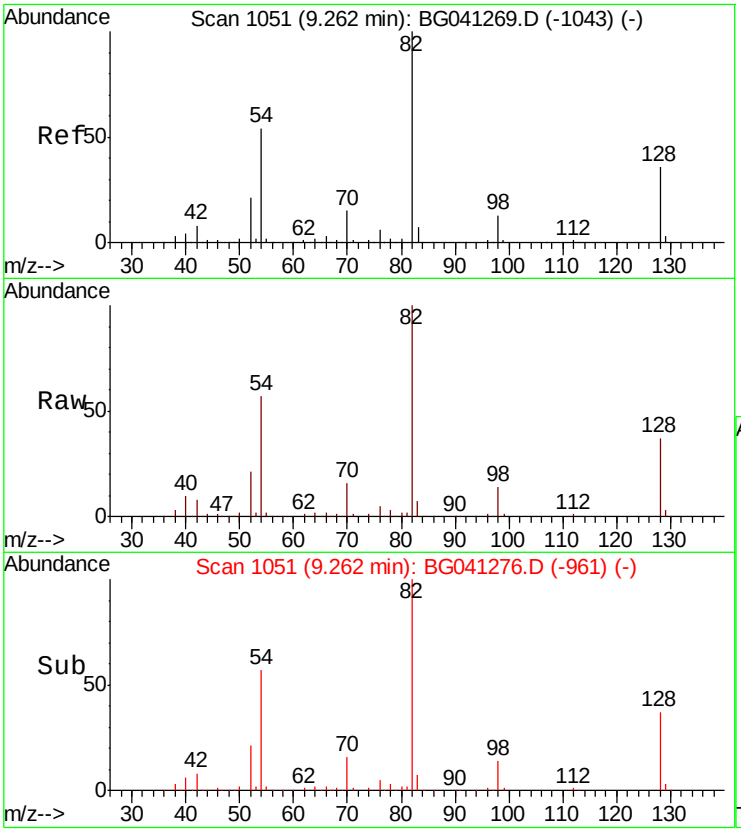


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:136 Resp: 278859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	6.4	9.6
68	3.6	4.8	7.2#



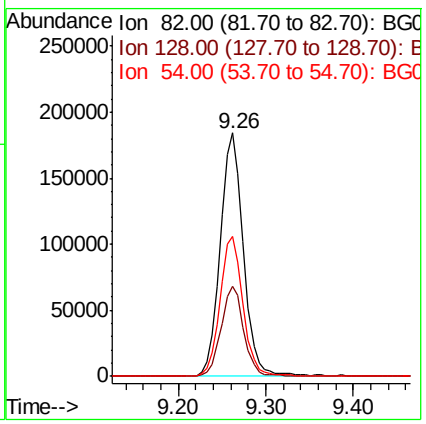


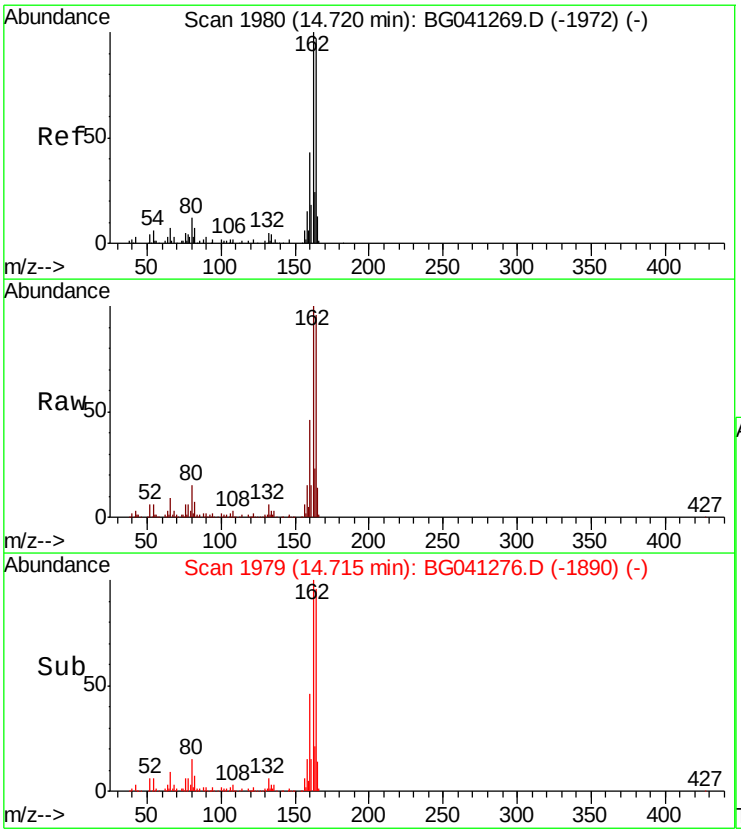
#23
Nitrobenzene-d5
Concen: 50.736 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion: 82 Resp: 336413

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.2	43.8
54	57.3	43.4	65.0

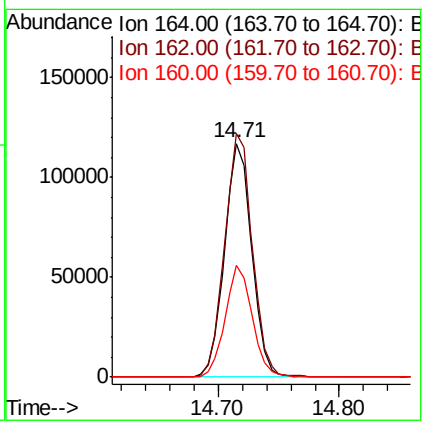


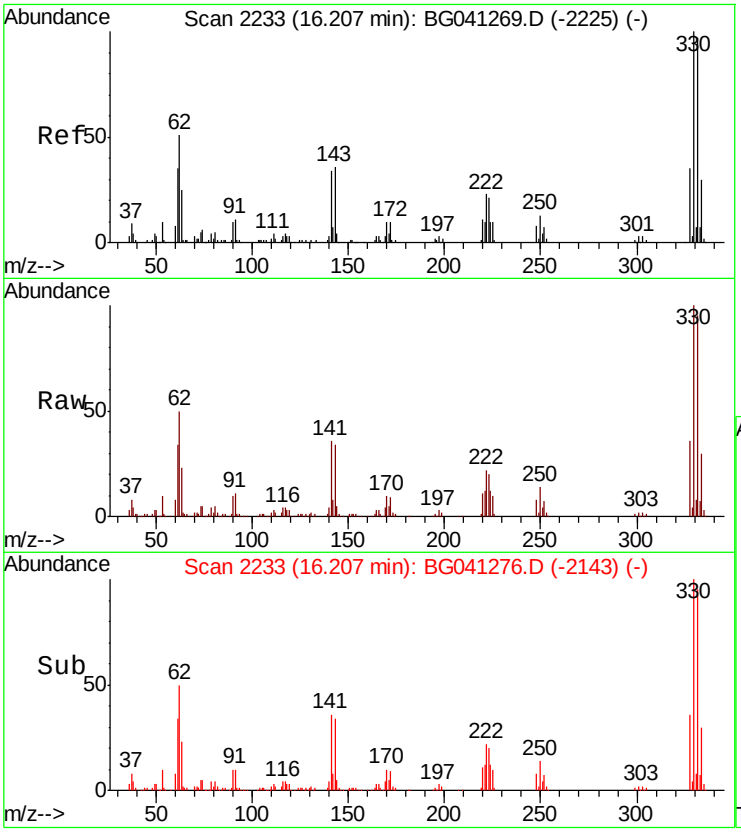


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:164 Resp: 183090

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.8	124.2
160	47.7	35.8	53.8



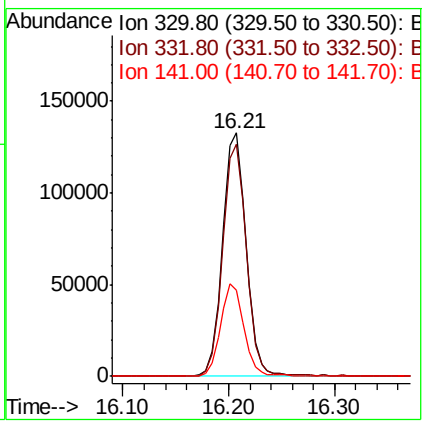


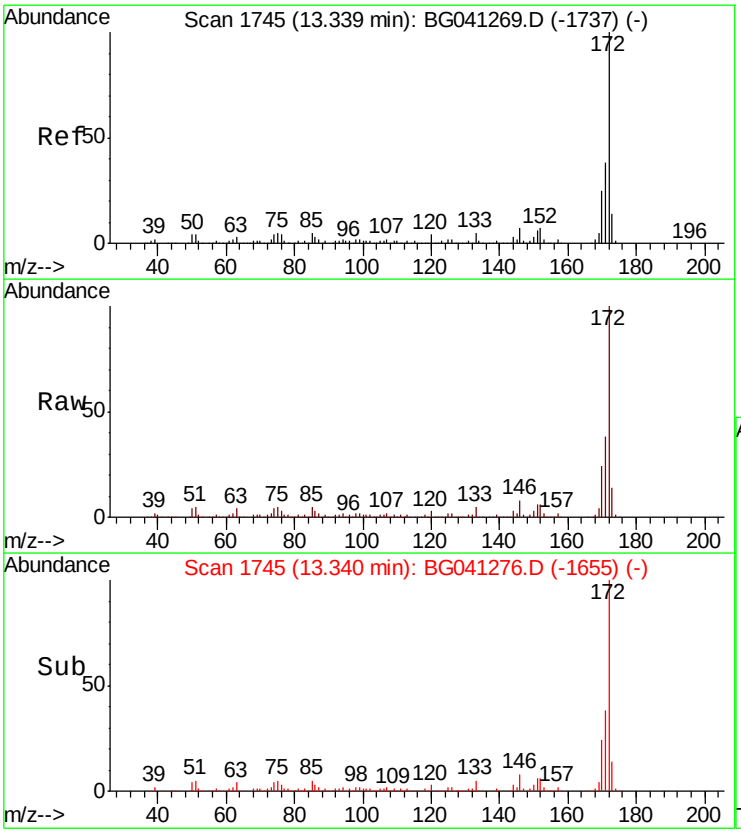
#42
2,4,6-Tribromophenol
Concen: 73.016 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:330 Resp: 205237

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	38.0	29.0	43.4

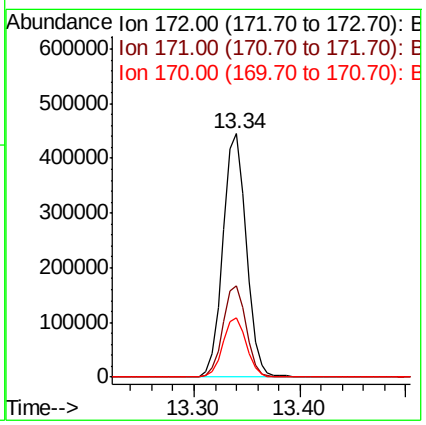


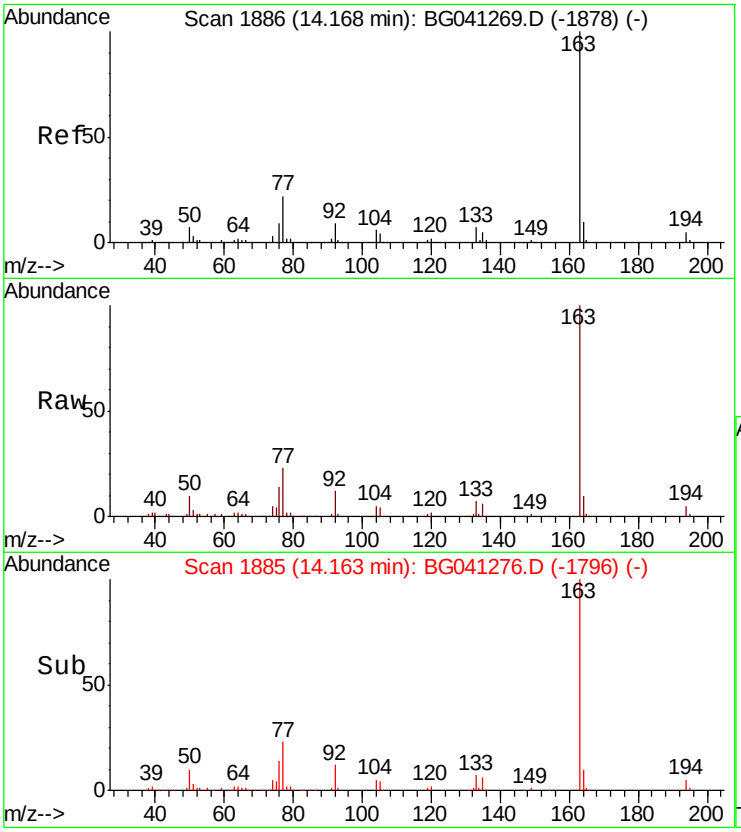


#45
2-Fluorobiphenyl
Concen: 50.684 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:172 Resp: 682751

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	19.8	29.6



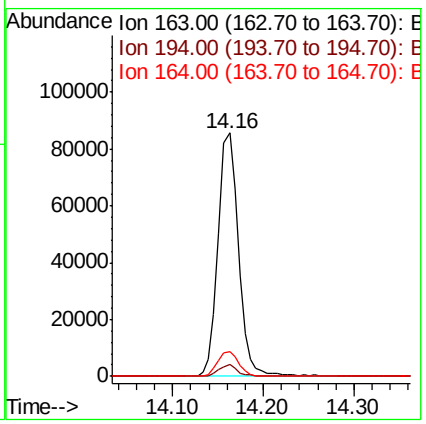


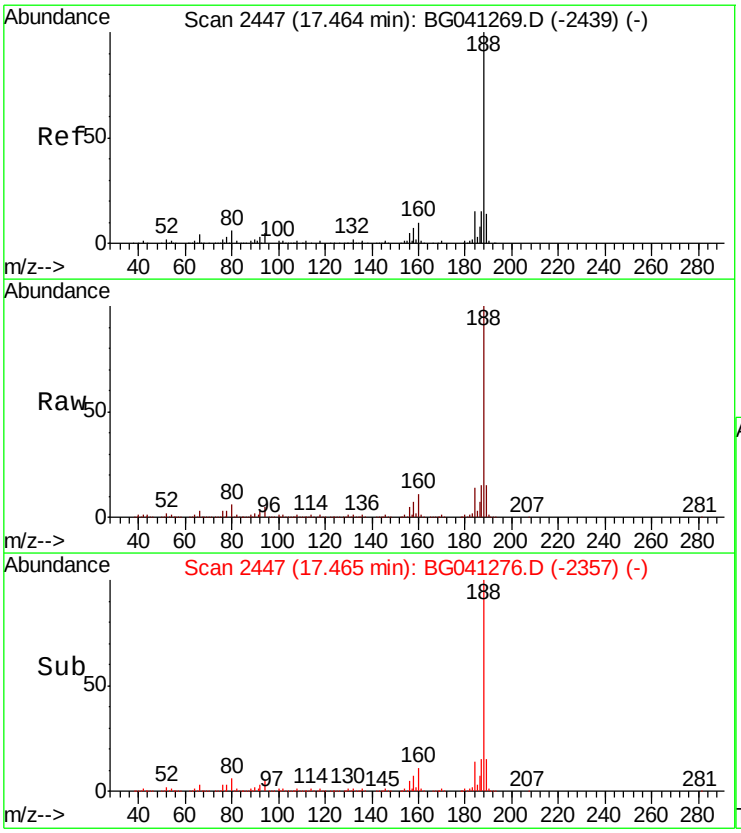
#50
Dimethylphthalate
Concen: 8.246 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:163 Resp: 134340

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.9	5.9
164	10.1	8.3	12.5

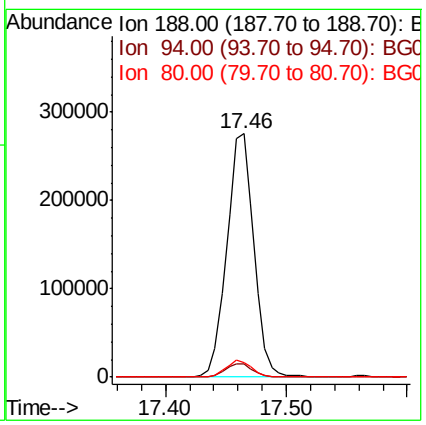


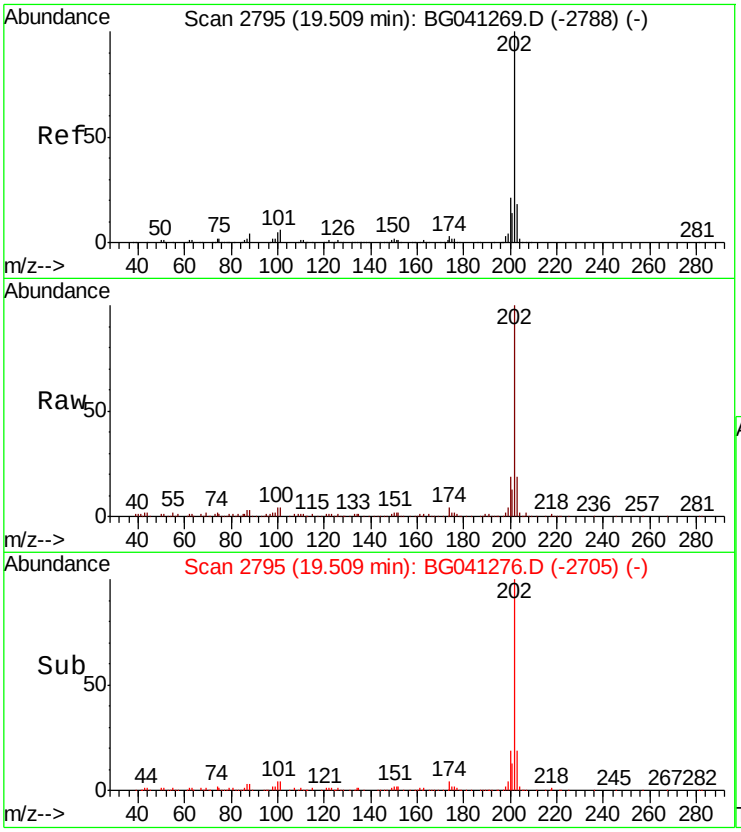


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:188 Resp: 427640

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	6.0	4.8	7.2



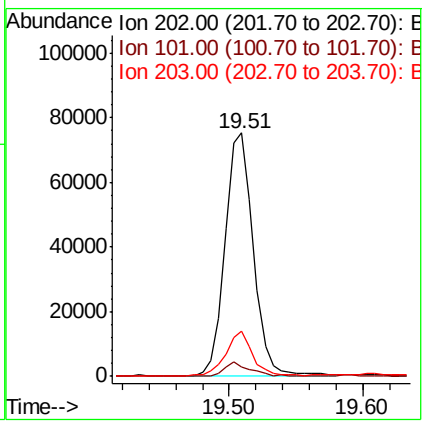


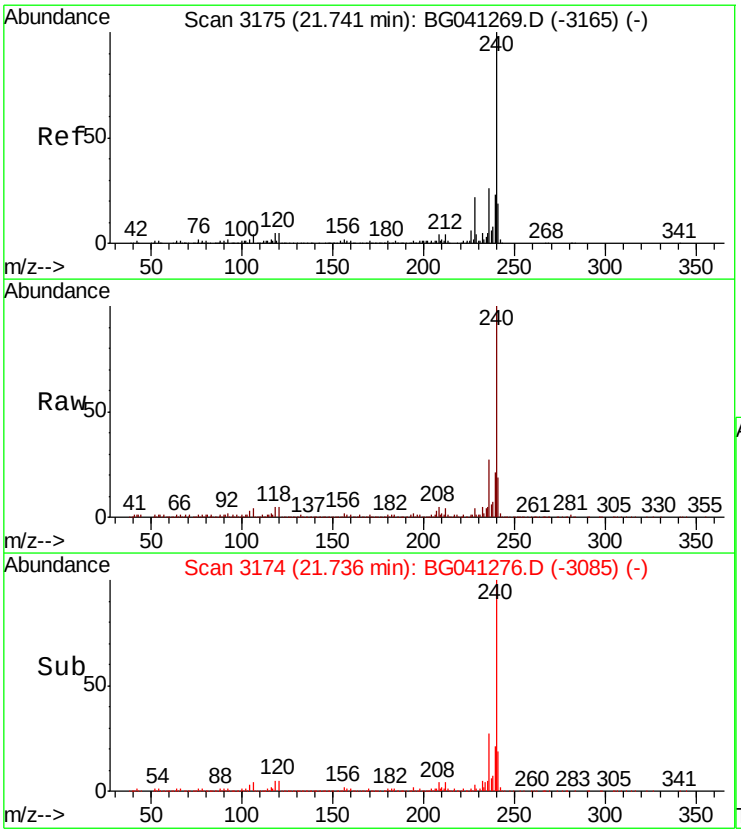
#75
Fluoranthene
Concen: 3.715 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:202 Resp: 112559

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	26.0
203	18.7	0.0	37.7

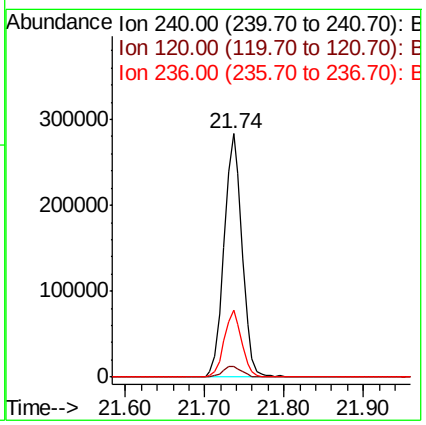


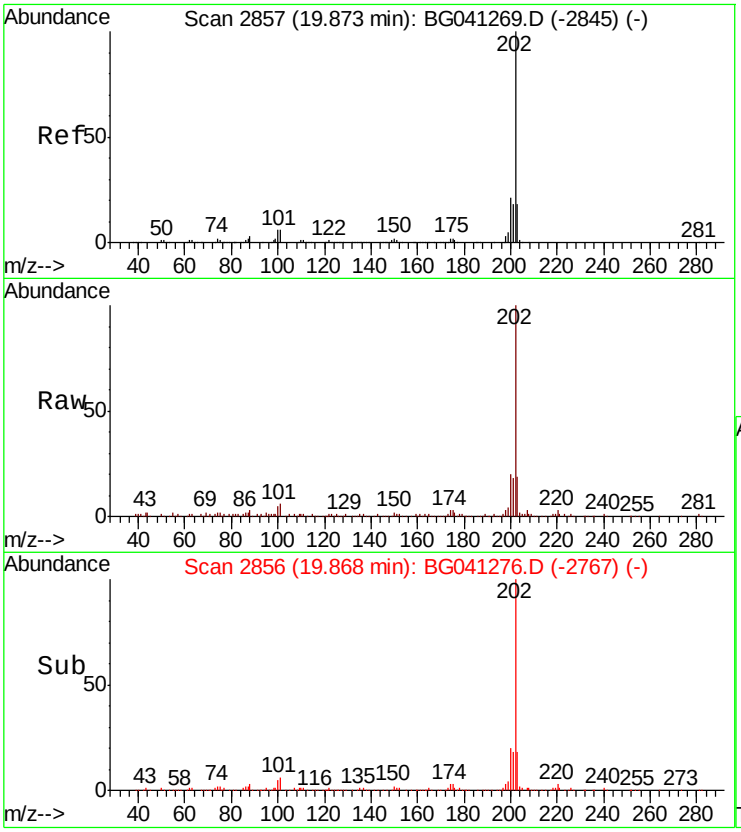


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:240 Resp: 444304

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.7	5.5
236	27.4	21.1	31.7



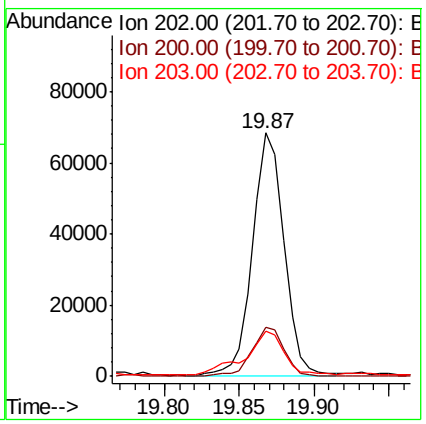


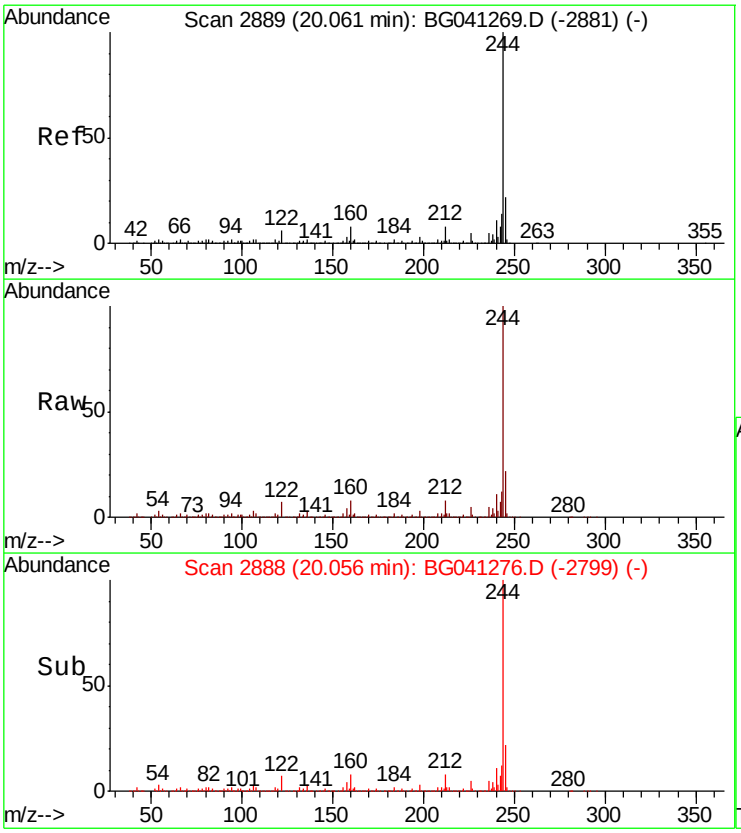
#78
Pyrene
Concen: 3.296 ng
RT: 19.87 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:202 Resp: 98758

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	18.6	14.6	21.8

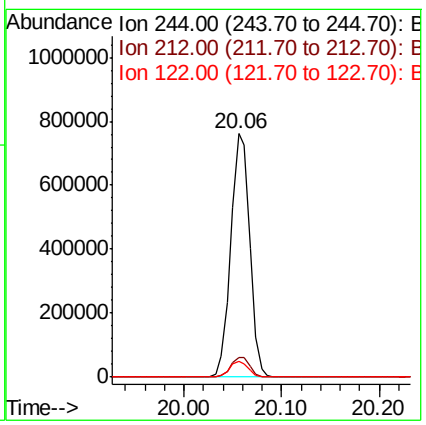


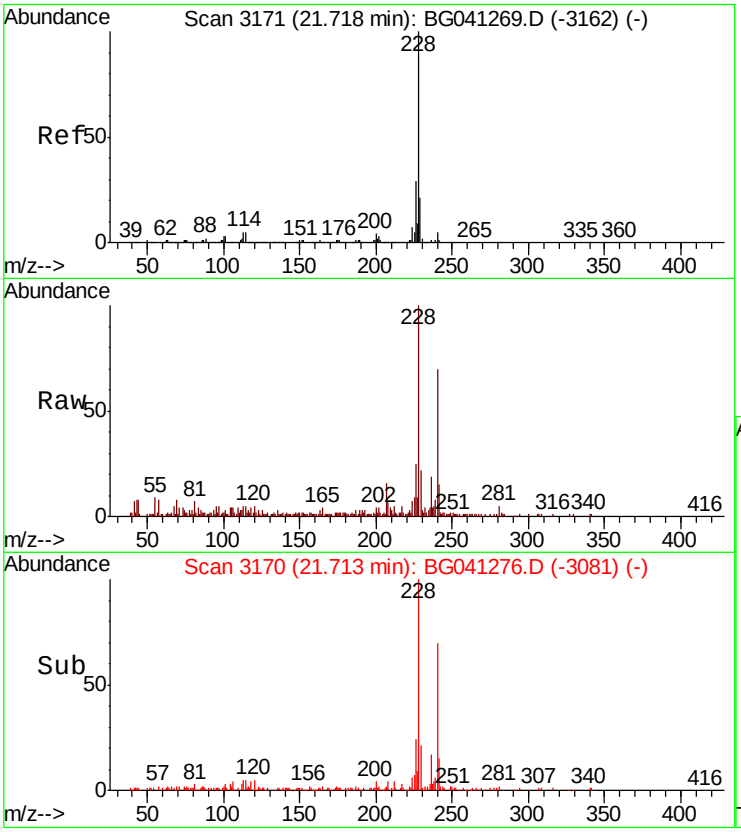


#79
Terphenyl-d14
Concen: 45.656 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:244 Resp: 1023569

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	6.5	5.0	7.4



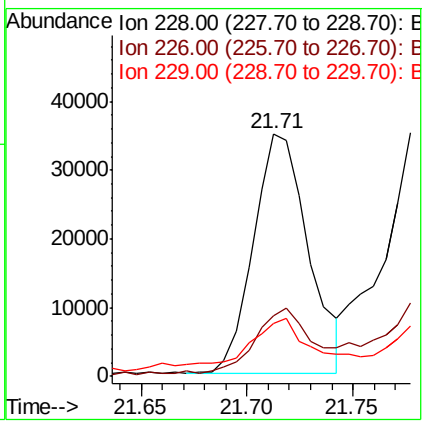


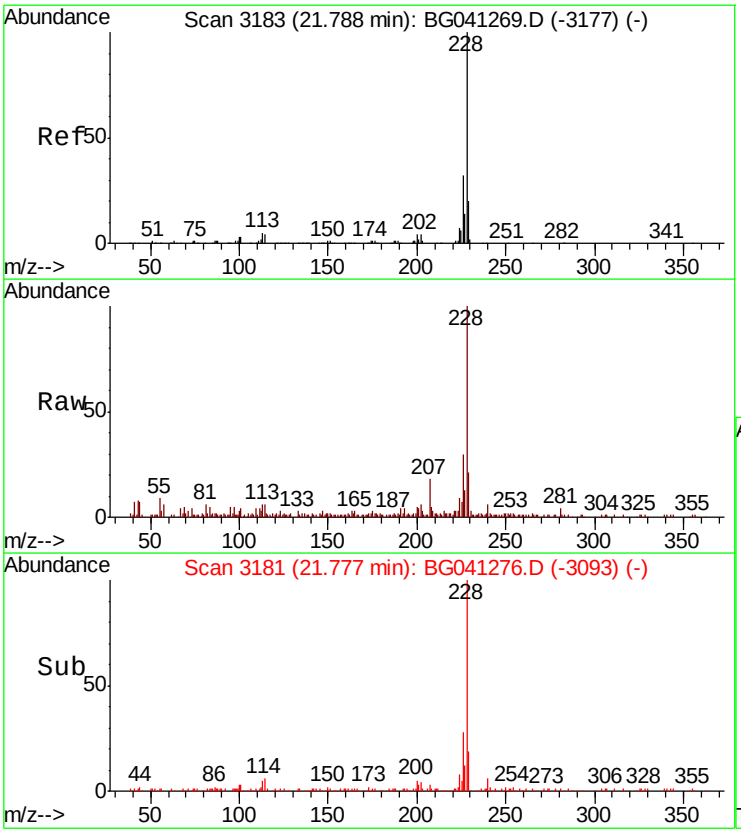
#81
Benzo(a)anthracene
Concen: 2.101 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:228 Resp: 63195

Ion	Ratio	Lower	Upper
228	100		
226	24.7	23.2	34.8
229	21.8	16.8	25.2

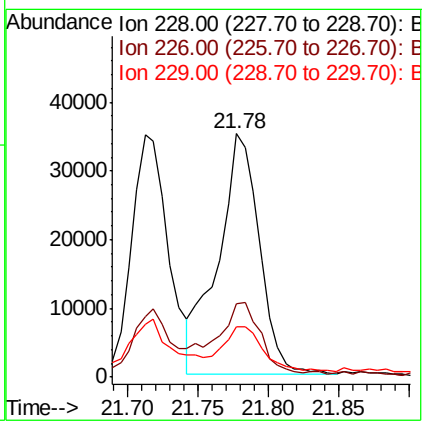


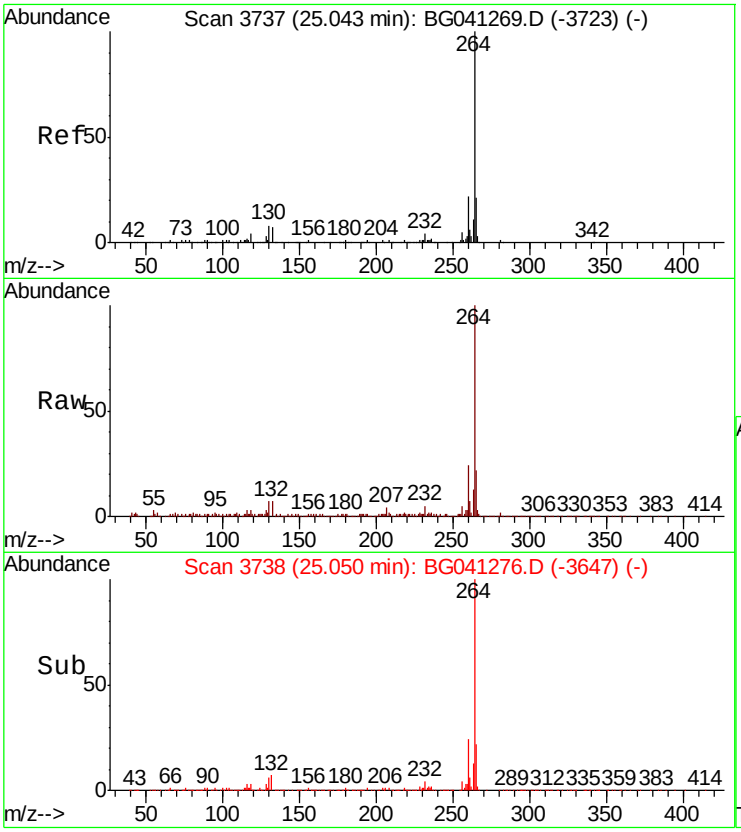


#83
Chrysene
Concen: 2.467 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:228 Resp: 71370

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	20.8	16.2	24.2



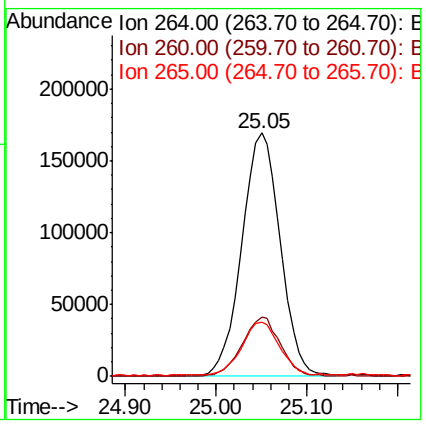


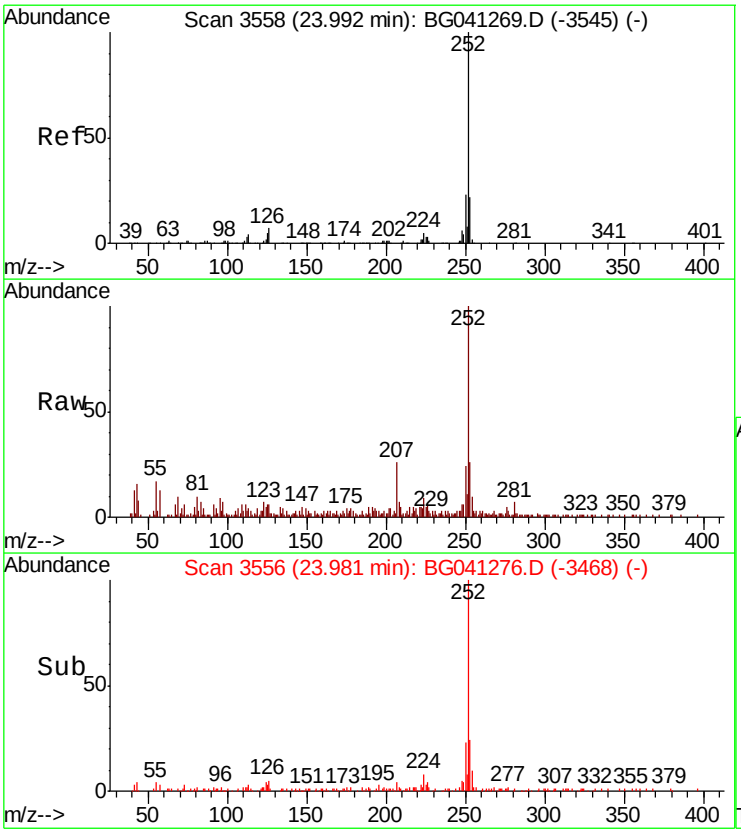
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:264 Resp: 496016

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.2
265	22.0	17.2	25.8

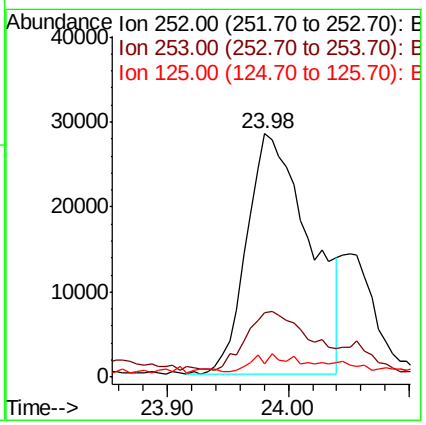


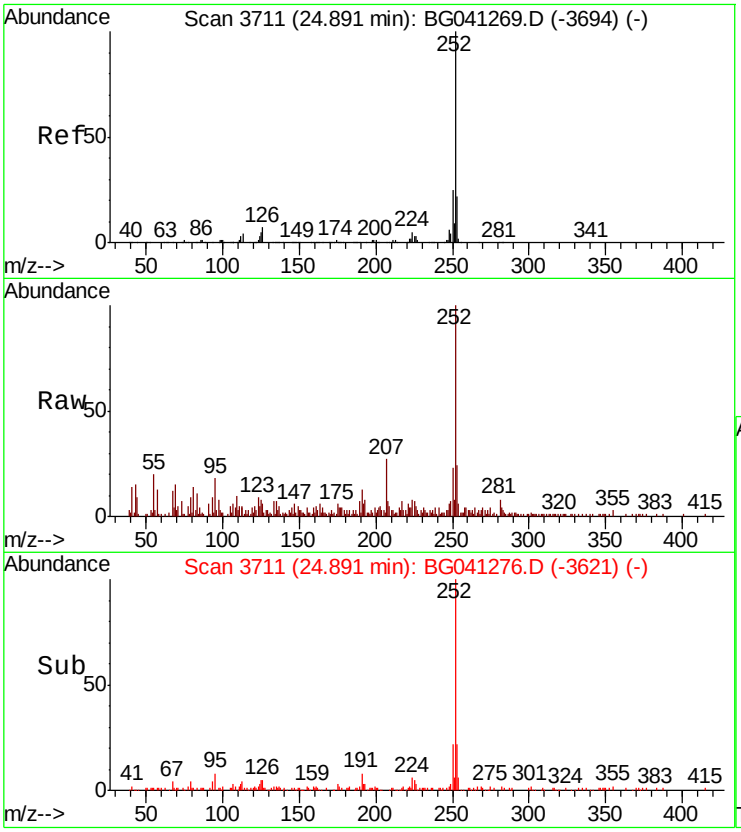


#88
Benzo(b)fluoranthene
Concen: 3.308 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Tgt Ion:252 Resp: 101688

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.0#
125	5.5	3.9	5.9





#90
Benzo(a)pyrene
Concen: 2.386 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG041276.D
Acq: 17 Jun 2019 17:09

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tgt Ion:252 Resp: 69267

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.2	4.2	6.4#