Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Time: Oct 19 10:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	89639	20.00	ng		-0.04
21) Naphthalene-d8	8.110	136	312091	20.00	ng		-0.04
38) Acenaphthene-d10	9.863	164	110554	20.00	ng		-0.04
63) Phenanthrene-d10	11.351	188	188855	20.00	ng		-0.04
75) Chrysene-d12	13.998	240	188103	20.00	ng		-0.04
86) Perylene-d12	15.468	264	152812	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	134872	23.95	ng		-0.03
7) Phenol-d6	6.469	99	153379	22.08	ng		-0.03
23) Nitrobenzene-d5	7.392	82	77735	15.97	ng		-0.04
41) 2,4,6-Tribromophenol	10.657	330	20193	22.32	ng		-0.04
44) 2-Fluorobiphenyl	9.180	172	142542	21.52	ng		-0.05
78) Terphenyl-d14	12.933	244	120175	14.53	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	9388	2.12	ng	#	75
25) Isophorone	7.392	82	77733	7.73	ng	#	64
37) 2-Methylnaphthalene	8.822	142	19662	2.06	ng		96
48) Acenaphthylene	9.727	152	70368	6.44	ng		98
50) 2,6-Dinitrotoluene	9.863	165	15345	8.45	ng	#	24
57) Fluorene	10.410	166	36891	4.98	ng		99
70) Phenanthrene	11.374	178	249556	24.69	ng		99
71) Anthracene	11.427	178	85037	8.22	ng		98
74) Fluoranthene	12.568	202	308563	30.14	ng		99
77) Pyrene	12.798	202	461236	32.16	ng		99
80) Benzo(a)anthracene	13.986	228	193922	17.03	ng		95
82) Chrysene	14.021	228	190601	17.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.945	276	51768	5.97	ng		98
87) Benzo(b)fluoranthene	15.039	252	184621	19.65	ng	#	93
88) Benzo(k)fluoranthene	15.039	252	184621	19.89	ng	#	96
89) Benzo(a)pyrene	15.404	252	115970	13.45	ng	#	94
90) Dibenzo(a,h)anthracene	16.939	278	16332	2.37	ng	#	66
91) Benzo(g,h,i)perylene	17.392	276	55778	8.18	ng	#	91

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

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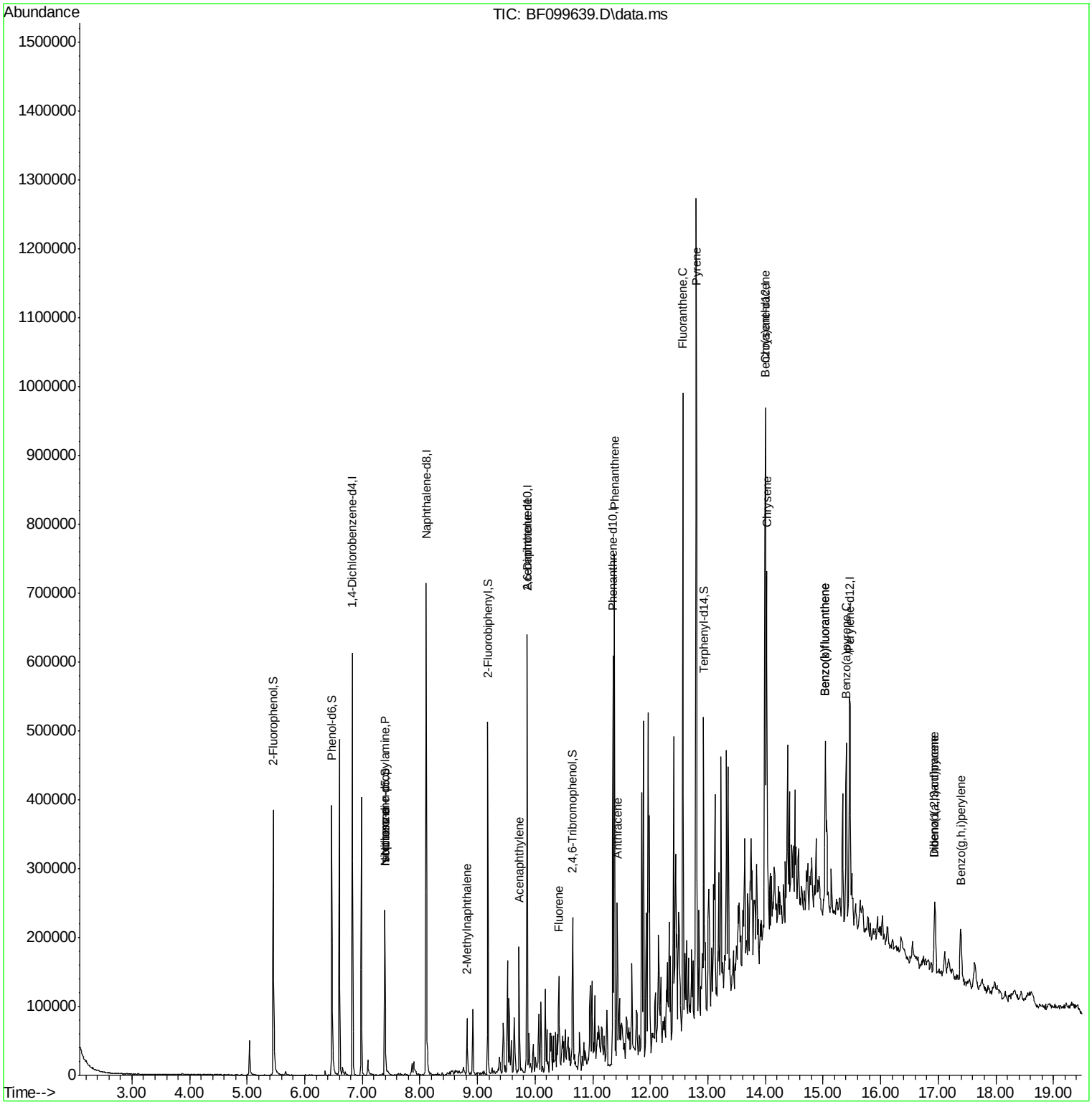
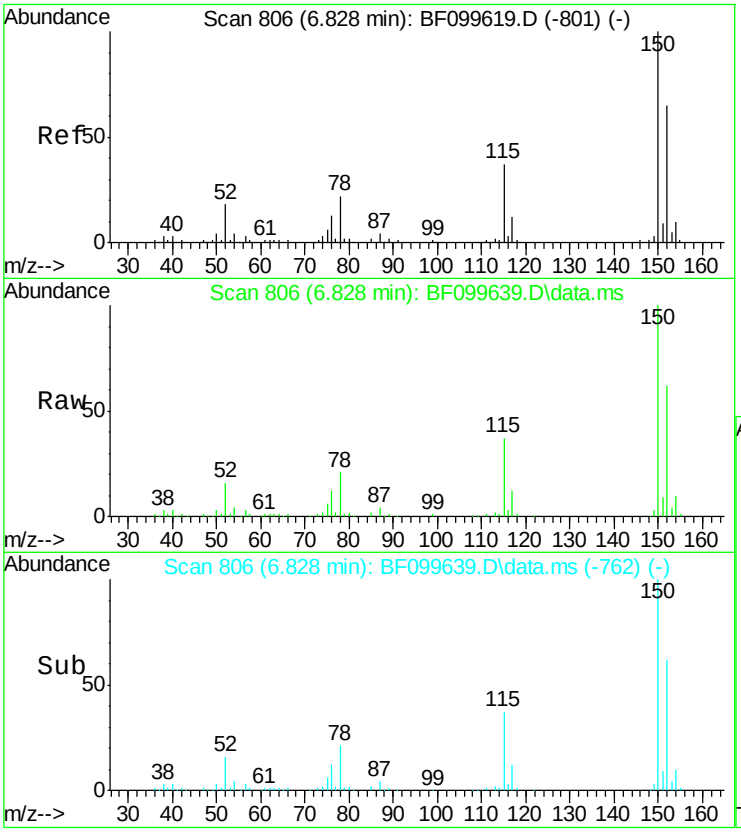


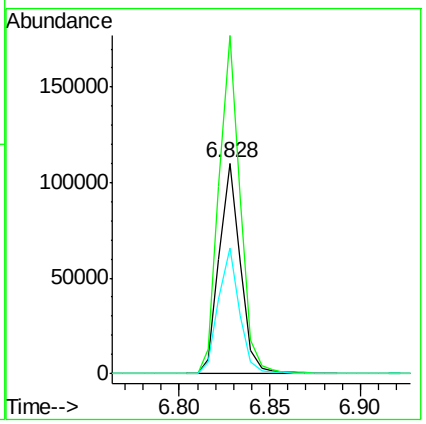


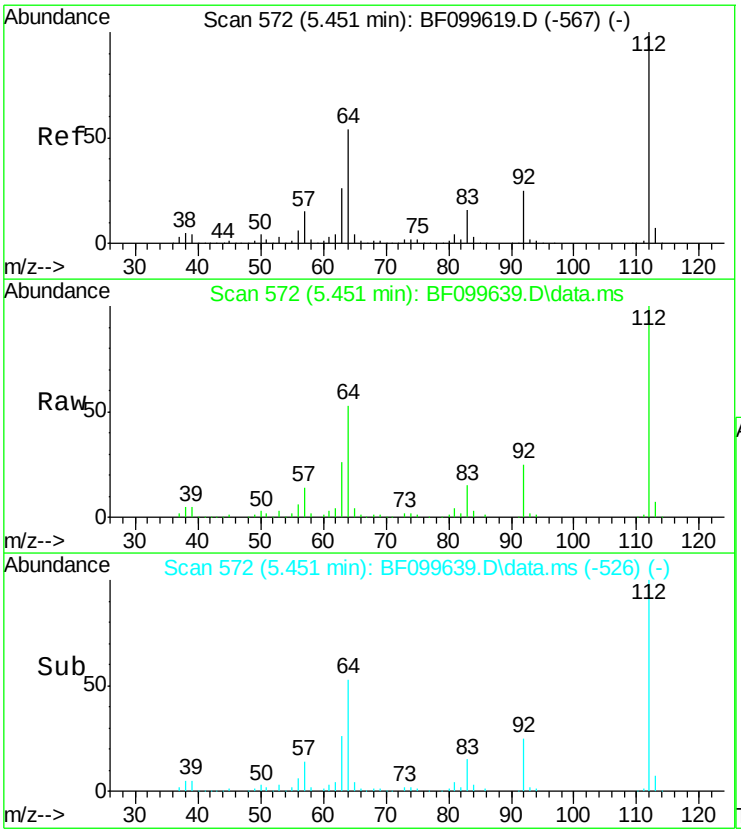
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:152 Resp: 89639

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	59.3	50.1	75.1

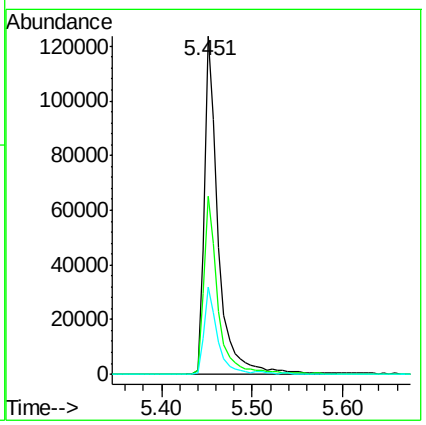


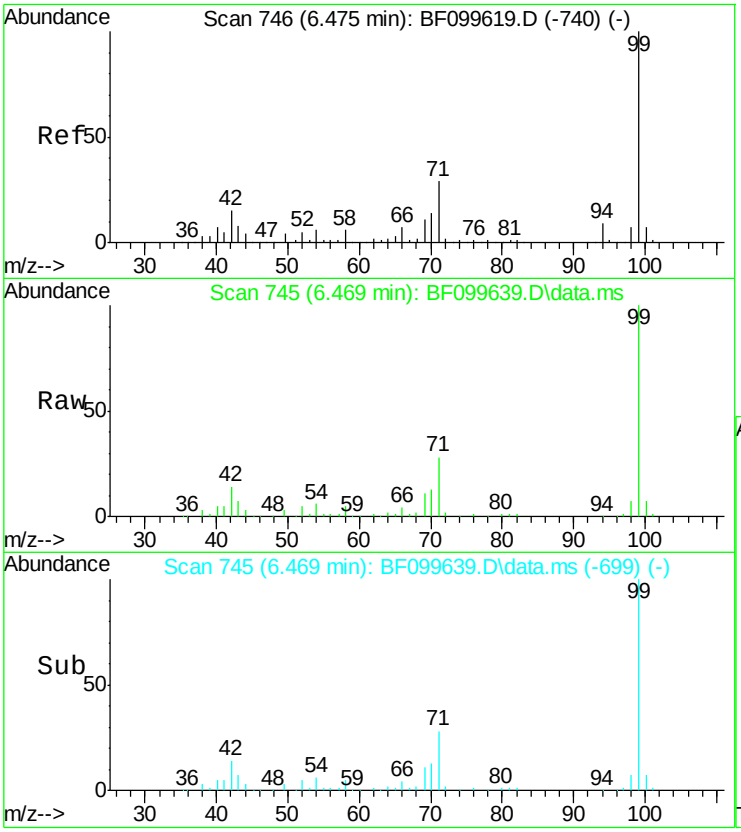


#5
2-Fluorophenol
Concen: 23.95 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.029 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:112 Resp: 134872

Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	25.7	23.7	35.5



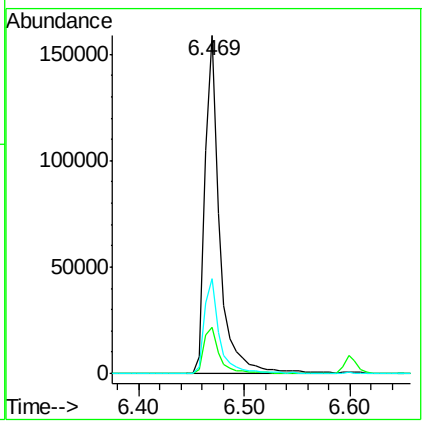


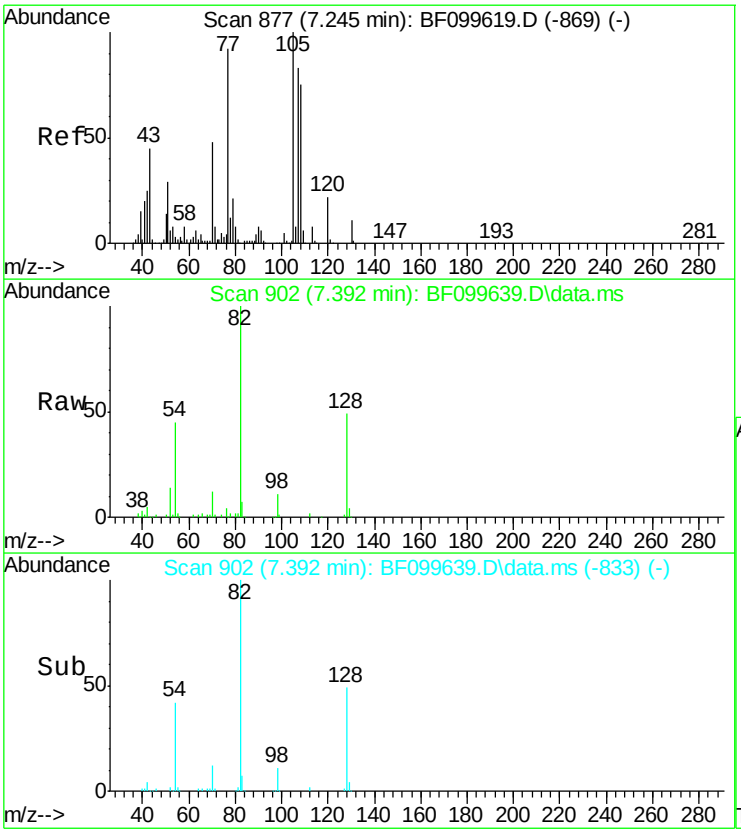
#7
Phenol-d6
Concen: 22.08 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.029 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion: 99 Resp: 153379

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	28.0	25.4	38.0

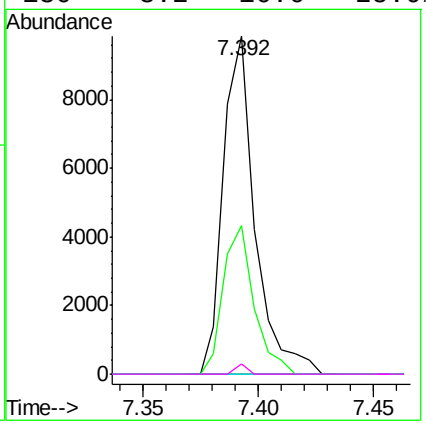


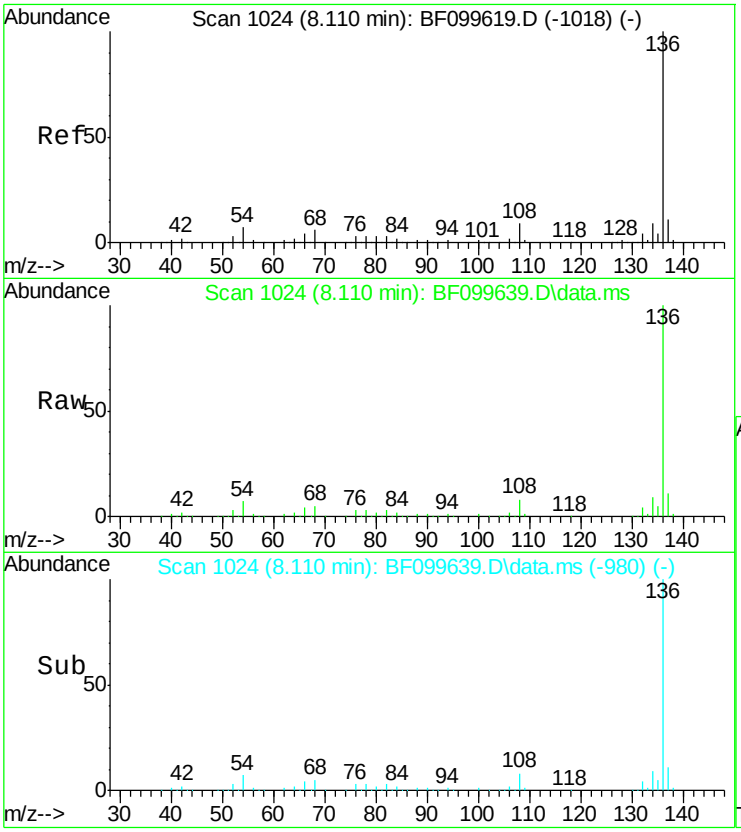


#19
n-Nitroso-di-n-propylamine
Concen: 2.12 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.106 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion: 70 Resp: 9388

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	3.2	16.6	25.0#



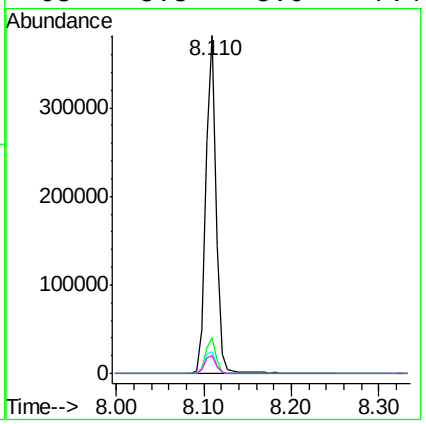


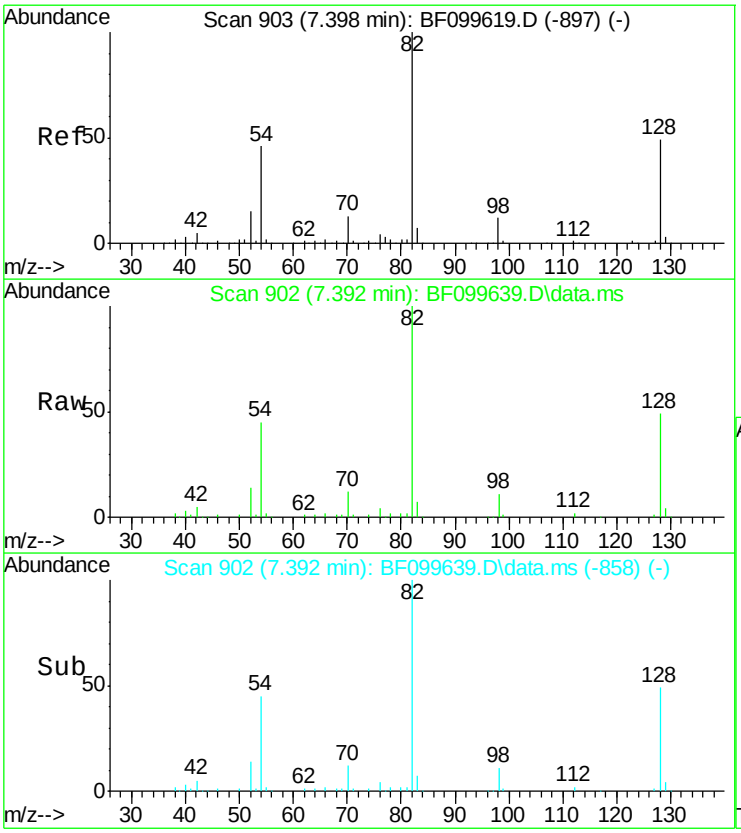
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:136 Resp: 312091

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8
68	5.3	5.0	7.4

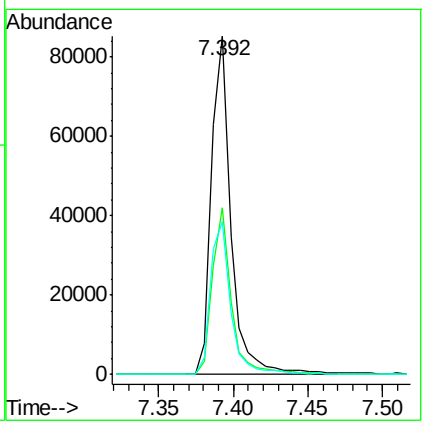


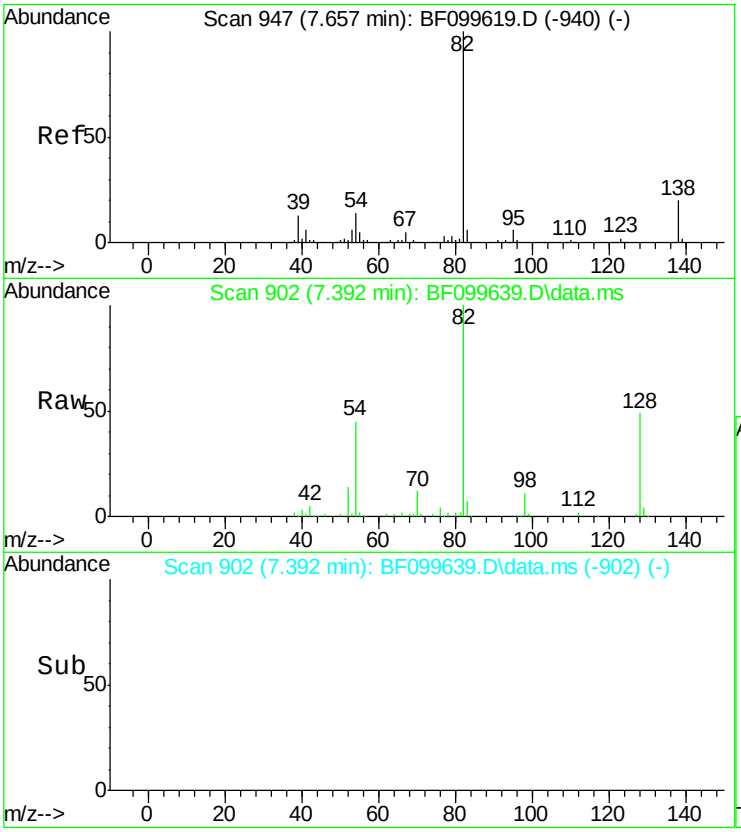


#23
Nitrobenzene-d5
Concen: 15.97 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion: 82 Resp: 77735

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	45.0	41.4	62.2



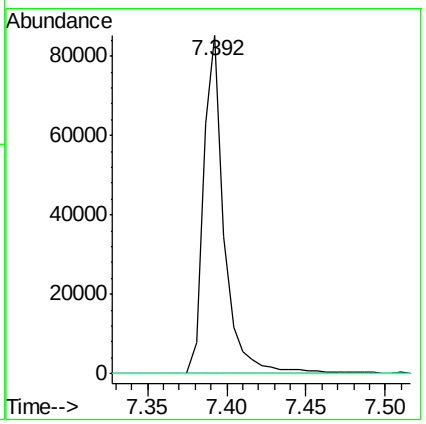


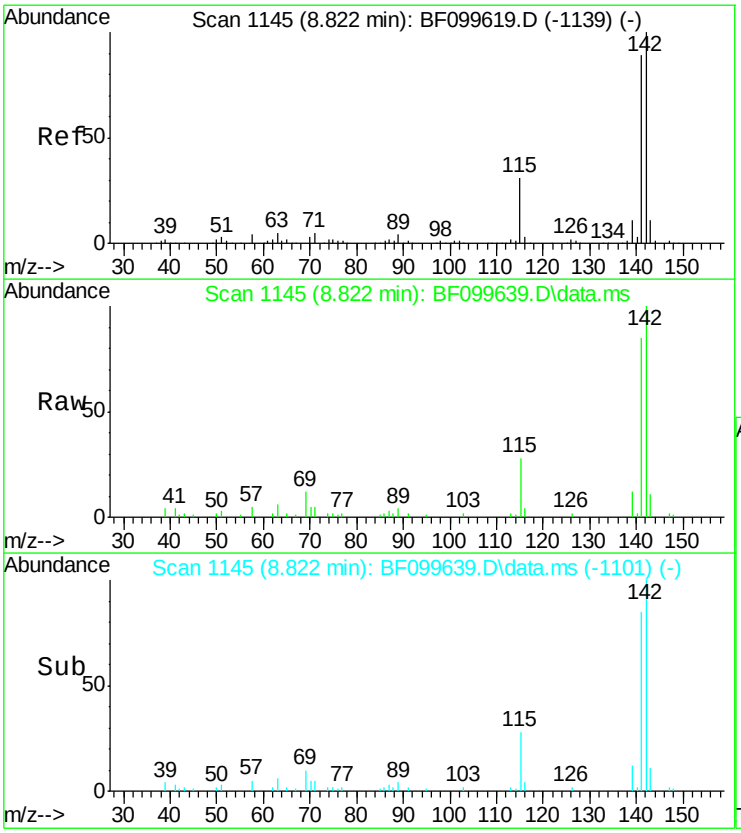
#25
Isophorone
Concen: 7.73 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.300 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion: 82 Resp: 77733

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

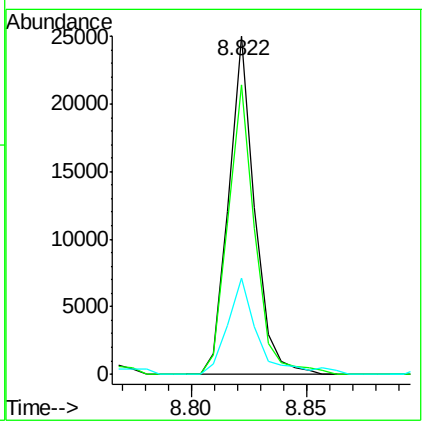


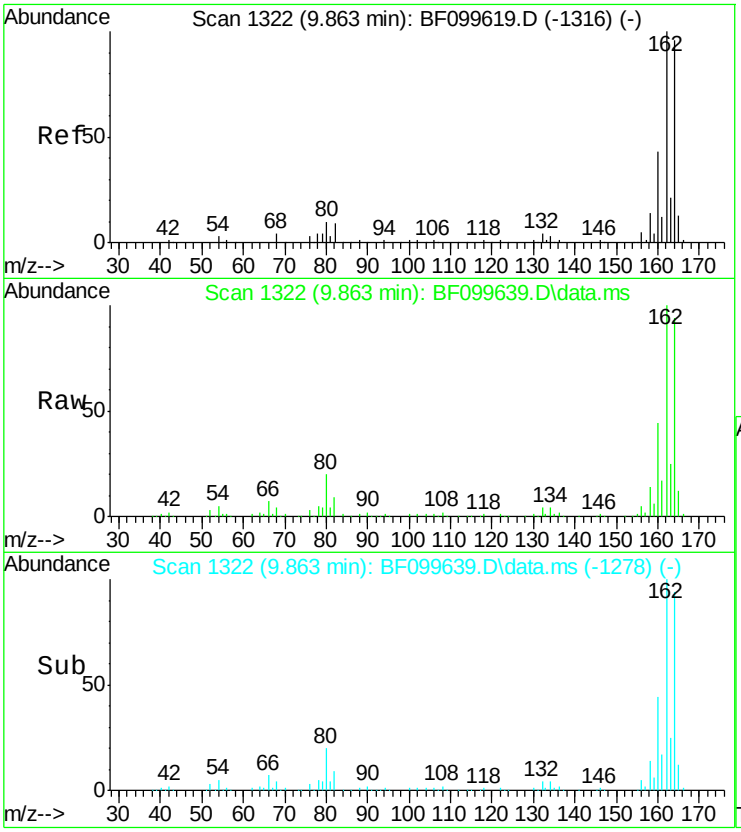


#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:142 Resp: 19662

Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.8	106.2
115	28.4	26.1	39.1



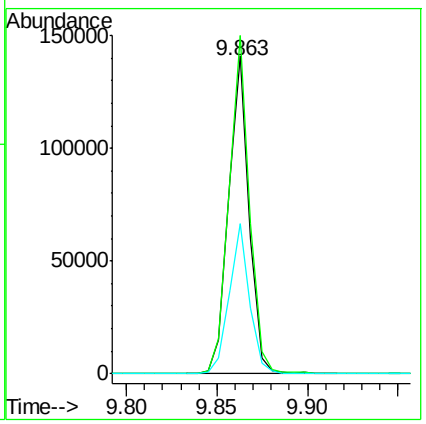


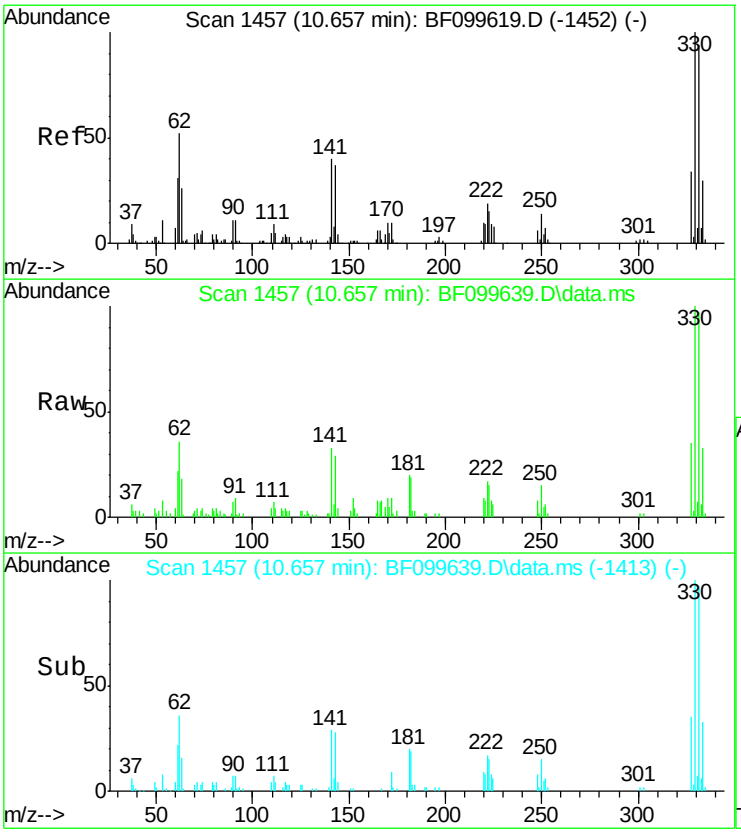
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 13
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:164 Resp: 110554

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.0	38.3	57.5

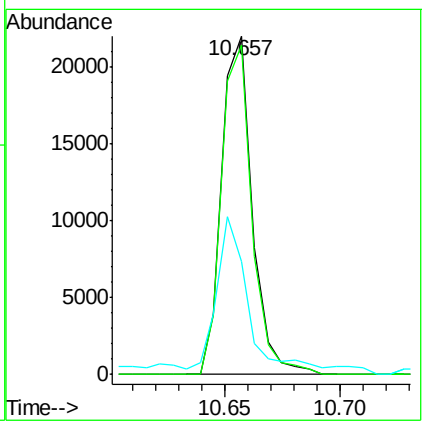


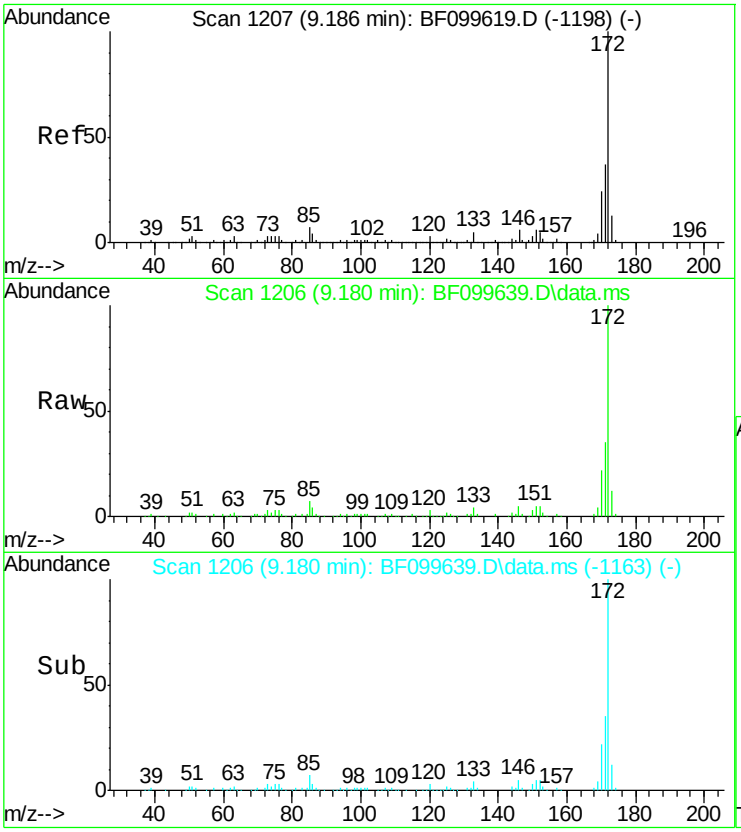


#41
2,4,6-Tribromophenol
Concen: 22.32 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:330 Resp: 20193

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	51.5	29.9	44.9#



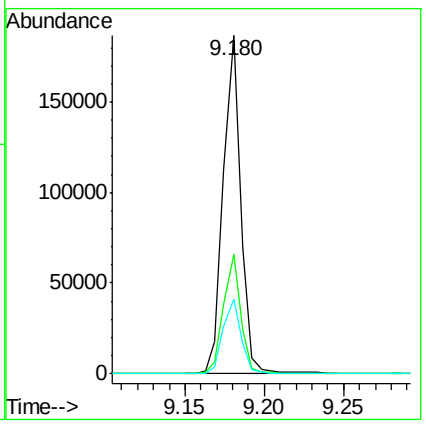


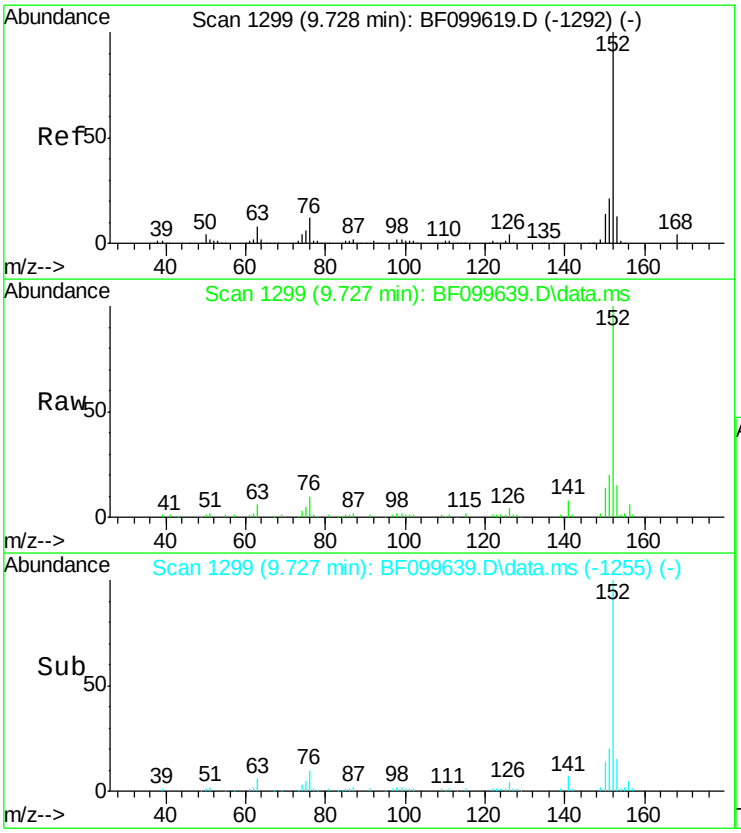
#44
2-Fluorobiphenyl
Concen: 21.52 ng
RT: 9.180 min Scan# 12
Delta R.T. -0.047 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:172 Resp: 142542

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.2	19.6	29.4

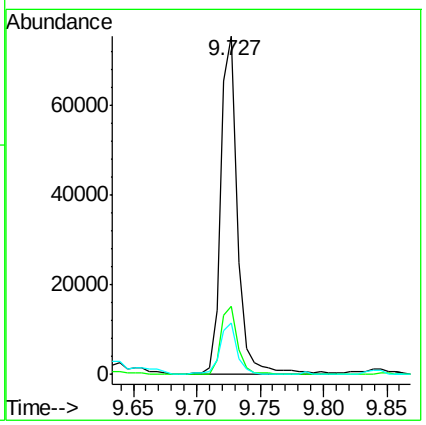


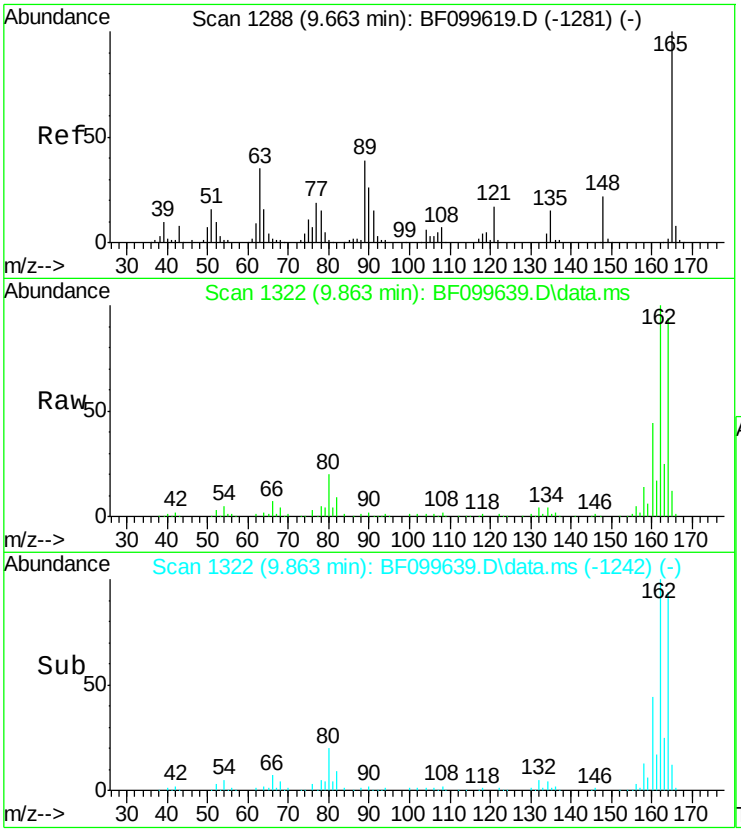


#48
Acenaphthylene
Concen: 6.44 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:152 Resp: 70368

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	15.2	10.7	16.1



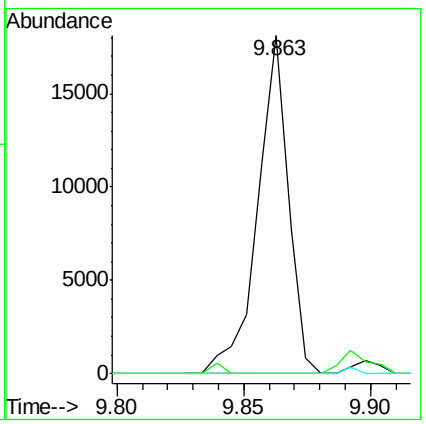


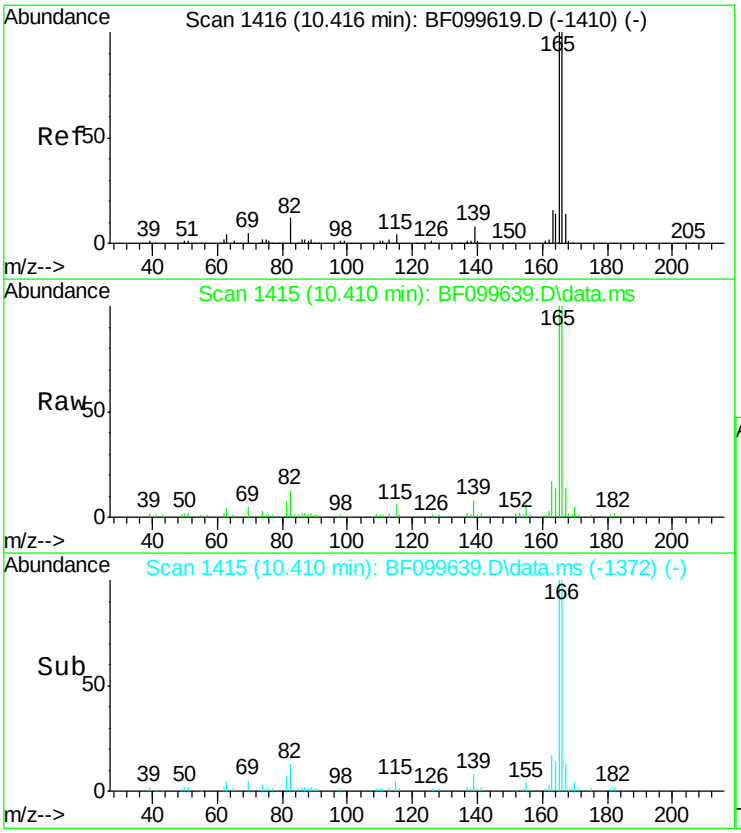
#50
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 9.863 min Scan# 13
Delta R.T. 0.171 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:165 Resp: 15345

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

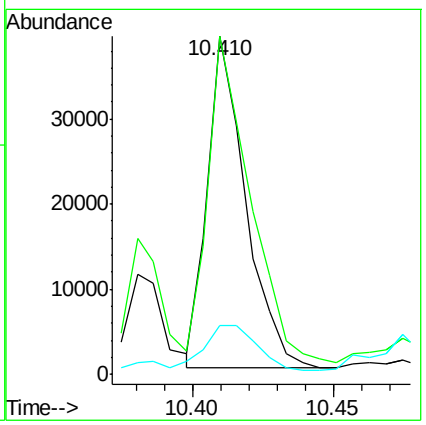


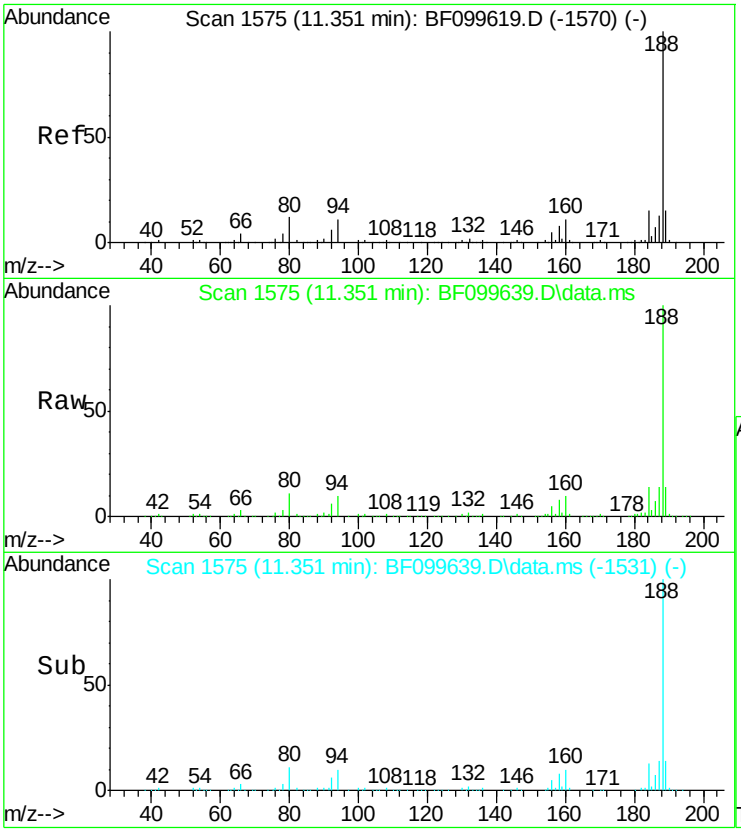


#57
Fluorene
Concen: 4.98 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.047 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:166 Resp: 36891

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	14.3	10.6	16.0



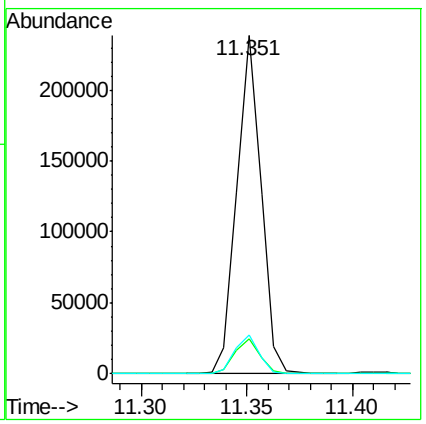


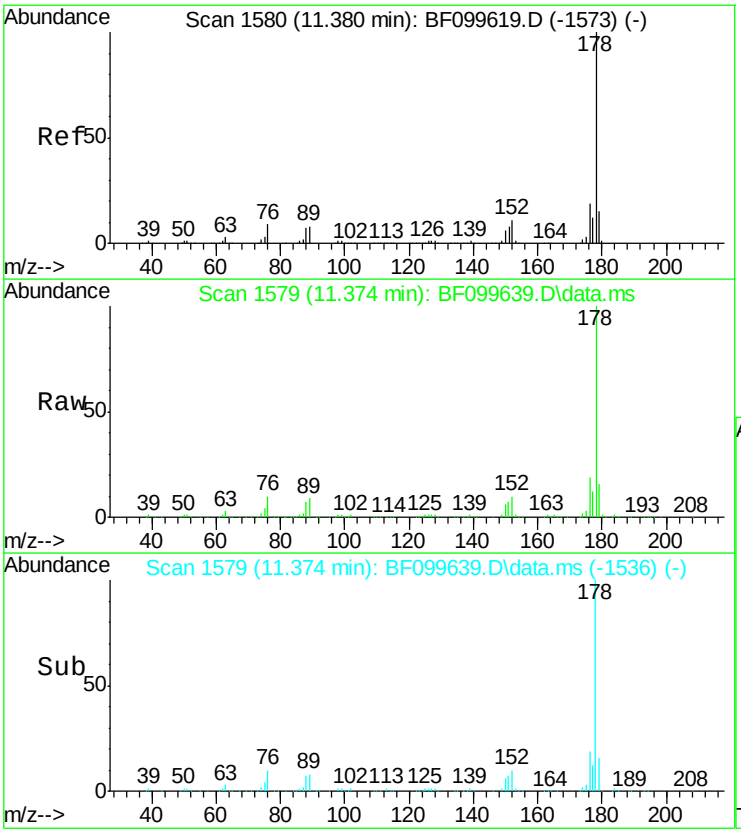
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 15
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:188 Resp: 188855

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

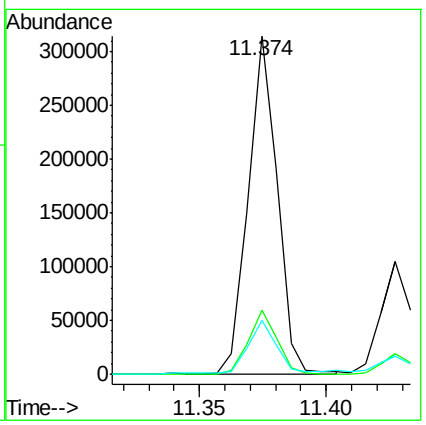


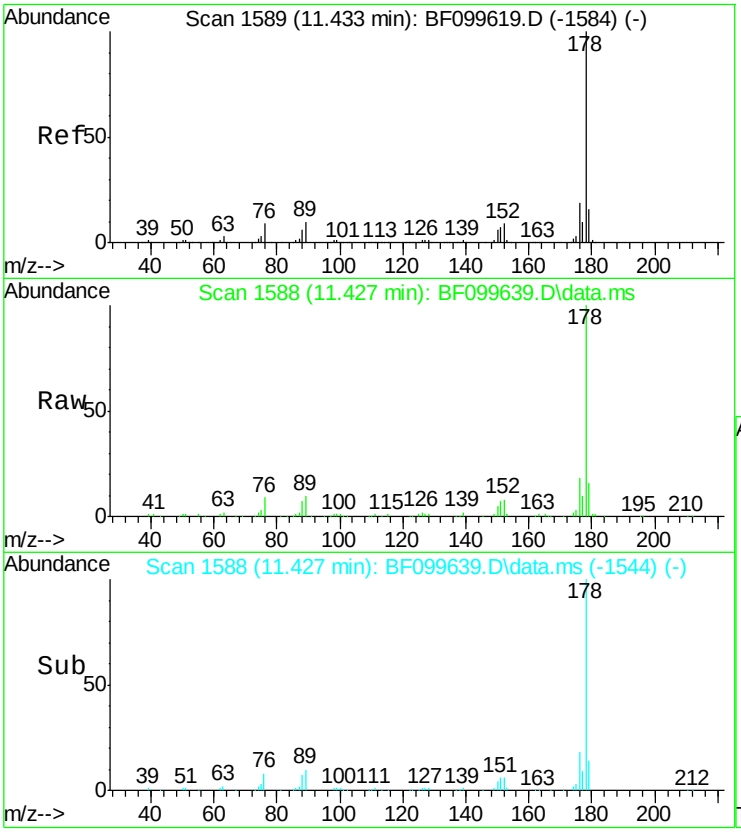


#70
Phenanthrene
Concen: 24.69 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.047 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:178 Resp: 249556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.0	13.0	19.6



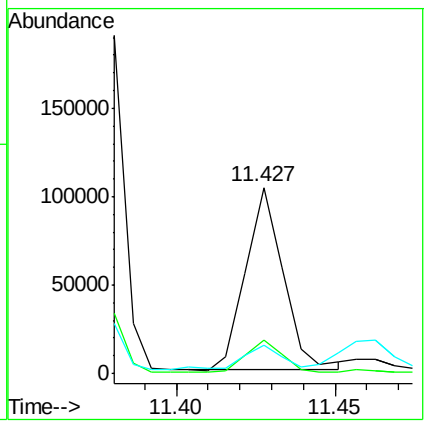


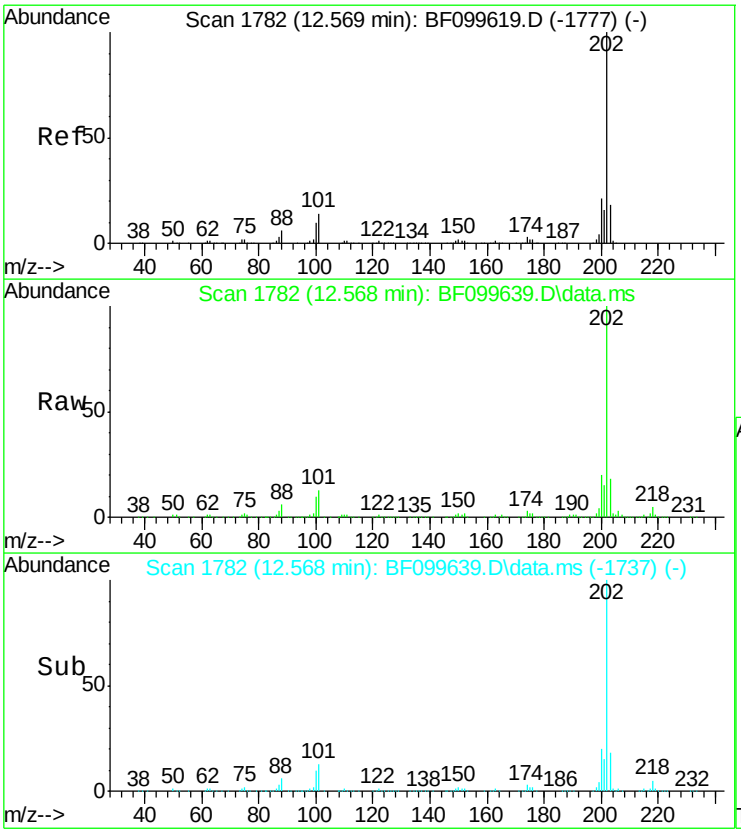
#71
Anthracene
Concen: 8.22 ng
RT: 11.427 min Scan# 15
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:178 Resp: 85037

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.5	12.6	19.0

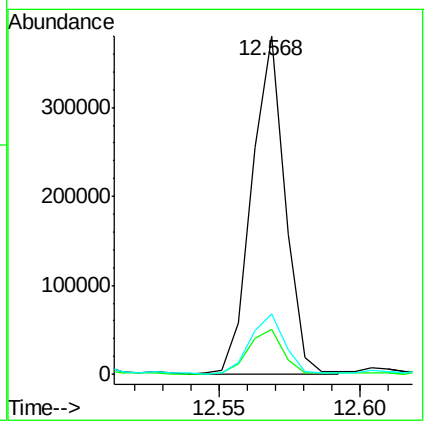


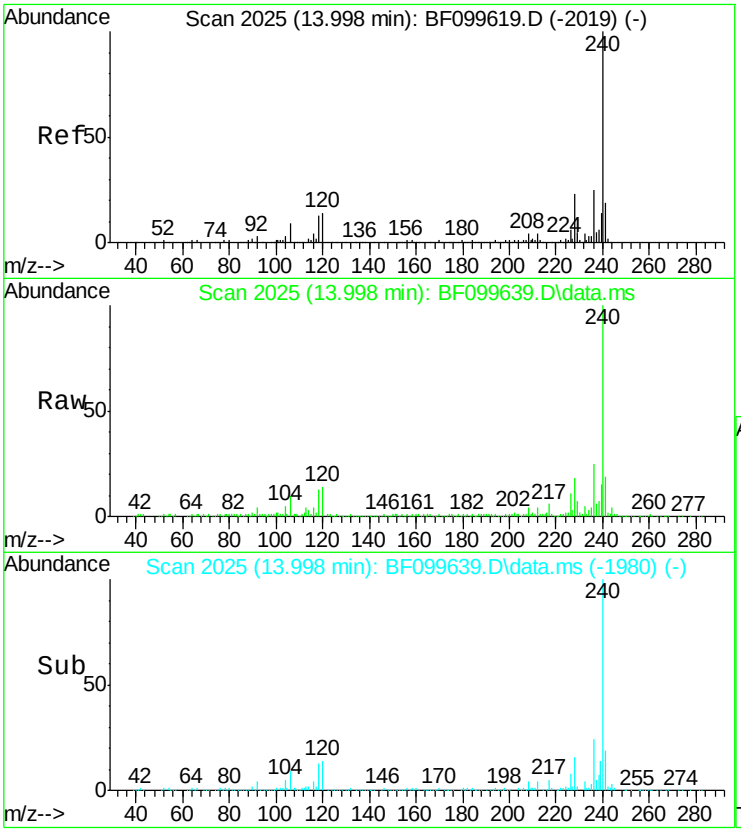


#74
Fluoranthene
Concen: 30.14 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.035 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:202 Resp: 308563

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	18.0	0.0	38.1



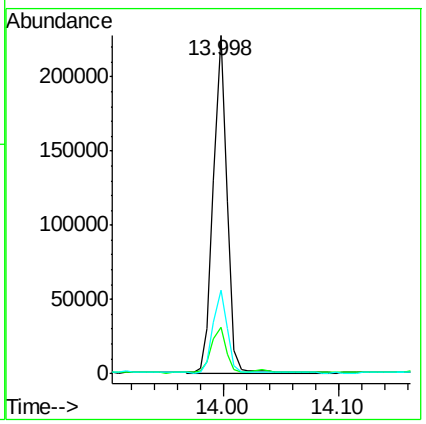


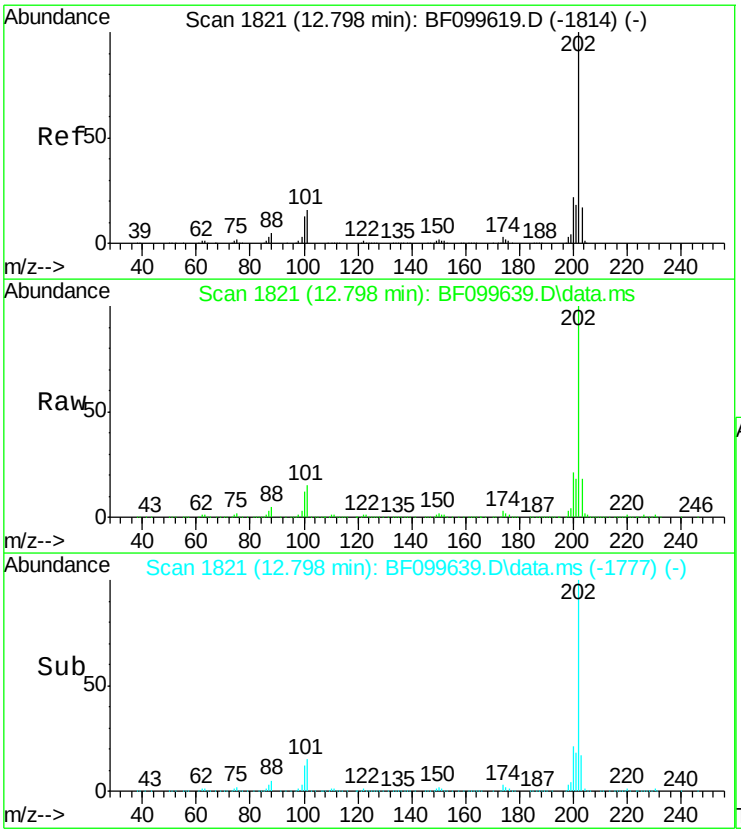
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.035 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:240 Resp: 188103

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	24.8	20.7	31.1

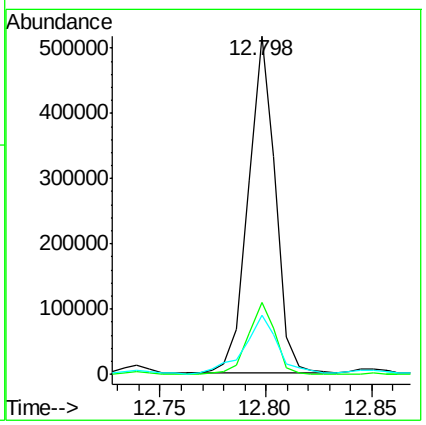


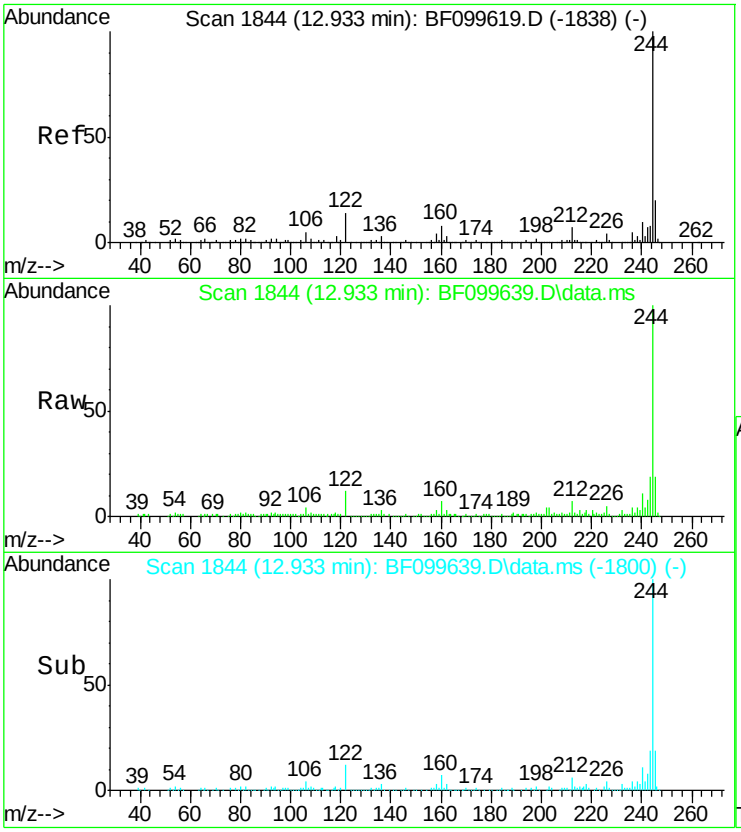


#77
Pyrene
Concen: 32.16 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:202 Resp: 461236

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5



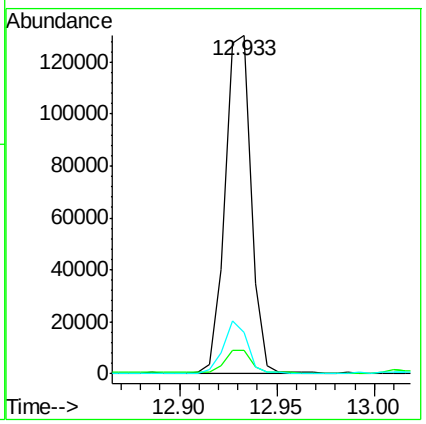


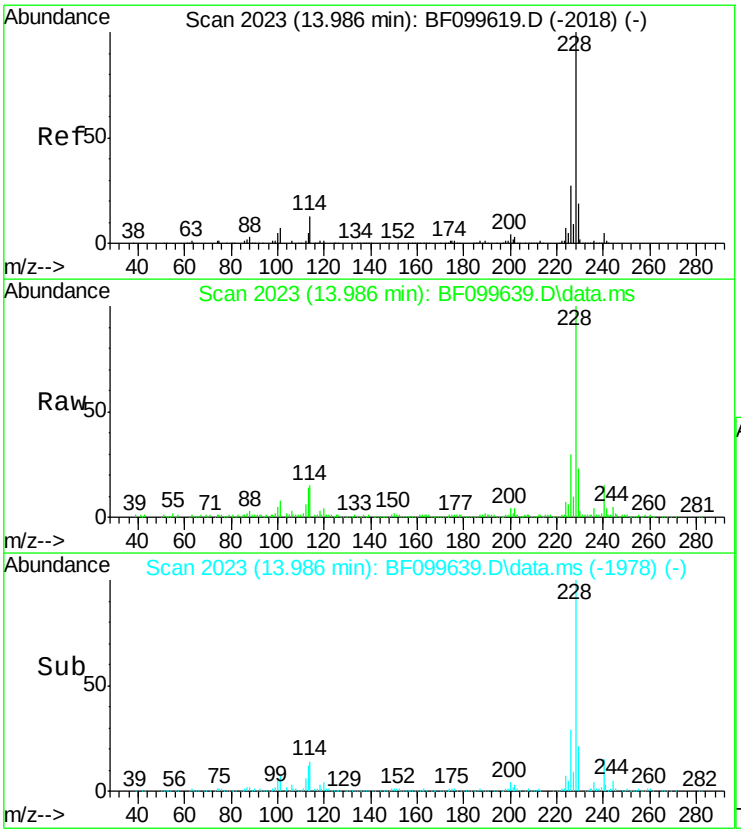
#78
Terphenyl-d14
Concen: 14.53 ng
RT: 12.933 min Scan# 18
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:244 Resp: 120175

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.2	11.0	16.4

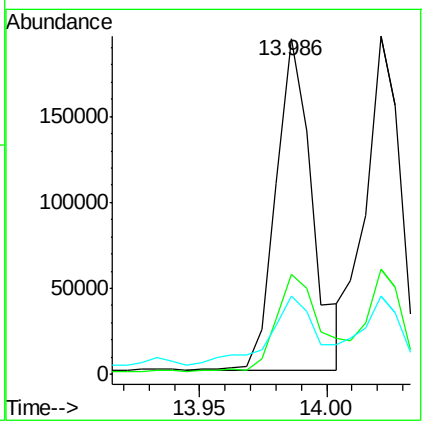


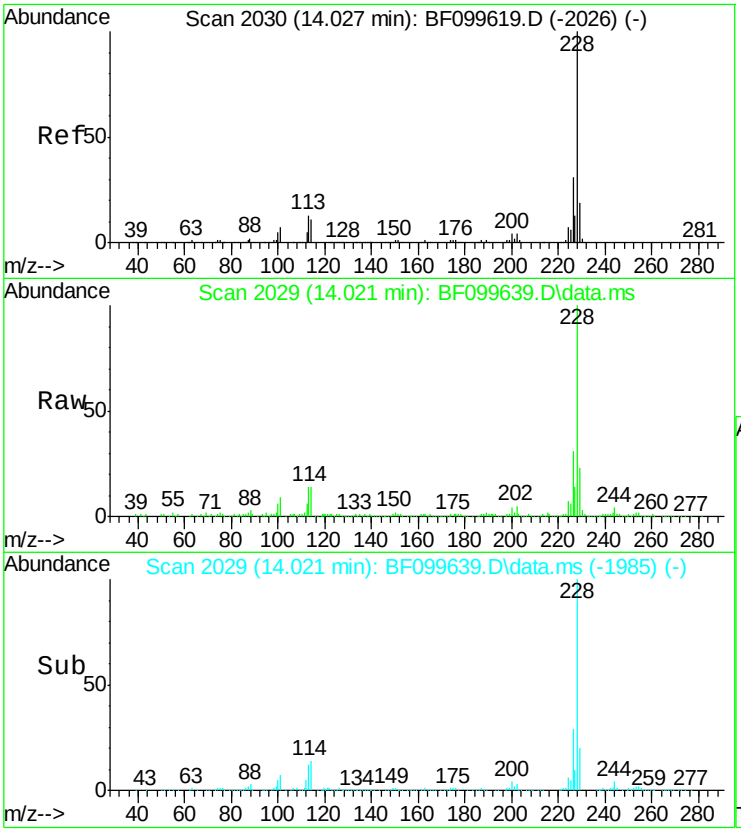


#80
Benzo(a)anthracene
Concen: 17.03 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:228 Resp: 193922

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	23.4	15.8	23.6



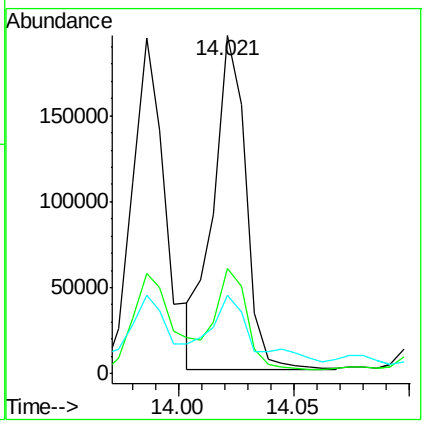


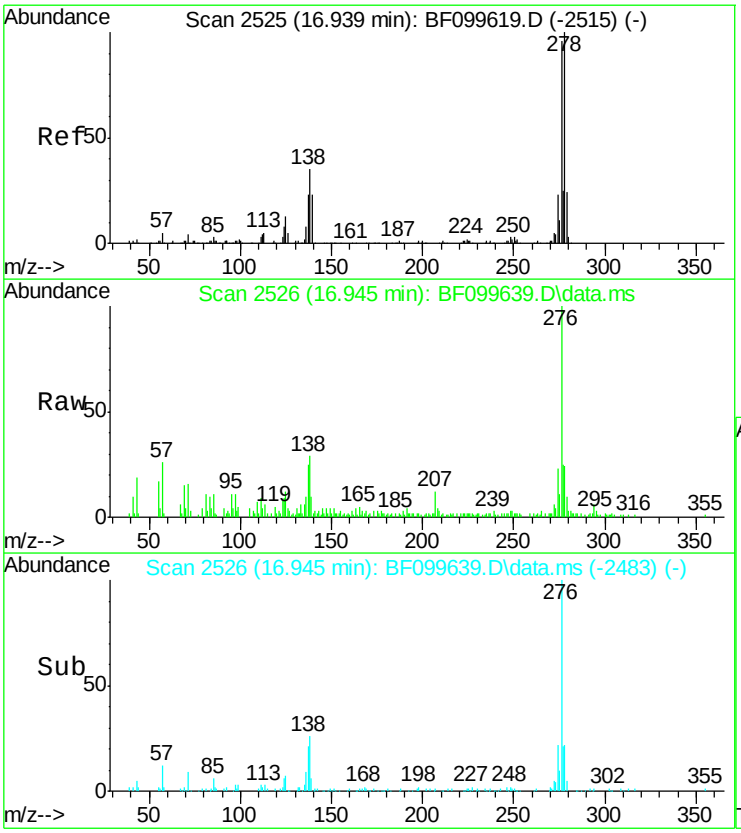
#82
Chrysene
Concen: 17.58 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:228 Resp: 190601

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.3	16.2	24.4

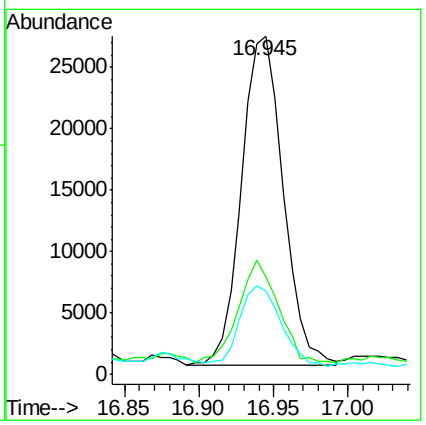


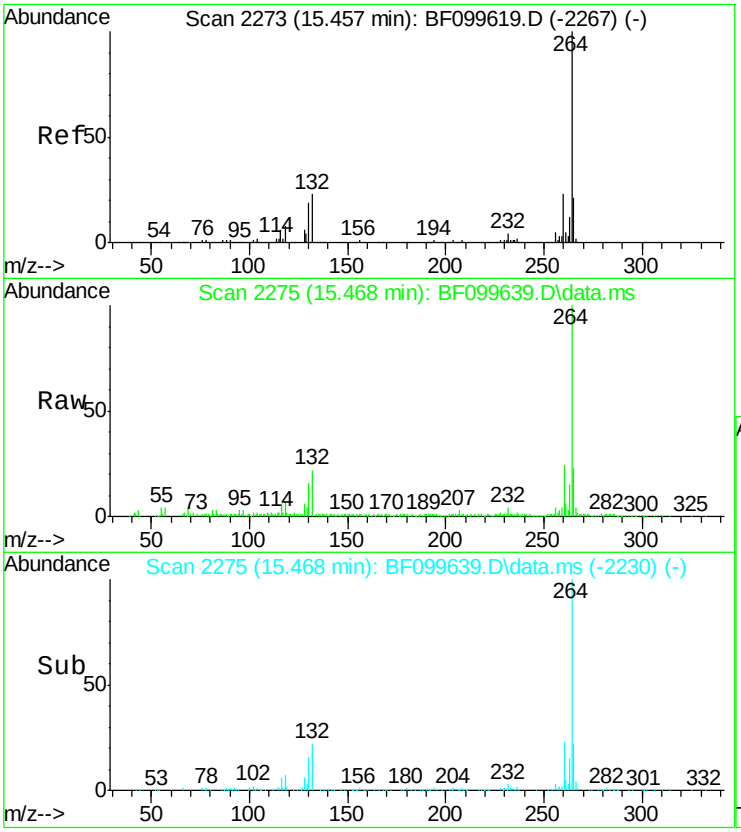


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.97 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.047 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:276 Resp: 51768

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.4	20.1	30.1



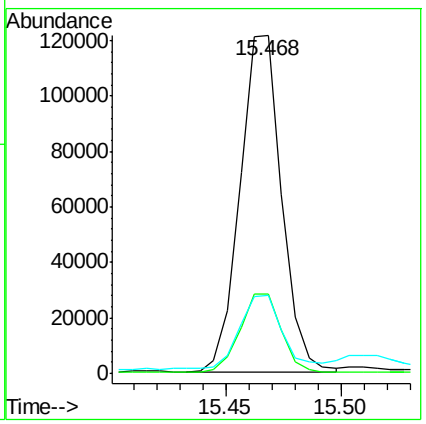


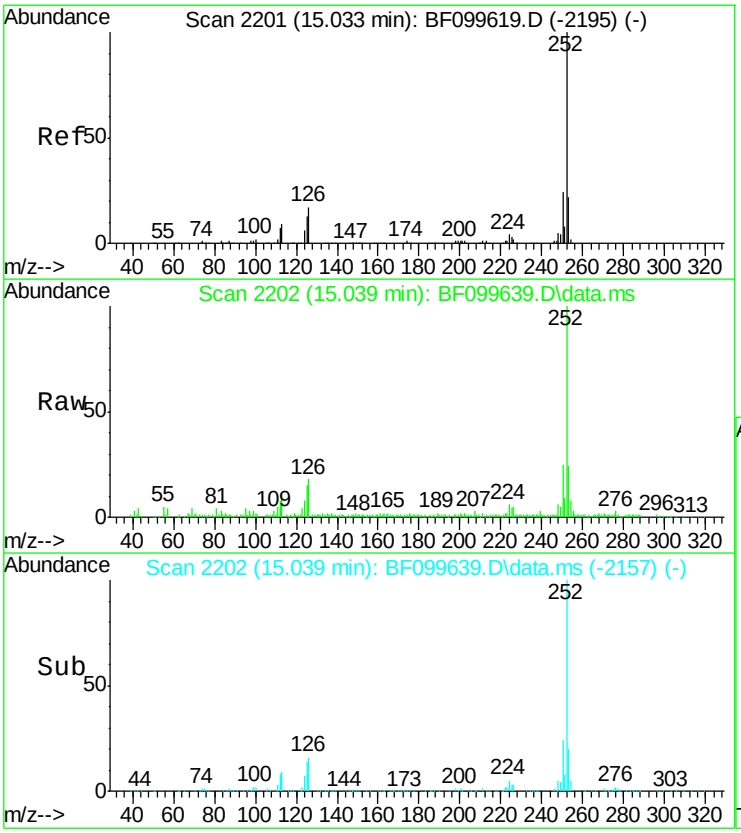
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 22
Delta R.T. -0.035 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:264 Resp: 152812

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.0	17.5	26.3

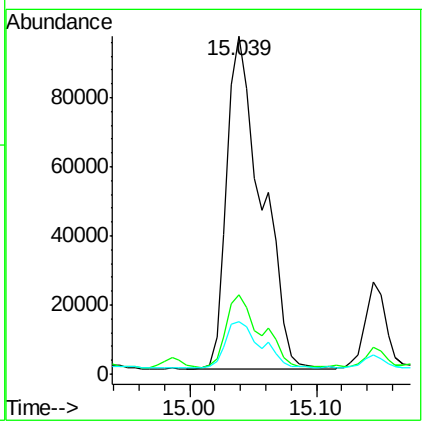


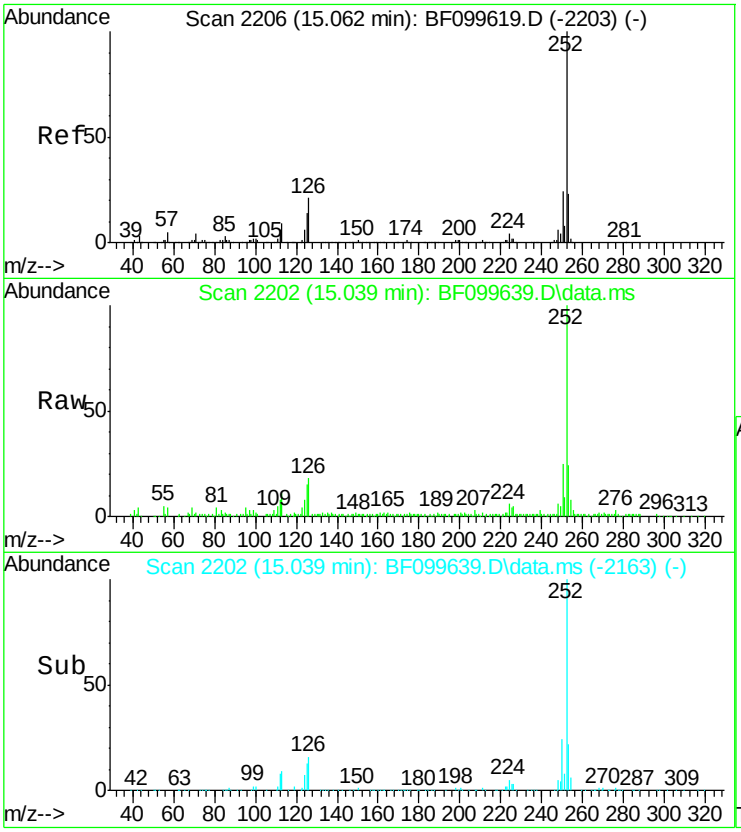


#87
Benzo(b)fluoranthene
Concen: 19.65 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:252 Resp: 184621

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.4	9.0	13.6#



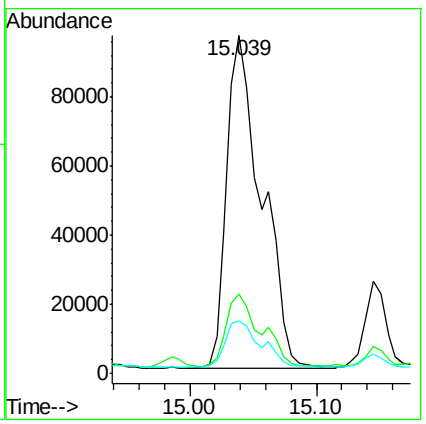


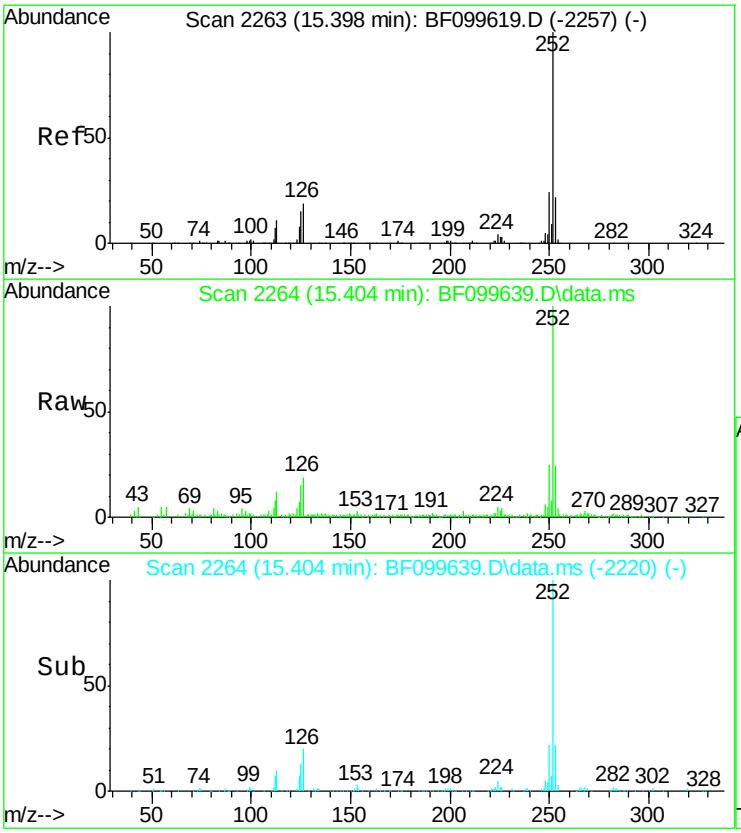
#88
Benzo(k)fluoranthene
Concen: 19.89 ng
RT: 15.039 min Scan# 22
Delta R.T. -0.071 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:252 Resp: 184621

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.4	10.2	15.2#

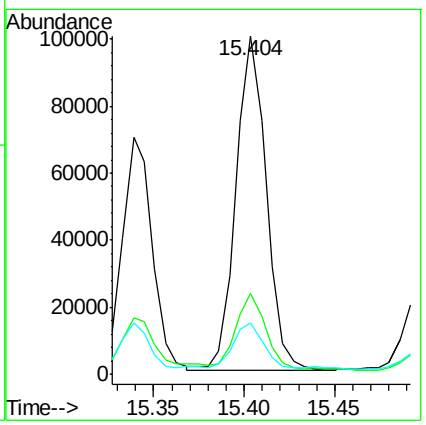


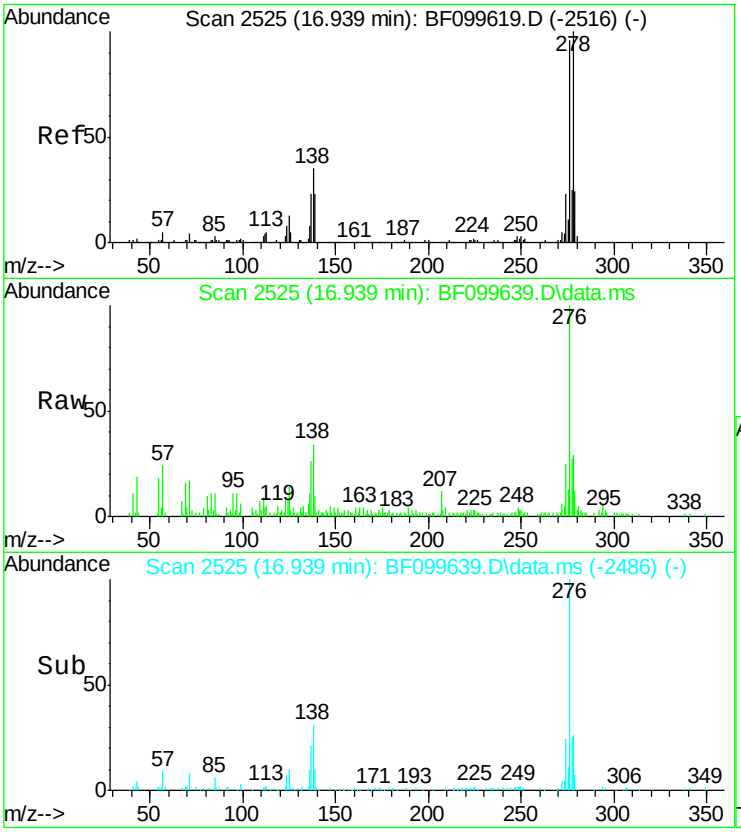


#89
Benzo(a)pyrene
Concen: 13.45 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.041 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:252 Resp: 115970

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	15.2	9.8	14.6#



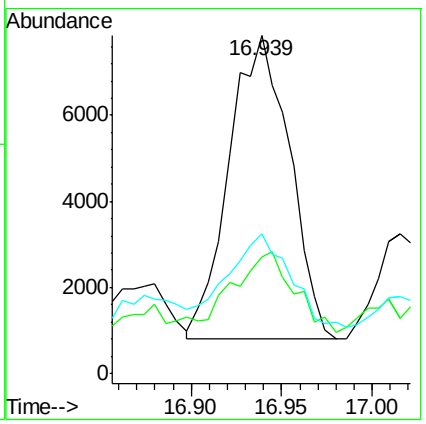


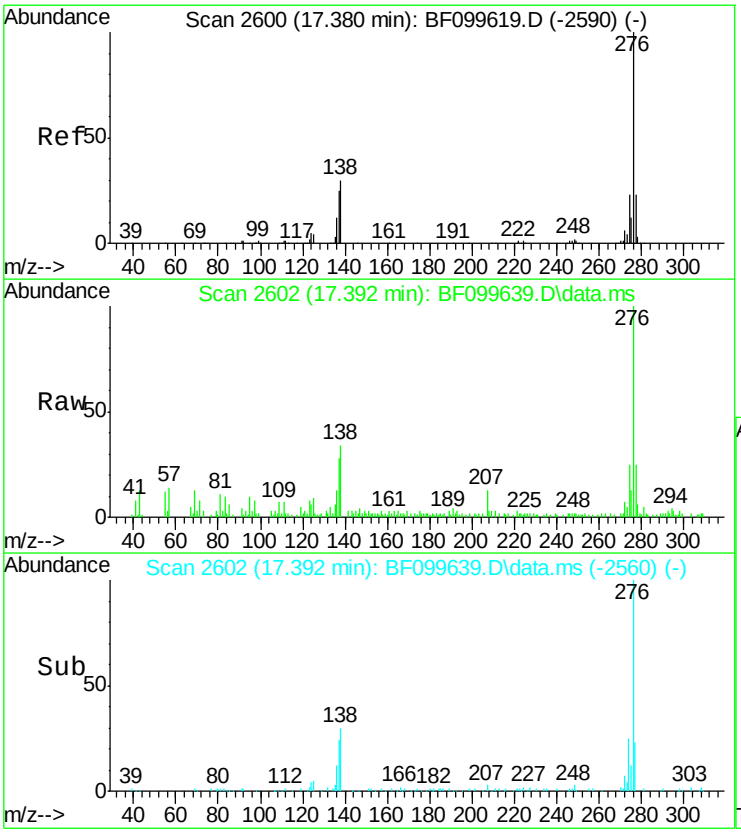
#90
Dibenzo(a,h)anthracene
Concen: 2.37 ng
RT: 16.939 min Scan# 25
Delta R.T. -0.071 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-D

Tgt Ion:278 Resp: 16332

Ion	Ratio	Lower	Upper
278	100		
139	34.3	15.9	23.9#
279	41.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.18 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.053 min
Lab File: BF099639.D
Acq: 19 Oct 2017 1:24

Tgt Ion:276 Resp: 55778

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	33.6	21.8	32.8#