Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117329.D
Acq On : 3 Oct 2019 21:06
Operator : JU
Sample : K5143-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-100219

Quant Time: Oct 04 03:20:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53309	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	209020	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	97282	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	122347	20.00	ng		0.00
76) Chrysene-d12	13.97	240	79754	20.00	ng		0.00
87) Perylene-d12	15.42	264	93960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	320651	93.91	ng		0.00
7) Phenol-d6	6.45	99	457277	103.63	ng		0.00
23) Nitrobenzene-d5	7.37	82	293496	73.78	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	67423	82.93	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	492029	79.08	ng		-0.01
79) Terphenyl-d14	12.90	244	261931	61.39	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	532	Below Cal		#	1
10) Phenol	6.46	94	12929	2.658	ng	#	78
19) n-Nitroso-di-n-propylamine	7.37	70	37909	14.108	ng	#	79
25) Isophorone	7.37	82	293494	41.668	ng	#	66
50) Dimethylphthalate	9.55	163	55024	7.988	ng	#	98
51) 2,6-Dinitrotoluene	9.84	165	12153	8.663	ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	12153	6.674	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	4611	3.690	ng	#	1
71) Phenanthrene	11.35	178	13989	2.013	ng		95
75) Fluoranthene	12.54	202	33041	4.627	ng		97
78) Pyrene	12.77	202	34860	5.209	ng		98
81) Benzo(a)anthracene	13.96	228	19216	3.606	ng	#	95
83) Chrysene	13.99	228	20374	3.920	ng	#	93
86) Indeno(1,2,3-cd)pyrene	16.88	276	16504	4.353	ng		96
88) Benzo(b)fluoranthene	15.00	252	43175	7.586	ng	#	96
89) Benzo(k)fluoranthene	15.00	252	43175	8.008	ng	#	96
90) Benzo(a)pyrene	15.36	252	25119	5.029	ng	#	96
92) Benzo(g,h,i)perylene	17.32	276	17316	4.368	ng		96

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

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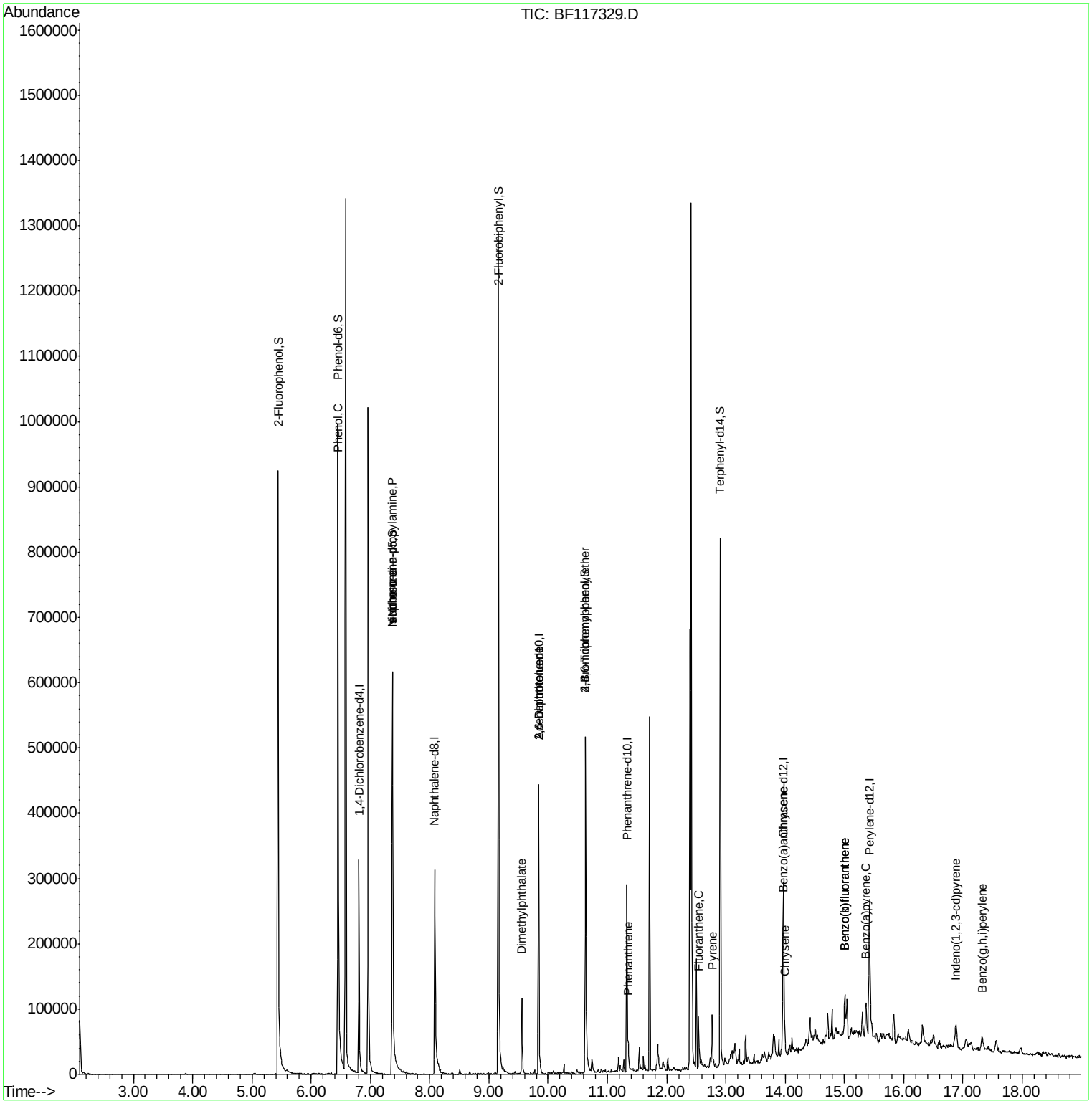
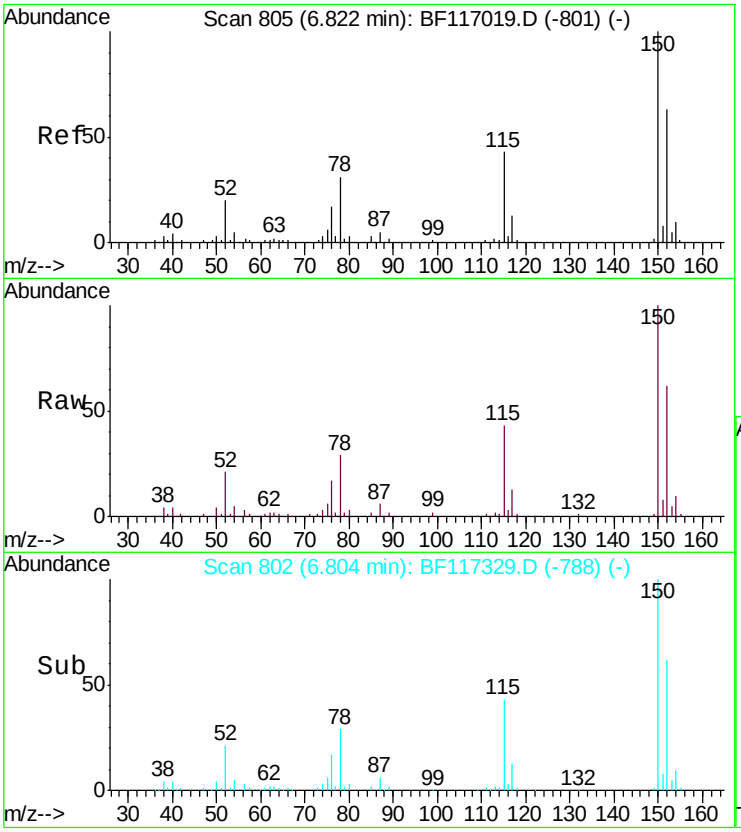


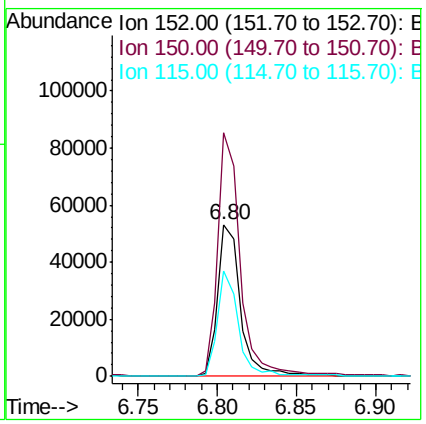


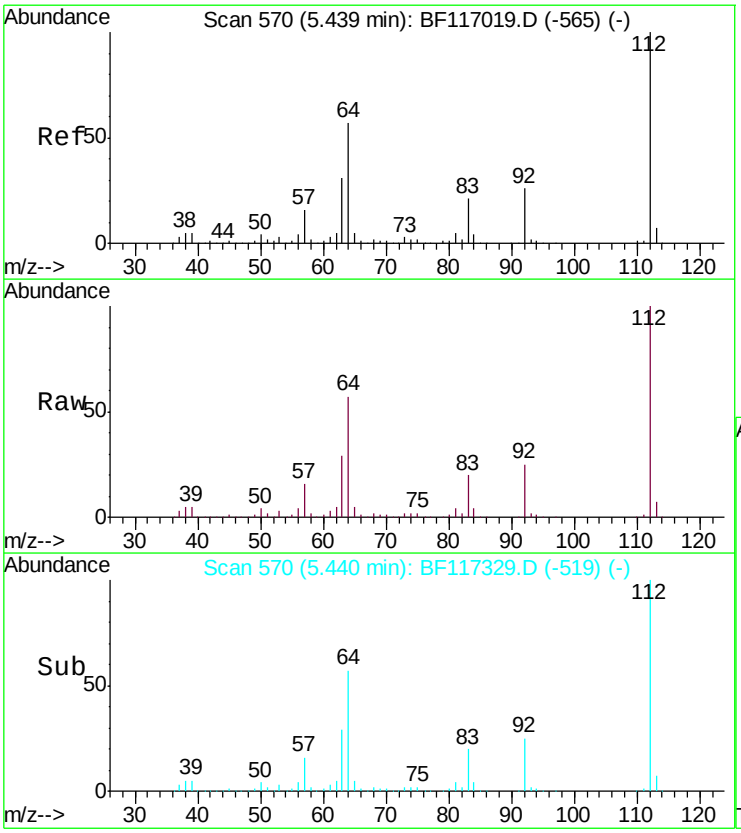
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:152 Resp: 53309

Ion	Ratio	Lower	Upper
152	100		
150	160.1	127.5	191.3
115	69.1	55.0	82.4

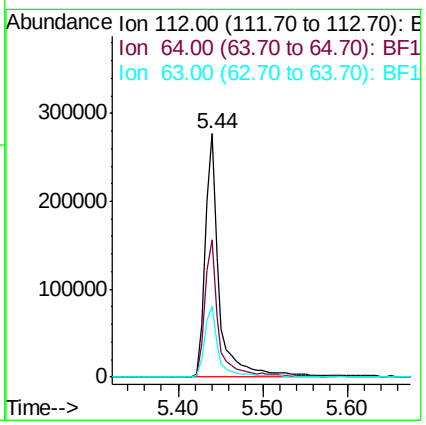


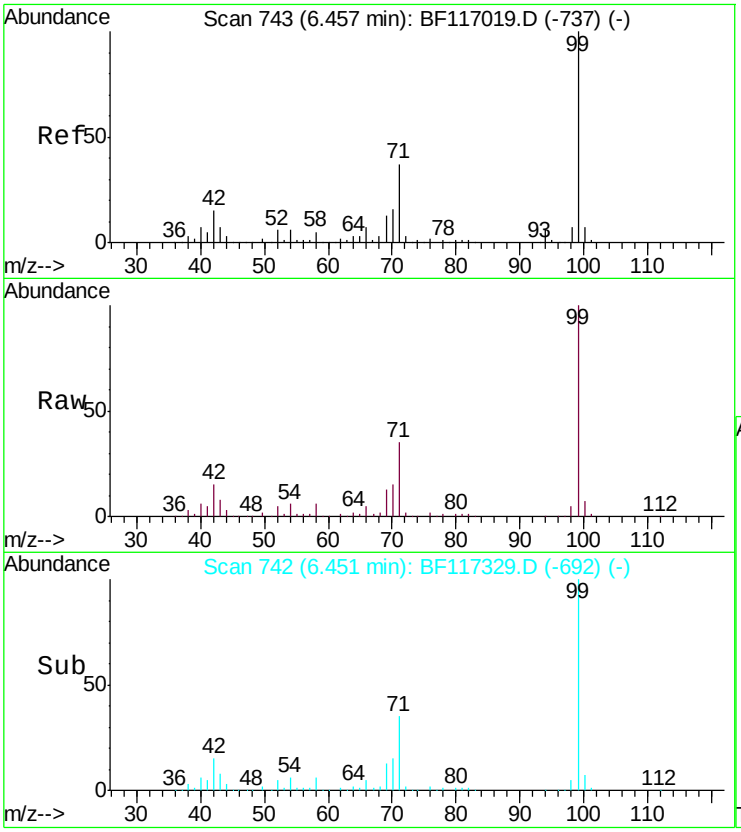


#5
2-Fluorophenol
Concen: 93.908 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:112 Resp: 320651

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	28.9	24.9	37.3



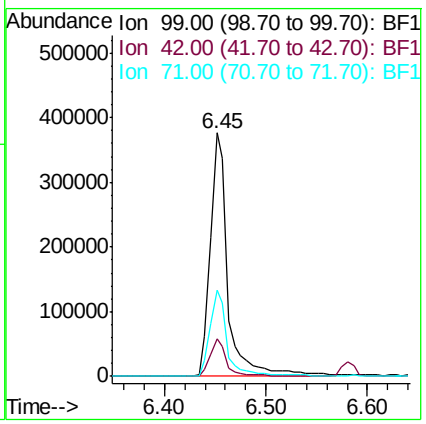


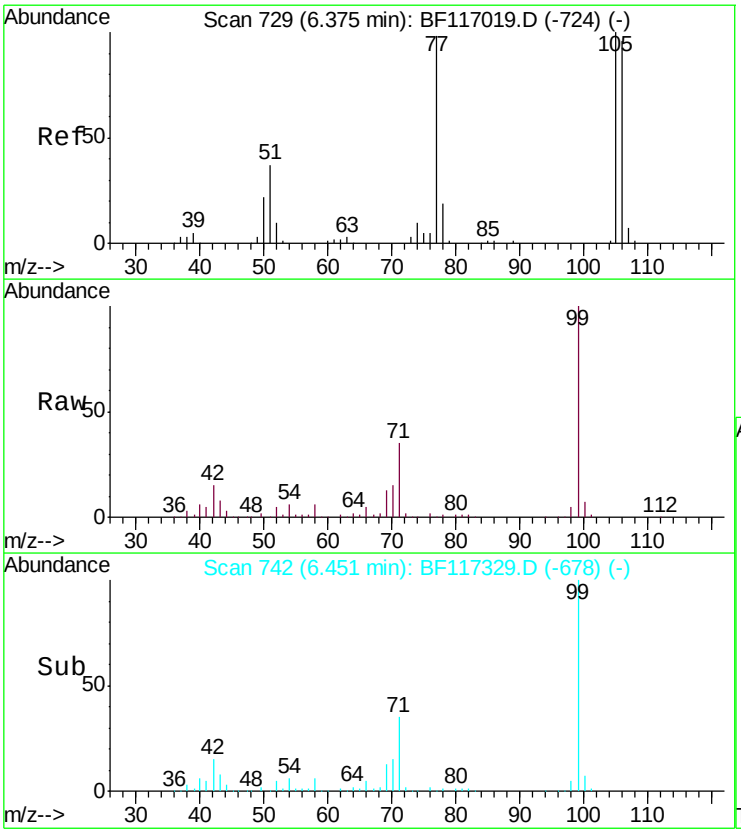
#7
Phenol-d6
Concen: 103.626 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion: 99 Resp: 457277

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	35.2	29.8	44.8

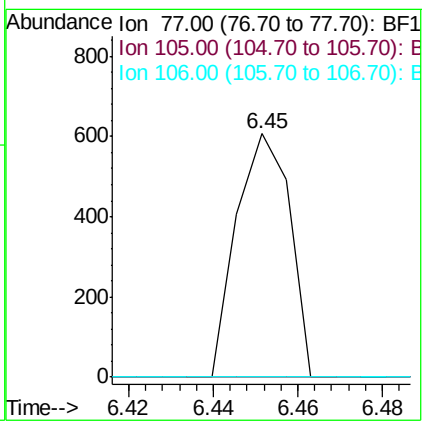


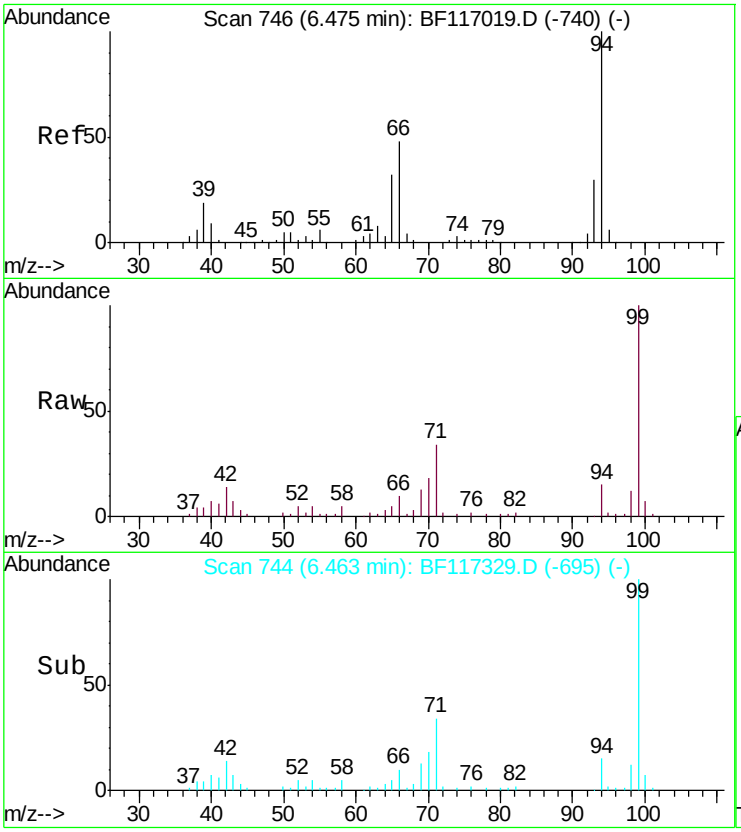


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion: 77 Resp: 532

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



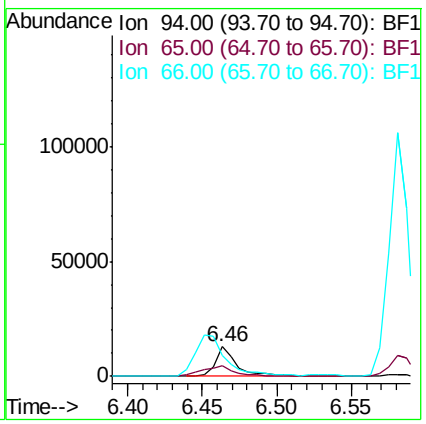


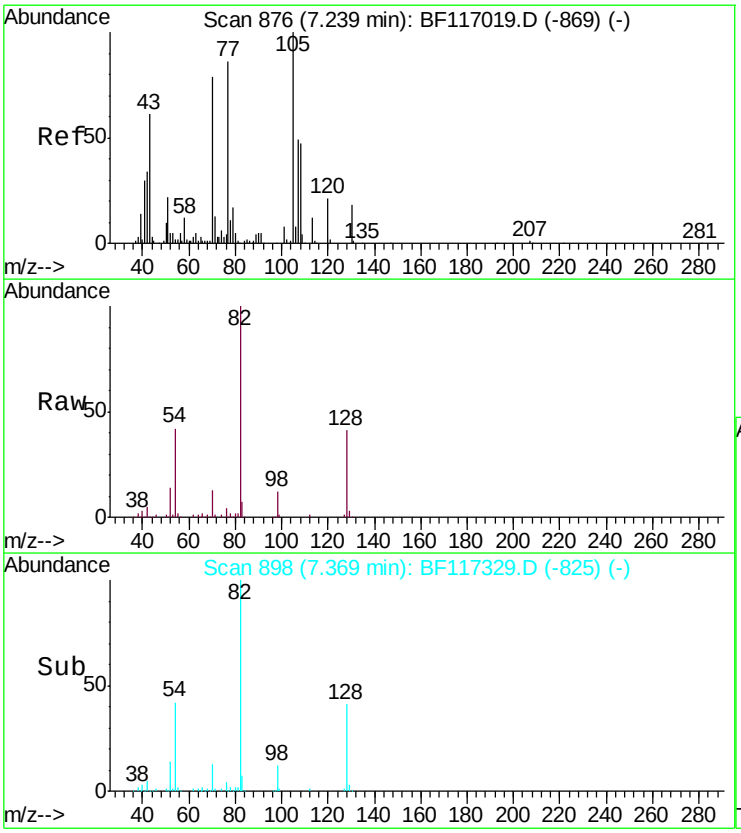
#10
Phenol
Concen: 2.658 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion: 94 Resp: 12929

Ion	Ratio	Lower	Upper
94	100		
65	36.2	12.5	52.5
66	70.7	28.9	68.9#

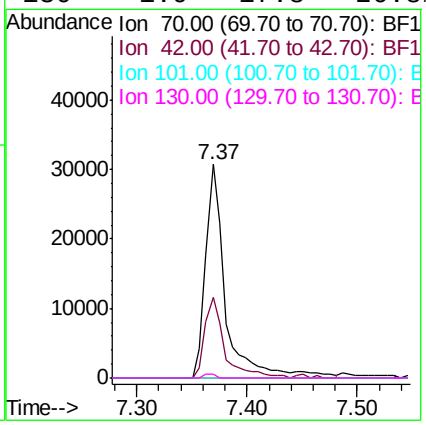


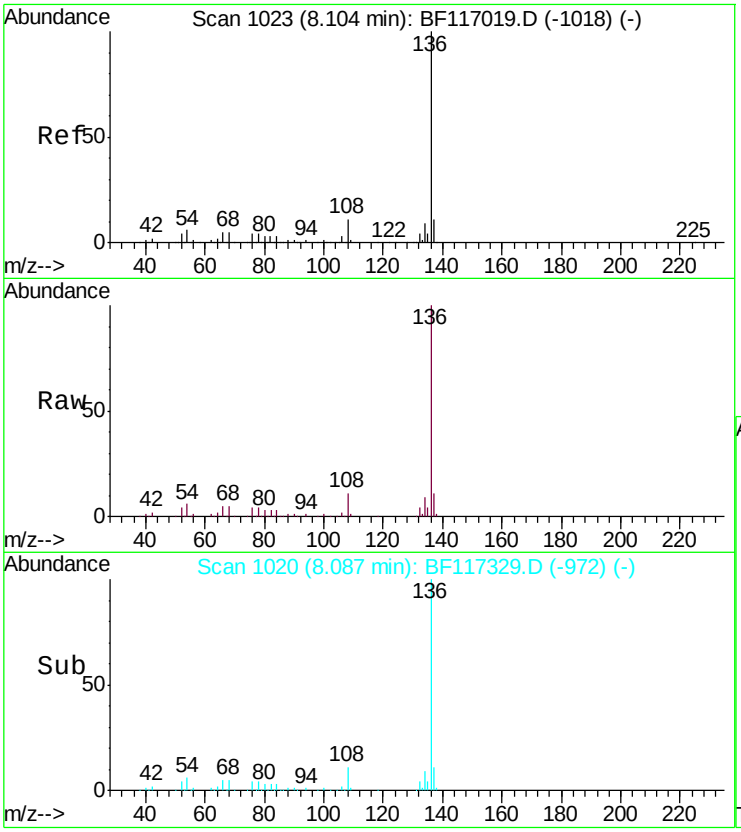


#19
n-Nitroso-di-n-propylamine
Concen: 14.108 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion: 70 Resp: 37909

Ion	Ratio	Lower	Upper
70	100		
42	37.6	34.0	51.0
101	0.0	7.8	11.6#
130	1.9	17.8	26.8#



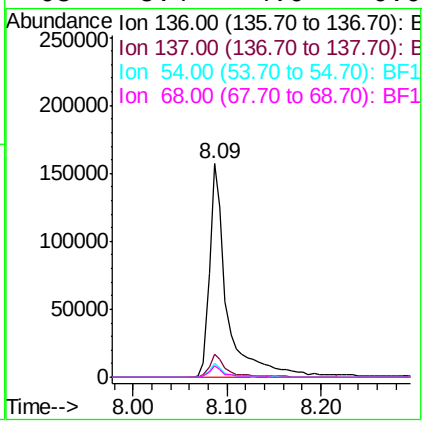


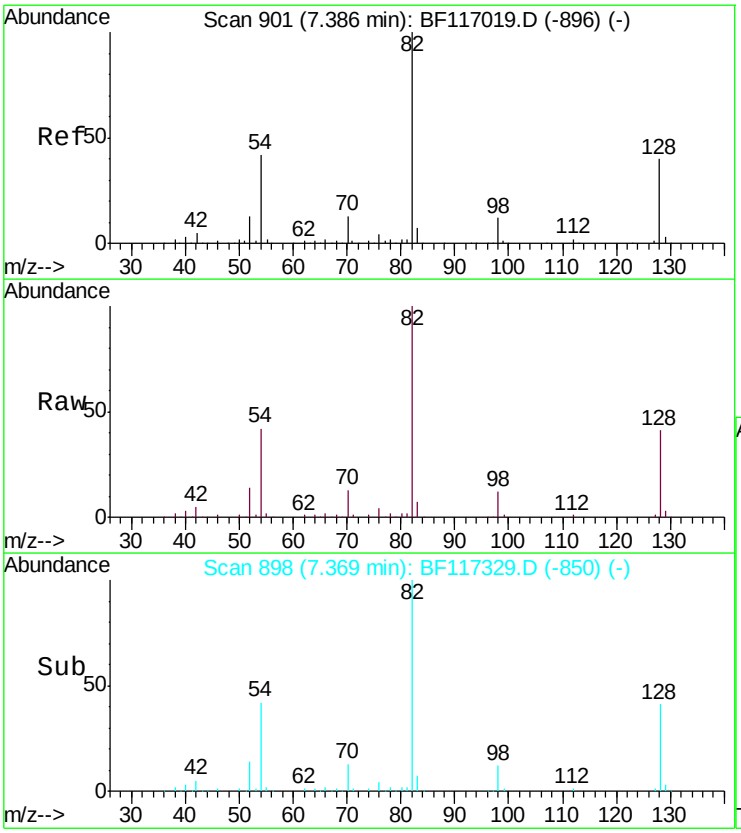
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:136 Resp: 209020

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.4	4.5	6.7
68	5.4	4.0	6.0

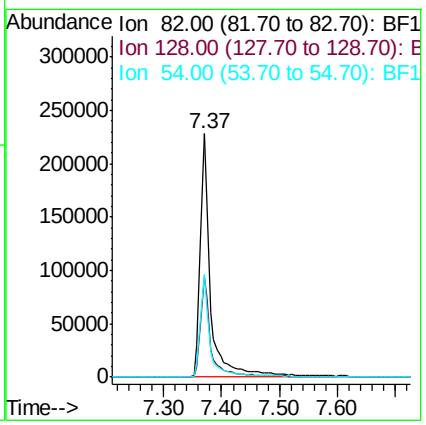


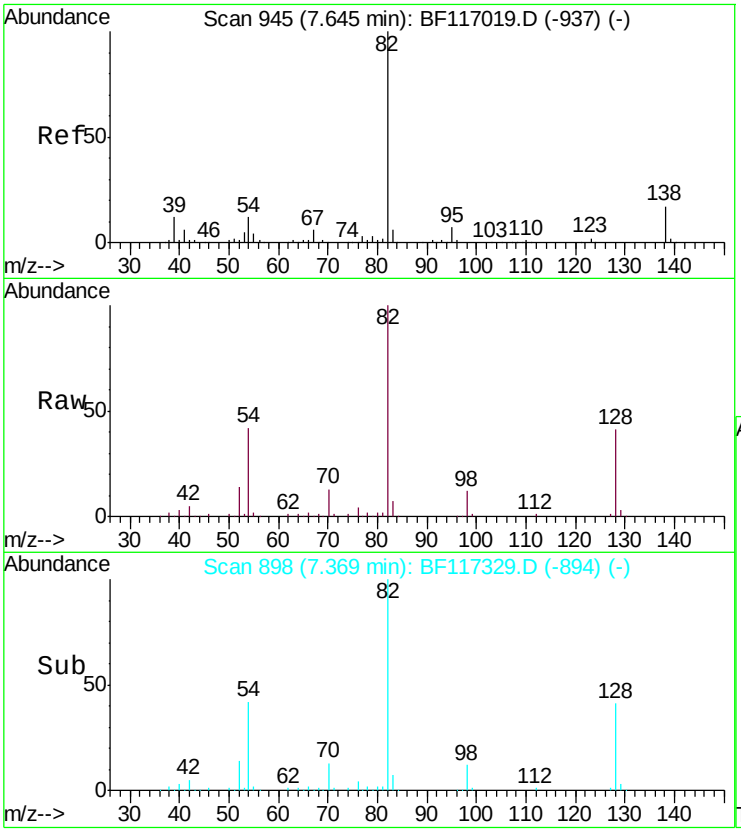


#23
Nitrobenzene-d5
Concen: 73.778 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion: 82 Resp: 293496

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	42.5	33.3	49.9



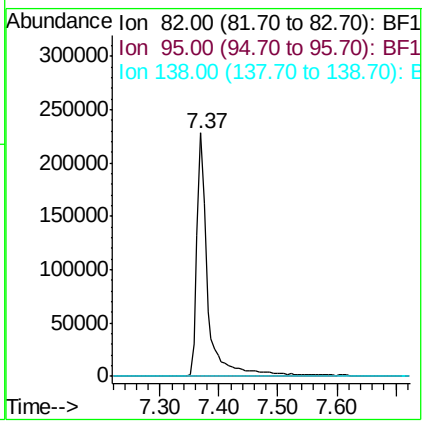


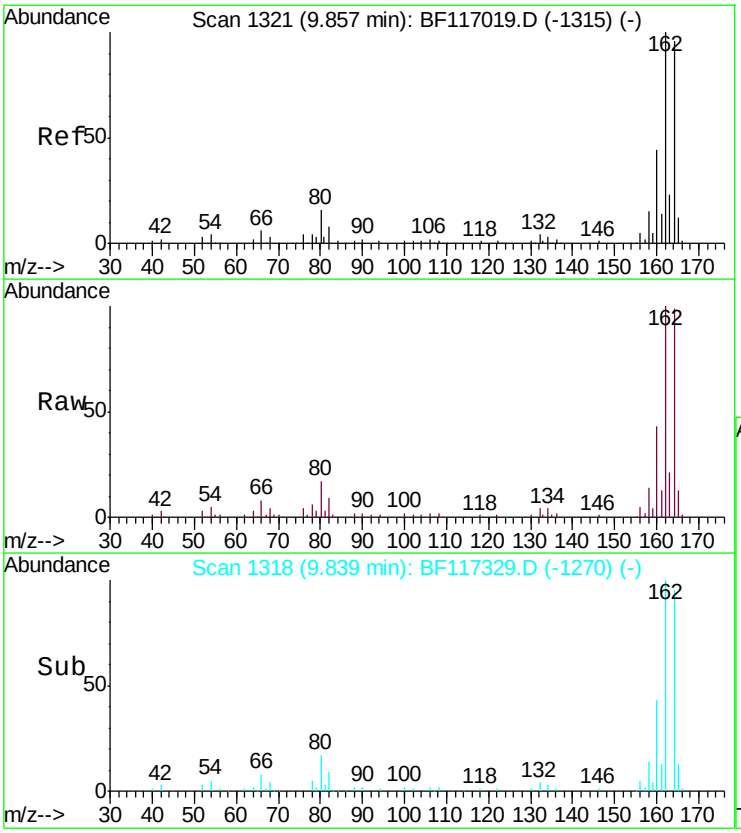
#25
Isophorone
Concen: 41.668 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion: 82 Resp: 293494

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

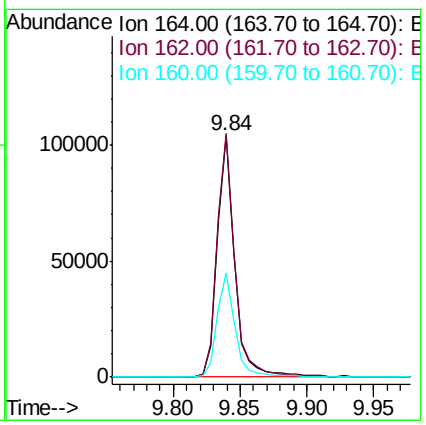


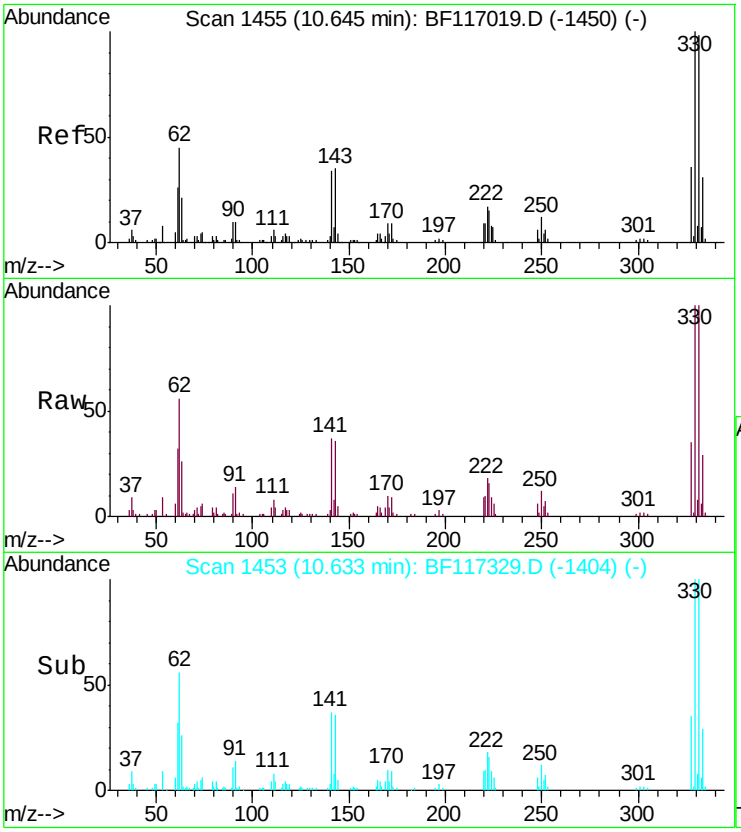


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:164 Resp: 97282

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.4	125.2
160	43.1	36.4	54.6



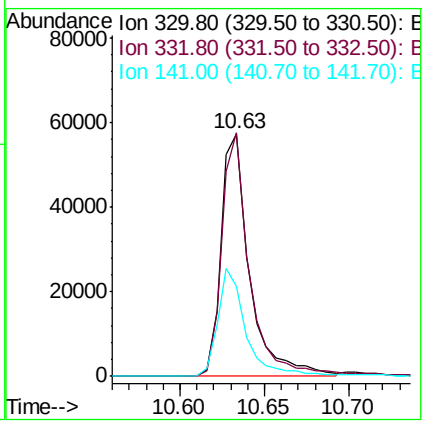


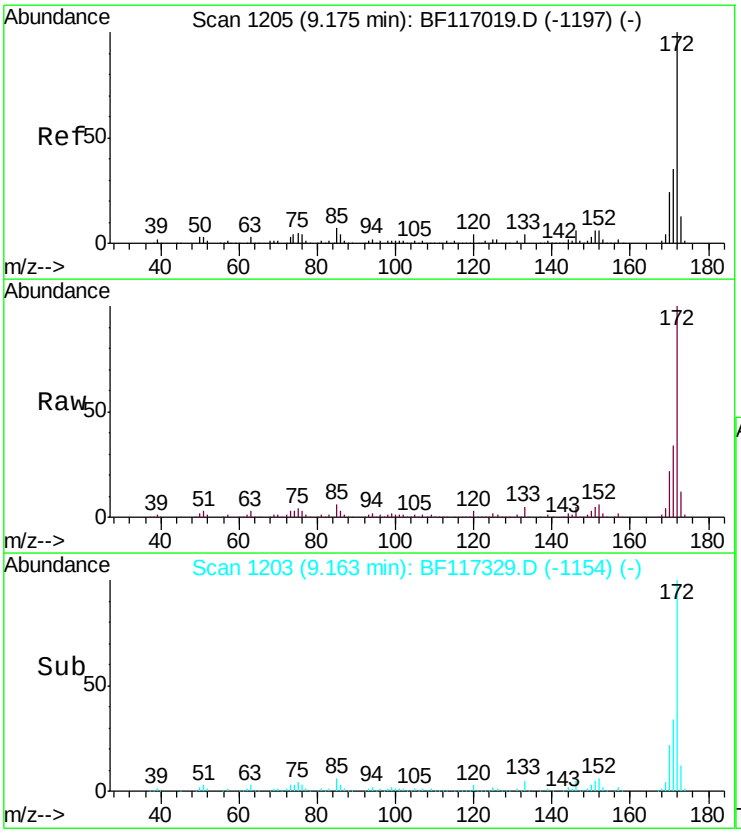
#42
2,4,6-Tribromophenol
Concen: 82.926 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:330 Resp: 67423

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	43.9	35.8	53.6

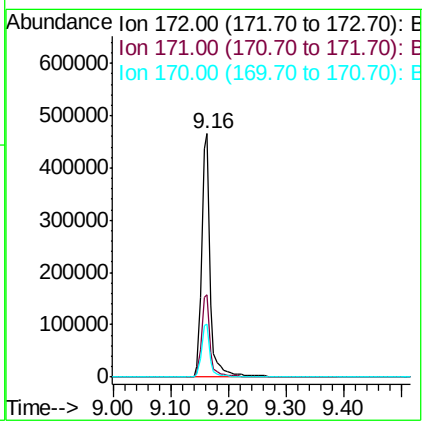


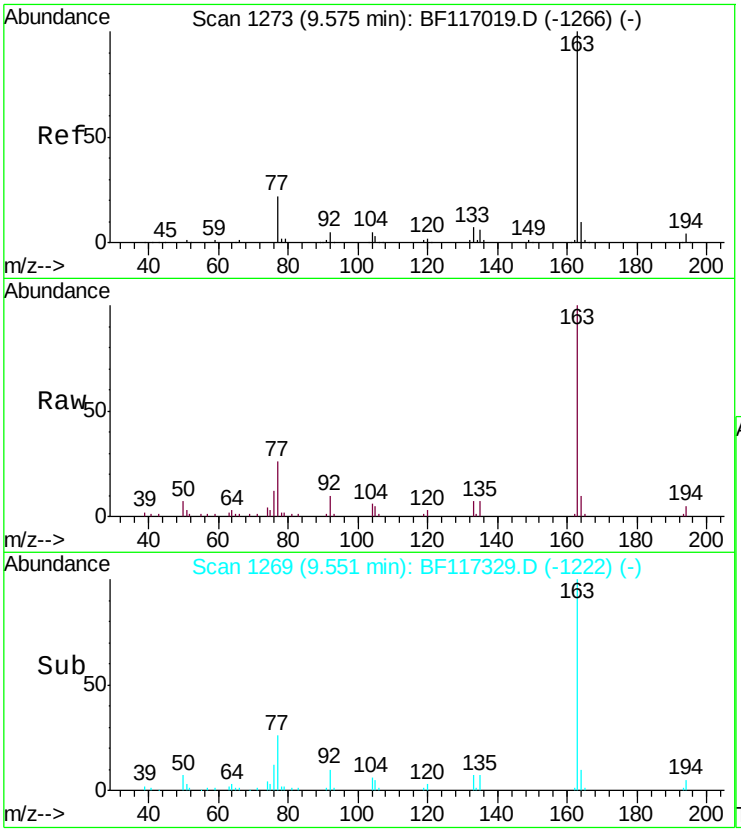


#45
2-Fluorobiphenyl
Concen: 79.082 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:172 Resp: 492029

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.2	42.2
170	21.9	18.9	28.3



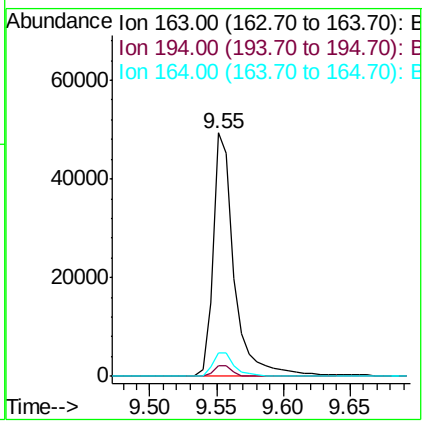


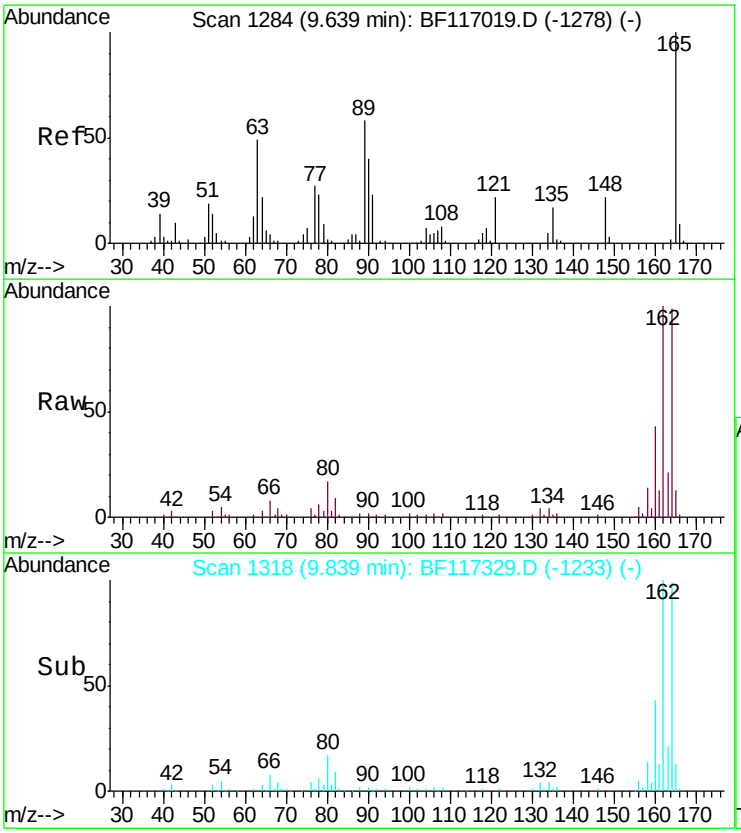
#50
Dimethylphthalate
Concen: 7.988 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:163 Resp: 55024

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.9	4.3#
164	9.7	8.2	12.4

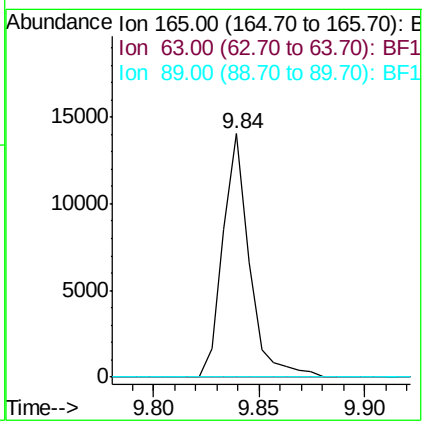


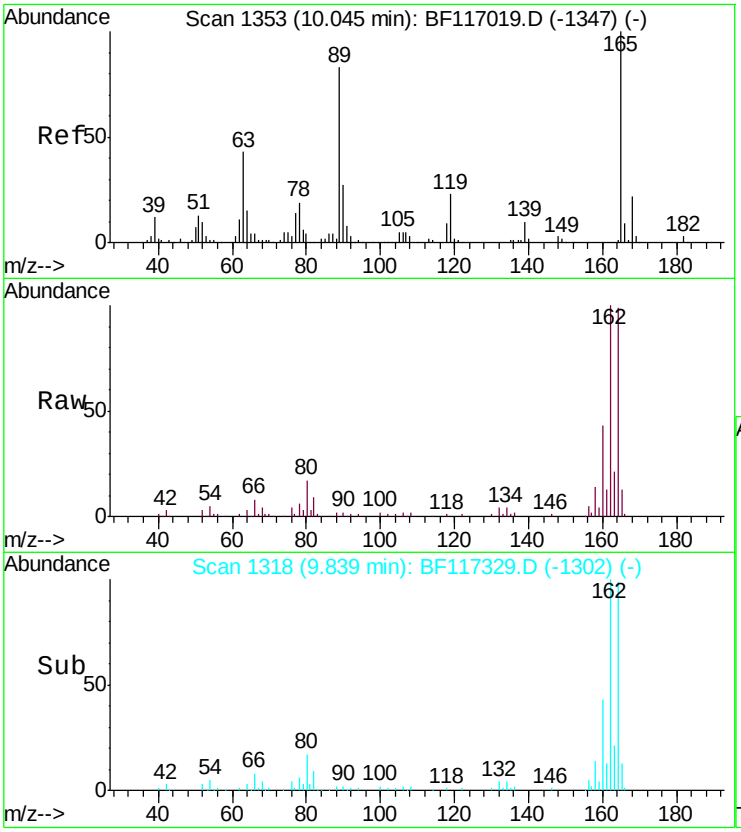


#51
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:165 Resp: 12153

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



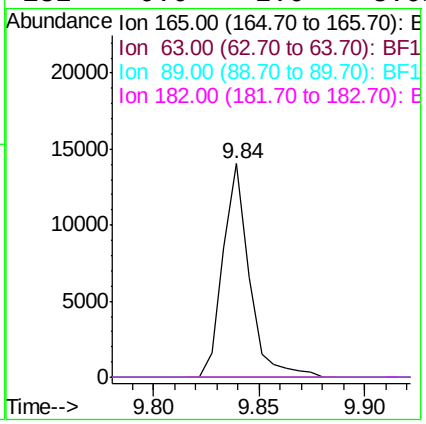


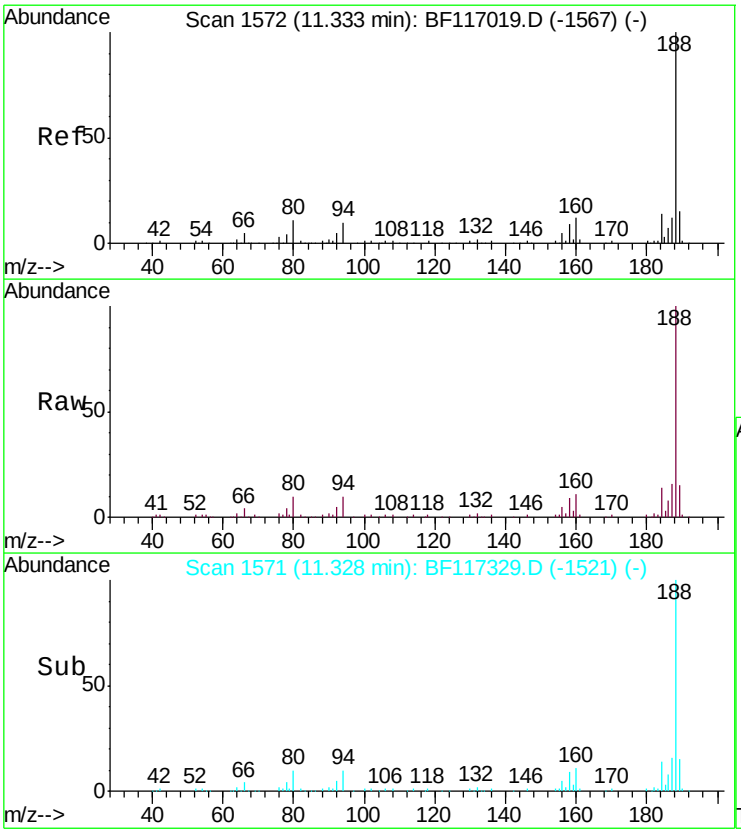
#57
2,4-Dinitrotoluene
Concen: 6.674 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:165 Resp: 12153

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

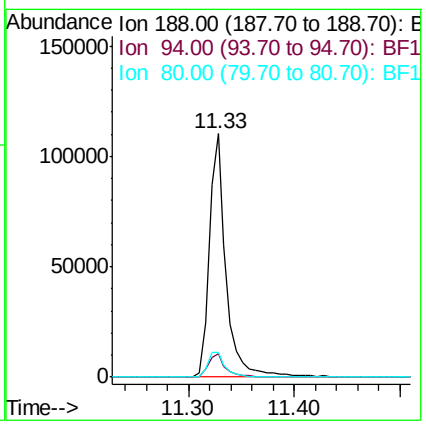


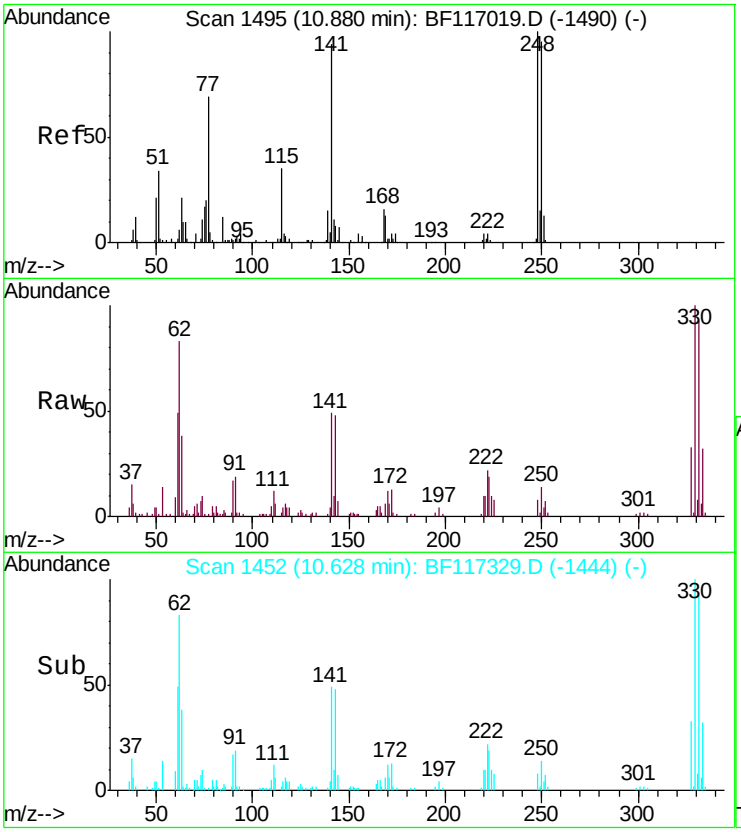


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:188 Resp: 122347

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.4	9.0	13.6



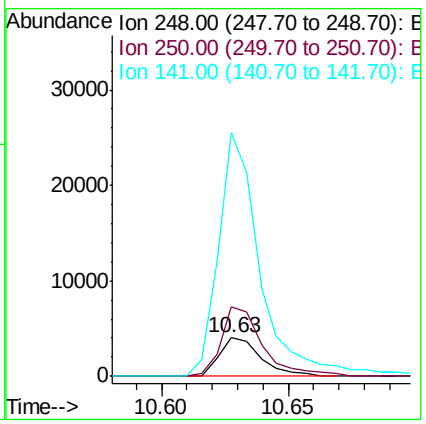


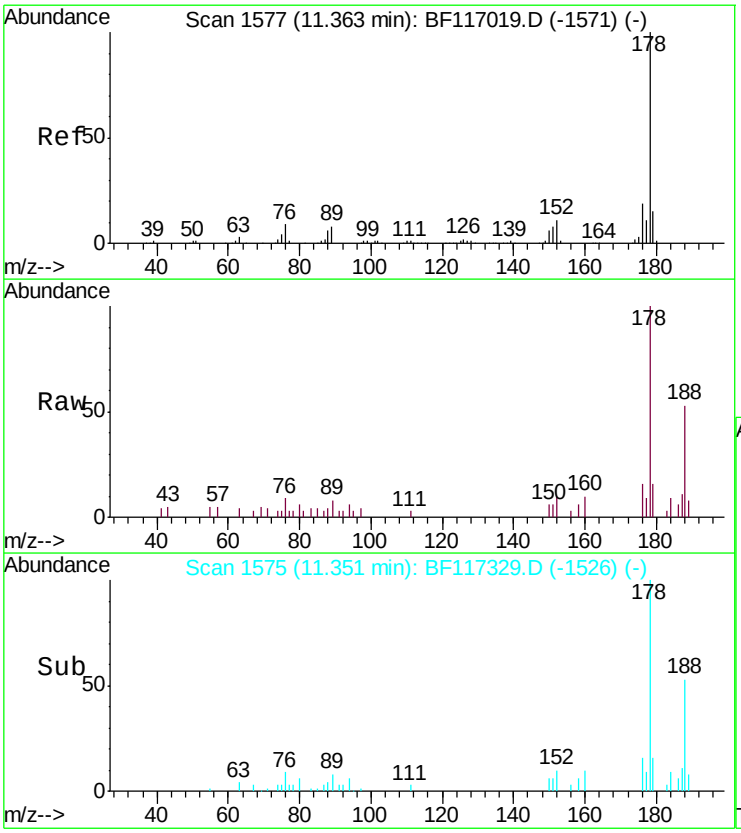
#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:248 Resp: 4611

Ion	Ratio	Lower	Upper
248	100		
250	180.7	76.2	114.4#
141	628.9	75.0	112.4#

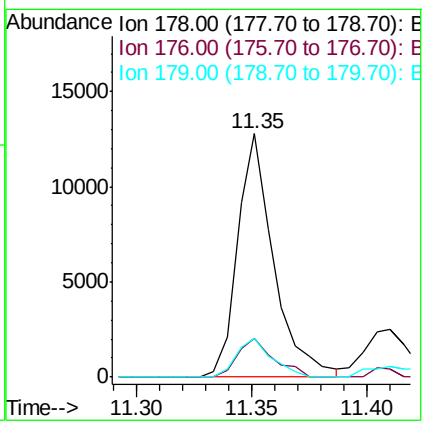


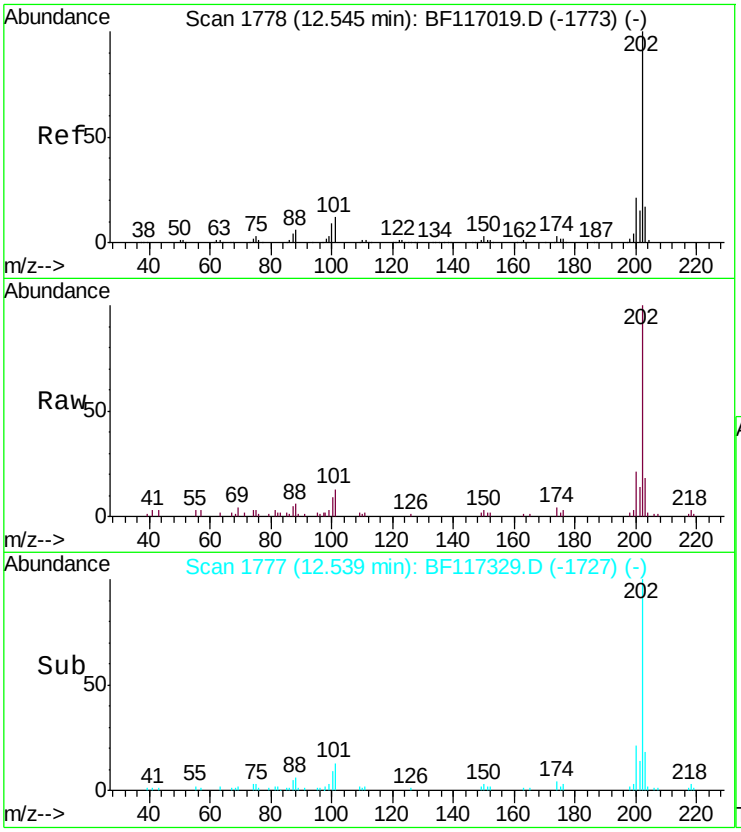


#71
Phenanthrene
Concen: 2.013 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:178 Resp: 13989

Ion	Ratio	Lower	Upper
178	100		
176	16.0	15.4	23.2
179	16.0	12.4	18.6



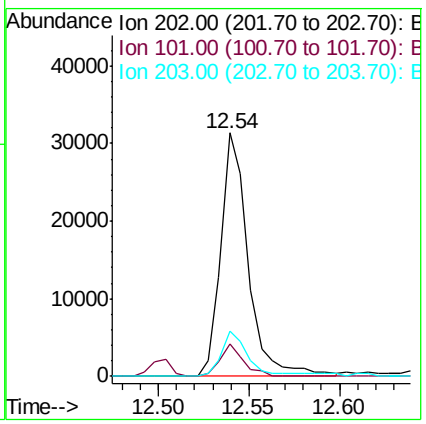


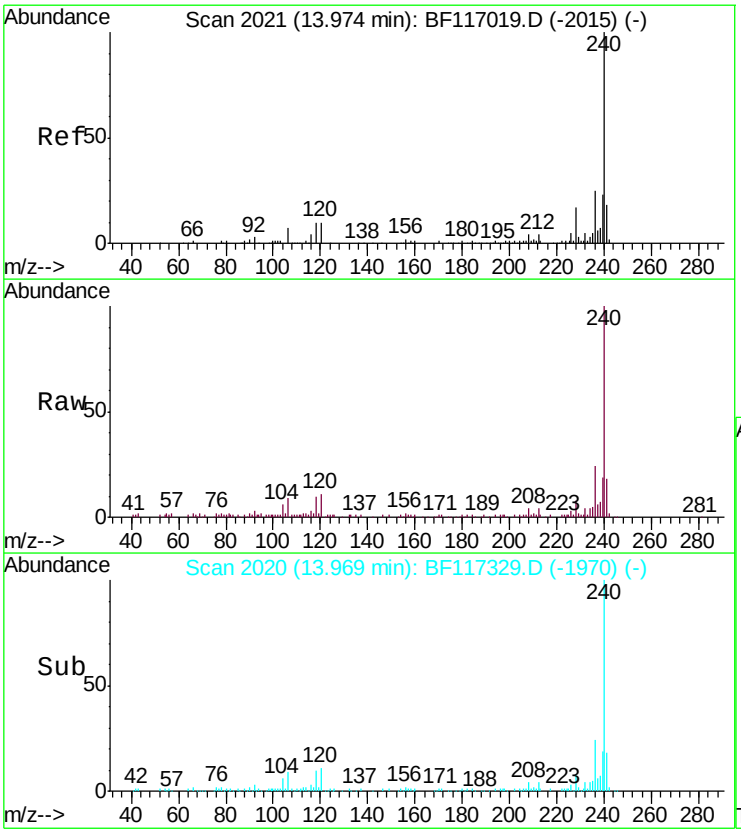
#75
Fluoranthene
Concen: 4.627 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:202 Resp: 33041

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.3
203	18.3	0.0	37.1

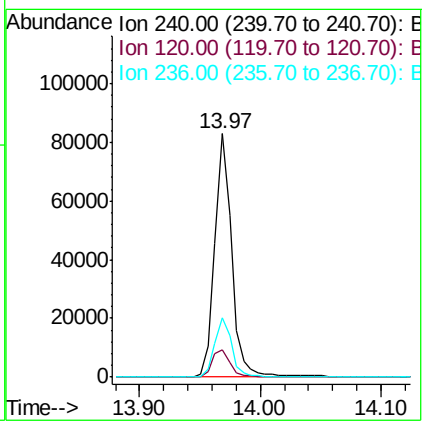


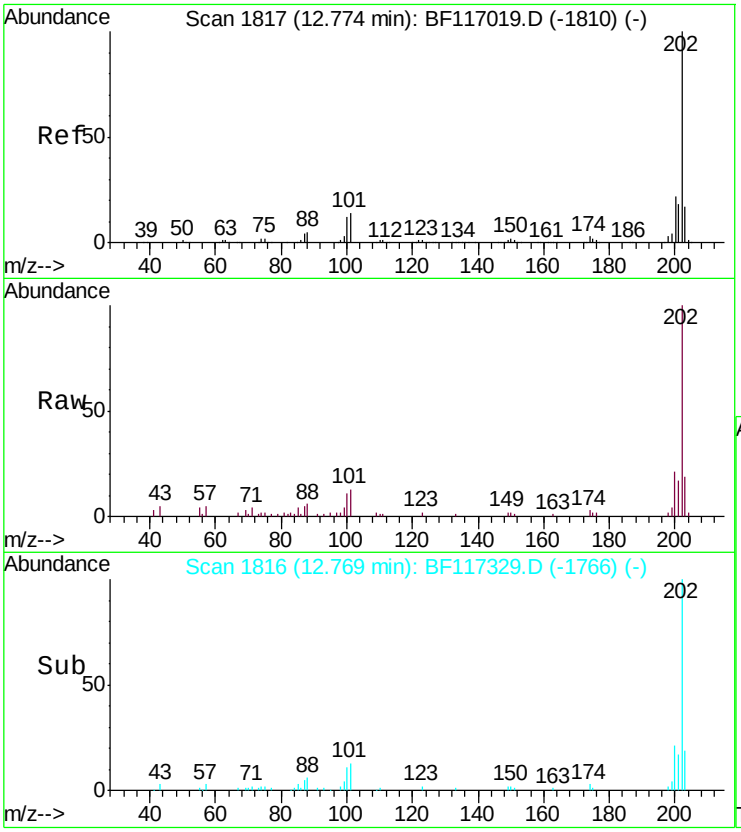


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:240 Resp: 79754

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	24.2	20.3	30.5



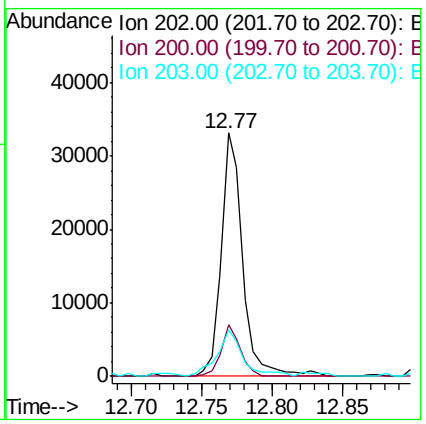


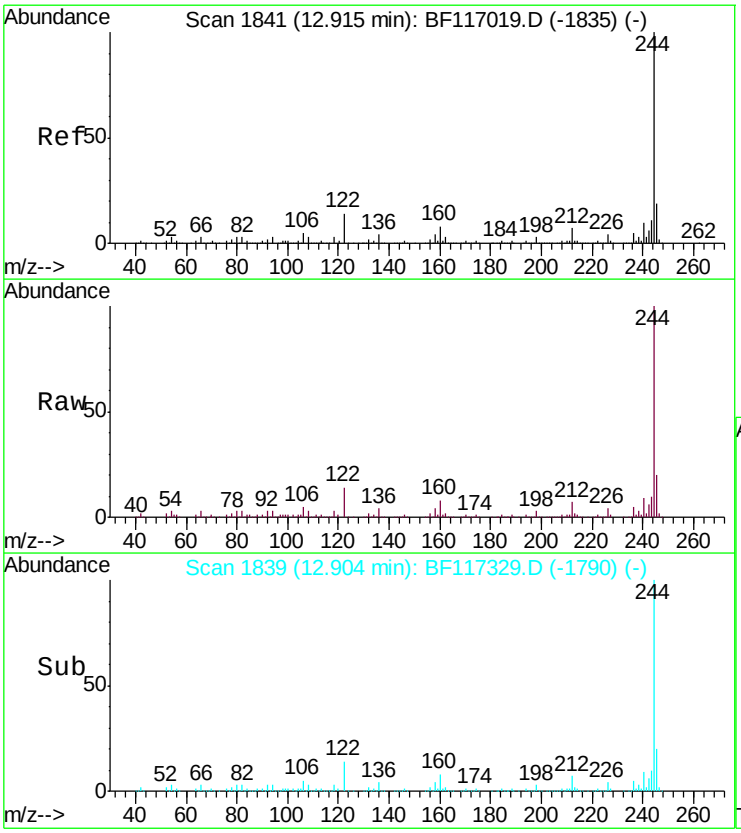
#78
Pyrene
Concen: 5.209 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:202 Resp: 34860

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	19.0	14.0	21.0

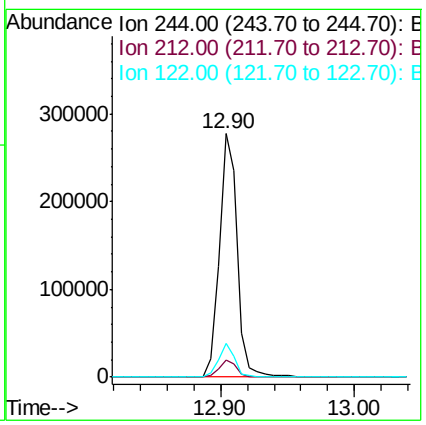


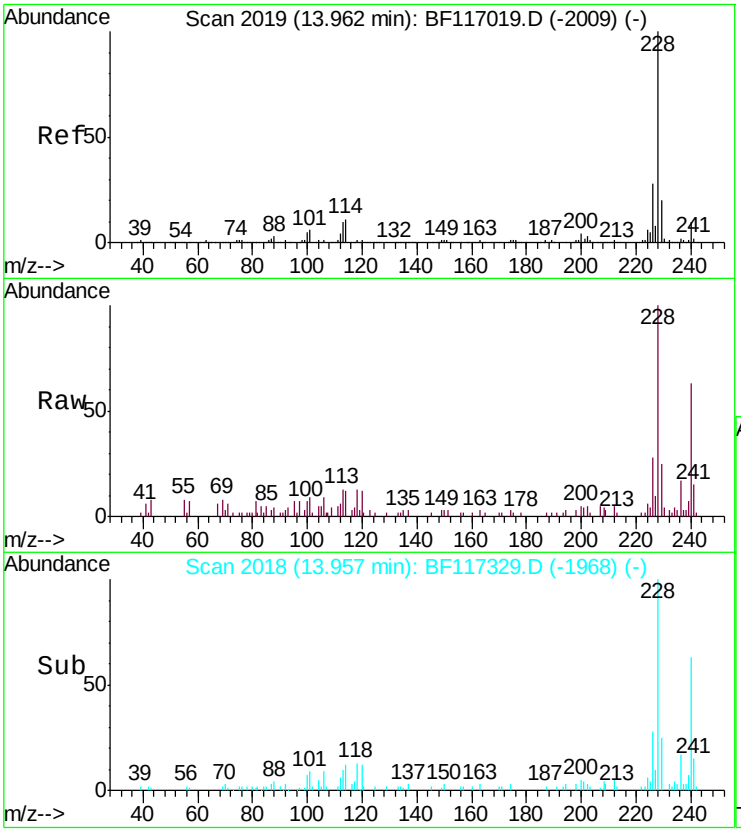


#79
Terphenyl-d14
Concen: 61.390 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:244 Resp: 261931

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.6	11.3	16.9



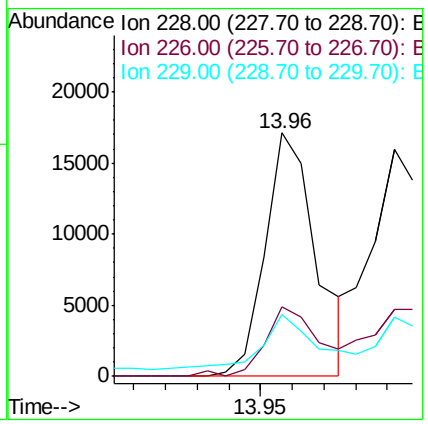


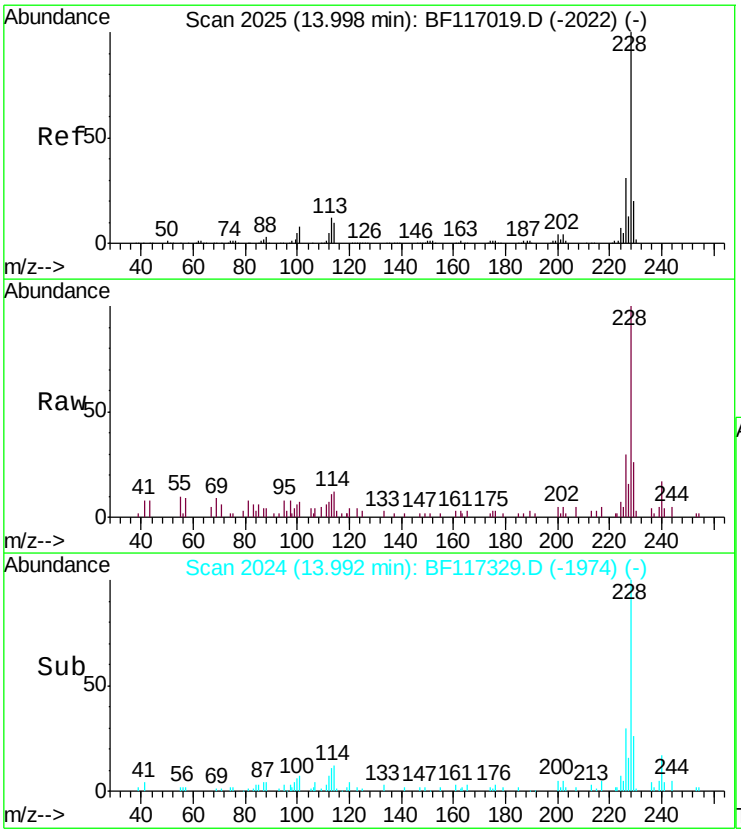
#81
Benzo(a)anthracene
Concen: 3.606 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:228 Resp: 19216

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	25.2	15.9	23.9#

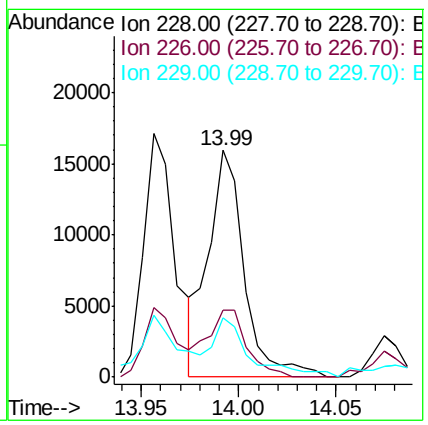


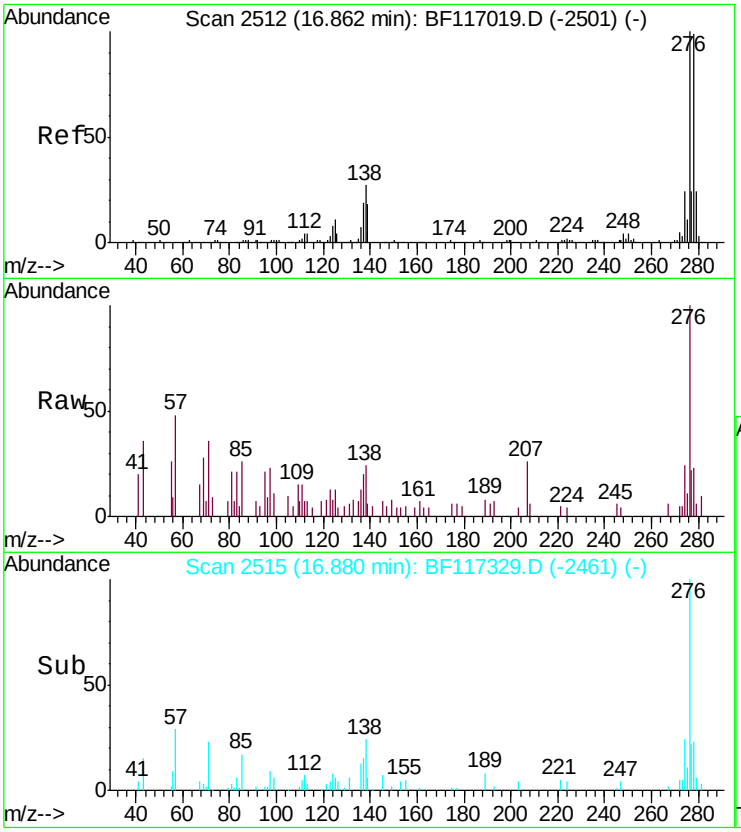


#83
Chrysene
Concen: 3.920 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:228 Resp: 20374

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	26.2	15.8	23.8#



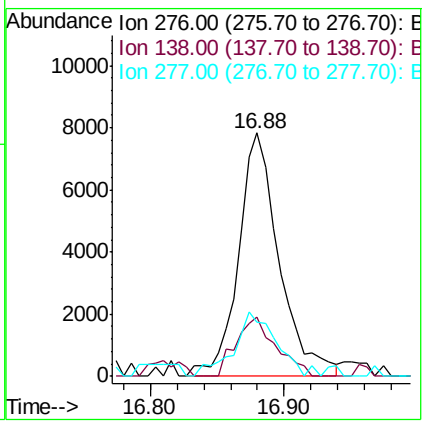


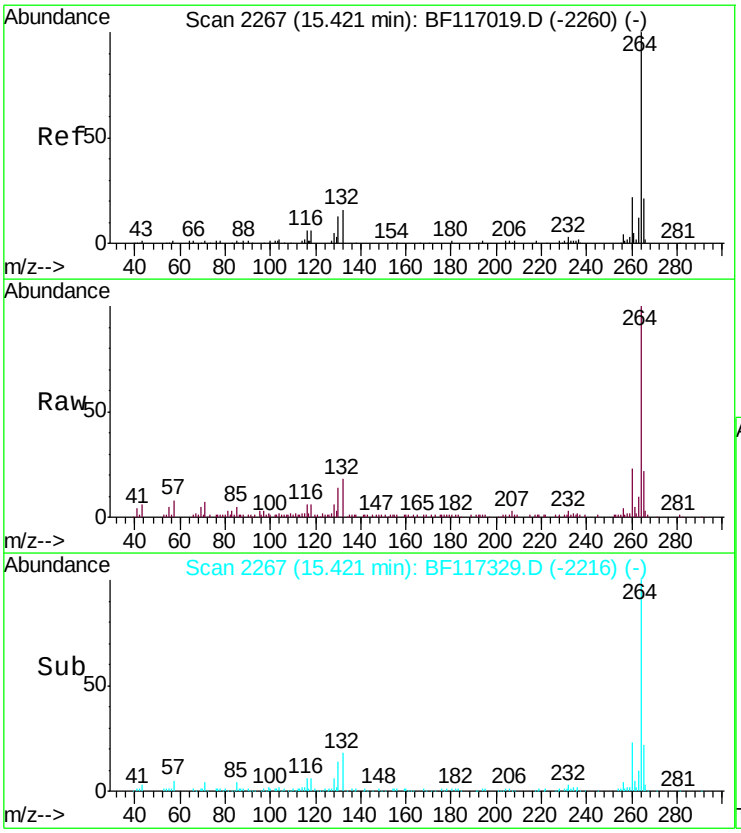
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.353 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:276 Resp: 16504

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.7	31.1
277	26.8	19.8	29.8

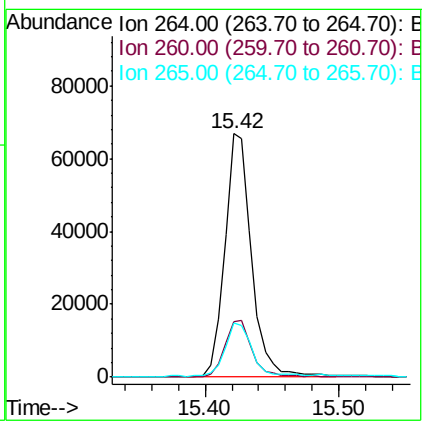


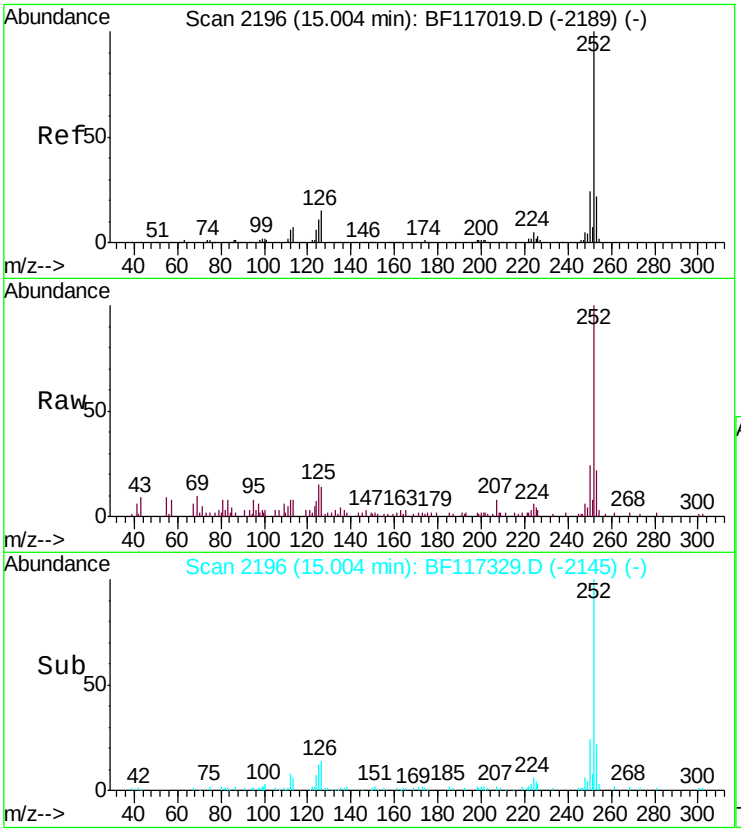


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:264 Resp: 93960

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	22.1	16.6	24.8



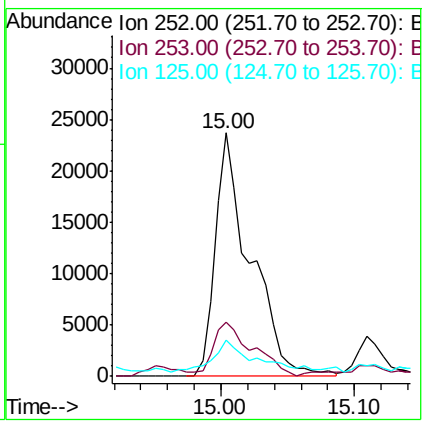


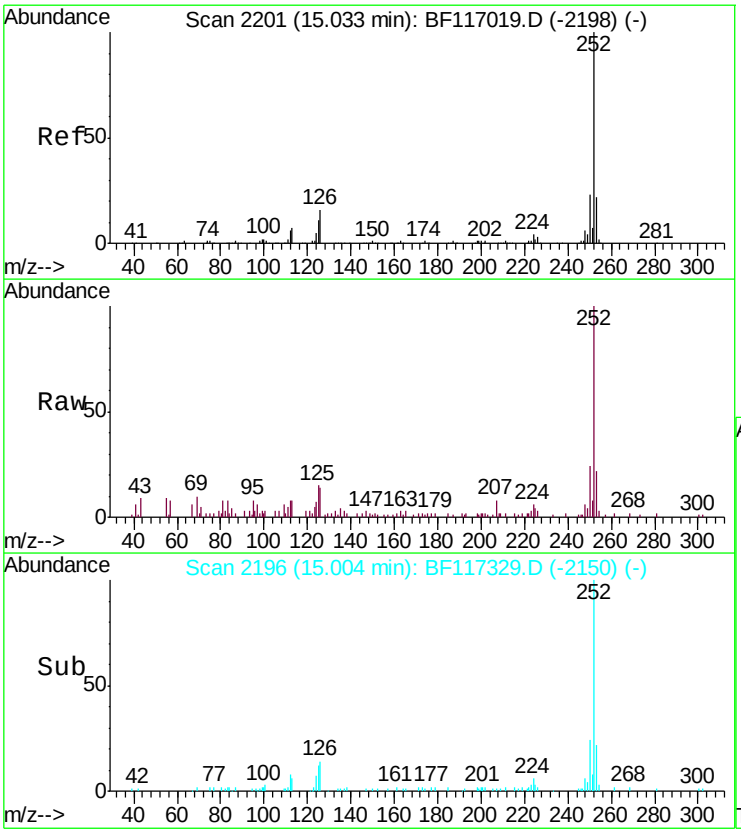
#88
Benzo(b)fluoranthene
Concen: 7.586 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:252 Resp: 43175

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	14.8	8.6	12.8#

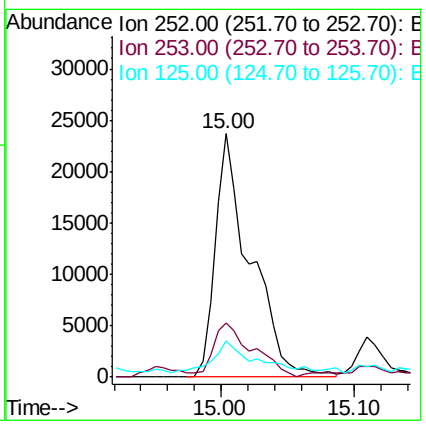


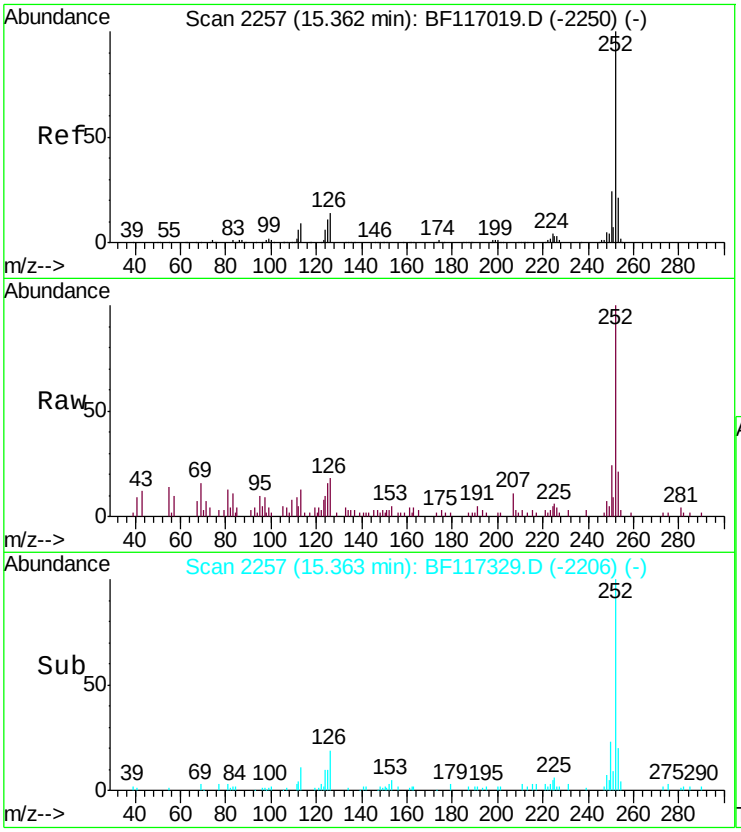


#89
Benzo(k)fluoranthene
Concen: 8.008 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:252 Resp: 43175

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	14.8	8.8	13.2#



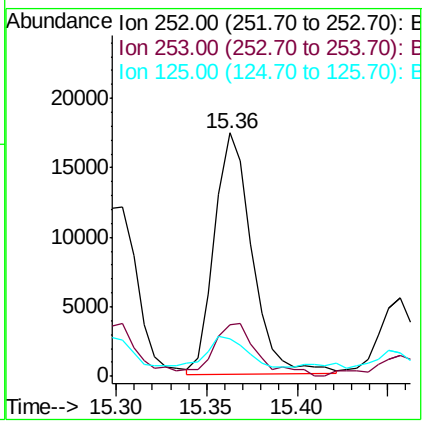


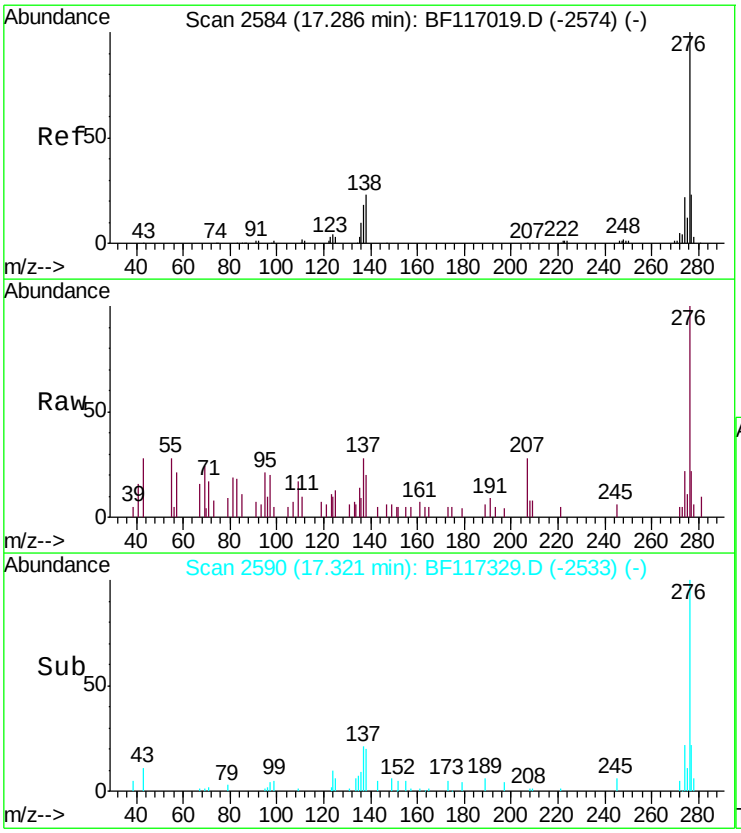
#90
Benzo(a)pyrene
Concen: 5.029 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Instrument :
BNA_F
ClientSampleId :
NB-08-100219

Tgt Ion:252 Resp: 25119

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.6	25.0
125	15.6	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 4.368 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117329.D
Acq: 3 Oct 2019 21:06

Tgt Ion:276 Resp: 17316

Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.6	27.8
138	20.1	18.0	27.0