Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117597.D
Acq On : 29 Oct 2019 18:04
Operator : JU
Sample : K5541-13 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 03:32:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41512	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	144489	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	57918	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	91462	20.00	ng		0.00
76) Chrysene-d12	13.89	240	82950	20.00	ng		0.00
87) Perylene-d12	15.33	264	60663	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	96832	34.70	ng		0.00
7) Phenol-d6	6.40	99	126299	33.70	ng		0.02
23) Nitrobenzene-d5	7.30	82	76164	26.02	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	15977	31.88	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	110609	26.91	ng		-0.01
79) Terphenyl-d14	12.83	244	104842	20.62	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	128	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.30	70	8997	3.931	ng	#	79
25) Isophorone	7.30	82	76164	15.043	ng	#	65
50) Dimethylphthalate	9.48	163	18713	4.532	ng		97
51) 2,6-Dinitrotoluene	9.76	165	7376	8.561	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	7376	6.439	ng	#	12
71) Phenanthrene	11.27	178	11535	2.172	ng		96
75) Fluoranthene	12.46	202	29582	5.564	ng		99
77) Benzidine	12.72	184	151	Below Cal		#	1
78) Pyrene	12.69	202	28795	4.041	ng		98
80) Butylbenzylphthalate	13.30	149	17817	5.025	ng		98
81) Benzo(a)anthracene	13.89	228	13607	2.432	ng		99
83) Chrysene	13.92	228	13906	2.536	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	19784	3.983	ng	#	98
88) Benzo(b)fluoranthene	14.93	252	23145	6.461	ng	#	87
89) Benzo(k)fluoranthene	14.93	252	23145	6.304	ng	#	86
90) Benzo(a)pyrene	15.28	252	9832	3.019	ng	#	65
92) Benzo(g,h,i)perylene	17.19	276	8753	3.285	ng	#	76

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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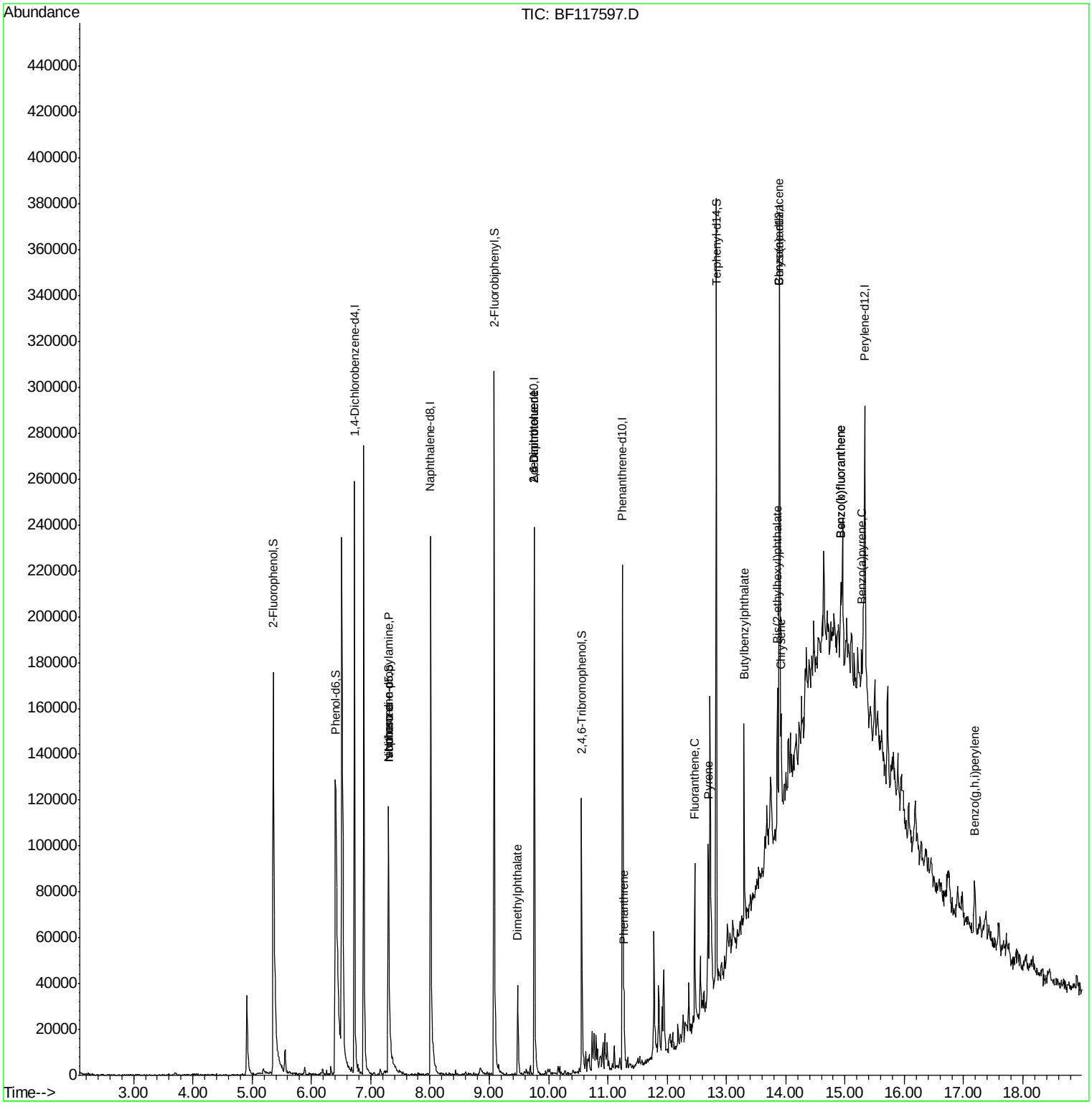
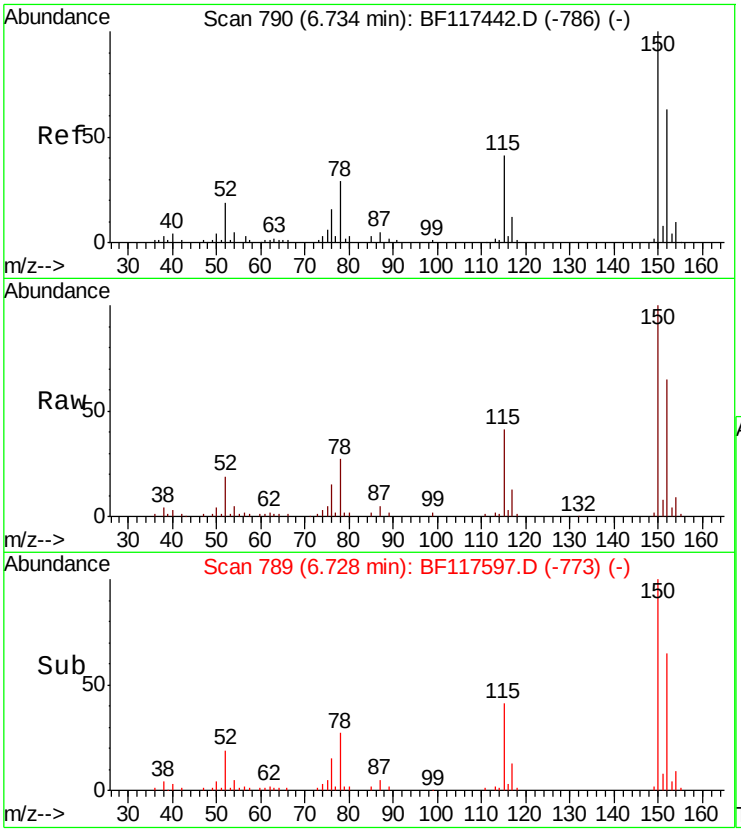


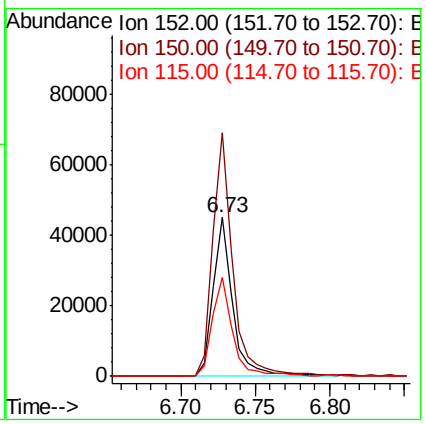


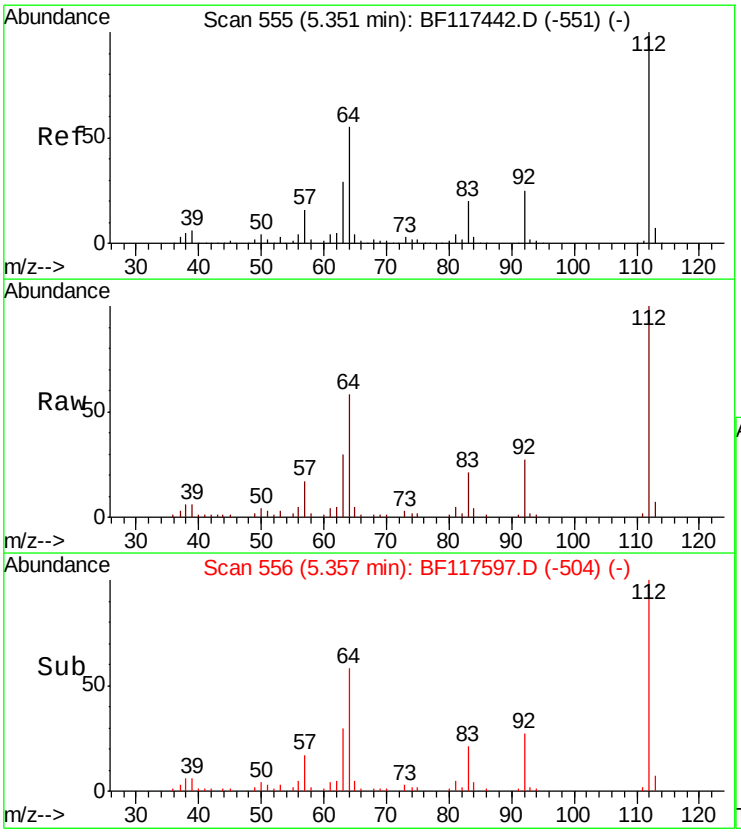
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41512

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.8	190.2
115	62.3	51.6	77.4

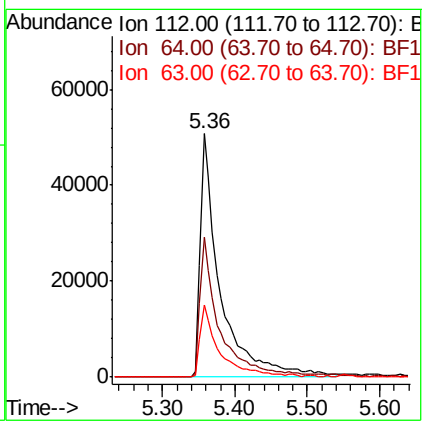


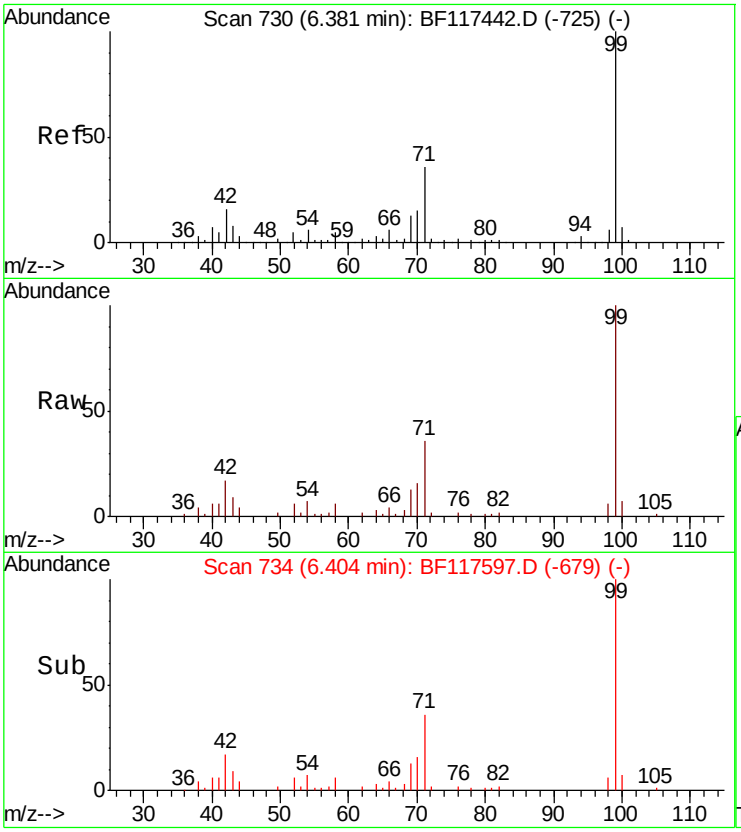


#5
2-Fluorophenol
Concen: 34.703 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:112 Resp: 96832

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	29.8	23.4	35.2



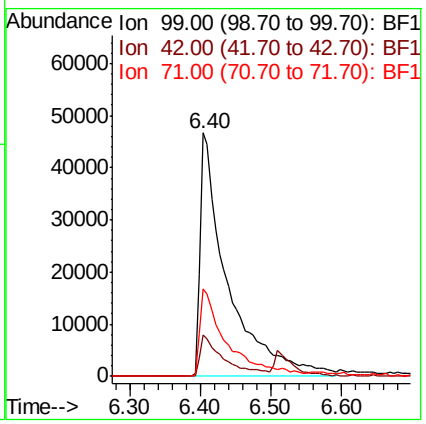


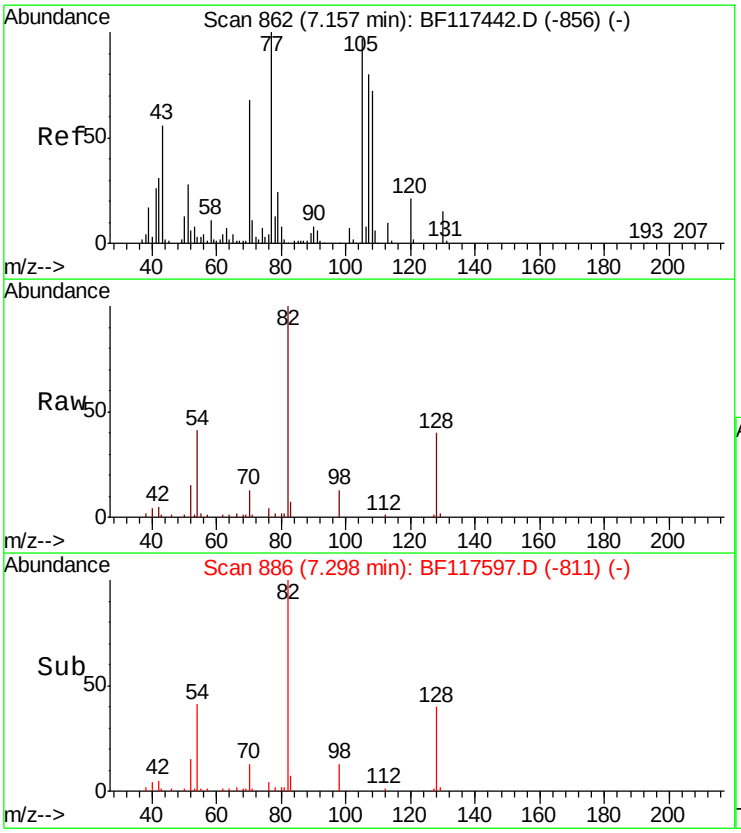
#7
Phenol-d6
Concen: 33.700 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 126299

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	36.1	28.6	43.0

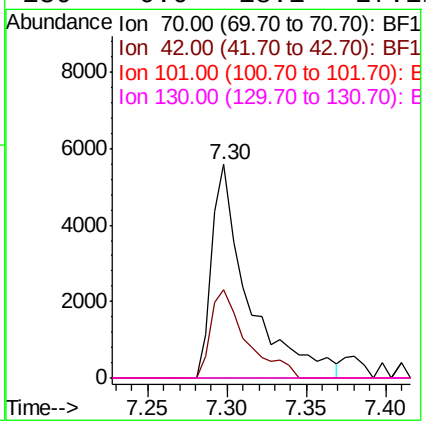


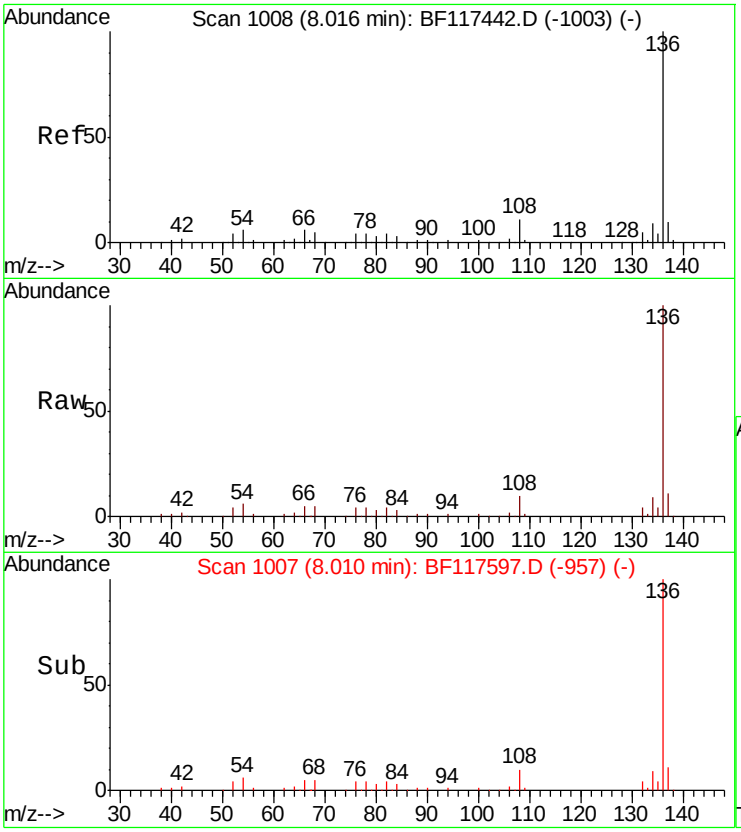


#19
n-Nitroso-di-n-propylamine
Concen: 3.931 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion: 70 Resp: 8997

Ion	Ratio	Lower	Upper
70	100		
42	41.2	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#



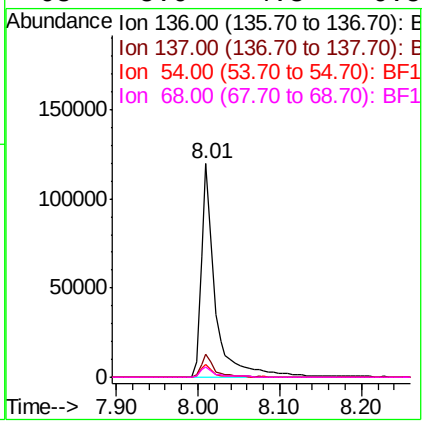


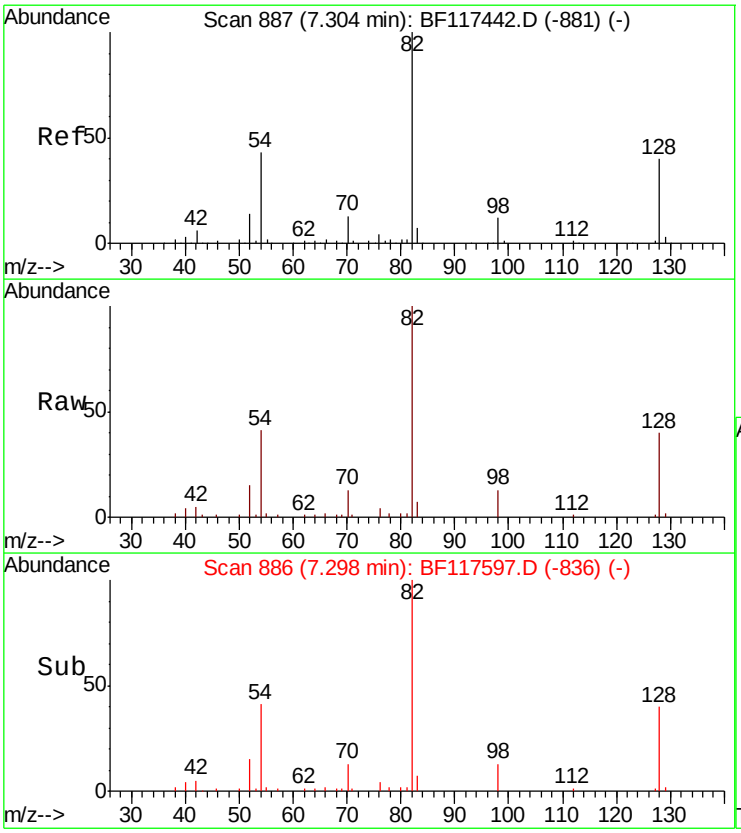
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 144489

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.9	4.5	6.7
68	5.0	4.3	6.5

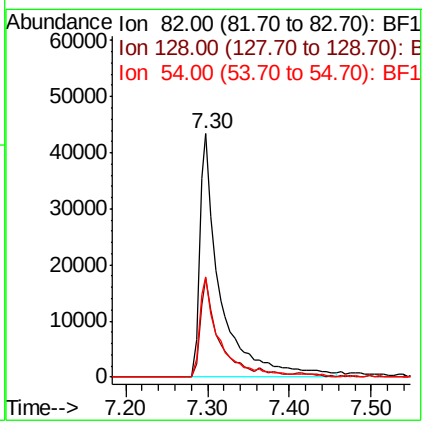


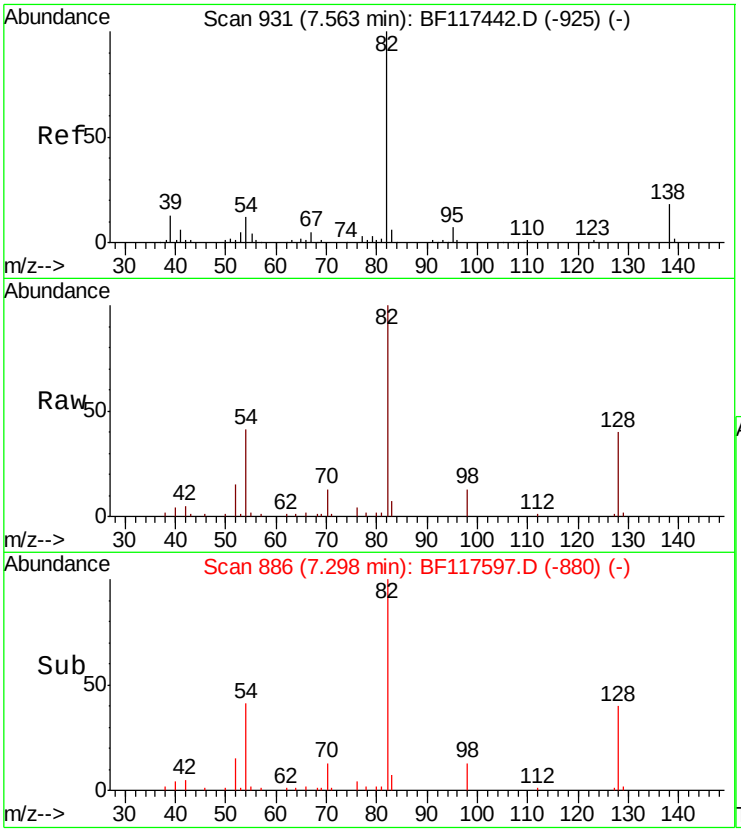


#23
Nitrobenzene-d5
Concen: 26.023 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion: 82 Resp: 76164

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	41.1	34.2	51.2



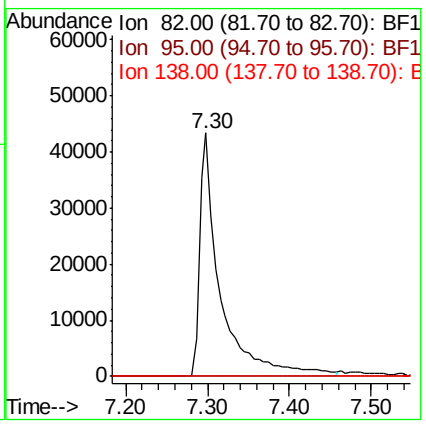


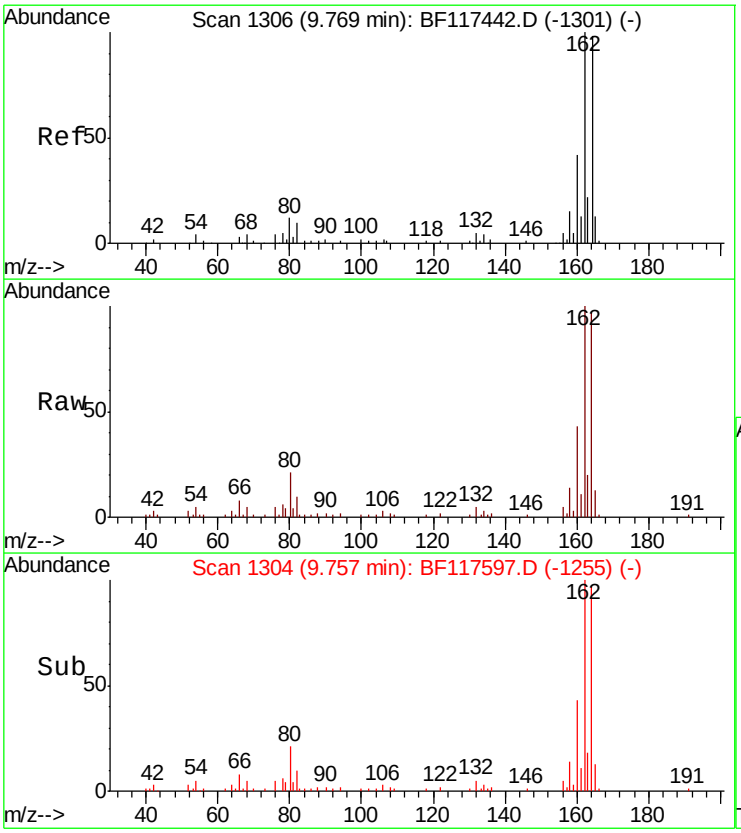
#25
Isophorone
Concen: 15.043 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 76164

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

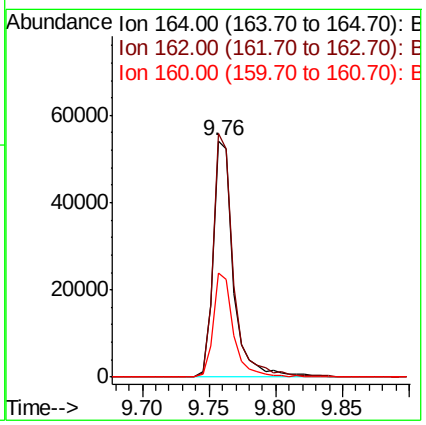


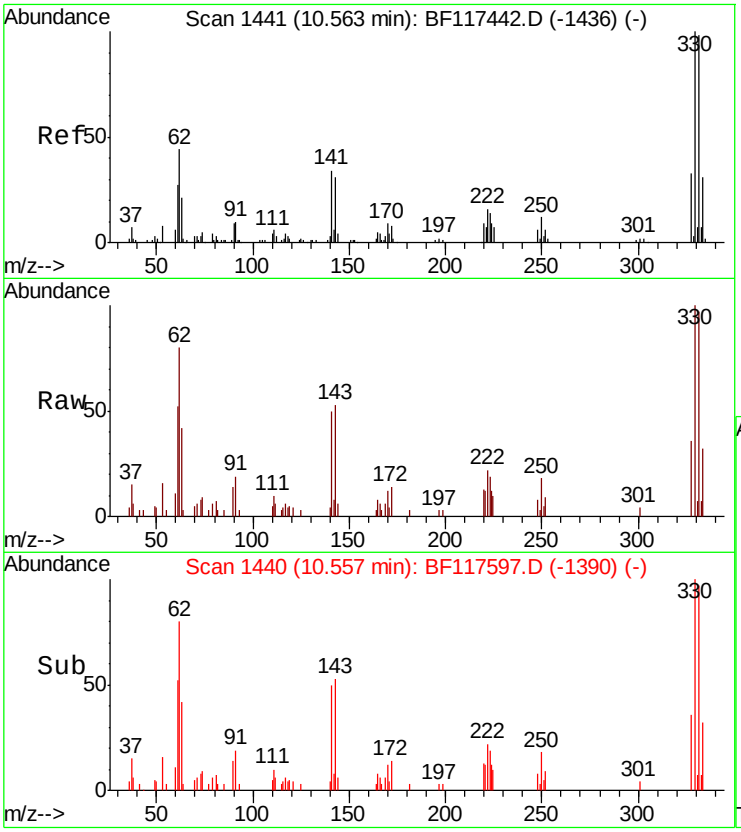


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:164 Resp: 57918

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	44.2	34.4	51.6



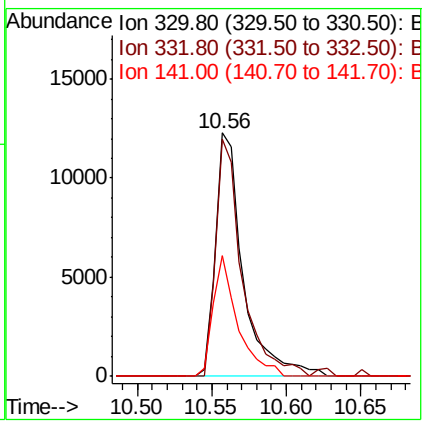


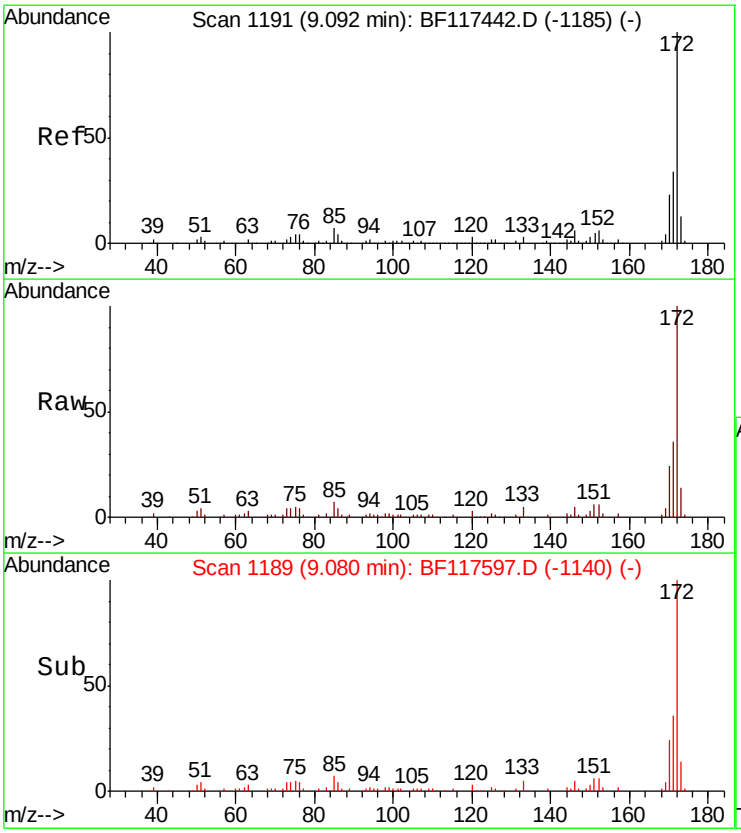
#42
2,4,6-Tribromophenol
Concen: 31.881 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 15977

Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.5	117.7
141	43.7	37.0	55.6

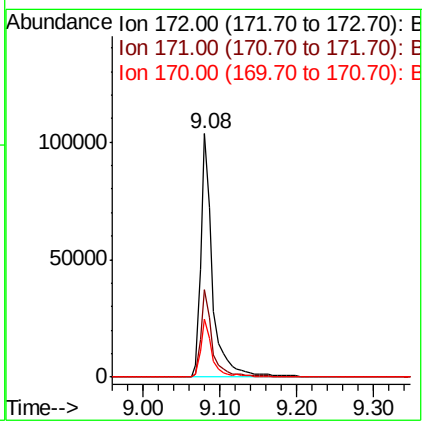


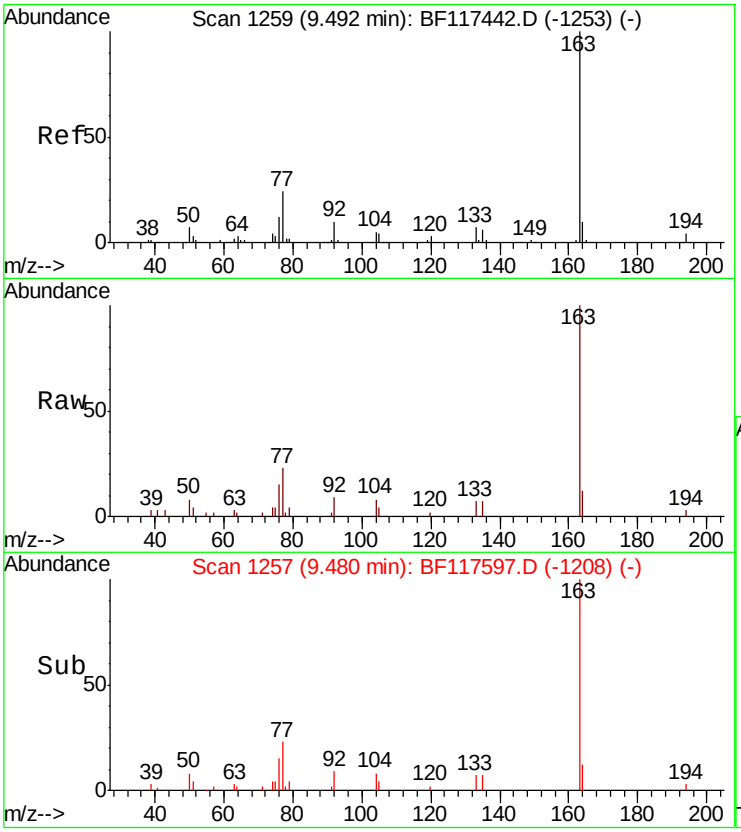


#45
2-Fluorobiphenyl
Concen: 26.908 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:172 Resp: 110609

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.5	41.3
170	23.6	18.6	27.8



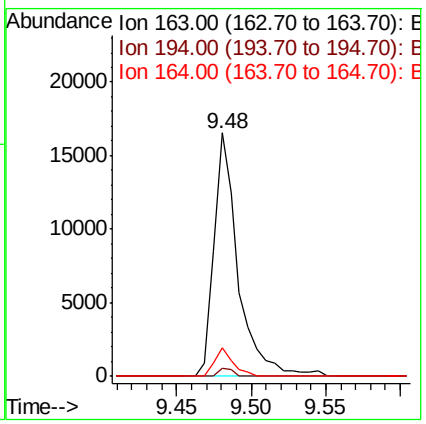


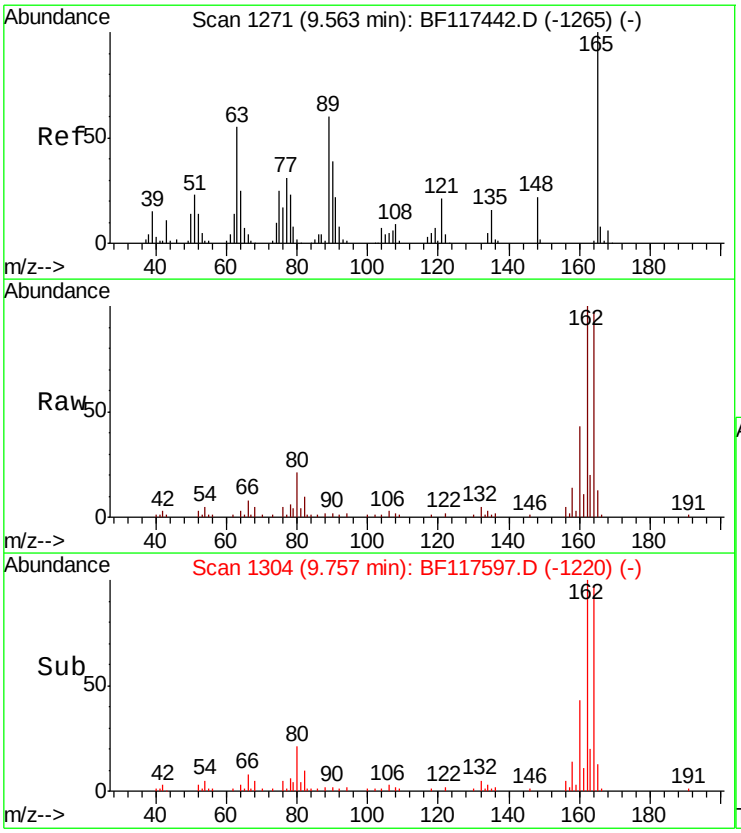
#50
Dimethylphthalate
Concen: 4.532 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 18713

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	11.6	8.2	12.2

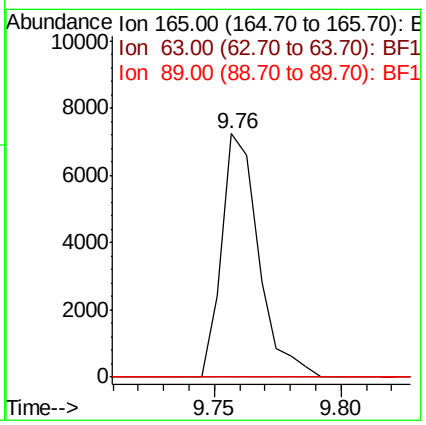


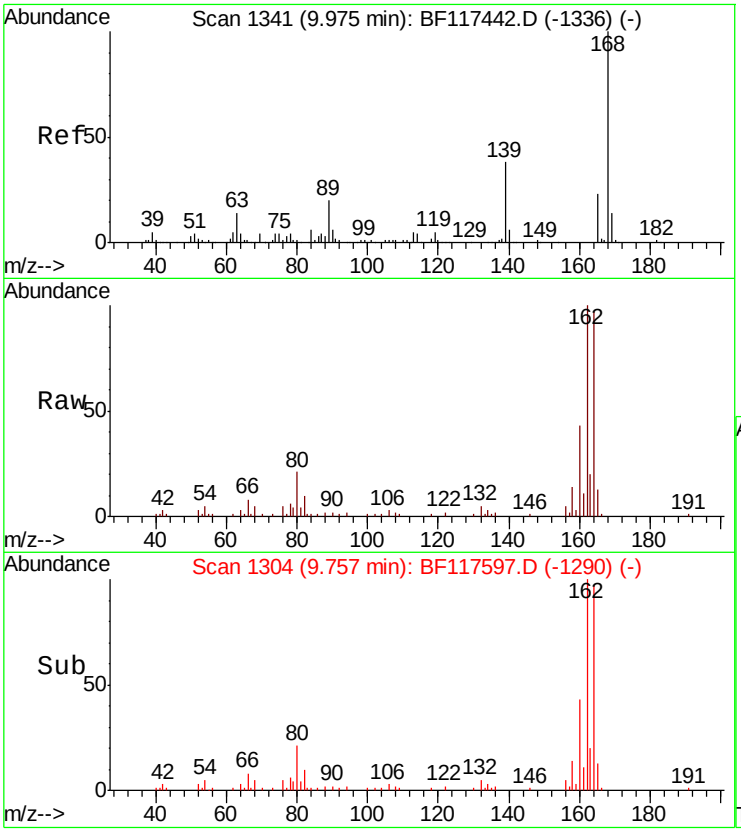


#51
2,6-Dinitrotoluene
Concen: 8.561 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:165 Resp: 7376

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



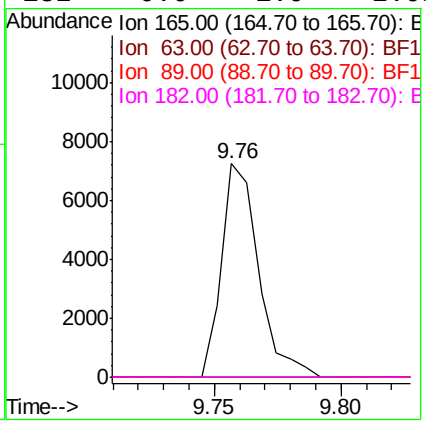


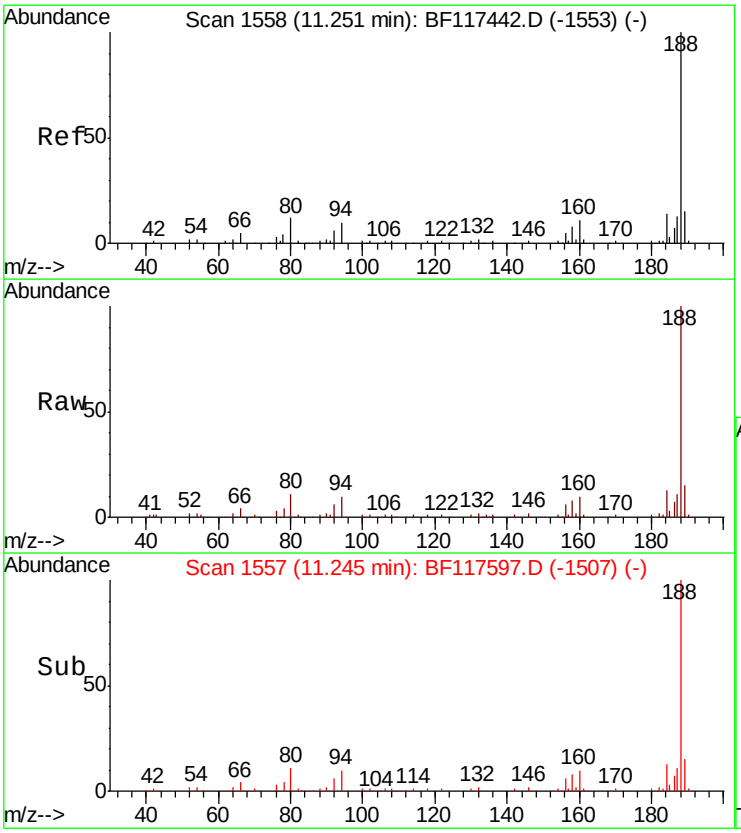
#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7376

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

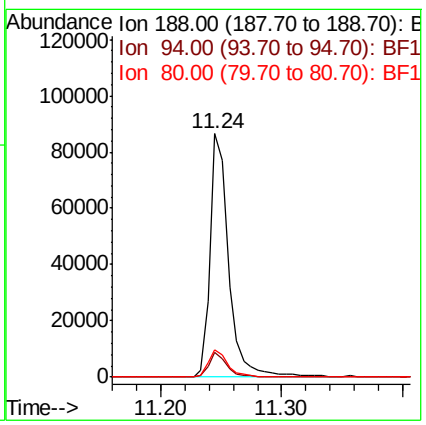


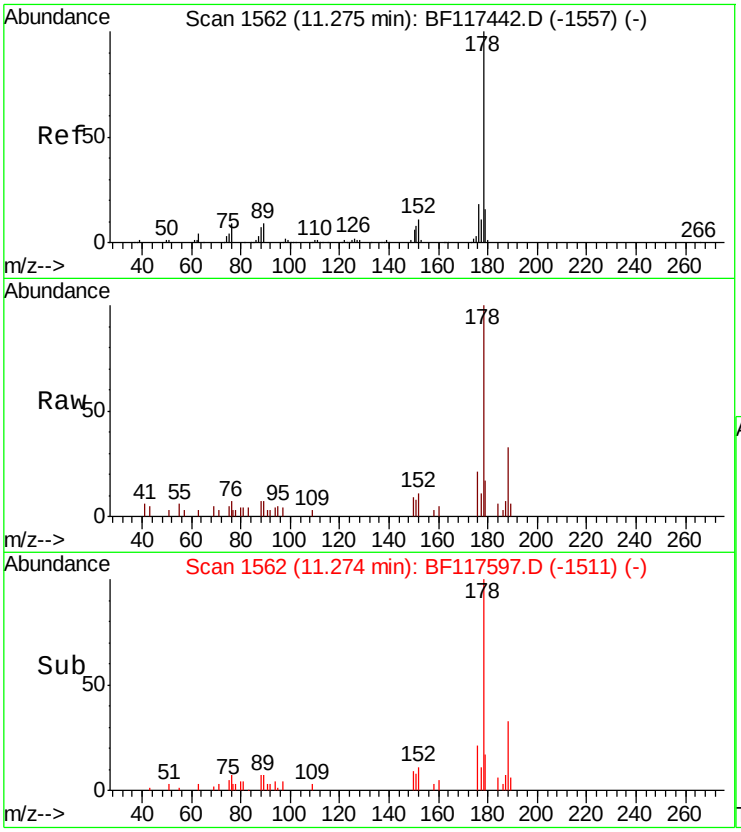


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:188 Resp: 91462

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	11.0	9.5	14.3



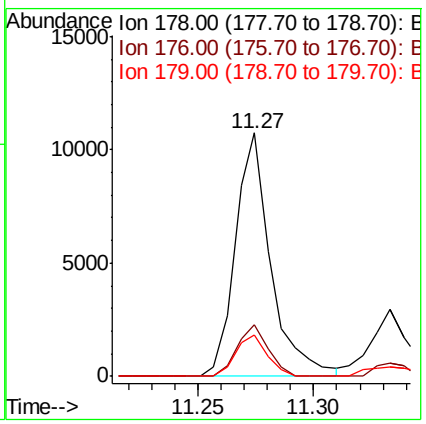


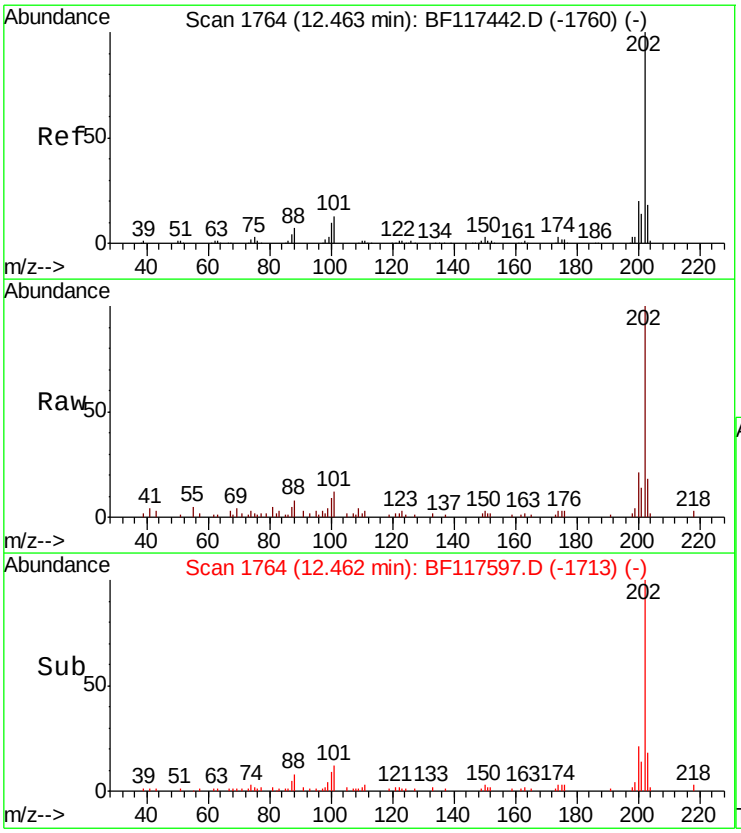
#71
Phenanthrene
Concen: 2.172 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 11535

Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.6	22.0
179	16.9	12.6	19.0

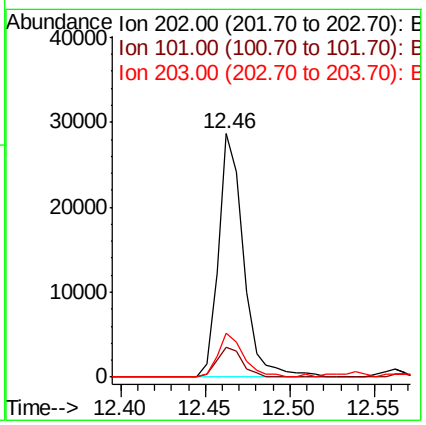


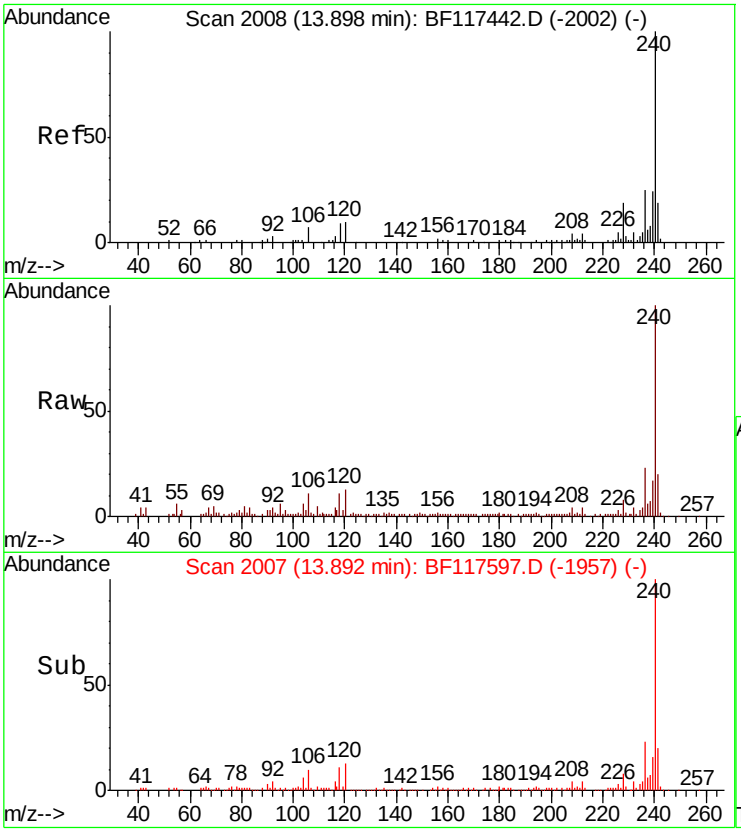


#75
Fluoranthene
Concen: 5.564 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:202 Resp: 29582

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.7
203	17.9	0.0	37.6



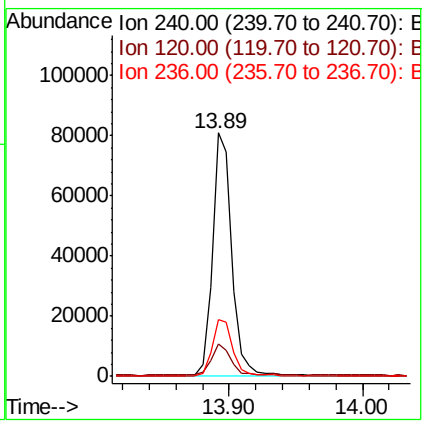


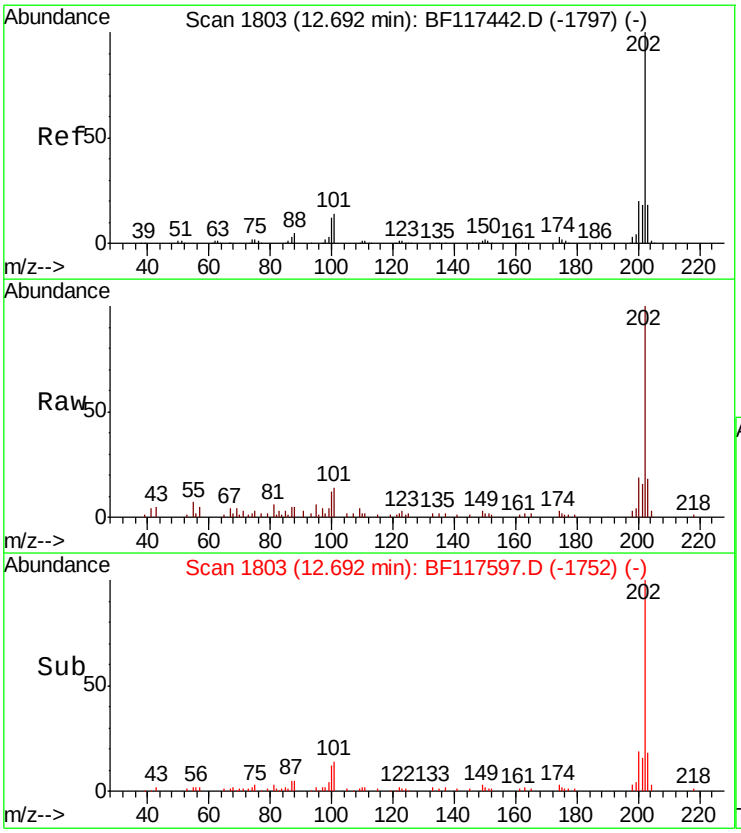
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 82950

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	23.4	20.0	30.0

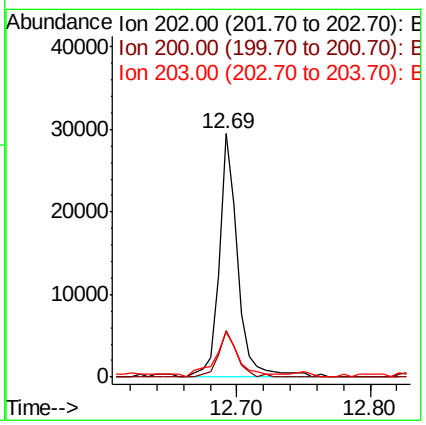


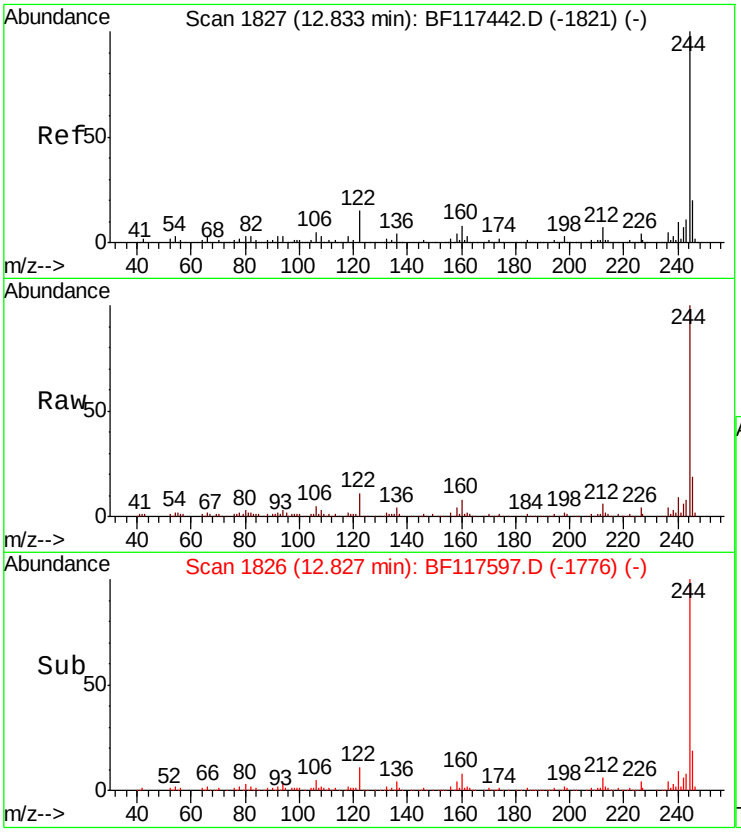


#78
Pyrene
Concen: 4.041 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:202 Resp: 28795

Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.2	24.2
203	18.5	14.0	21.0



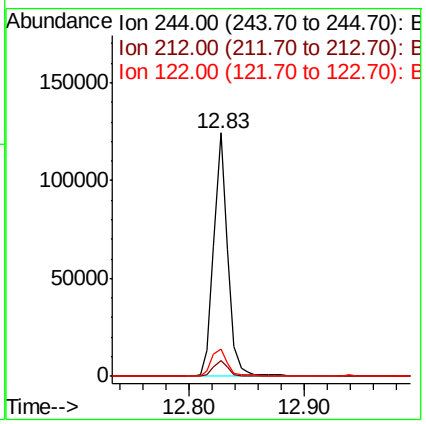


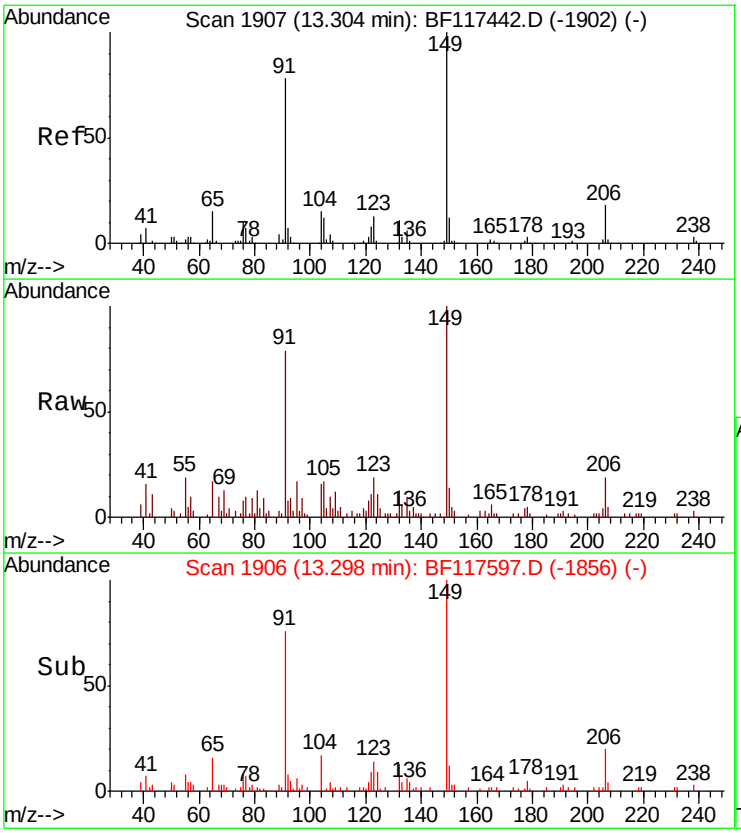
#79
Terphenyl-d14
Concen: 20.616 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 104842

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.5	11.8	17.8#

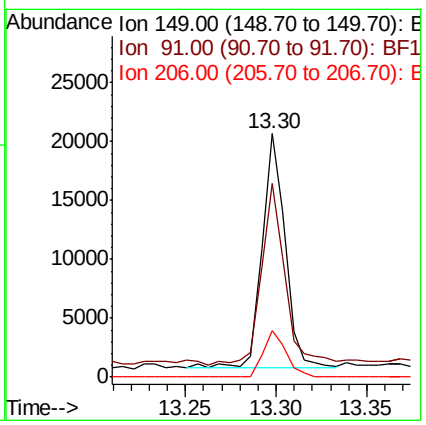


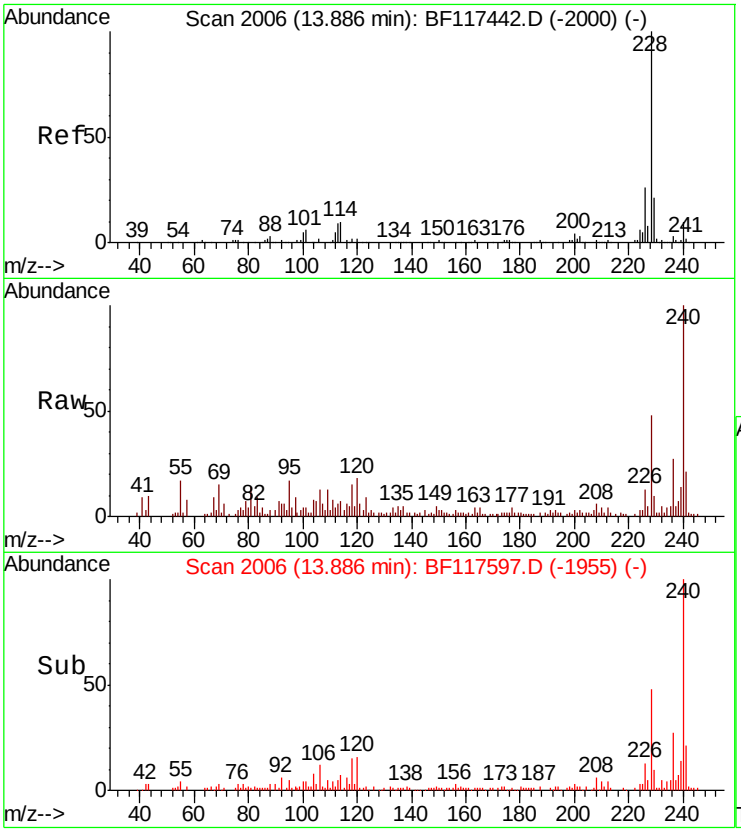


#80
Butylbenzylphthalate
Concen: 5.025 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:149 Resp: 17817

Ion	Ratio	Lower	Upper
149	100		
91	79.5	62.1	93.1
206	18.9	14.3	21.5



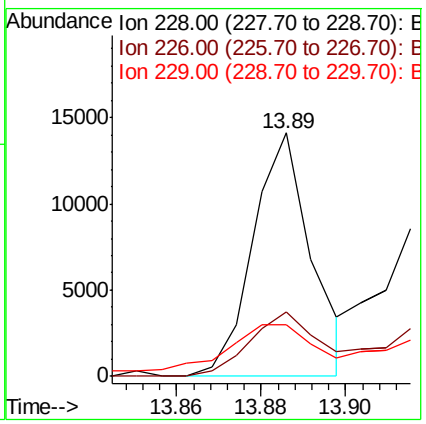


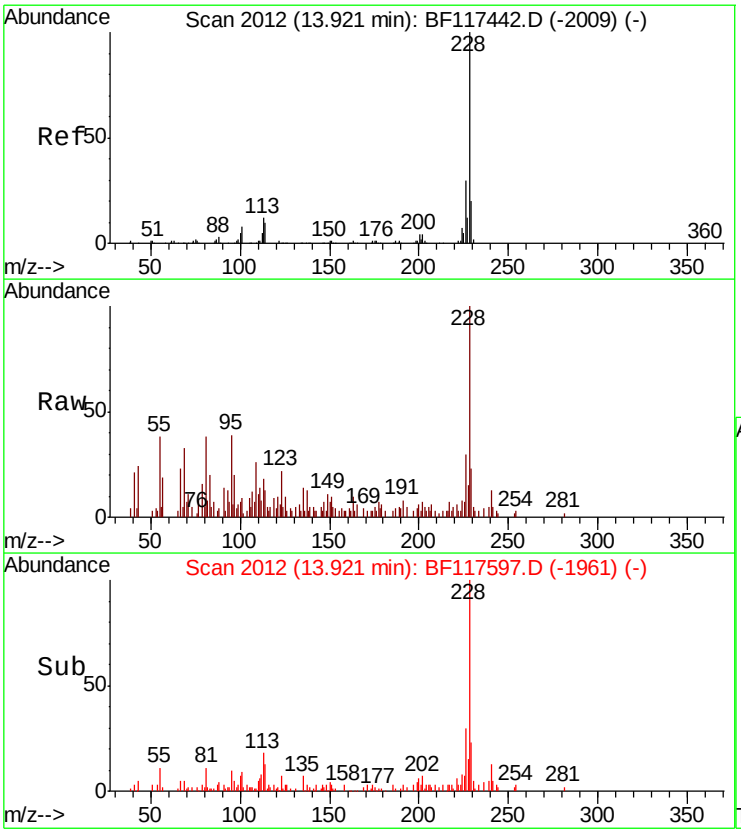
#81
Benzo(a)anthracene
Concen: 2.432 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 13607

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	21.4	16.4	24.6

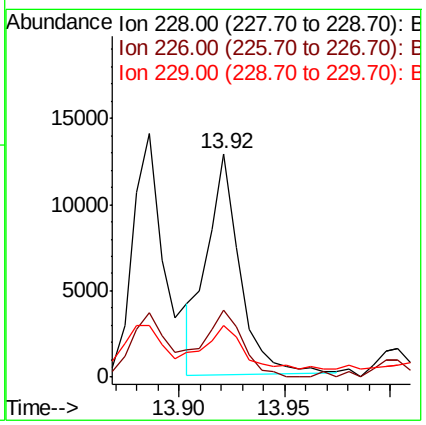


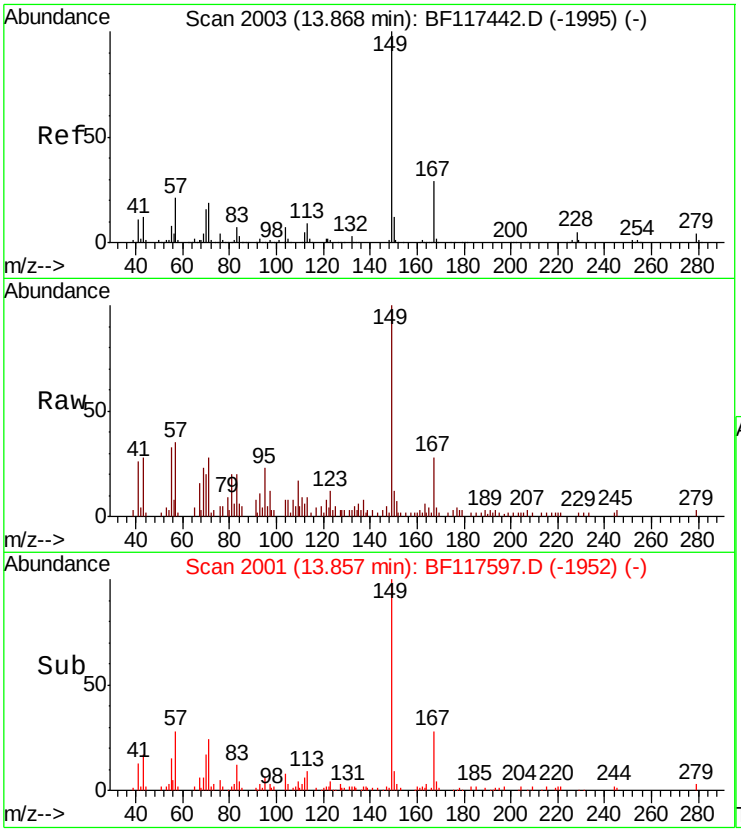


#83
Chrysene
Concen: 2.536 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:228 Resp: 13906

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	23.1	15.8	23.6



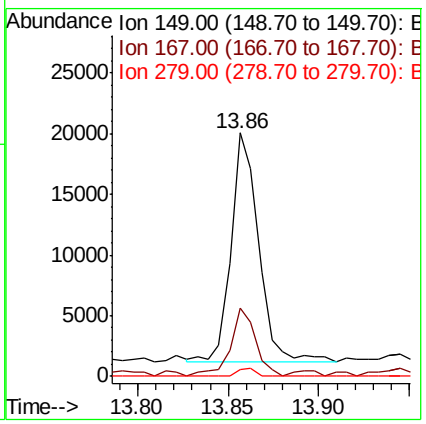


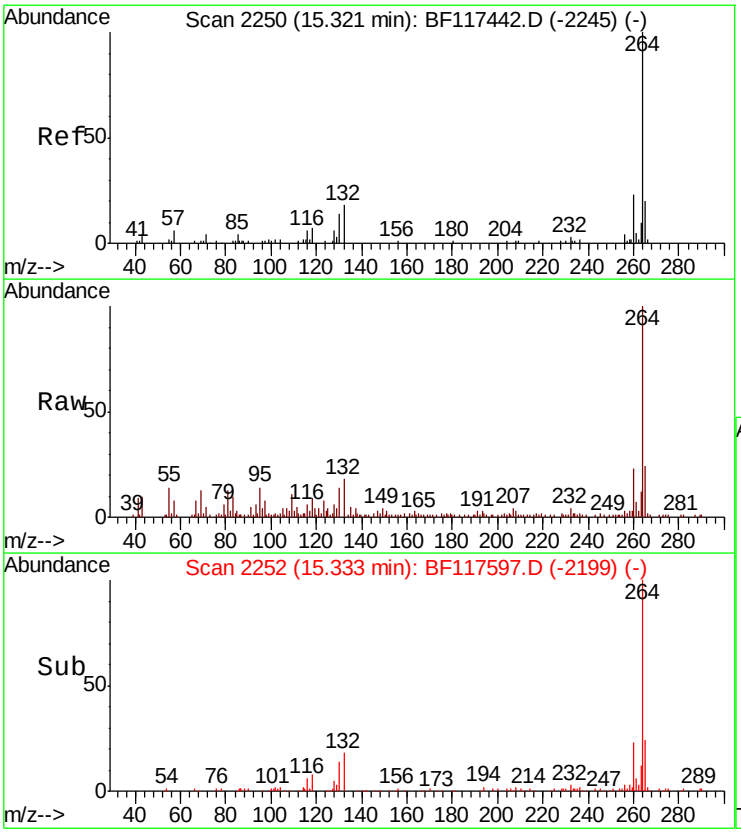
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.983 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 19784

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.3	34.9
279	2.9	3.2	4.8#

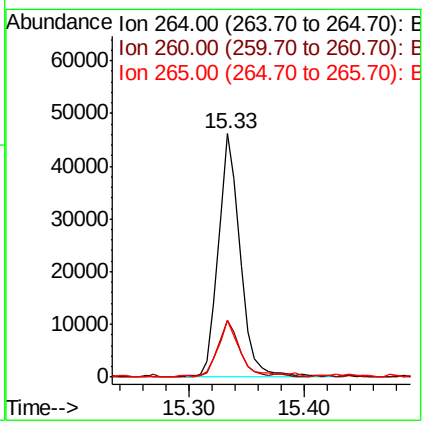


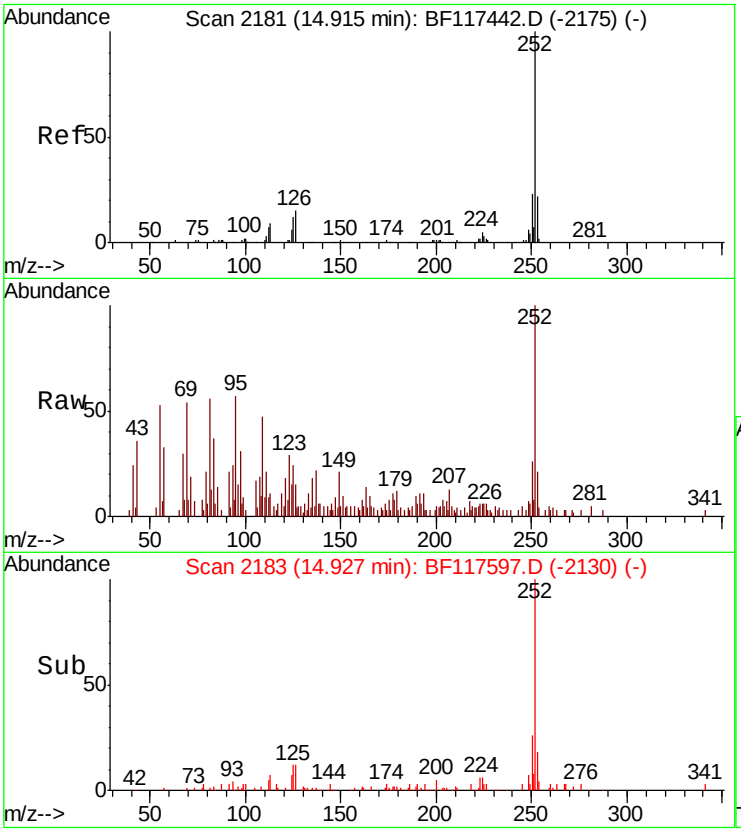


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:264 Resp: 60663

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	23.5	16.1	24.1



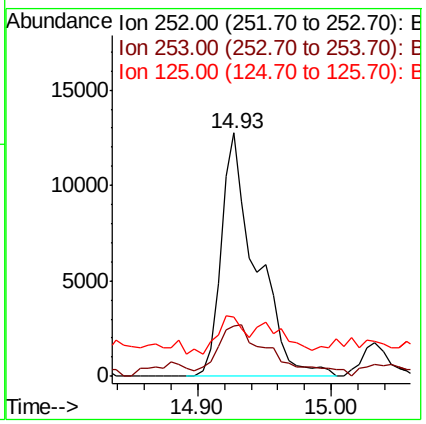


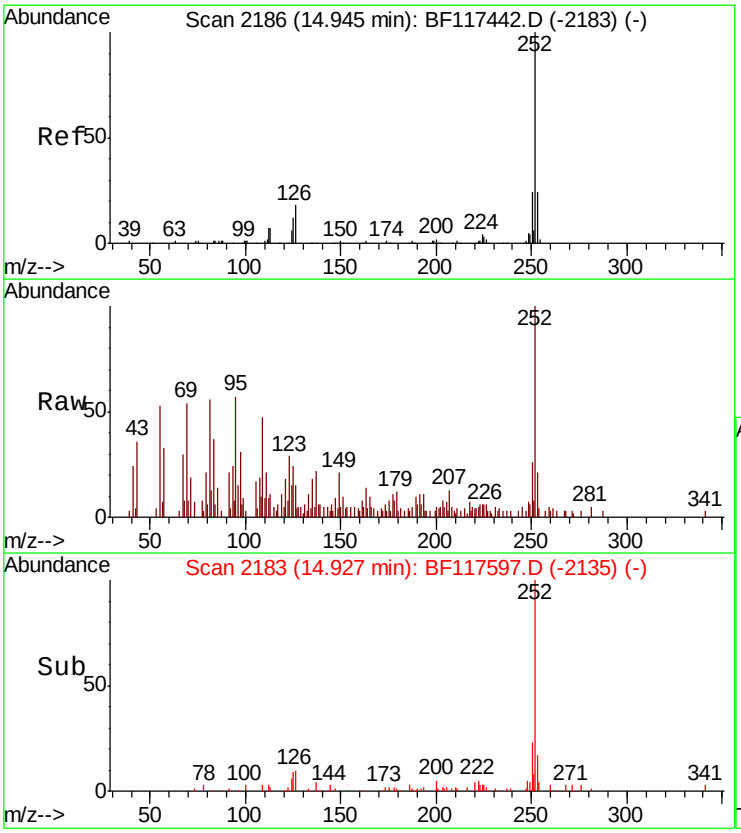
#88
Benzo(b)fluoranthene
Concen: 6.461 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 23145

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	24.3	9.9	14.9#

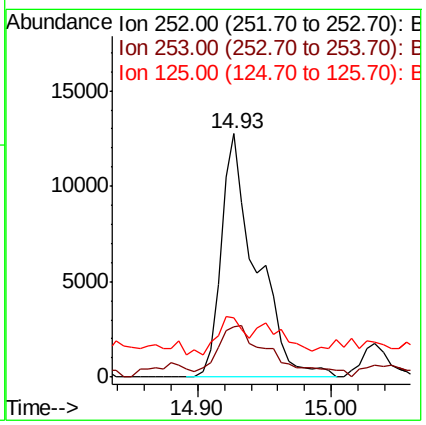


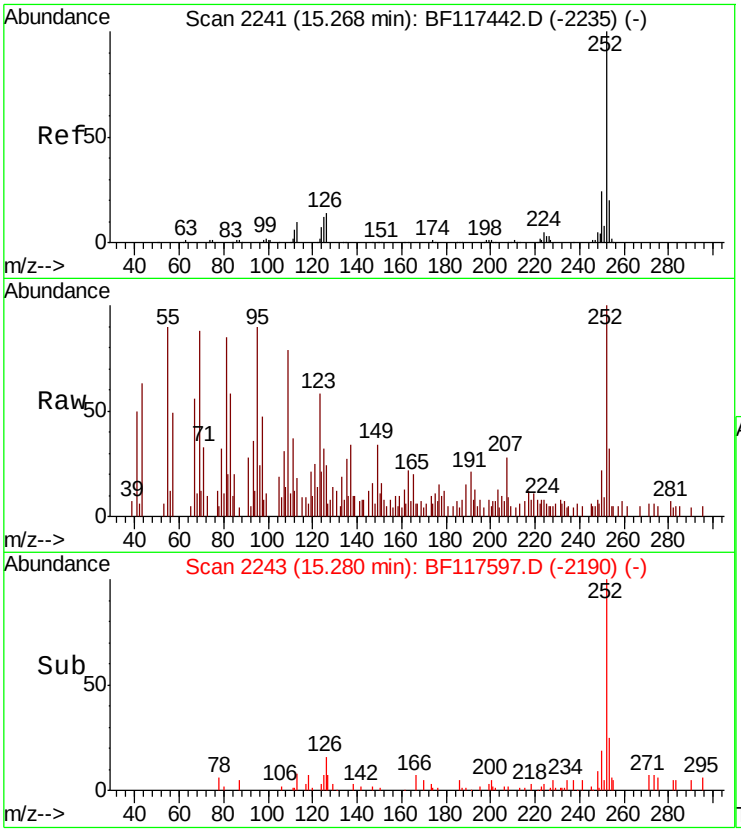


#89
Benzo(k)fluoranthene
Concen: 6.304 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:252 Resp: 23145

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	24.3	8.9	13.3#



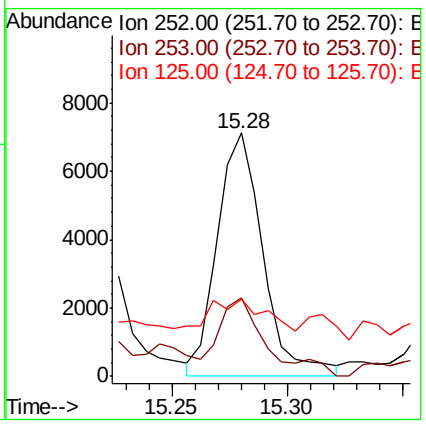


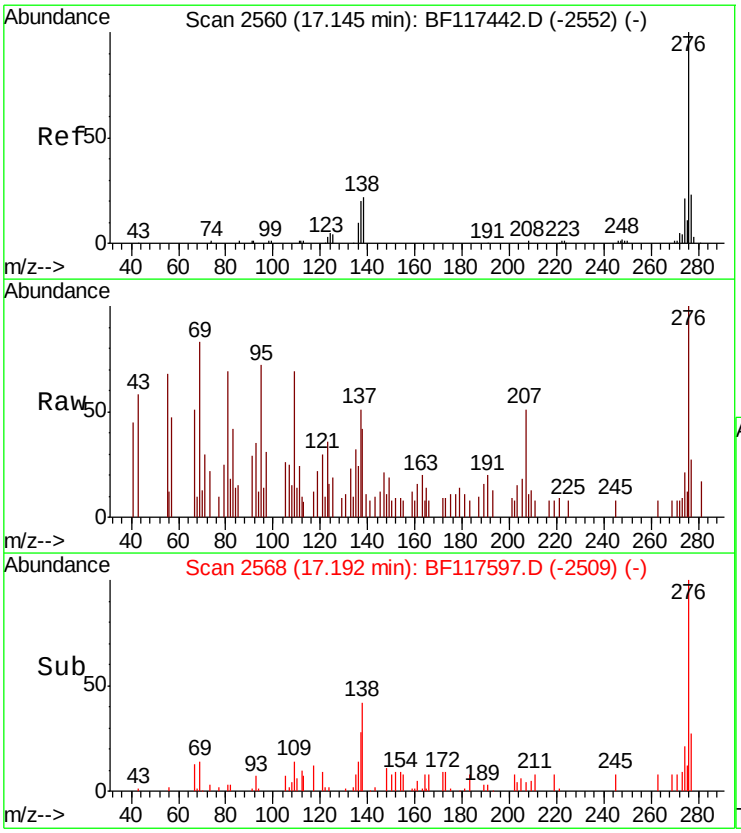
#90
Benzo(a)pyrene
Concen: 3.019 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 9832

Ion	Ratio	Lower	Upper
252	100		
253	32.0	16.3	24.5#
125	31.7	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 3.285 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion:276 Resp: 8753

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.4	27.6
138	42.1	17.8	26.6#