Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117323.D
Acq On : 3 Oct 2019 18:26
Operator : JU
Sample : K5160-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-3-1

Quant Time: Oct 04 03:19:39 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	54796	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	218614	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	111787	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	178492	20.00	ng		0.00
76) Chrysene-d12	13.97	240	104356	20.00	ng		0.00
87) Perylene-d12	15.42	264	91442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	394928	112.52	ng		0.00
7) Phenol-d6	6.45	99	565271	124.62	ng		0.00
23) Nitrobenzene-d5	7.37	82	353339	84.92	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	115547	123.67	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	616596	86.24	ng		-0.01
79) Terphenyl-d14	12.91	244	537303	96.24	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	719	Below Cal		#	1
10) Phenol	6.46	94	10777	2.155	ng	#	68
19) n-Nitroso-di-n-propylamine	7.37	70	46962	17.003	ng	#	78
25) Isophorone	7.37	82	353337	47.963	ng	#	66
50) Dimethylphthalate	9.56	163	56804	7.177	ng		97
51) 2,6-Dinitrotoluene	9.84	165	14544	9.022	ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	14544	6.950	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	7085	3.887	ng	#	1
75) Fluoranthene	12.54	202	37094	3.561	ng		99
77) Benzidine	12.91	184	7129	2.121	ng	#	95
78) Pyrene	12.77	202	36909	4.215	ng		98
81) Benzo(a)anthracene	13.99	228	19700	2.826	ng		93
83) Chrysene	13.99	228	19700	2.897	ng		97
86) Indeno(1,2,3-cd)pyrene	16.88	276	13549	2.731	ng		96
88) Benzo(b)fluoranthene	15.00	252	32206	5.814	ng	#	86
89) Benzo(k)fluoranthene	15.00	252	32206	6.138	ng	#	86
90) Benzo(a)pyrene	15.36	252	17990	3.701	ng	#	93
92) Benzo(g,h,i)perylene	17.32	276	13907	3.604	ng	#	92

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

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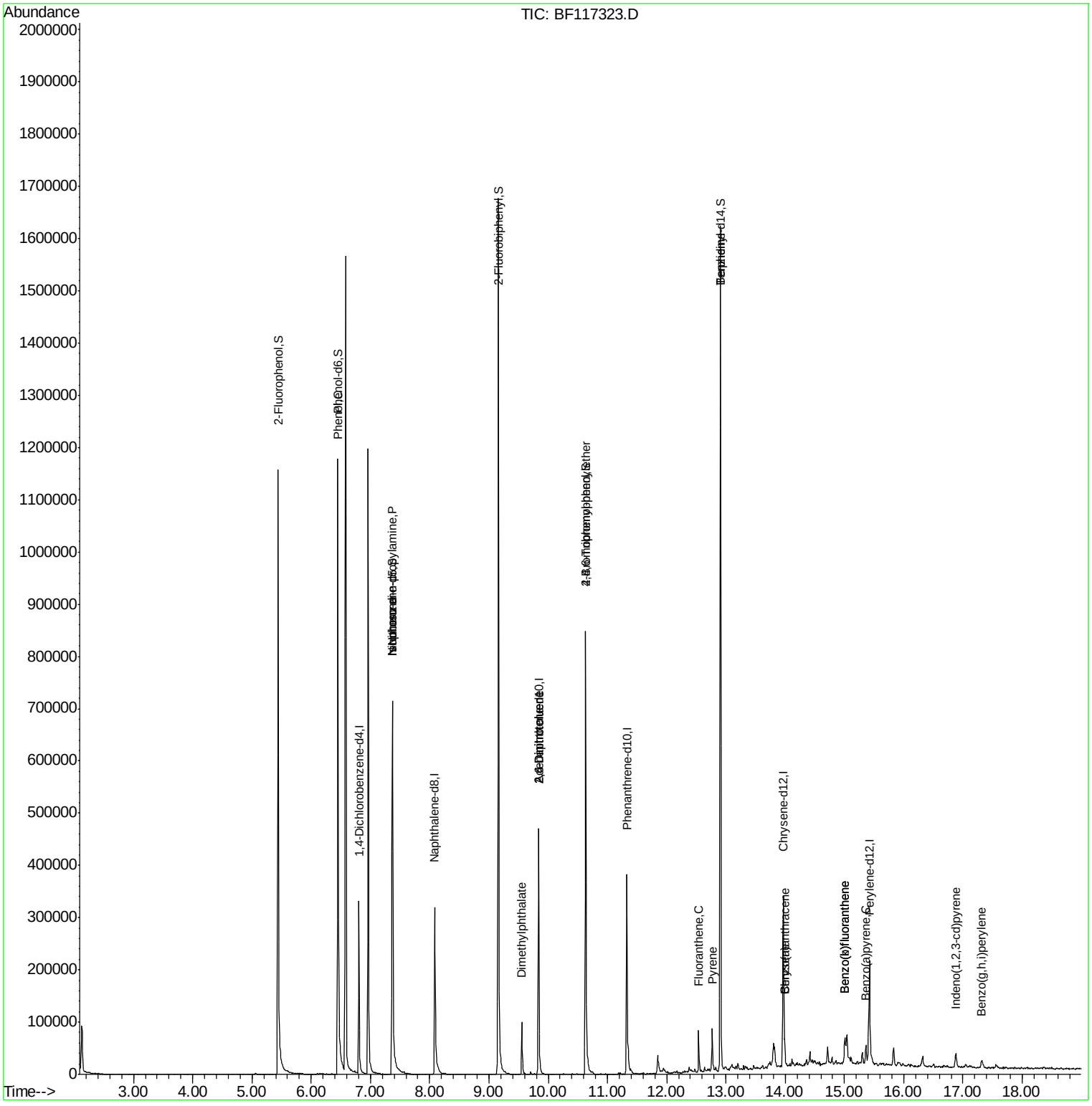
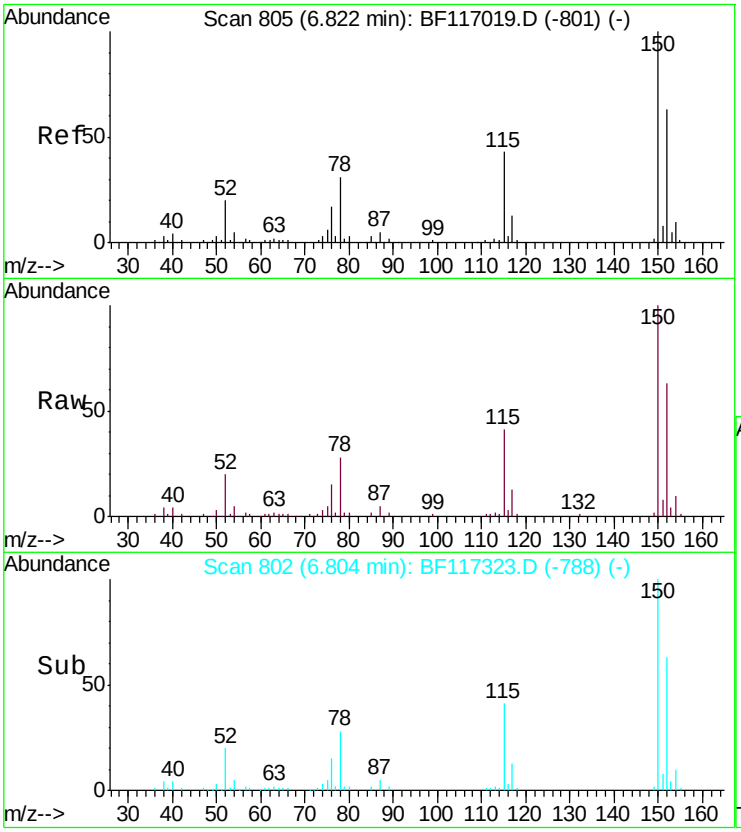


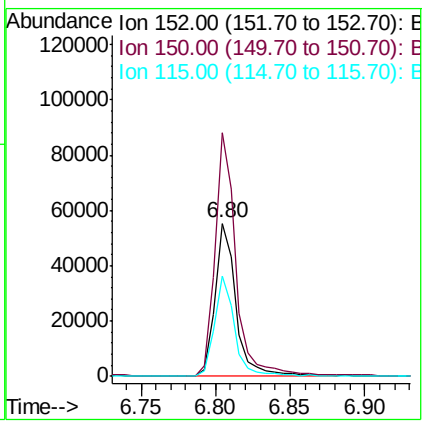


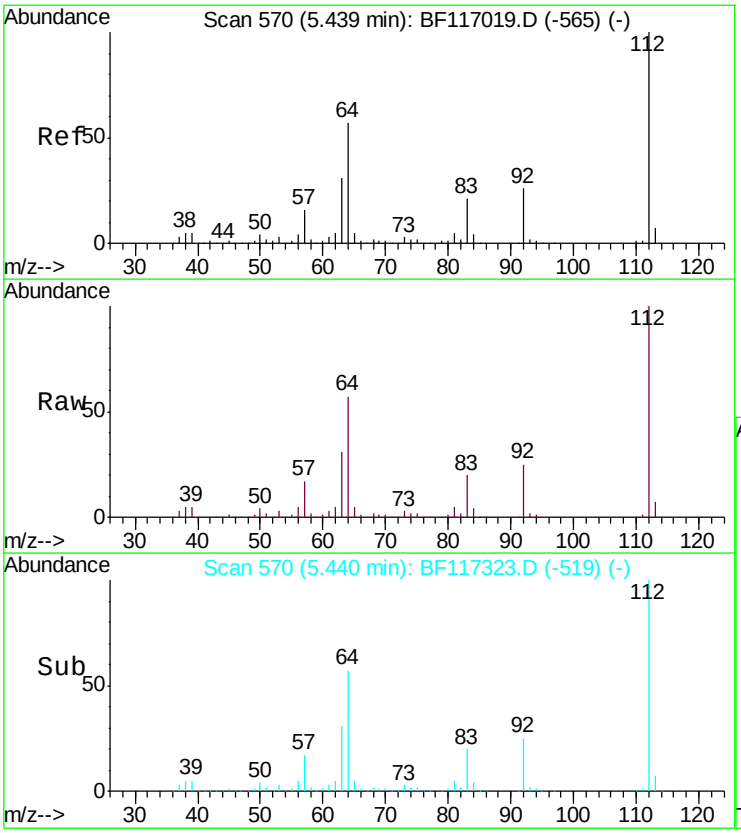
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:152 Resp: 54796

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.5	191.3
115	65.2	55.0	82.4

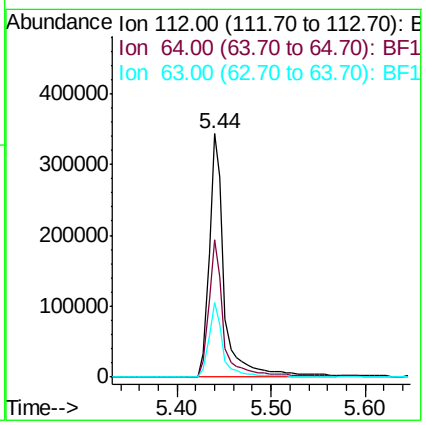


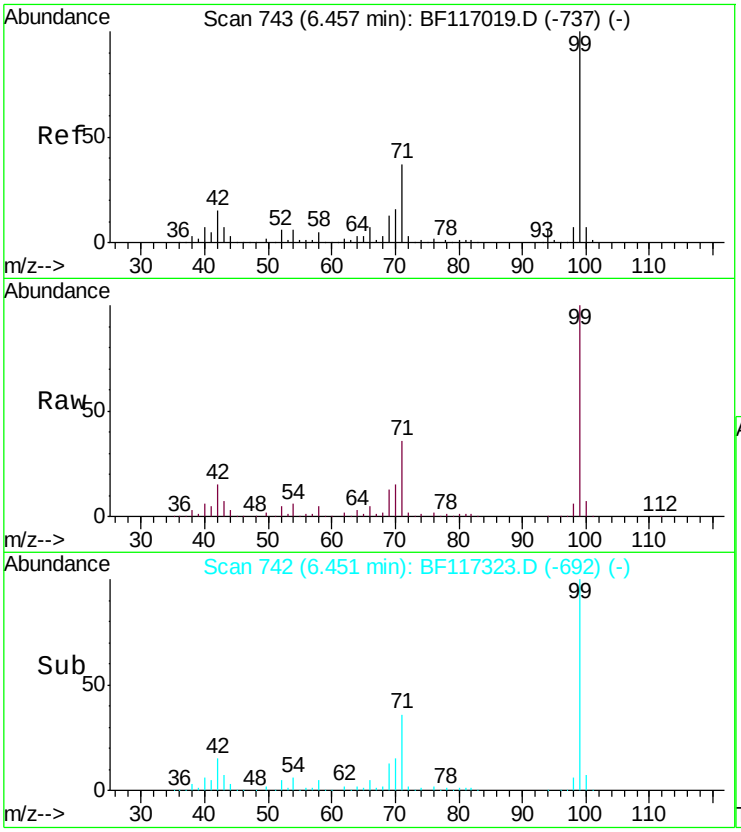


#5
2-Fluorophenol
Concen: 112.523 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:112 Resp: 394928

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	30.6	24.9	37.3



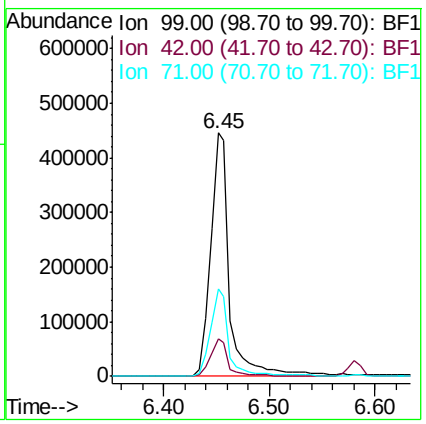


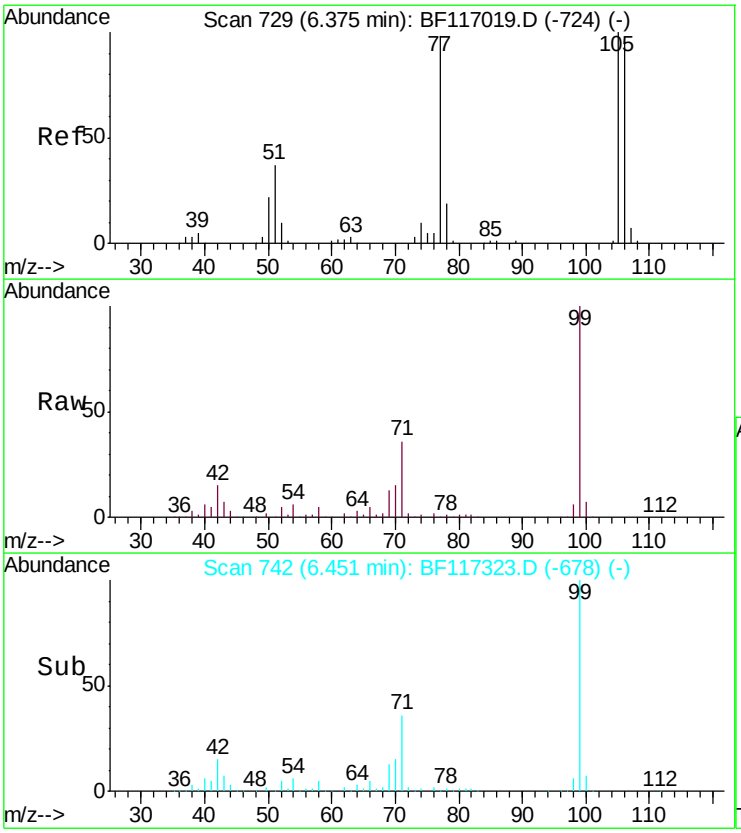
#7
Phenol-d6
Concen: 124.622 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion: 99 Resp: 565271

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	36.1	29.8	44.8

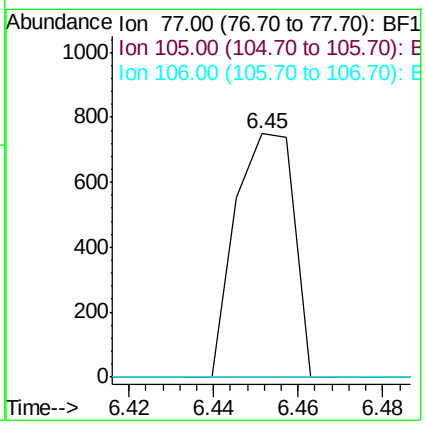


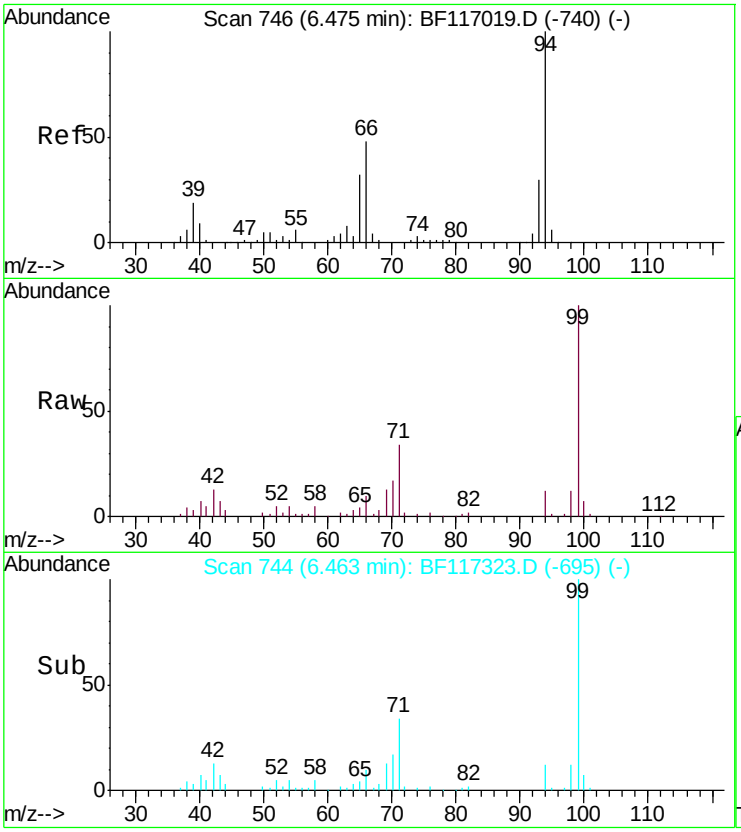


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion: 77 Resp: 719

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



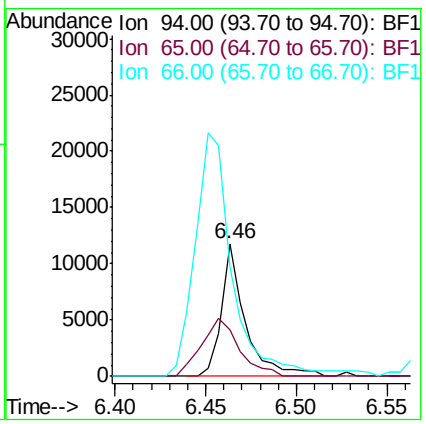


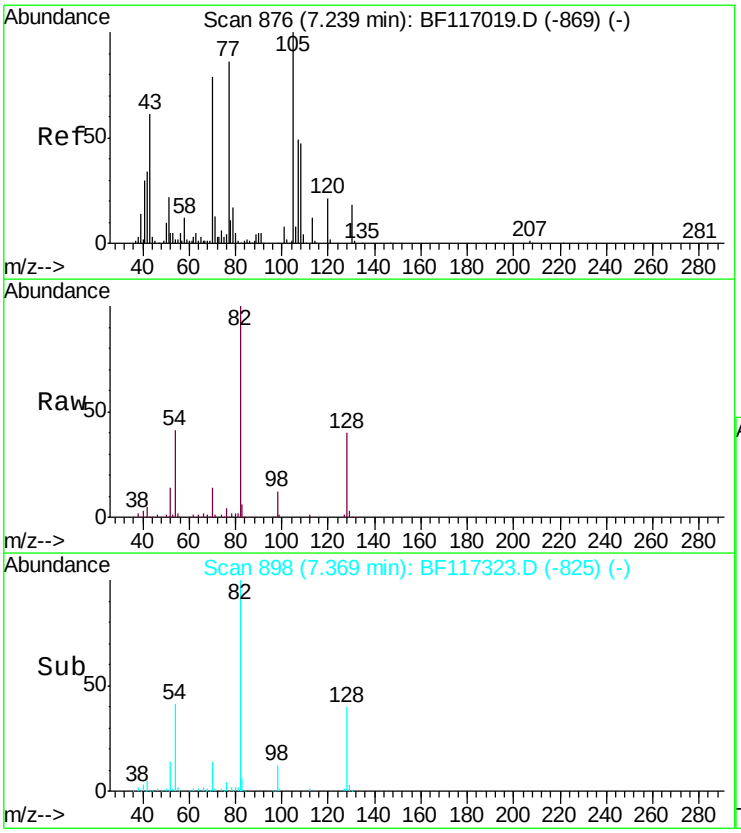
#10
Phenol
Concen: 2.155 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion: 94 Resp: 10777

Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.5	52.5
66	82.8	28.9	68.9#

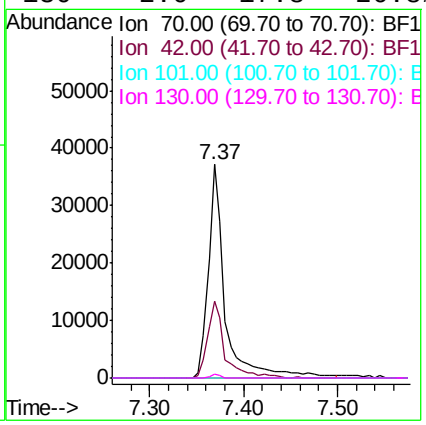


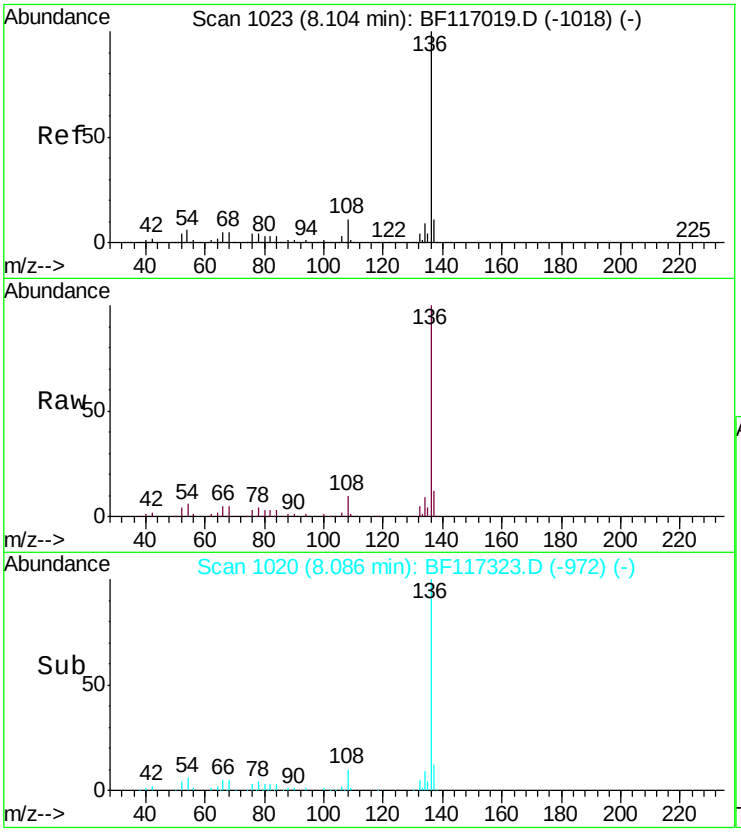


#19
n-Nitroso-di-n-propylamine
Concen: 17.003 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion: 70 Resp: 46962

Ion	Ratio	Lower	Upper
70	100		
42	35.9	34.0	51.0
101	0.0	7.8	11.6#
130	2.0	17.8	26.8#



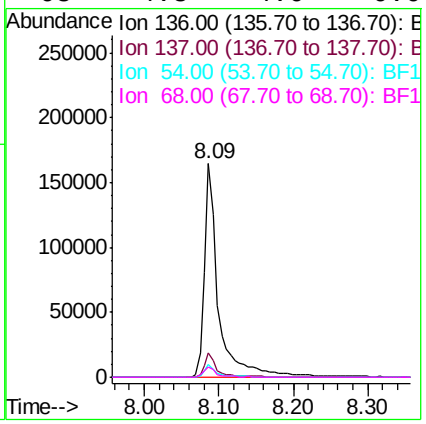


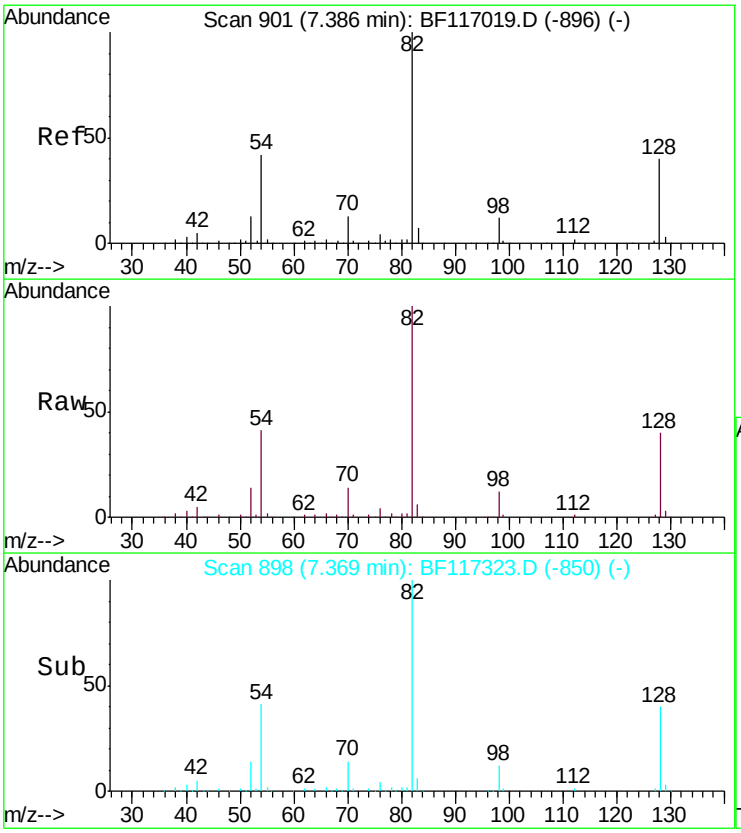
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:136 Resp: 218614

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	5.9	4.5	6.7
68	4.8	4.0	6.0

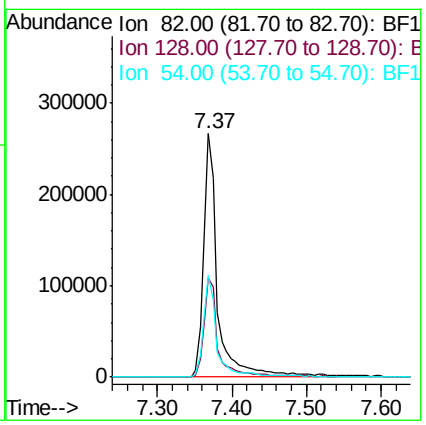


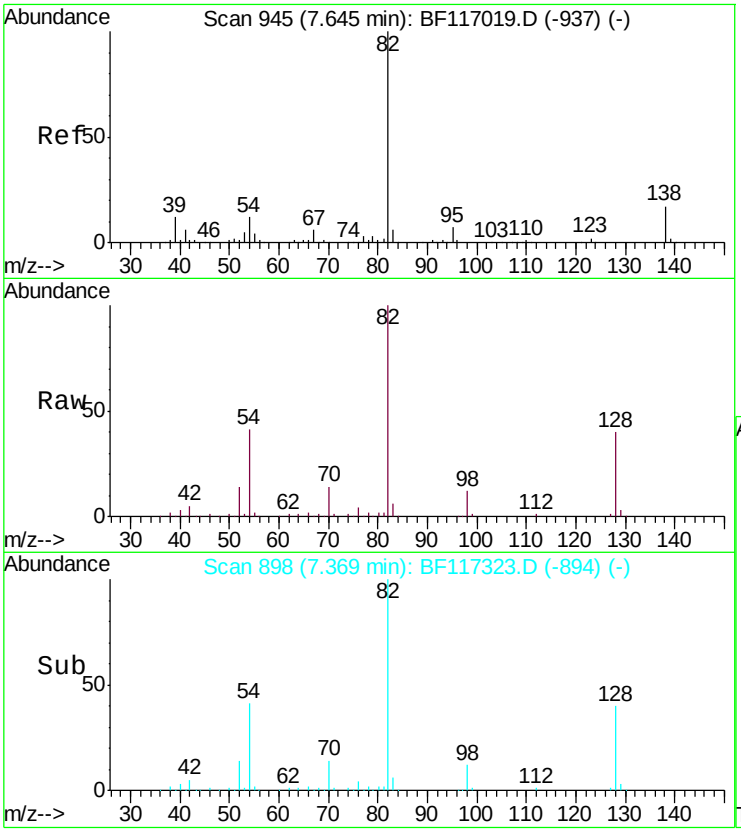


#23
Nitrobenzene-d5
Concen: 84.923 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion: 82 Resp: 353339

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.3	48.5
54	41.5	33.3	49.9



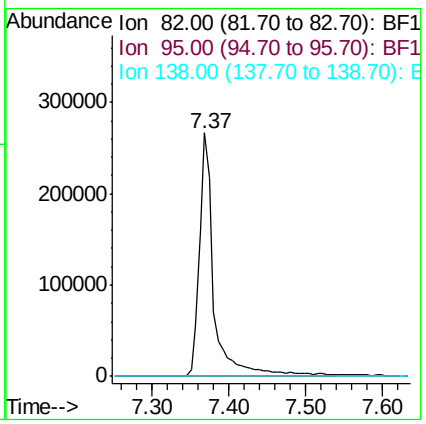


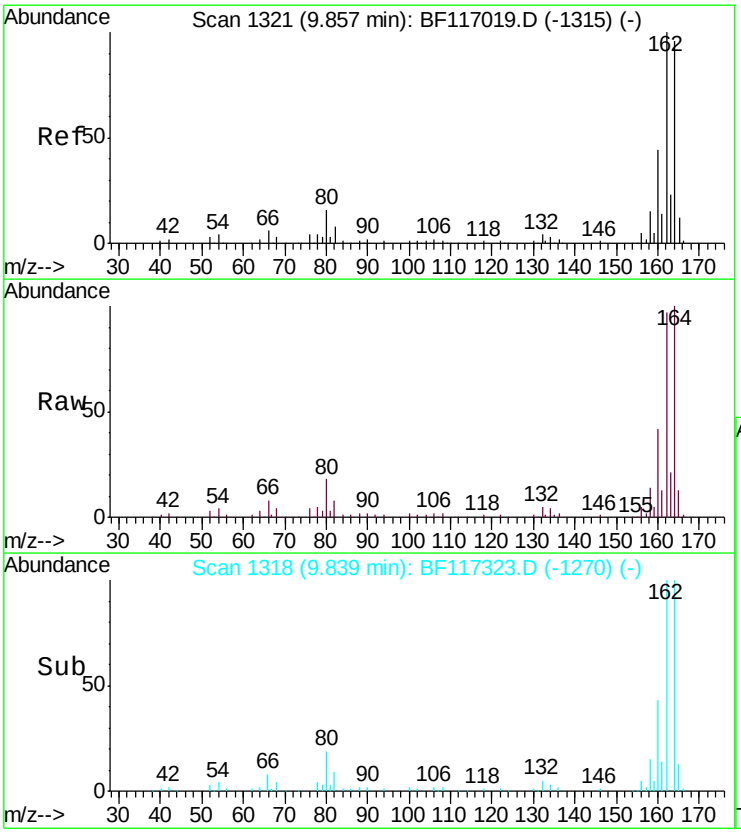
#25
Isophorone
Concen: 47.963 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion: 82 Resp: 353337

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

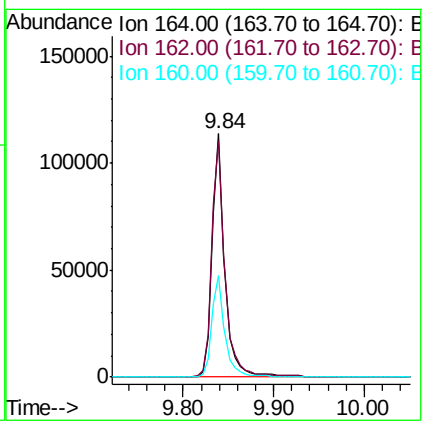


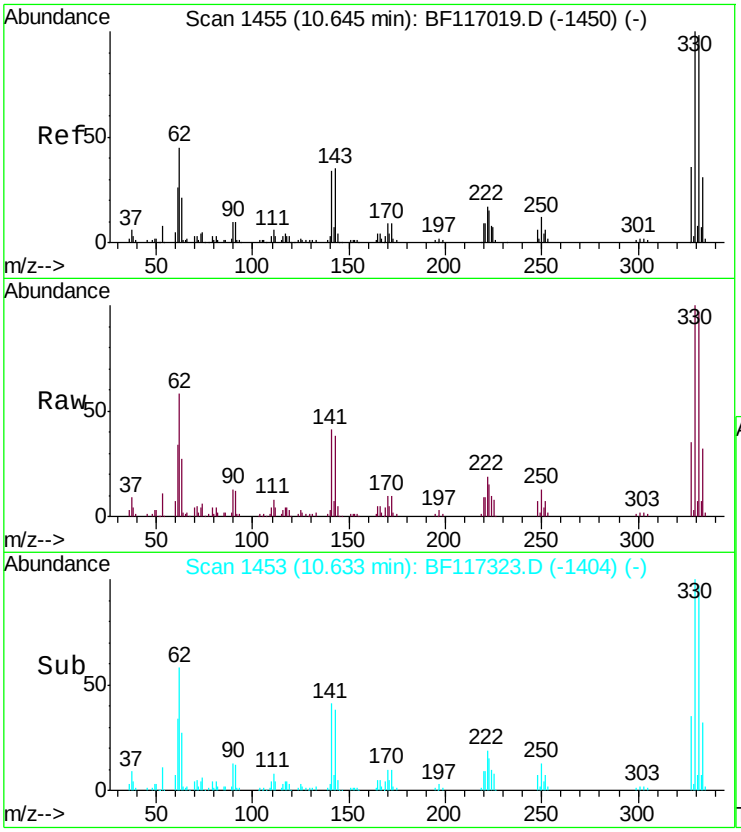


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:164 Resp: 111787

Ion	Ratio	Lower	Upper
164	100		
162	97.1	83.4	125.2
160	41.7	36.4	54.6



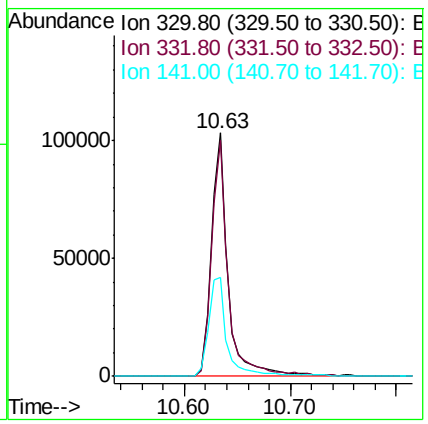


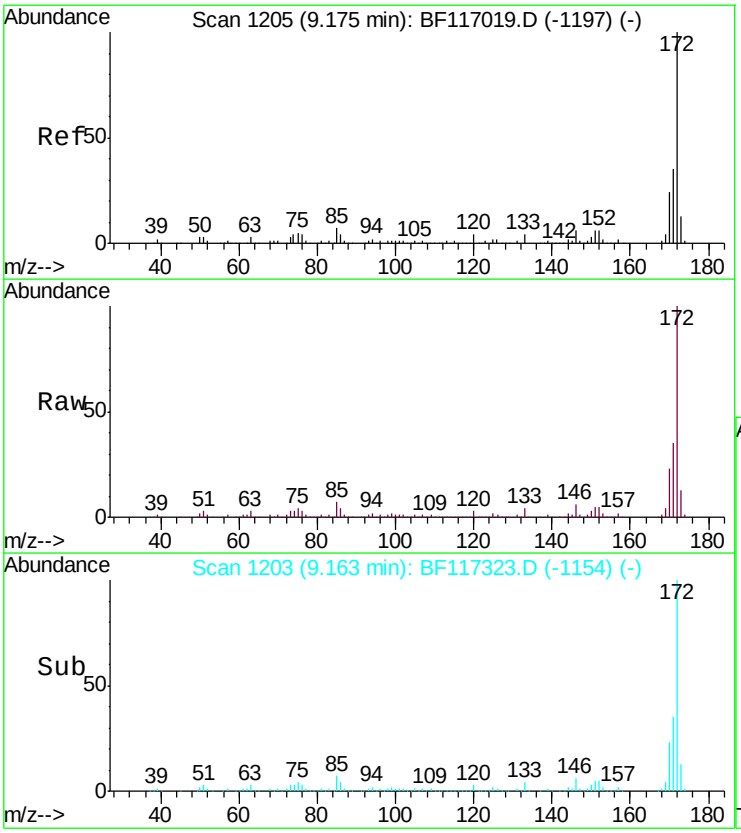
#42
2,4,6-Tribromophenol
Concen: 123.674 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:330 Resp: 115547

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	44.8	35.8	53.6

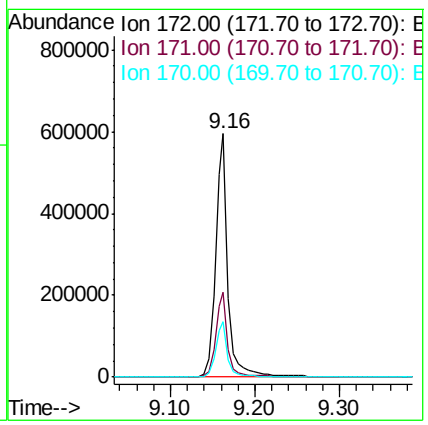


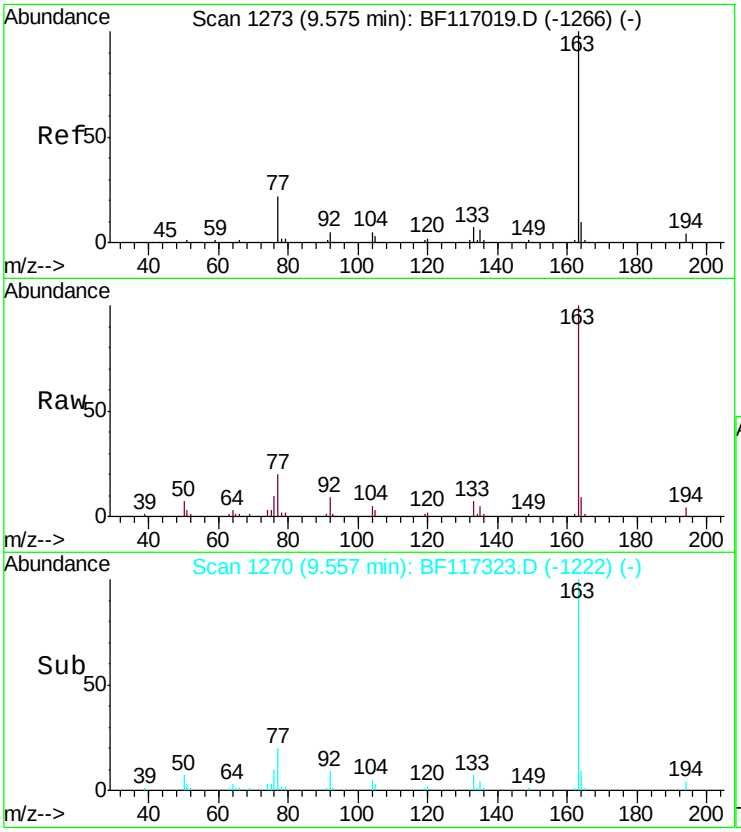


#45
2-Fluorobiphenyl
Concen: 86.244 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:172 Resp: 616596

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.8	18.9	28.3



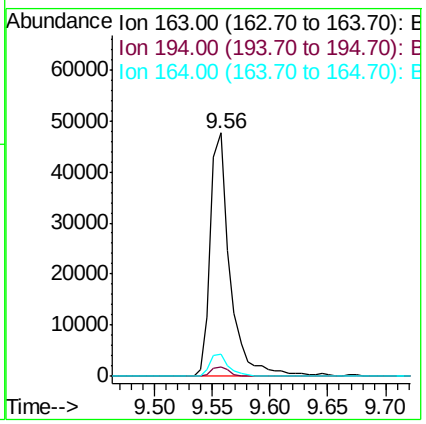


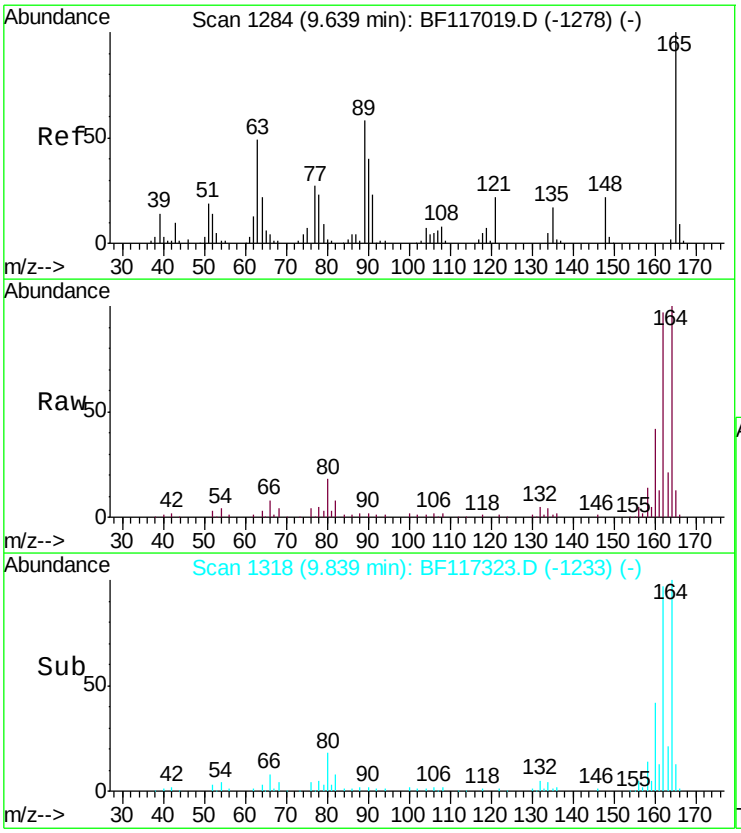
#50
Dimethylphthalate
Concen: 7.177 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:163 Resp: 56804

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.0	8.2	12.4

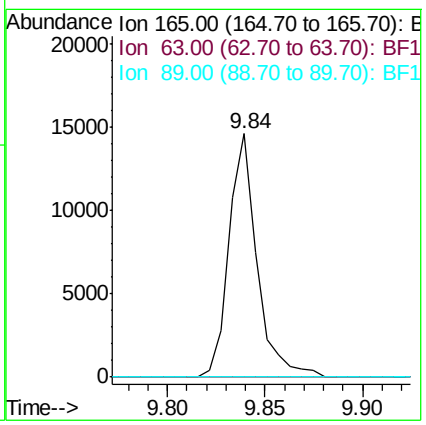


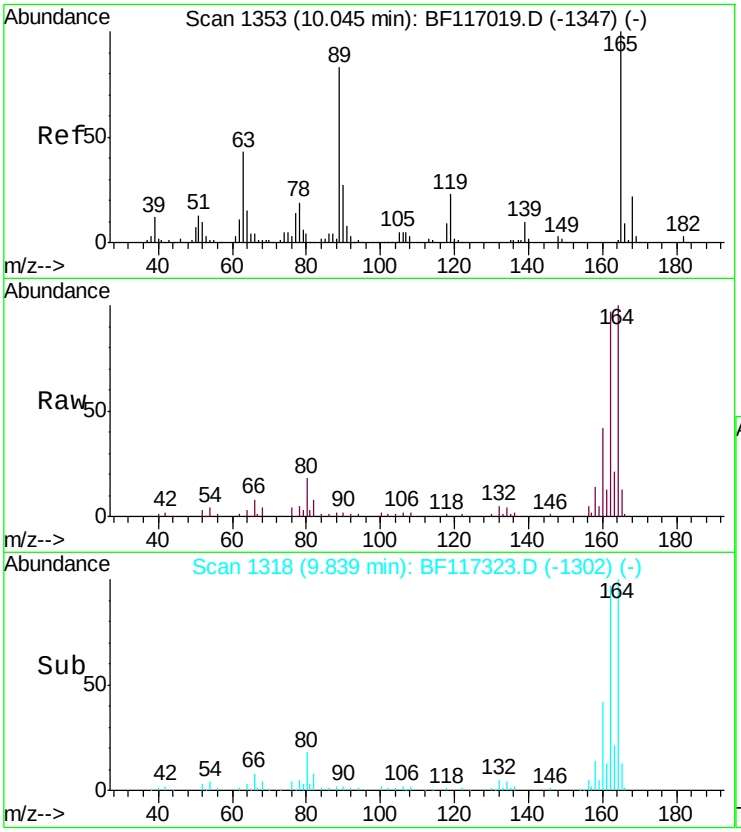


#51
2,6-Dinitrotoluene
Concen: 9.022 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:165 Resp: 14544

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



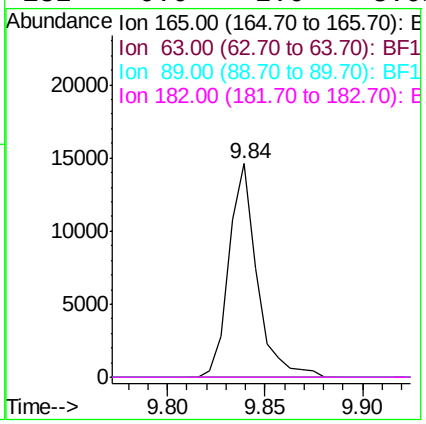


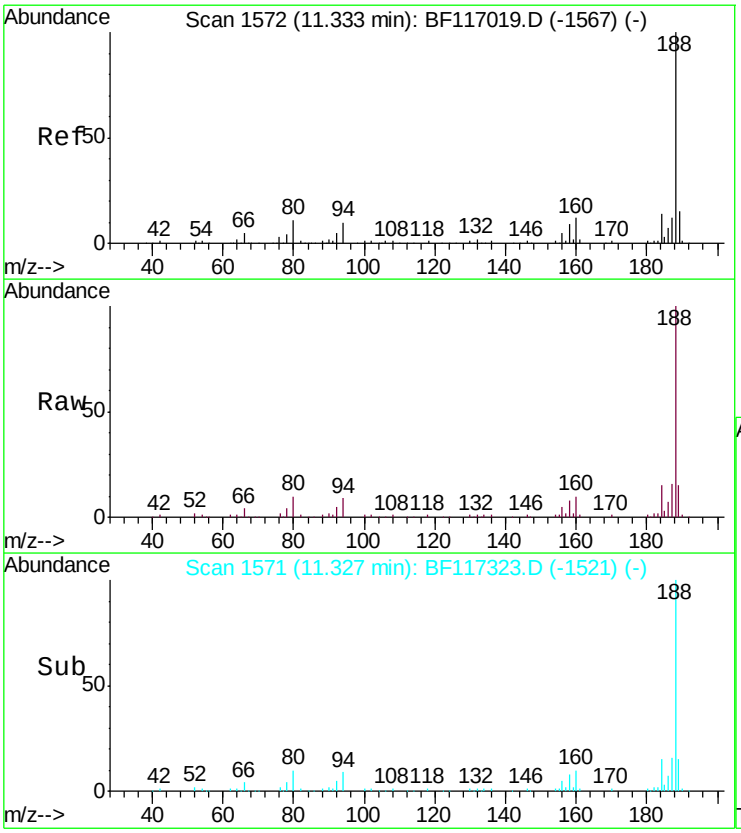
#57
2,4-Dinitrotoluene
Concen: 6.950 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:165 Resp: 14544

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#

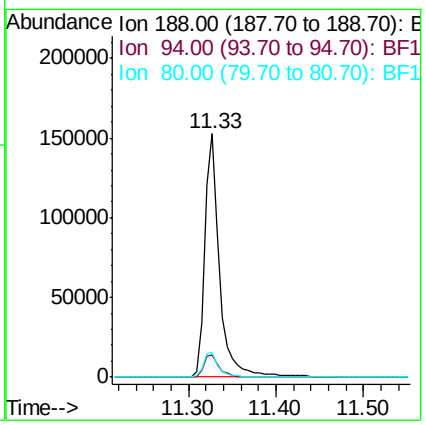


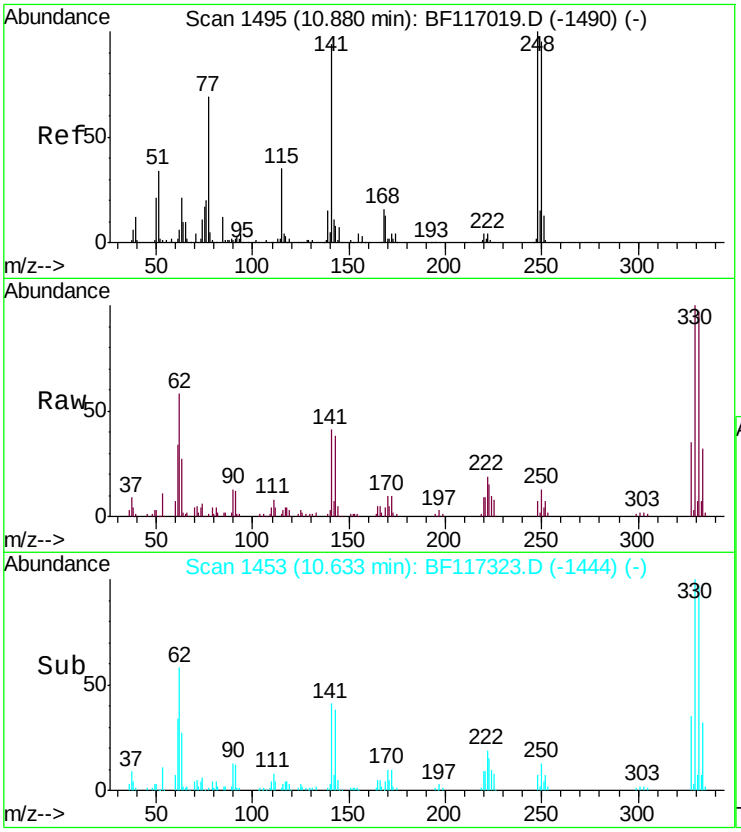


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:188 Resp: 178492

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.0	9.0	13.6



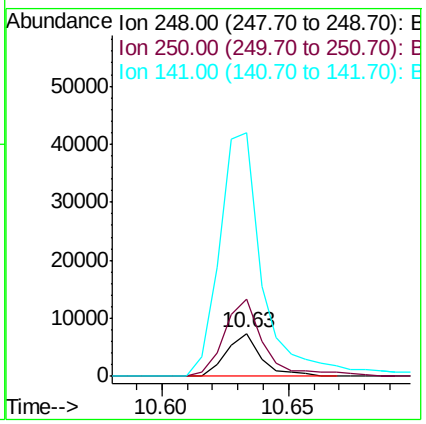


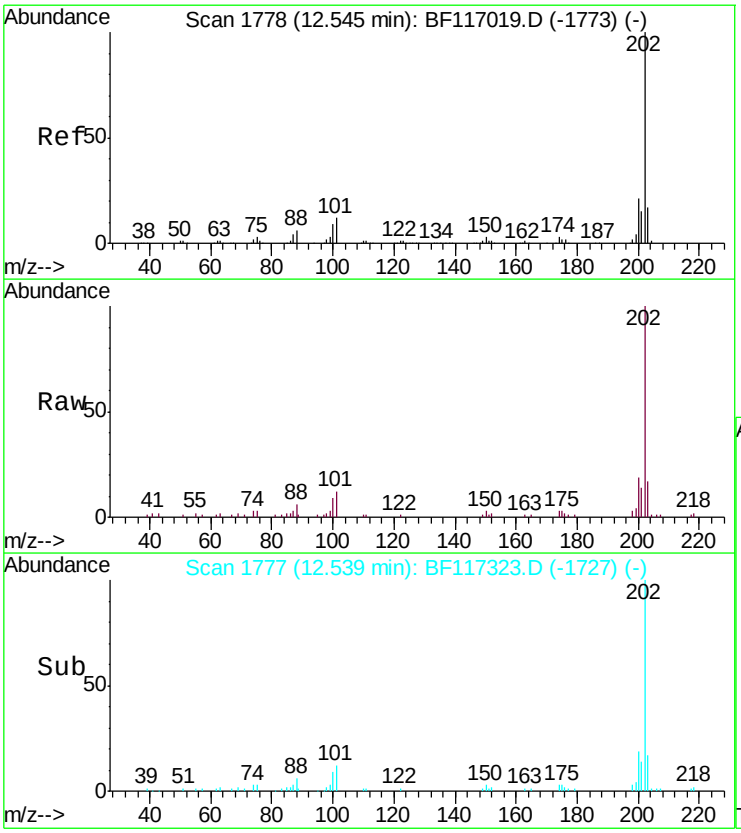
#67
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:248 Resp: 7085

Ion	Ratio	Lower	Upper
248	100		
250	179.2	76.2	114.4#
141	566.9	75.0	112.4#

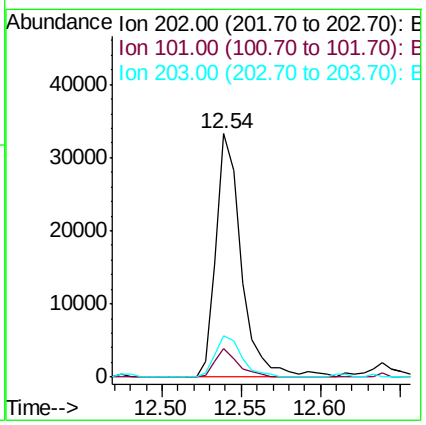


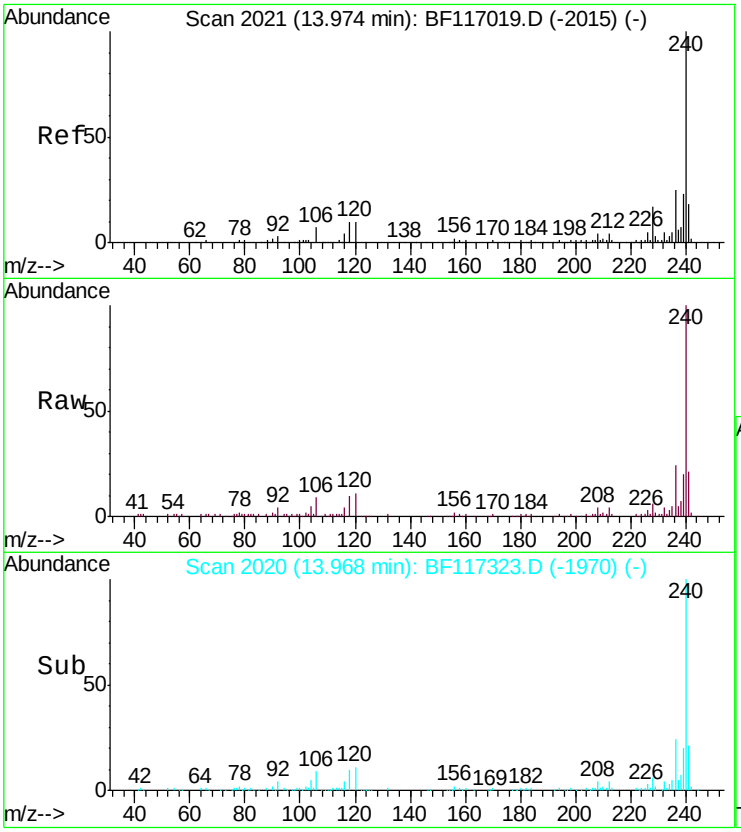


#75
Fluoranthene
Concen: 3.561 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:202 Resp: 37094

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.3
203	16.9	0.0	37.1



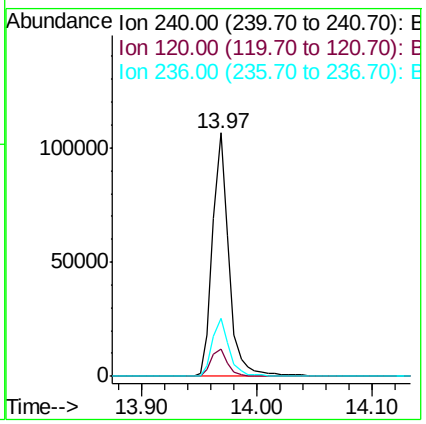


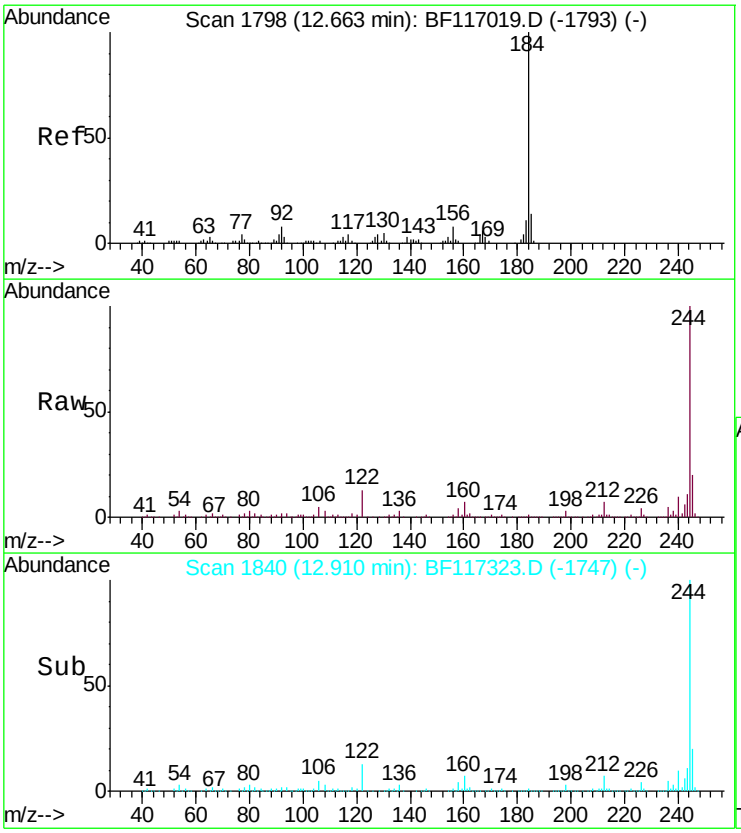
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:240 Resp: 104356

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.0	20.3	30.5

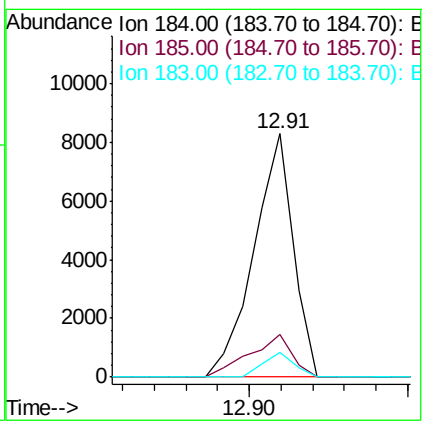


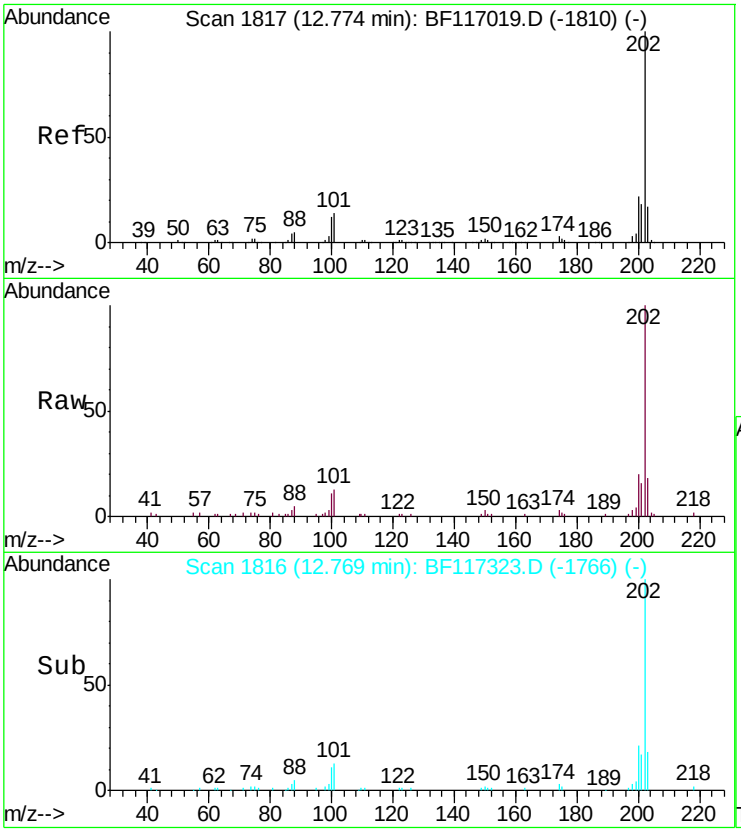


#77
Benzidine
Concen: 2.121 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:184 Resp: 7129

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.6	17.4#
183	10.1	9.0	13.4



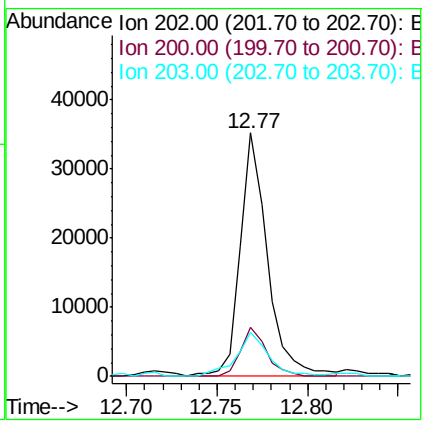


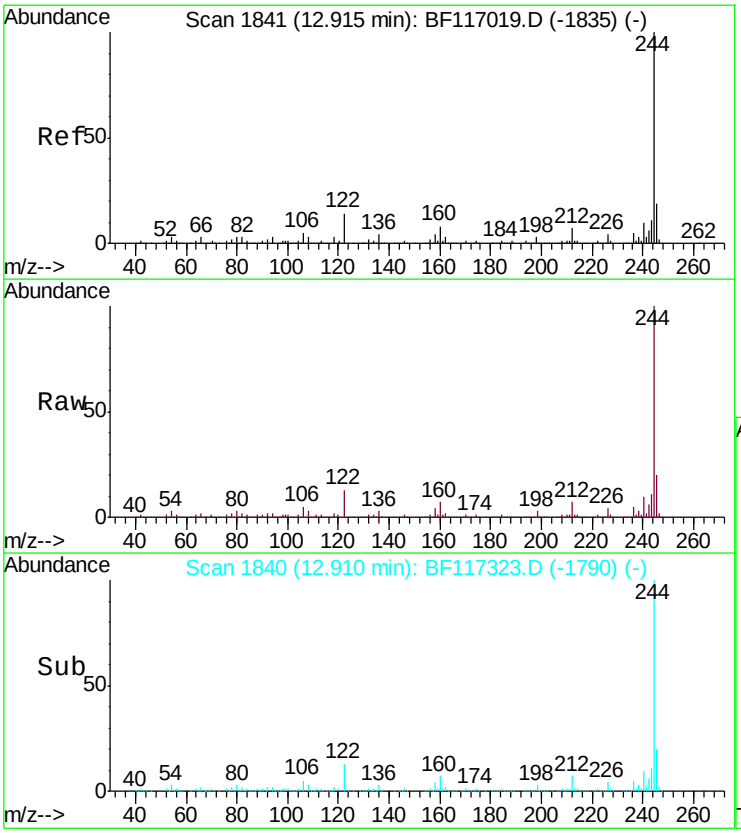
#78
Pyrene
Concen: 4.215 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:202 Resp: 36909

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	18.3	14.0	21.0

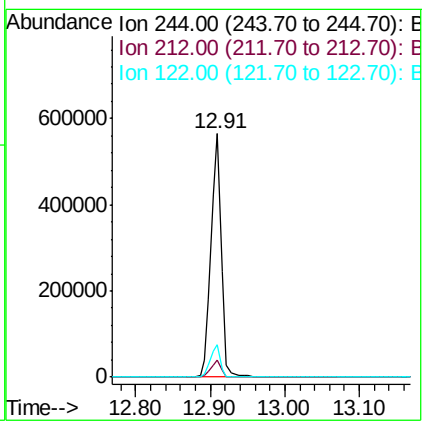


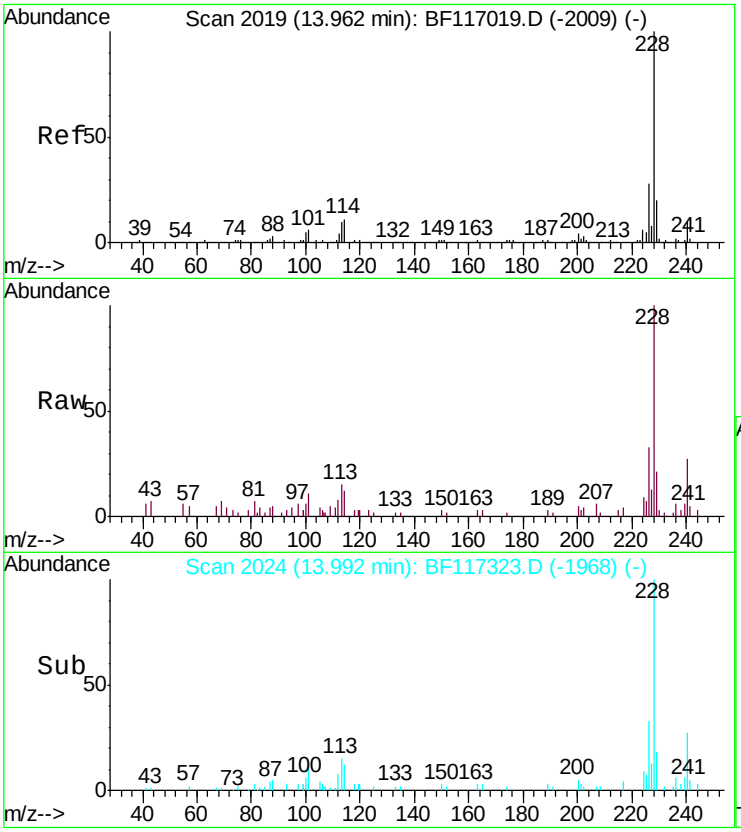


#79
Terphenyl-d14
Concen: 96.242 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:244 Resp: 537303

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.1	11.3	16.9



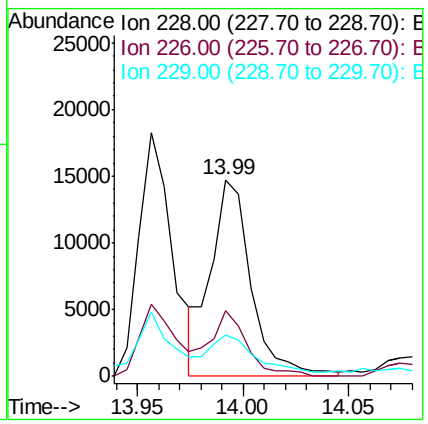


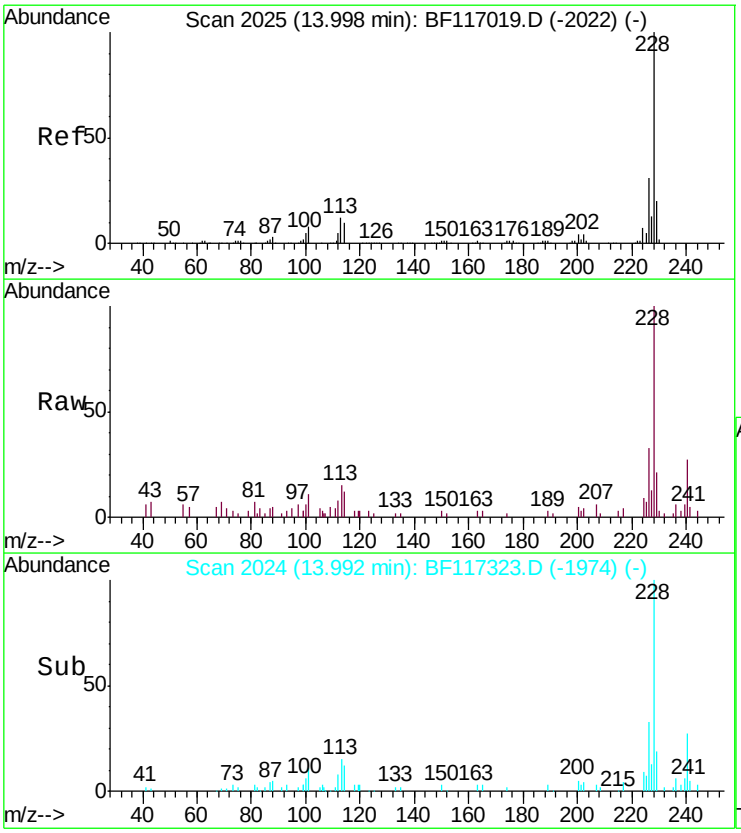
#81
Benzo(a)anthracene
Concen: 2.826 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.03 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:228 Resp: 19700

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.3	33.5
229	20.8	15.9	23.9

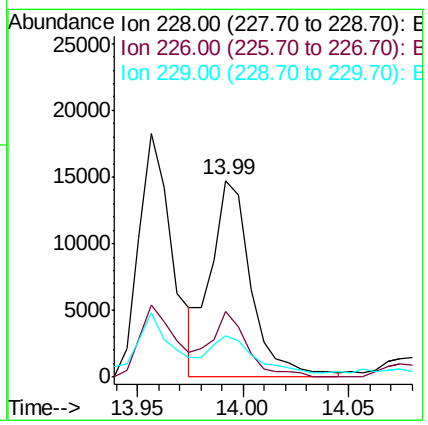


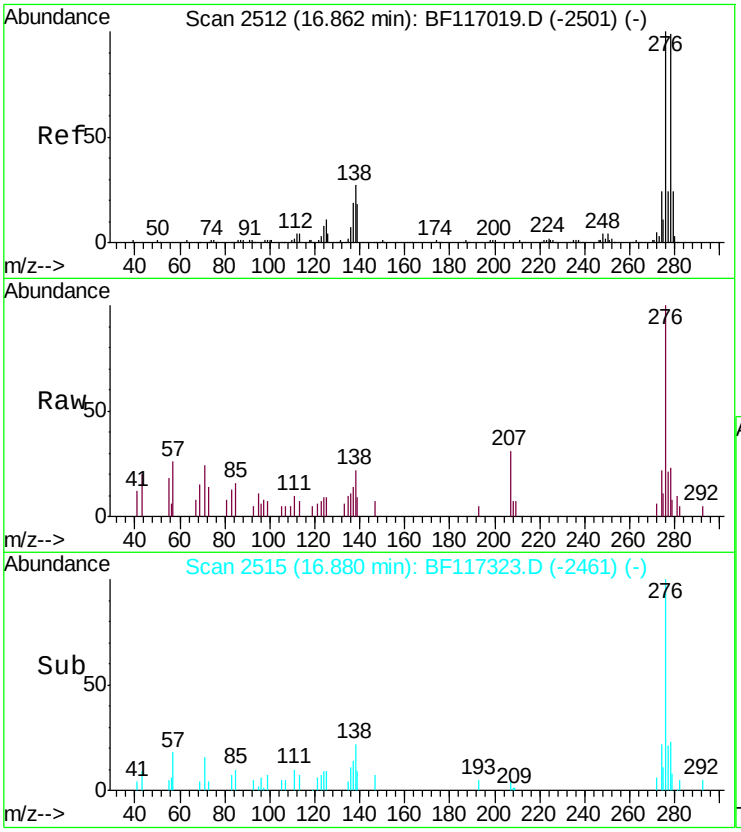


#83
Chrysene
Concen: 2.897 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:228 Resp: 19700

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.8	37.2
229	20.8	15.8	23.8



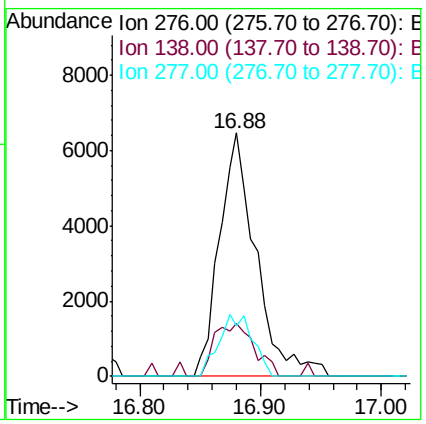


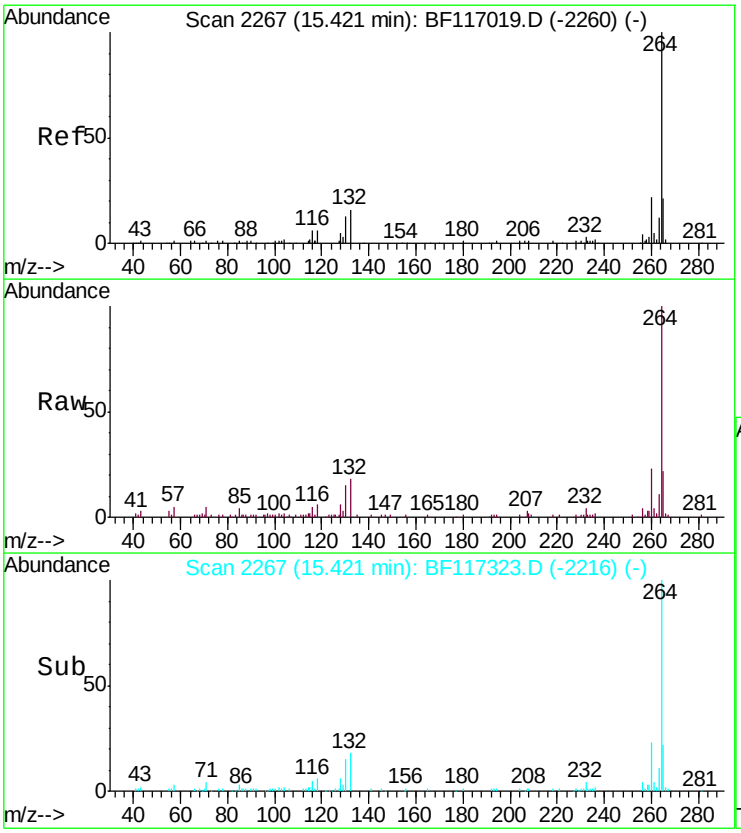
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.731 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:276 Resp: 13549

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.7	31.1
277	23.4	19.8	29.8

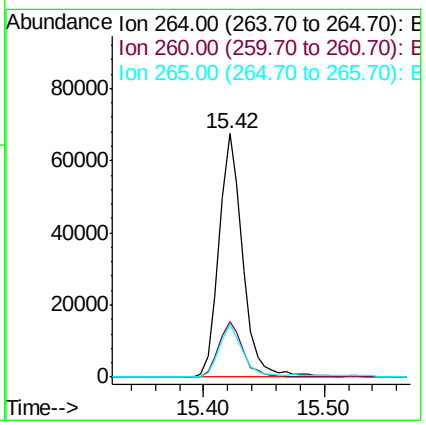


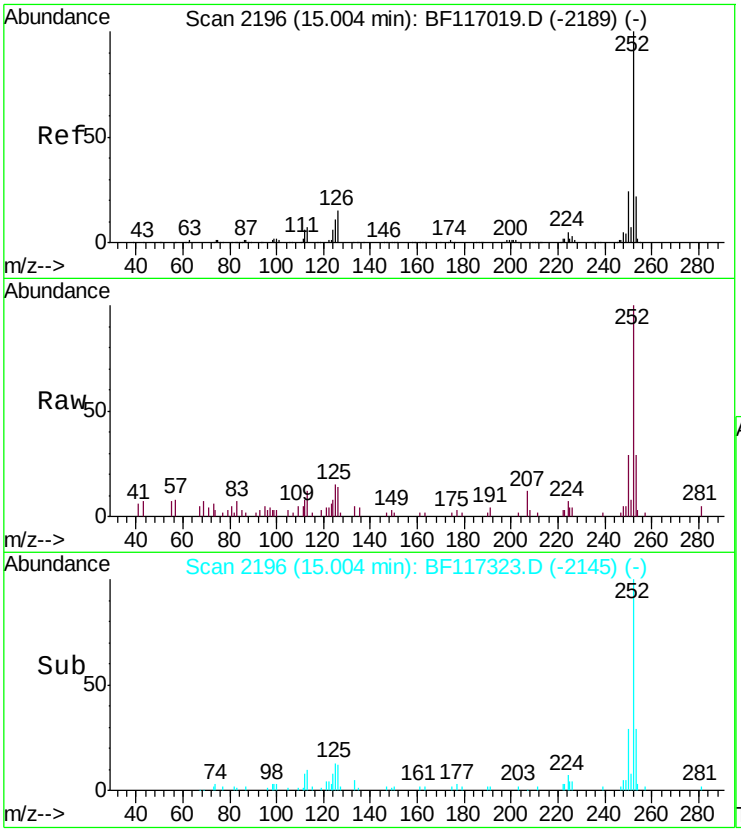


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:264 Resp: 91442

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.6	26.4
265	21.8	16.6	24.8



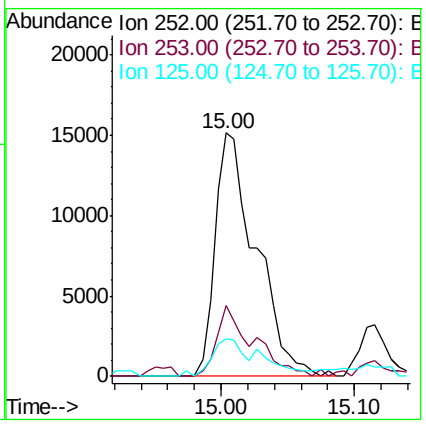


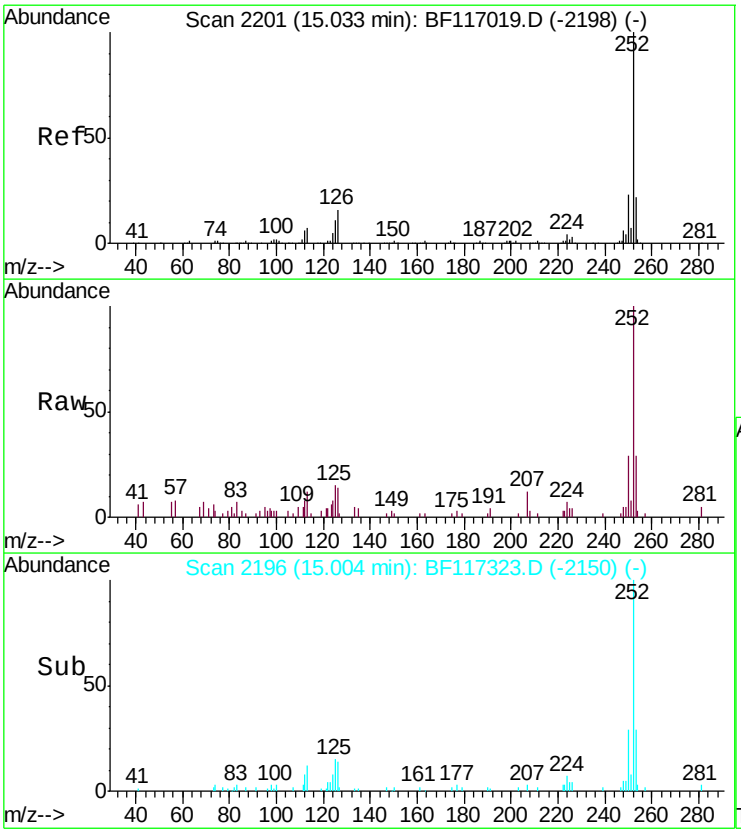
#88
Benzo(b)fluoranthene
Concen: 5.814 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:252 Resp: 32206

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.6	26.4#
125	15.3	8.6	12.8#

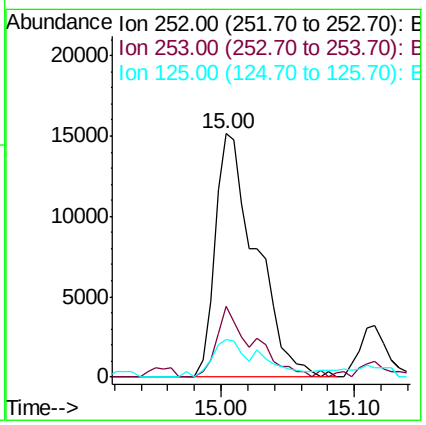


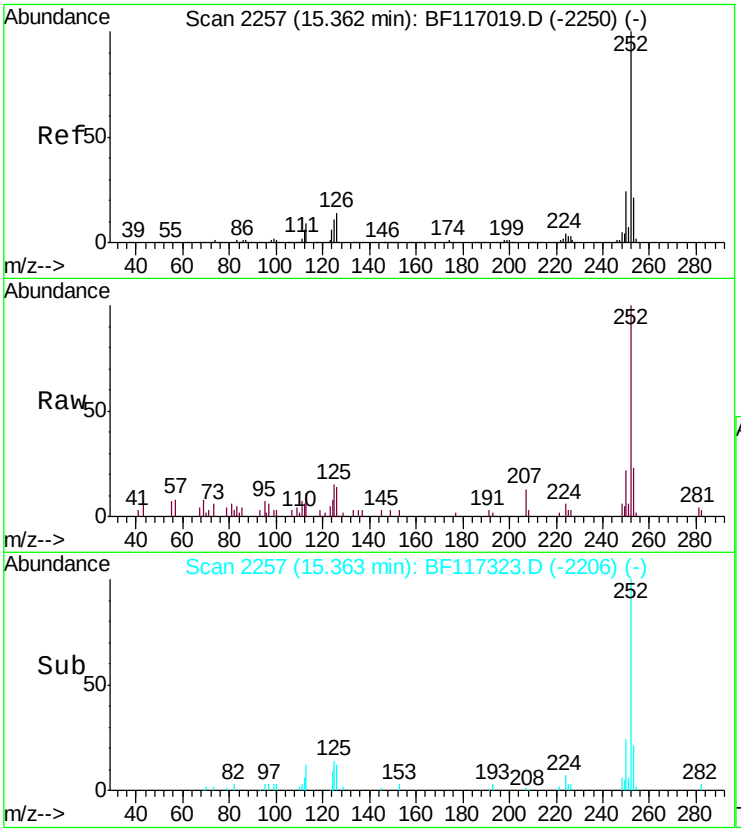


#89
Benzo(k)fluoranthene
Concen: 6.138 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:252 Resp: 32206

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.4	26.2#
125	15.3	8.8	13.2#



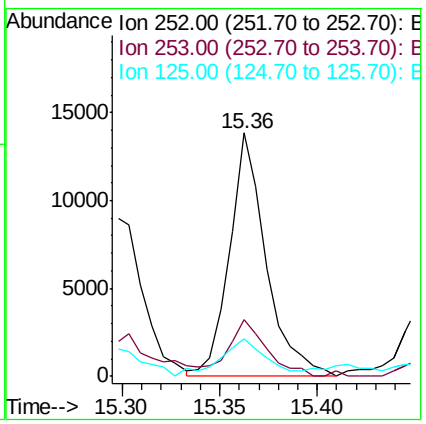


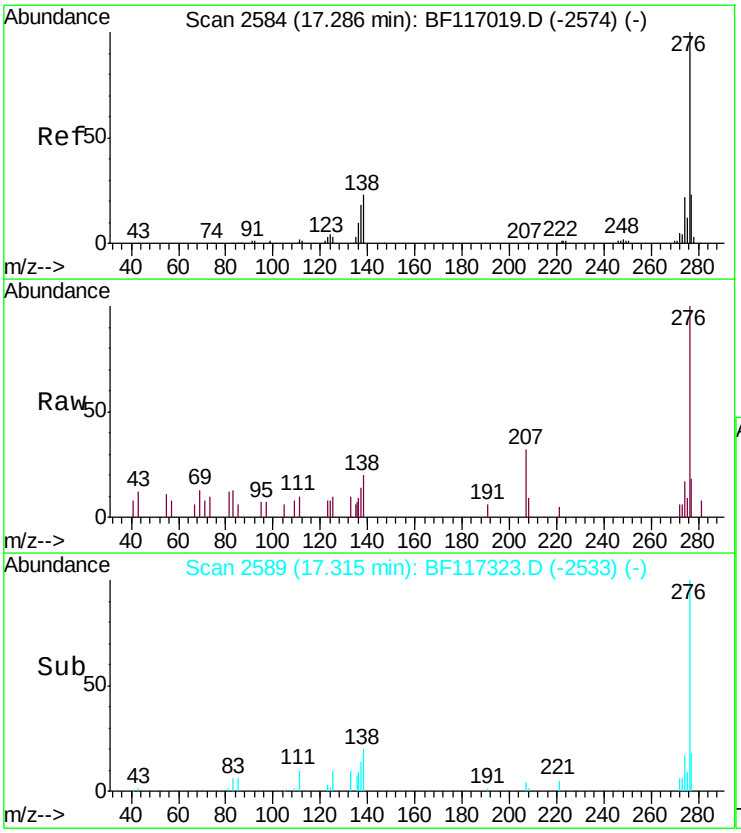
#90
Benzo(a)pyrene
Concen: 3.701 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Instrument :
BNA_F
ClientSampleId :
CSA-3-1

Tgt Ion:252 Resp: 17990

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.6	25.0
125	15.4	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 3.604 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117323.D
Acq: 3 Oct 2019 18:26

Tgt Ion:276 Resp: 13907

Ion	Ratio	Lower	Upper
276	100		
277	18.2	18.6	27.8#
138	19.5	18.0	27.0