Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117295.D
Acq On : 2 Oct 2019 13:17
Operator : JU
Sample : K4946-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:30:11 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	6.81	152	28333	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	112091	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	55382	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	85624	20.00	ng	0.00
76) Chrysene-d12	13.97	240	74367	20.00	ng	0.00
87) Perylene-d12	15.43	264	64331	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	184165	101.48	ng	0.00
7) Phenol-d6	6.45	99	250170	106.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	160136	75.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	44206	95.50	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	246135	69.49	ng	-0.01
79) Terphenyl-d14	12.91	244	230416	57.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	258	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	21910	15.342	ng	# 80
25) Isophorone	7.37	82	160135	42.395	ng	# 66
50) Dimethylphthalate	9.56	163	38677	9.863	ng	99
51) 2,6-Dinitrotoluene	9.85	165	6527	8.173	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	6527	6.296	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	2606	2.980	ng	# 1
88) Benzo(b)fluoranthene	15.02	252	7961	2.043	ng	# 69
89) Benzo(k)fluoranthene	15.02	252	7961	2.157	ng	# 69
92) Benzo(g,h,i)perylene	17.33	276	5551	2.045	ng	# 87

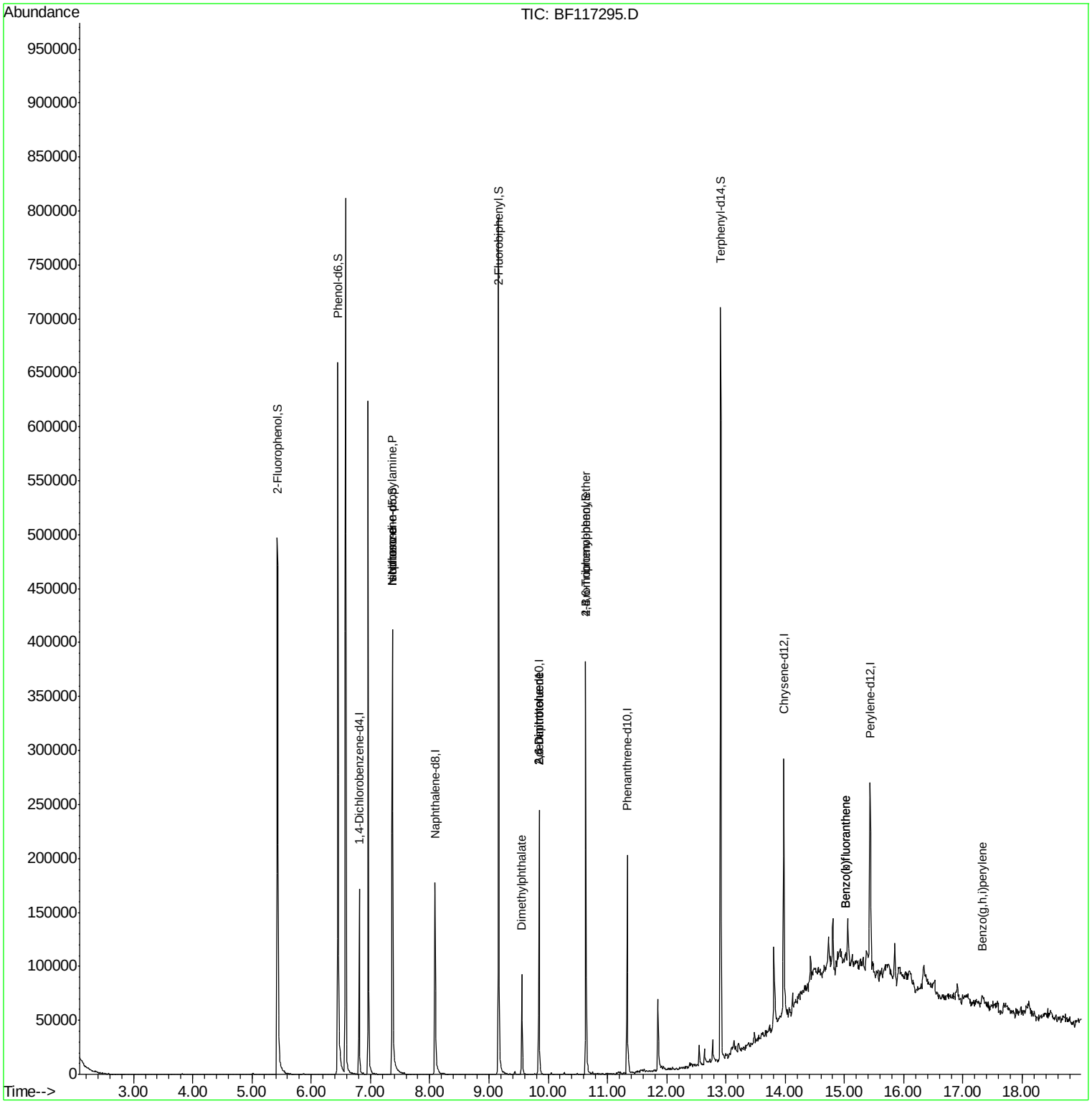
(#) = qualifier out of range (m) = manual integration (+) = signals summed

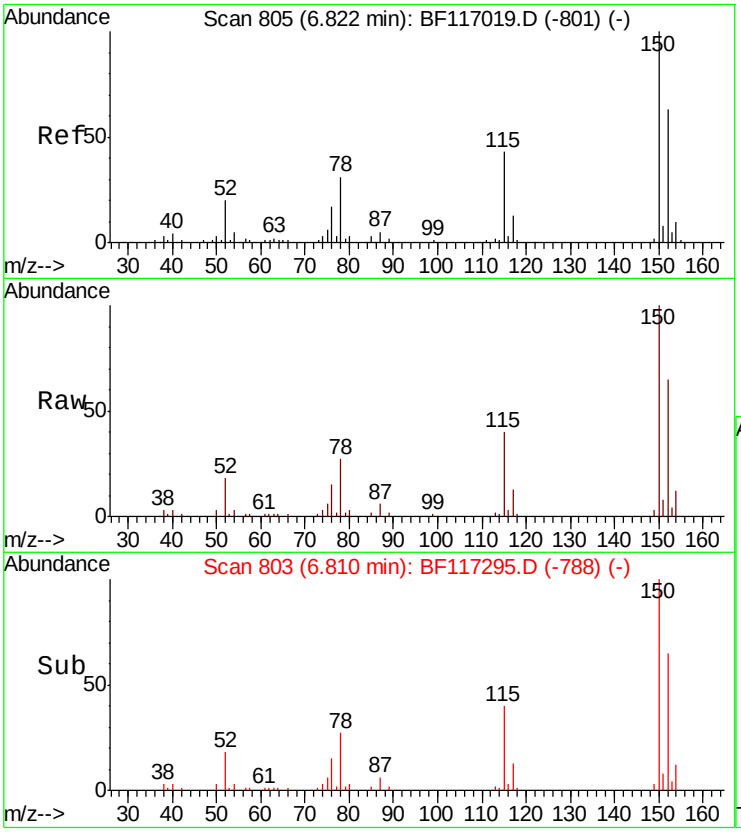
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117295.D
Acq On : 2 Oct 2019 13:17
Operator : JU
Sample : K4946-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:30:11 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



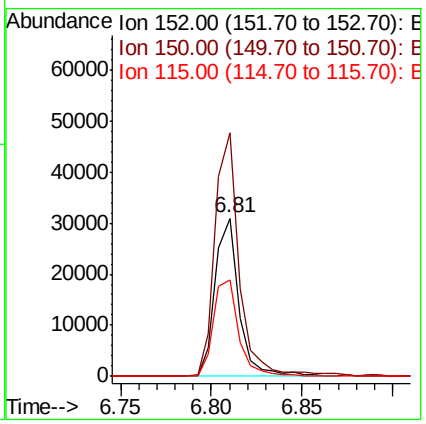


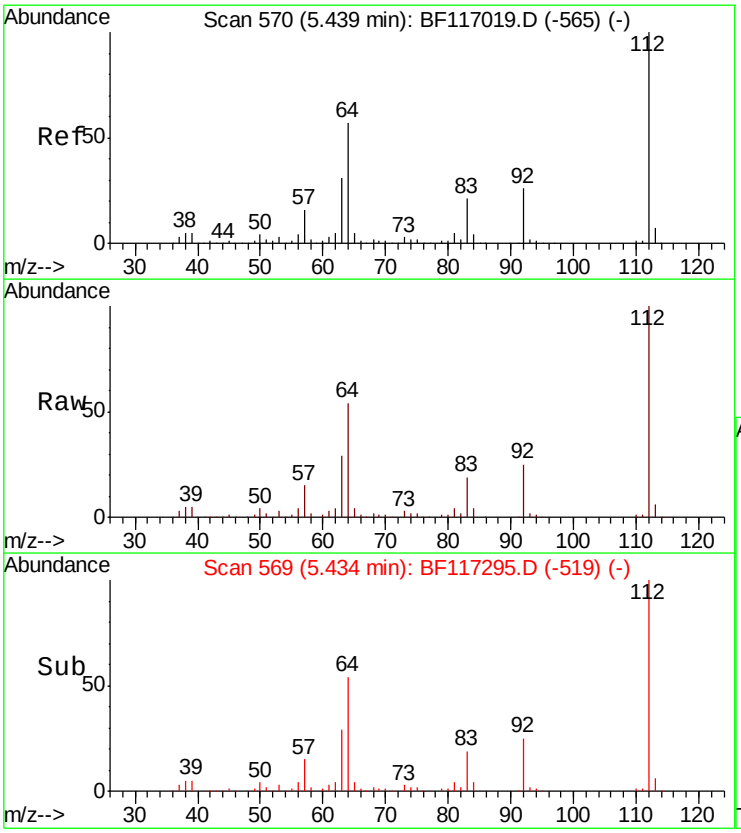
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 28333

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.5	191.3
115	61.5	55.0	82.4

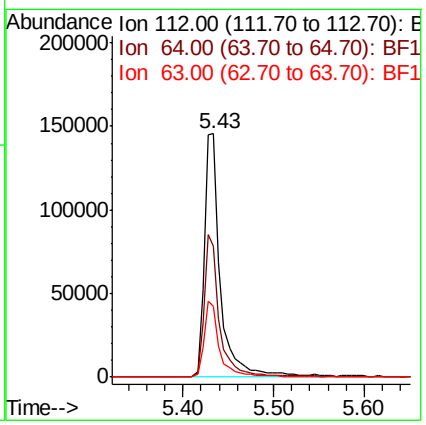


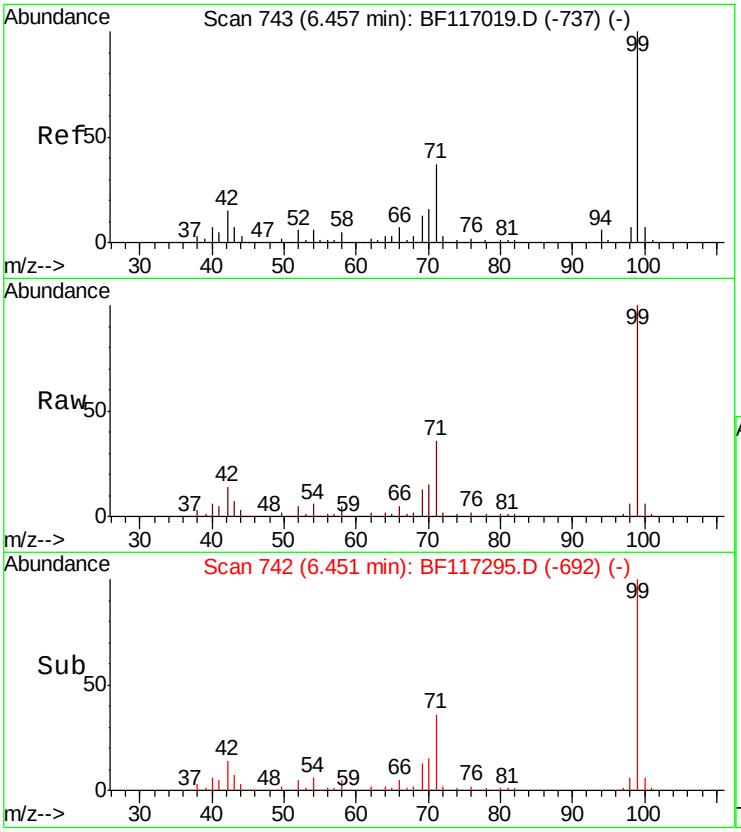


#5
2-Fluorophenol
Concen: 101.481 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:112 Resp: 184165

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	28.9	24.9	37.3



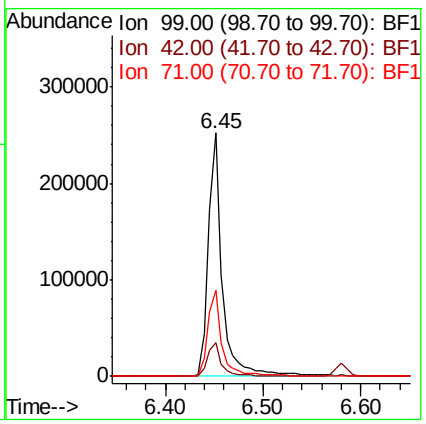


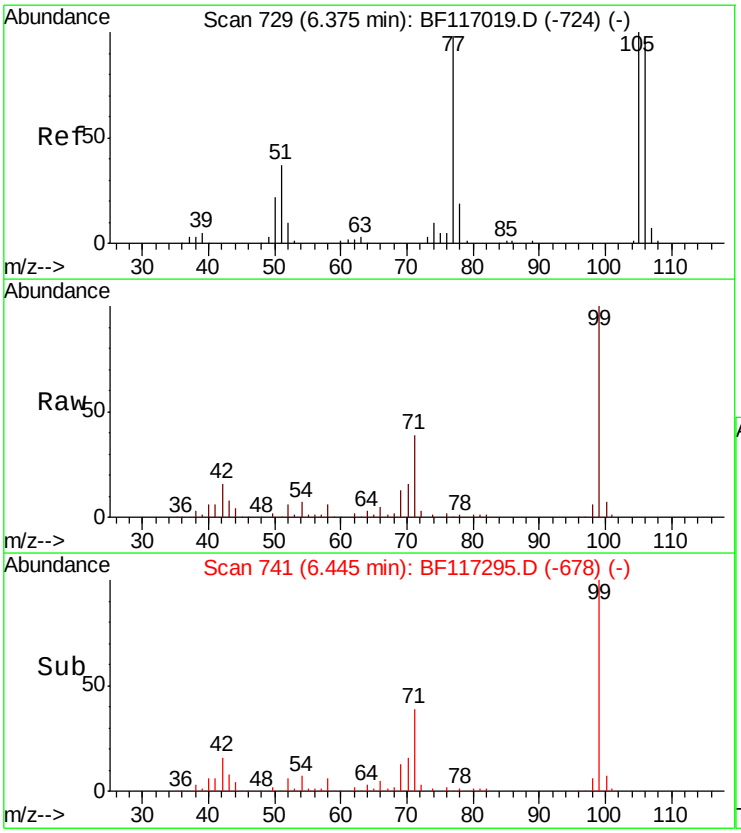
#7
Phenol-d6
Concen: 106.667 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 250170

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	35.5	29.8	44.8

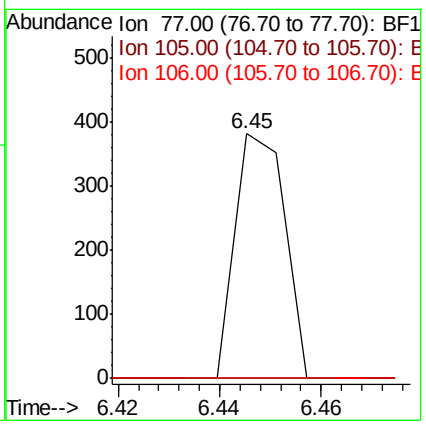


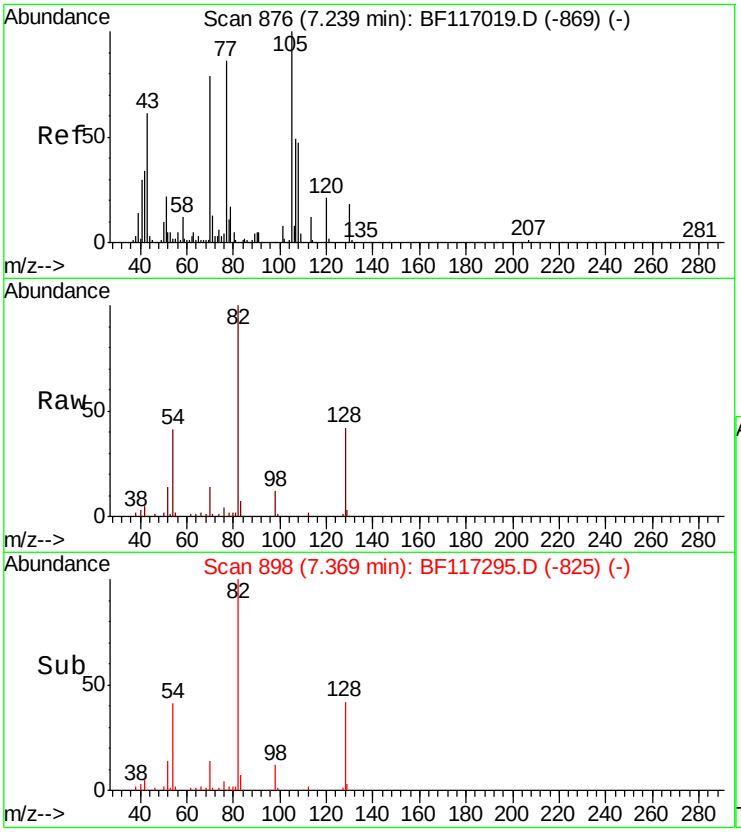


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.07 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion: 77 Resp: 258

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



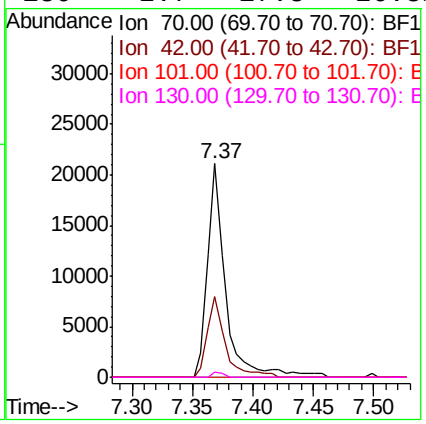


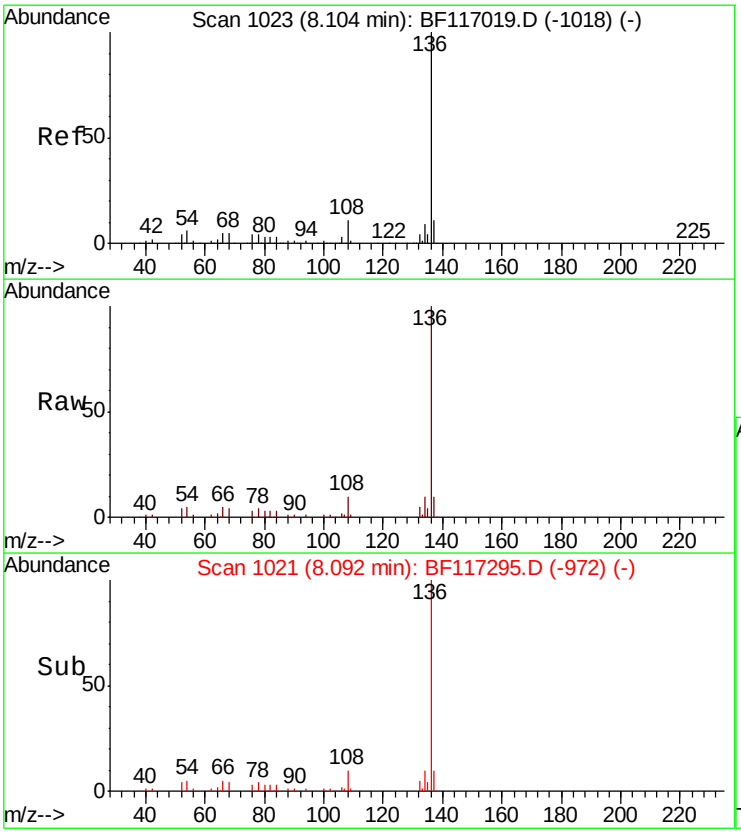
#19
n-Nitroso-di-n-propylamine
Concen: 15.342 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21910

Ion	Ratio	Lower	Upper
70	100		
42	38.0	34.0	51.0
101	0.0	7.8	11.6#
130	2.7	17.8	26.8#

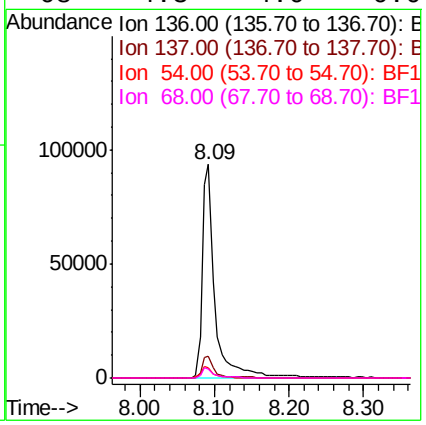


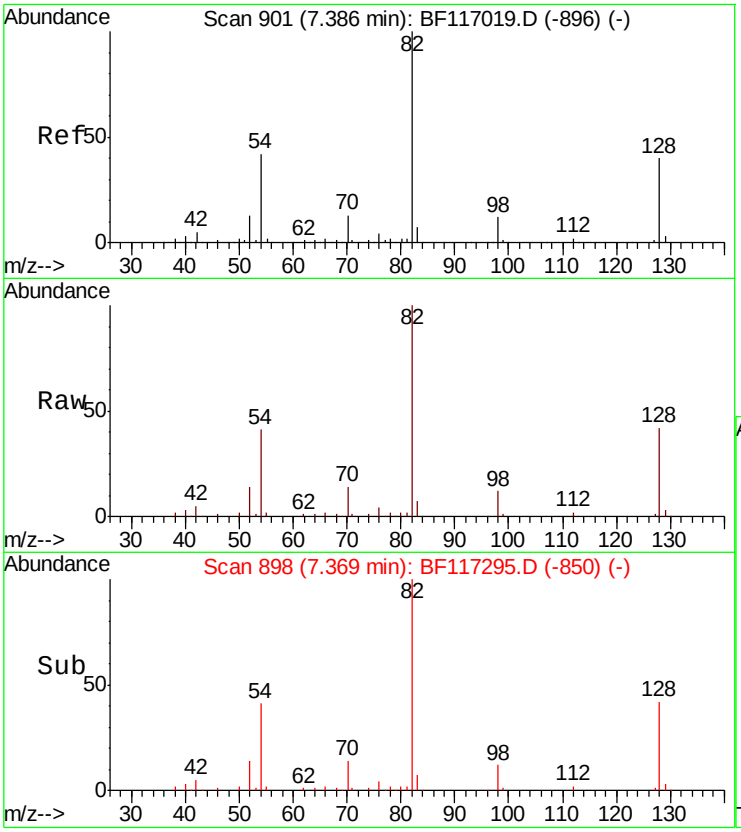


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:136 Resp: 112091

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	4.6	4.5	6.7
68	4.3	4.0	6.0



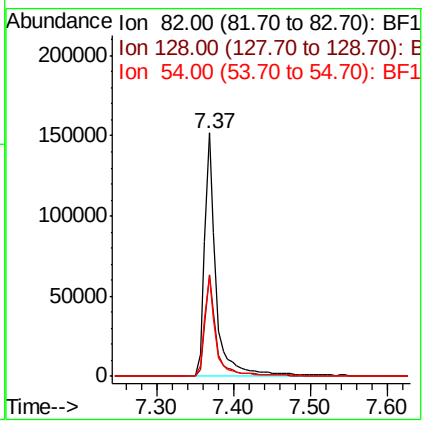


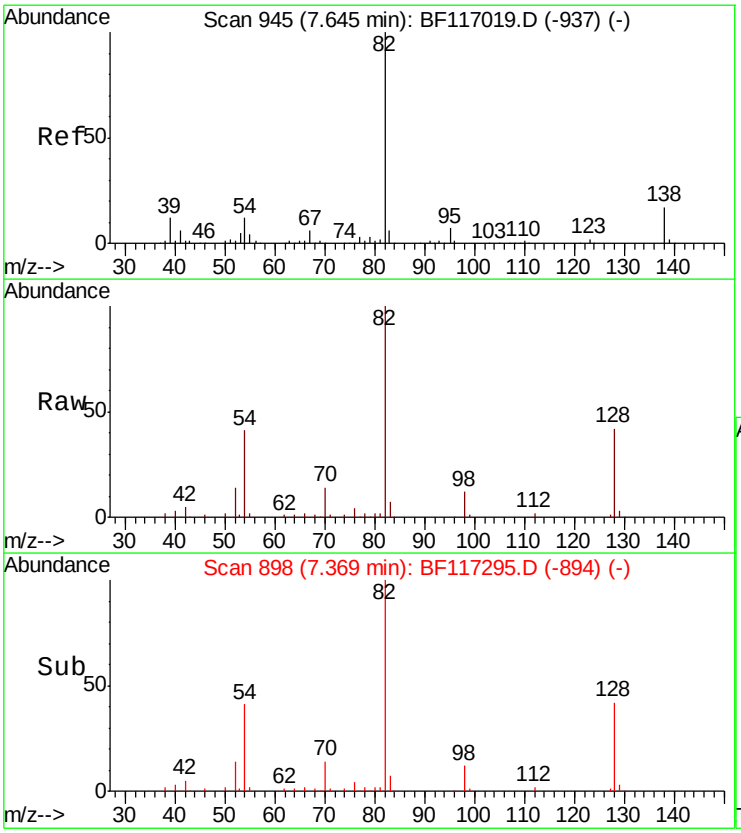
#23
Nitrobenzene-d5
Concen: 75.063 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 160136

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	41.2	33.3	49.9

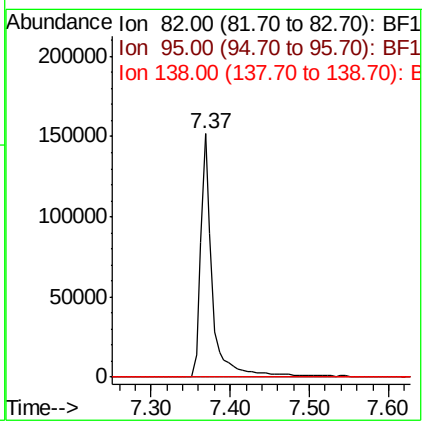


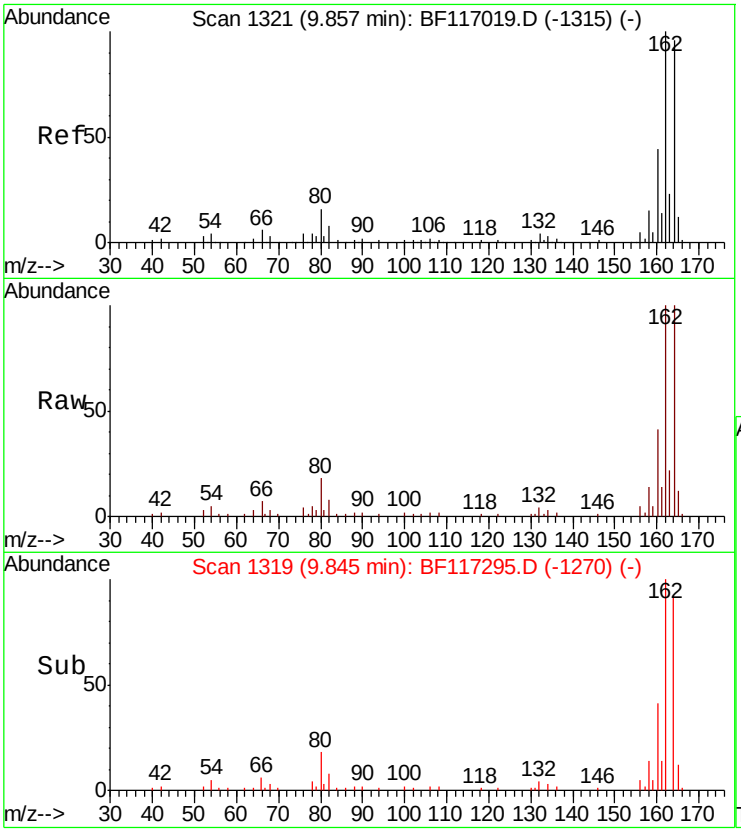


#25
Isophorone
Concen: 42.395 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion: 82 Resp: 160135

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



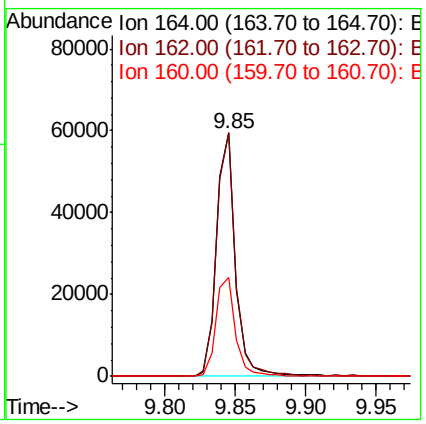


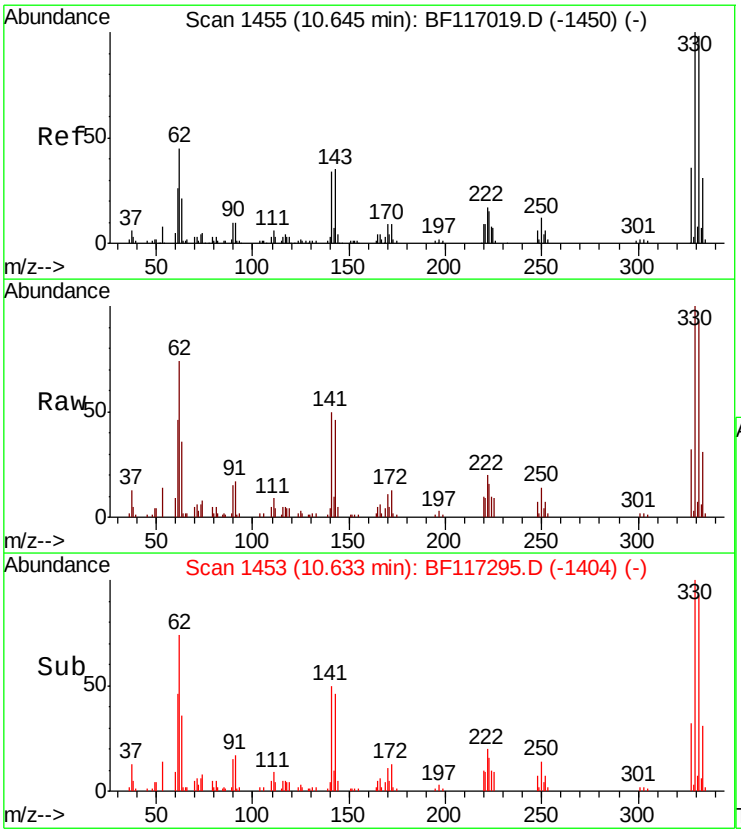
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 55382

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.2
160	40.7	36.4	54.6

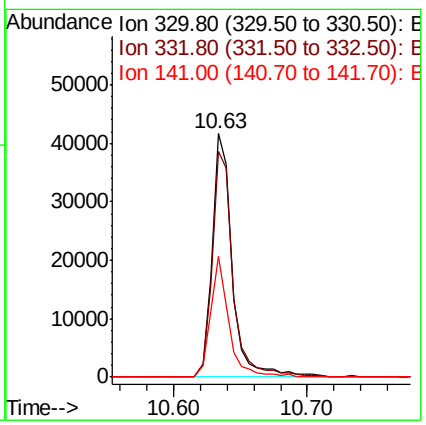


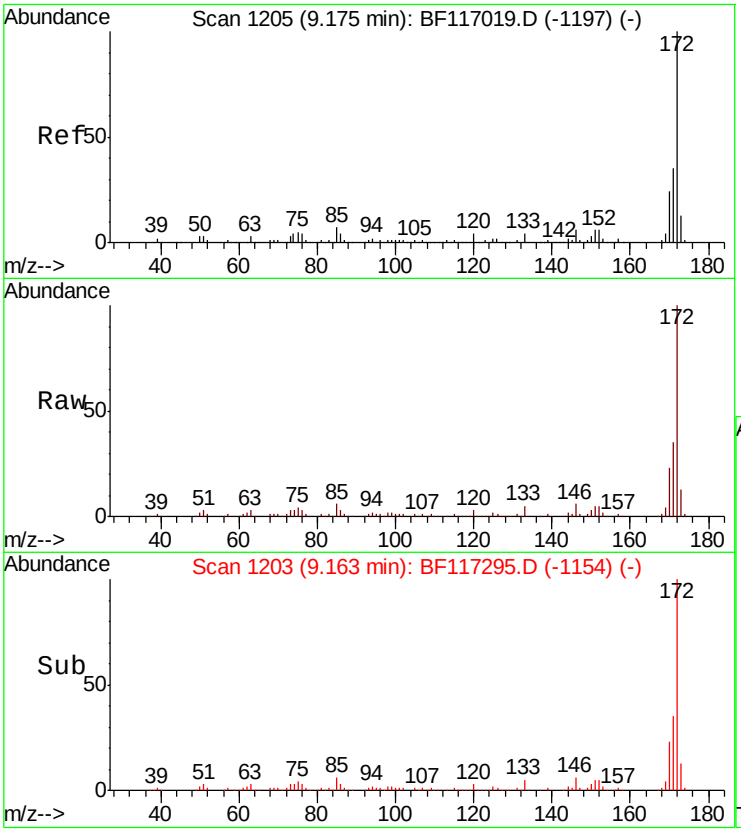


#42
2,4,6-Tribromophenol
Concen: 95.505 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:330 Resp: 44206

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	44.9	35.8	53.6



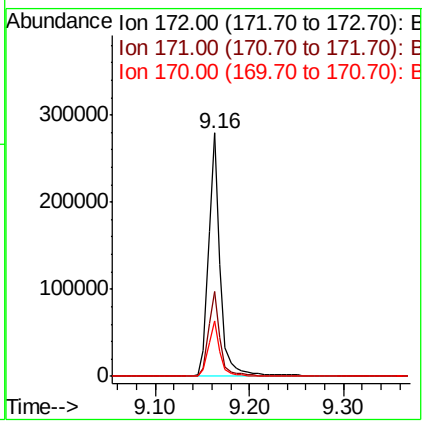


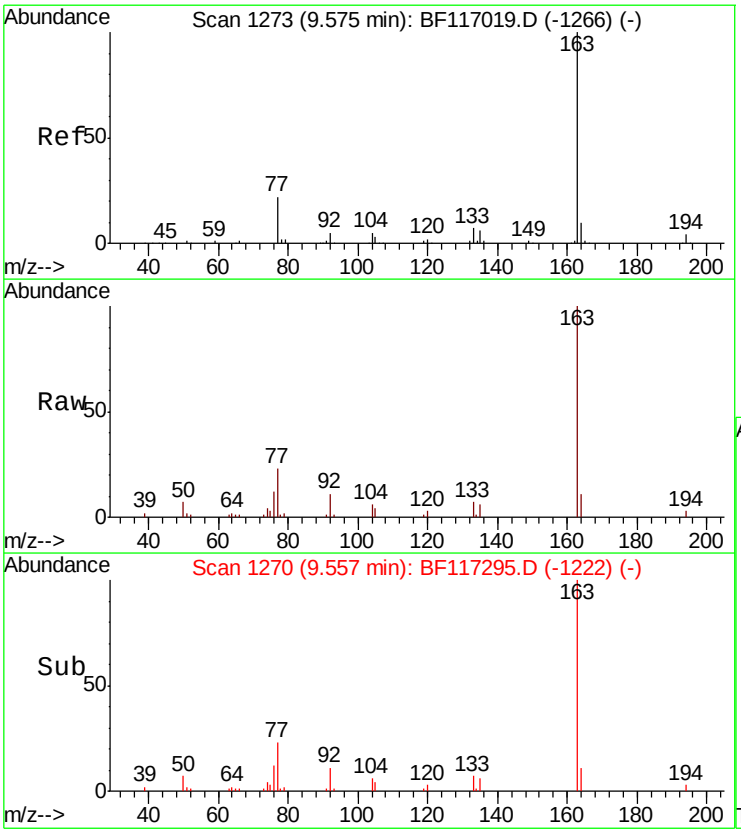
#45
2-Fluorobiphenyl
Concen: 69.490 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 246135

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.8	18.9	28.3

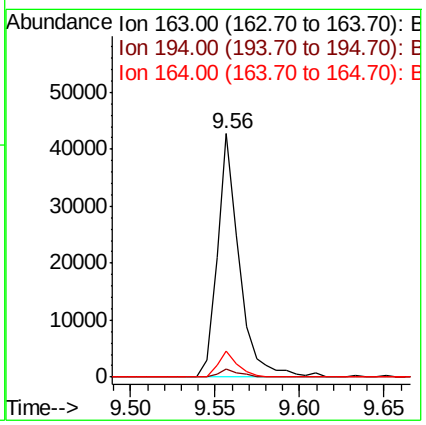


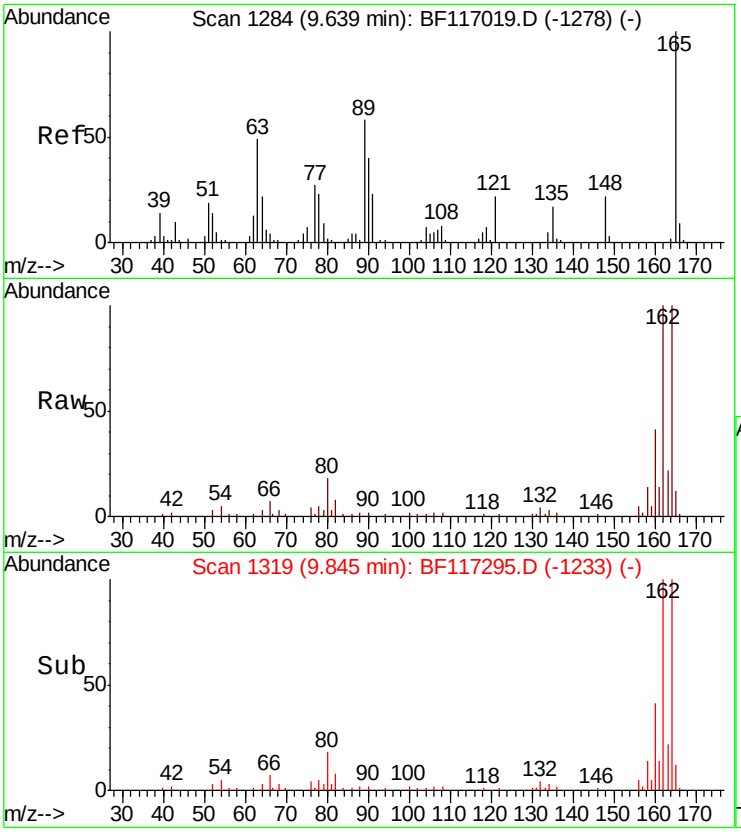


#50
Dimethylphthalate
Concen: 9.863 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:163 Resp: 38677

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.6	8.2	12.4



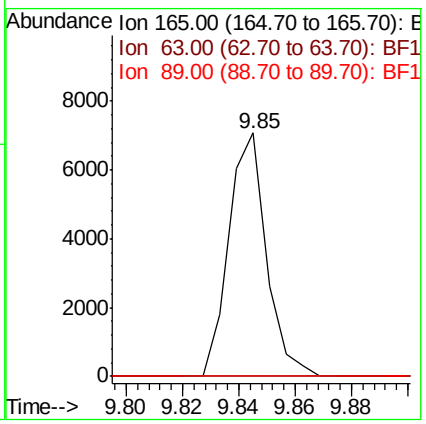


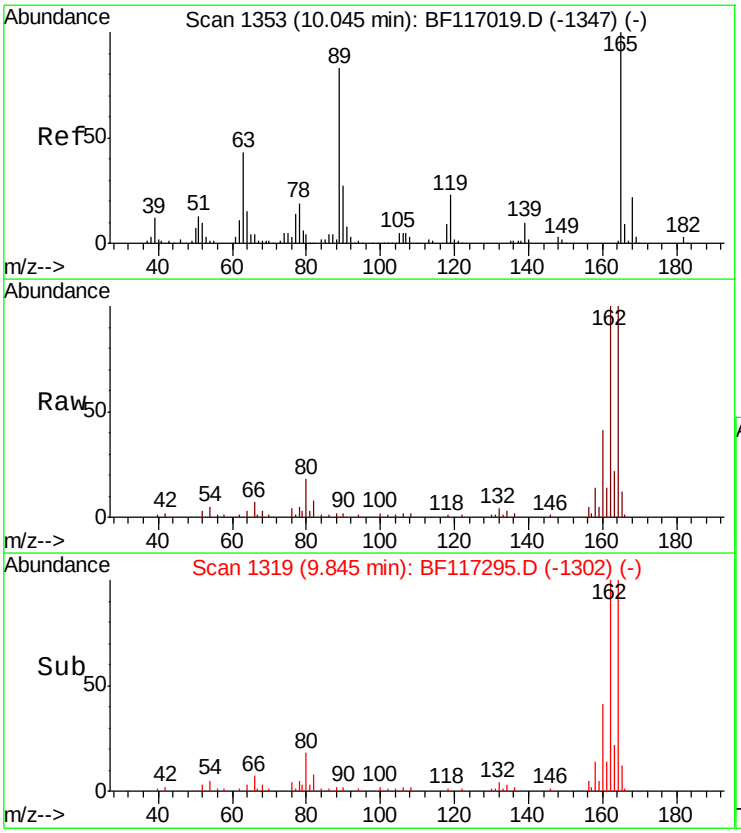
#51
2,6-Dinitrotoluene
Concen: 8.173 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6527

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

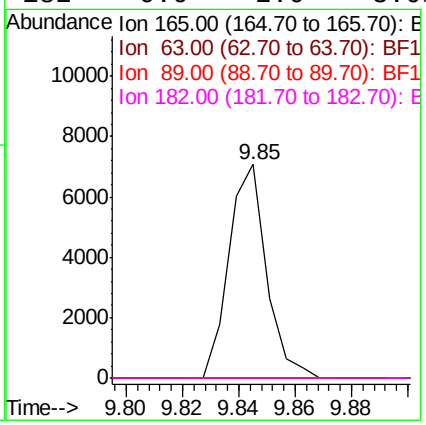


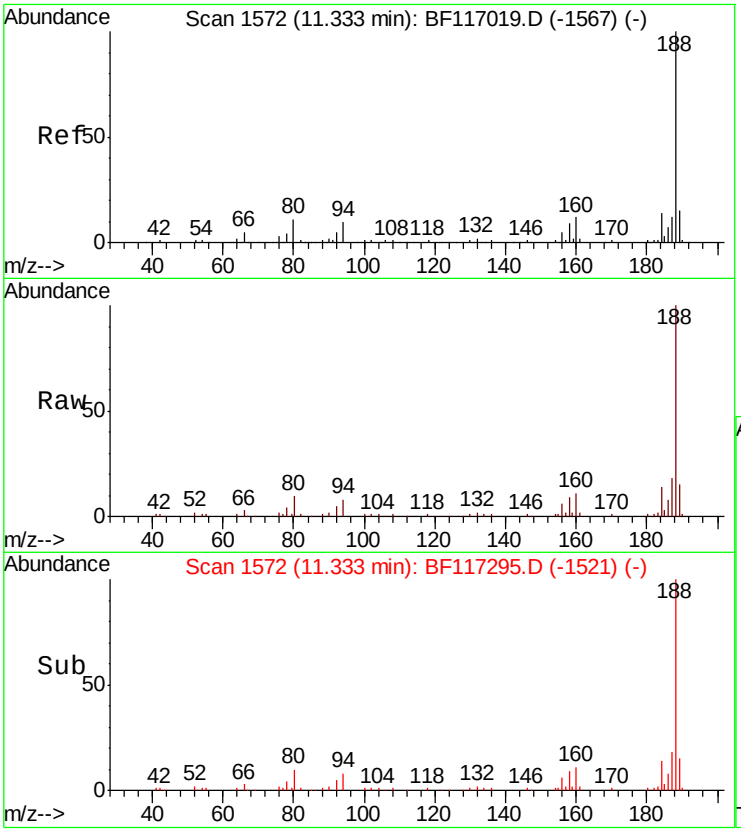


#57
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:165 Resp: 6527

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#



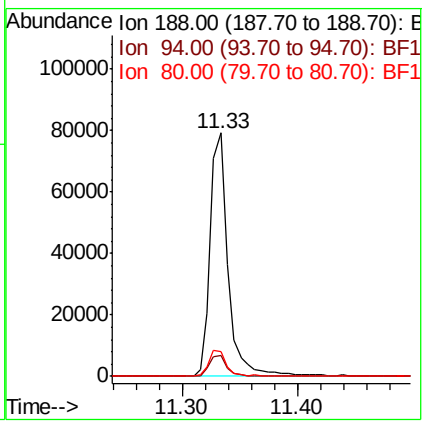


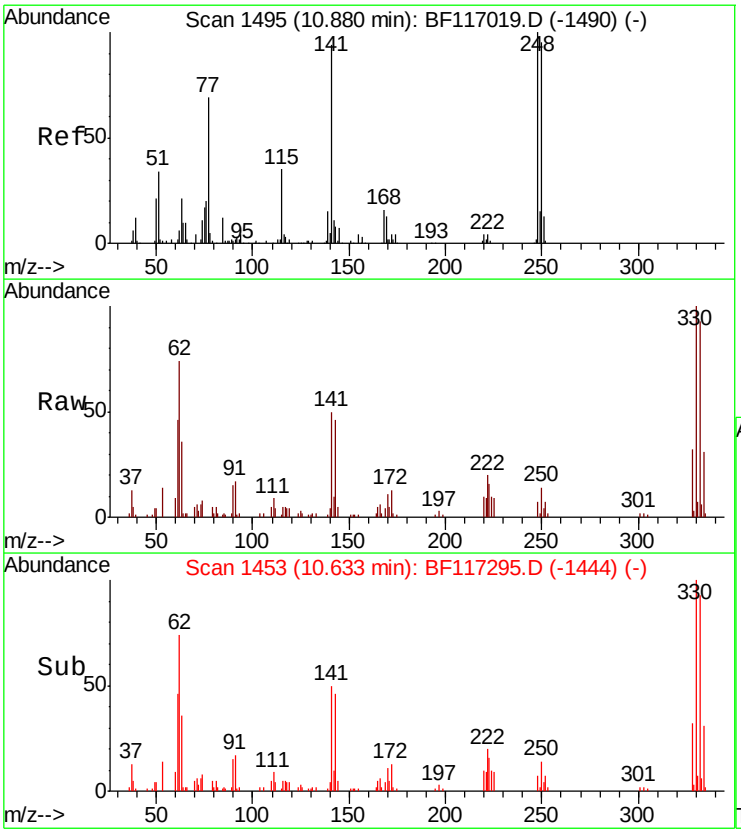
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 85624

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.9	9.0	13.6

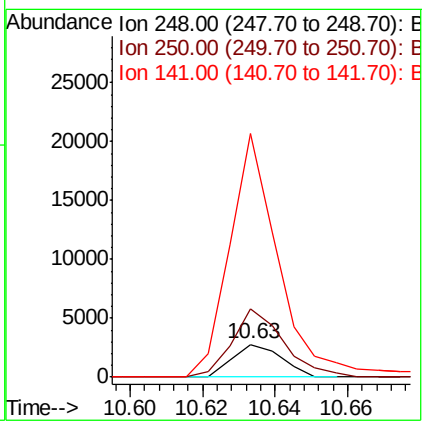


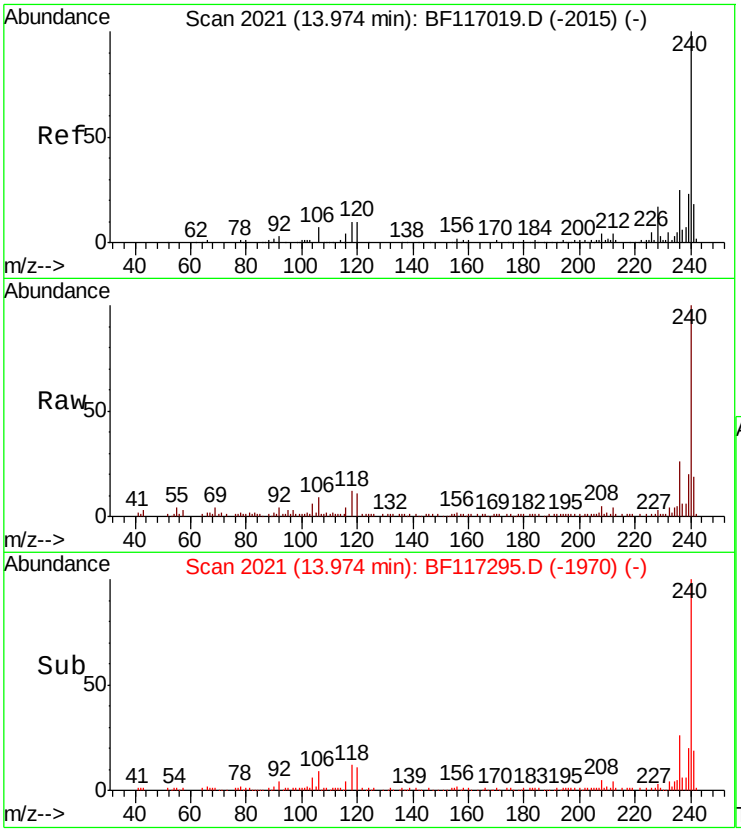


#67
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:248 Resp: 2606

Ion	Ratio	Lower	Upper
248	100		
250	209.7	76.2	114.4#
141	741.5	75.0	112.4#



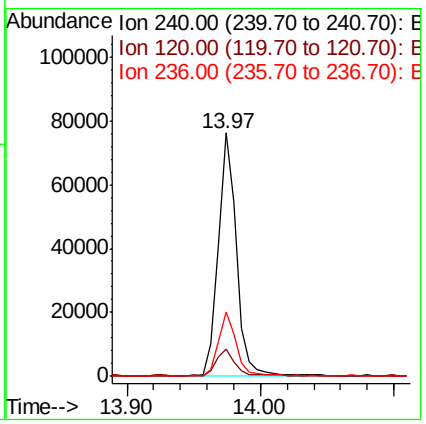


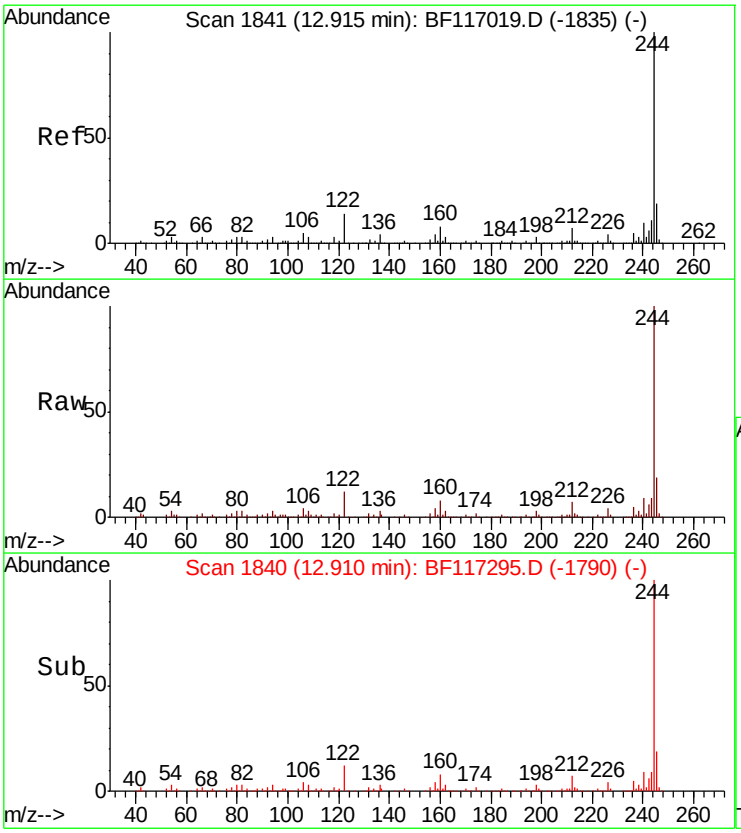
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 74367

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.3	20.3	30.5

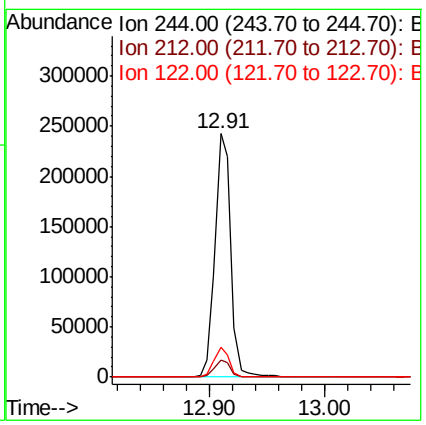


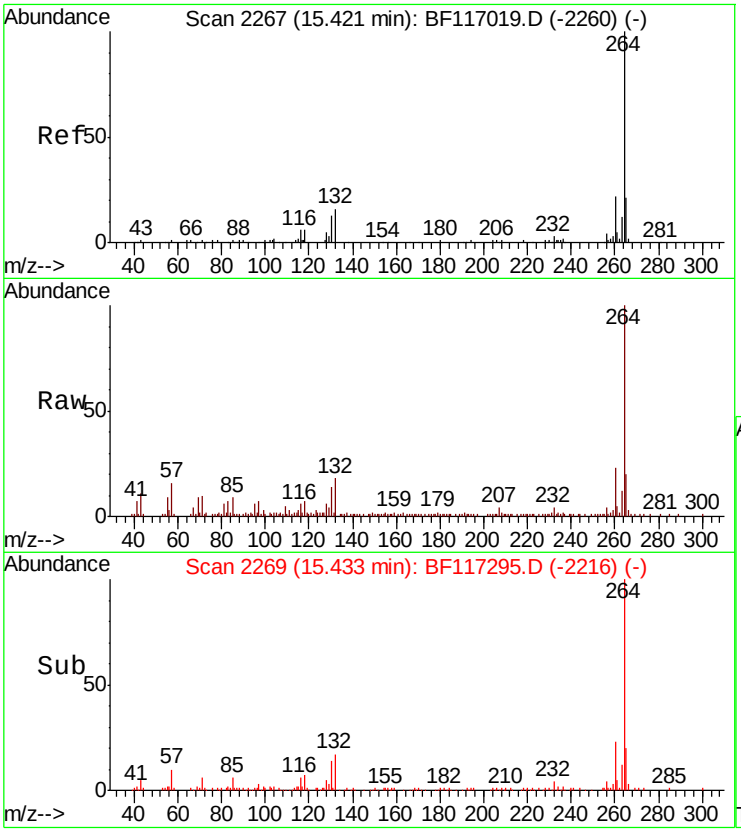


#79
Terphenyl-d14
Concen: 57.915 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:244 Resp: 230416

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	11.3	16.9



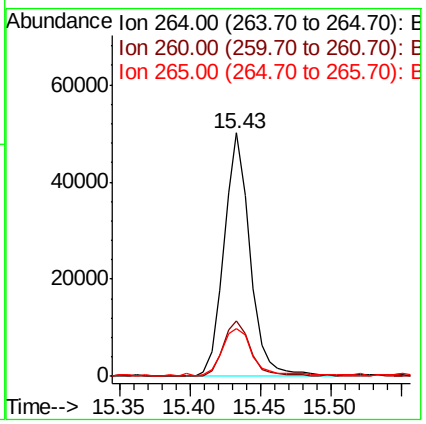


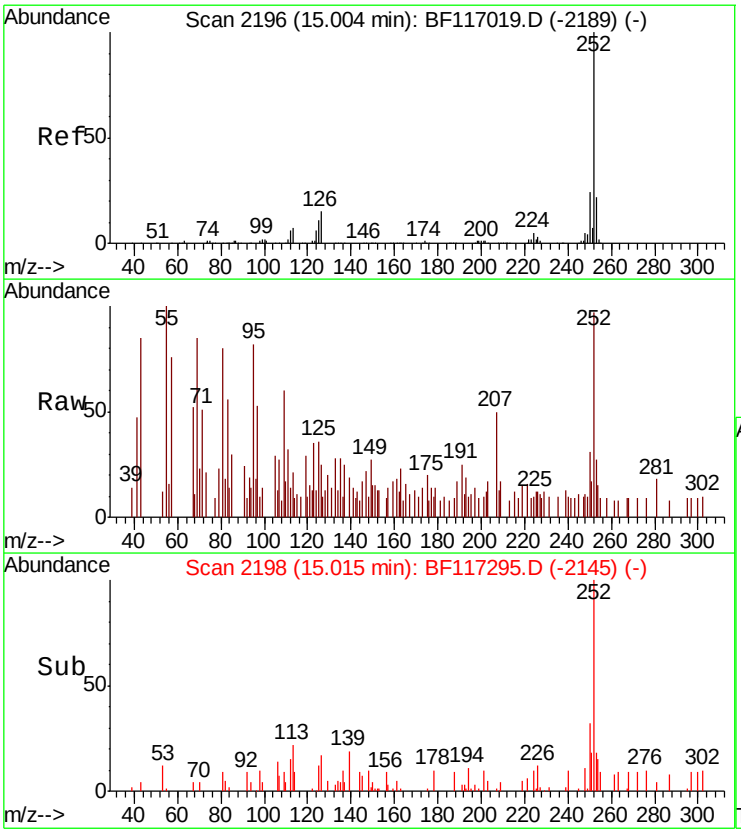
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 64331

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	19.8	16.6	24.8

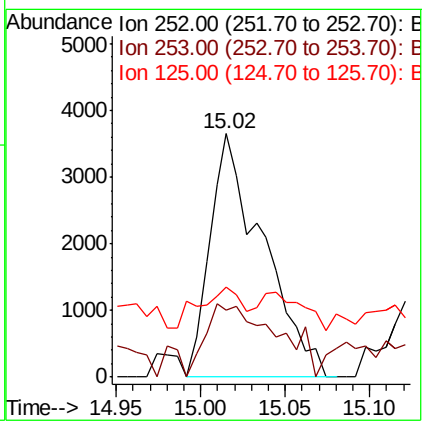


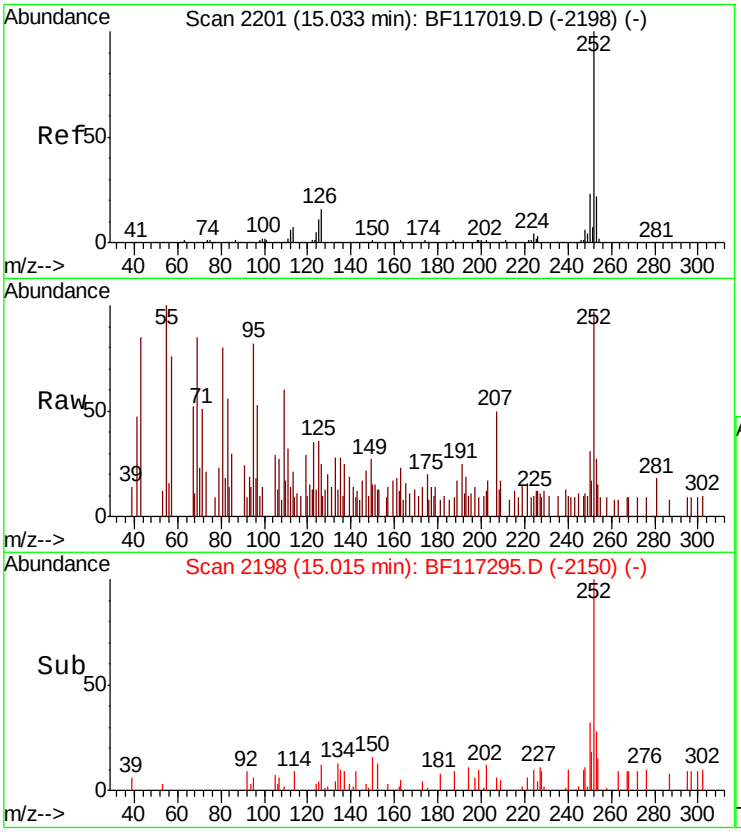


#88
Benzo(b)fluoranthene
Concen: 2.043 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:252 Resp: 7961

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	37.2	8.6	12.8#



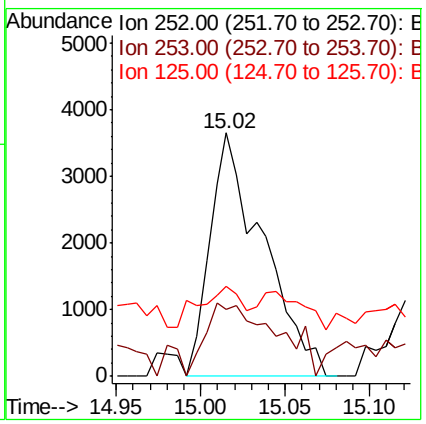


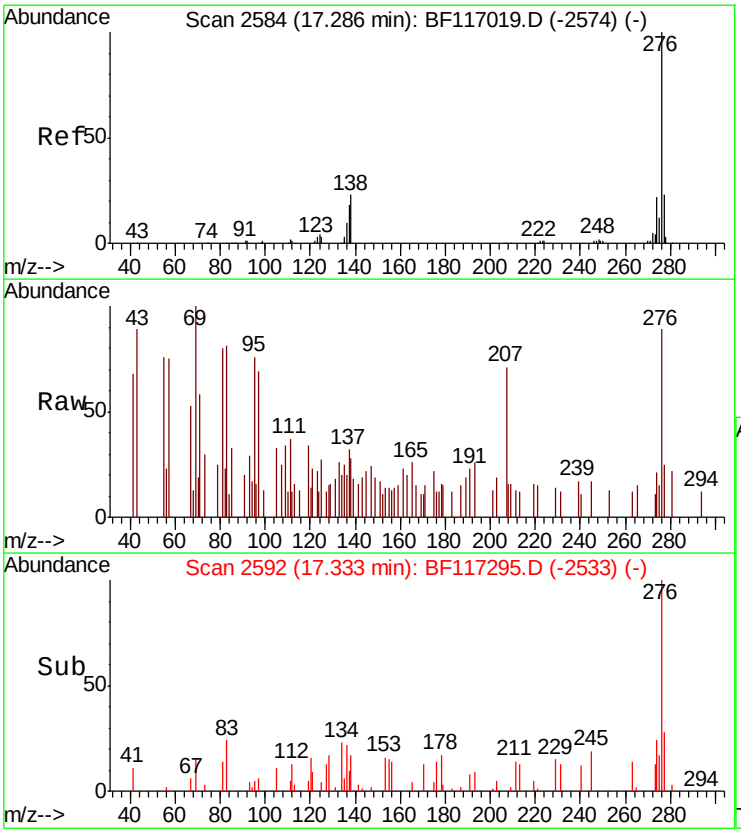
#89
Benzo(k)fluoranthene
Concen: 2.157 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 7961

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.4	26.2#
125	37.2	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.045 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:276 Resp: 5551

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	27.8#
138	30.8	18.0	27.0#