Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117293.D
Acq On : 2 Oct 2019 12:24
Operator : JU
Sample : K4659-01RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:29:53 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	39711	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	160459	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	75393	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	103186	20.00	ng		0.00
76) Chrysene-d12	13.97	240	92934	20.00	ng		0.00
87) Perylene-d12	15.44	264	94636	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	103111	40.54	ng		-0.01
7) Phenol-d6	6.45	99	140631	42.78	ng		-0.01
23) Nitrobenzene-d5	7.37	82	85617	28.04	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	23279	36.94	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	155158	32.18	ng		-0.01
79) Terphenyl-d14	12.91	244	129974	26.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	2646	Below Cal		#	67
19) n-Nitroso-di-n-propylamine	7.37	70	11358	5.674	ng	#	78
25) Isophorone	7.37	82	85617	15.834	ng	#	66
50) Dimethylphthalate	9.56	163	27297	5.114	ng		97
58) Fluorene	10.39	166	9914	2.013	ng		99
69) Atrazine	11.04	200	318	Below Cal		#	38
71) Phenanthrene	11.35	178	98737	16.847	ng		98
72) Anthracene	11.35	178	98737	16.501	ng		99
75) Fluoranthene	12.54	202	197854	32.855	ng		99
78) Pyrene	12.78	202	172859	22.167	ng		97
81) Benzo(a)anthracene	13.97	228	92003	14.818	ng		98
83) Chrysene	14.00	228	84057	13.880	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	30459	6.894	ng		99
88) Benzo(b)fluoranthene	15.02	252	127432	22.230	ng	#	91
89) Benzo(k)fluoranthene	15.02	252	127432	23.467	ng	#	91
90) Benzo(a)pyrene	15.37	252	61569	12.240	ng	#	87
91) Dibenzo(a,h)anthracene	16.89	278	8067	2.013	ng	#	66
92) Benzo(g,h,i)perylene	17.34	276	29717	7.442	ng	#	94

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

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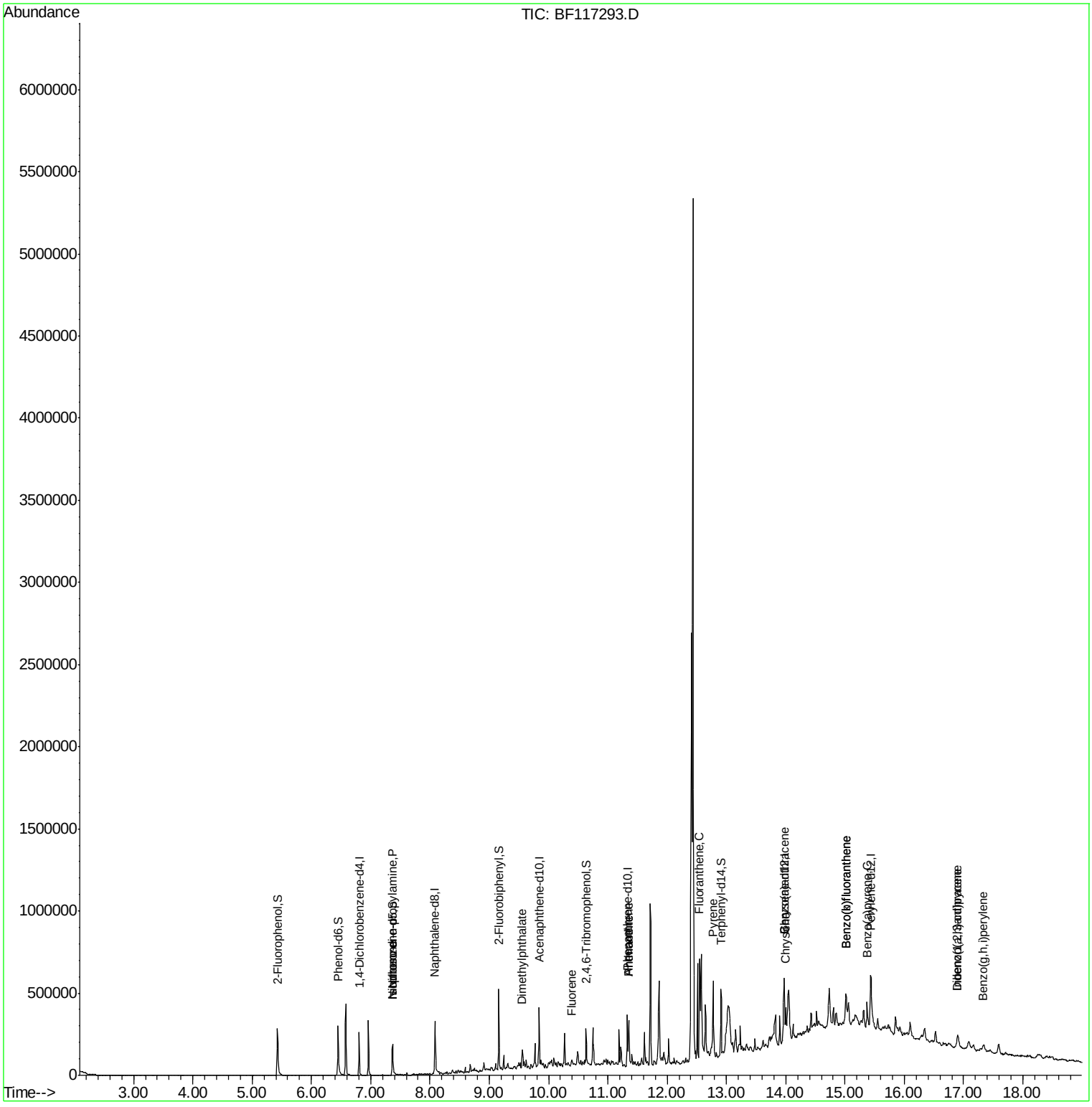
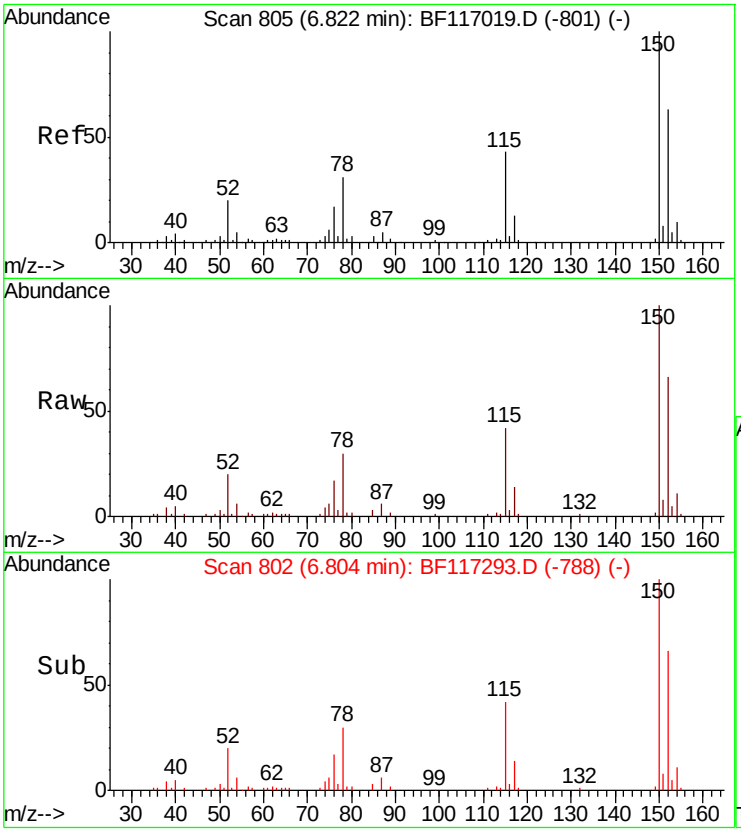


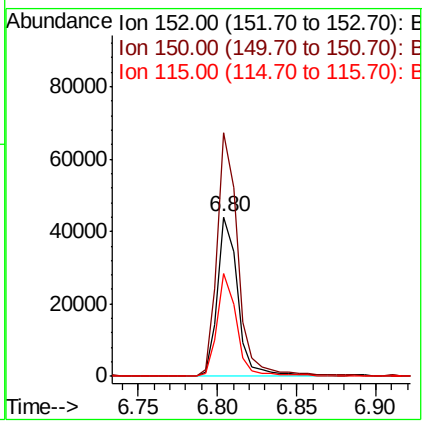


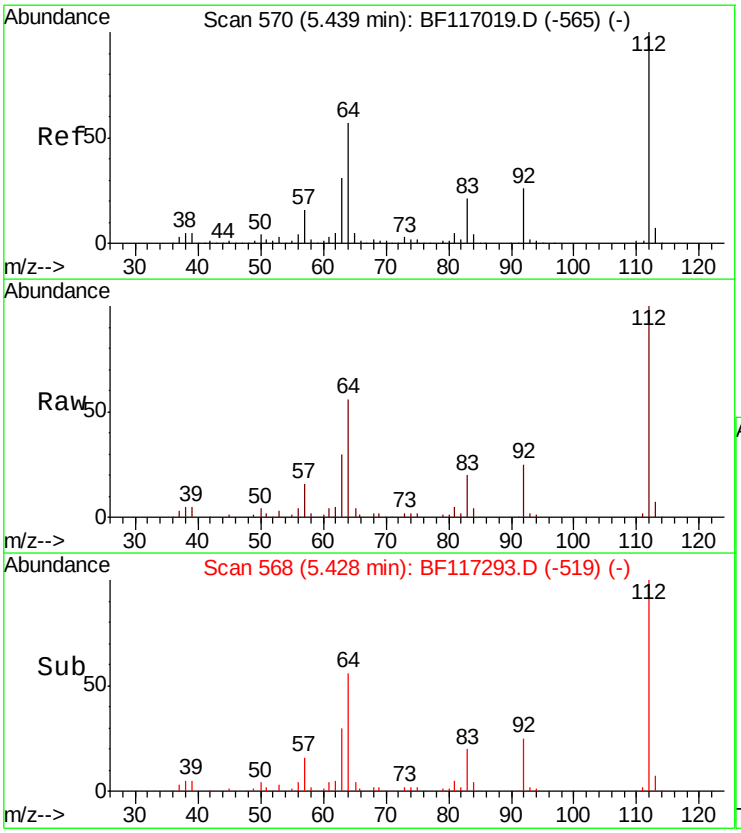
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39711

Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.5	191.3
115	64.3	55.0	82.4

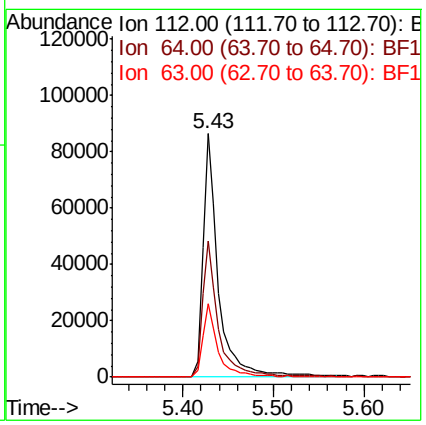


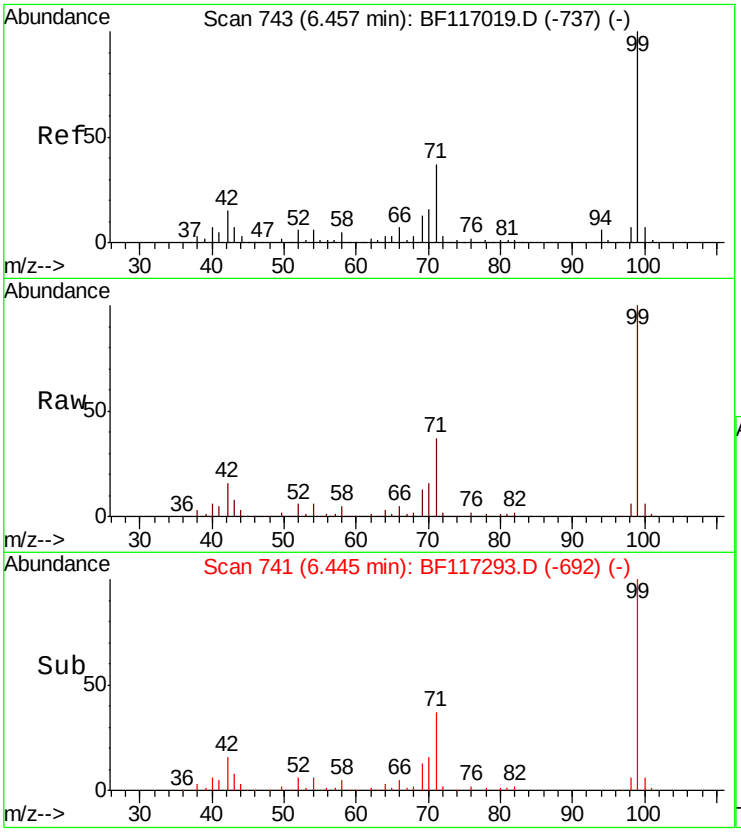


#5
2-Fluorophenol
Concen: 40.538 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:112 Resp: 103111

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	29.9	24.9	37.3



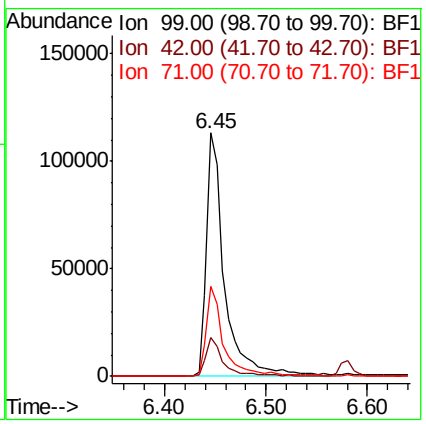


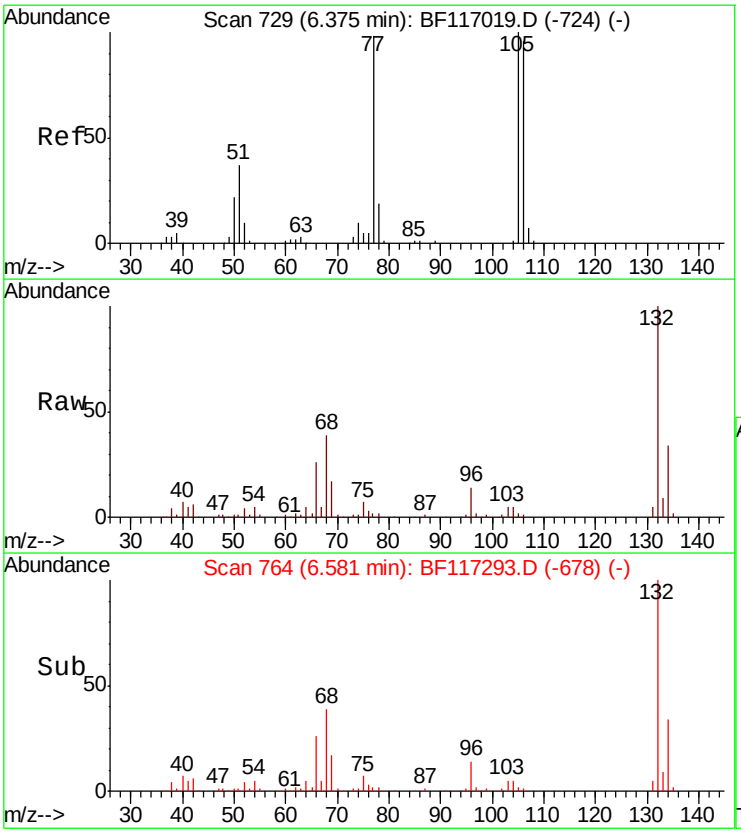
#7
Phenol-d6
Concen: 42.782 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 140631

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	36.8	29.8	44.8

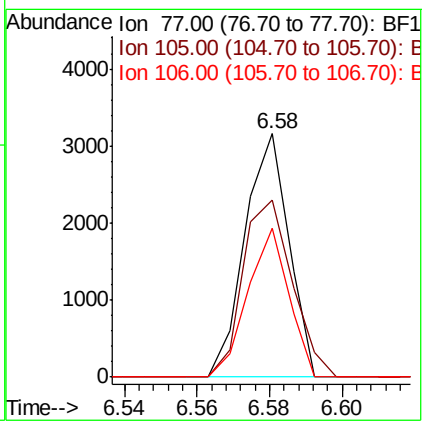


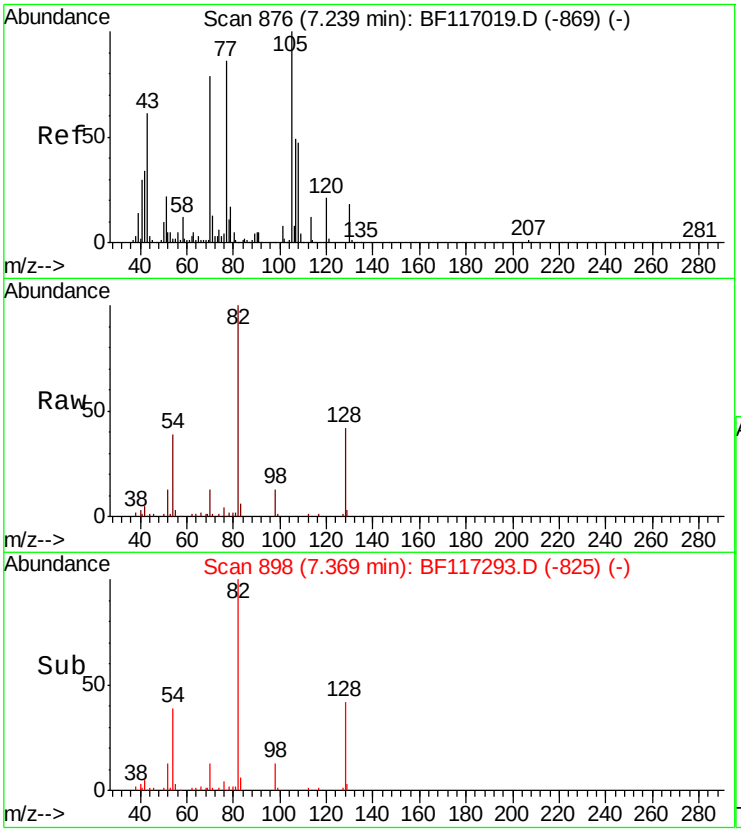


#9
Benzaldehyde
Concen: Below Cal
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion: 77 Resp: 2646

Ion	Ratio	Lower	Upper
77	100		
105	72.5	81.8	121.8#
106	61.2	77.3	117.3#



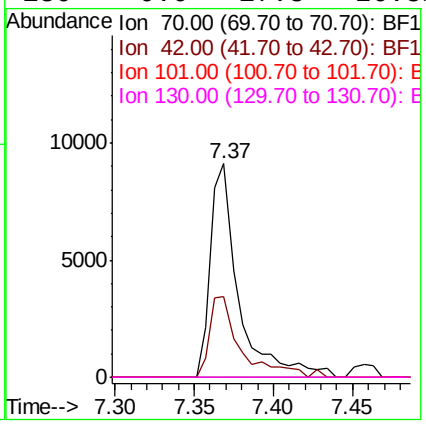


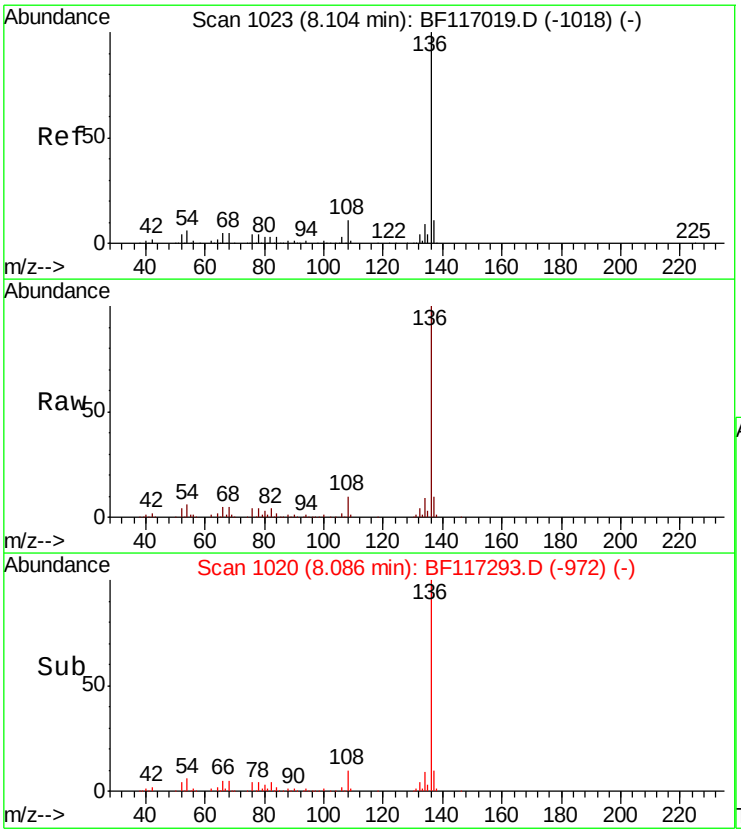
#19
n-Nitroso-di-n-propylamine
Concen: 5.674 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 11358

Ion	Ratio	Lower	Upper
70	100		
42	37.5	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

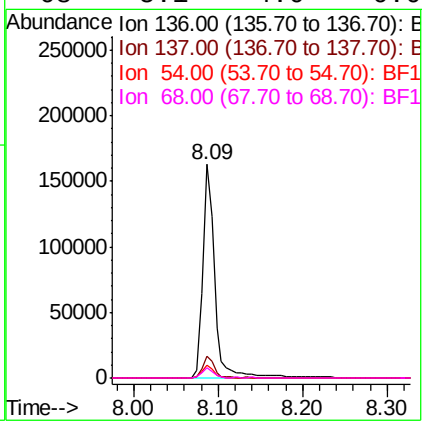


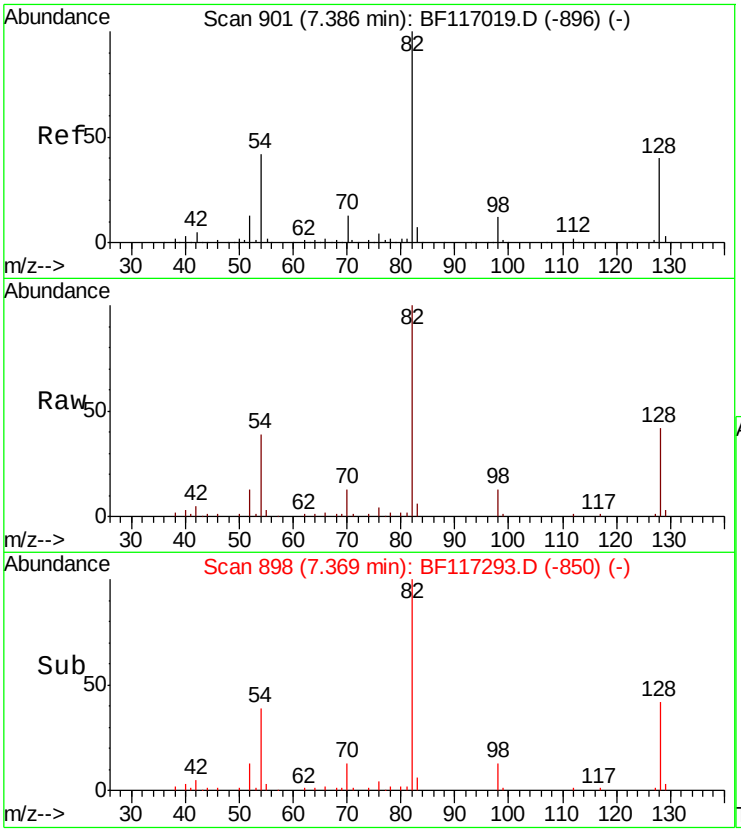


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:136 Resp: 160459

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	6.0	4.5	6.7
68	5.1	4.0	6.0



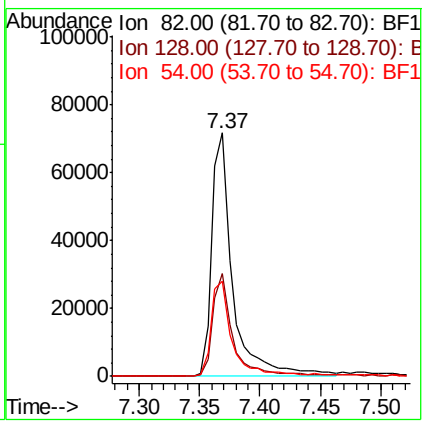


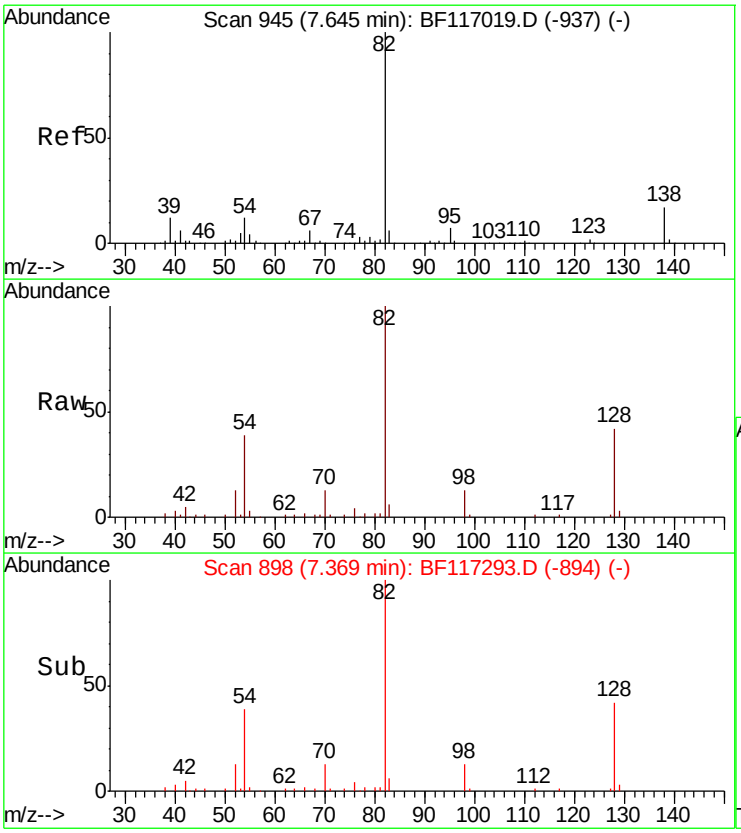
#23
Nitrobenzene-d5
Concen: 28.035 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 85617

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	39.3	33.3	49.9

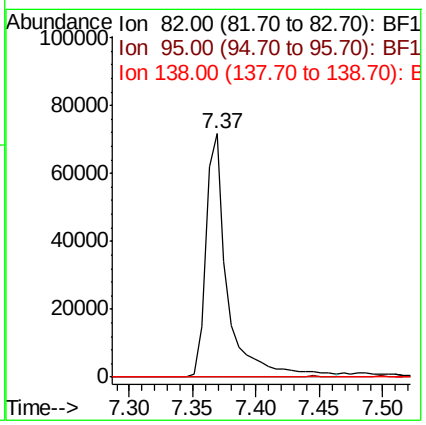


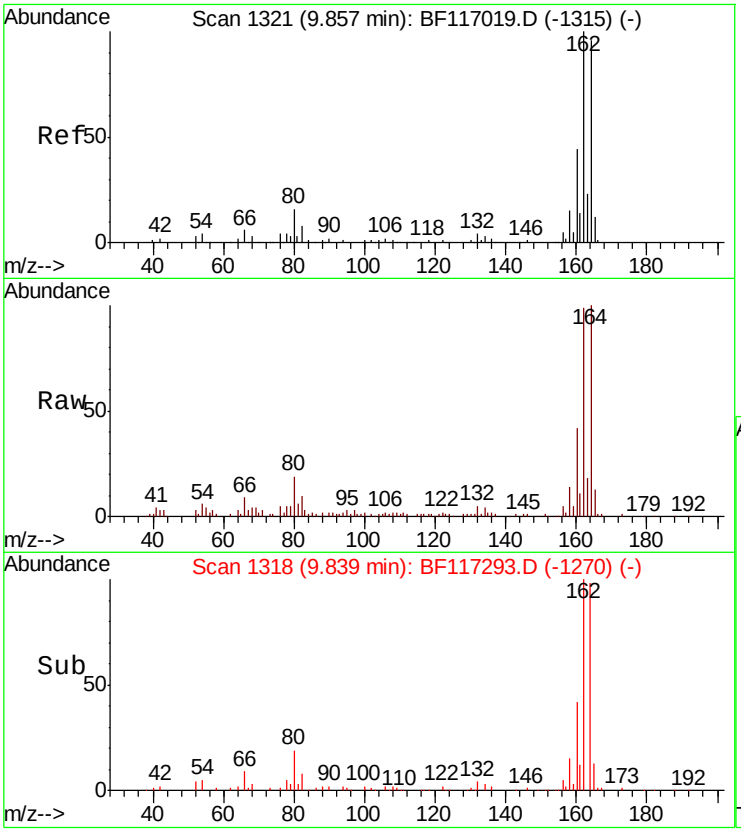


#25
Isophorone
Concen: 15.834 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion: 82 Resp: 85617

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



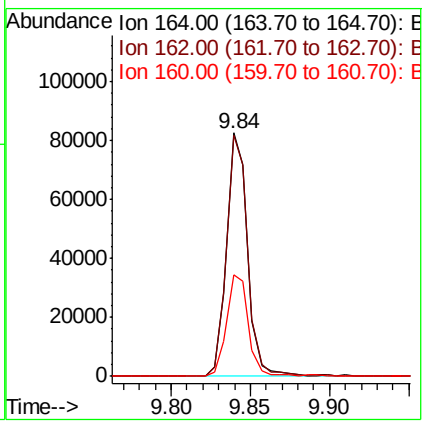


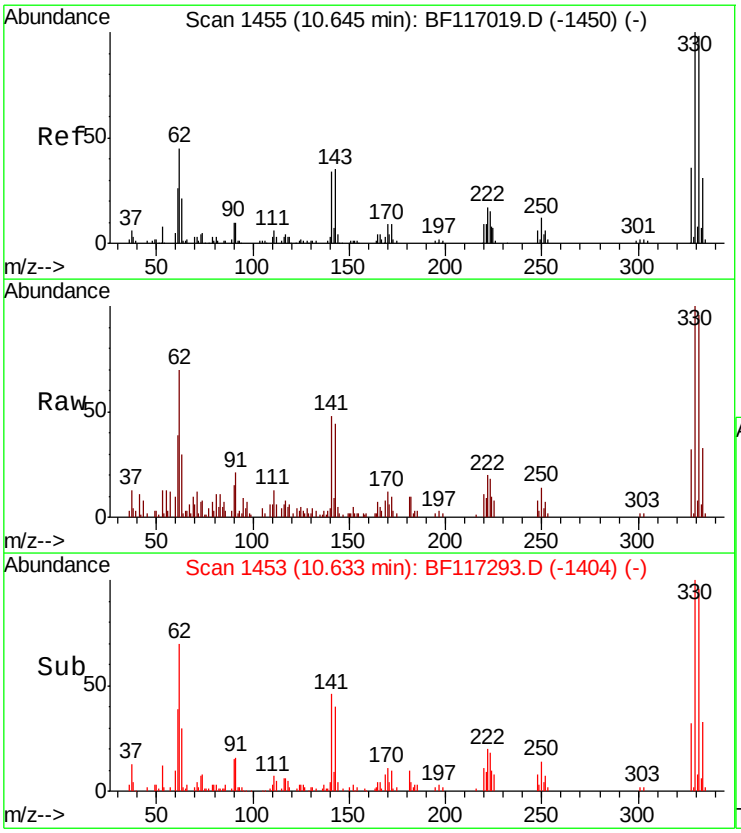
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 75393

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.4	125.2
160	41.5	36.4	54.6

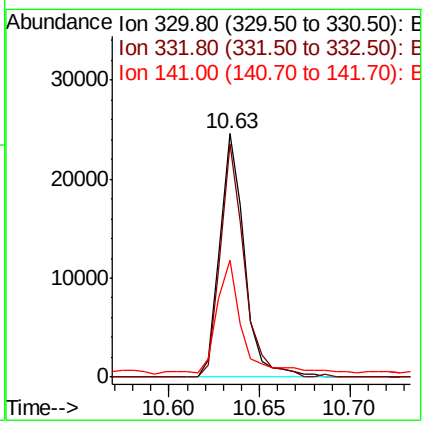


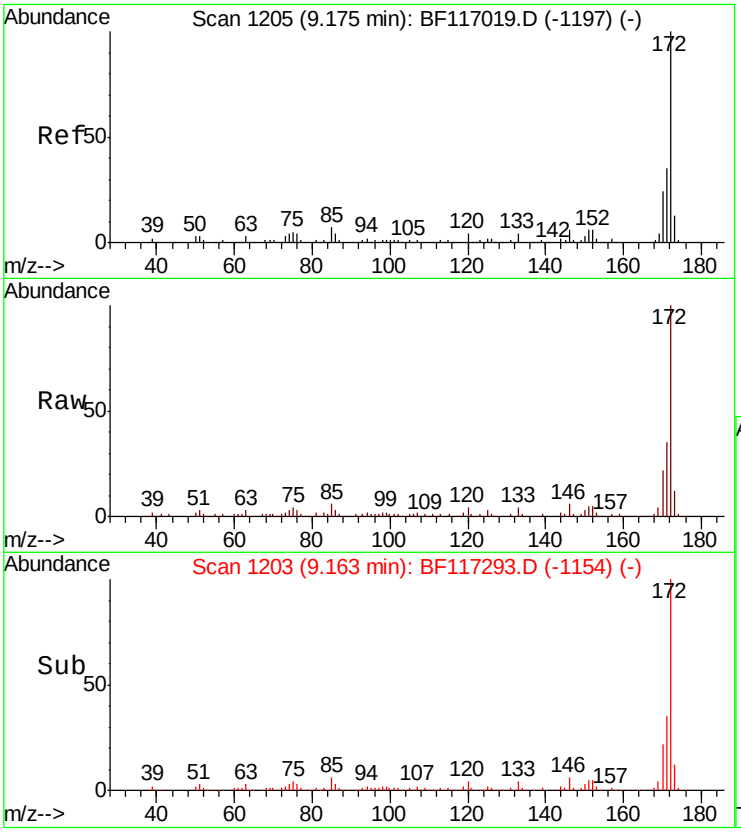


#42
2,4,6-Tribromophenol
Concen: 36.944 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:330 Resp: 23279

Ion	Ratio	Lower	Upper
330	100		
332	93.0	78.0	117.0
141	49.2	35.8	53.6



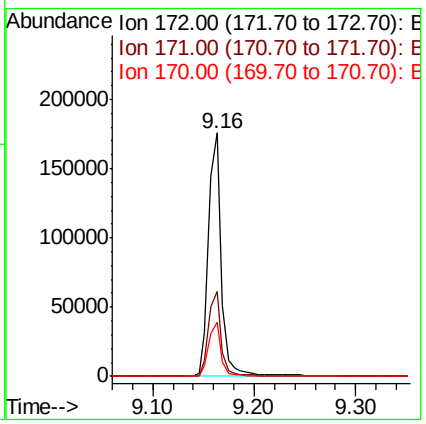


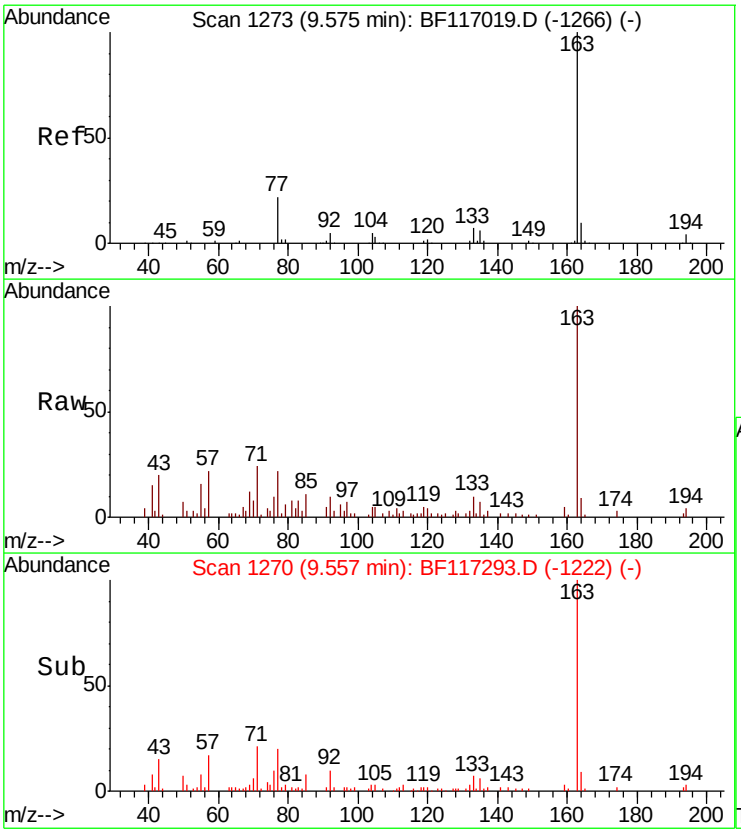
#45
2-Fluorobiphenyl
Concen: 32.178 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 155158

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.5	18.9	28.3

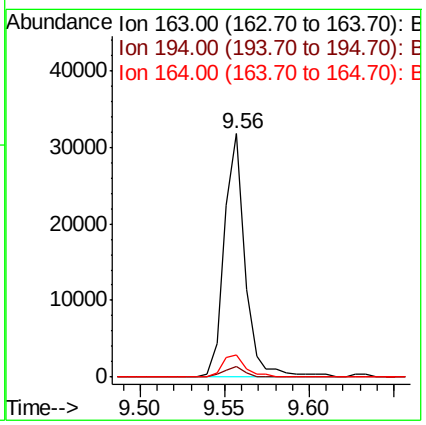


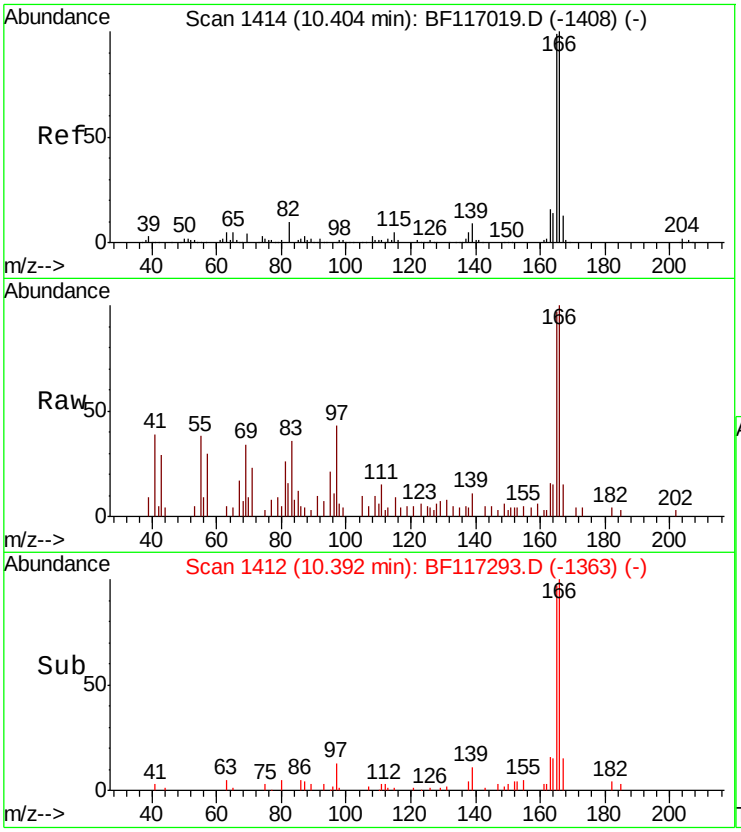


#50
Dimethylphthalate
Concen: 5.114 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:163 Resp: 27297

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	9.1	8.2	12.4



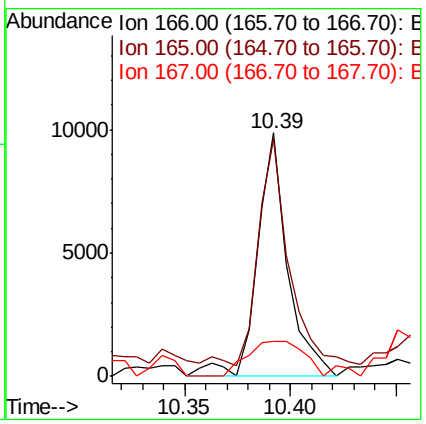


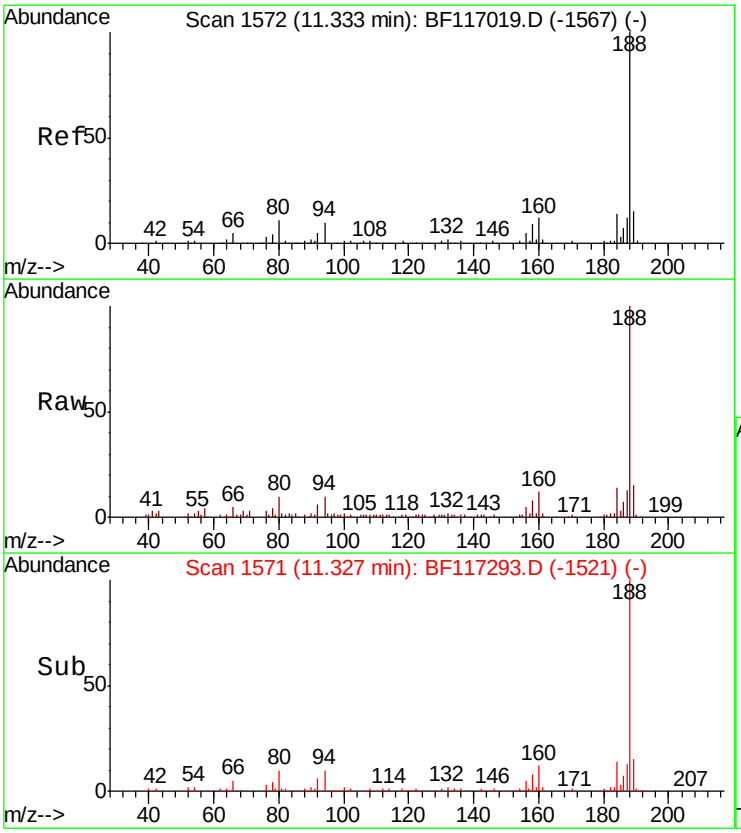
#58
Fluorene
Concen: 2.013 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 9914

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.9	118.3
167	14.6	10.6	15.8

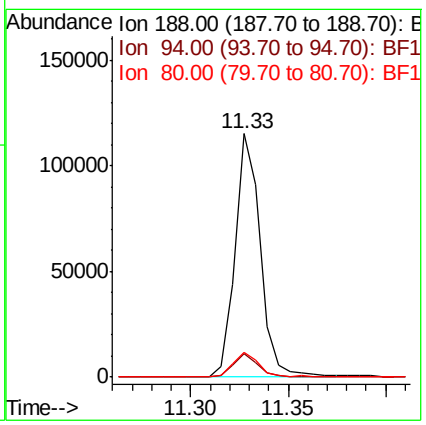


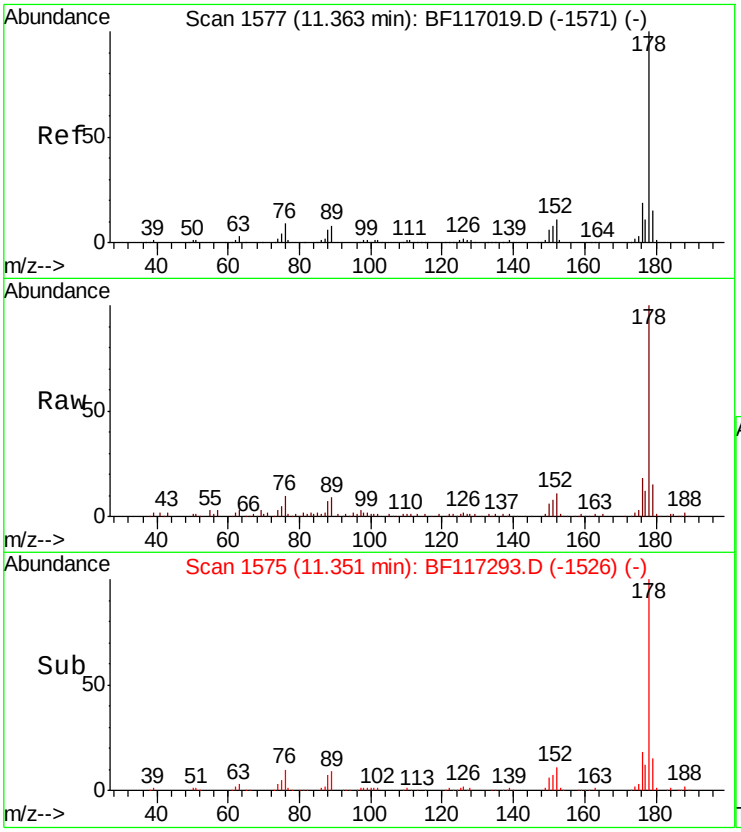


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:188 Resp: 103186

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.3	9.0	13.6



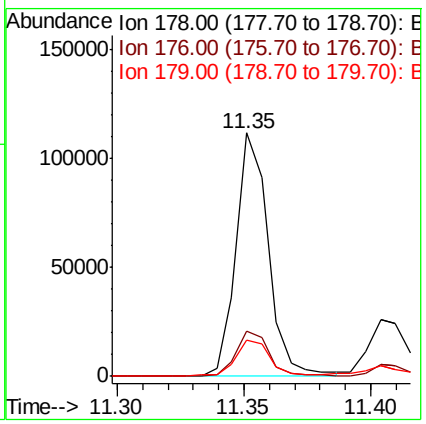


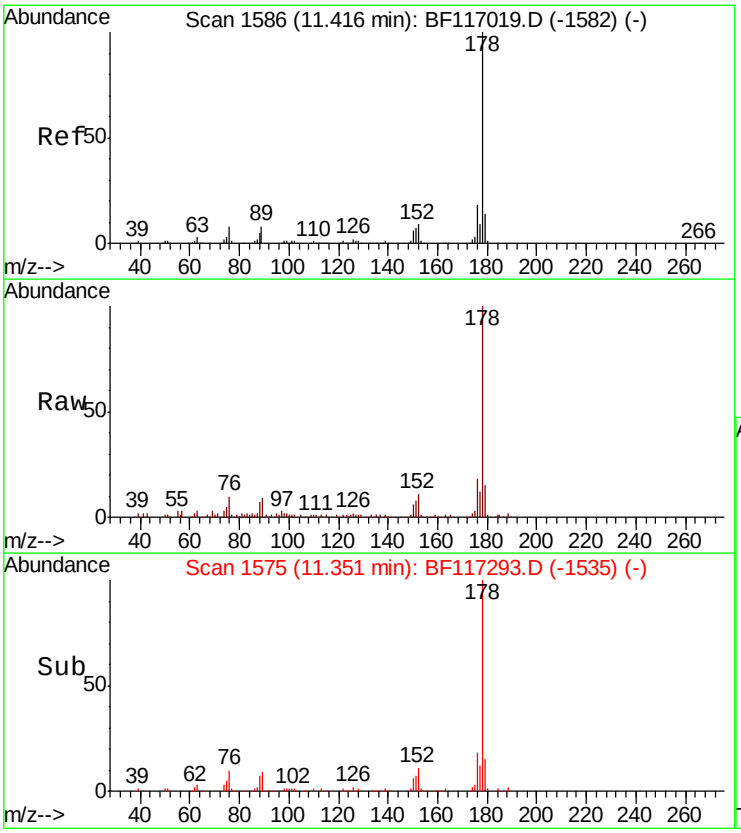
#71
Phenanthrene
Concen: 16.847 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 98737

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.4	18.6

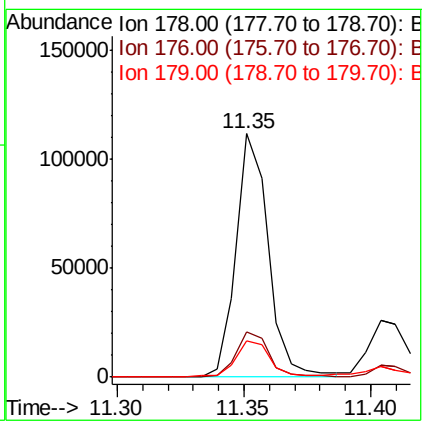


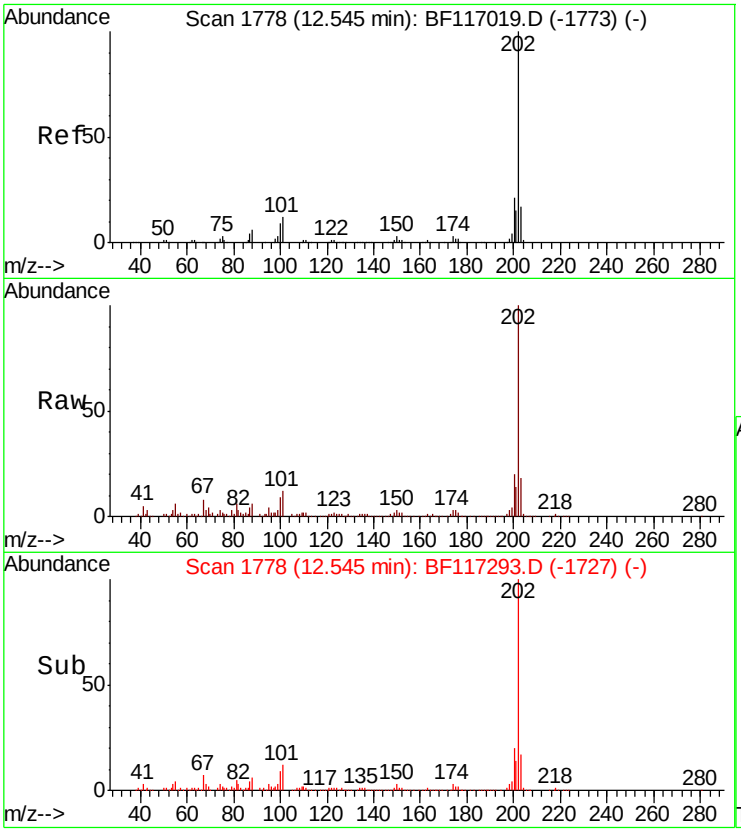


#72
Anthracene
Concen: 16.501 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.06 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:178 Resp: 98737

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.1	11.6	17.4



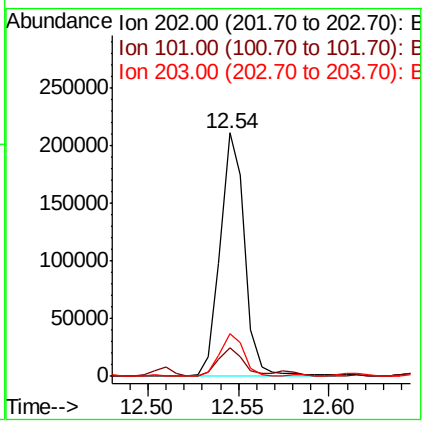


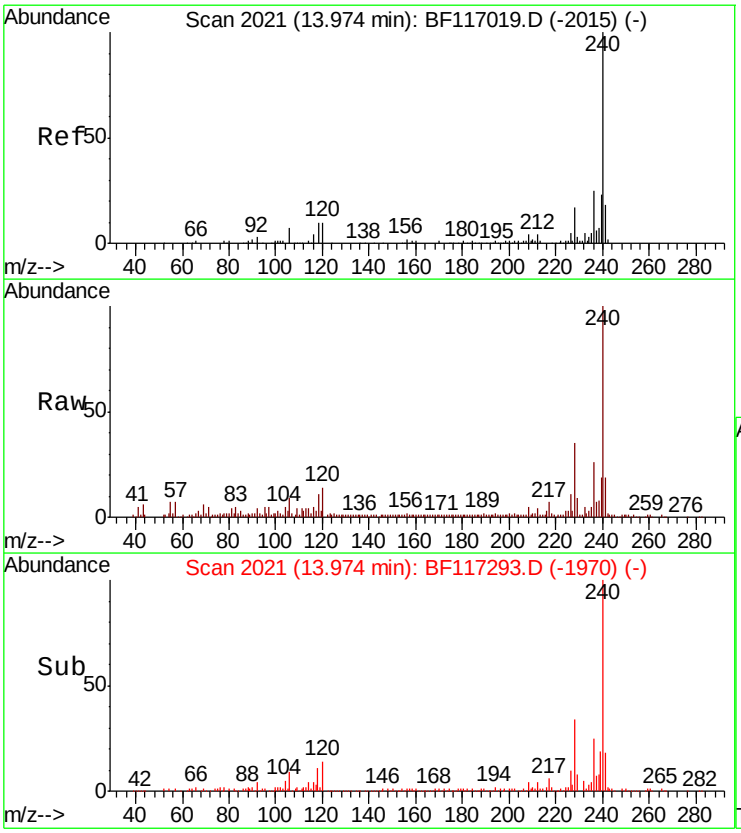
#75
Fluoranthene
Concen: 32.855 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 197854

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	17.6	0.0	37.1

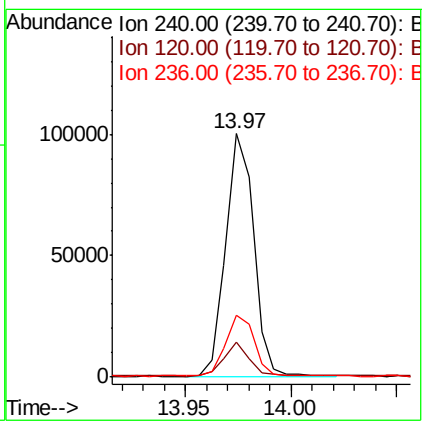


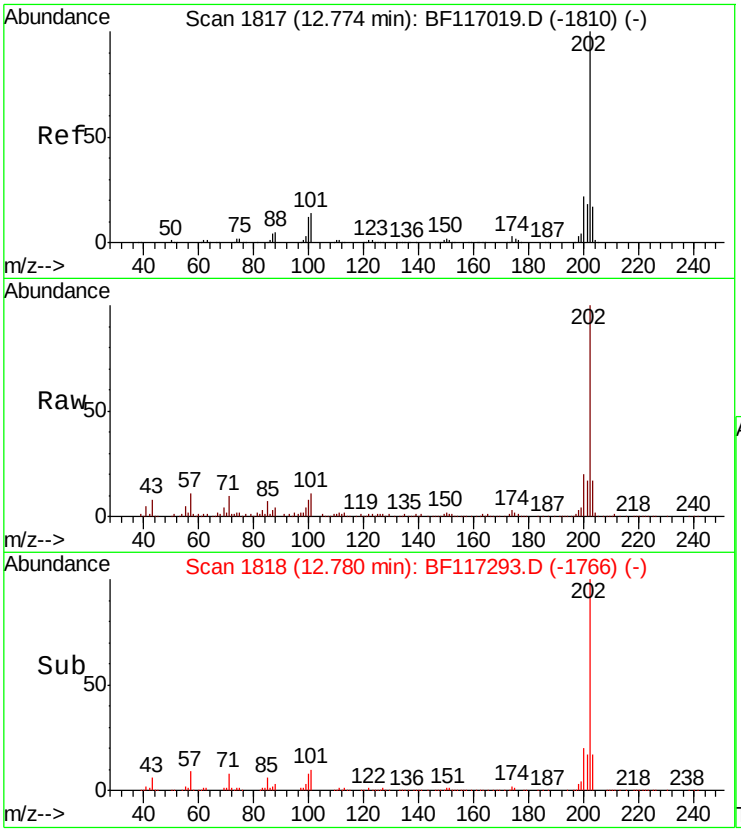


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:240 Resp: 92934

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.3	12.5#
236	25.5	20.3	30.5



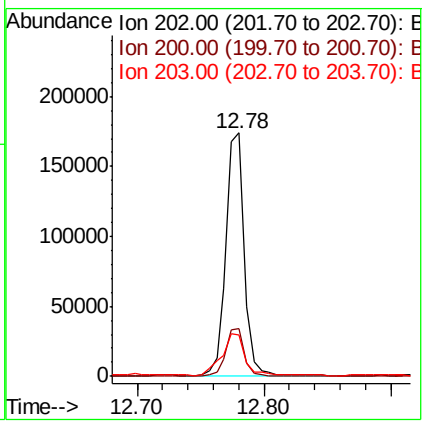


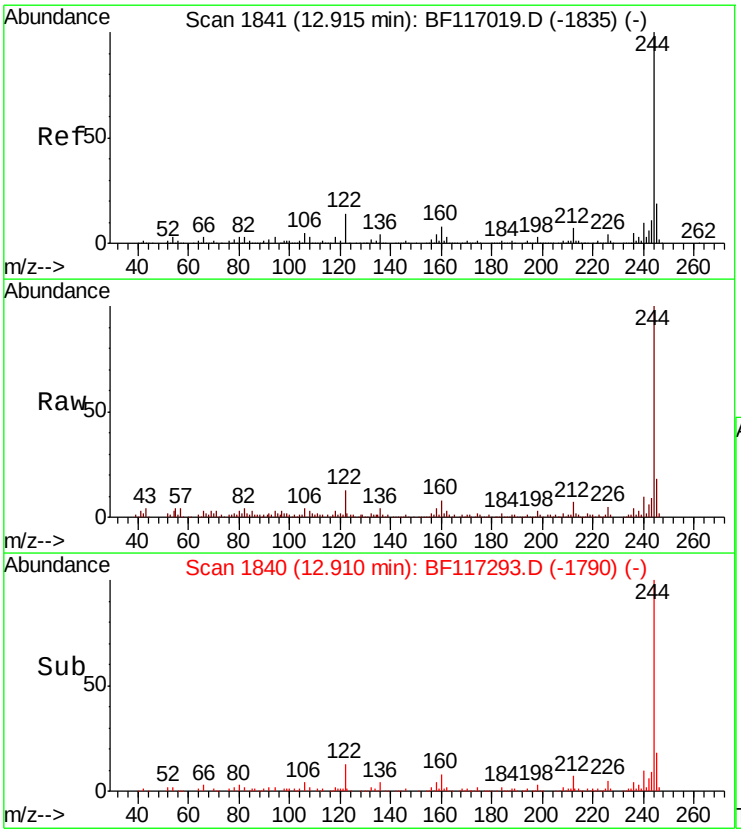
#78
Pyrene
Concen: 22.167 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 172859

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.2	25.8
203	17.1	14.0	21.0

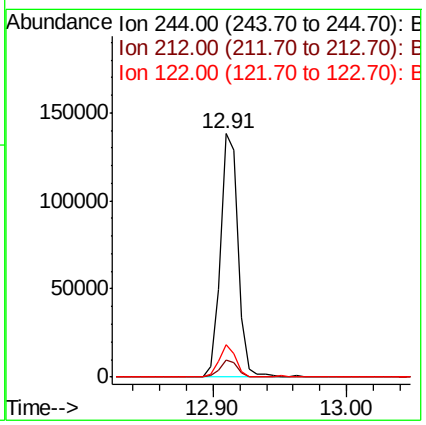


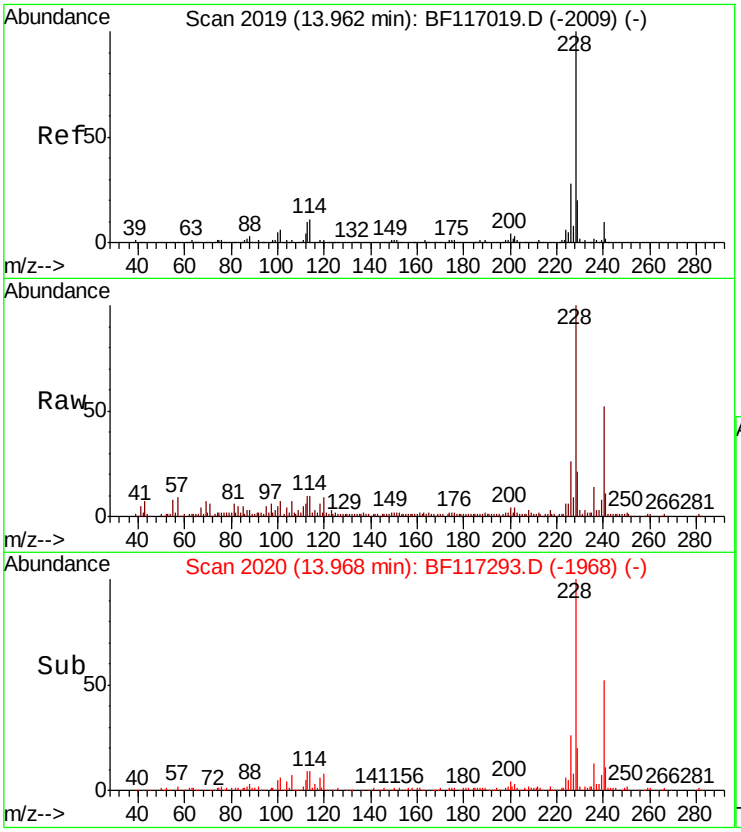


#79
Terphenyl-d14
Concen: 26.142 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:244 Resp: 129974

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.1	11.3	16.9



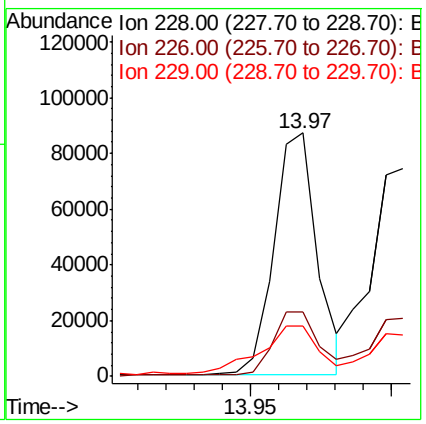


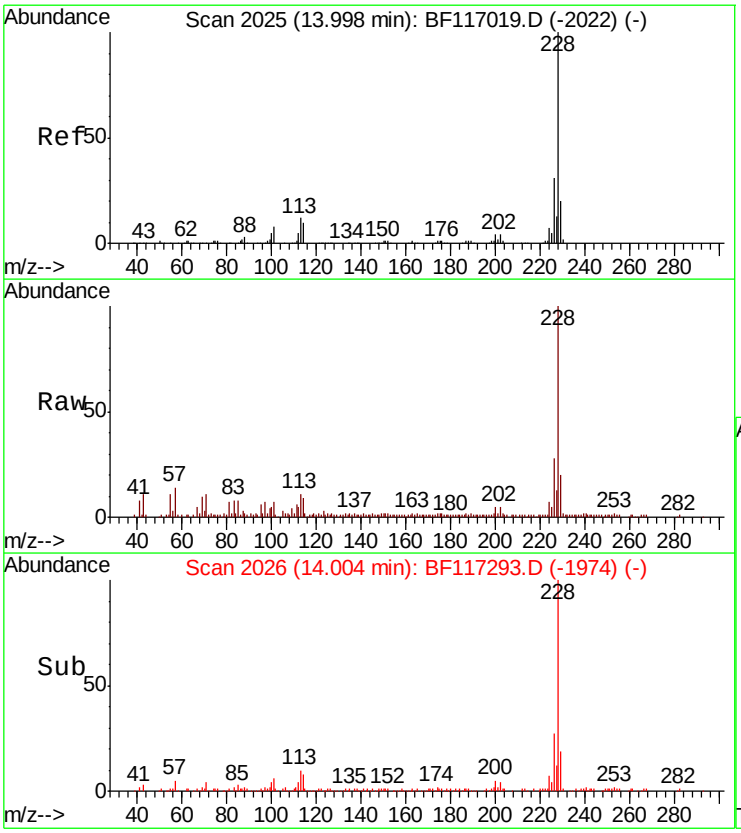
#81
Benzo(a)anthracene
Concen: 14.818 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 92003

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	20.7	15.9	23.9

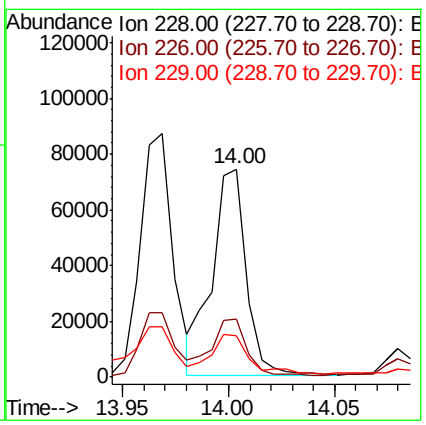


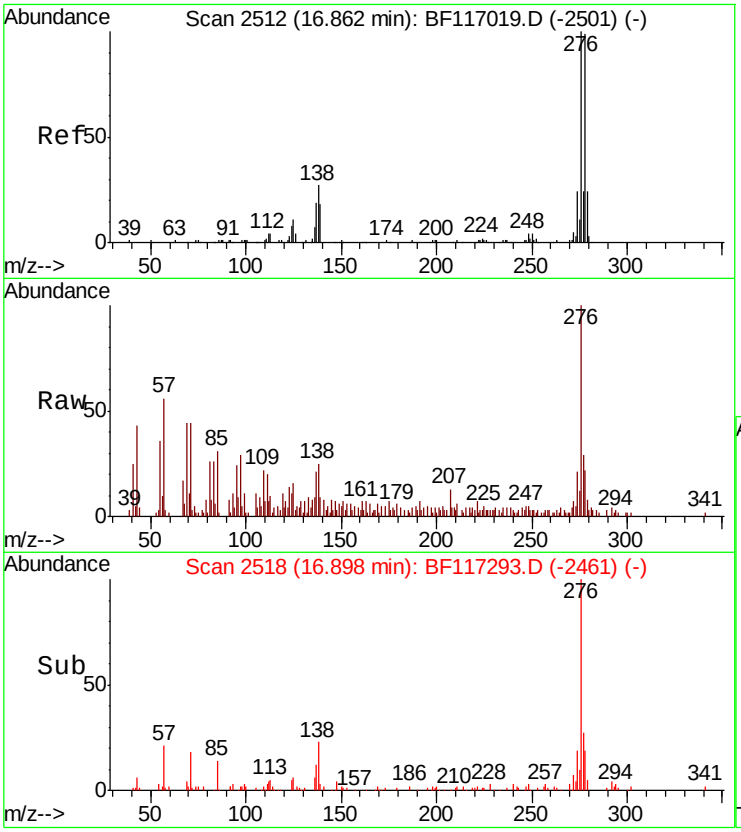


#83
Chrysene
Concen: 13.880 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:228 Resp: 84057

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.8	37.2
229	19.6	15.8	23.8



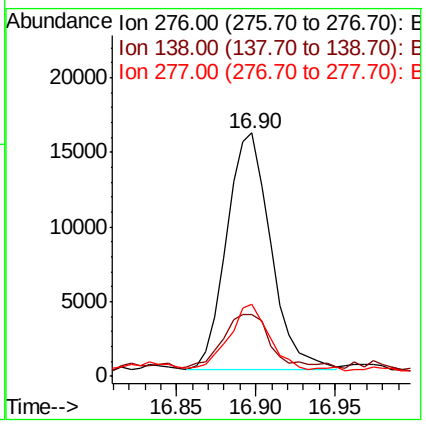


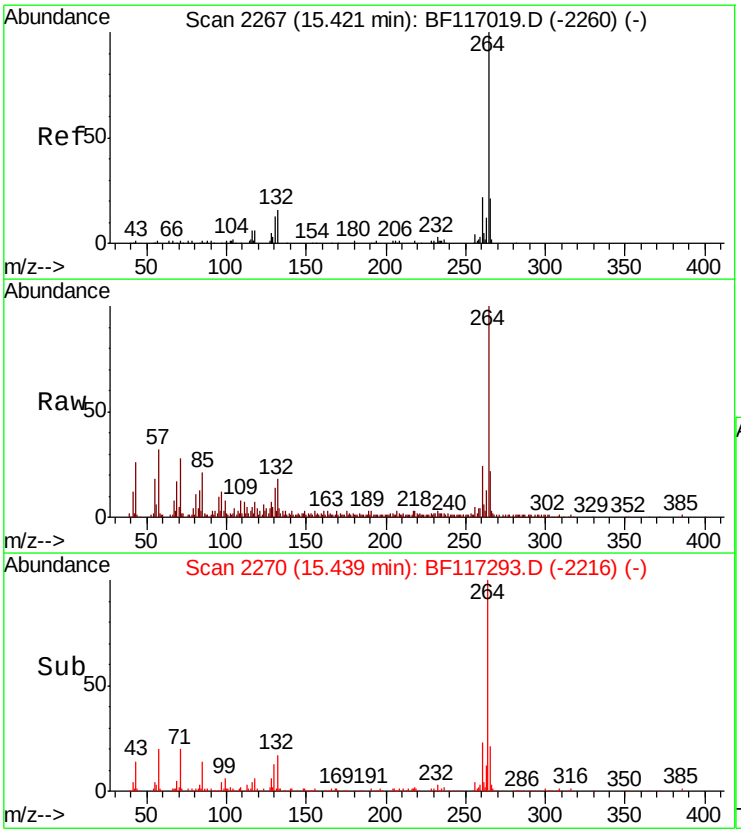
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.894 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.04 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30459

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.7	31.1
277	25.1	19.8	29.8

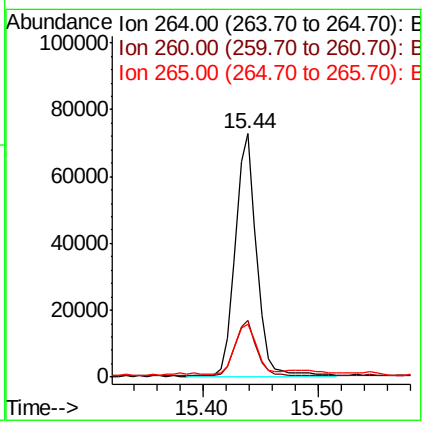


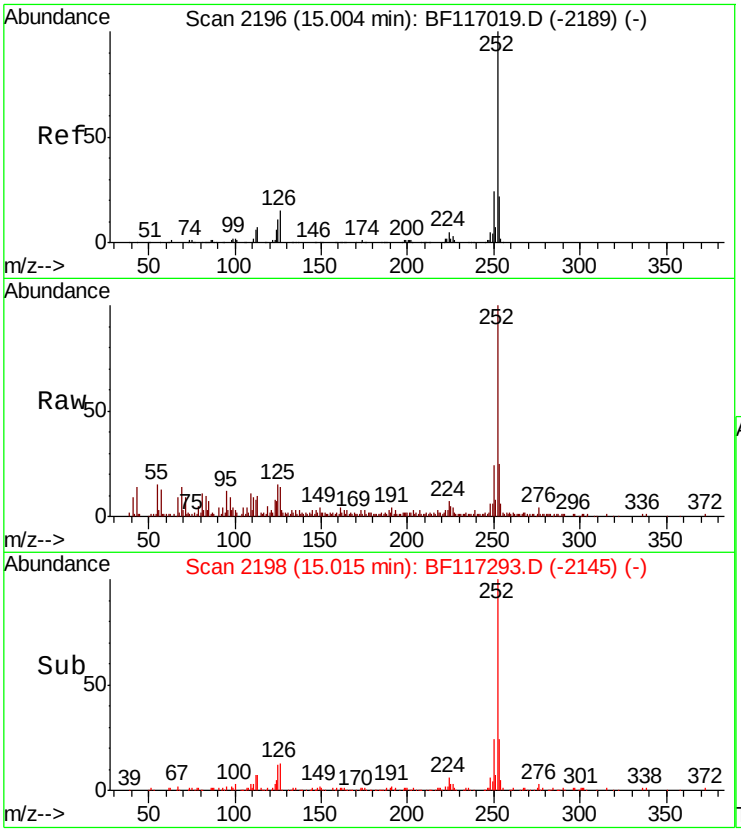


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:264 Resp: 94636

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	21.9	16.6	24.8



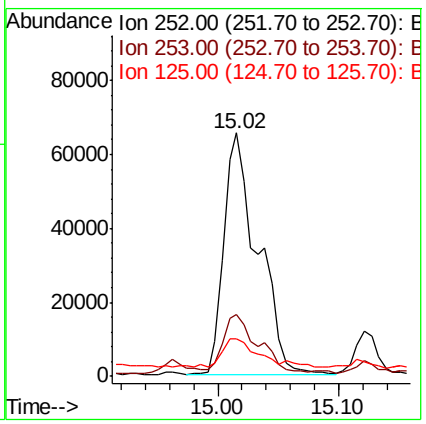


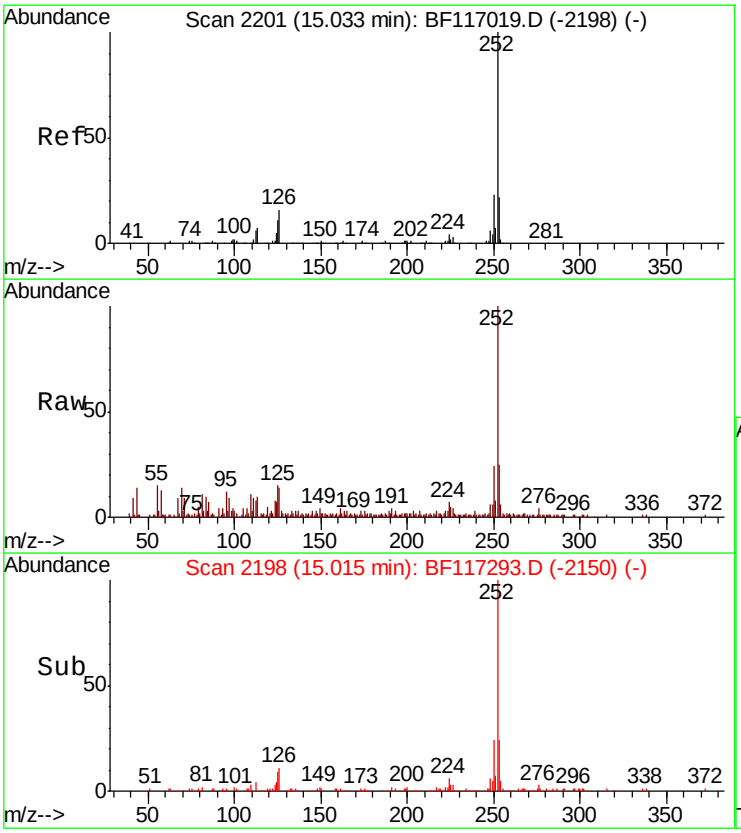
#88
Benzo(b)fluoranthene
Concen: 22.230 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 127432

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	15.4	8.6	12.8#

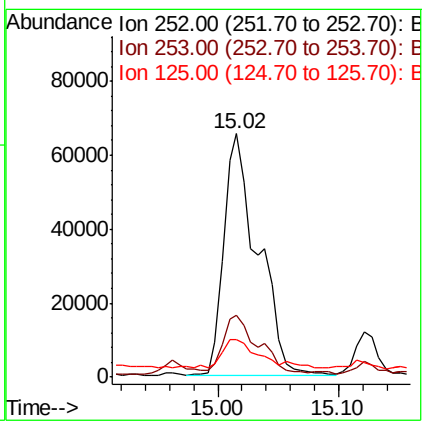


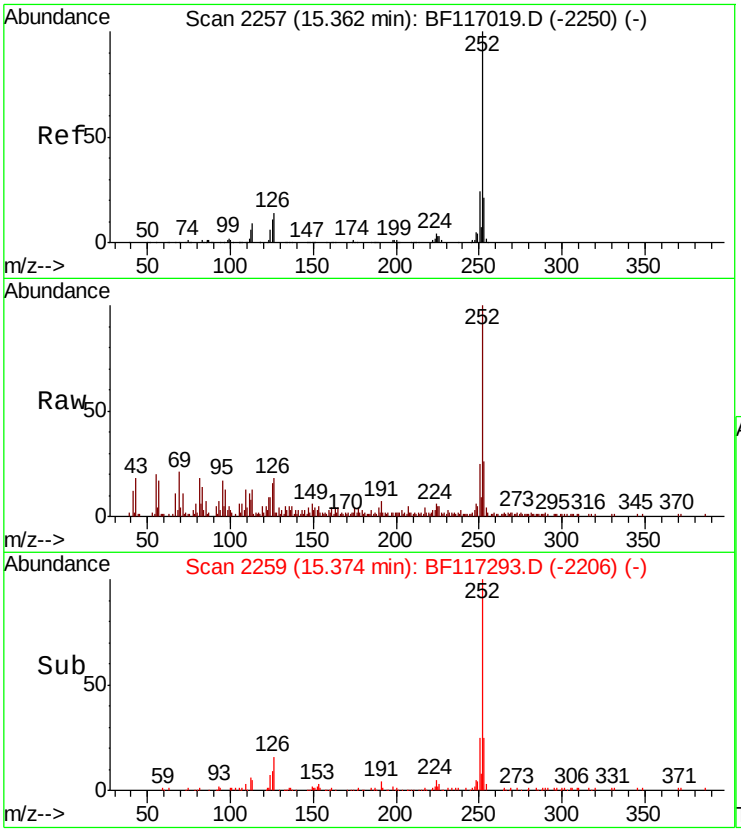


#89
Benzo(k)fluoranthene
Concen: 23.467 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:252 Resp: 127432

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	15.4	8.8	13.2#



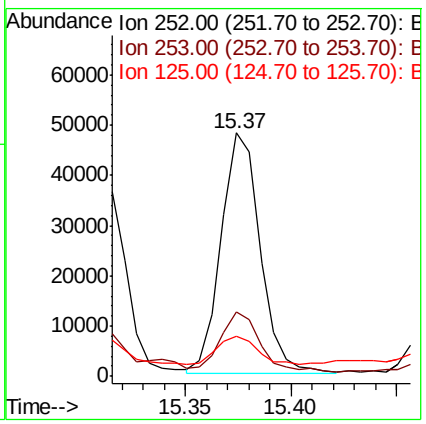


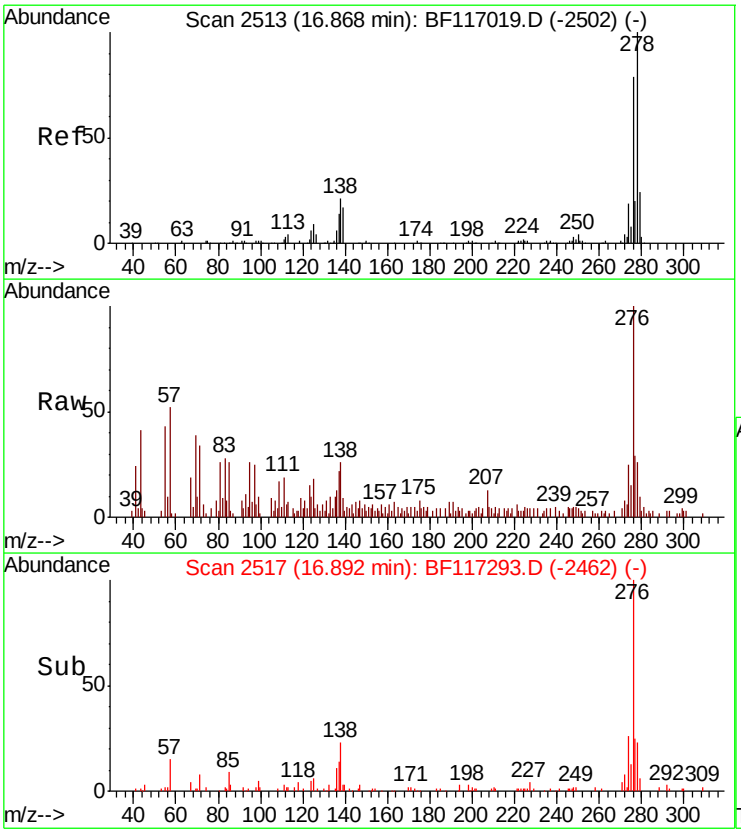
#90
Benzo(a)pyrene
Concen: 12.240 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 61569

Ion	Ratio	Lower	Upper
252	100		
253	26.5	16.6	25.0#
125	16.2	8.9	13.3#

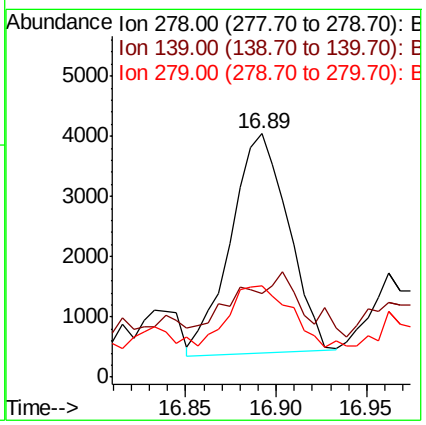


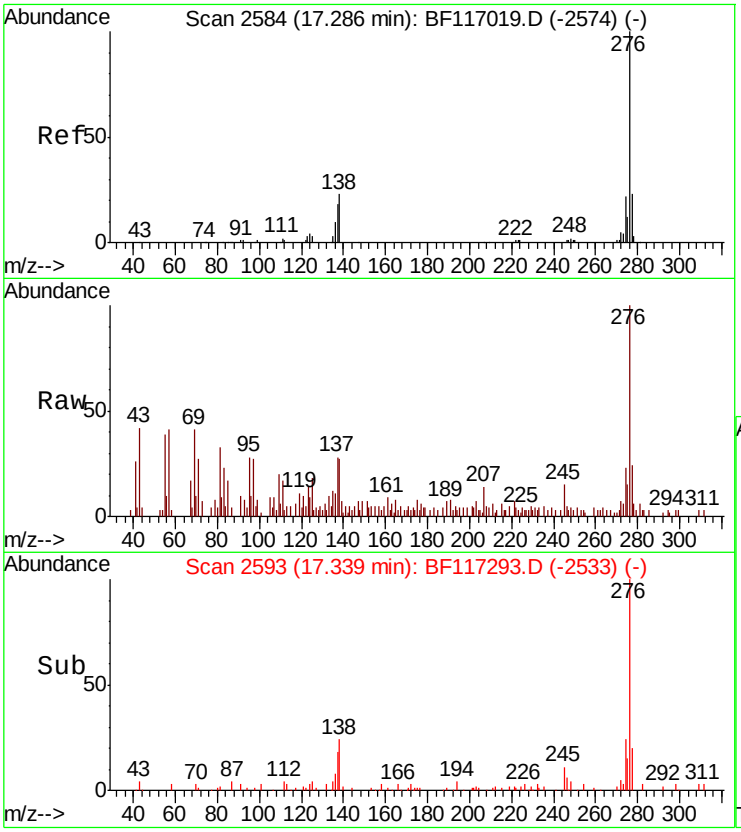


#91
Dibenzo(a,h)anthracene
Concen: 2.013 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Tgt Ion:278 Resp: 8067

Ion	Ratio	Lower	Upper
278	100		
139	34.4	13.5	20.3#
279	37.6	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.442 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.05 min
Lab File: BF117293.D
Acq: 2 Oct 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29717

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	27.4	18.0	27.0#