Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117283.D
Acq On : 1 Oct 2019 18:15
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619RE

Quant Time: Oct 01 18:43:28 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	51951	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	207236	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	97108	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	121163	20.00	ng		0.00
76) Chrysene-d12	13.97	240	83109	20.00	ng		0.00
87) Perylene-d12	15.43	264	83369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	150475	45.22	ng		-0.01
7) Phenol-d6	6.45	99	205346	47.75	ng		-0.01
23) Nitrobenzene-d5	7.37	82	128542	32.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	30874	38.04	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	228623	36.81	ng		-0.02
79) Terphenyl-d14	12.91	244	147862	33.26	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	128	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	15776	6.025	ng	#	80
25) Isophorone	7.37	82	128541	18.406	ng	#	66
49) Acenaphthylene	9.70	152	19564	2.172	ng		97
50) Dimethylphthalate	9.56	163	24203	3.520	ng	#	96
51) 2,6-Dinitrotoluene	9.84	165	12970	9.262	ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	12970	7.135	ng	#	18
71) Phenanthrene	11.35	178	64775	9.412	ng		98
72) Anthracene	11.40	178	27581	3.926	ng		96
75) Fluoranthene	12.55	202	173222	24.497	ng		97
78) Pyrene	12.77	202	161952	23.224	ng		97
81) Benzo(a)anthracene	13.96	228	98739	17.782	ng		98
83) Chrysene	13.99	228	82681	15.267	ng		96
86) Indeno(1,2,3-cd)pyrene	16.87	276	36402	9.213	ng		95
88) Benzo(b)fluoranthene	15.00	252	139887	27.701	ng		95
89) Benzo(k)fluoranthene	15.00	252	139887	29.242	ng		95
90) Benzo(a)pyrene	15.36	252	71350	16.101	ng	#	94
91) Dibenzo(a,h)anthracene	16.88	278	10545	2.987	ng	#	95
92) Benzo(g,h,i)perylene	17.32	276	34633	9.845	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
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Acq On : 1 Oct 2019 18:15
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Sample : K4668-16 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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SU-04-092619RE

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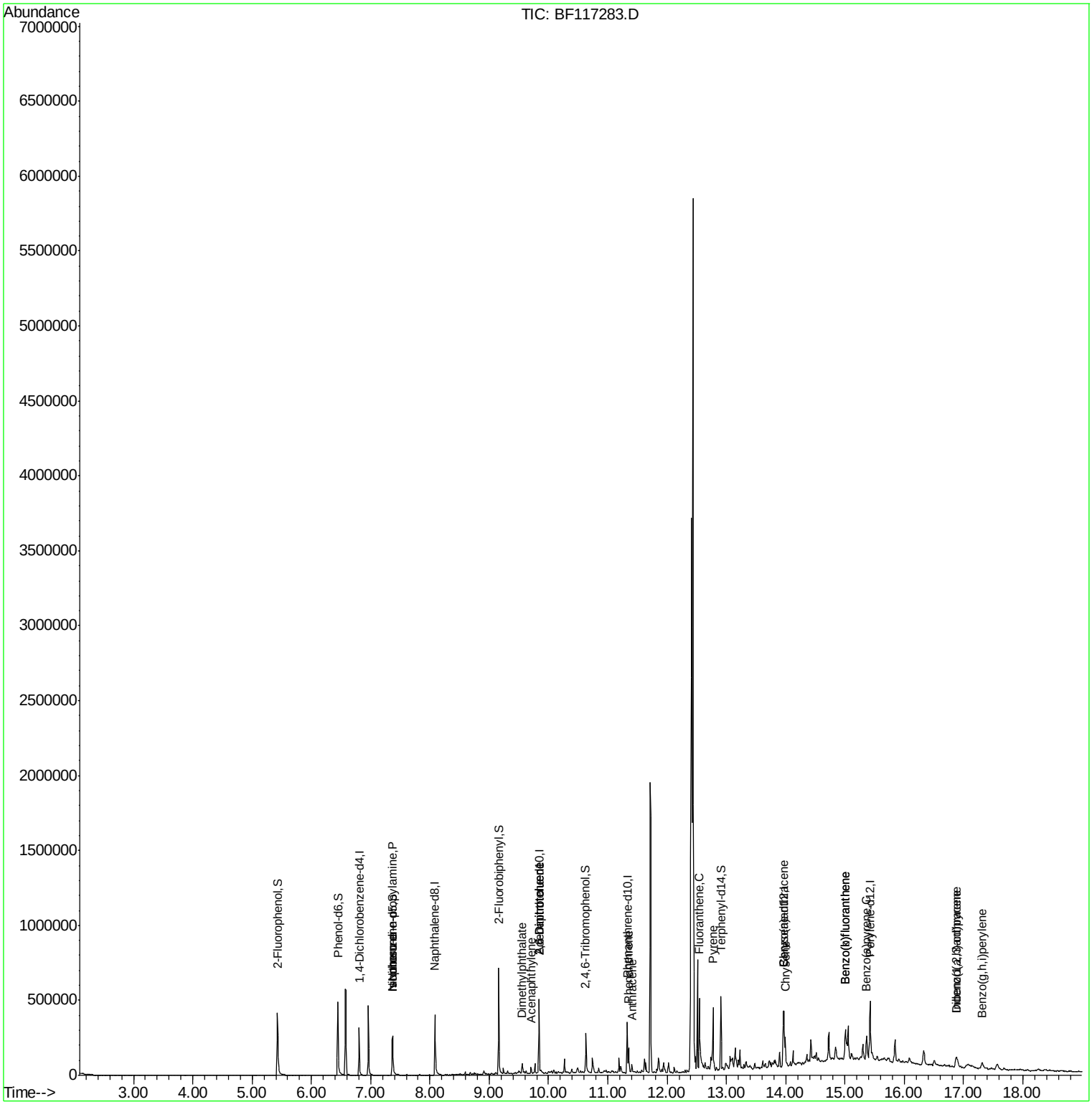
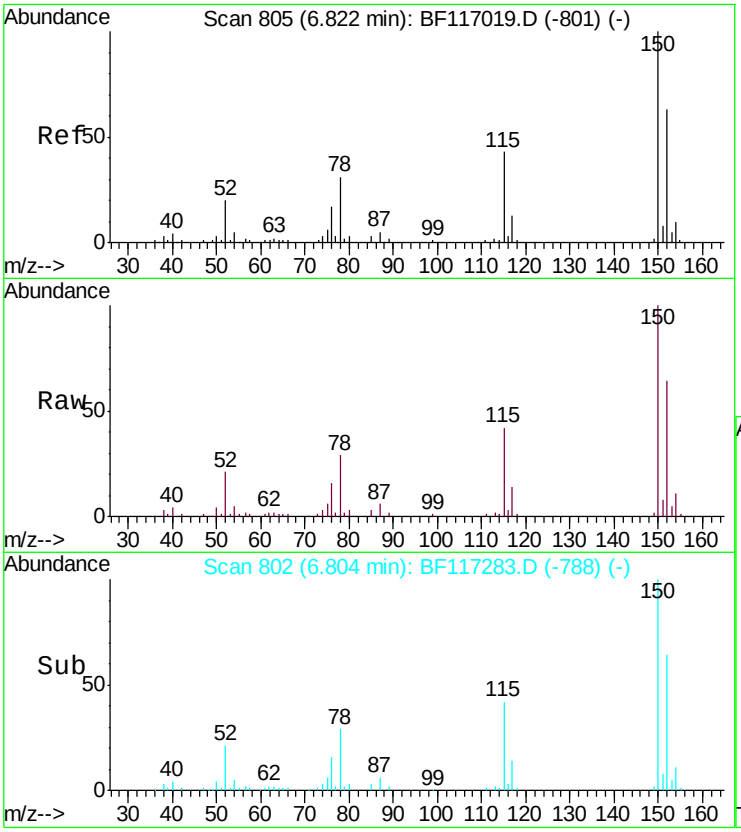


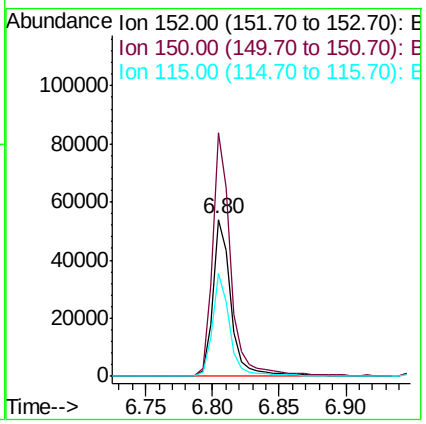


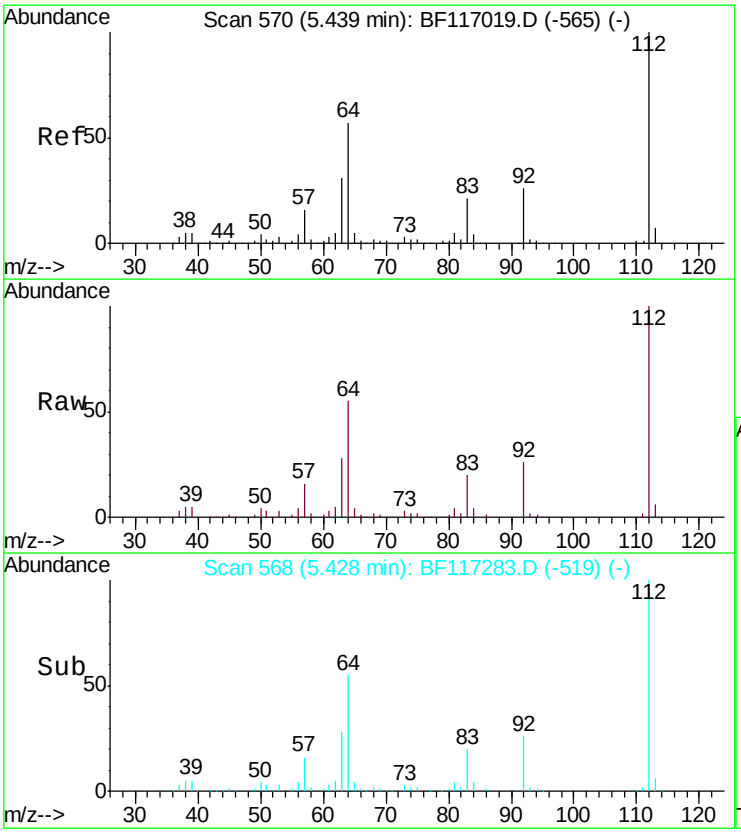
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:152 Resp: 51951

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.5	191.3
115	65.8	55.0	82.4

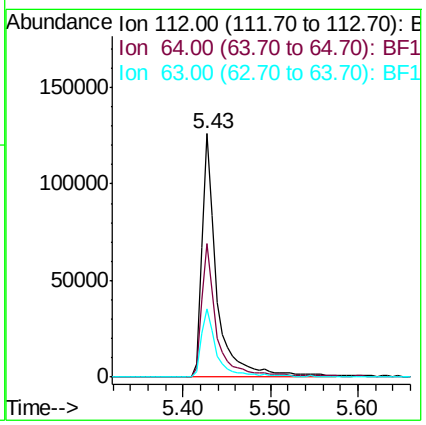


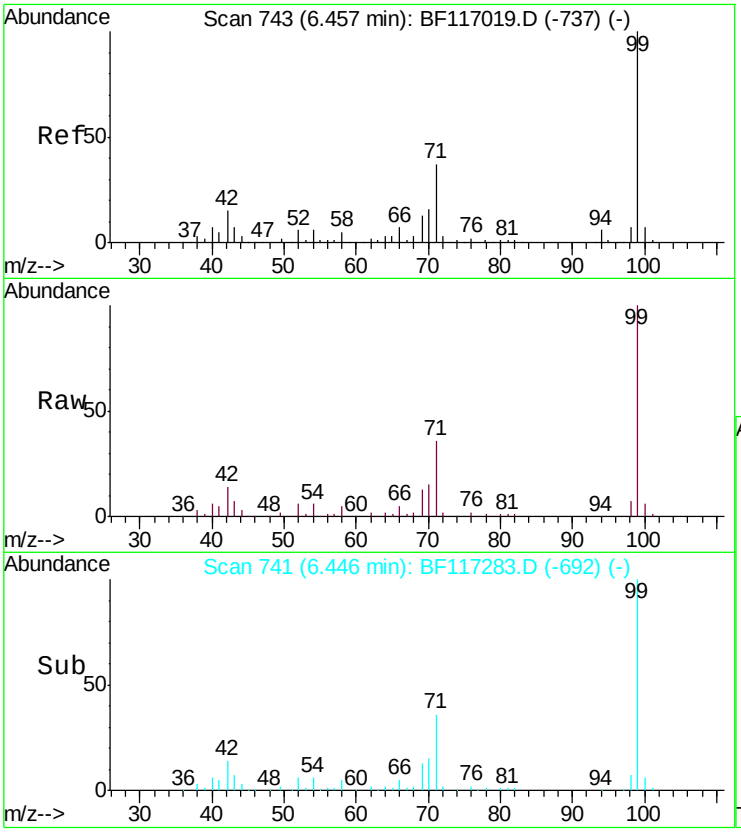


#5
2-Fluorophenol
Concen: 45.221 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:112 Resp: 150475

Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	27.9	24.9	37.3



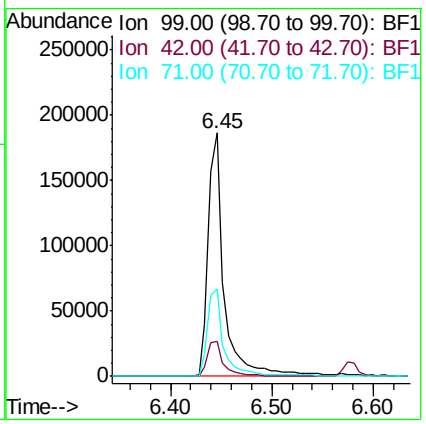


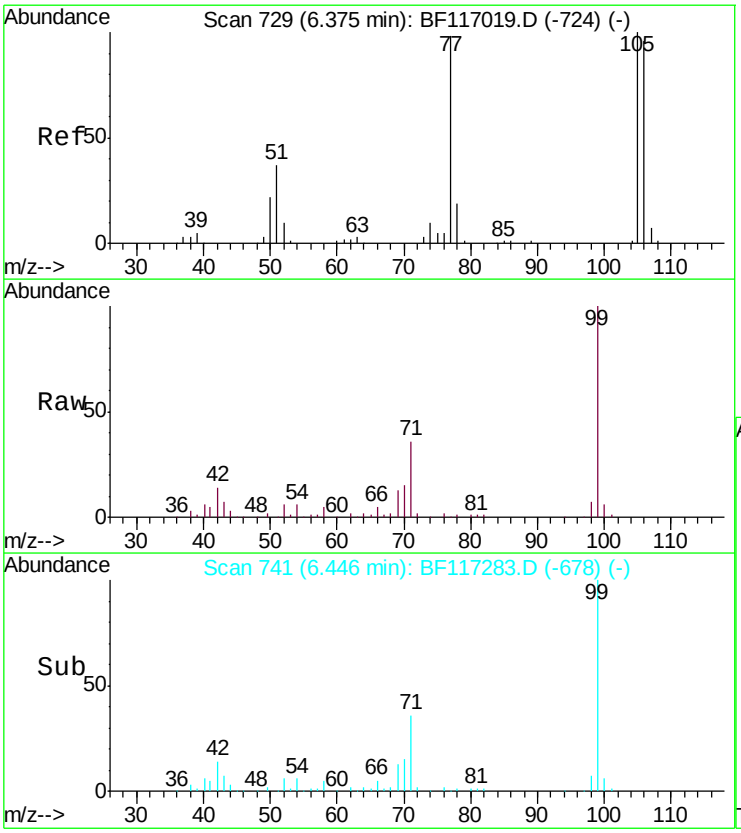
#7
Phenol-d6
Concen: 47.751 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion: 99 Resp: 205346

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.2	18.2
71	36.0	29.8	44.8

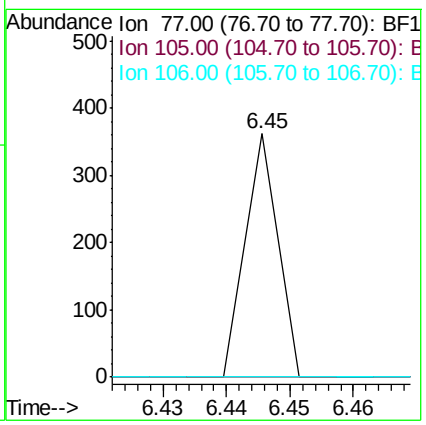


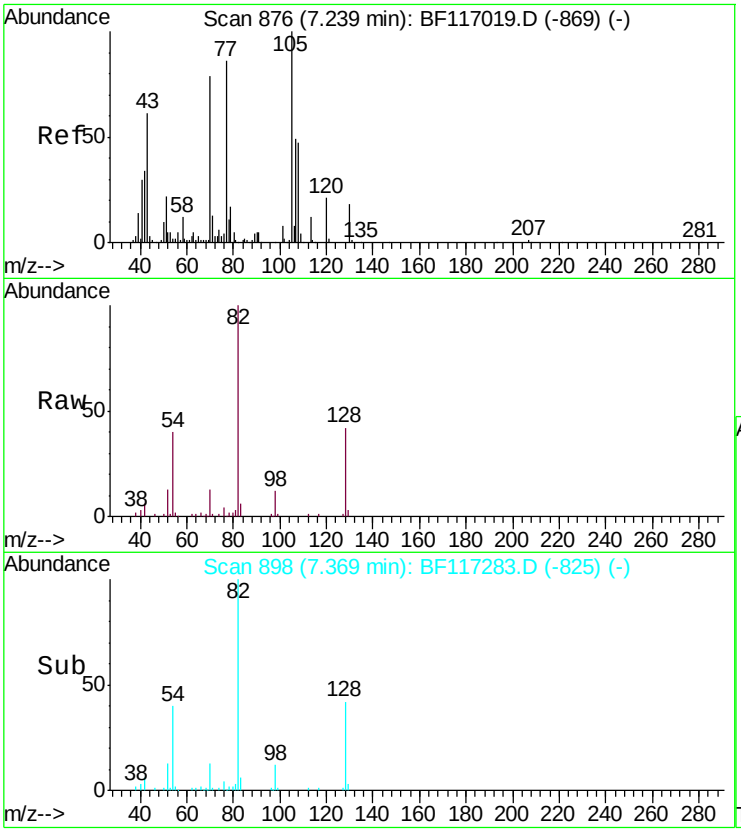


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.07 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion: 77 Resp: 128

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



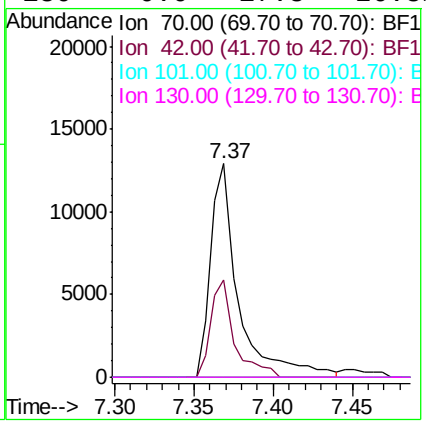


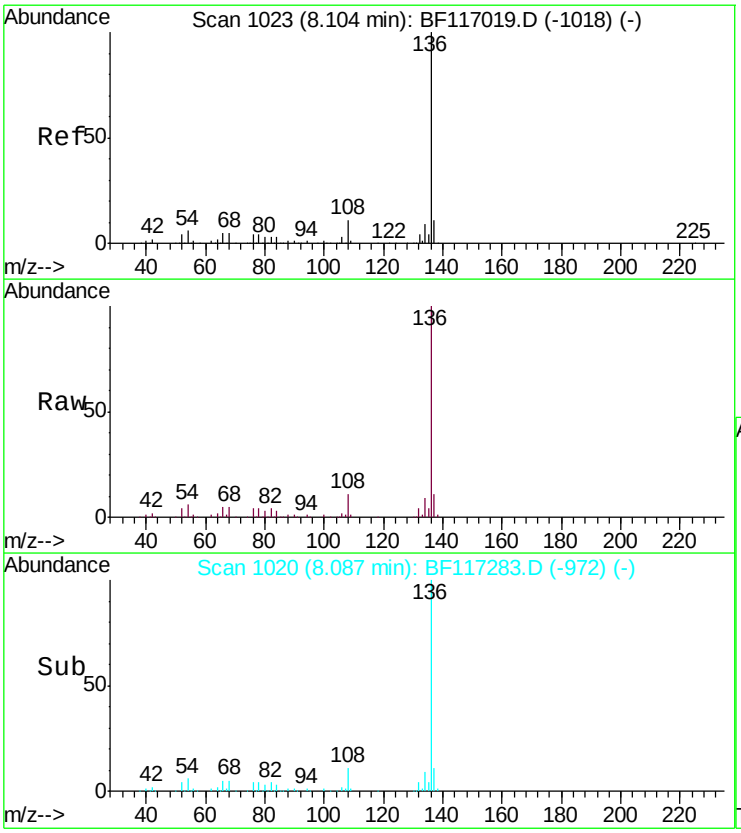
#19
n-Nitroso-di-n-propylamine
Concen: 6.025 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion: 70 Resp: 15776

Ion	Ratio	Lower	Upper
70	100		
42	45.5	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

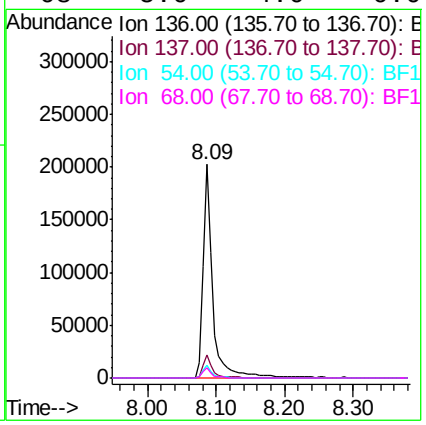


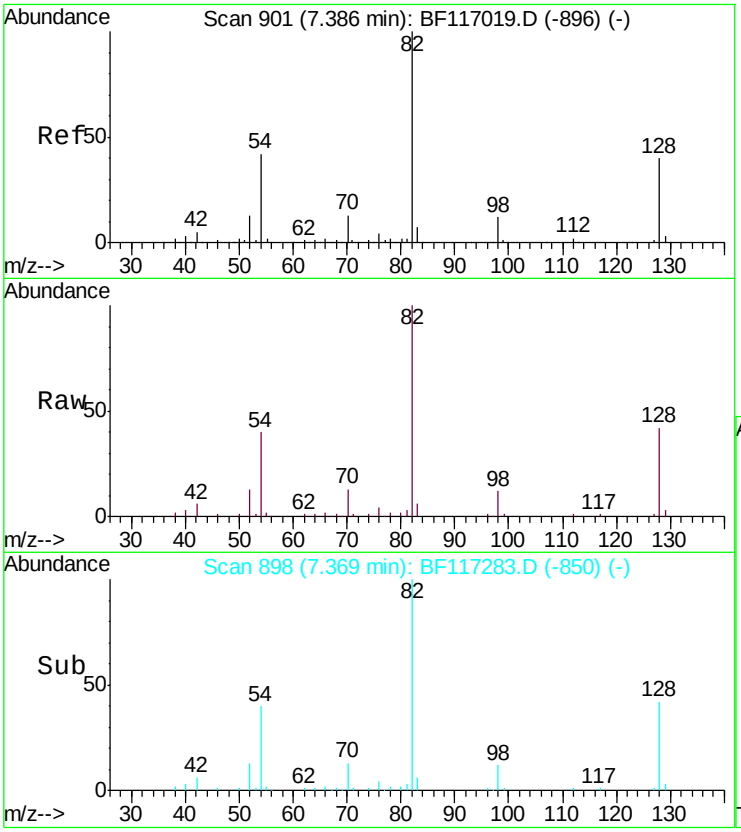


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:136 Resp: 207236

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.8	4.5	6.7
68	5.0	4.0	6.0



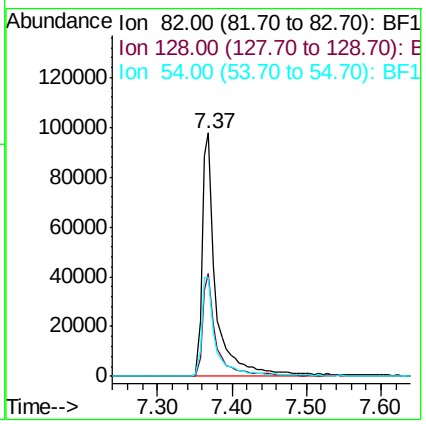


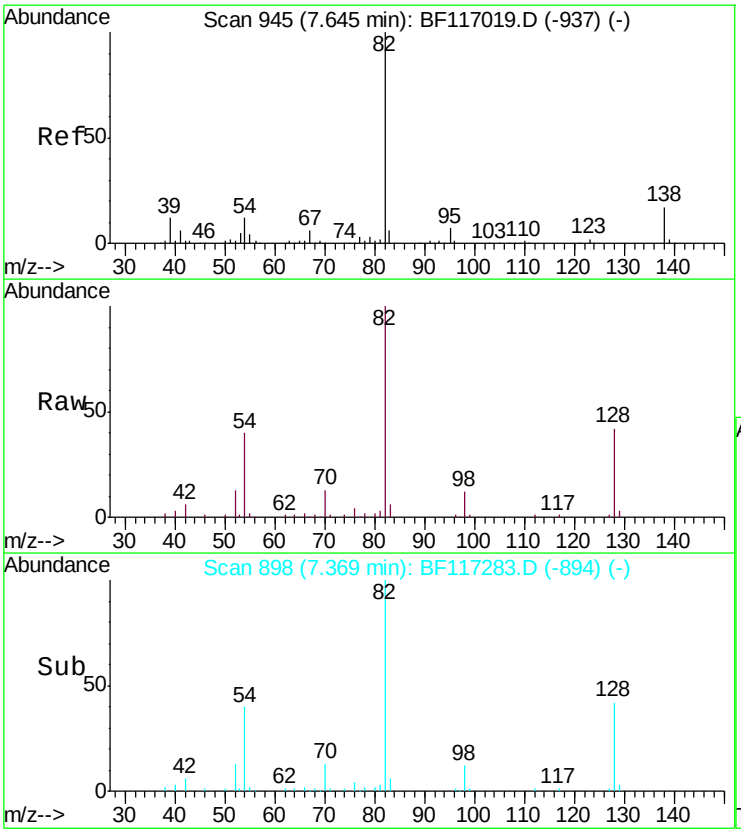
#23
Nitrobenzene-d5
Concen: 32.590 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion: 82 Resp: 128542

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.3	48.5
54	40.4	33.3	49.9

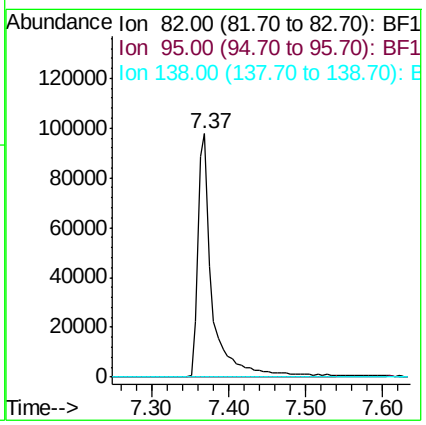


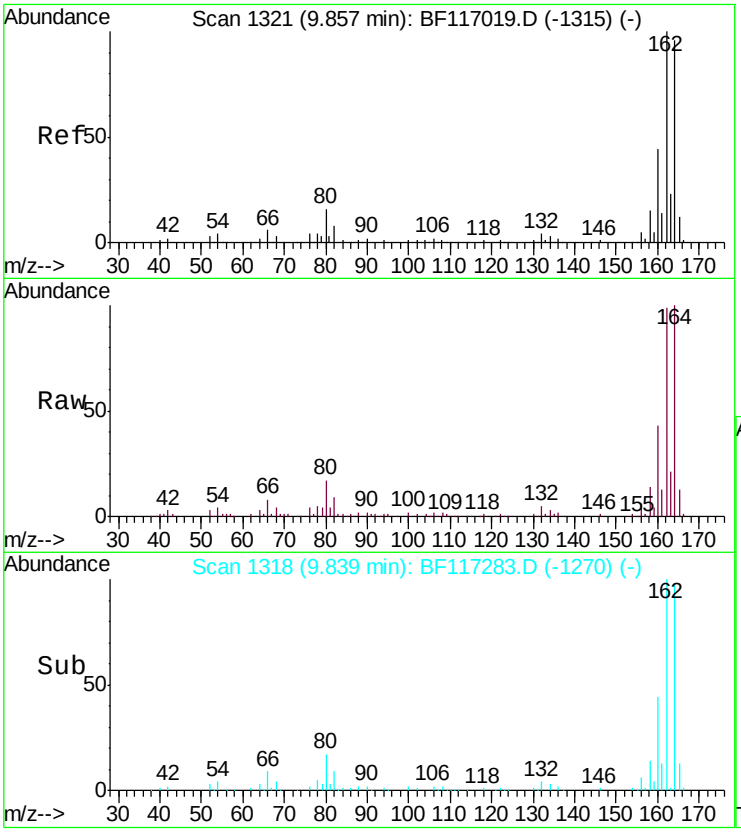


#25
Isophorone
Concen: 18.406 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion: 82 Resp: 128541

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



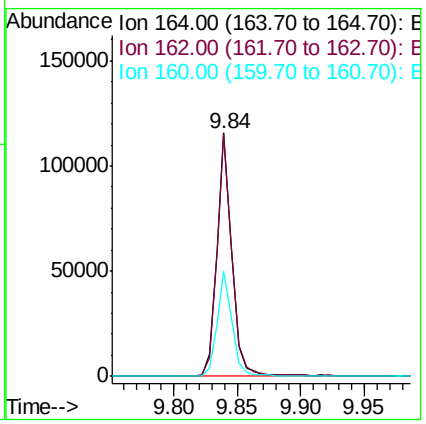


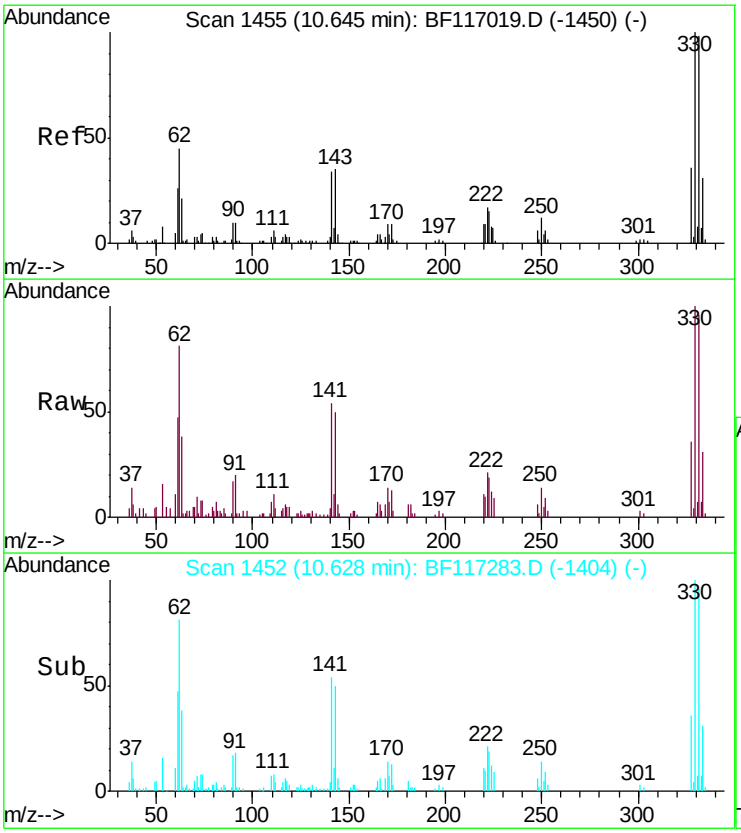
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:164 Resp: 97108

Ion	Ratio	Lower	Upper
164	100		
162	99.5	83.4	125.2
160	43.3	36.4	54.6

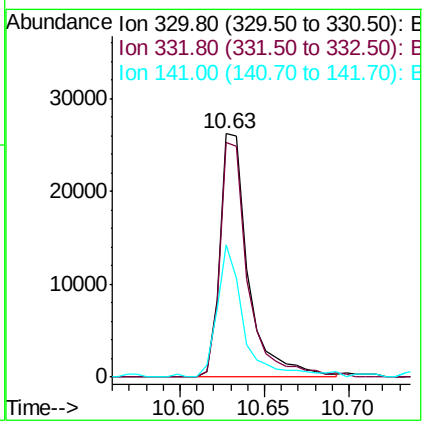


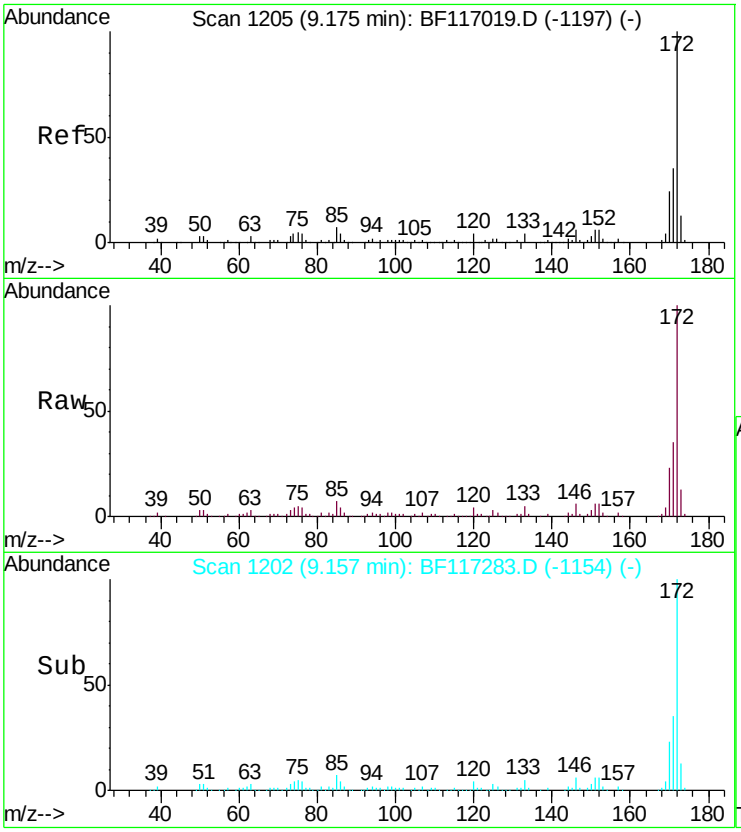


#42
2,4,6-Tribromophenol
Concen: 38.041 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:330 Resp: 30874

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	51.0	35.8	53.6



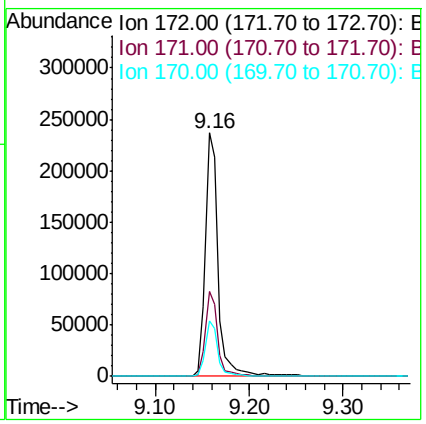


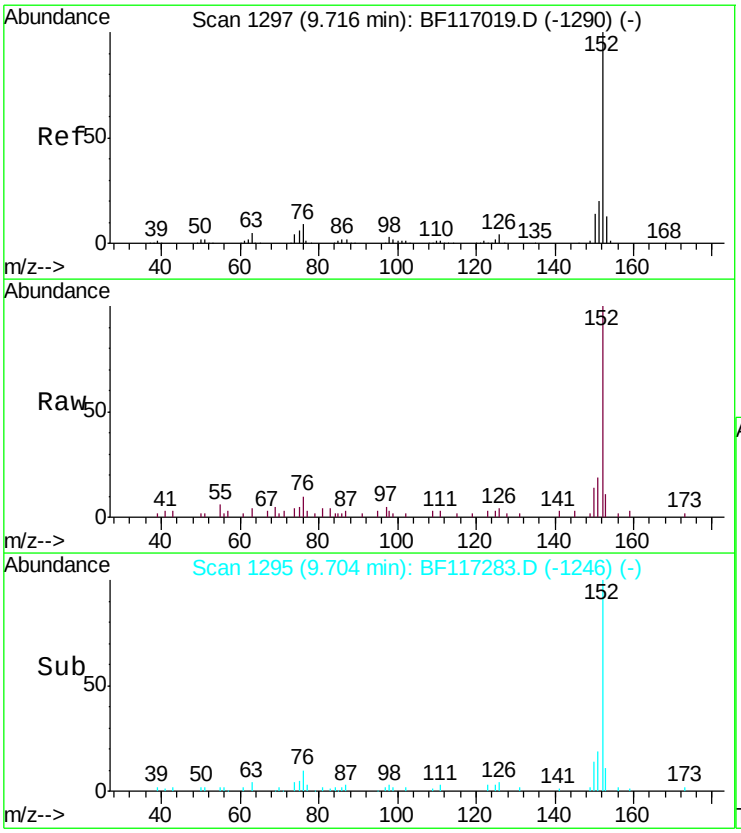
#45
2-Fluorobiphenyl
Concen: 36.812 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:172 Resp: 228623

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.7	18.9	28.3

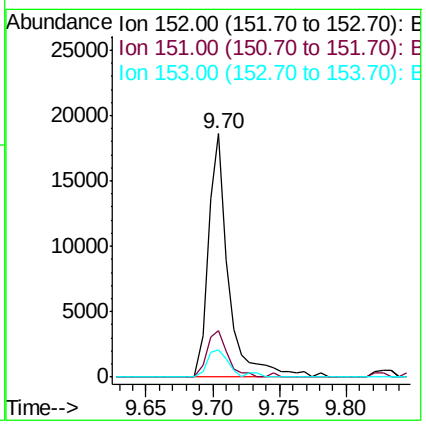


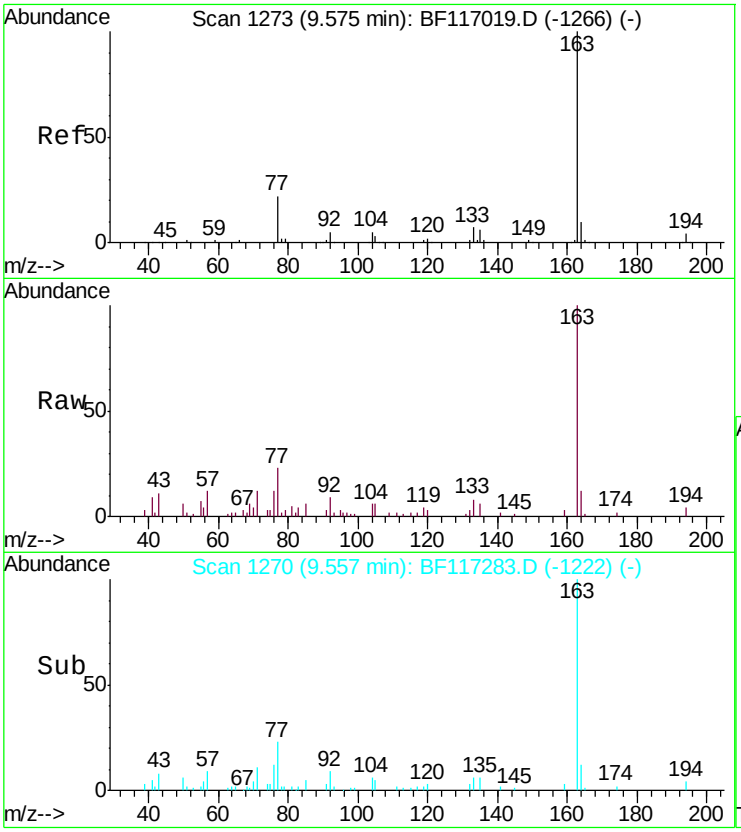


#49
Acenaphthylene
Concen: 2.172 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:152 Resp: 19564

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2
153	11.3	10.2	15.4



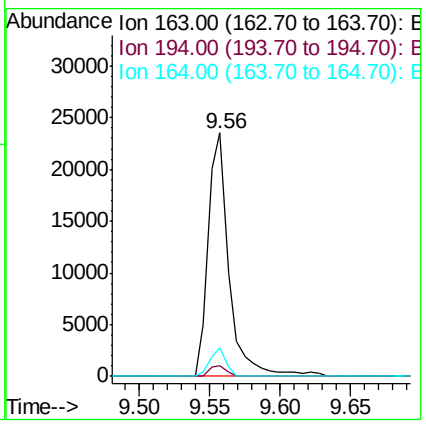


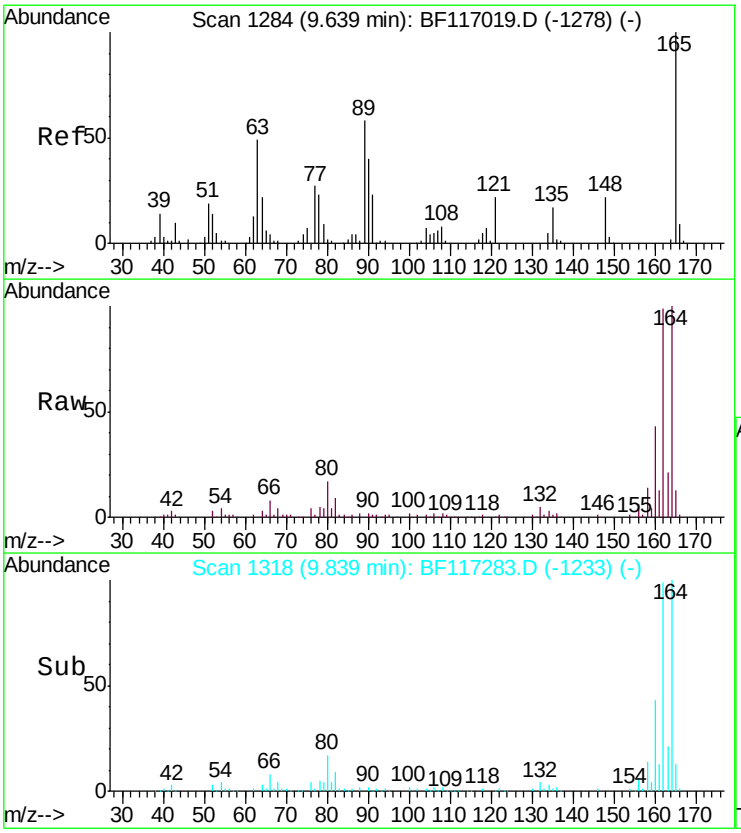
#50
Dimethylphthalate
Concen: 3.520 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:163 Resp: 24203

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	11.8	8.2	12.4

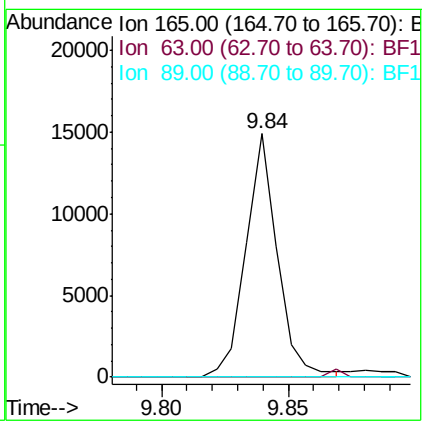


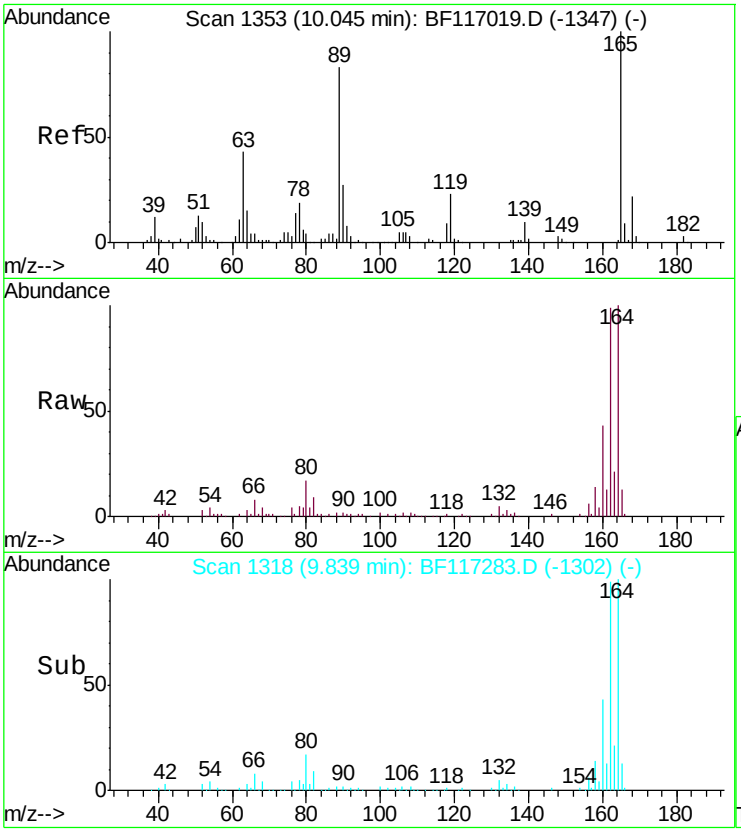


#51
2,6-Dinitrotoluene
Concen: 9.262 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:165 Resp: 12970

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



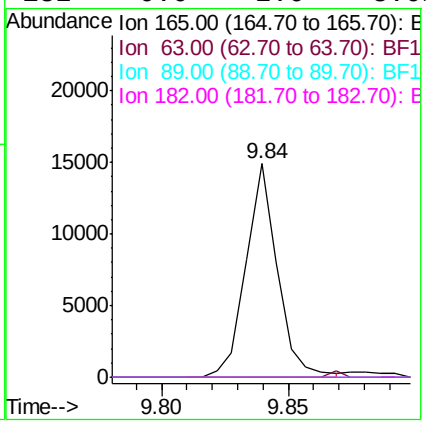


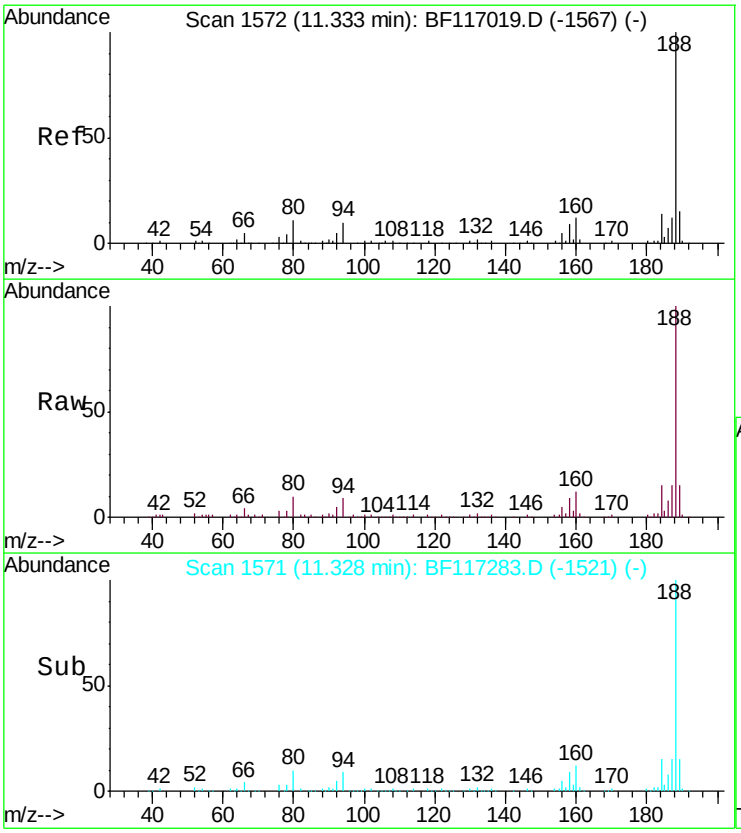
#57
2,4-Dinitrotoluene
Concen: 7.135 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:165 Resp: 12970

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#

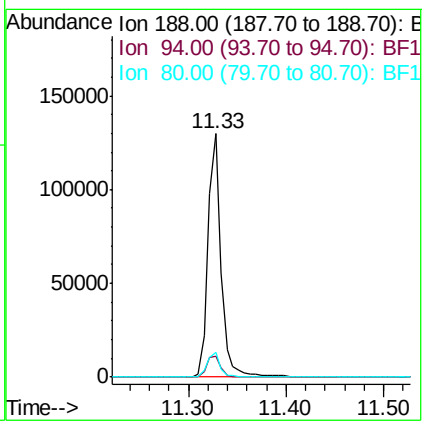


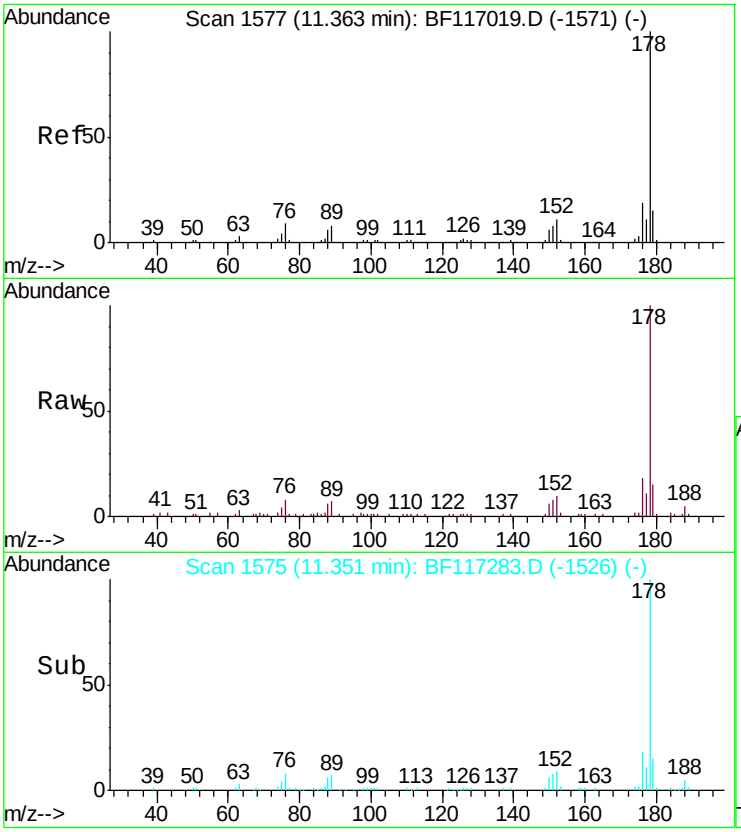


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:188 Resp: 121163

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	10.4	9.0	13.6



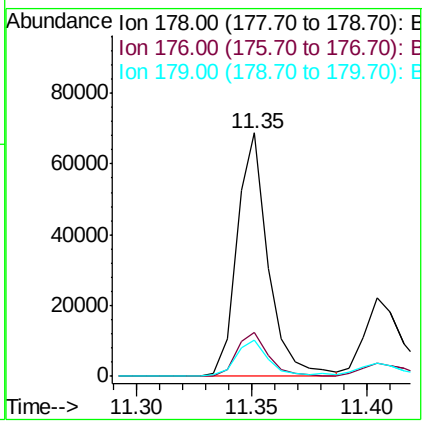


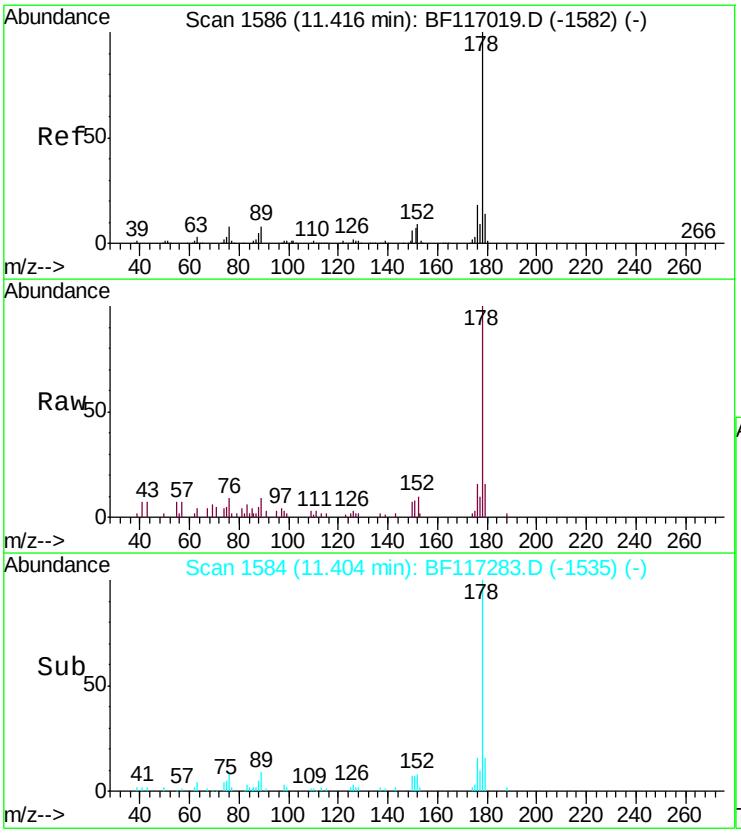
#71
Phenanthrene
Concen: 9.412 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:178 Resp: 64775

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.4	18.6

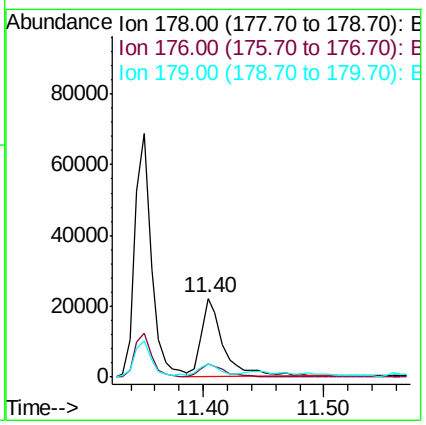


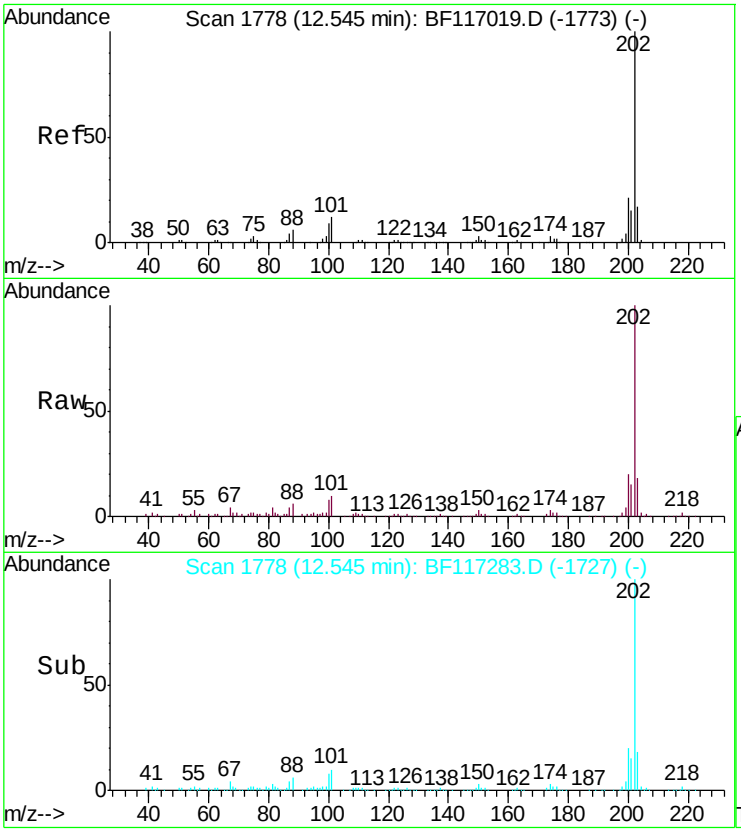


#72
Anthracene
Concen: 3.926 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:178 Resp: 27581

Ion	Ratio	Lower	Upper
178	100		
176	16.2	14.6	21.8
179	16.0	11.6	17.4



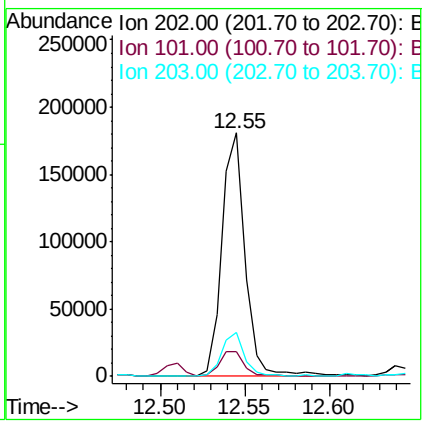


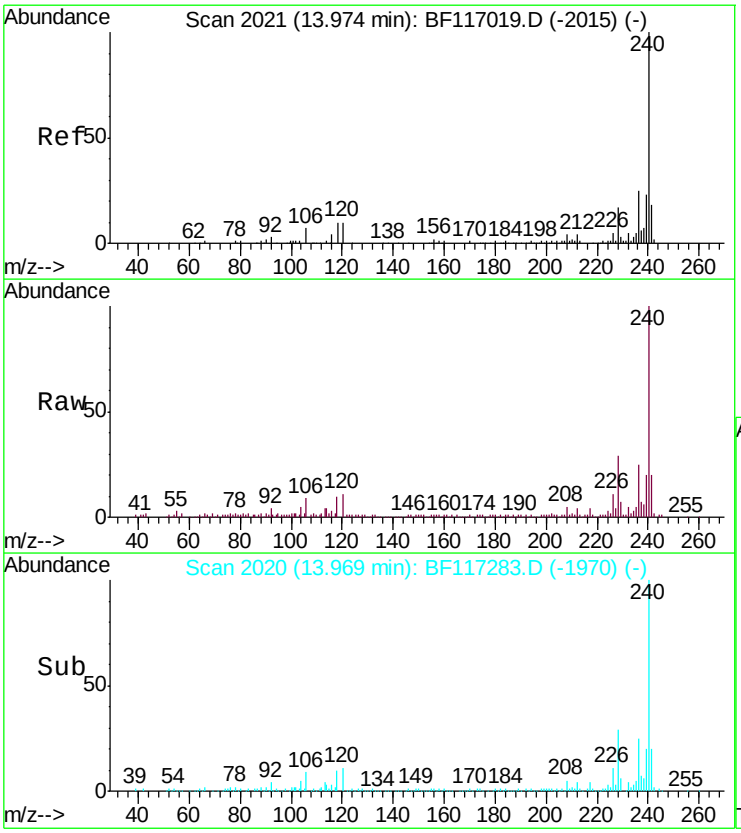
#75
Fluoranthene
Concen: 24.497 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:202 Resp: 173222

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.9	0.0	37.1

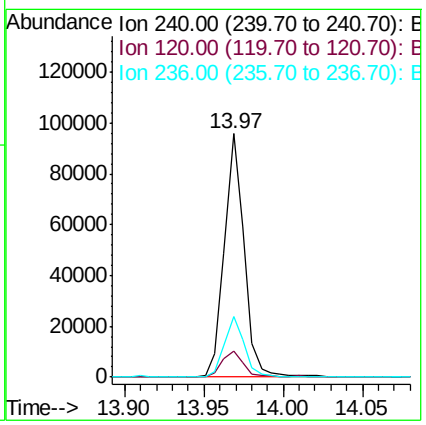


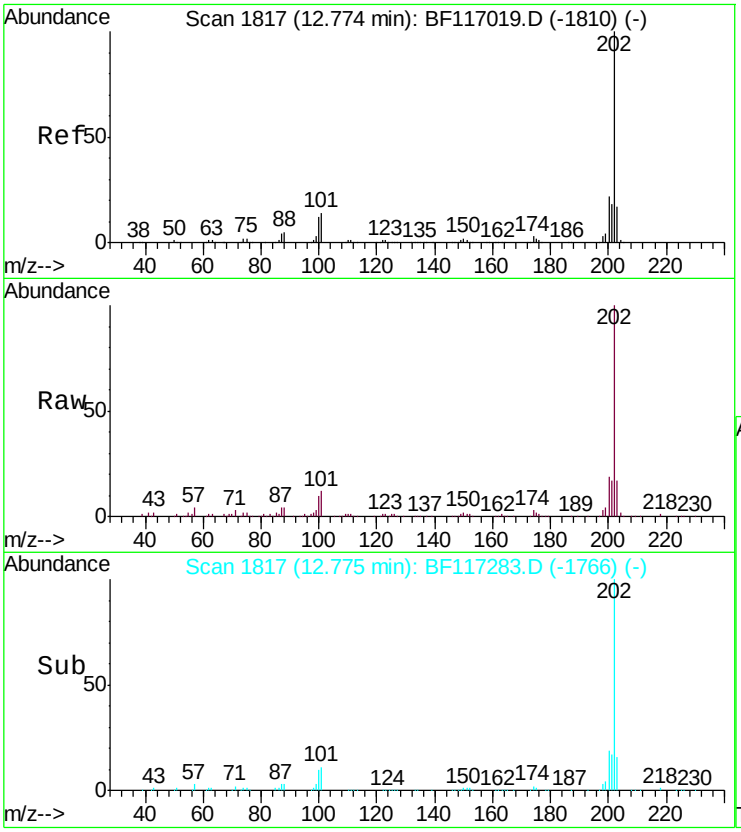


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:240 Resp: 83109

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	24.9	20.3	30.5



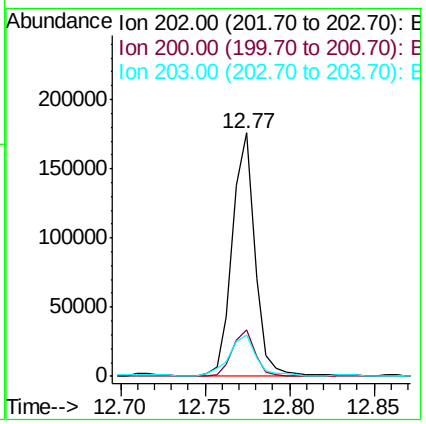


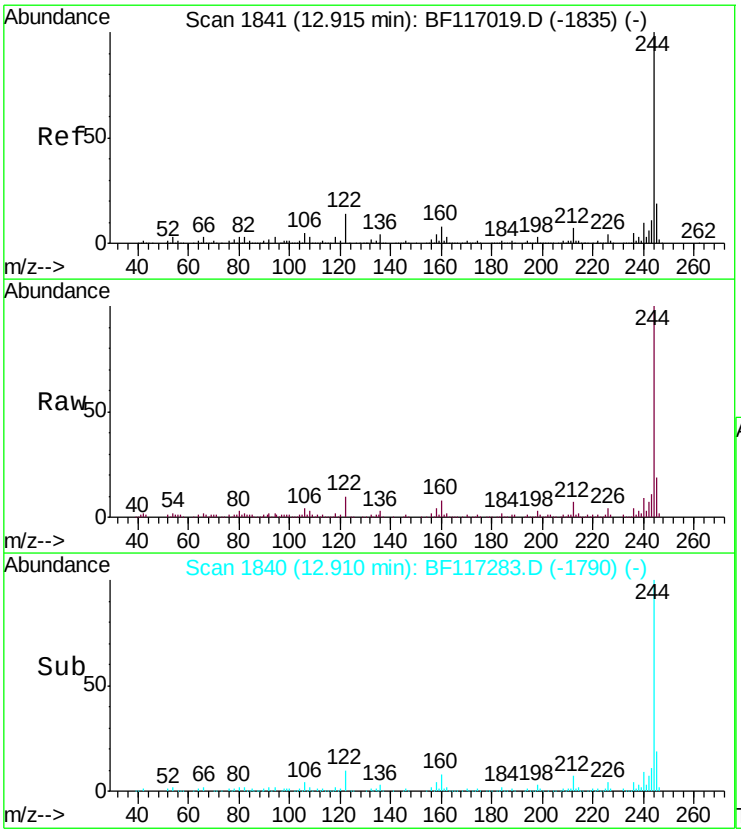
#78
Pyrene
Concen: 23.224 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:202 Resp: 161952

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.2	25.8
203	16.8	14.0	21.0

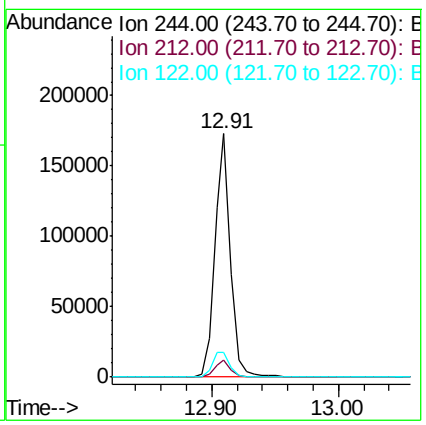


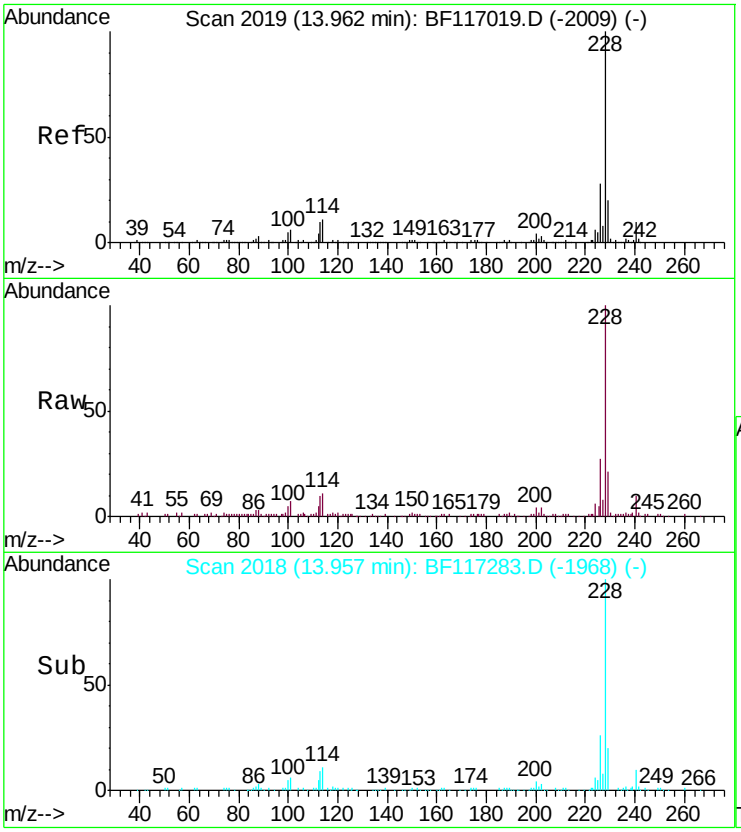


#79
Terphenyl-d14
Concen: 33.256 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:244 Resp: 147862

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	11.3	16.9#



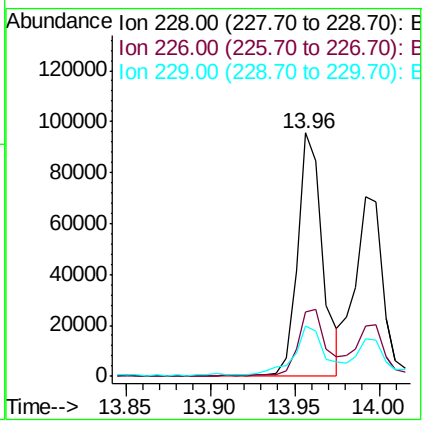


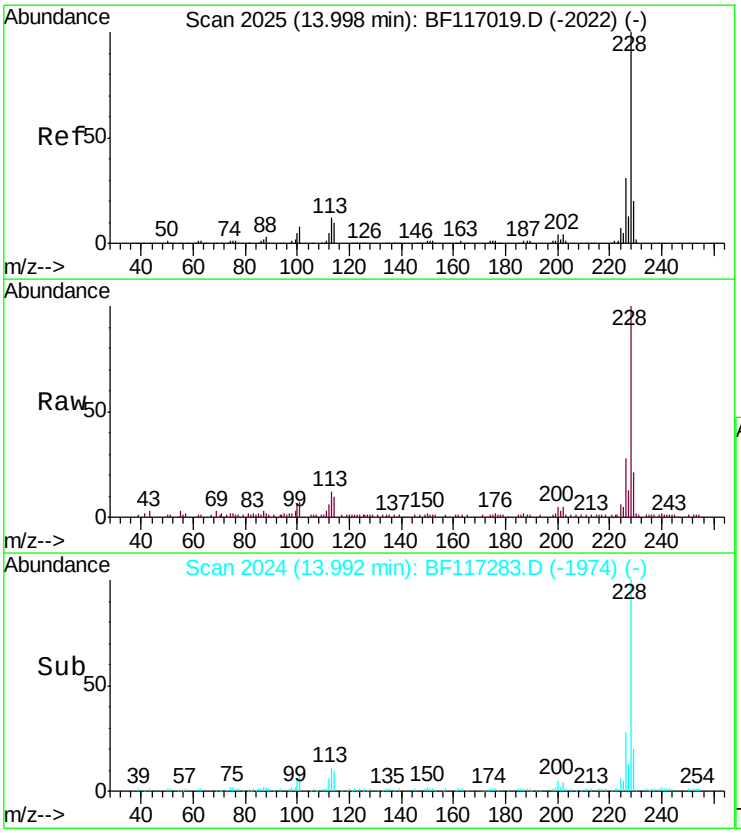
#81
Benzo(a)anthracene
Concen: 17.782 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:228 Resp: 98739

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

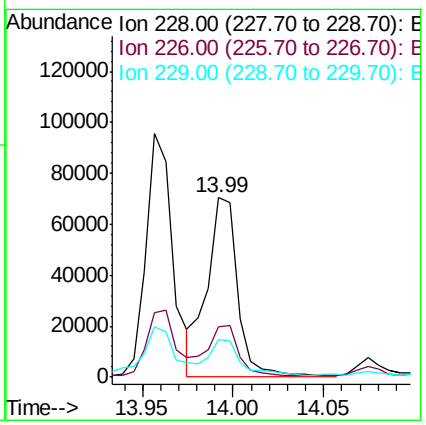


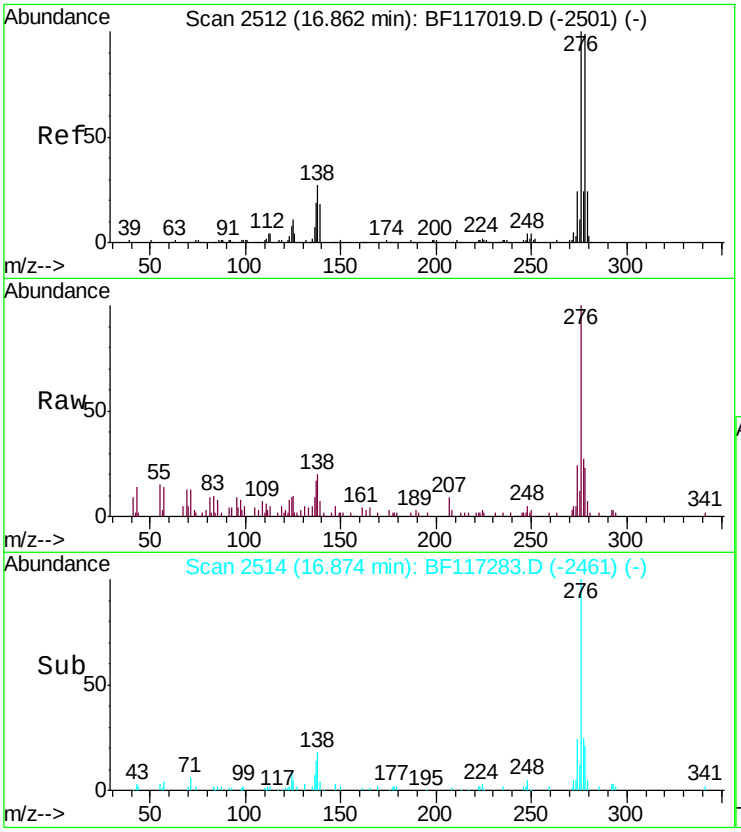


#83
Chrysene
Concen: 15.267 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:228 Resp: 82681

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.8	37.2
229	21.0	15.8	23.8



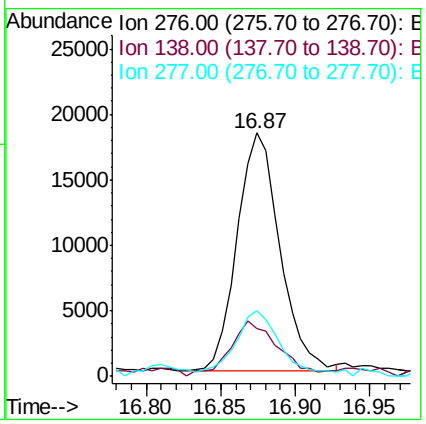


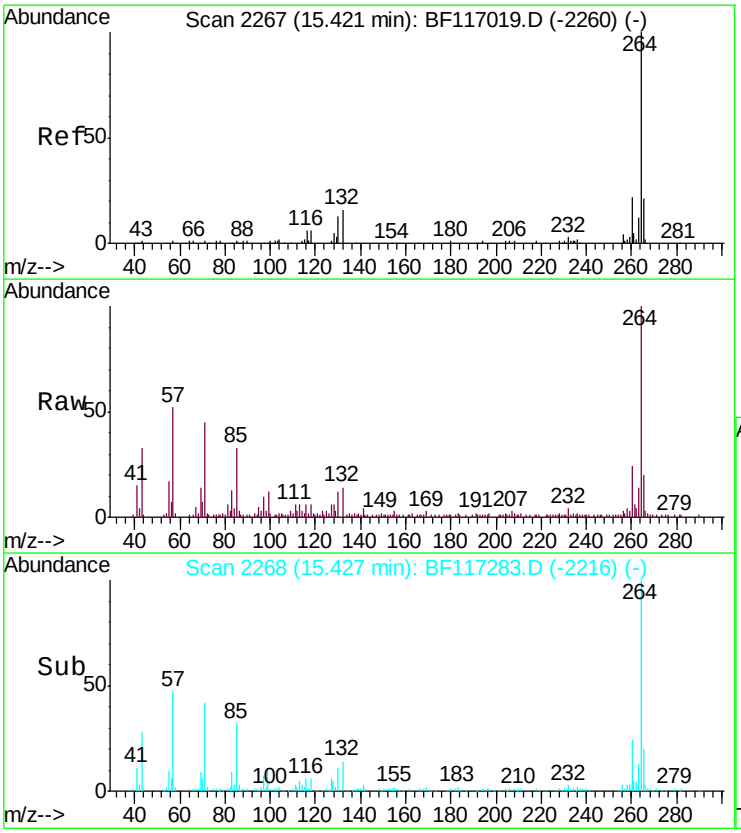
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.213 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:276 Resp: 36402

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.7	31.1
277	29.7	19.8	29.8

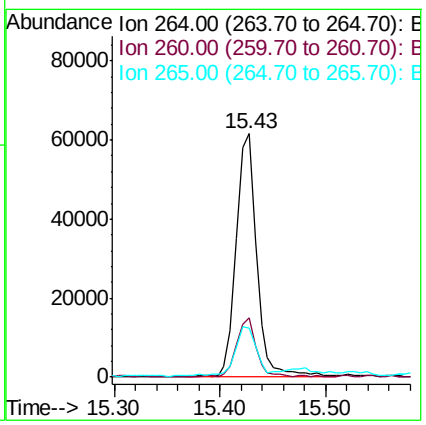


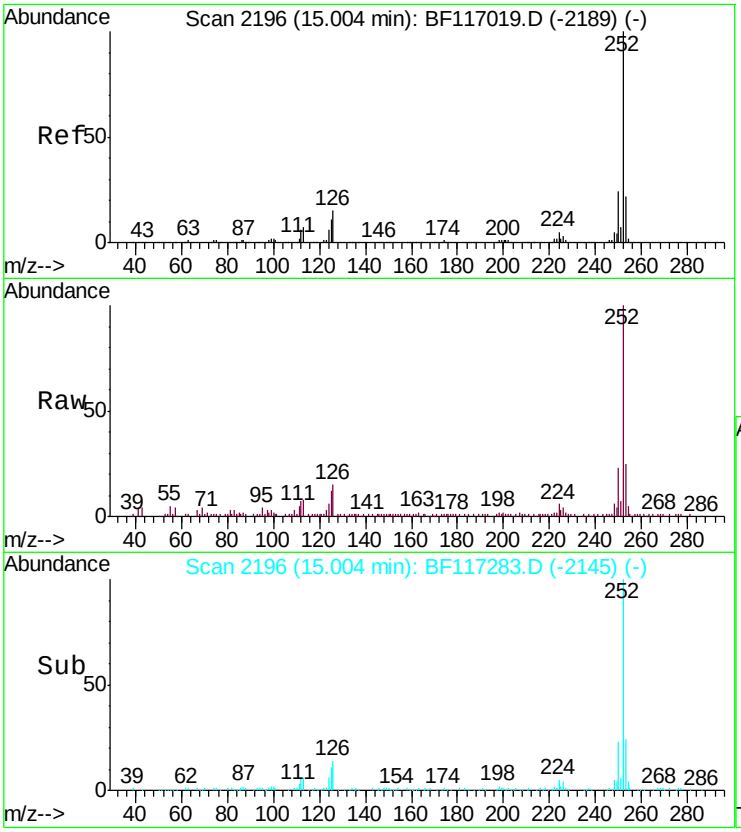


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:264 Resp: 83369

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.6	26.4
265	20.4	16.6	24.8



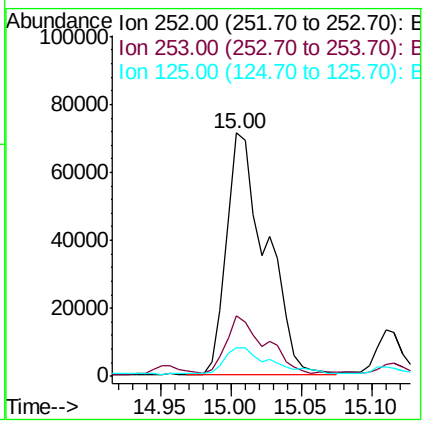


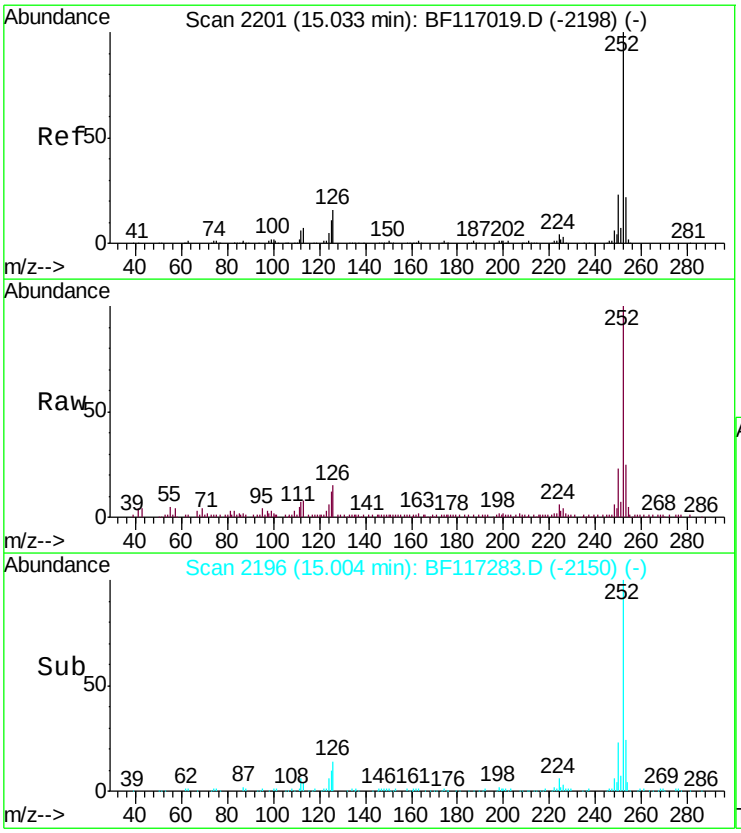
#88
Benzo(b)fluoranthene
Concen: 27.701 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:252 Resp: 139887

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	11.8	8.6	12.8

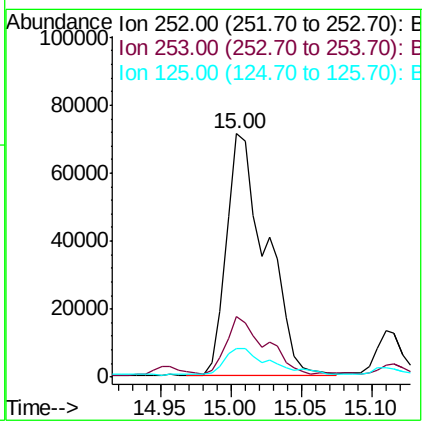


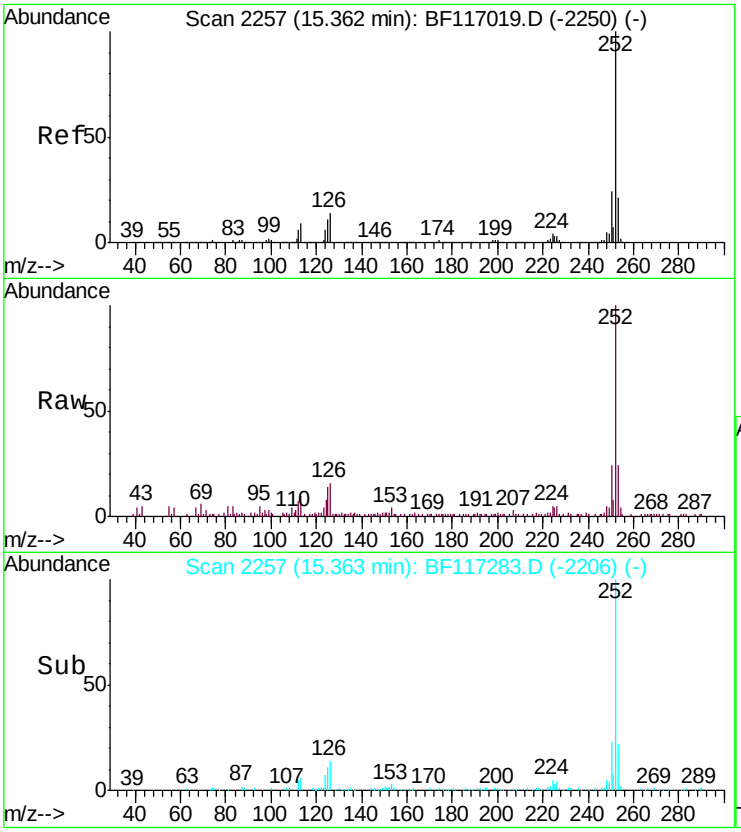


#89
Benzo(k)fluoranthene
Concen: 29.242 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:252 Resp: 139887

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	11.8	8.8	13.2



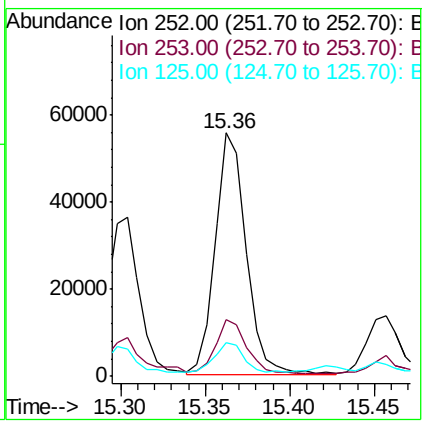


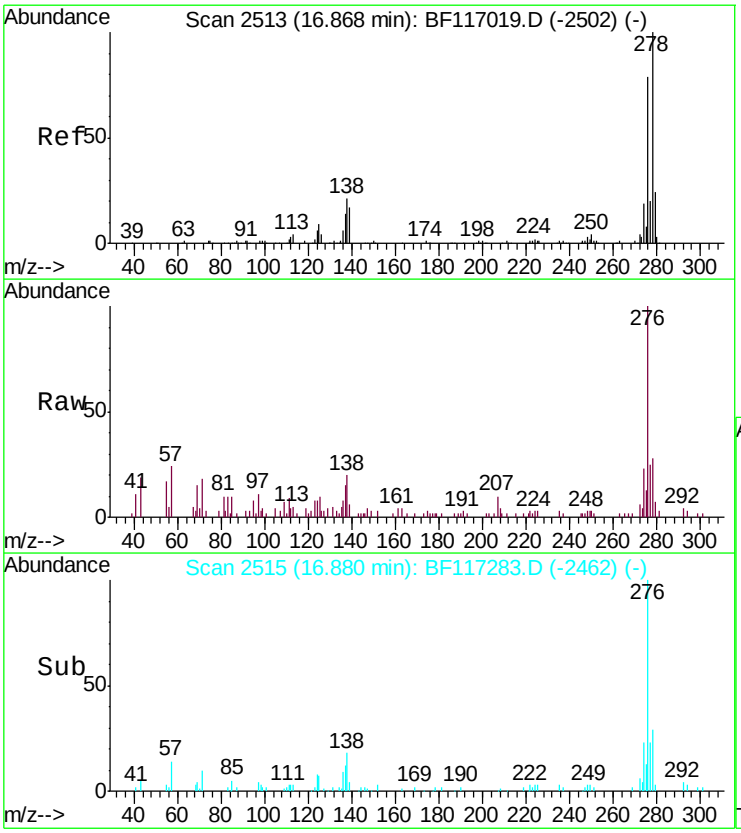
#90
Benzo(a)pyrene
Concen: 16.101 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:252 Resp: 71350

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.6	25.0
125	13.9	8.9	13.3#

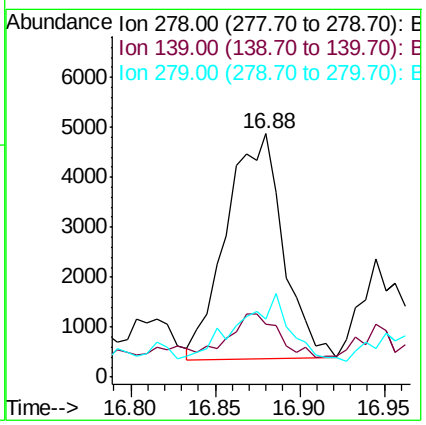


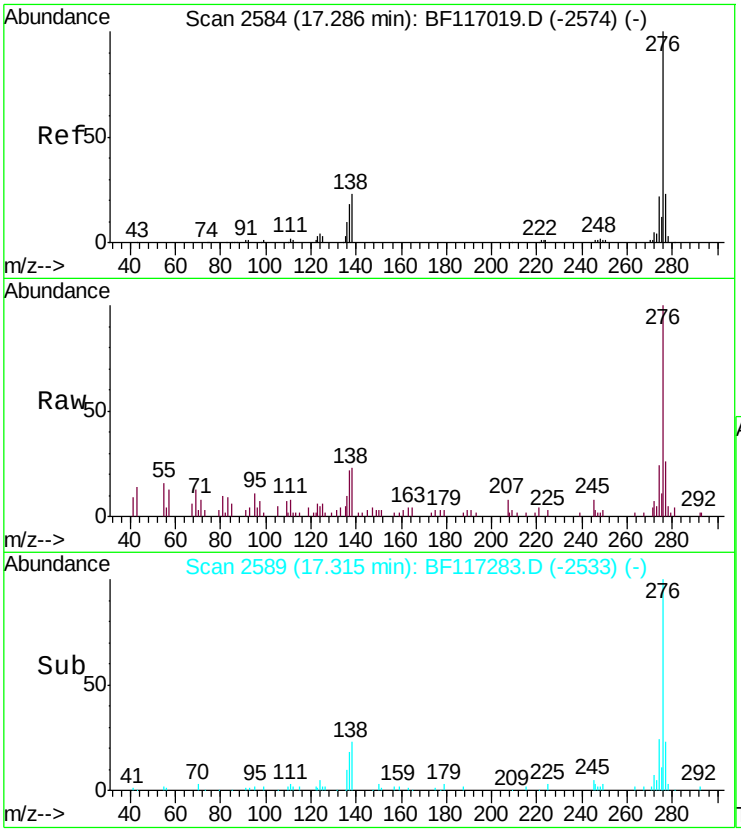


#91
Dibenzo(a,h)anthracene
Concen: 2.987 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Tgt Ion:278 Resp: 10545

Ion	Ratio	Lower	Upper
278	100		
139	22.0	13.5	20.3#
279	23.6	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 9.845 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117283.D
Acq: 1 Oct 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SU-04-092619RE

Tgt Ion:276 Resp: 34633

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	23.3	18.0	27.0