Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117588.D
Acq On : 29 Oct 2019 14:04
Operator : JU
Sample : K5503-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 01:19:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38757	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	148939	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	62335	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	82788	20.00	ng		0.00
76) Chrysene-d12	13.89	240	70413	20.00	ng		0.00
87) Perylene-d12	15.33	264	63492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	240838	92.45	ng		0.00
7) Phenol-d6	6.39	99	340784	97.39	ng		0.00
23) Nitrobenzene-d5	7.29	82	201524	66.80	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	40979	75.98	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	258315	58.39	ng		-0.01
79) Terphenyl-d14	12.83	244	165942	38.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.40	94	10056	2.816	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	26009	12.171	ng	#	77
25) Isophorone	7.29	82	201522	38.613	ng	#	65
50) Dimethylphthalate	9.48	163	33704	7.584	ng		99
57) 2,4-Dinitrotoluene	9.76	165	7466	6.056	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	2616	2.934	ng	#	1
71) Phenanthrene	11.27	178	18046	3.754	ng		97
72) Anthracene	11.27	178	18046	3.659	ng		98
75) Fluoranthene	12.46	202	33211	6.901	ng		94
77) Benzidine	12.83	184	2264	Below Cal		#	78
78) Pyrene	12.69	202	32198	5.324	ng		99
81) Benzo(a)anthracene	13.89	228	17300	3.642	ng		95
83) Chrysene	13.92	228	15981	3.433	ng		97
88) Benzo(b)fluoranthene	14.92	252	23184	6.184	ng	#	93
89) Benzo(k)fluoranthene	14.92	252	23184	6.033	ng	#	92
90) Benzo(a)pyrene	15.27	252	12041	3.532	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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Acq On : 29 Oct 2019 14:04
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BNA_F
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Quant Time: Oct 30 01:19:34 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
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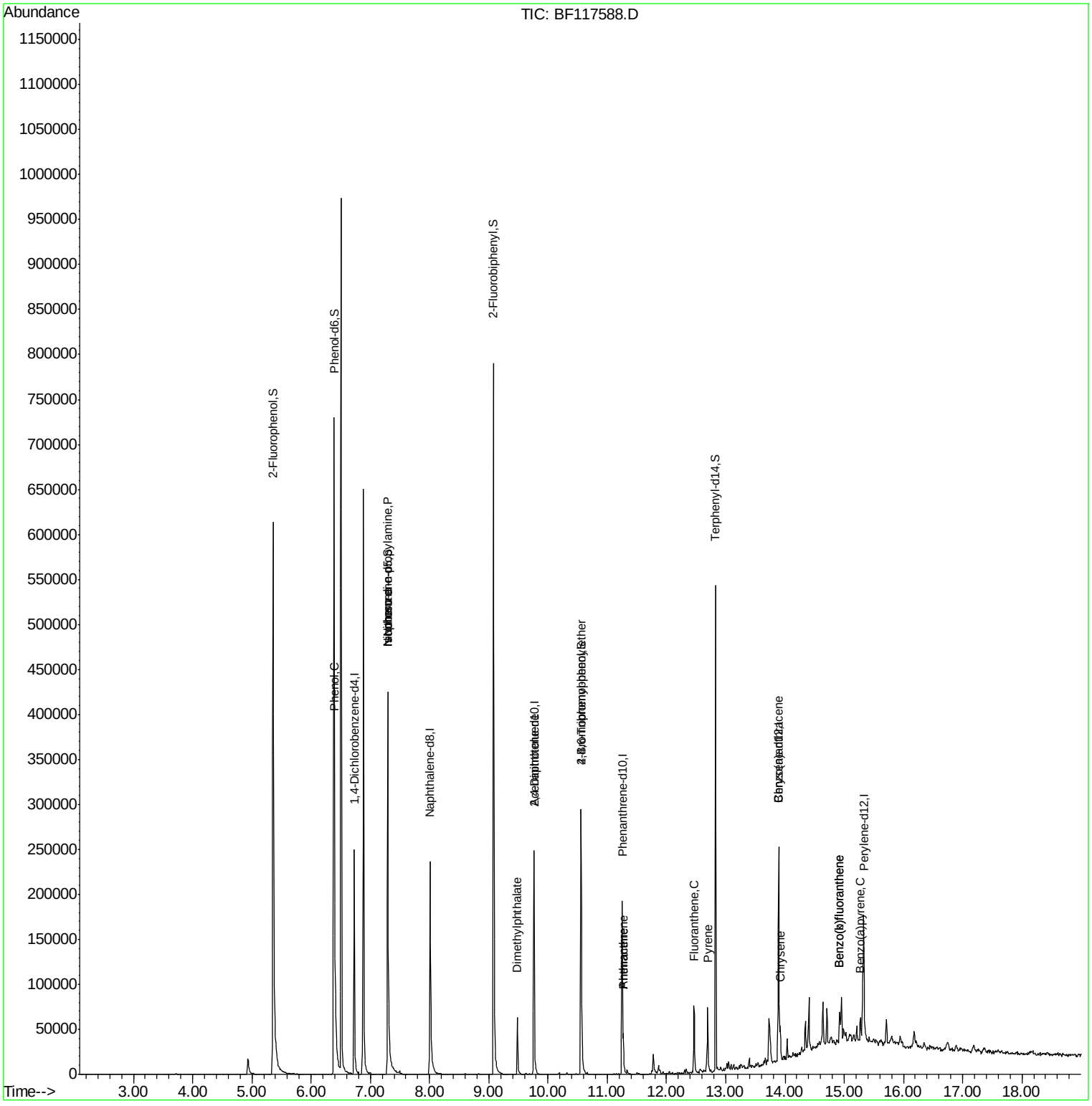
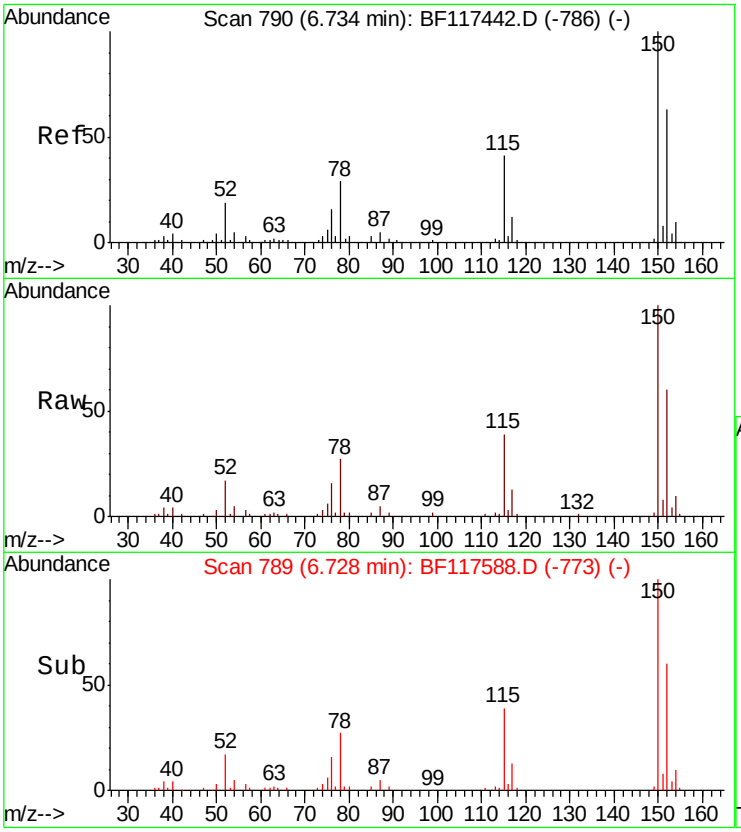


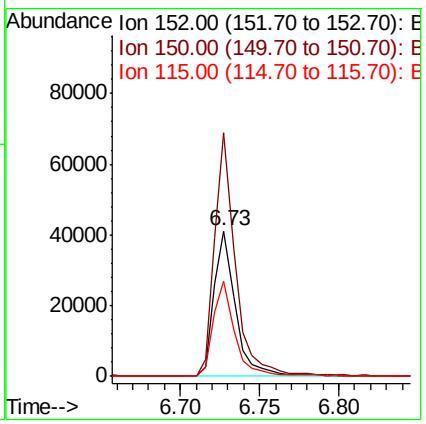


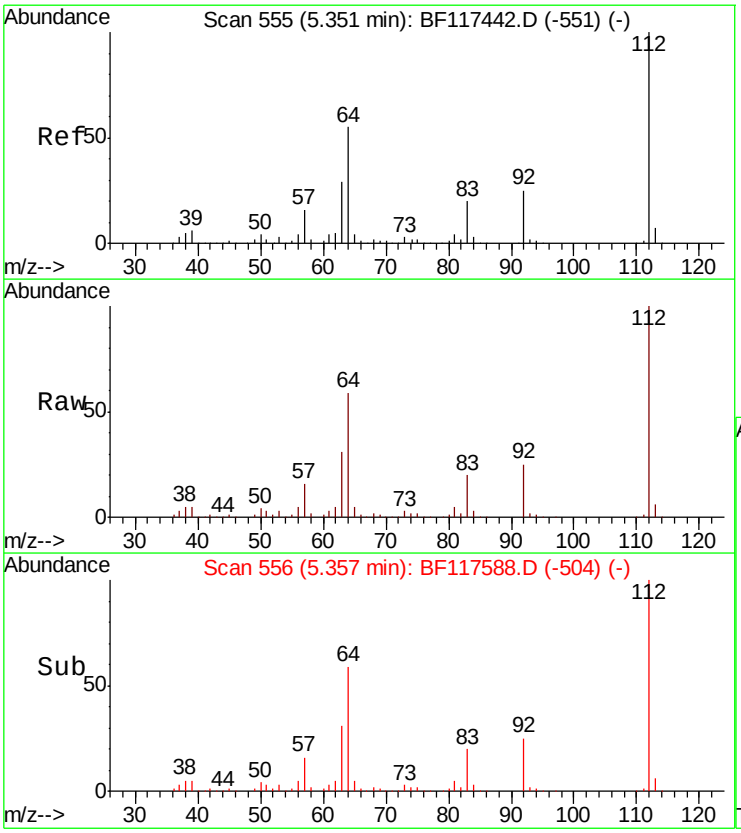
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 38757

Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.8	190.2
115	65.4	51.6	77.4

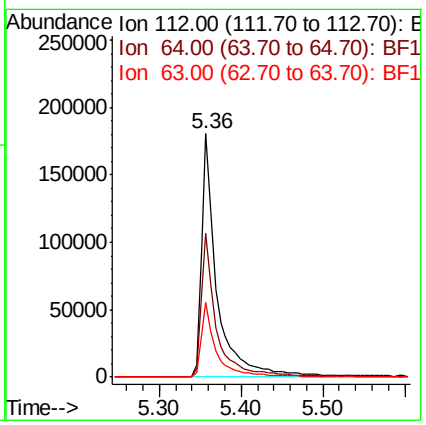


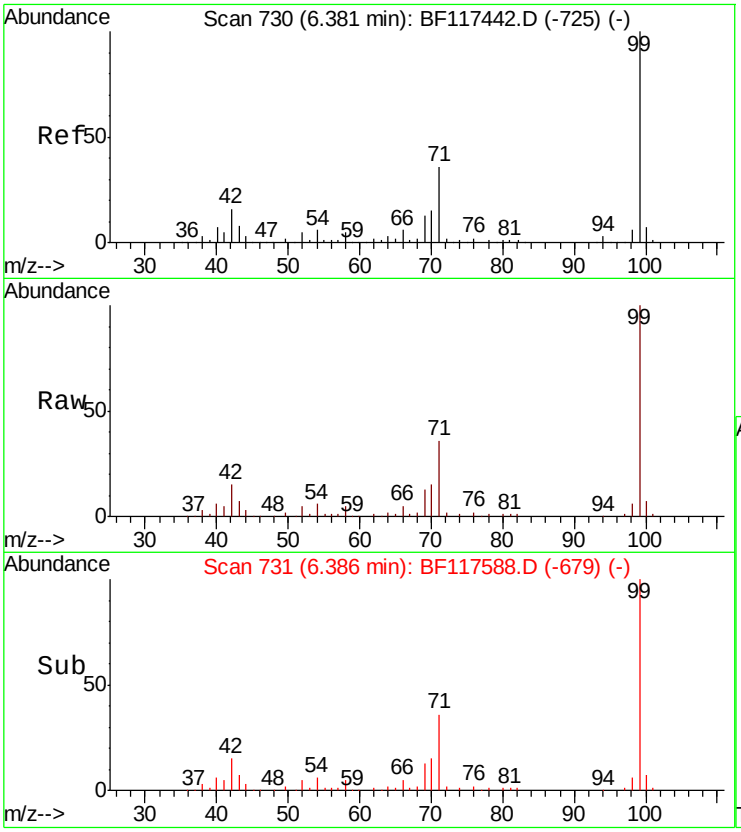


#5
2-Fluorophenol
Concen: 92.447 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:112 Resp: 240838

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	30.9	23.4	35.2



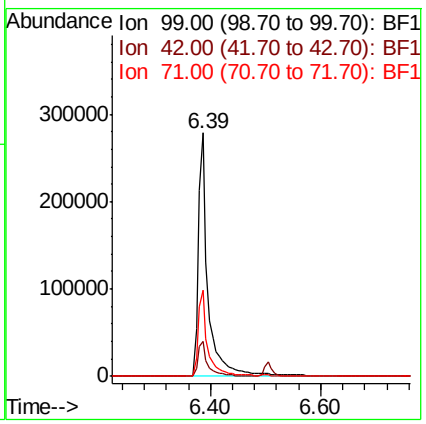


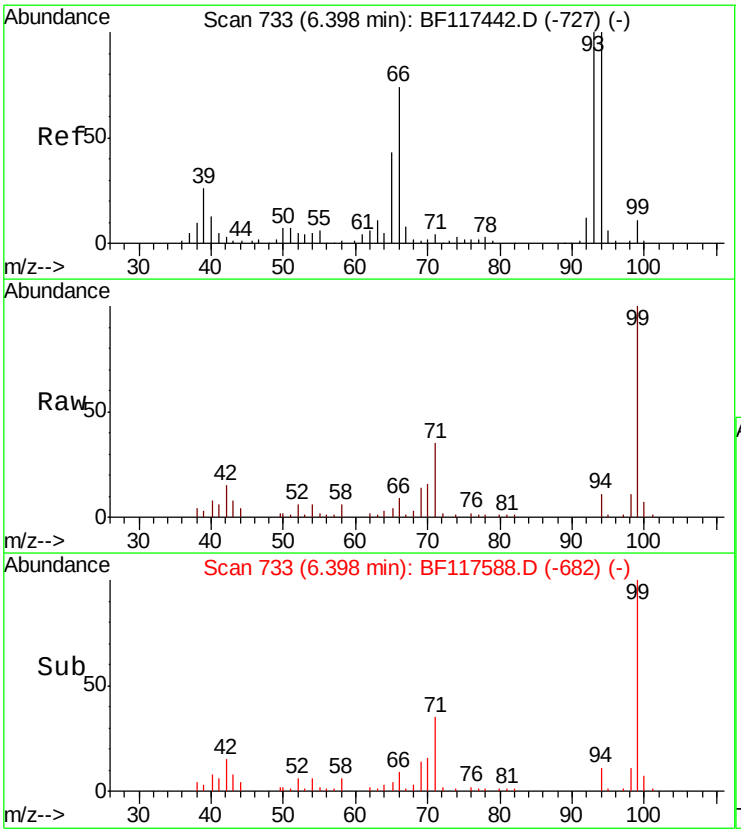
#7
Phenol-d6
Concen: 97.394 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 340784

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	35.5	28.6	43.0

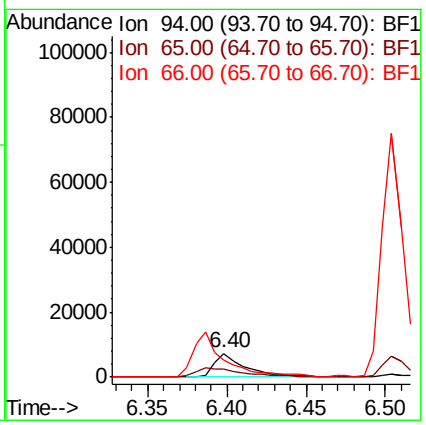


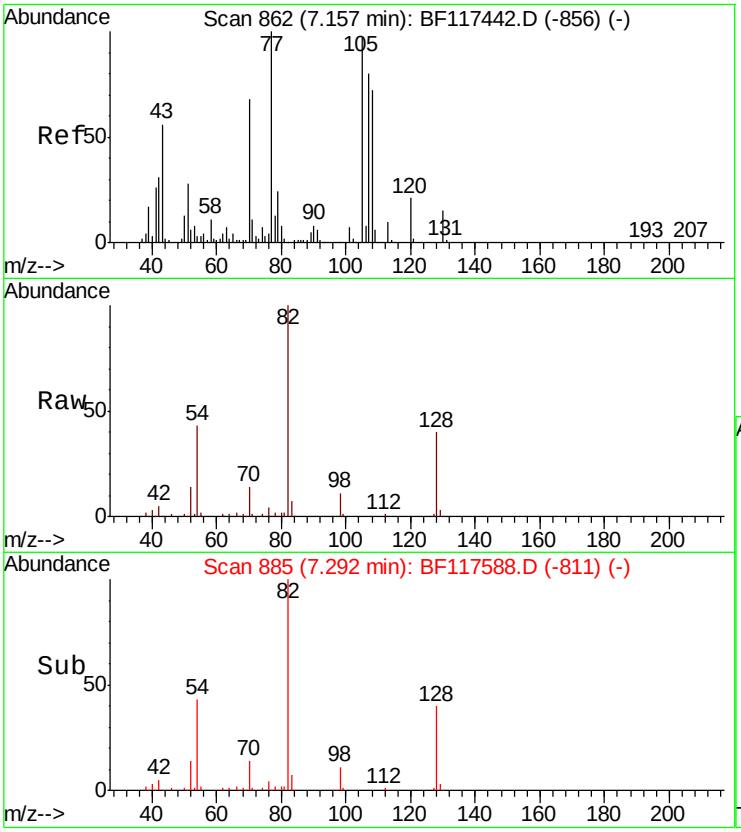


#10
Phenol
Concen: 2.816 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion: 94 Resp: 10056

Ion	Ratio	Lower	Upper
94	100		
65	37.0	23.4	63.4
66	74.9	54.7	94.7



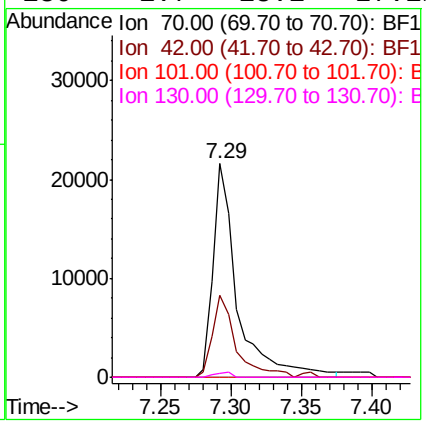


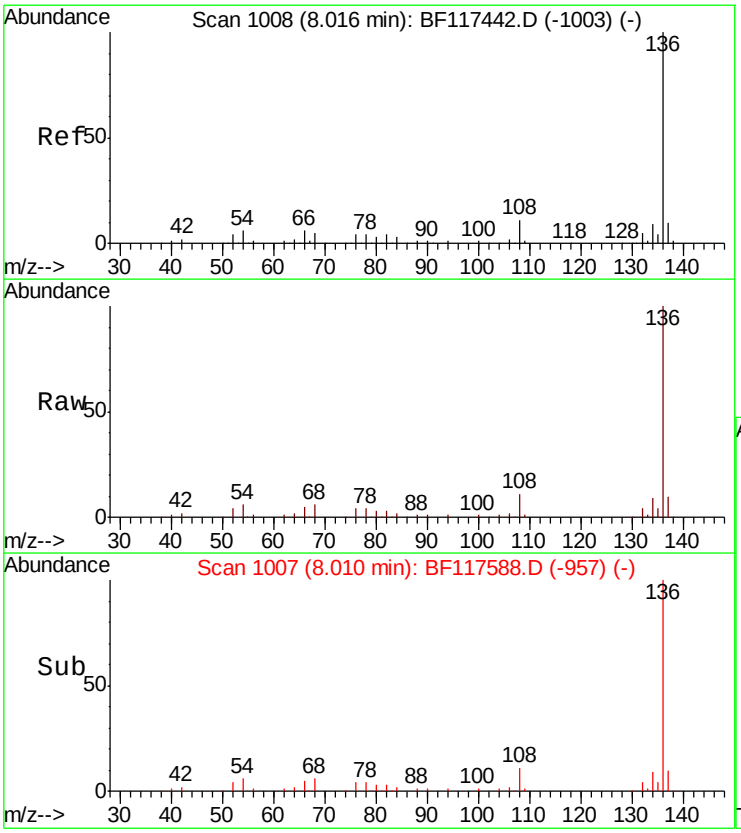
#19
n-Nitroso-di-n-propylamine
Concen: 12.171 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26009

Ion	Ratio	Lower	Upper
70	100		
42	38.6	36.7	55.1
101	0.0	8.3	12.5#
130	1.7	18.1	27.1#

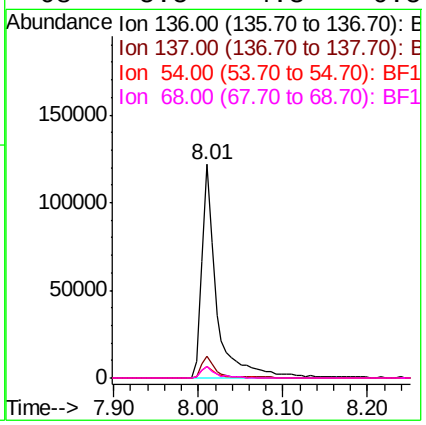


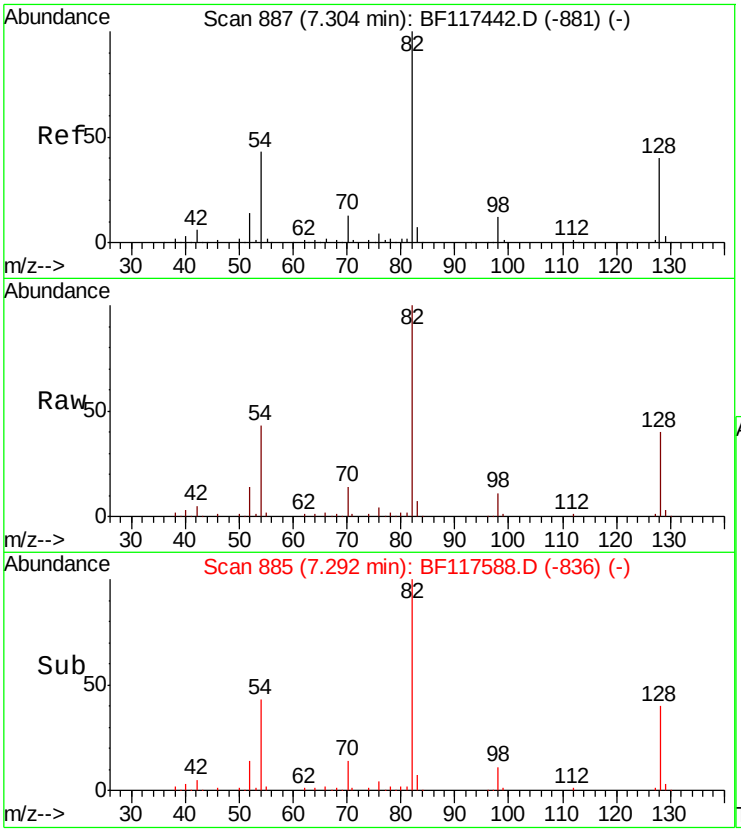


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:136 Resp: 148939

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	5.5	4.5	6.7
68	5.5	4.3	6.5



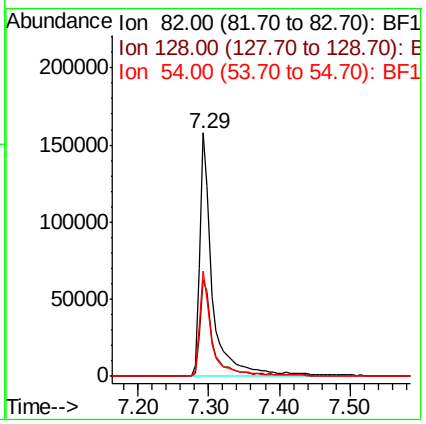


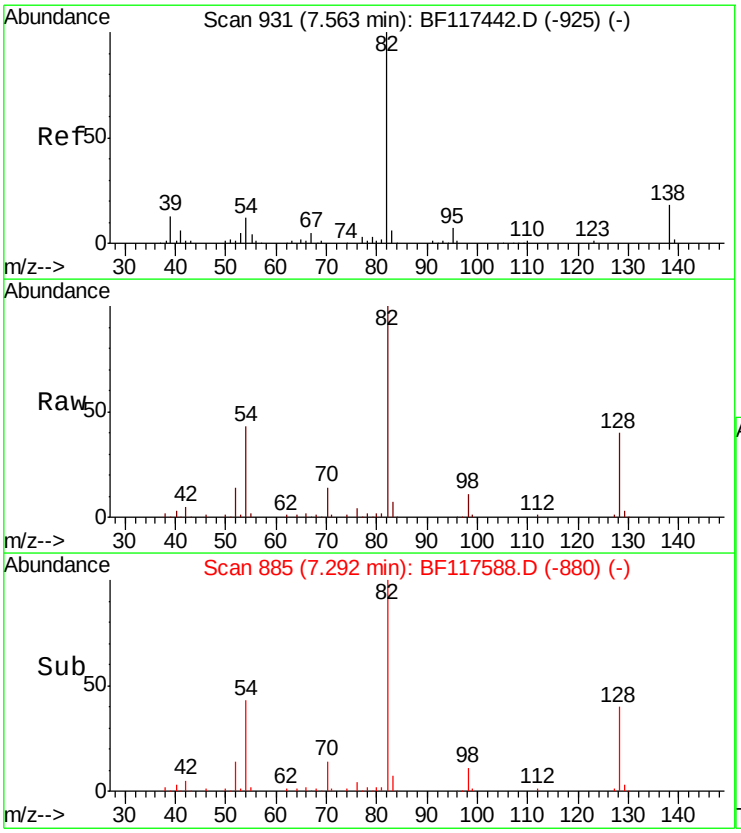
#23
Nitrobenzene-d5
Concen: 66.798 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 201524

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.2	48.2
54	43.2	34.2	51.2

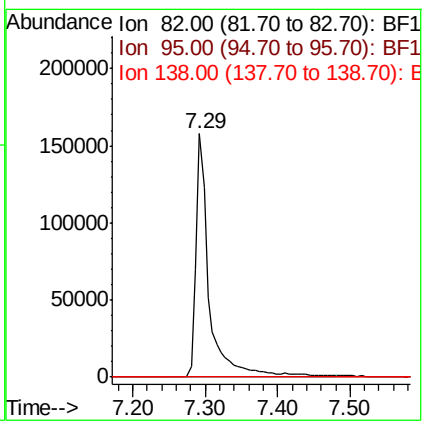


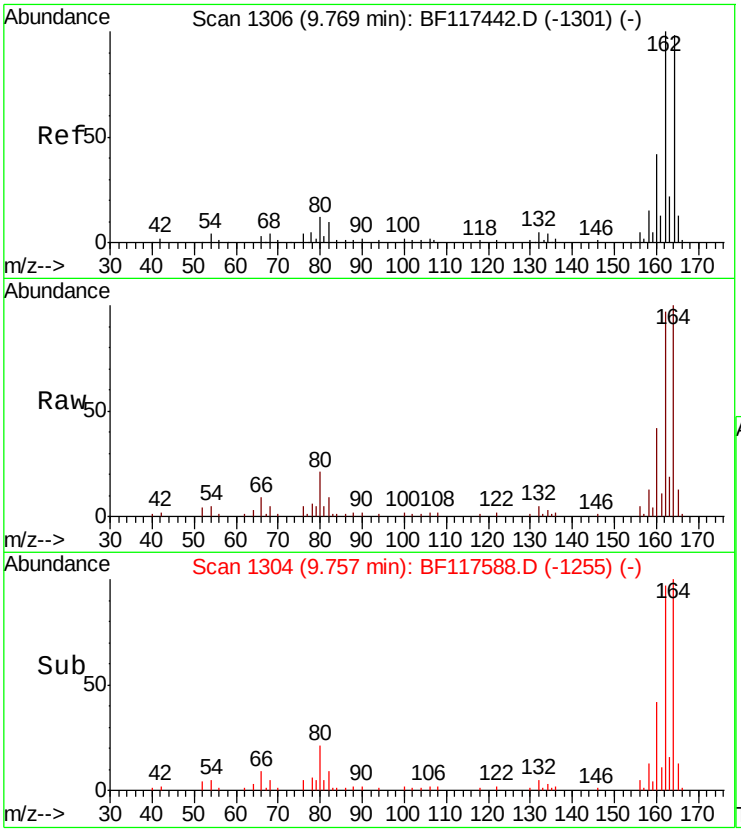


#25
Isophorone
Concen: 38.613 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion: 82 Resp: 201522

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



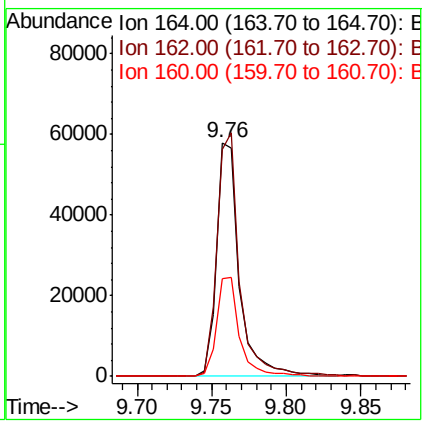


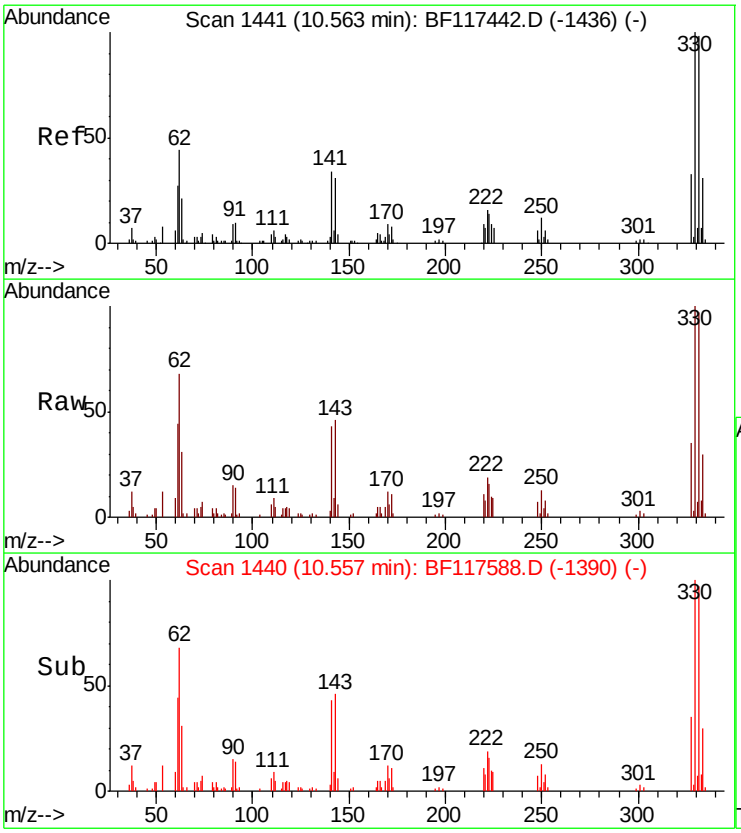
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 62335

Ion	Ratio	Lower	Upper
164	100		
162	96.8	81.8	122.6
160	41.5	34.4	51.6

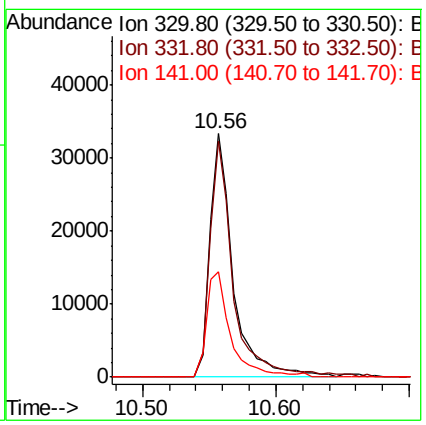


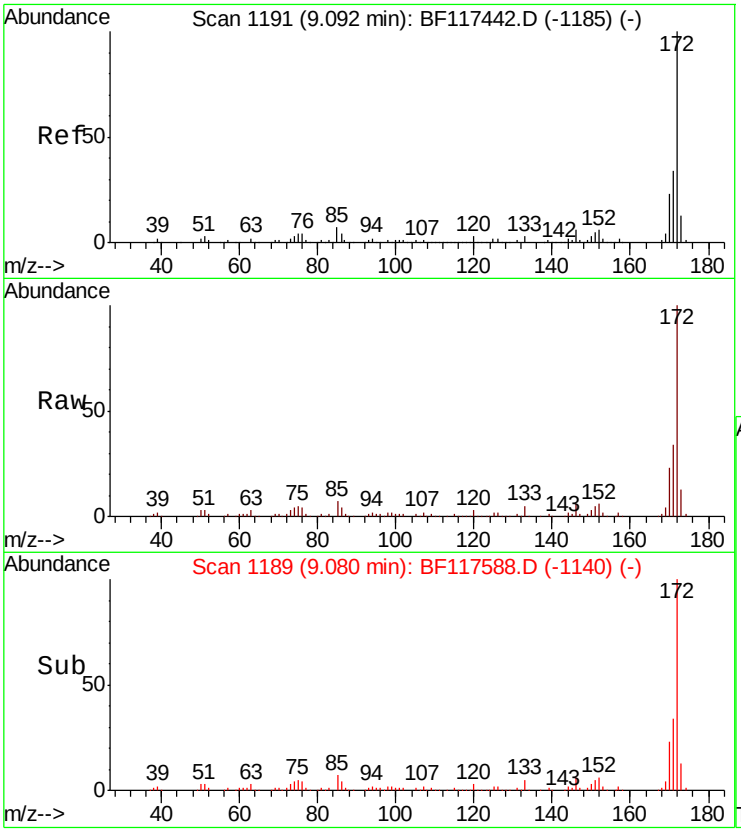


#42
2,4,6-Tribromophenol
Concen: 75.977 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:330 Resp: 40979

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	44.6	37.0	55.6



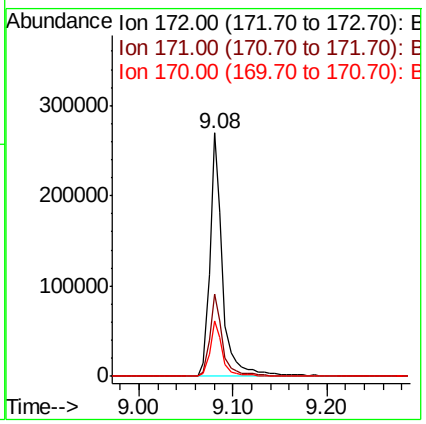


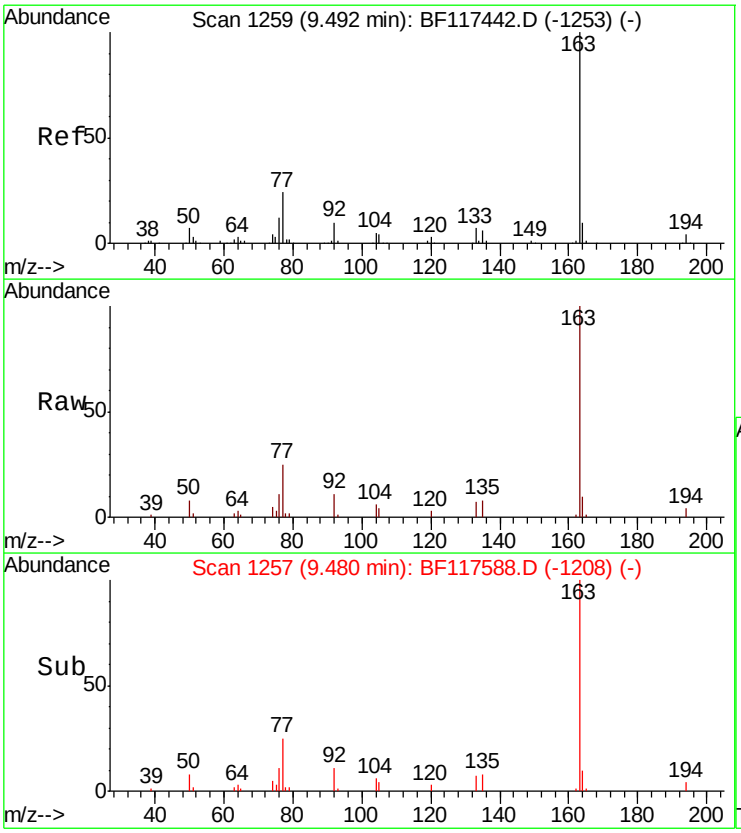
#45
2-Fluorobiphenyl
Concen: 58.388 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 258315

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.9	18.6	27.8

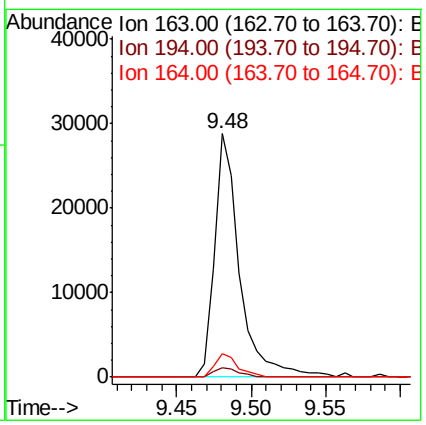


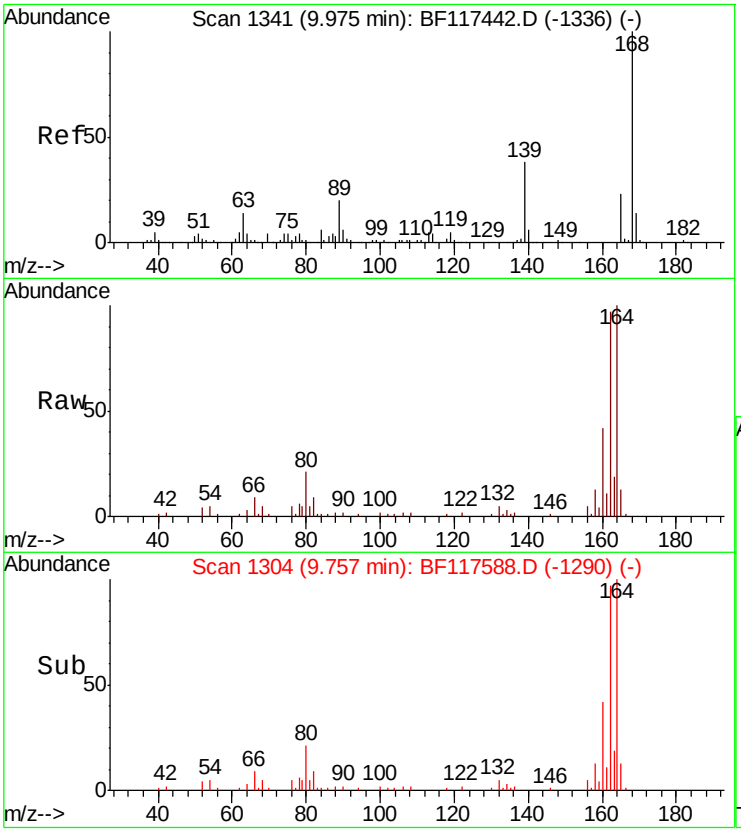


#50
Dimethylphthalate
Concen: 7.584 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:163 Resp: 33704

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.7	8.2	12.2



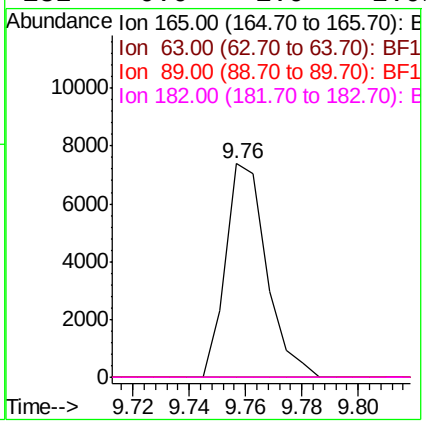


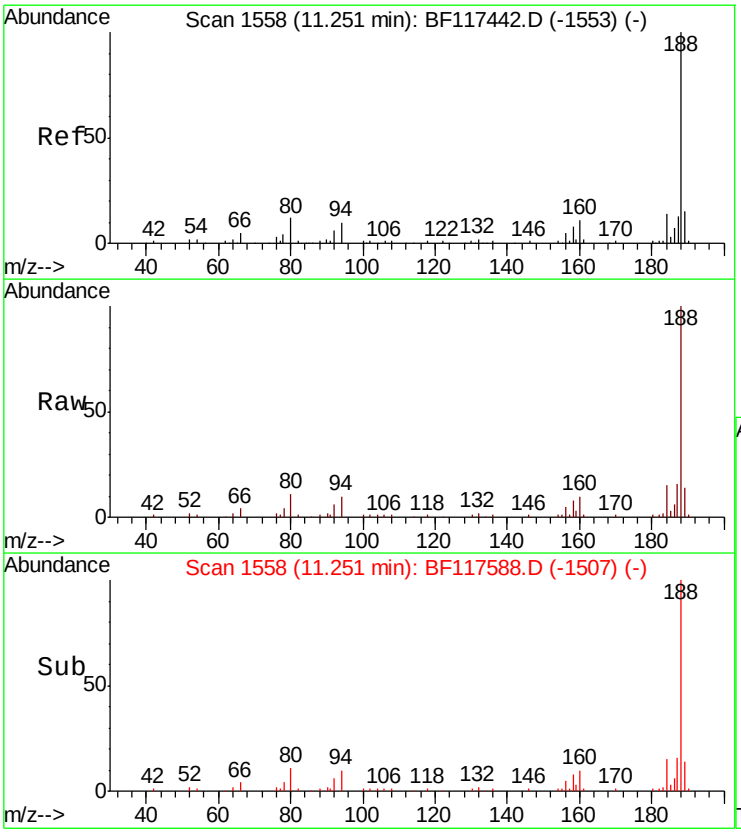
#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7466

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

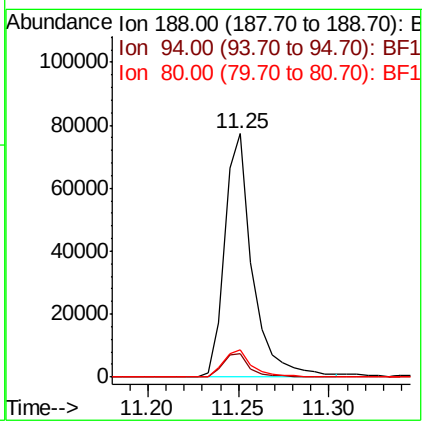


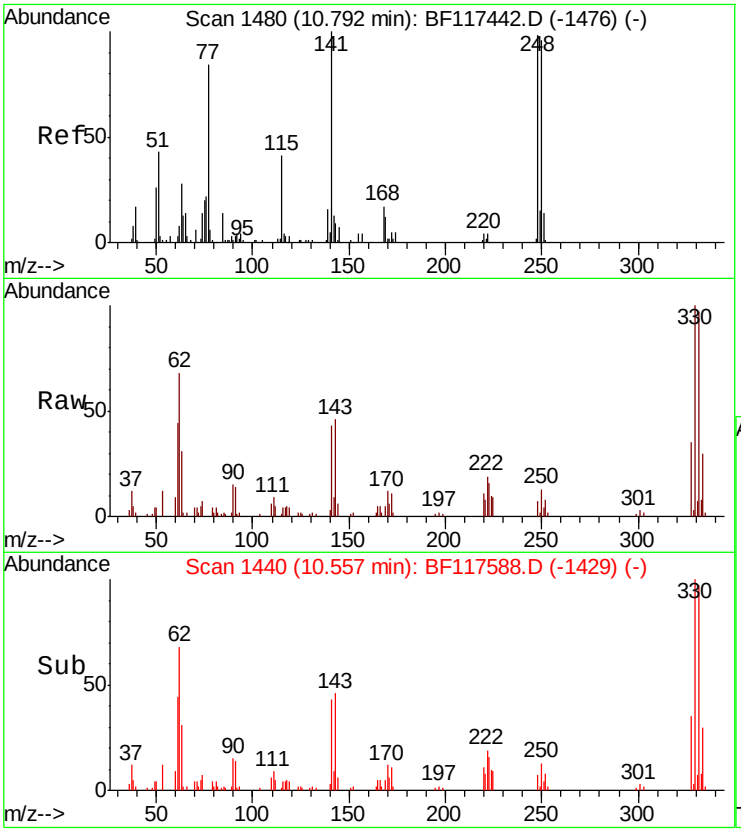


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:188 Resp: 82788

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	11.0	9.5	14.3



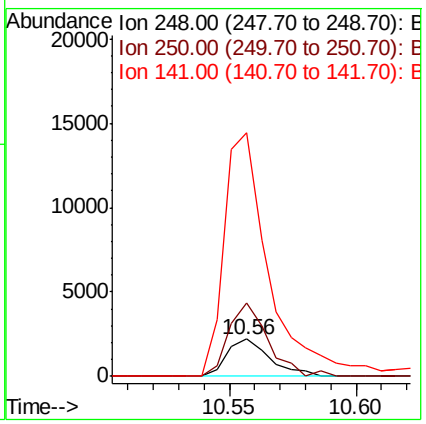


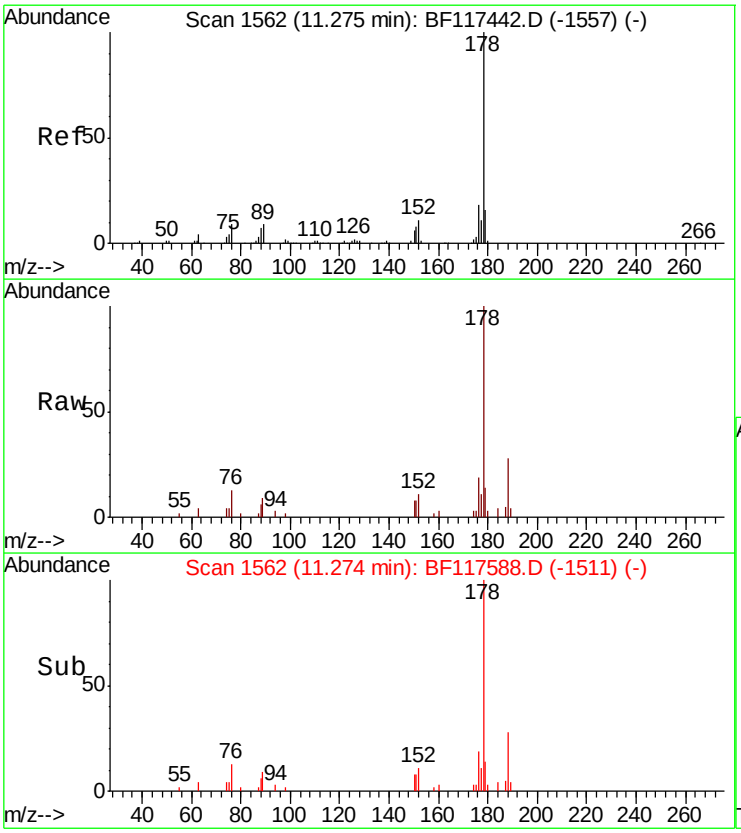
#67
4-Bromophenyl-phenylether
Concen: 2.934 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 2616

Ion	Ratio	Lower	Upper
248	100		
250	199.1	78.0	117.0#
141	656.6	81.7	122.5#

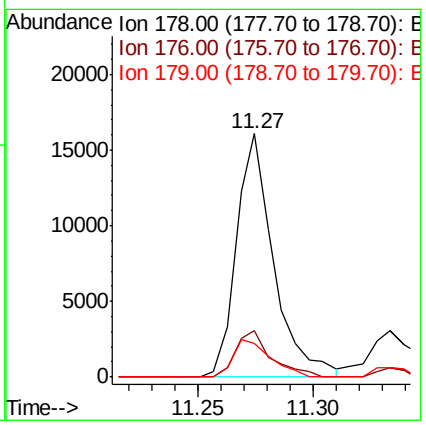


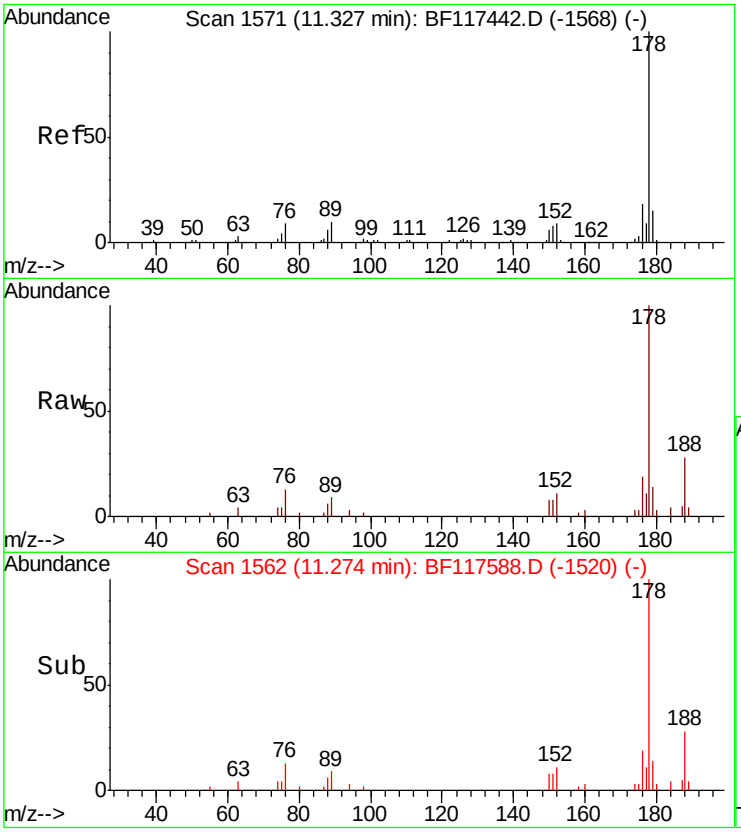


#71
Phenanthrene
Concen: 3.754 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:178 Resp: 18046

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	13.9	12.6	19.0



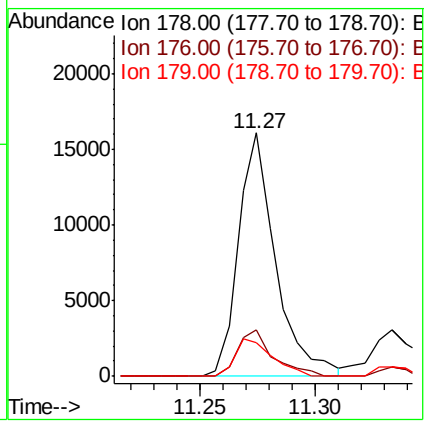


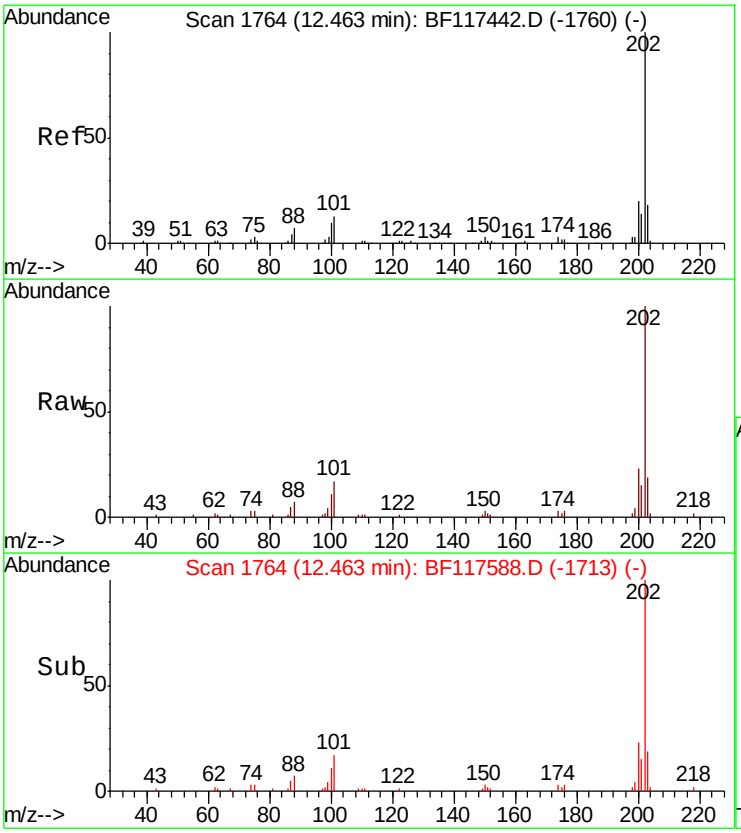
#72
Anthracene
Concen: 3.659 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 18046

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	13.9	12.2	18.2

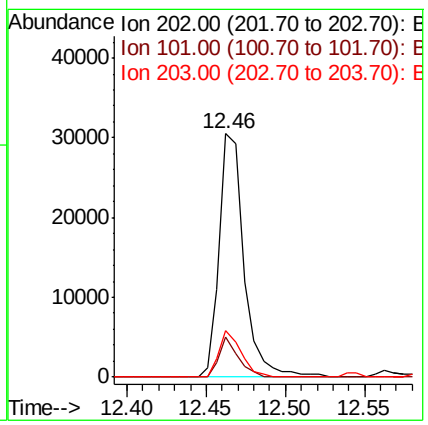


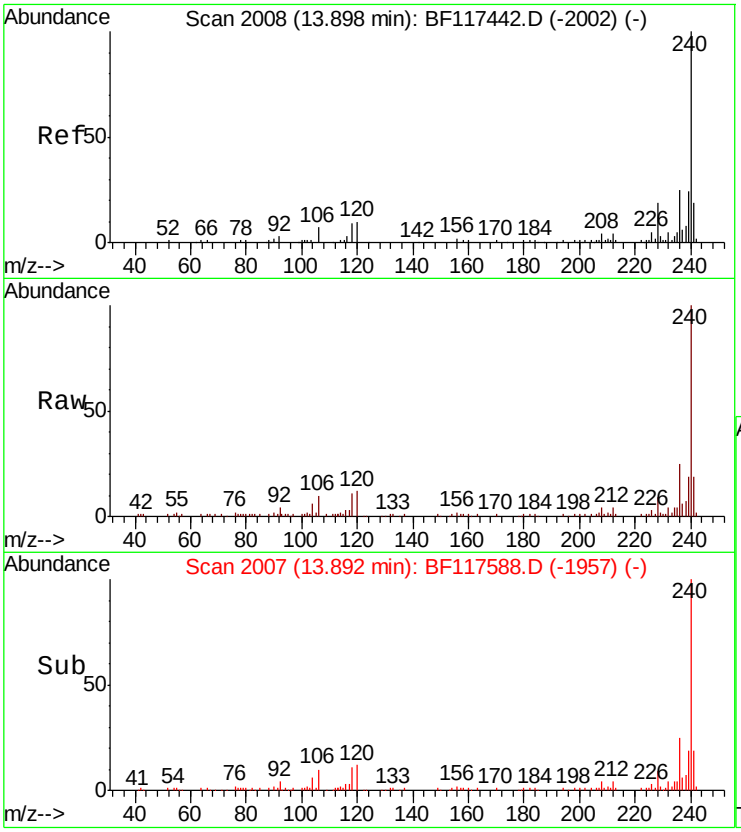


#75
Fluoranthene
Concen: 6.901 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:202 Resp: 33211

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	32.7
203	19.2	0.0	37.6



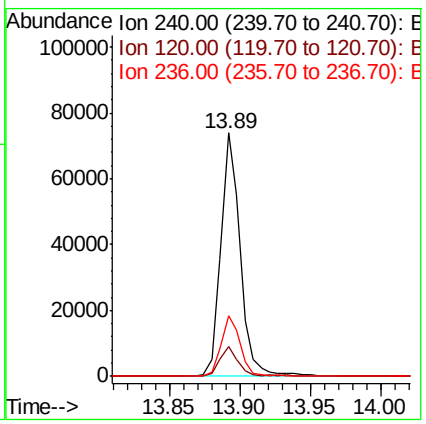


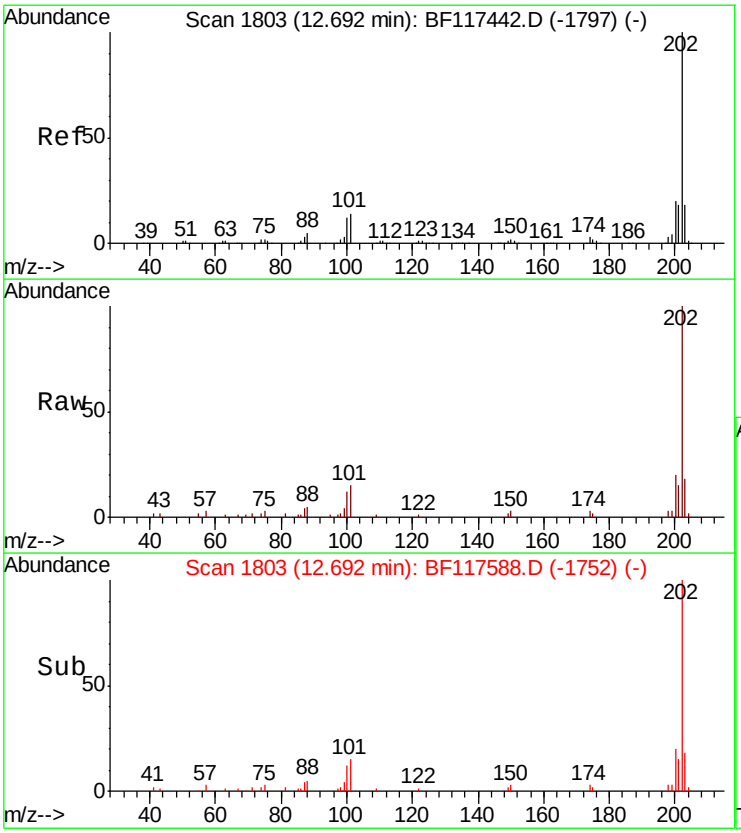
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 70413

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	24.7	20.0	30.0

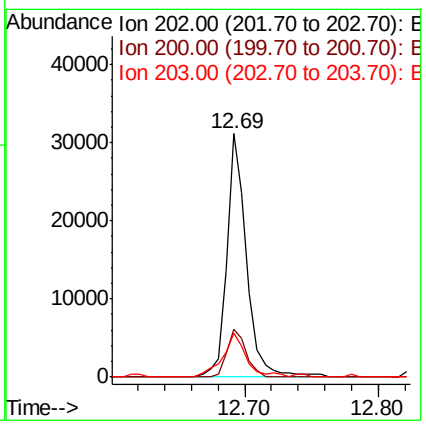


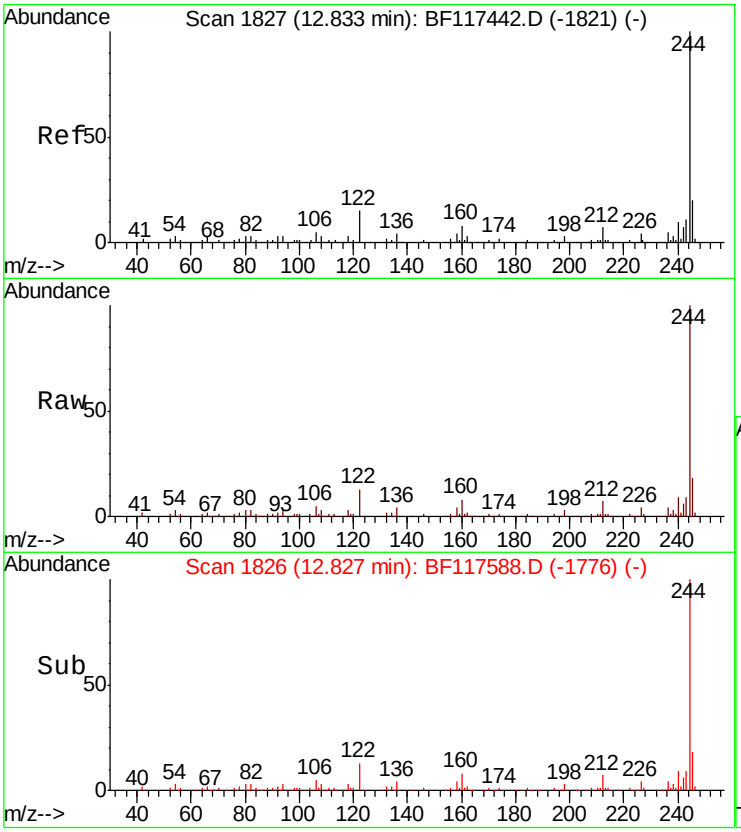


#78
Pyrene
Concen: 5.324 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:202 Resp: 32198

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	18.1	14.0	21.0



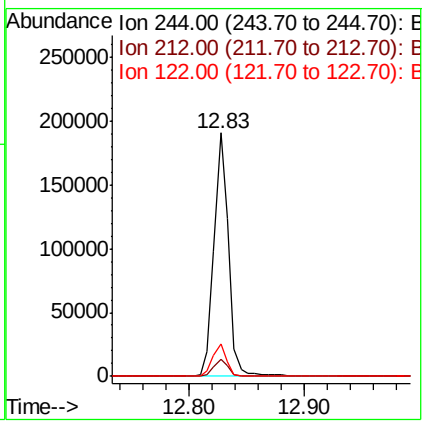


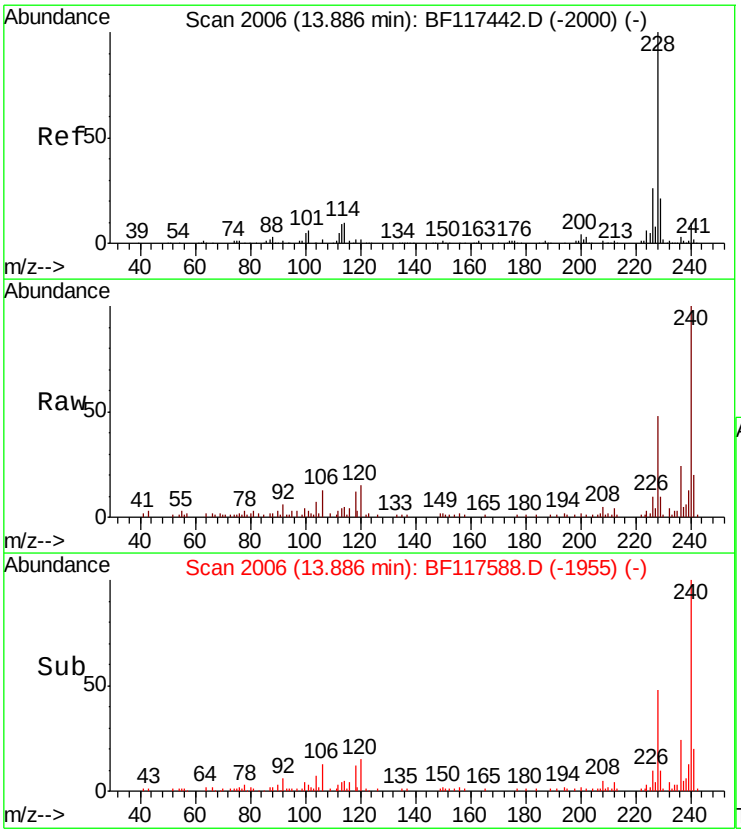
#79
Terphenyl-d14
Concen: 38.440 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 165942

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.3	11.8	17.8

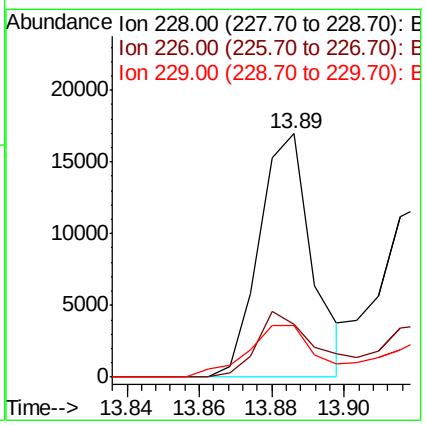


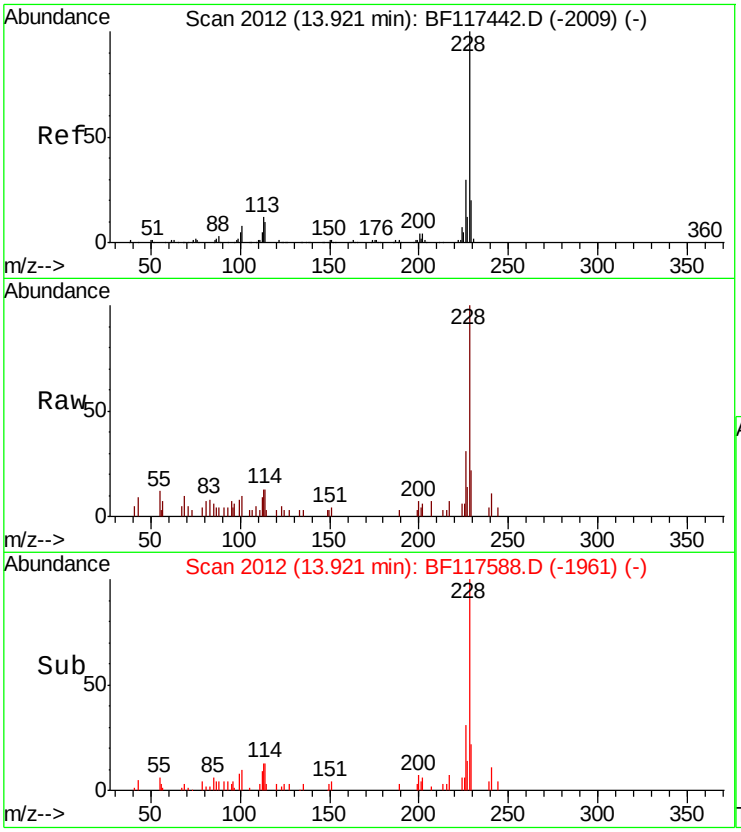


#81
Benzo(a)anthracene
Concen: 3.642 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:228 Resp: 17300

Ion	Ratio	Lower	Upper
228	100		
226	21.9	21.0	31.4
229	21.0	16.4	24.6



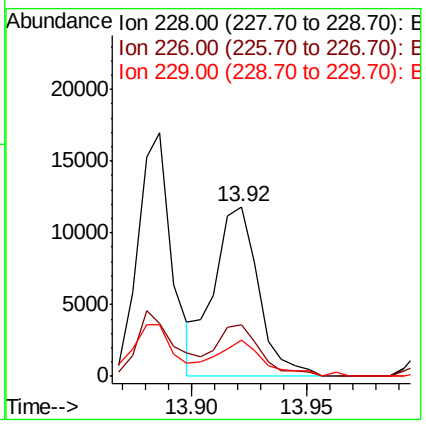


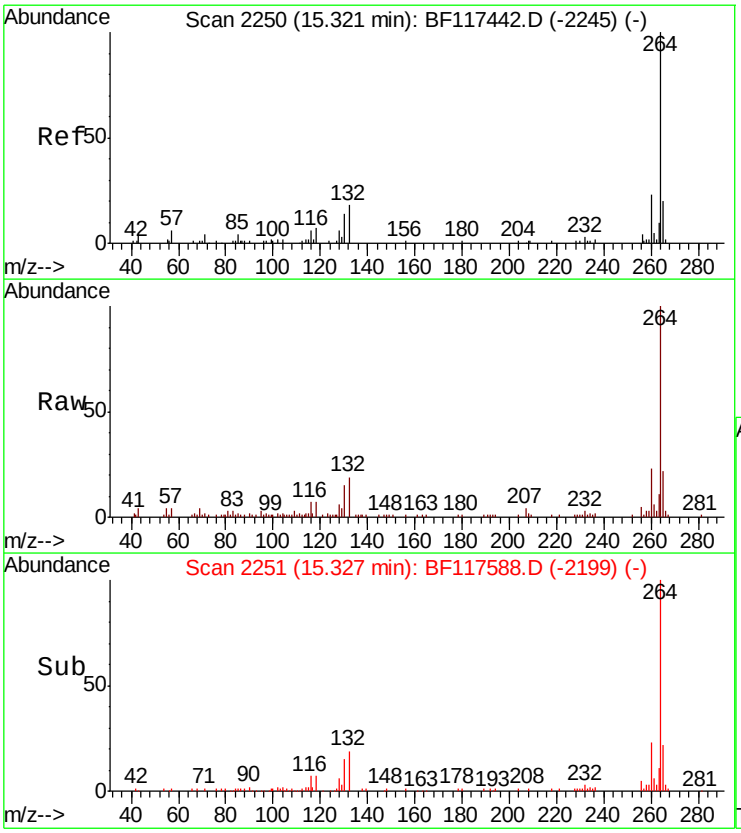
#83
Chrysene
Concen: 3.433 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 15981

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	21.6	15.8	23.6

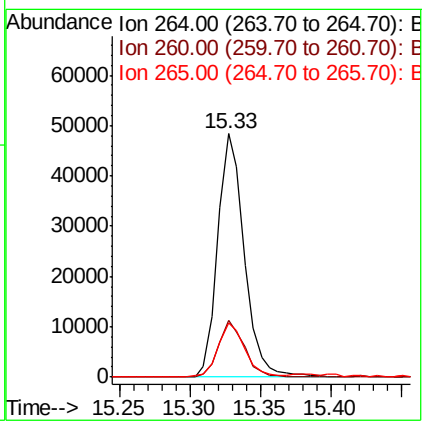


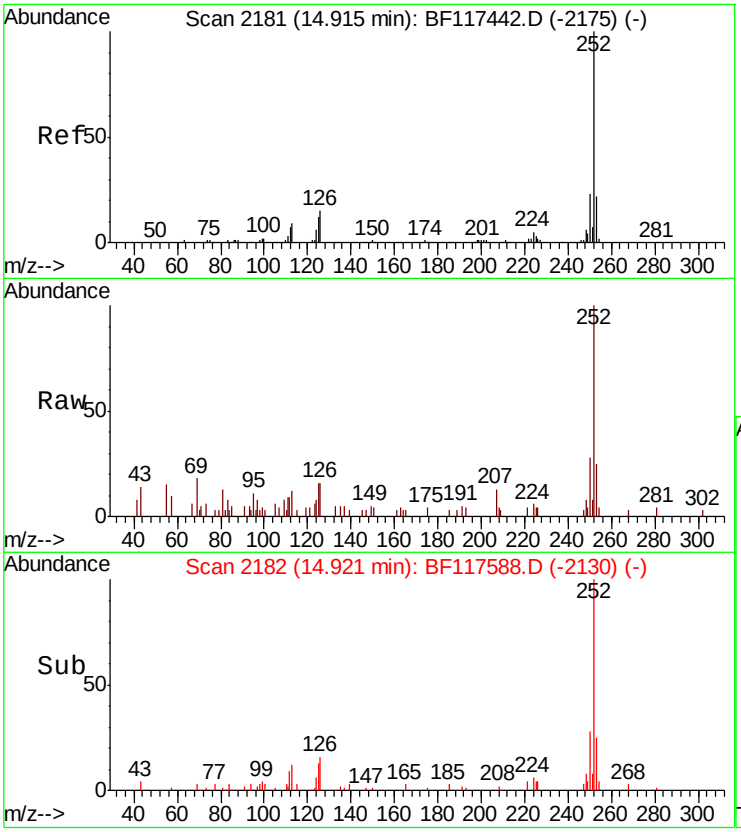


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:264 Resp: 63492

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.4	16.1	24.1



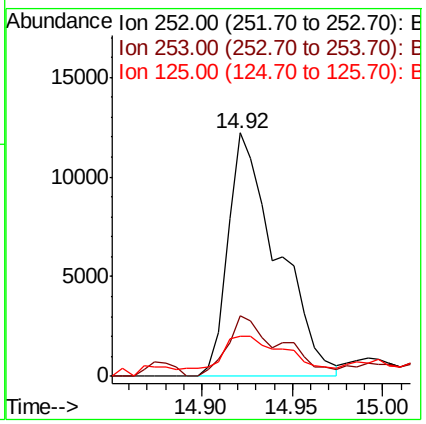


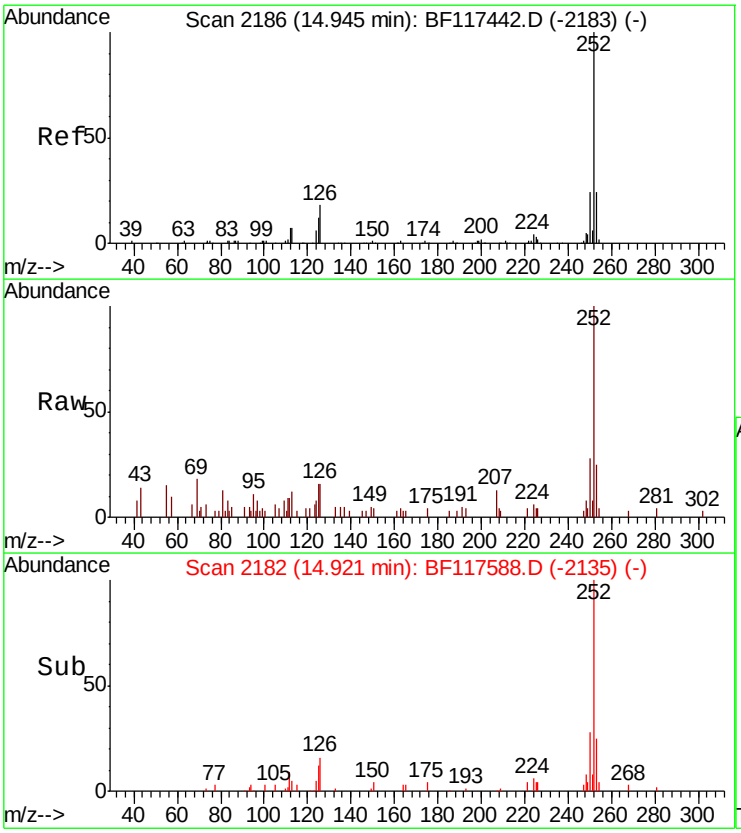
#88
Benzo(b)fluoranthene
Concen: 6.184 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 23184

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	16.2	9.9	14.9#

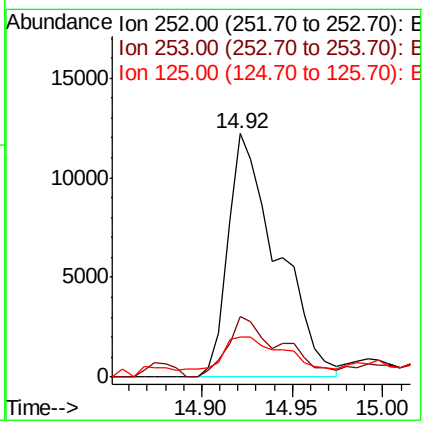


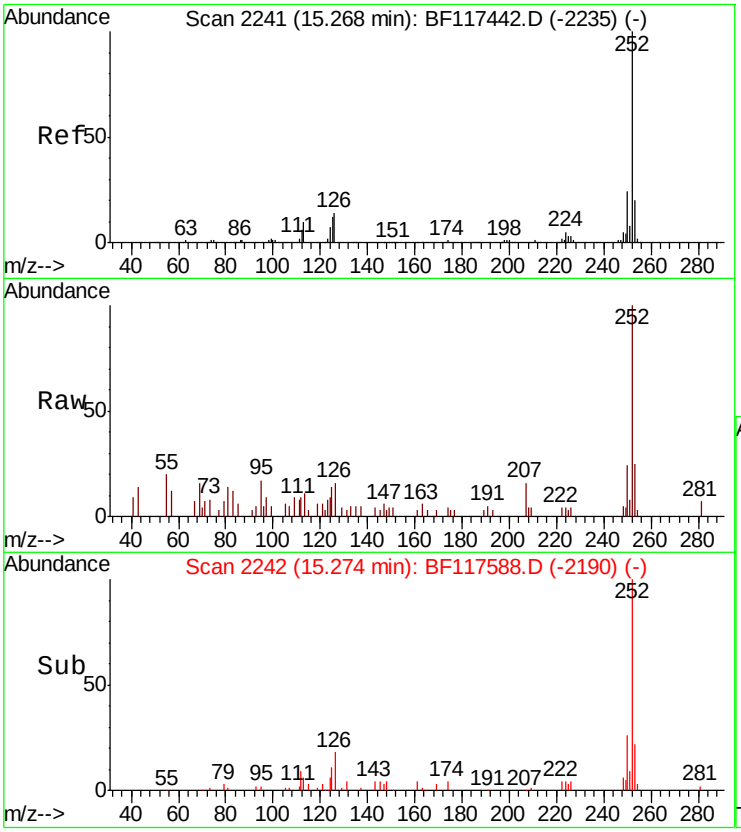


#89
Benzo(k)fluoranthene
Concen: 6.033 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:252 Resp: 23184

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	16.2	8.9	13.3#





#90
Benzo(a)pyrene
Concen: 3.532 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 12041

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.3	24.5#
125	14.1	9.2	13.8#