Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115882.D
Acq On : 31 Jul 2019 22:33
Operator : HP/JU
Sample : K4066-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13

Quant Time: Aug 01 04:59:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132842	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	487457	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	229318	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	335516	20.00	ng		0.00
76) Chrysene-d12	14.02	240	296860	20.00	ng		0.00
87) Perylene-d12	15.49	264	323144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	780897	98.41	ng		0.01
7) Phenol-d6	6.49	99	1007169	100.60	ng		0.00
23) Nitrobenzene-d5	7.41	82	618744	73.27	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	193319	86.95	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	930087	75.97	ng		0.00
79) Terphenyl-d14	12.96	244	762213	54.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	82822	13.350	ng	#	79
25) Isophorone	7.41	82	616476	38.177	ng	#	66
50) Dimethylphthalate	9.60	163	146654	9.392	ng		98
57) 2,4-Dinitrotoluene	9.89	165	29408	6.509	ng	#	24
67) 4-Bromophenyl-phenylether	10.68	248	11216	3.123	ng	#	1
71) Phenanthrene	11.40	178	94017	5.481	ng		97
75) Fluoranthene	12.59	202	598014	33.303	ng		99
78) Pyrene	12.82	202	635129	28.382	ng		99
81) Benzo(a)anthracene	14.01	228	389480	20.527	ng		99
83) Chrysene	14.04	228	337384	18.315	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	185500	11.990	ng		96
88) Benzo(b)fluoranthene	15.06	252	699893	37.458	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	699893	38.458	ng		100
90) Benzo(a)pyrene	15.43	252	384264	23.006	ng		97
91) Dibenzo(a,h)anthracene	17.14	278	35185	2.434	ng		95
92) Benzo(g,h,i)perylene	17.41	276	180177	12.689	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Jul 2019 22:33
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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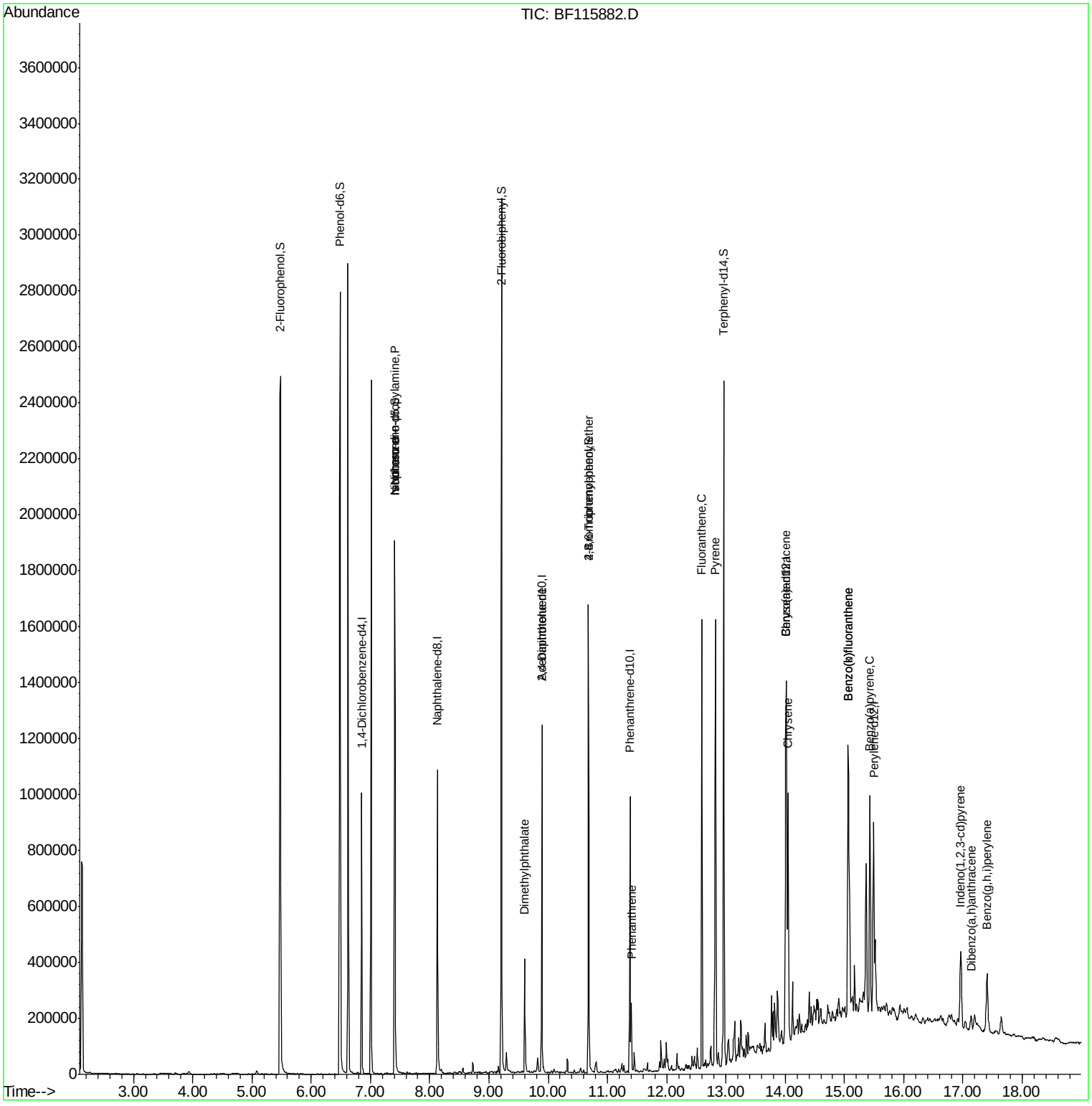
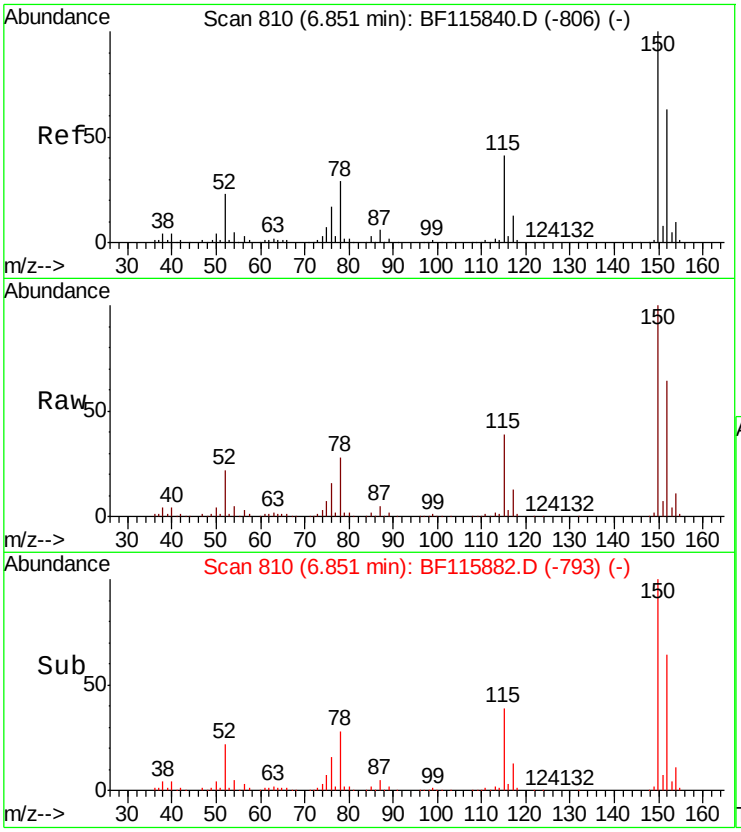


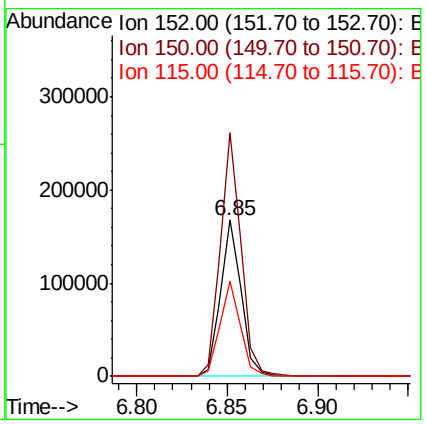


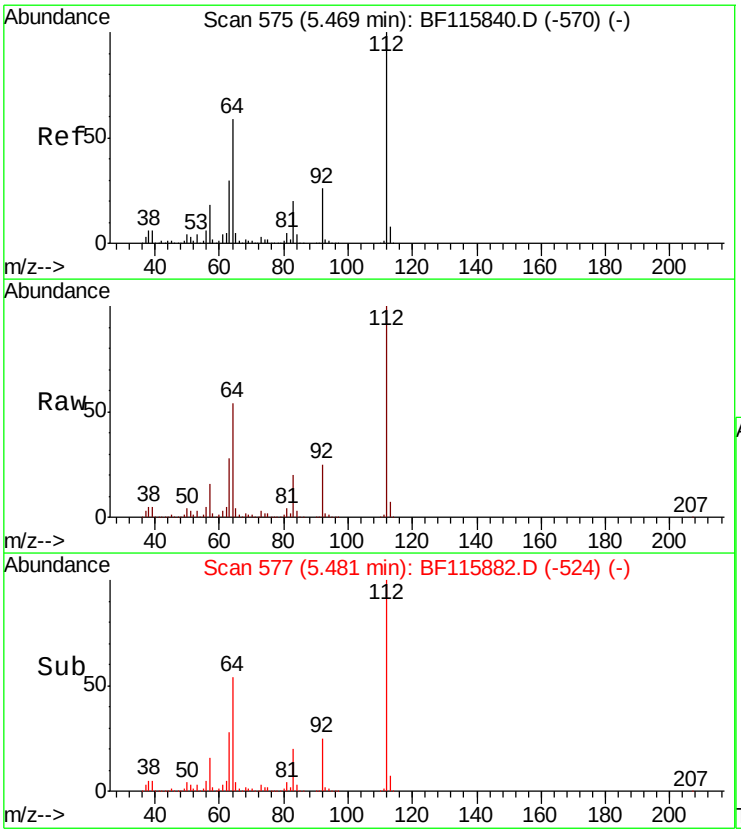
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 132842

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.0
115	61.3	51.8	77.8

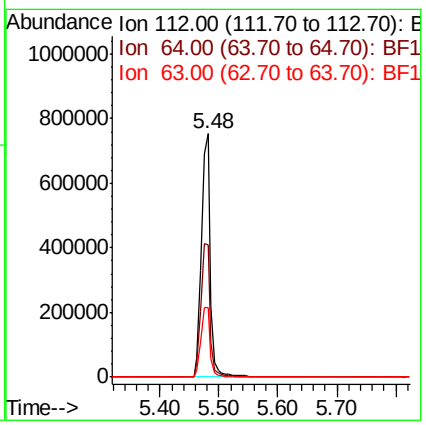


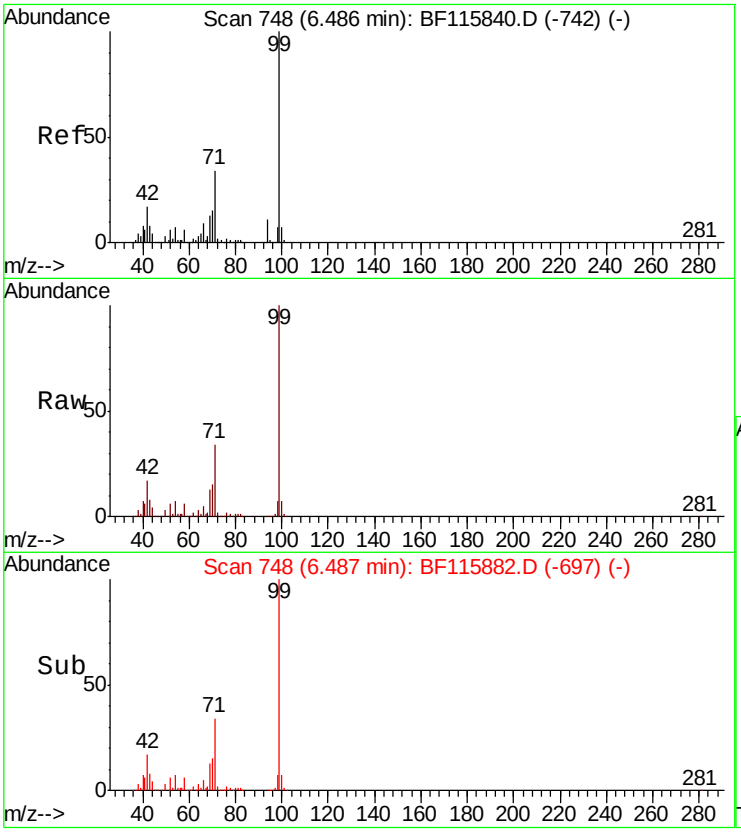


#5
2-Fluorophenol
Concen: 98.408 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:112 Resp: 780897

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.8	70.2
63	28.5	24.2	36.2



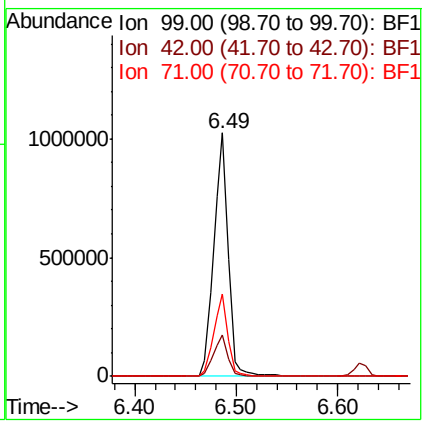


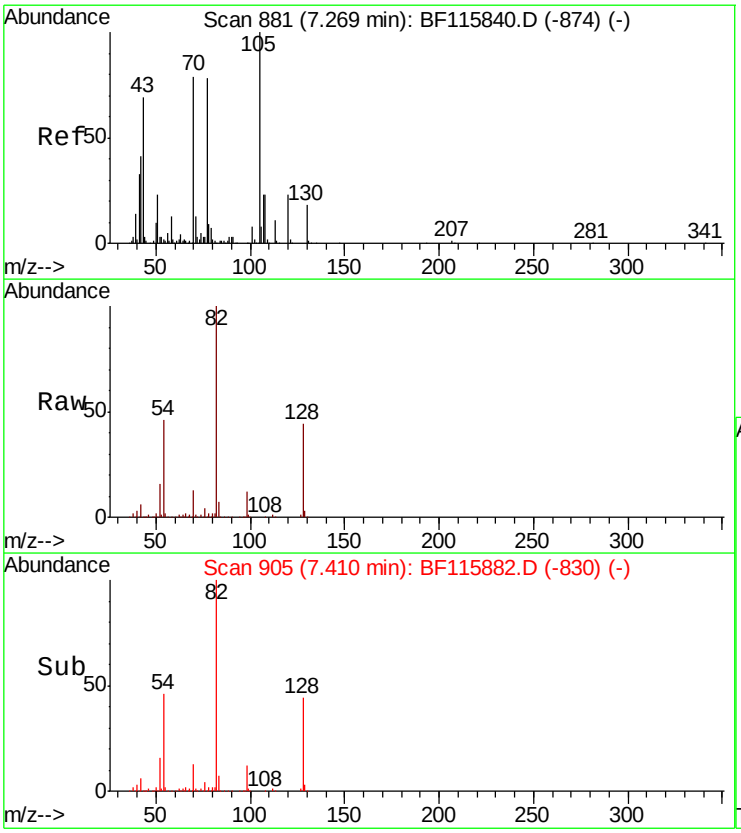
#7
Phenol-d6
Concen: 100.598 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 1007169

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	33.9	27.1	40.7

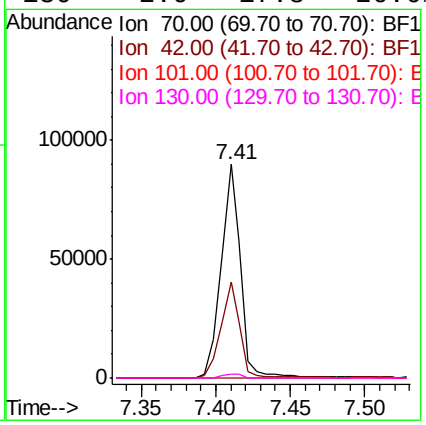


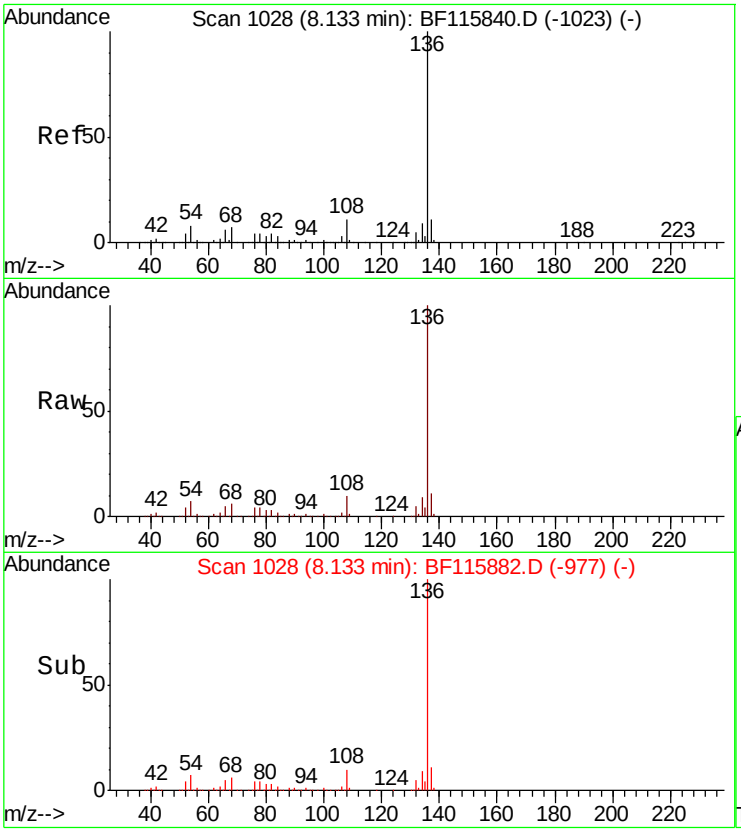


#19
n-Nitroso-di-n-propylamine
Concen: 13.350 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion: 70 Resp: 82822

Ion	Ratio	Lower	Upper
70	100		
42	44.8	41.8	62.8
101	0.0	7.7	11.5#
130	2.0	17.8	26.6#



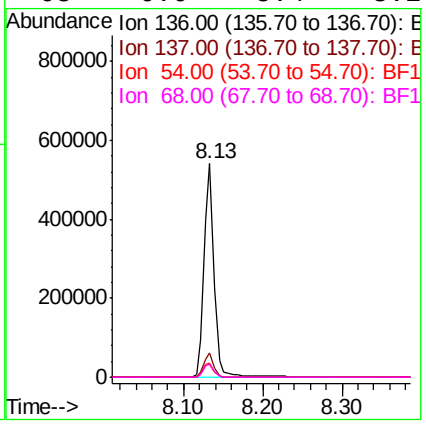


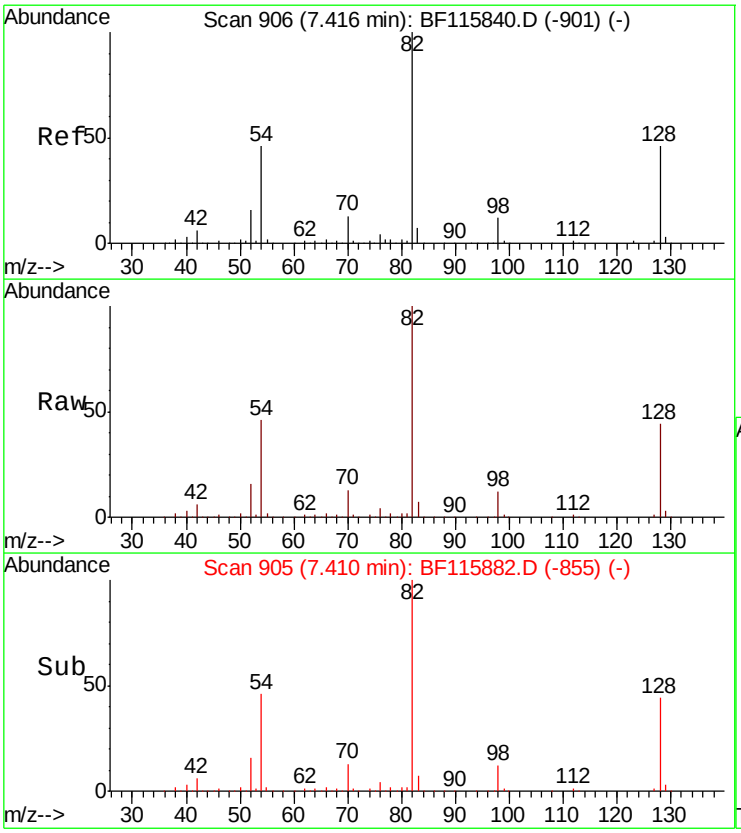
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:136 Resp: 487457

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.8	6.1	9.1
68	6.0	5.4	8.2

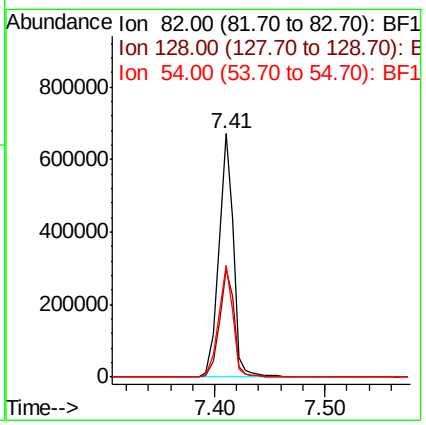


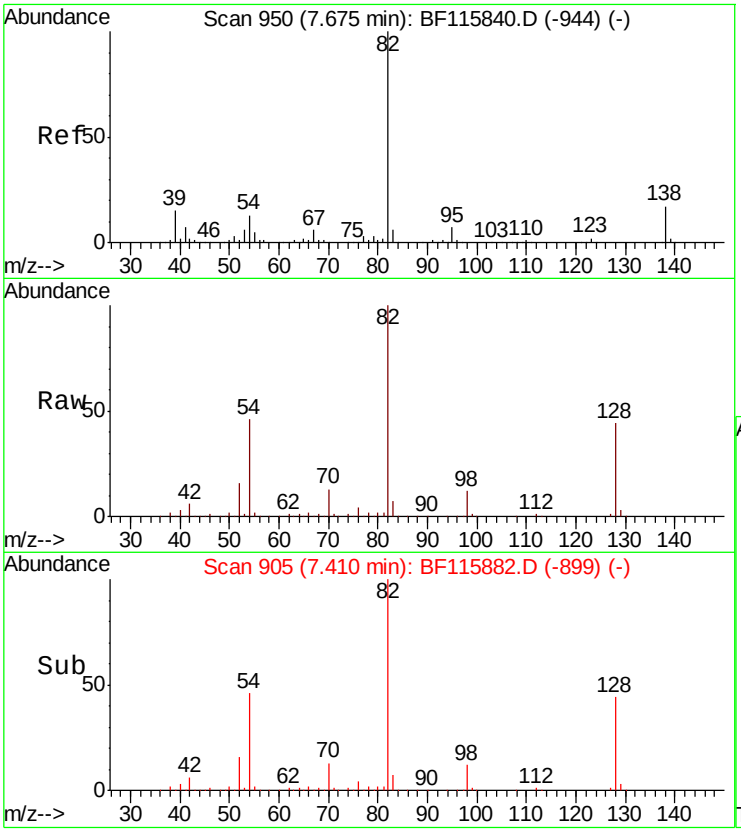


#23
Nitrobenzene-d5
Concen: 73.270 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion: 82 Resp: 618744

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	55.0
54	45.8	36.6	55.0



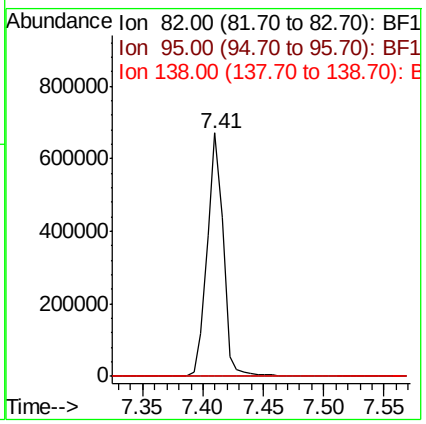


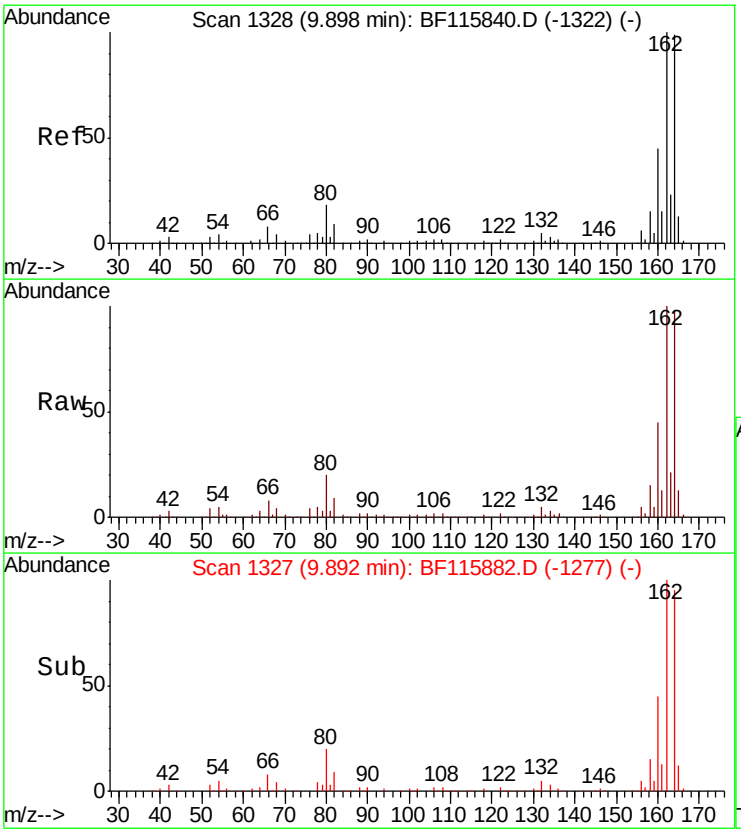
#25
Isophorone
Concen: 38.177 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 82 Resp: 616476

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

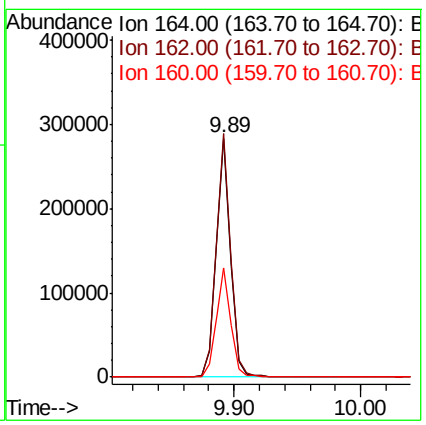


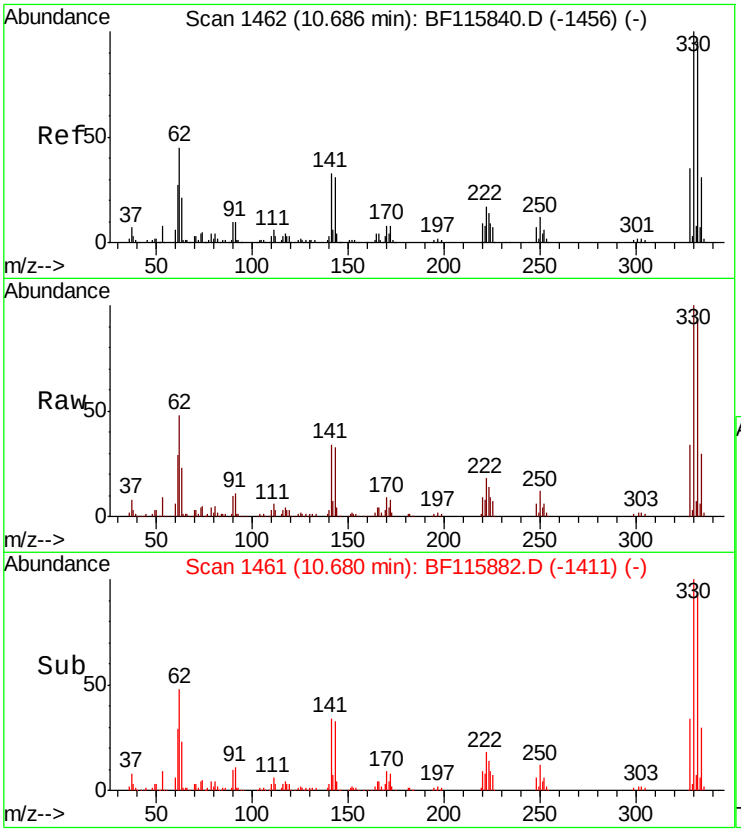


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:164 Resp: 229318

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	46.0	36.2	54.4



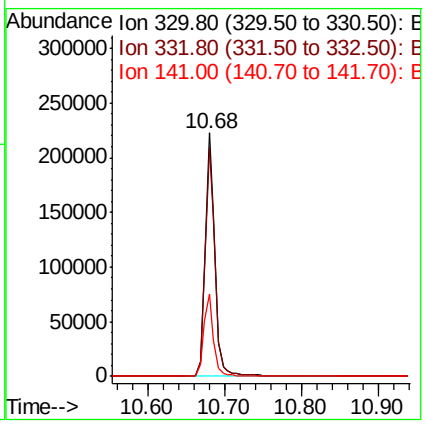


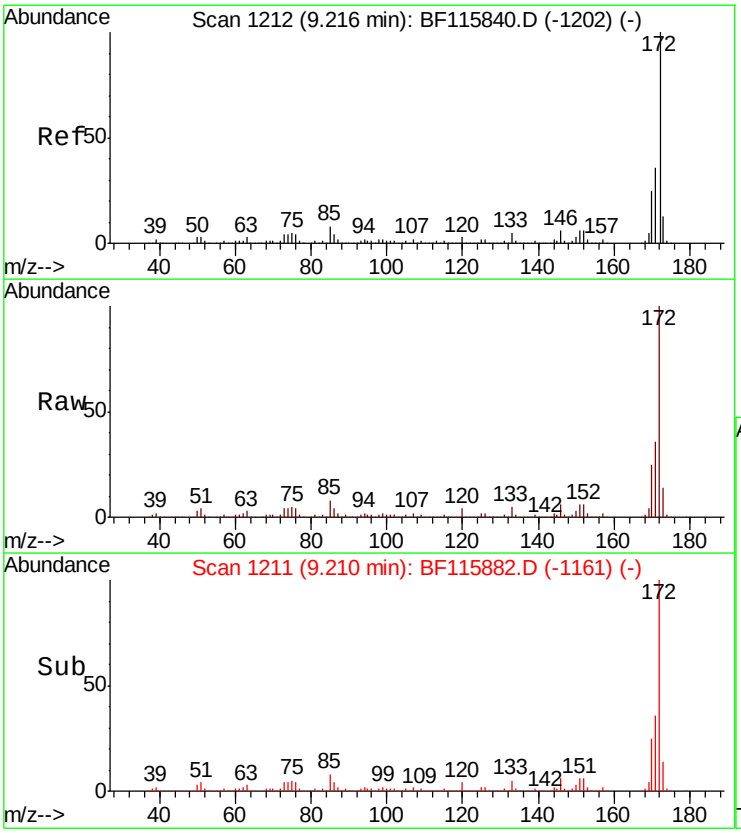
#42
2,4,6-Tribromophenol
Concen: 86.951 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:330 Resp: 193319

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	34.6	28.1	42.1

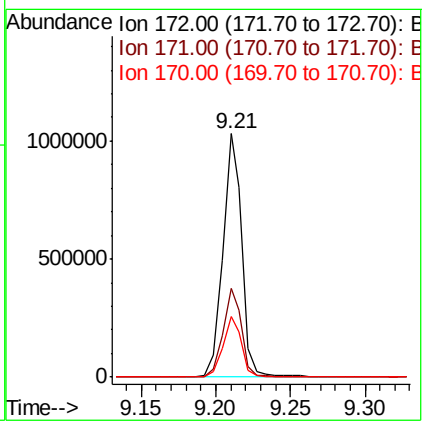


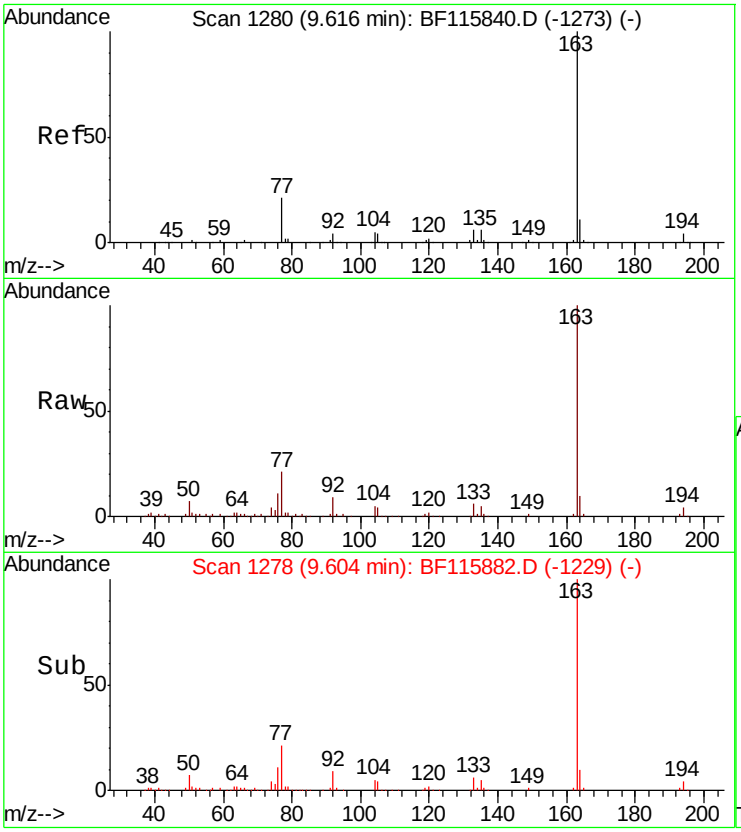


#45
2-Fluorobiphenyl
Concen: 75.970 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:172 Resp: 930087

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.7	20.1	30.1



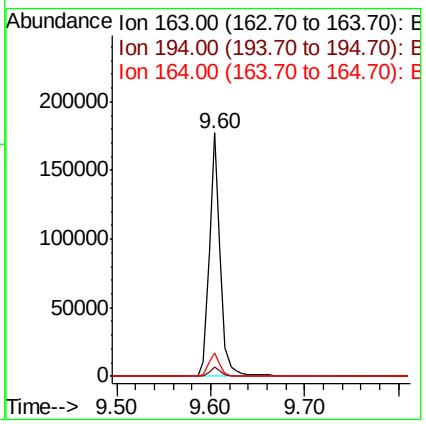


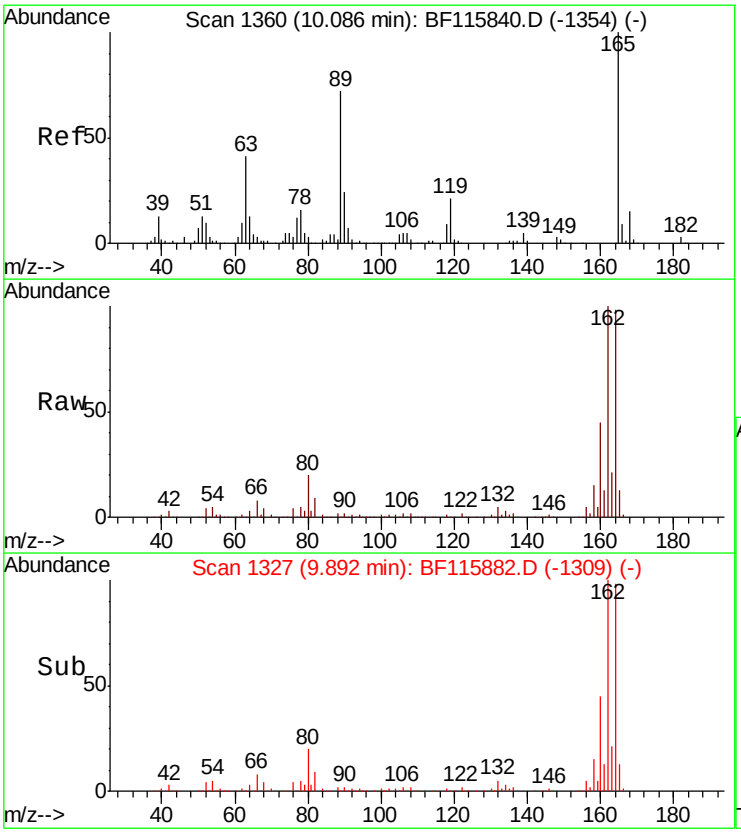
#50
Dimethylphthalate
Concen: 9.392 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:163 Resp: 146654

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.4	12.6

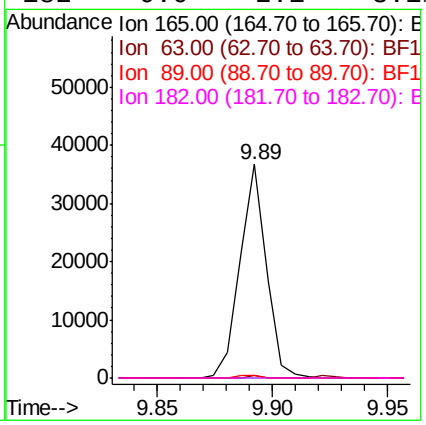


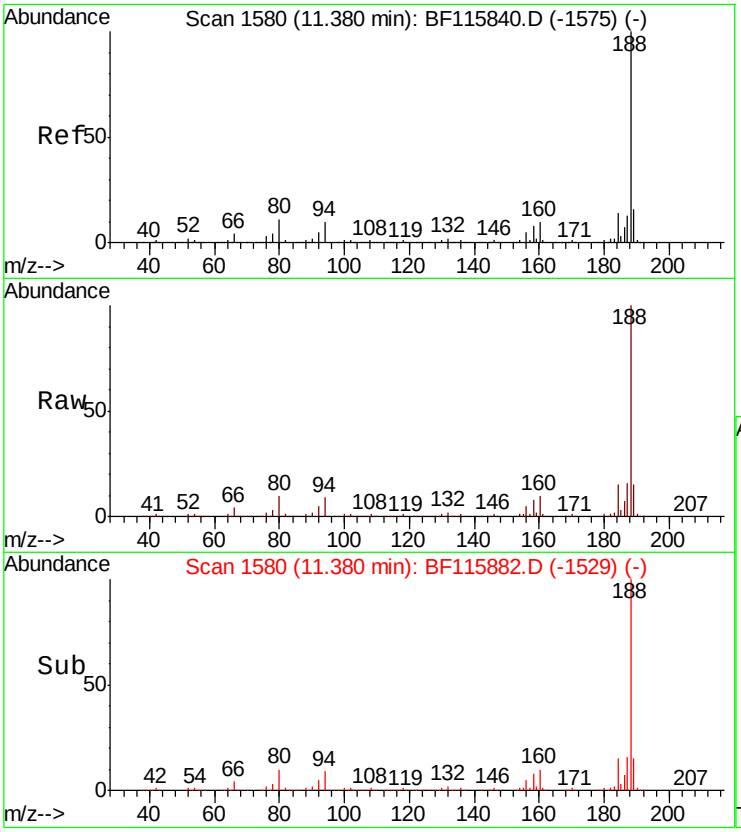


#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:165 Resp: 29408

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.2	49.8#
89	1.1	57.3	85.9#
182	0.0	2.1	3.1#



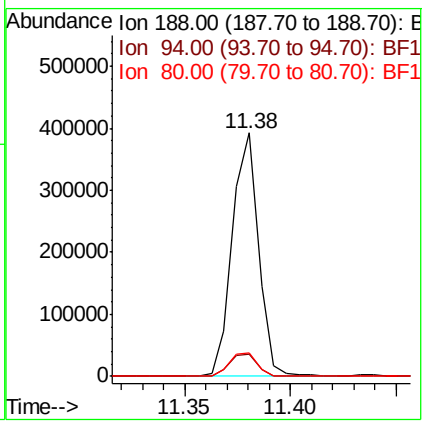


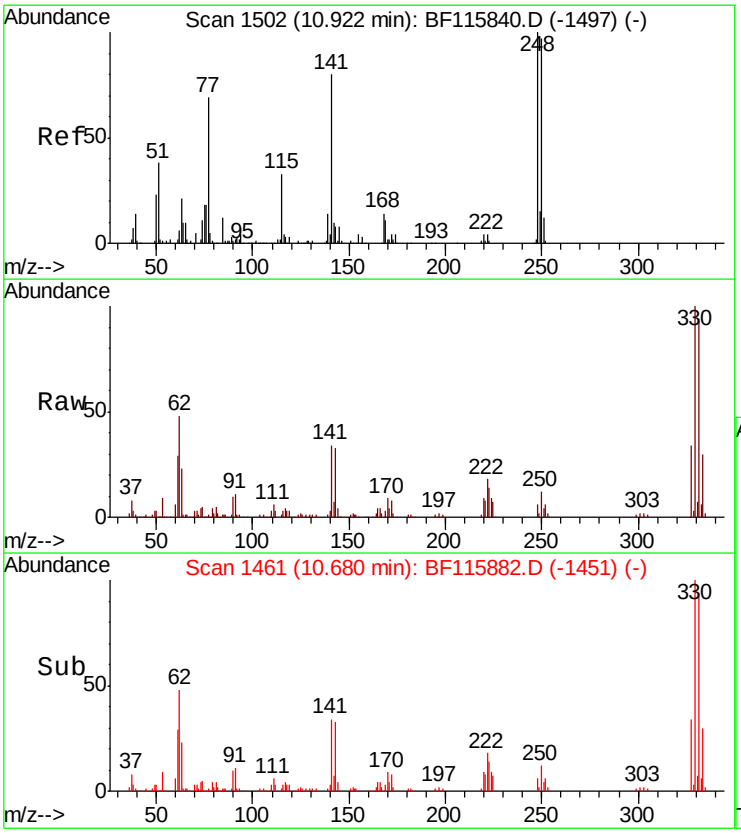
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:188 Resp: 335516

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.7	8.6	12.8

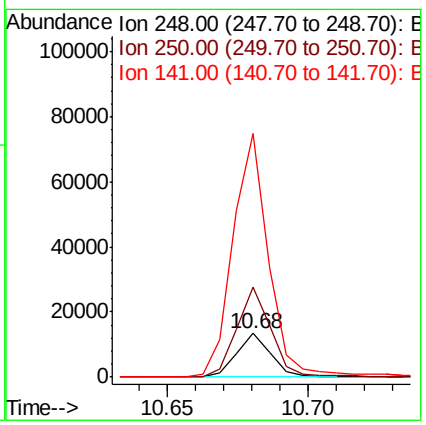


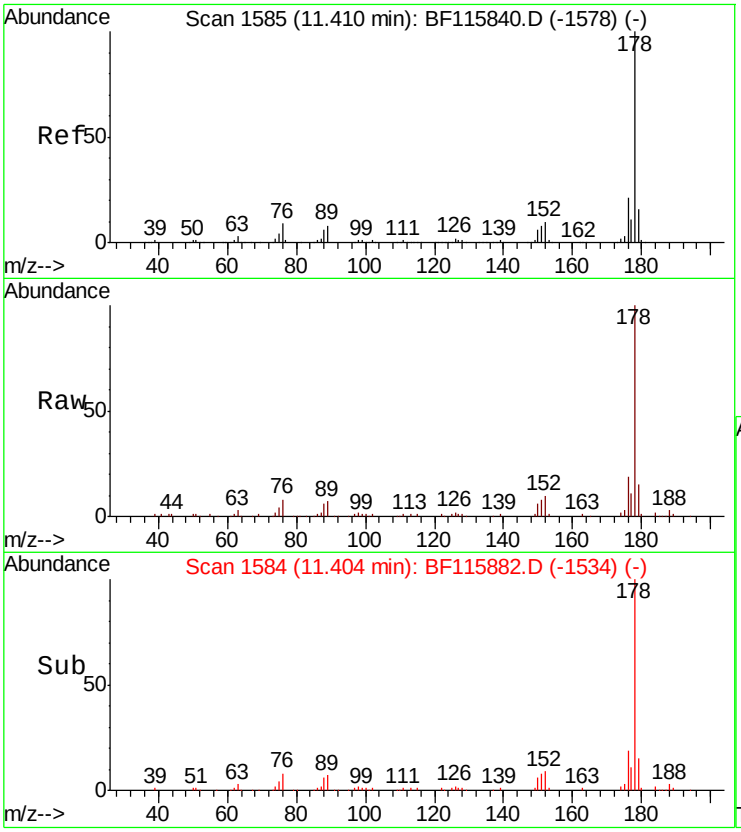


#67
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:248 Resp: 11216

Ion	Ratio	Lower	Upper
248	100		
250	205.6	77.8	116.6#
141	558.7	64.3	96.5#



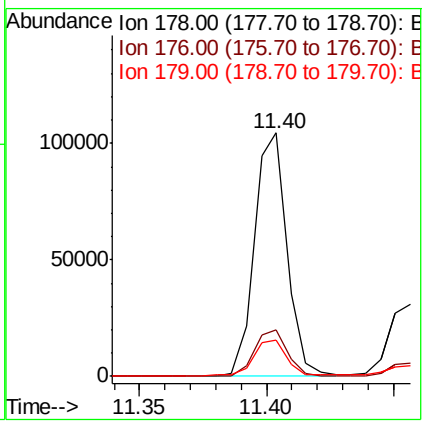


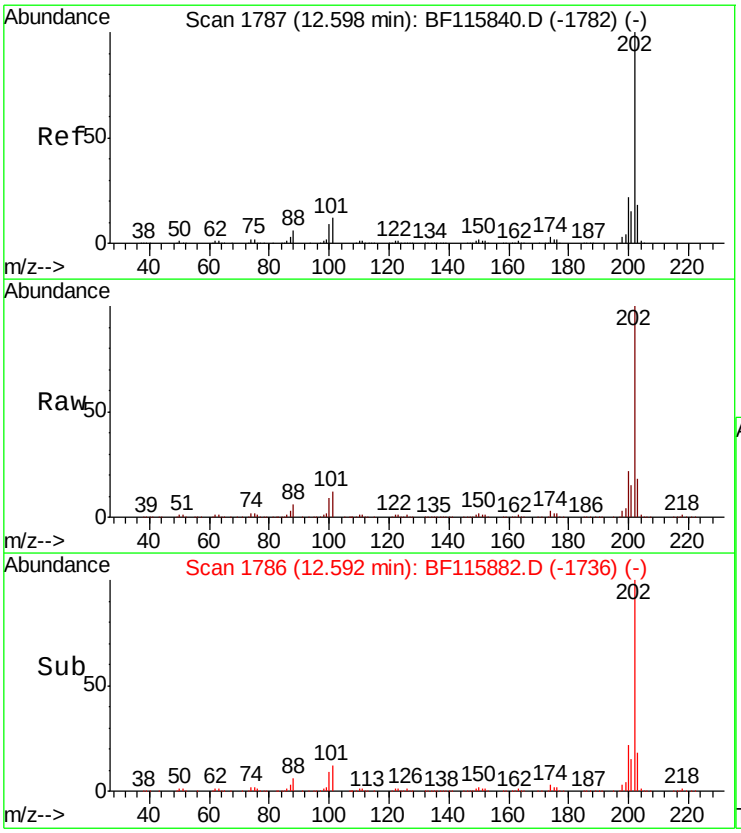
#71
Phenanthrene
Concen: 5.481 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:178 Resp: 94017

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.5	24.7
179	14.8	12.6	18.8

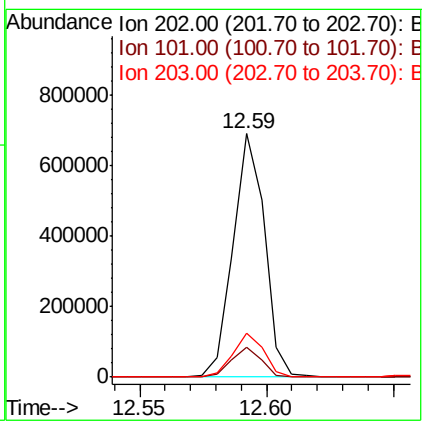


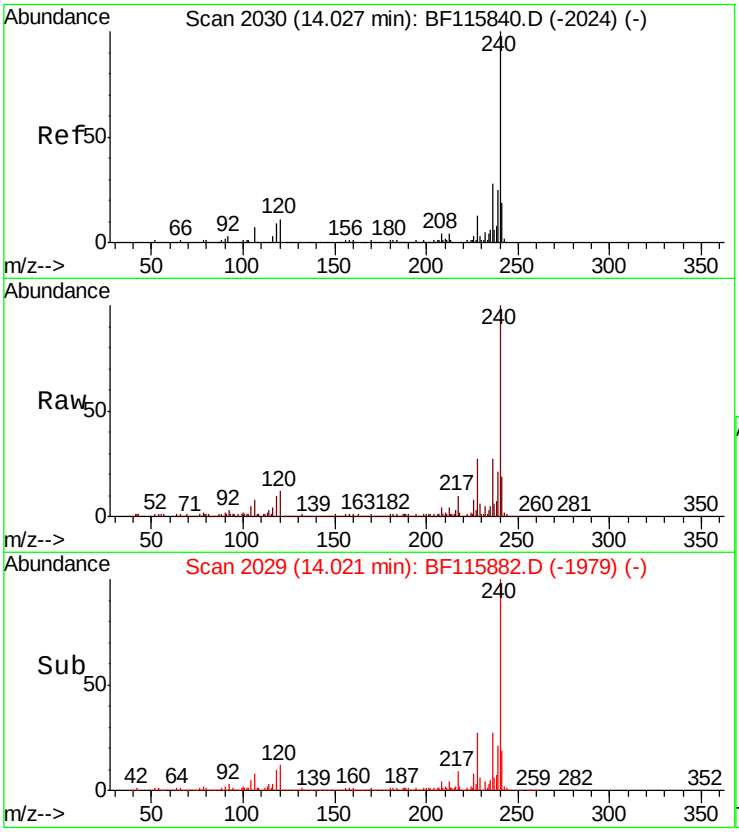


#75
Fluoranthene
Concen: 33.303 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:202 Resp: 598014

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
203	18.0	0.0	37.9



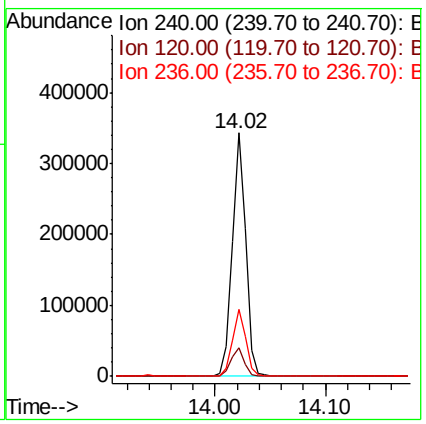


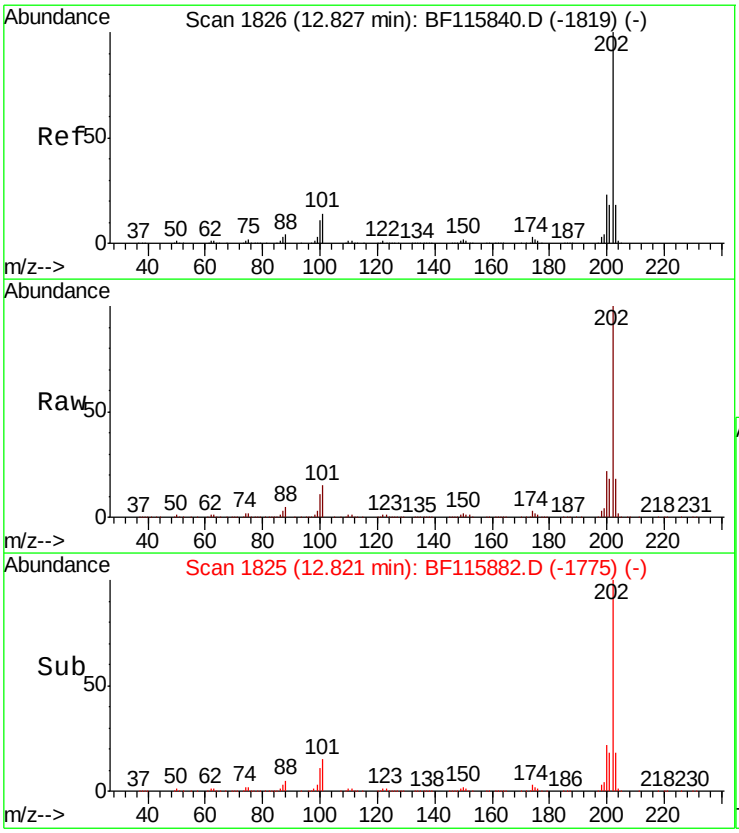
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:240 Resp: 296860

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.5	12.7
236	27.3	22.2	33.2

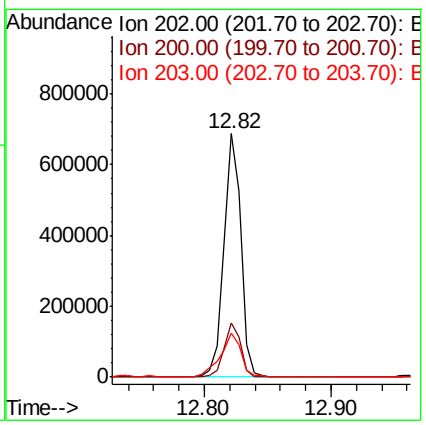


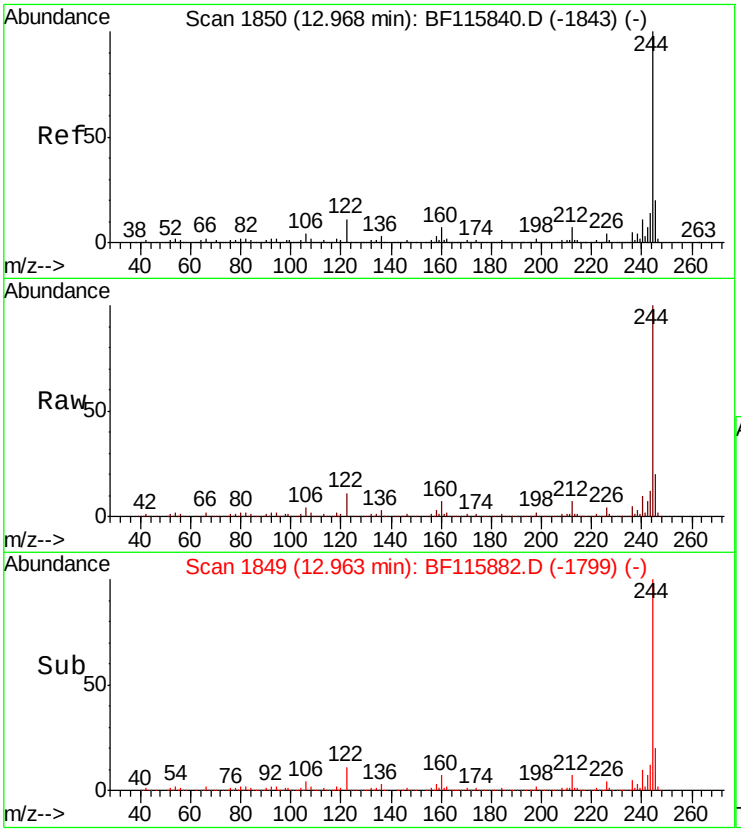


#78
Pyrene
Concen: 28.382 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:202 Resp: 635129

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.2
203	18.2	14.3	21.5



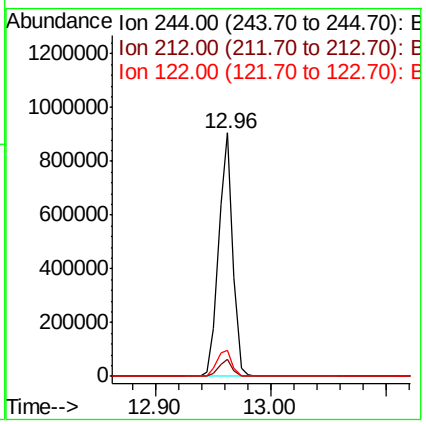


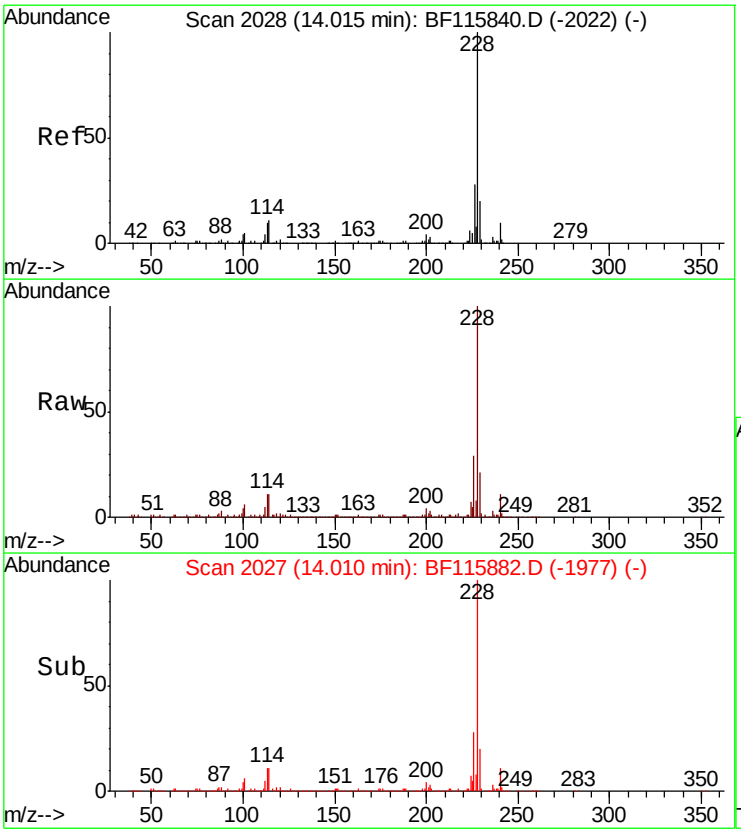
#79
Terphenyl-d14
Concen: 54.103 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:244 Resp: 762213

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	8.6	13.0

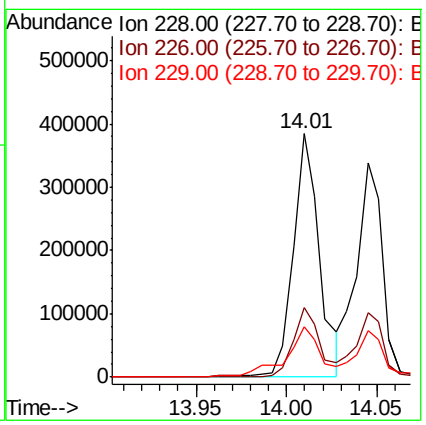


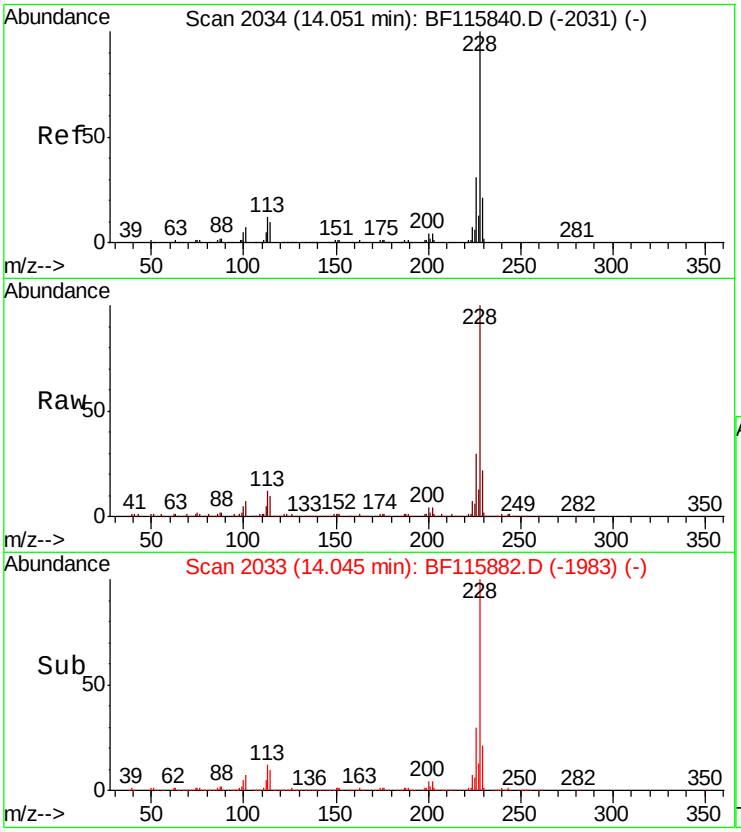


#81
Benzo(a)anthracene
Concen: 20.527 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:228 Resp: 389480

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.6	16.1	24.1



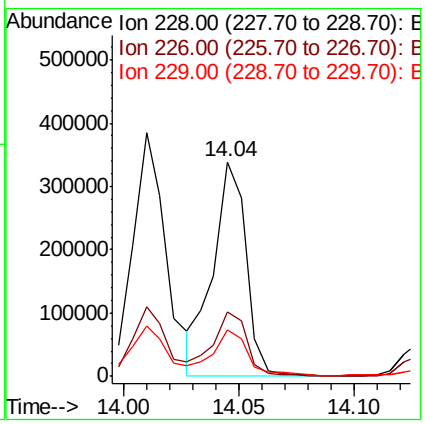


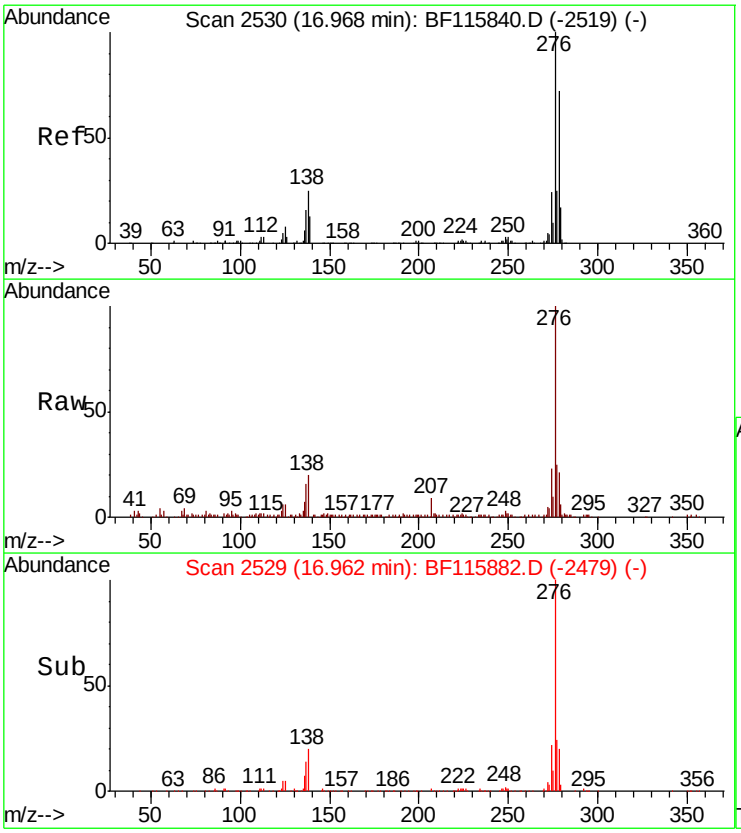
#83
Chrysene
Concen: 18.315 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:228 Resp: 337384

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	21.6	16.4	24.6

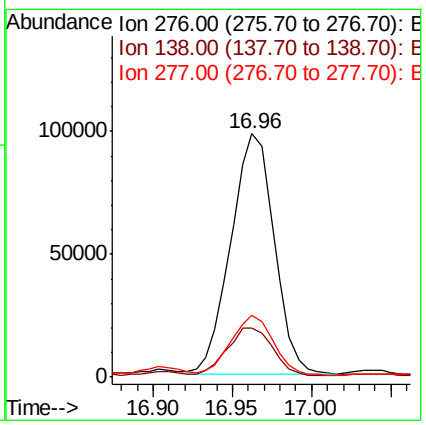


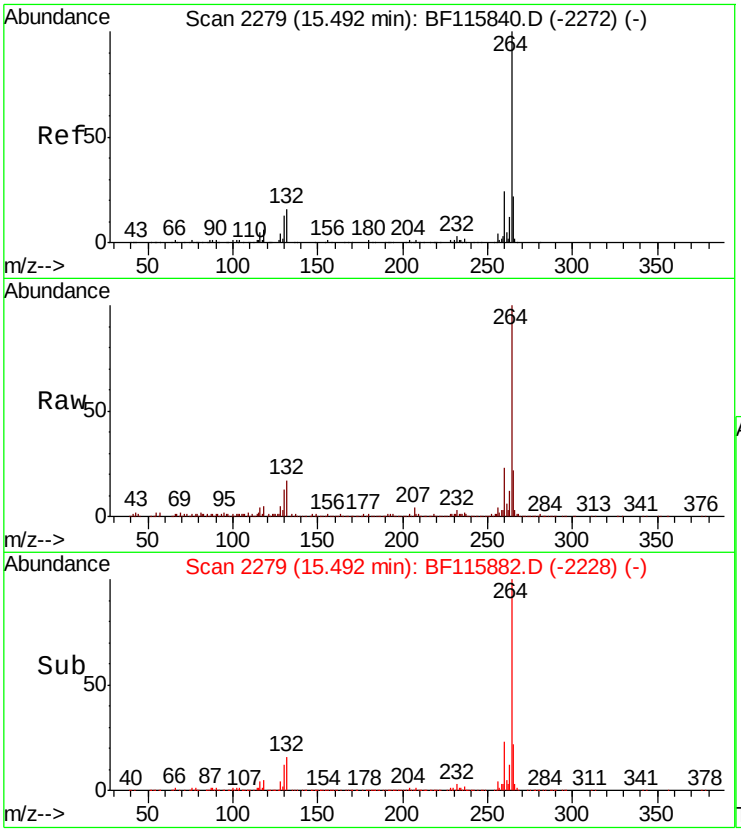


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.990 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:276 Resp: 185500

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.6	29.4
277	24.6	20.1	30.1



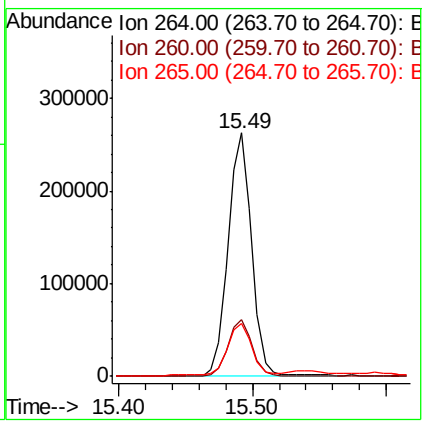


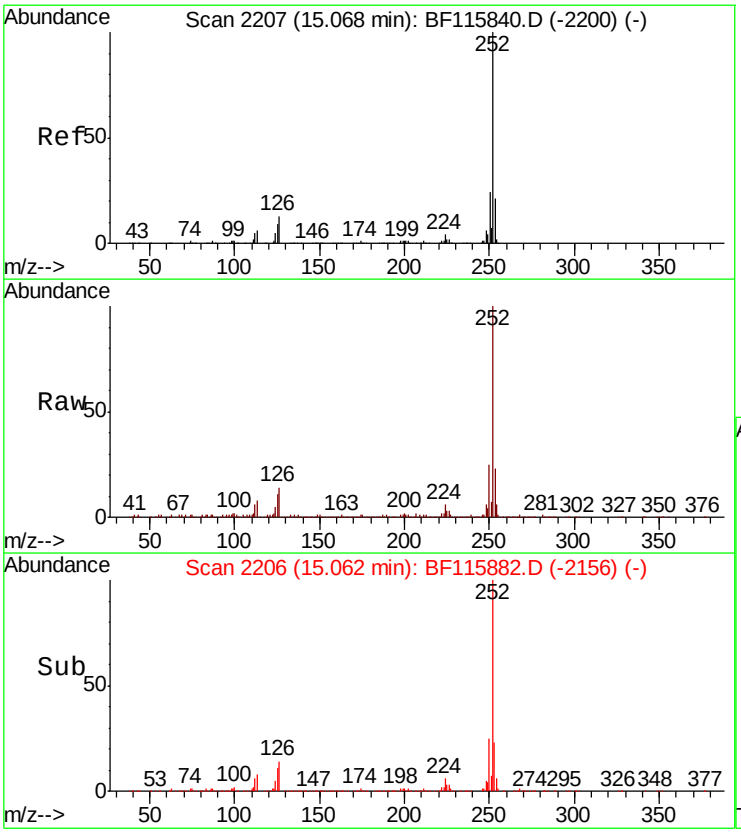
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:264 Resp: 323144

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.9	17.5	26.3

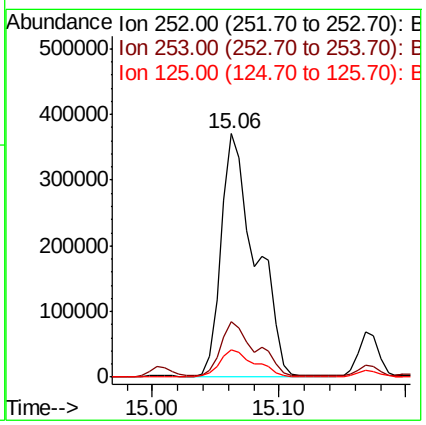


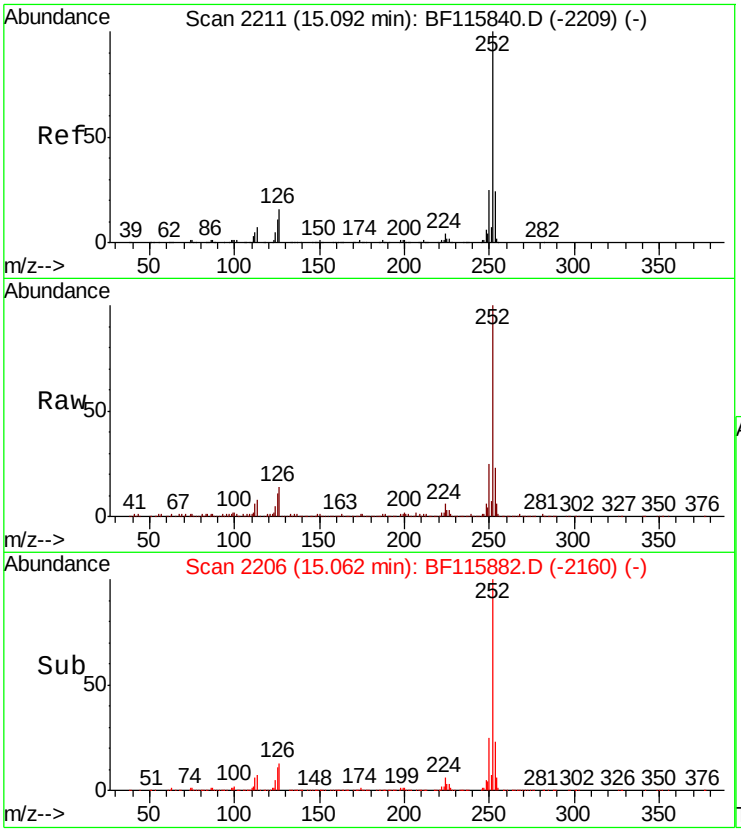


#88
Benzo(b)fluoranthene
Concen: 37.458 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:252 Resp: 699893

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.2	7.4	11.0#



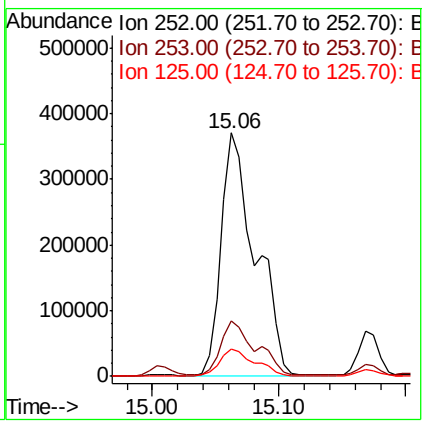


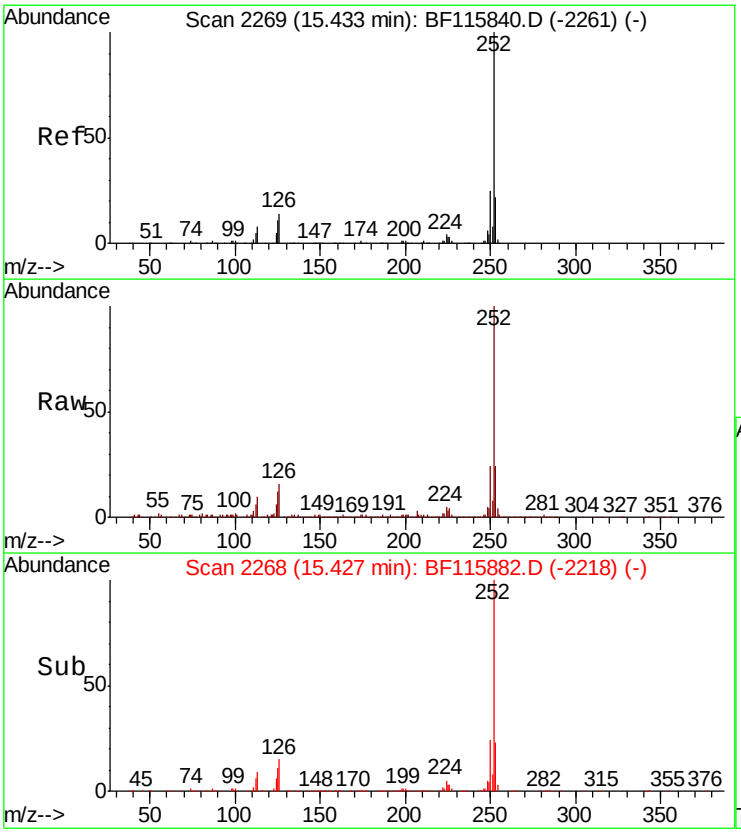
#89
Benzo(k)fluoranthene
Concen: 38.458 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:252 Resp: 699893

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.2	8.9	13.3

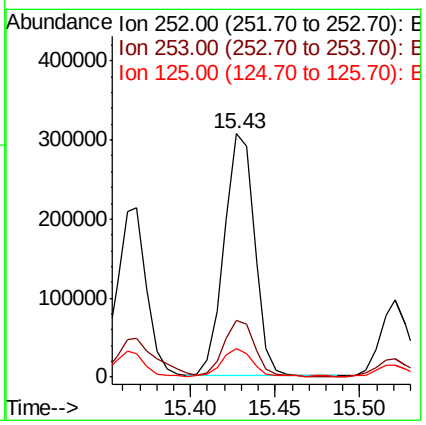


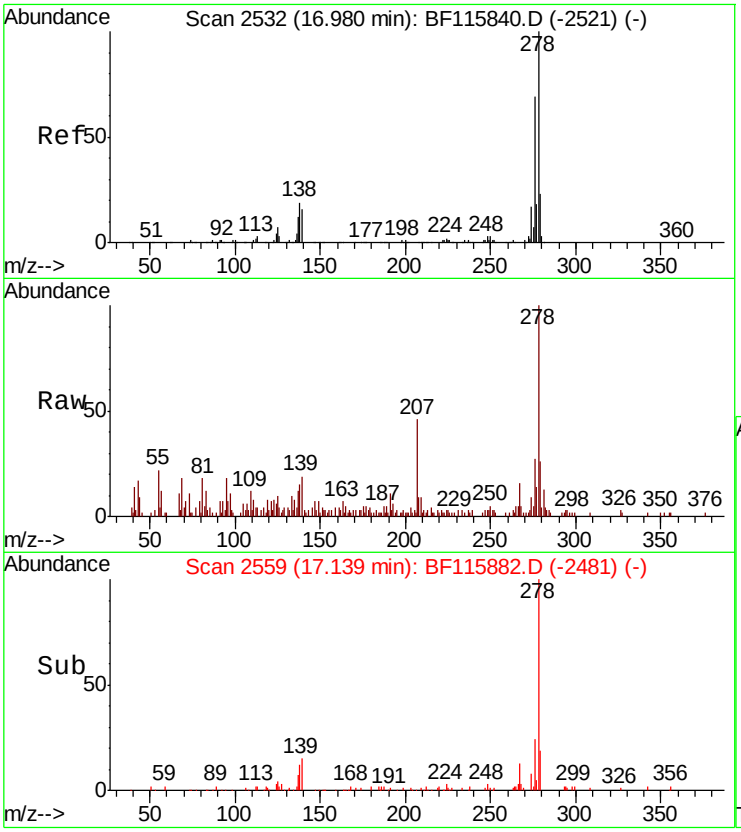


#90
Benzo(a)pyrene
Concen: 23.006 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:252 Resp: 384264

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.9	8.8	13.2



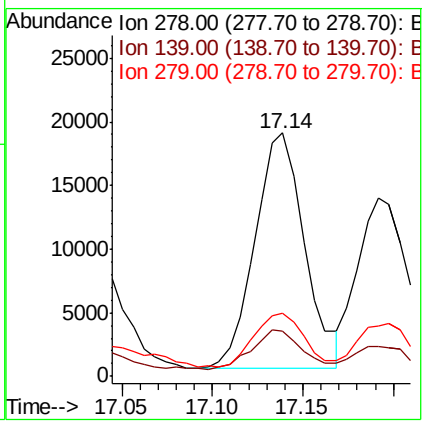


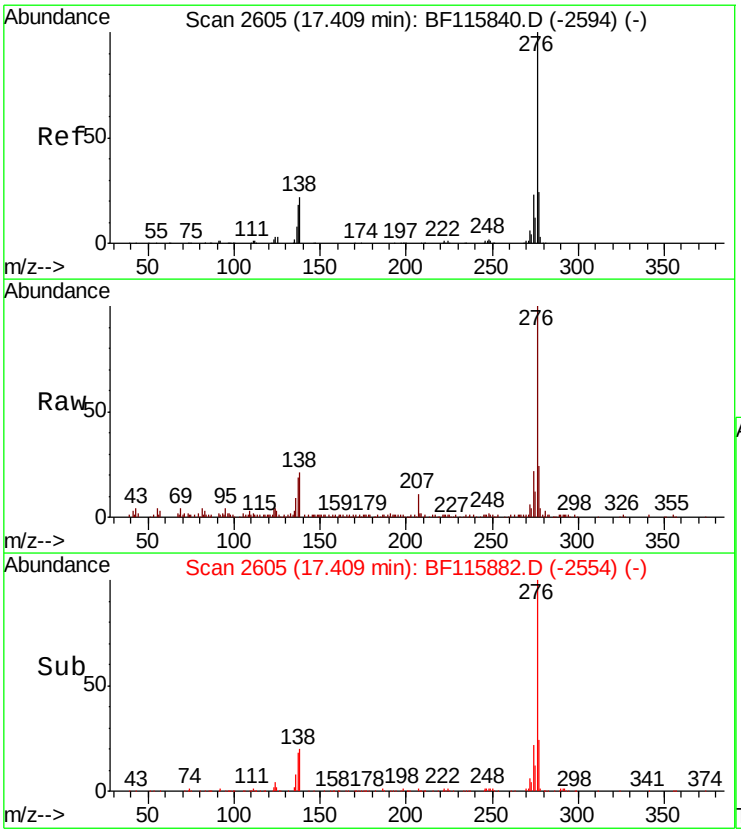
#91
Dibenzo(a,h)anthracene
Concen: 2.434 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.16 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:278 Resp: 35185

Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.6	19.0
279	25.8	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 12.689 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115882.D
Acq: 31 Jul 2019 22:33

Tgt Ion:276 Resp: 180177

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.7	17.8	26.8