Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113338.D
Acq On : 27 Mar 2019 18:41
Operator : JU/SJ
Sample : K2097-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-21

Quant Time: Mar 28 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180585	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	661491	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	318754	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	569834	20.00	ng		0.00
76) Chrysene-d12	13.84	240	421918	20.00	ng		0.00
87) Perylene-d12	15.24	264	418558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	911202	82.51	ng		0.00
7) Phenol-d6	6.35	99	1213603	86.86	ng		0.00
23) Nitrobenzene-d5	7.26	82	775665	69.60	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	306768	77.91	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1290758	57.83	ng		0.00
79) Terphenyl-d14	12.79	244	1047696	54.73	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	97751	11.138	ng	#	77
20) 3+4-Methylphenols	7.15	107	5408	Below Cal			85
25) Isophorone	7.26	82	764789	35.410	ng	#	64
31) Naphthalene	8.00	128	129602	4.009	ng		97
37) 2-Methylnaphthalene	8.70	142	64246	3.185	ng		99
49) Acenaphthylene	9.59	152	91110	2.749	ng		99
50) Dimethylphthalate	9.45	163	116927	4.950	ng		99
55) Dibenzofuran	9.93	168	57649	2.055	ng	#	95
67) 4-Bromophenyl-phenylether	10.52	248	17777	2.862	ng	#	1
71) Phenanthrene	11.23	178	212583	7.512	ng		98
72) Anthracene	11.29	178	141499	4.923	ng		97
73) Carbazole	11.44	167	128328	4.679	ng		97
75) Fluoranthene	12.42	202	636955	19.911	ng		100
78) Pyrene	12.64	202	588105	20.115	ng		98
81) Benzo(a)anthracene	13.86	228	561654	23.256	ng		94
83) Chrysene	13.86	228	561654	22.896	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	241089	11.451	ng		98
88) Benzo(b)fluoranthene	14.85	252	1029976	39.613	ng		98
89) Benzo(k)fluoranthene	14.85	252	1029976	45.108	ng	#	97
90) Benzo(a)pyrene	15.19	252	245227	10.639	ng		96
91) Dibenzo(a,h)anthracene	16.80	278	59351	2.978	ng		93
92) Benzo(g,h,i)perylene	17.00	276	210537	10.476	ng		97

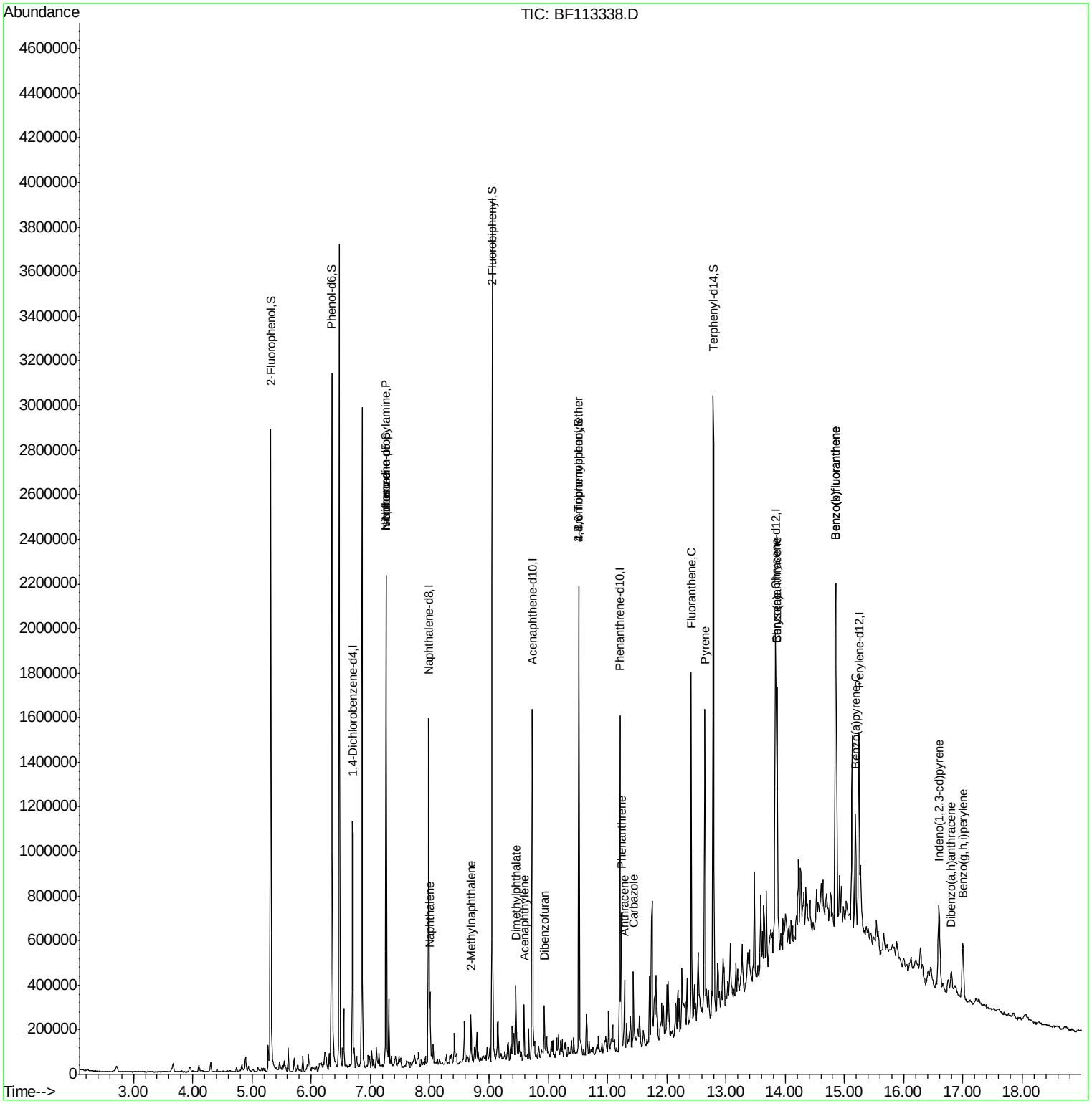
(#) = qualifier out of range (m) = manual integration (+) = signals summed

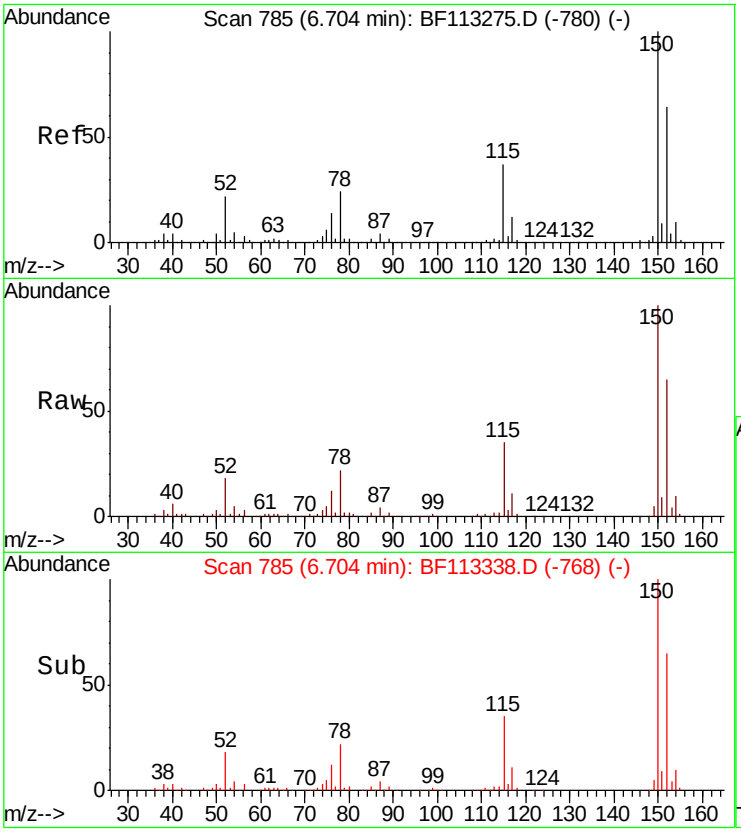
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113338.D
Acq On : 27 Mar 2019 18:41
Operator : JU/SJ
Sample : K2097-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-21

Quant Time: Mar 28 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



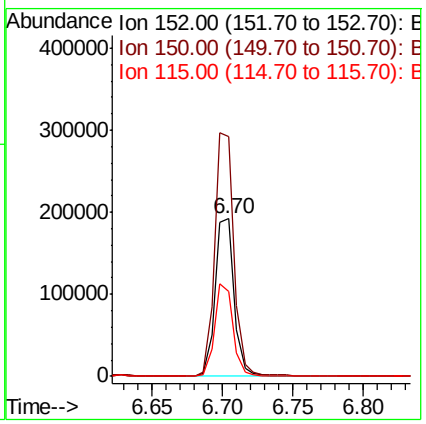


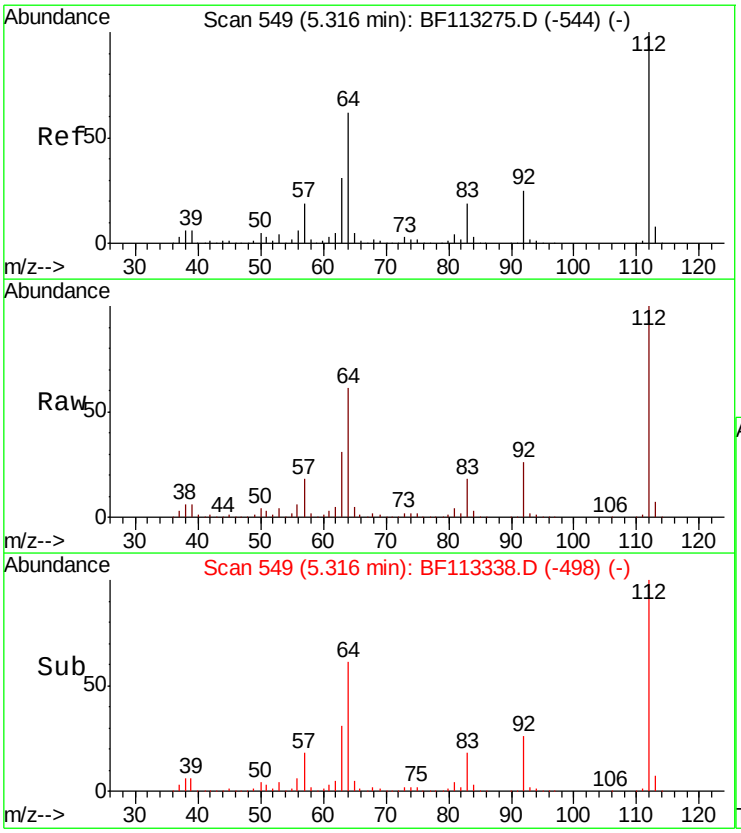
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:152 Resp: 180585

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.7	187.1
115	53.8	46.0	69.0

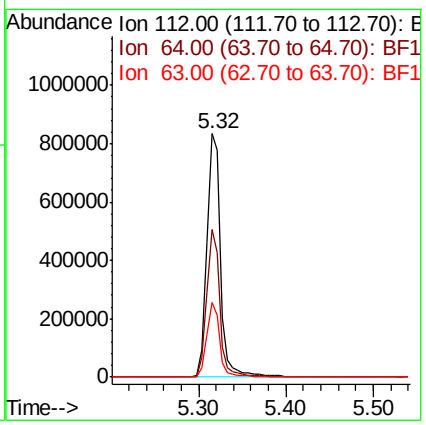


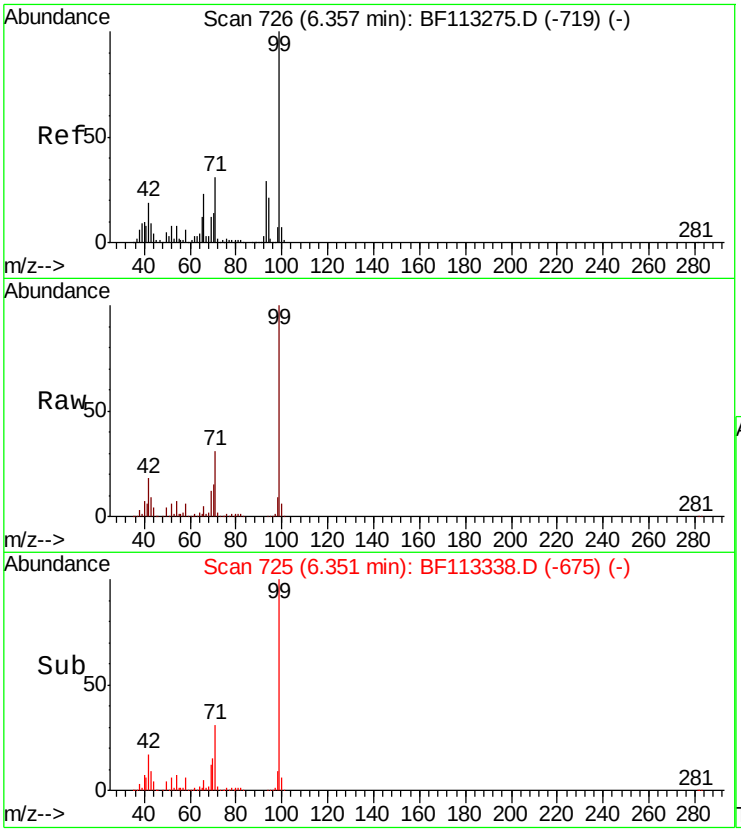


#5
2-Fluorophenol
Concen: 82.505 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:112 Resp: 911202

Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.2	73.8
63	30.7	24.9	37.3



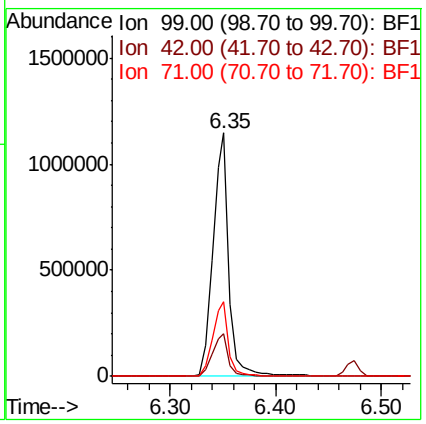


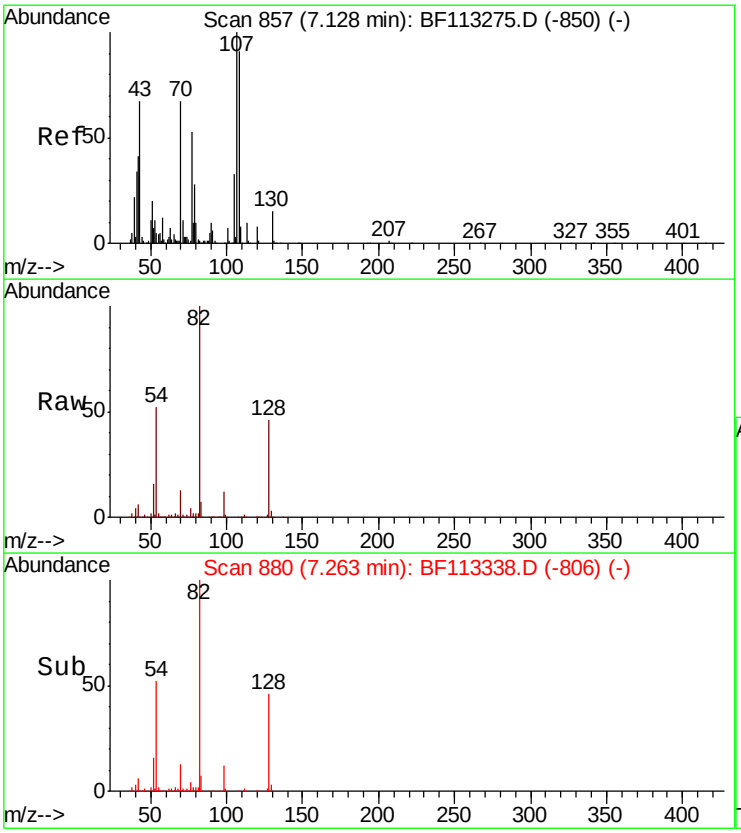
#7
Phenol-d6
Concen: 86.863 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion: 99 Resp: 1213603

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	30.9	24.9	37.3

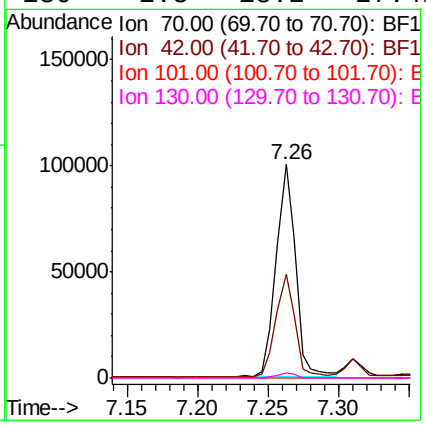


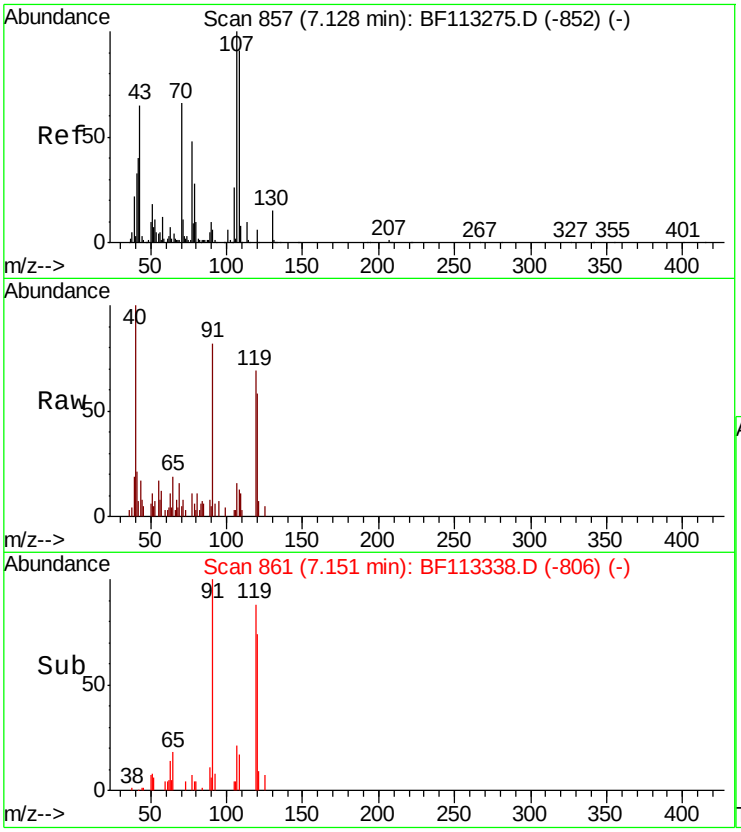


#19
n-Nitroso-di-n-propylamine
Concen: 11.138 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion: 70 Resp: 97751

Ion	Ratio	Lower	Upper
70	100		
42	48.7	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



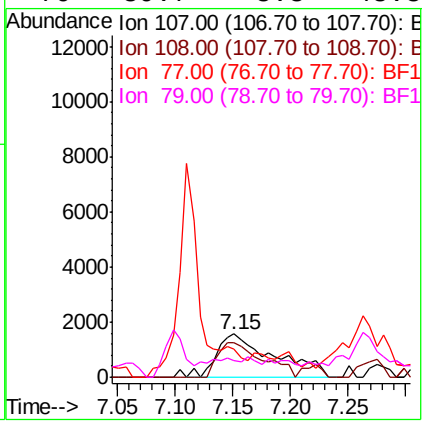


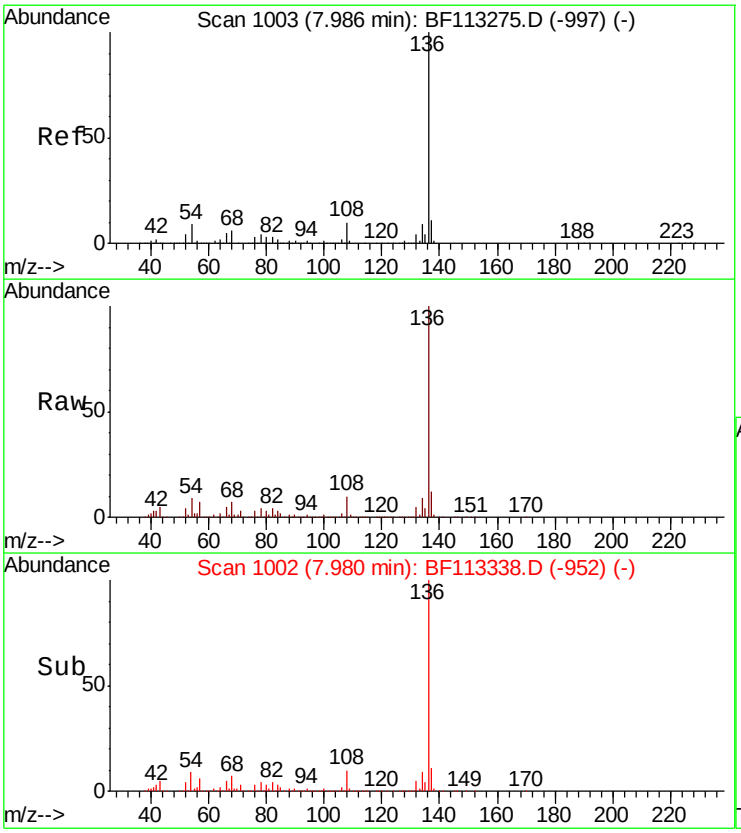
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:107 Resp: 5408

Ion	Ratio	Lower	Upper
107	100		
108	80.4	71.4	111.4
77	66.5	33.5	73.5
79	39.7	8.3	48.3

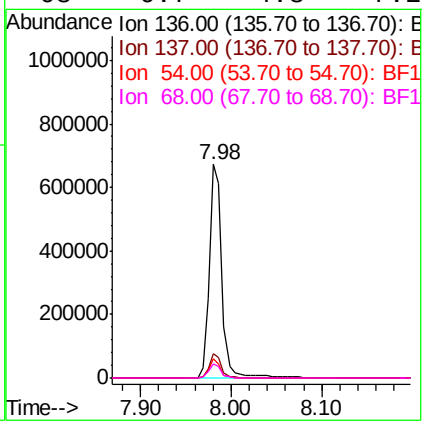


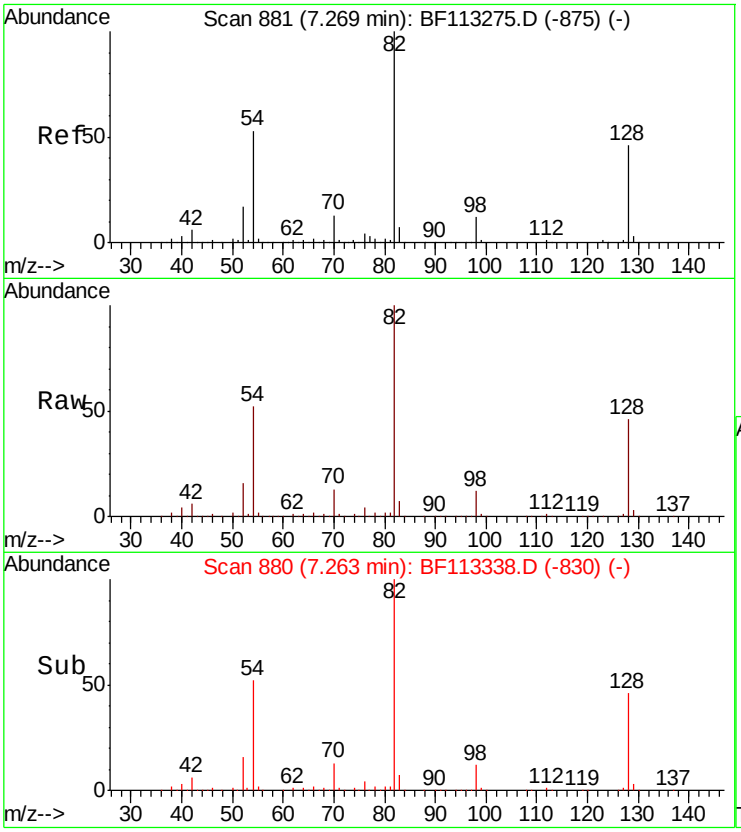


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:136 Resp: 661491

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.8	7.0	10.6
68	6.7	4.8	7.2



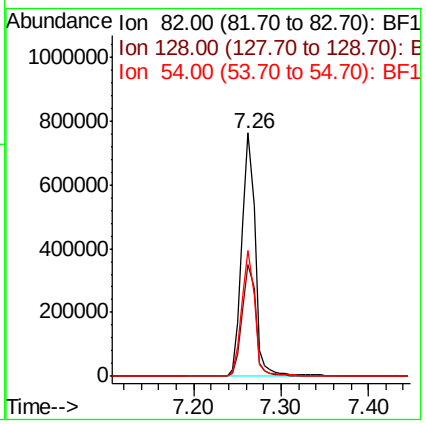


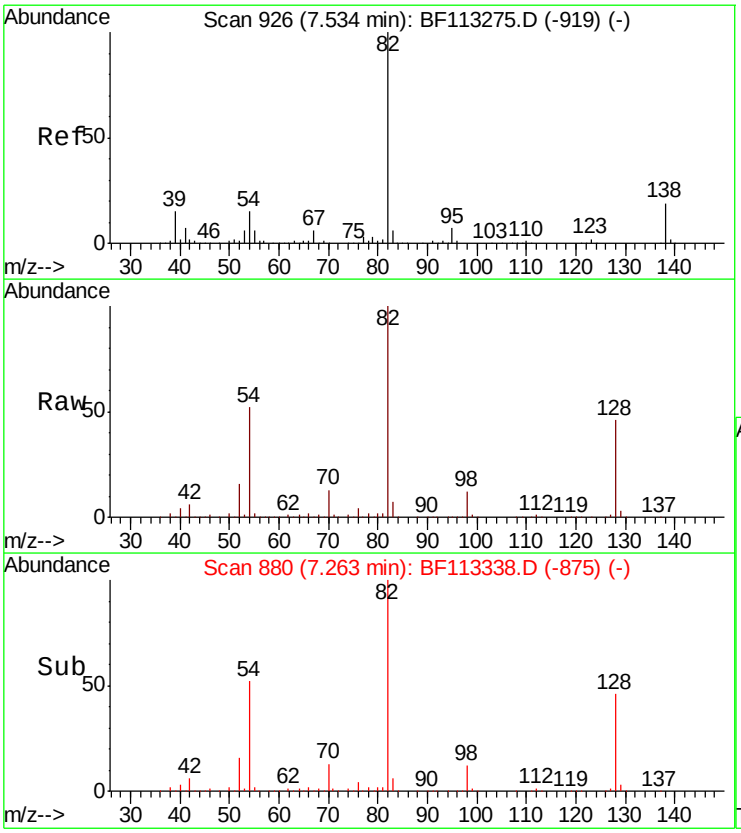
#23
Nitrobenzene-d5
Concen: 69.599 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion: 82 Resp: 775665

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	51.6	42.2	63.2

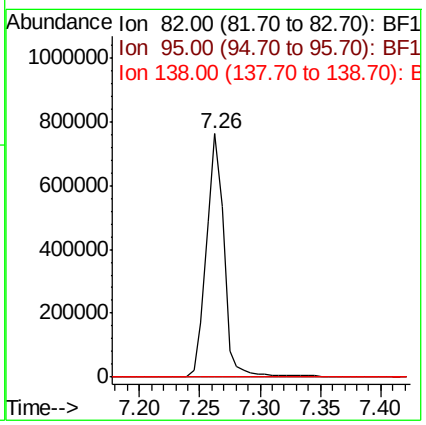


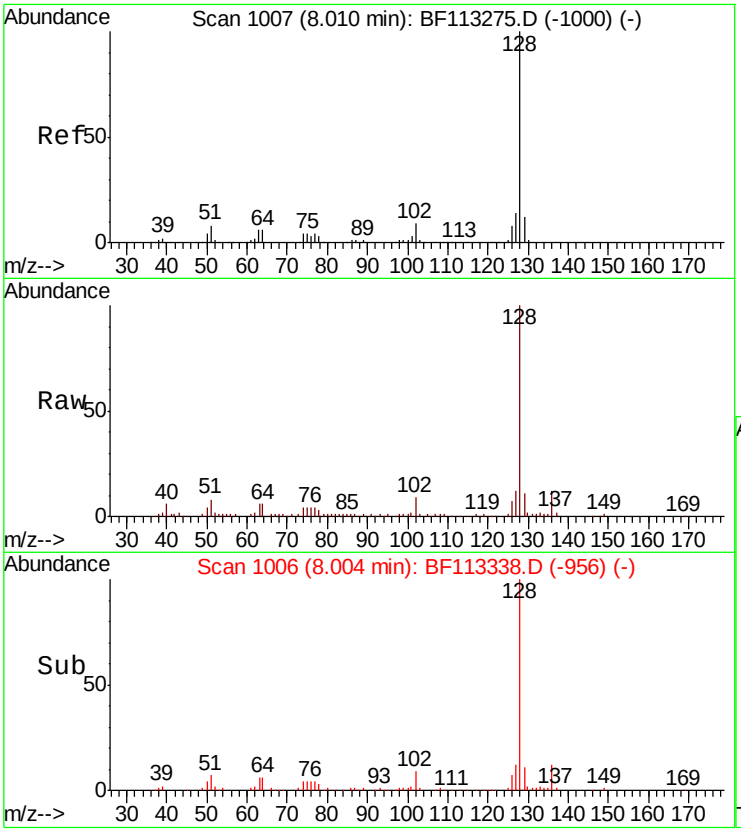


#25
Isophorone
Concen: 35.410 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion: 82 Resp: 764789

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	15.2	22.8#



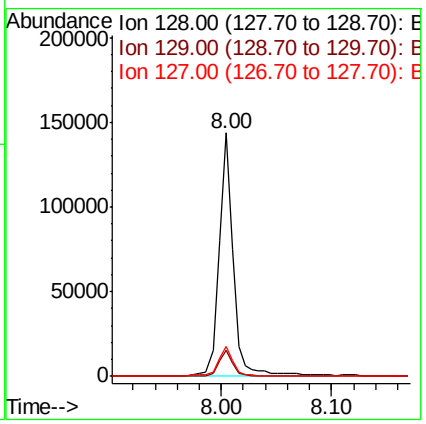


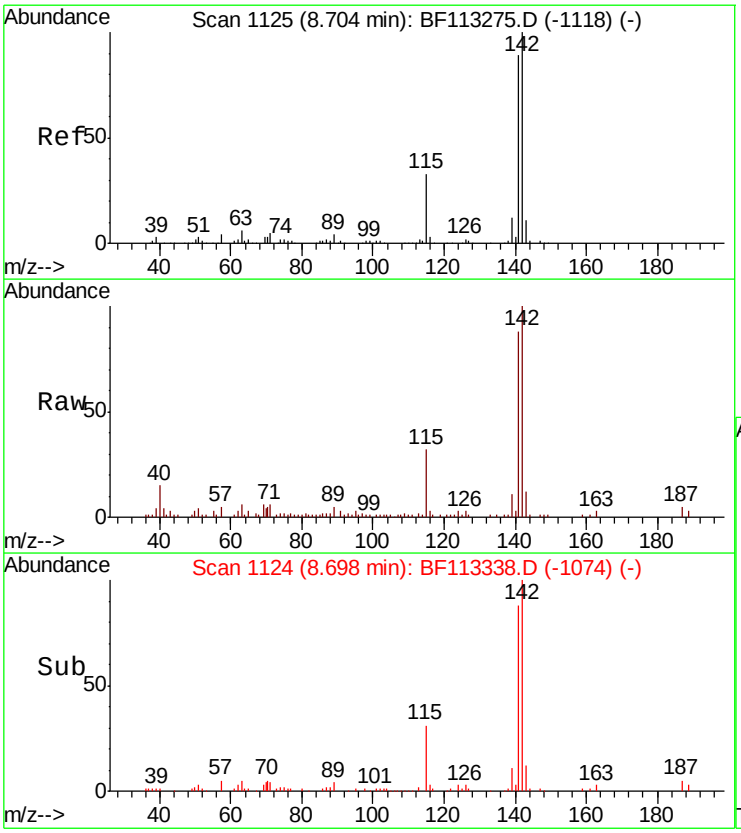
#31
Naphthalene
Concen: 4.009 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:128 Resp: 129602

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.3	13.9
127	12.3	10.9	16.3

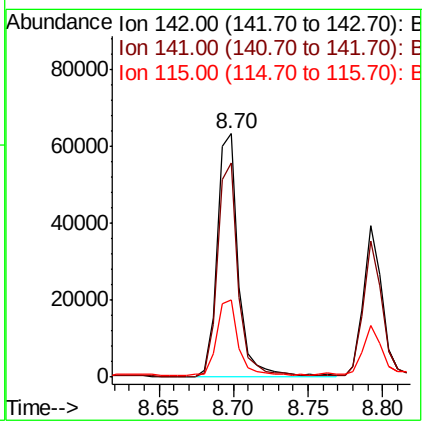


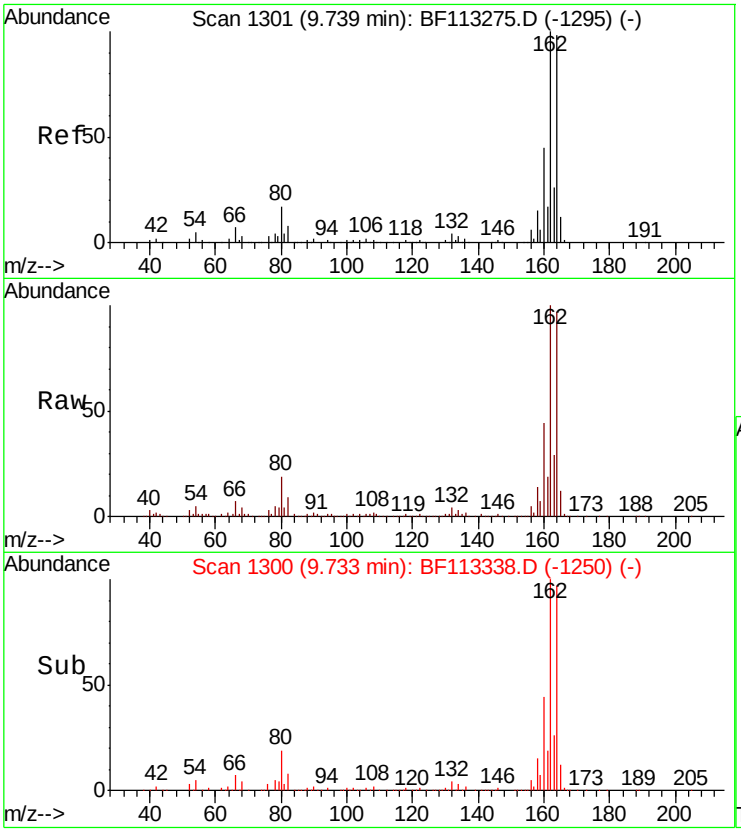


#37
2-Methylnaphthalene
Concen: 3.185 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:142 Resp: 64246

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	31.5	26.6	39.8



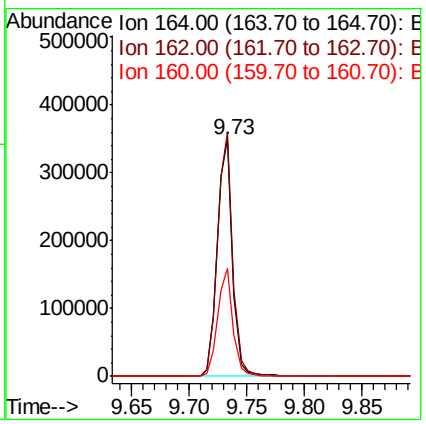


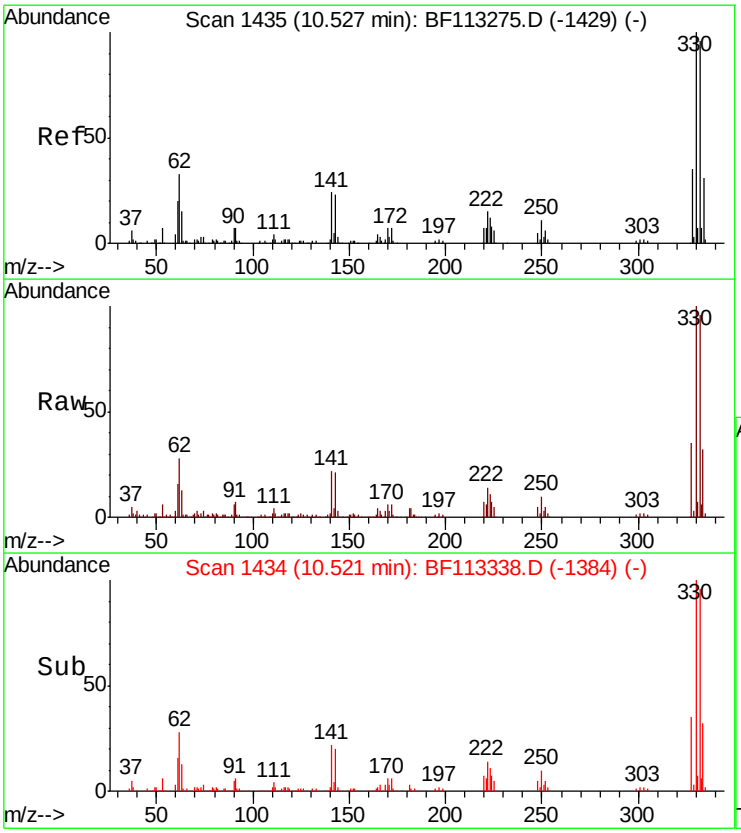
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:164 Resp: 318754

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.3	36.4	54.6

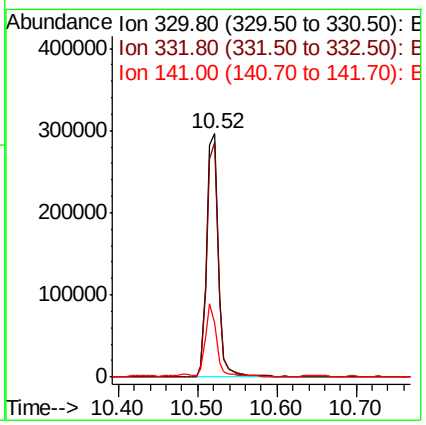


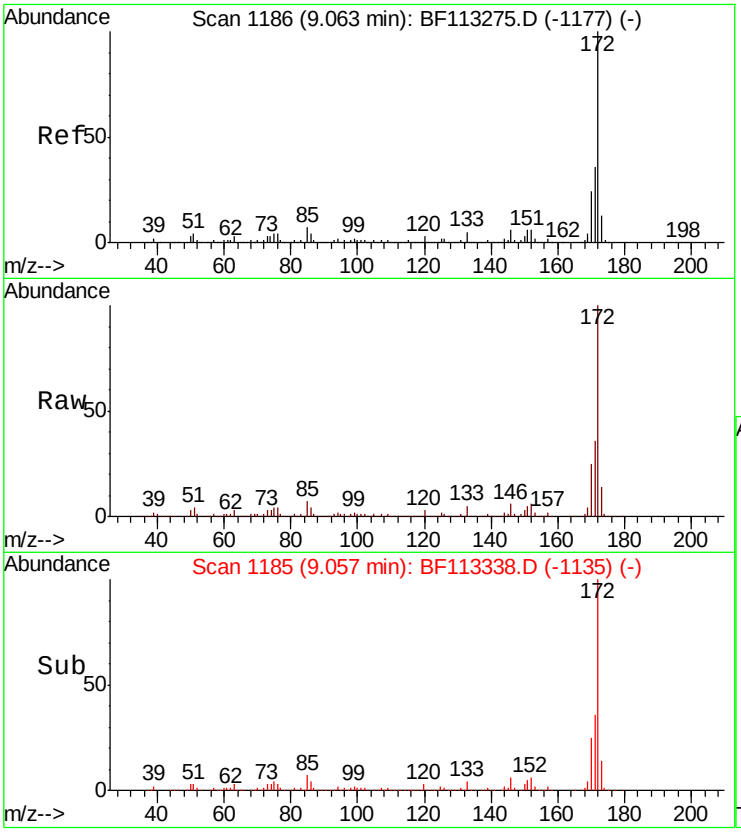


#42
2,4,6-Tribromophenol
Concen: 77.913 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:330 Resp: 306768

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	28.1	22.7	34.1



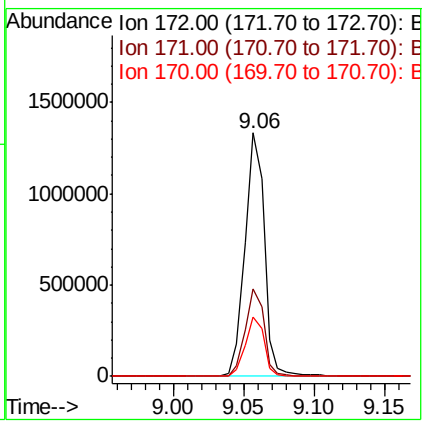


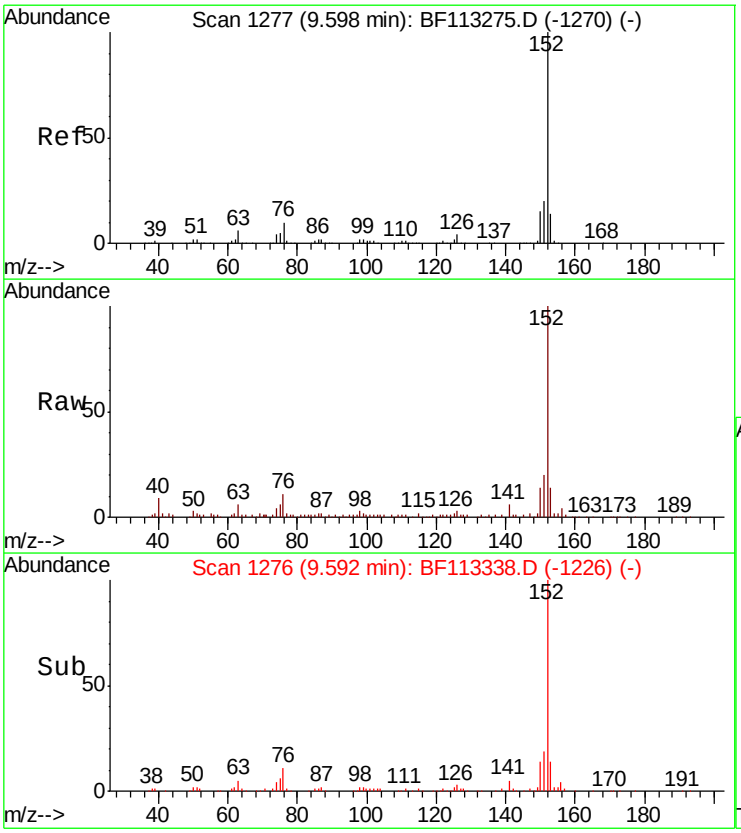
#45
2-Fluorobiphenyl
Concen: 57.831 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:172 Resp: 1290758

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.6	19.5	29.3

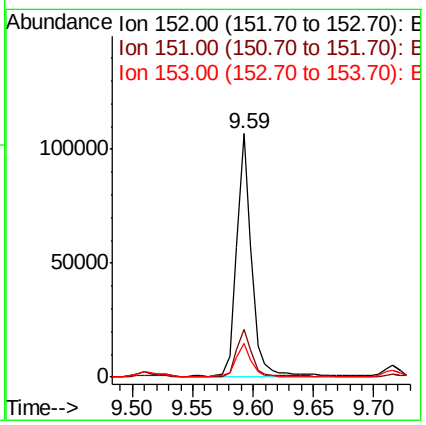


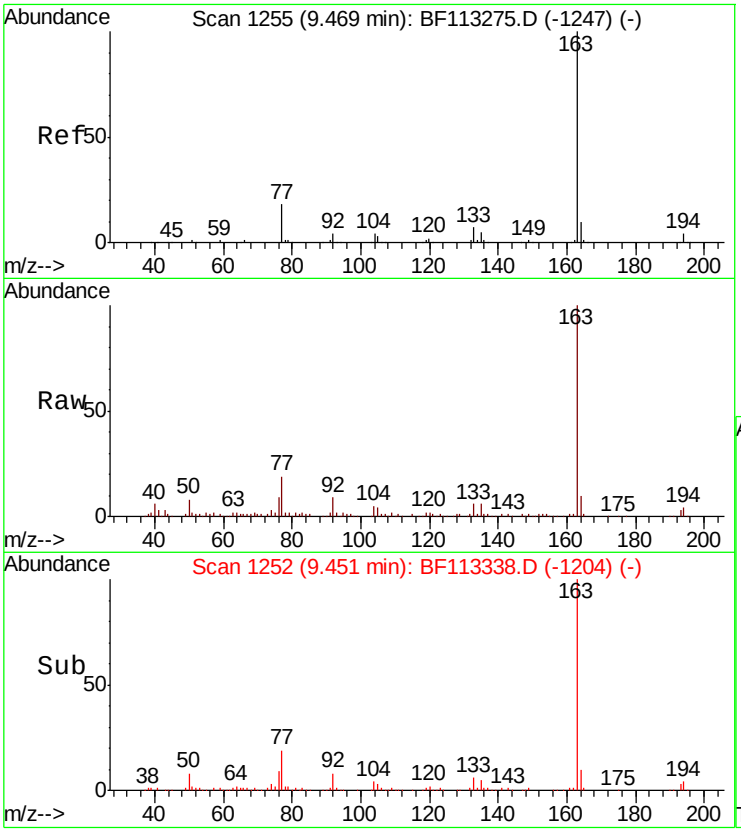


#49
Acenaphthylene
Concen: 2.749 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:152 Resp: 91110

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.8	11.0	16.6



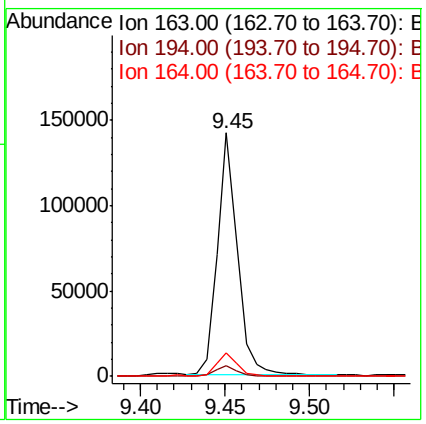


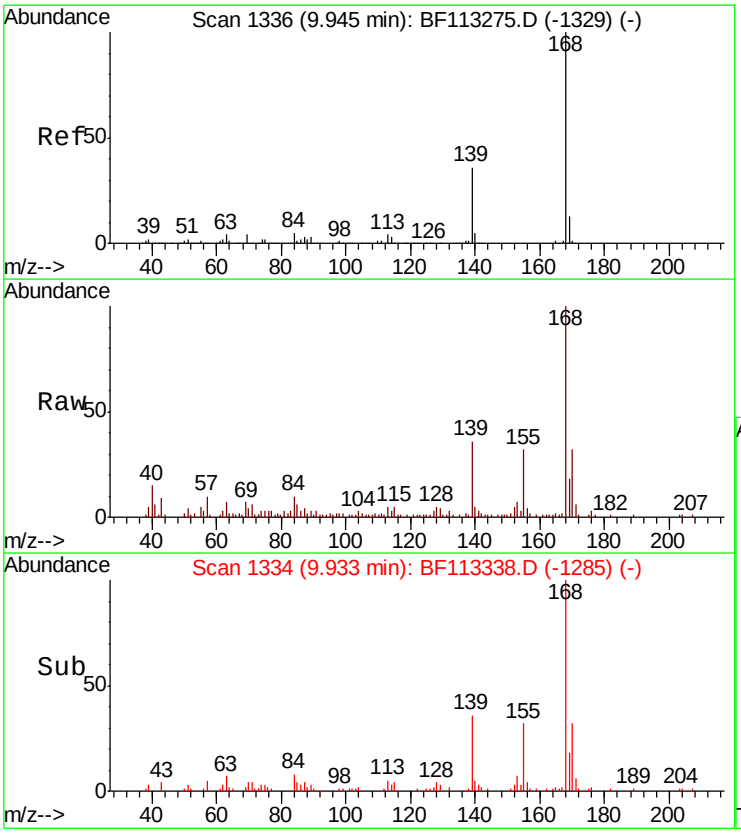
#50
Dimethylphthalate
Concen: 4.950 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:163 Resp: 116927

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.1	12.1

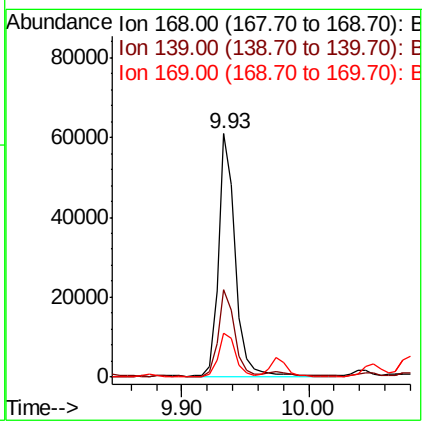


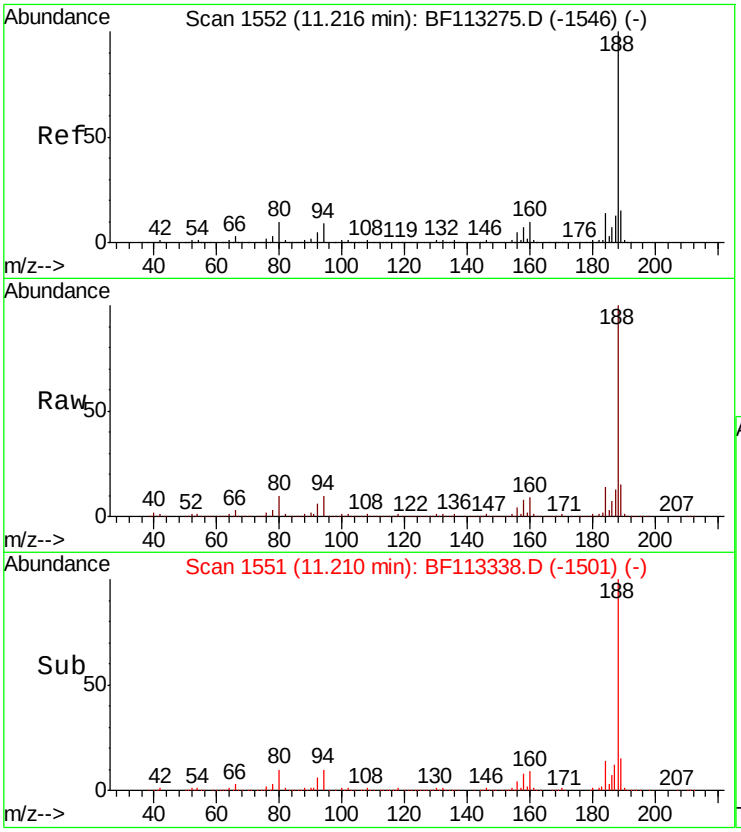


#55
Dibenzofuran
Concen: 2.055 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:168 Resp: 57649

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.7	44.5
169	18.0	10.7	16.1#



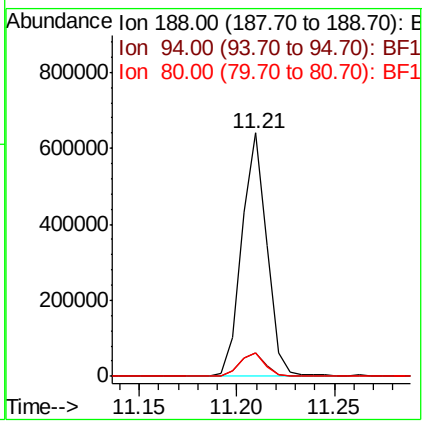


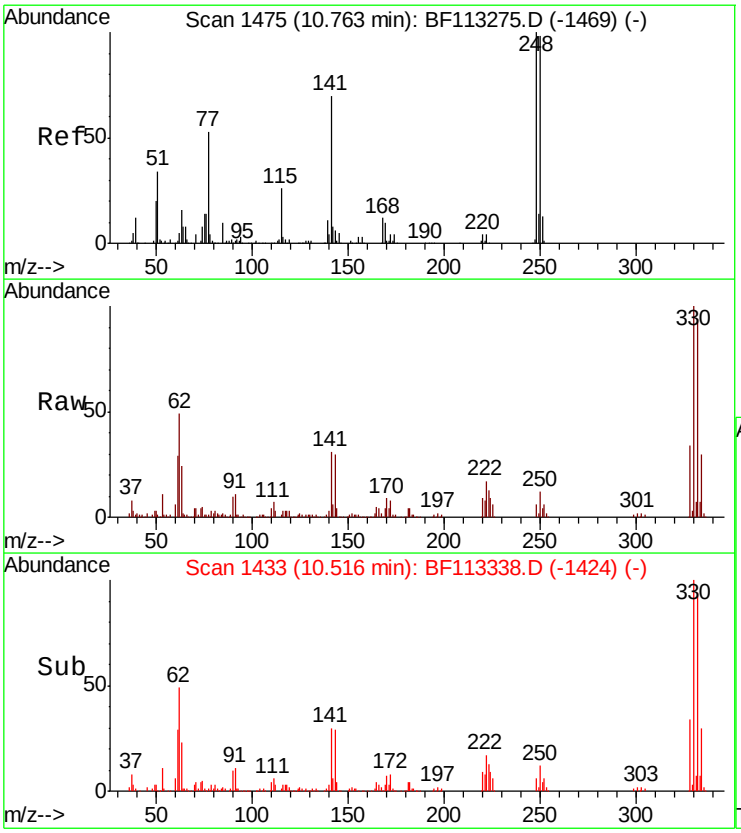
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:188 Resp: 569834

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.6	7.7	11.5

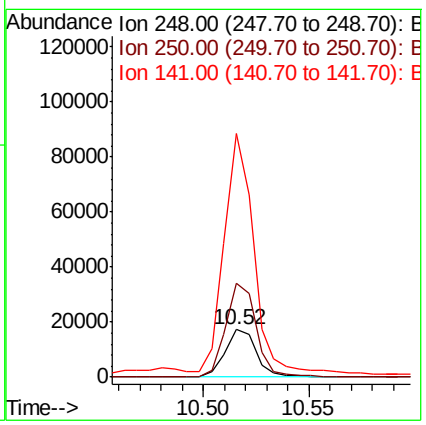


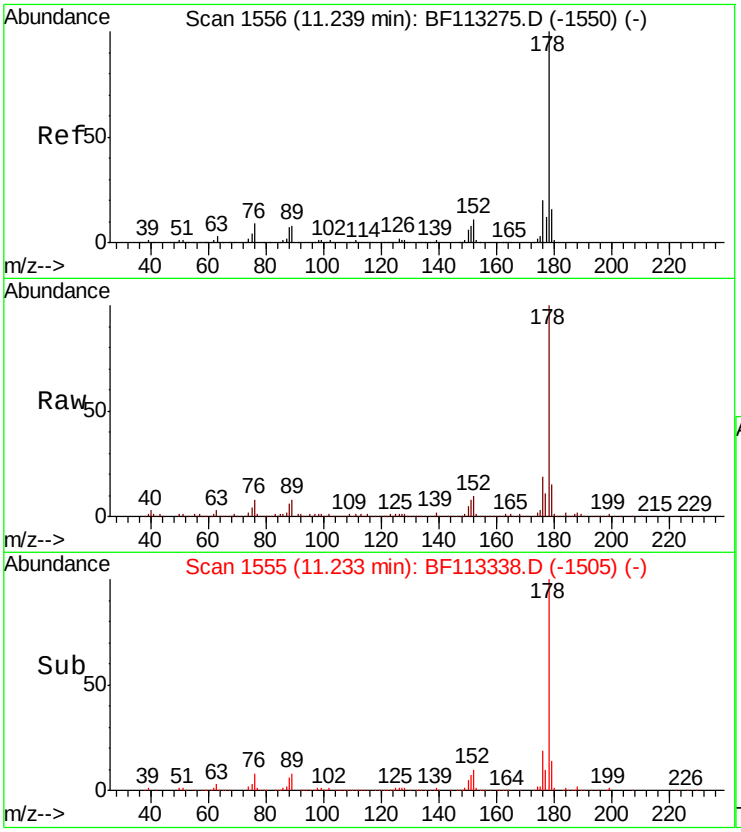


#67
4-Bromophenyl-phenylether
Concen: 2.862 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:248 Resp: 17777

Ion	Ratio	Lower	Upper
248	100		
250	196.4	78.3	117.5#
141	512.5	56.2	84.4#



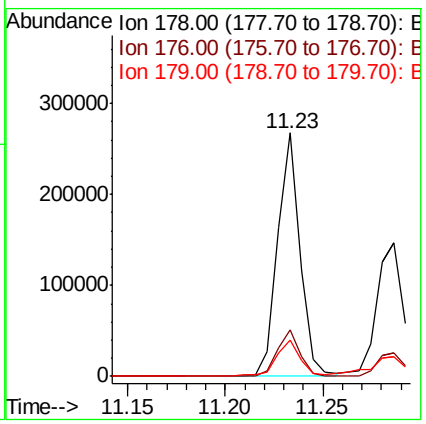


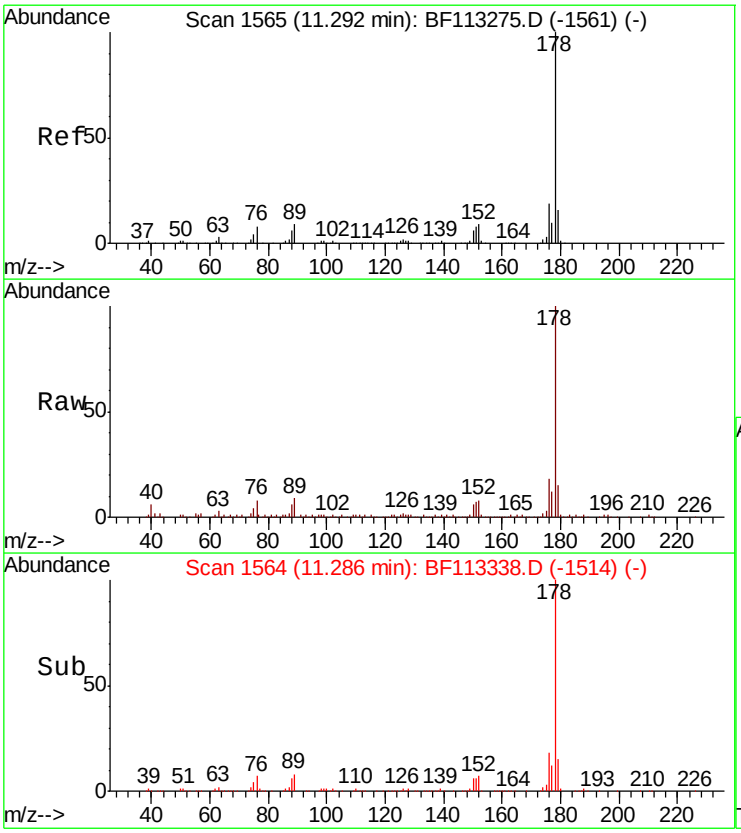
#71
Phenanthrene
Concen: 7.512 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:178 Resp: 212583

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.0	12.7	19.1

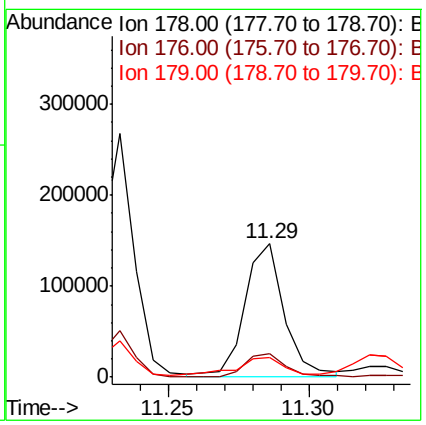


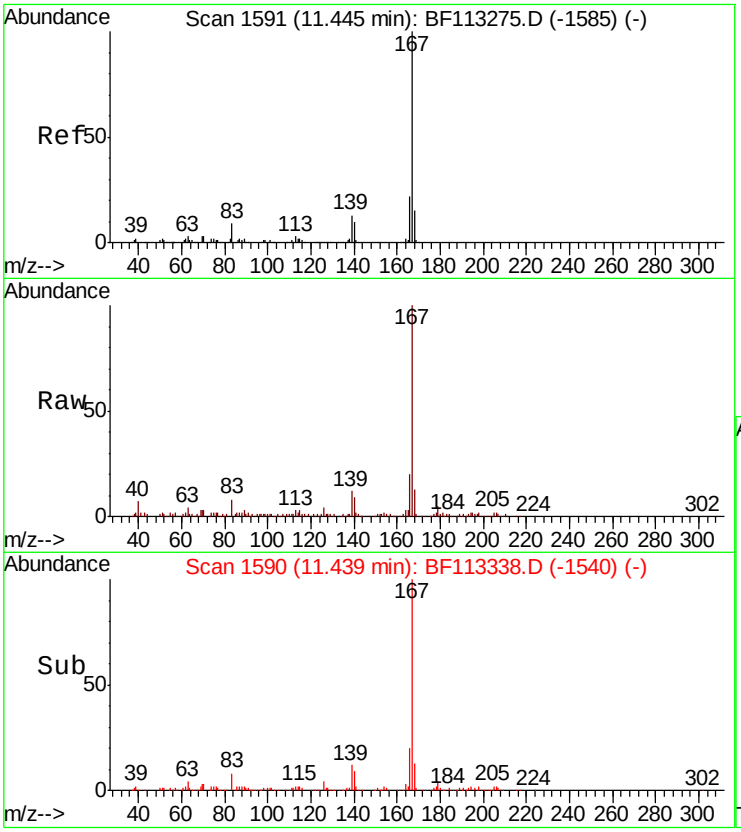


#72
Anthracene
Concen: 4.923 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:178 Resp: 141499

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.2	12.8	19.2



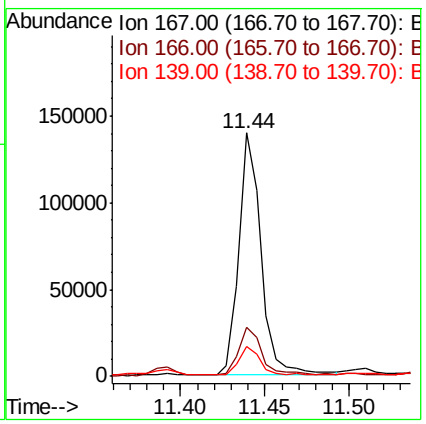


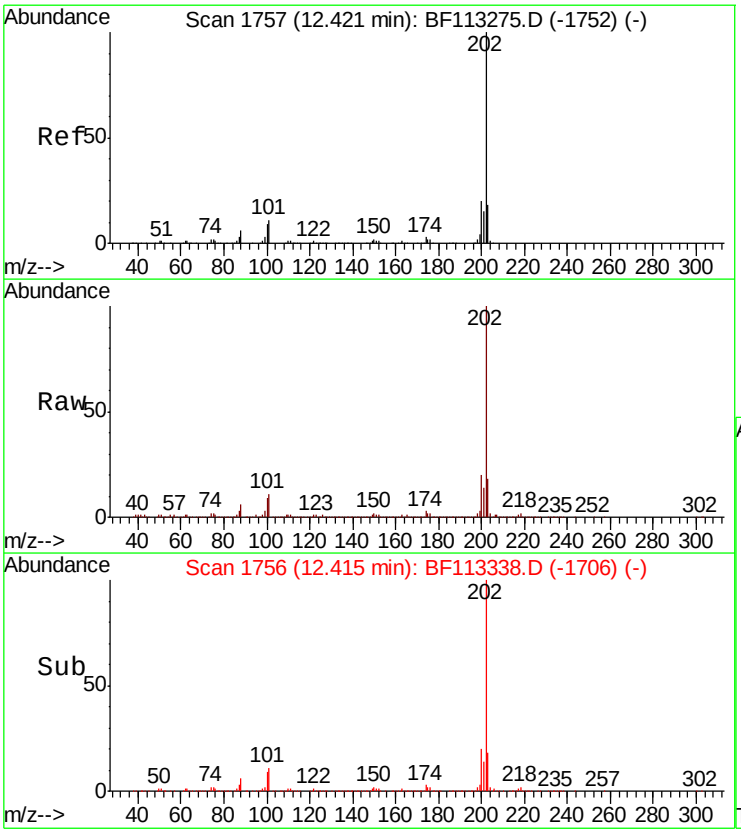
#73
Carbazole
Concen: 4.679 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:167 Resp: 128328

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.4	26.0
139	12.4	10.4	15.6

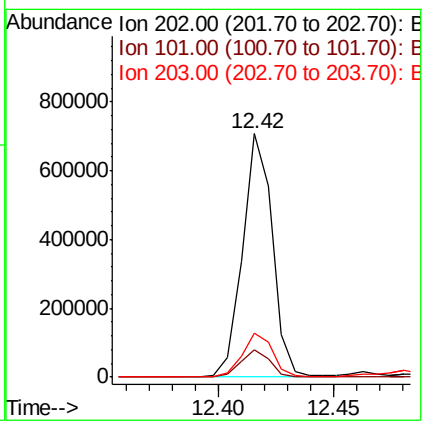


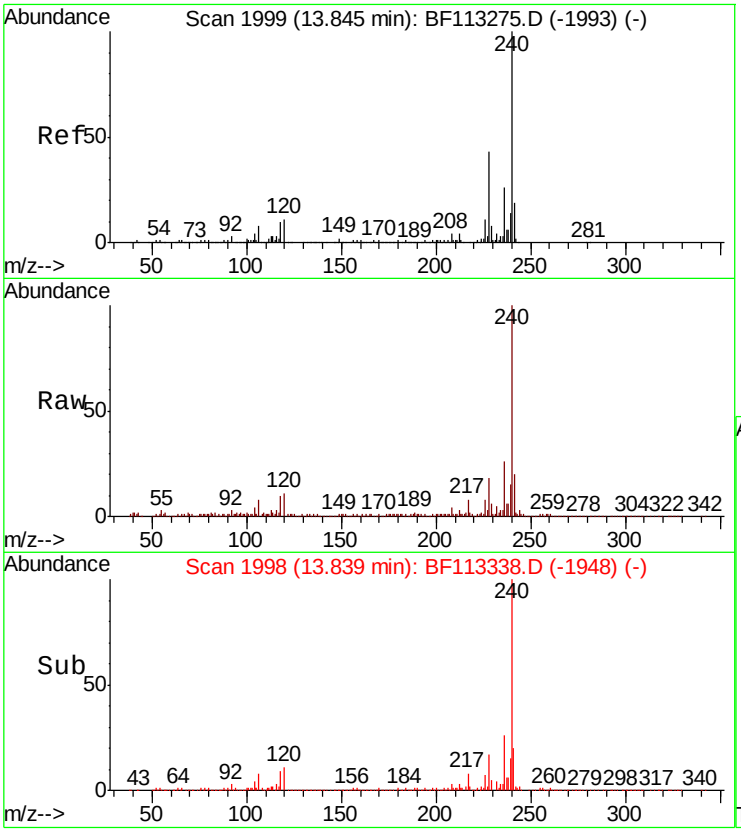


#75
Fluoranthene
Concen: 19.911 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:202 Resp: 636955

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	38.0



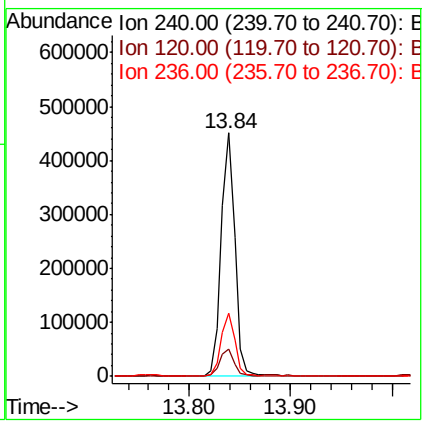


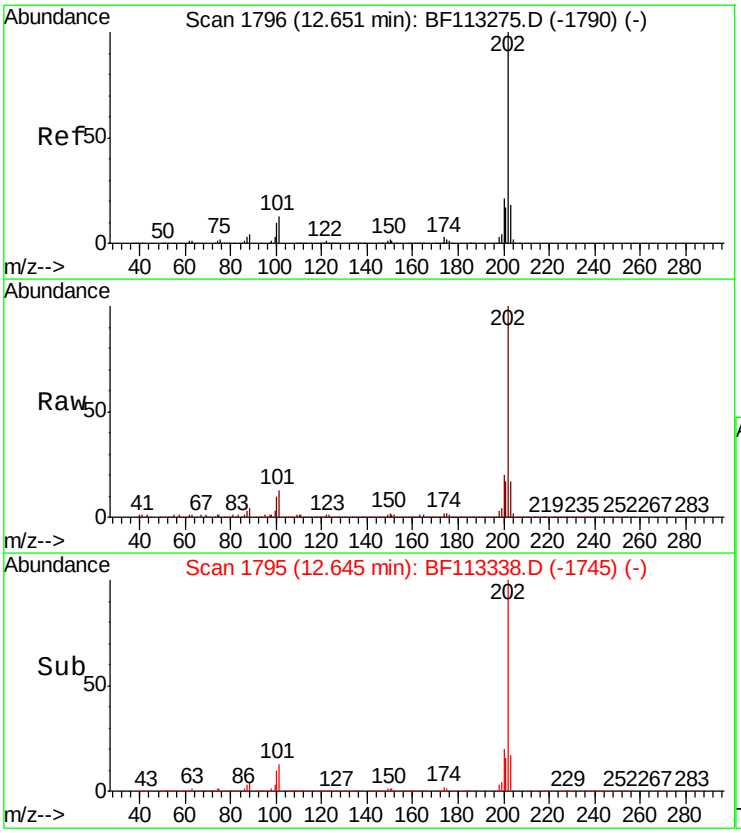
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:240 Resp: 421918

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.8	13.2
236	26.2	20.9	31.3

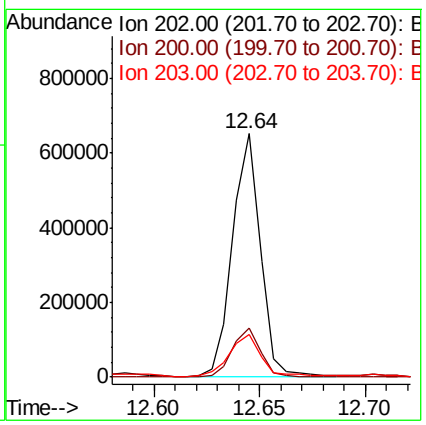


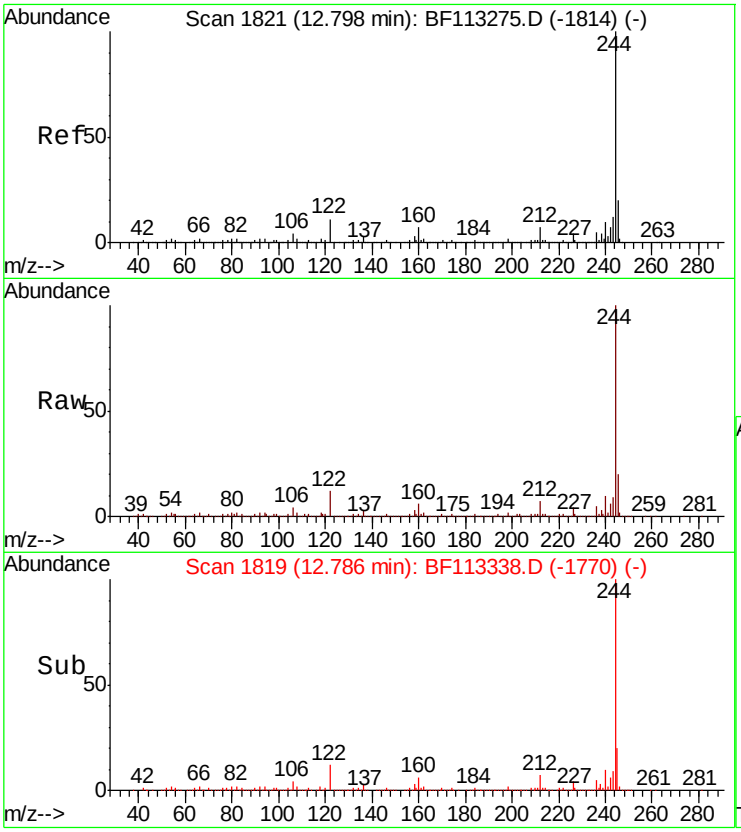


#78
Pyrene
Concen: 20.115 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:202 Resp: 588105

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	17.4	14.4	21.6



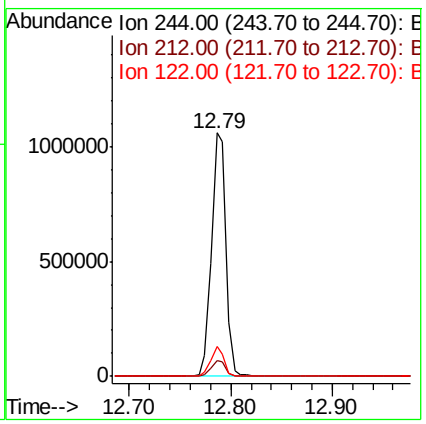


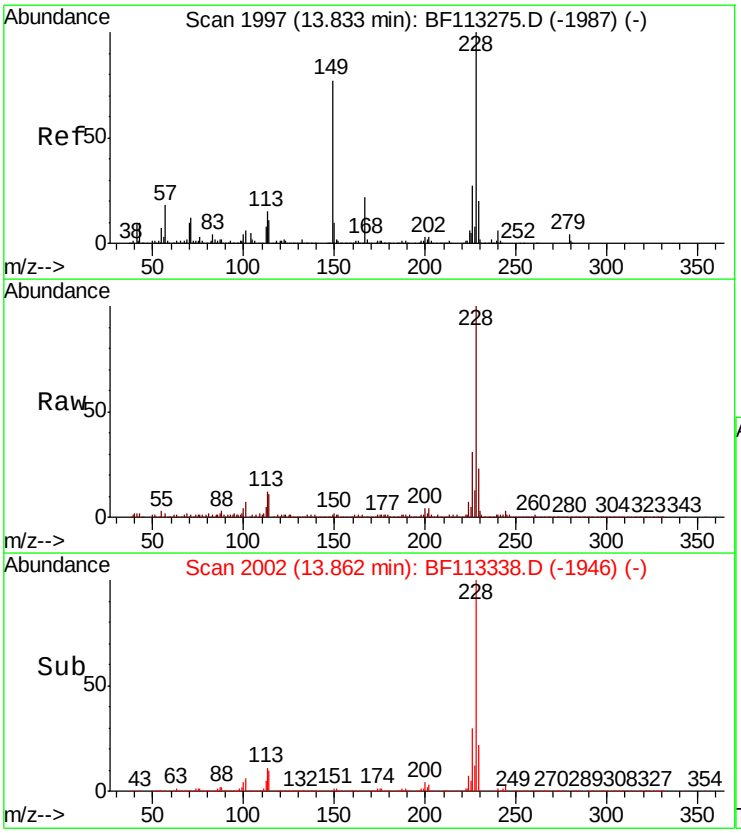
#79
Terphenyl-d14
Concen: 54.733 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:244 Resp: 1047696

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	12.0	8.6	13.0

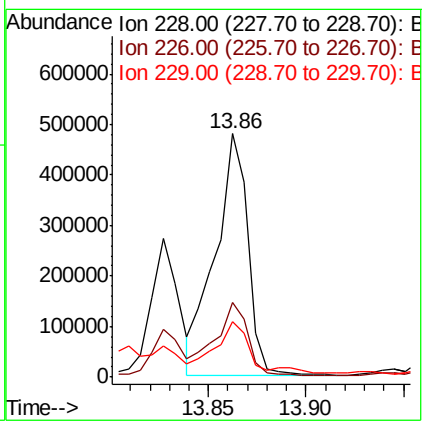


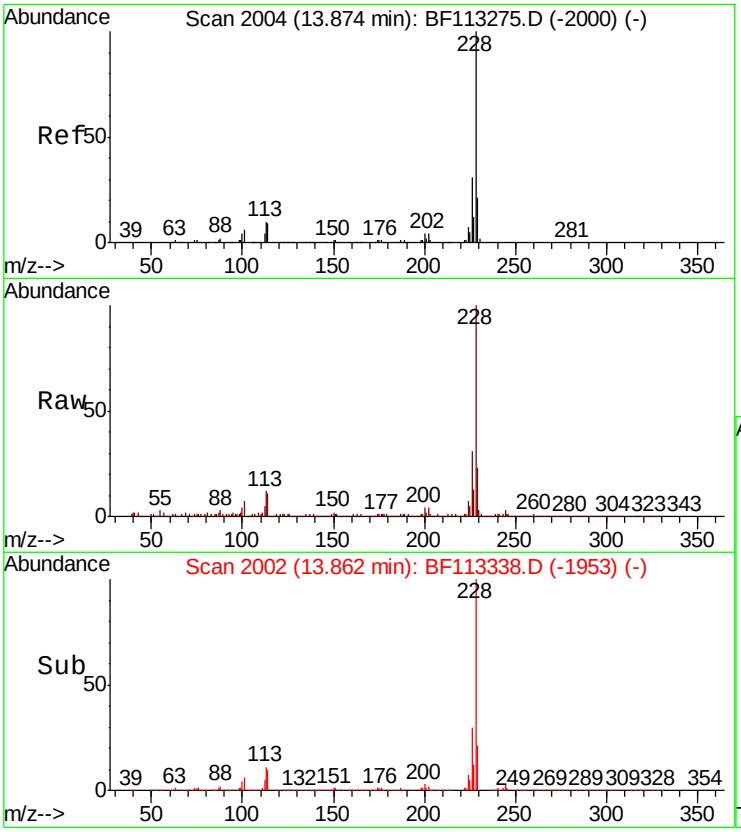


#81
Benzo(a)anthracene
Concen: 23.256 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.03 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:228 Resp: 561654

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.8	32.8
229	22.6	16.2	24.4



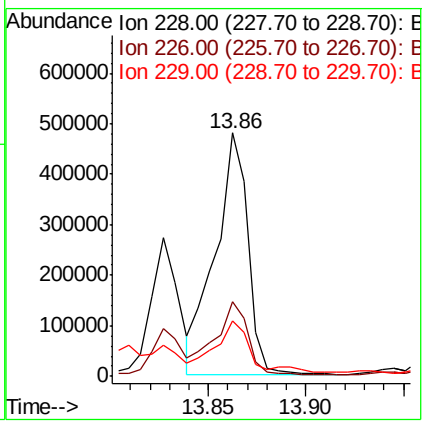


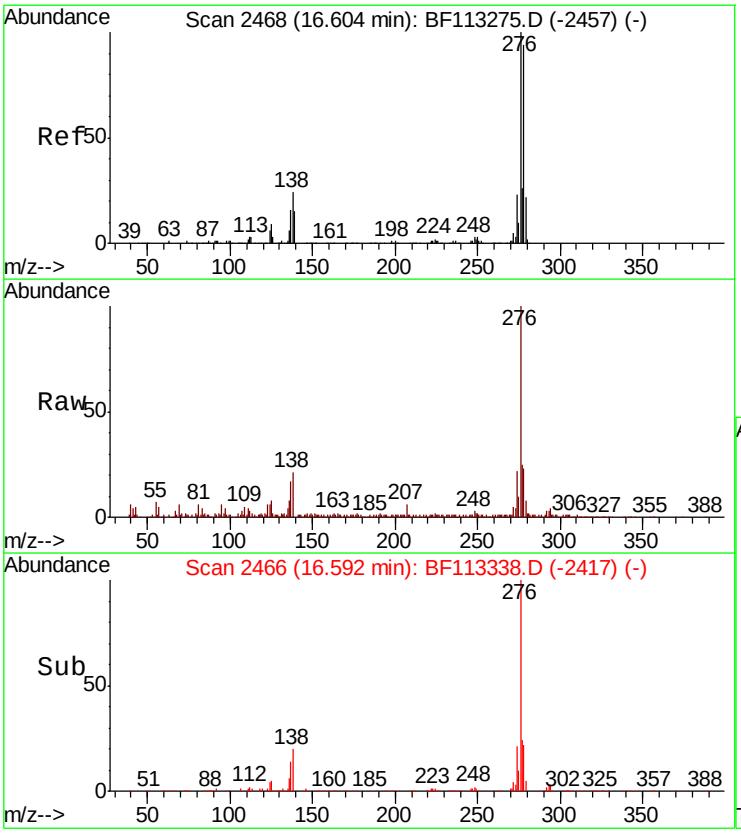
#83
Chrysene
Concen: 22.896 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:228 Resp: 561654

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	22.6	16.3	24.5

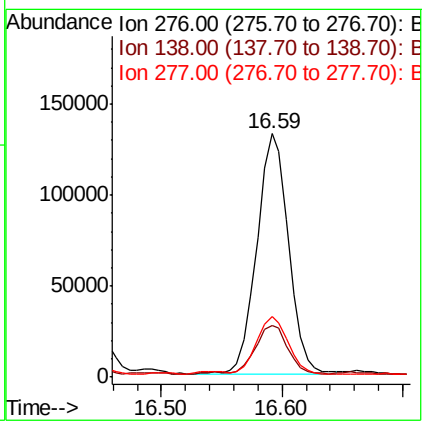


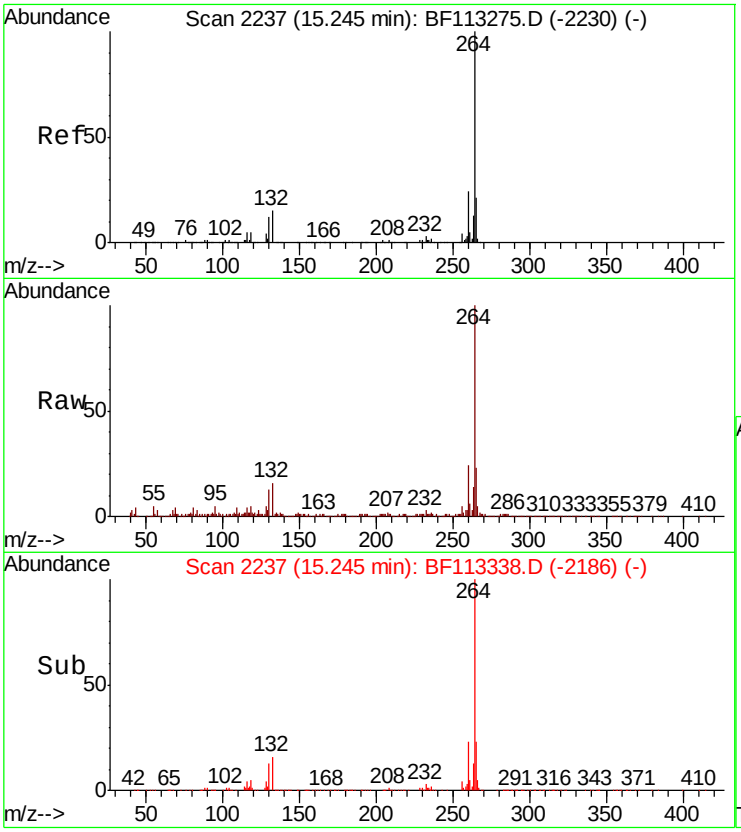


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.451 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:276 Resp: 241089

Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.1	27.1
277	24.2	20.2	30.4



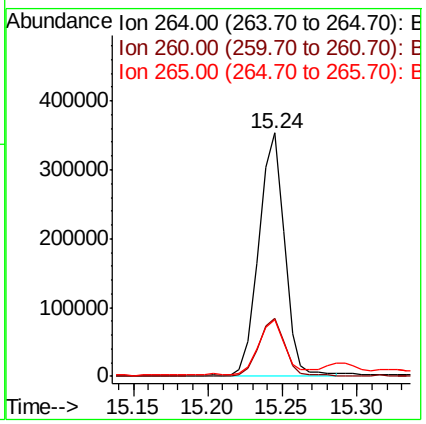


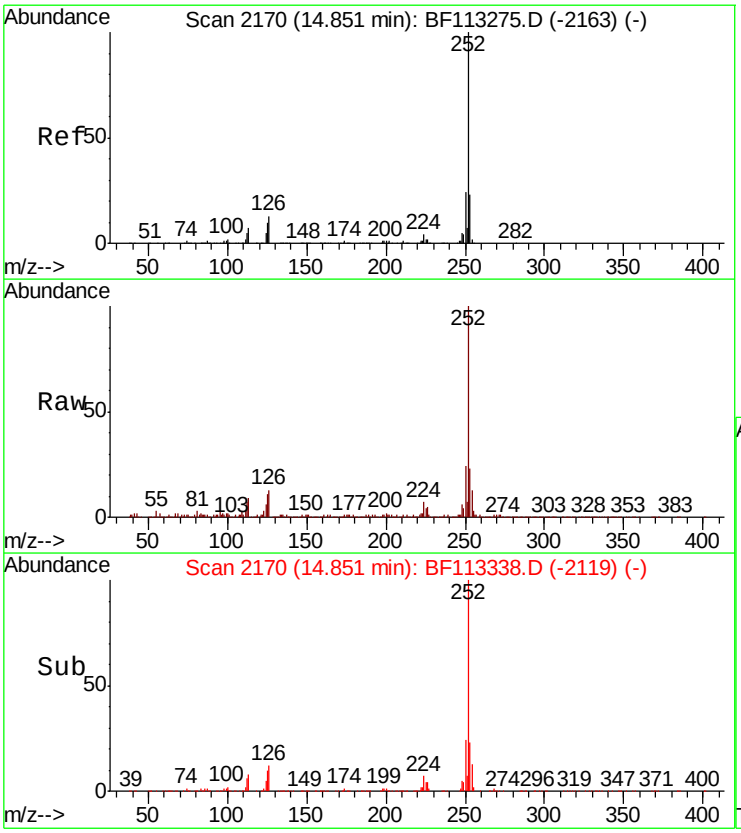
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:264 Resp: 418558

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	23.2	17.1	25.7

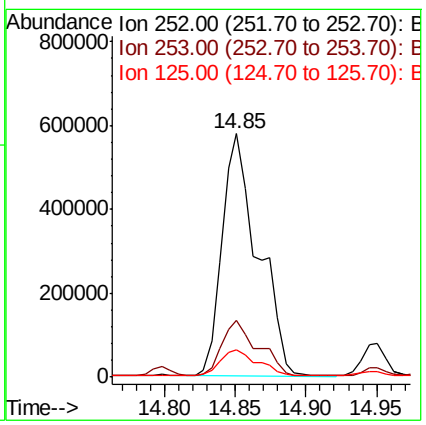


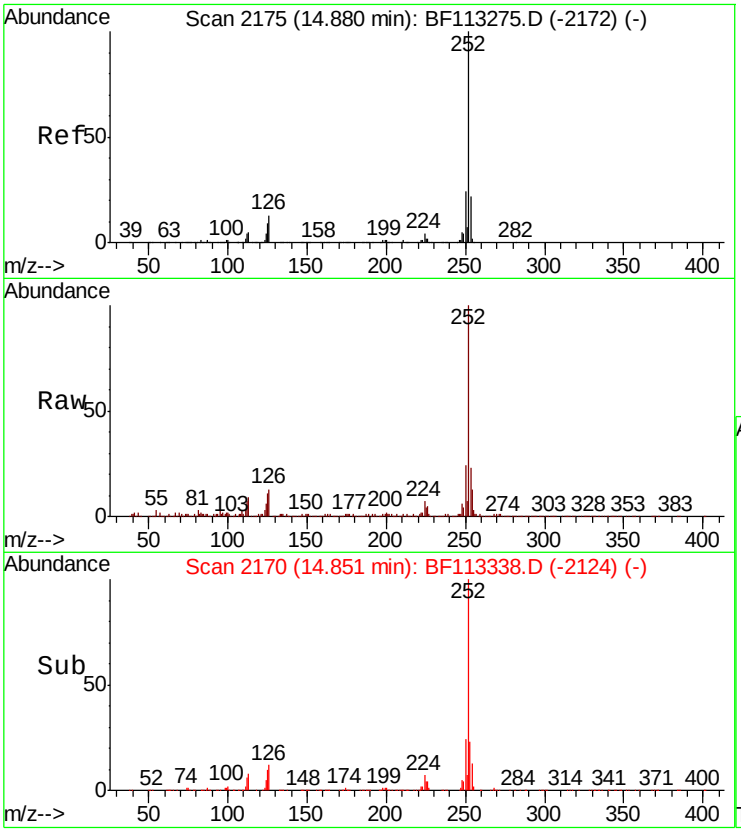


#88
Benzo(b)fluoranthene
Concen: 39.613 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:252 Resp: 1029976

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.0	7.6	11.4



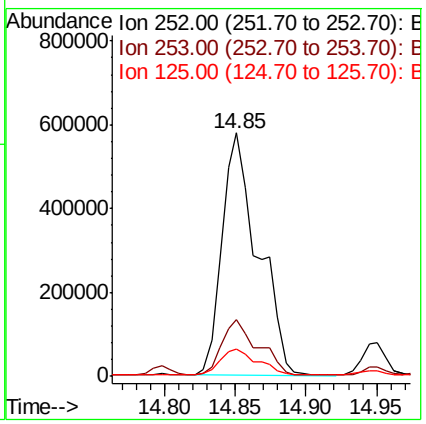


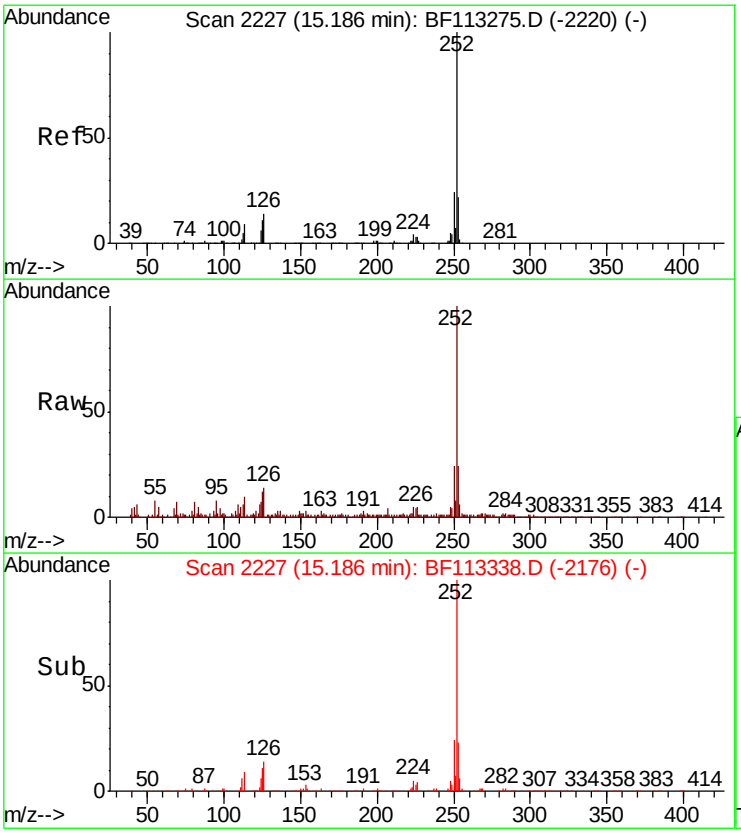
#89
Benzo(k)fluoranthene
Concen: 45.108 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:252 Resp: 1029976

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.0	7.3	10.9#

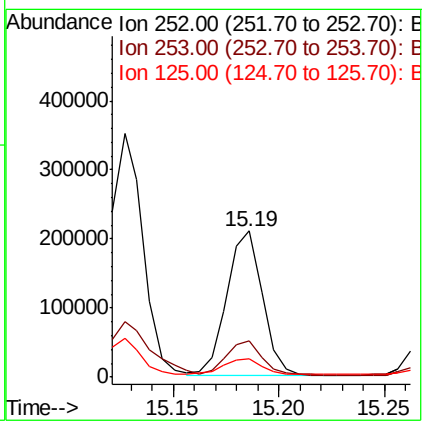


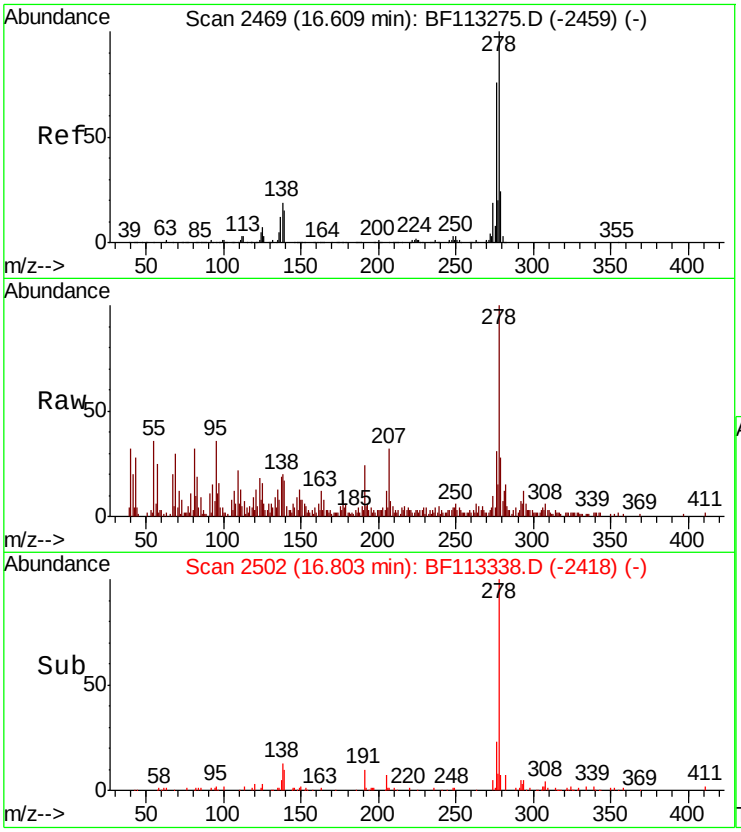


#90
Benzo(a)pyrene
Concen: 10.639 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:252 Resp: 245227

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	12.4	8.8	13.2



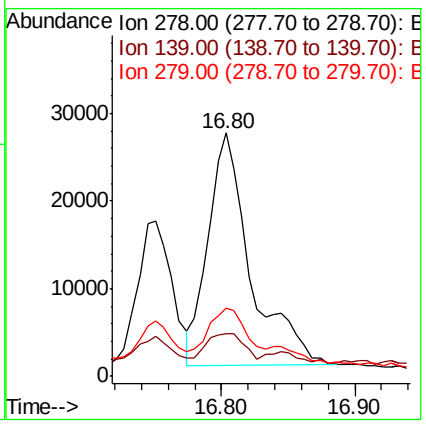


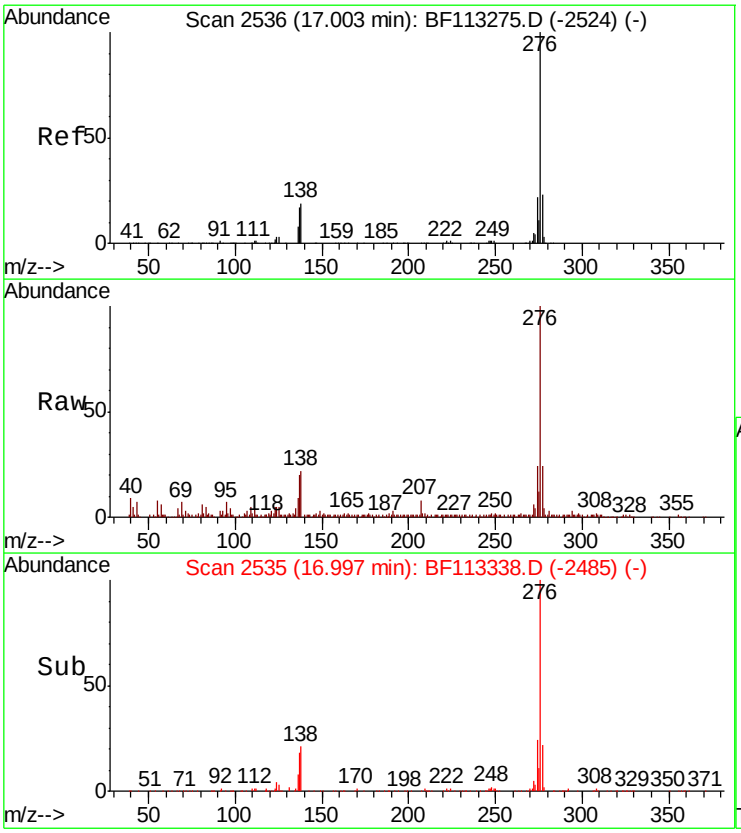
#91
Dibenzo(a,h)anthracene
Concen: 2.978 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.19 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
CS-21

Tgt Ion:278 Resp: 59351

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.0	18.0
279	27.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.476 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113338.D
Acq: 27 Mar 2019 18:41

Tgt Ion:276 Resp: 210537

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	22.3	15.6	23.4