Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
Data File : BF113801.D
Acq On : 16 Apr 2019 18:53
Operator : JU/SJ
Sample : K2411-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 17 01:07:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	4977	20.00	ng		0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng		-7.97
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-9.72
64) Phenanthrene-d10	11.20	188	354	20.00	ng		0.00
76) Chrysene-d12	13.83	240	693	20.00	ng		-0.02
87) Perylene-d12	15.24	264	1045	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	731322	2505.67	ng		0.00
7) Phenol-d6	6.33	99	972903	2704.55	ng		0.00
23) Nitrobenzene-d5	7.24	82	555163	0.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	196826	0.00	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1051719	0.00	ng		-0.02
79) Terphenyl-d14	12.76	244	846510	24870.24	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	735	3.436	ng	#	1
10) Phenol	6.35	94	1129	2.748	ng	#	1
11) bis(2-Chloroethyl)ether	6.45	93	771	2.412	ng	#	1
15) Benzyl Alcohol	6.83	79	8079	33.215	ng	#	45
19) n-Nitroso-di-n-propylamine	7.24	70	69311	312.460	ng	#	76
66) n-Nitrosodiphenylamine	10.37	169	347	31.930	ng	#	1
67) 4-Bromophenyl-phenylether	10.50	248	10261	2584.467	ng	#	1
71) Phenanthrene	11.22	178	47226	2684.744	ng		100
72) Anthracene	11.27	178	36026	2012.964	ng		97
73) Carbazole	11.46	167	3649	217.996	ng	#	85
74) Di-n-butylphthalate	11.74	149	1917	96.273	ng	#	78
75) Fluoranthene	12.40	202	66011	3501.996	ng		98
77) Benzidine	12.76	184	9370	363.595	ng	#	97
78) Pyrene	12.63	202	106382	2017.501	ng		97
80) Butylbenzylphthalate	13.24	149	117	5.451	ng	#	60
81) Benzo(a)anthracene	13.82	228	113384	2836.301	ng		98
82) 3,3'-Dichlorobenzidine	13.86	252	1572	102.095	ng	#	1
83) Chrysene	13.85	228	105514	2603.716	ng		98
84) Bis(2-ethylhexyl)phthalate	13.80	149	5044	194.364	ng	#	82
85) Di-n-octyl phthalate	14.40	149	1395	33.070	ng	#	77
86) Indeno(1,2,3-cd)pyrene	16.61	276	136051	3636.220	ng		94
88) Benzo(b)fluoranthene	14.84	252	345767	5405.402	ng		99
89) Benzo(k)fluoranthene	14.84	252	345767	6022.889	ng		99
90) Benzo(a)pyrene	15.19	252	191422	3367.673	ng		99
91) Dibenzo(a,h)anthracene	16.77	278	27346	514.459	ng		95
92) Benzo(g,h,i)perylene	17.02	276	109778	2023.384	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 17 01:07:10 2019
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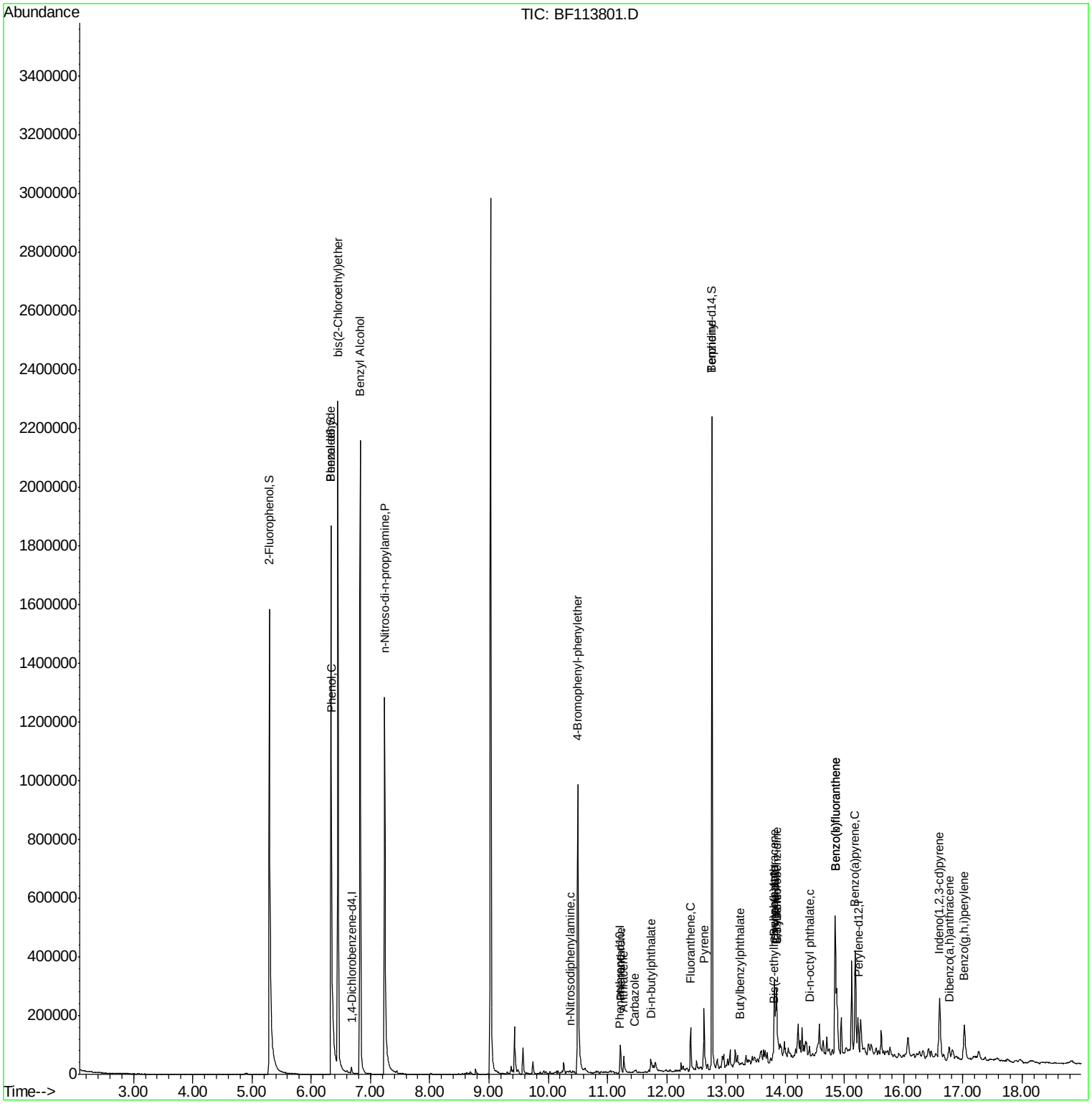
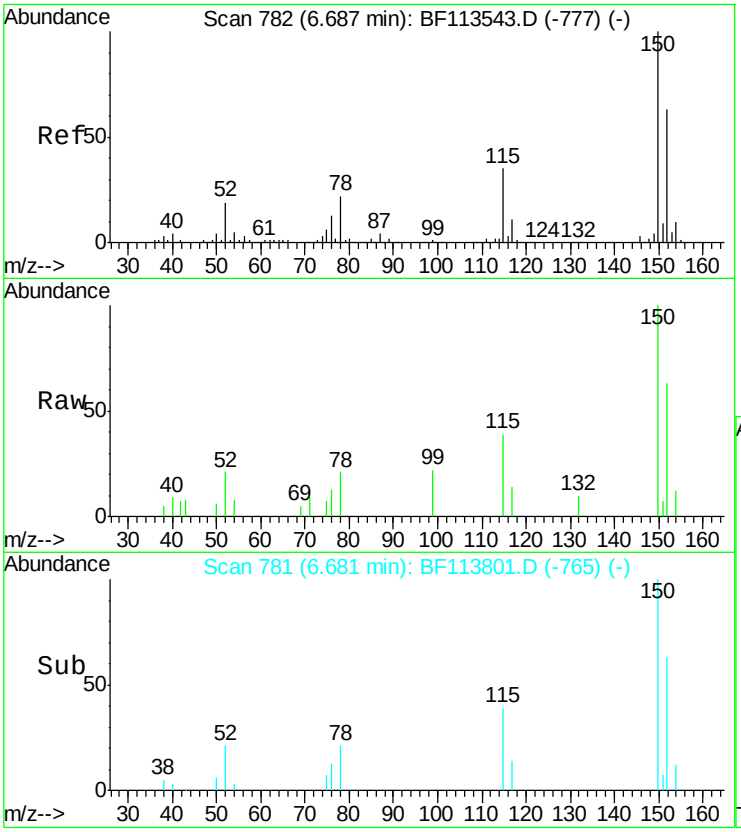
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



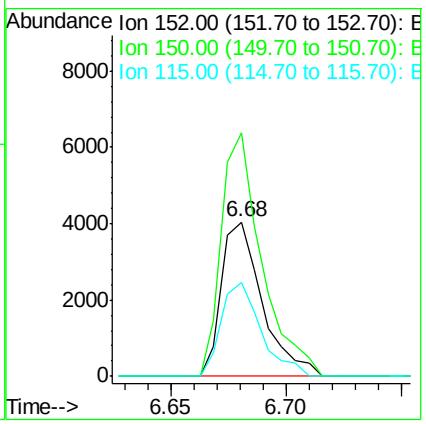


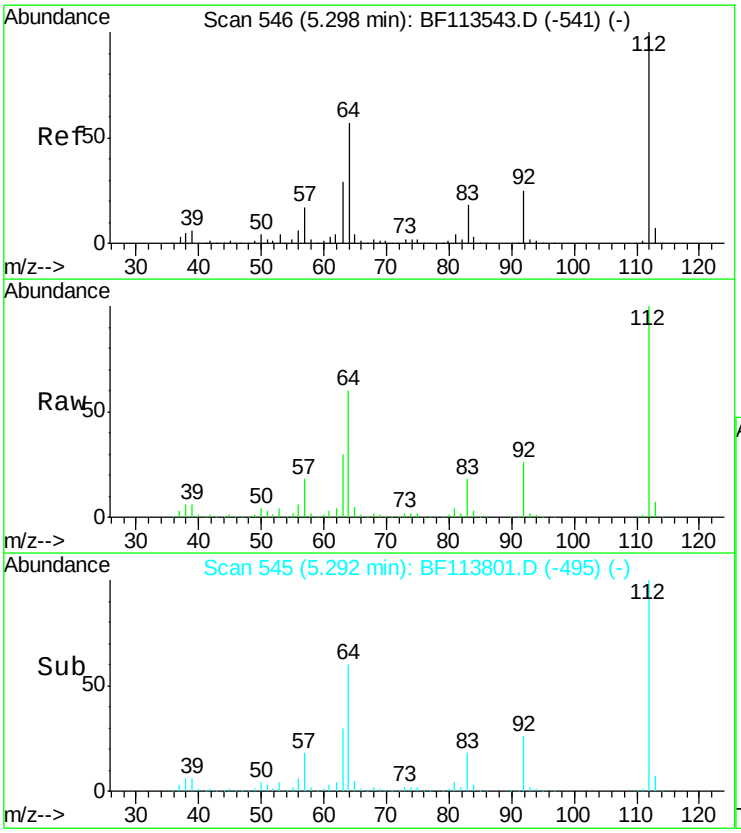
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 4977

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	61.1	46.0	69.0

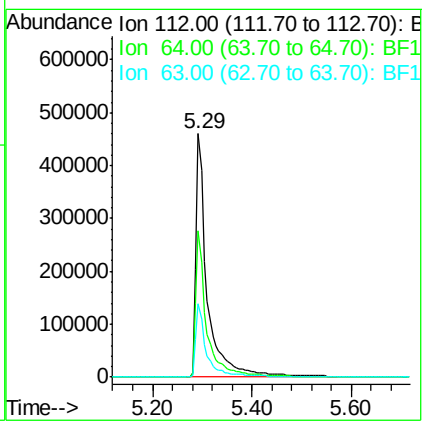


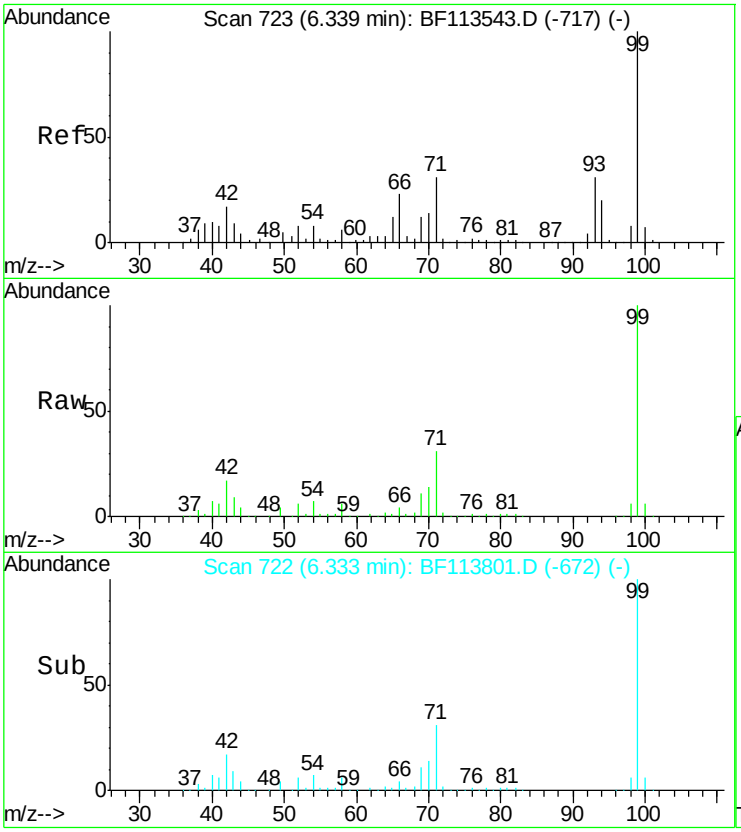


#5
2-Fluorophenol
Concen: 2505.671 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:112 Resp: 731322

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	30.3	24.9	37.3



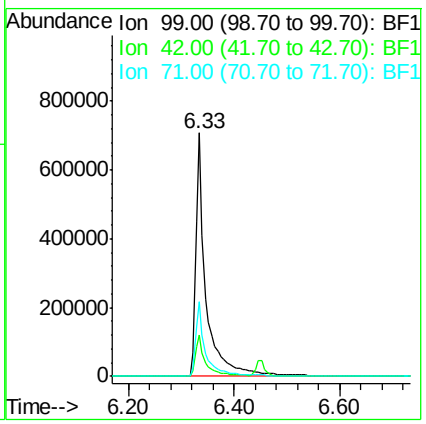


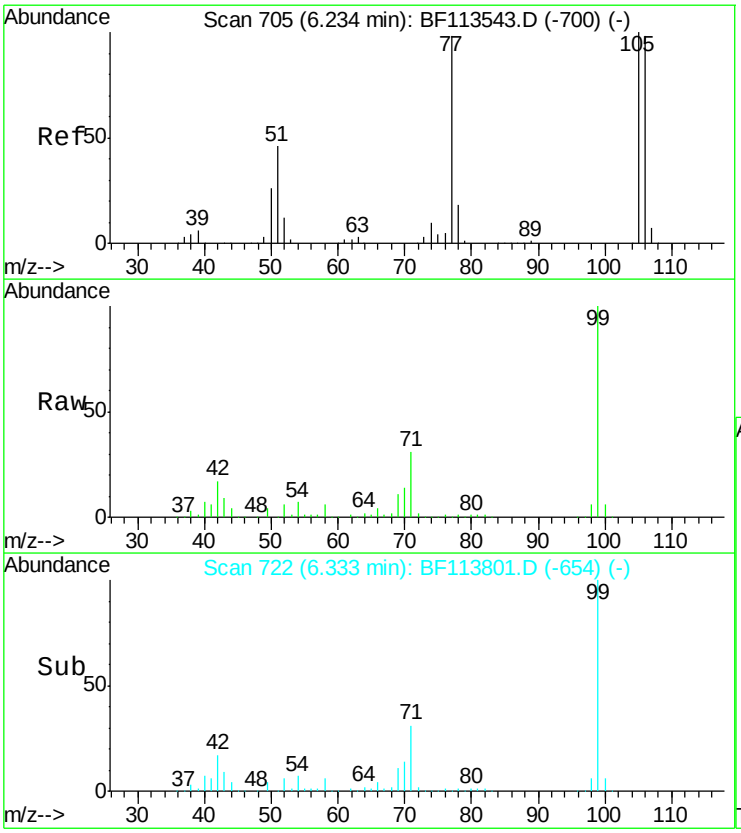
#7
Phenol-d6
Concen: 2704.555 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 972903

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	30.5	24.9	37.3

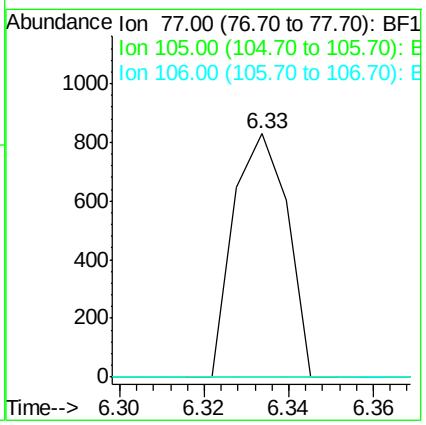


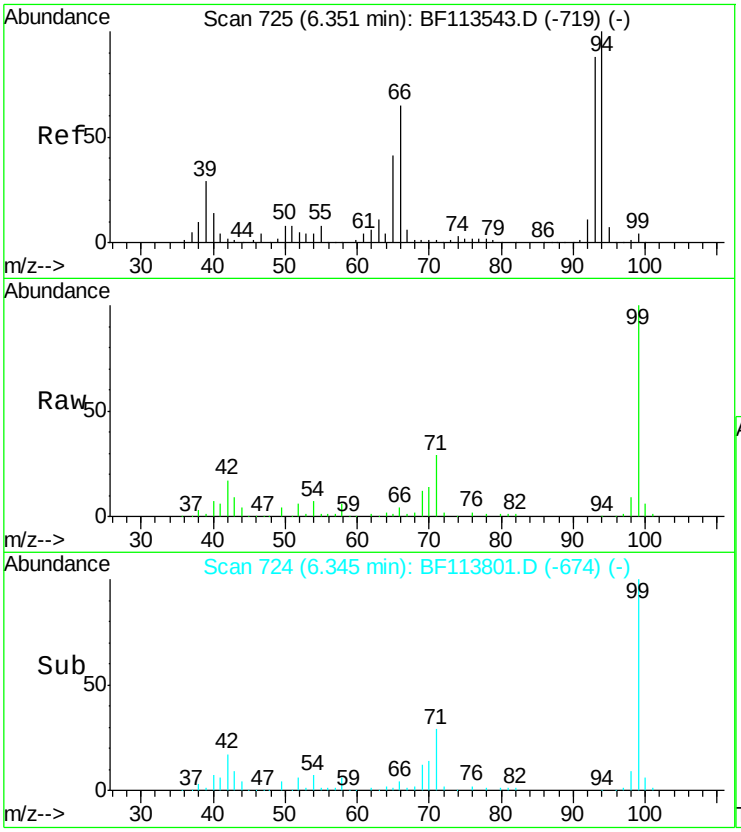


#9
Benzaldehyde
Concen: 3.436 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.10 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 77 Resp: 735

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.9	120.9#
106	0.0	77.8	117.8#



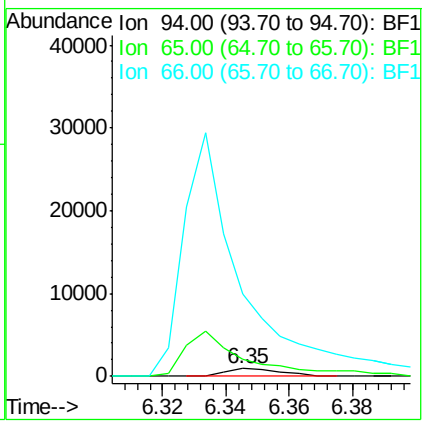


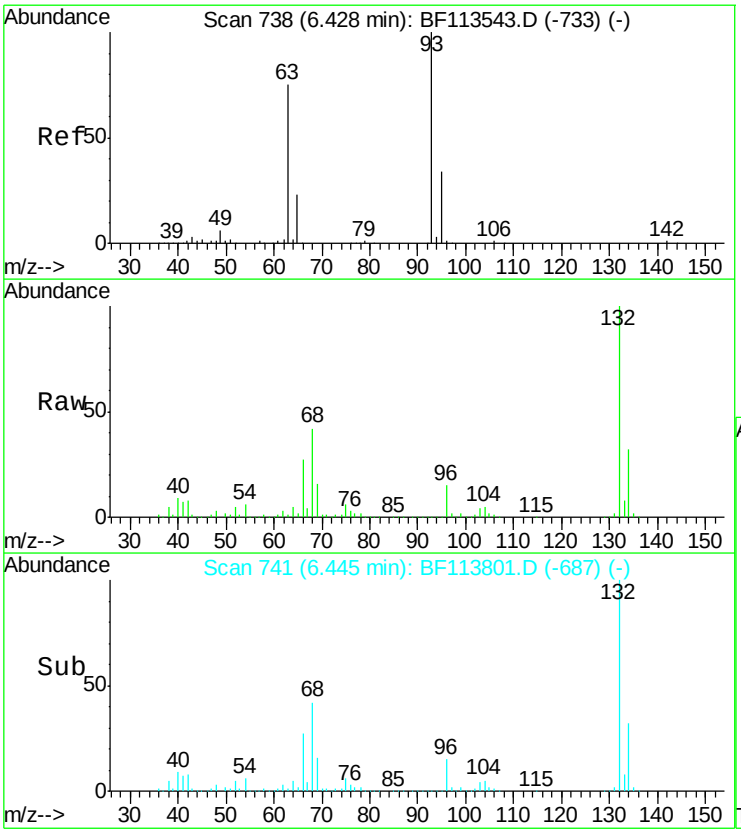
#10
Phenol
Concen: 2.748 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 1129

Ion	Ratio	Lower	Upper
94	100		
65	205.1	21.4	61.4#
66	1022.1	46.4	86.4#

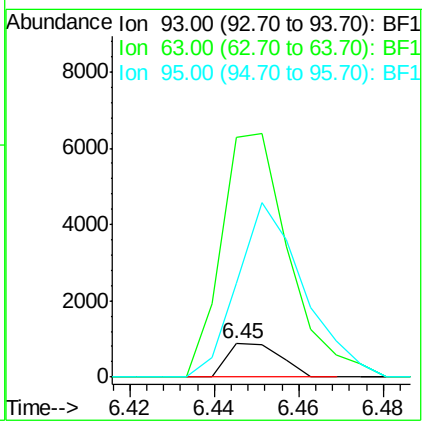


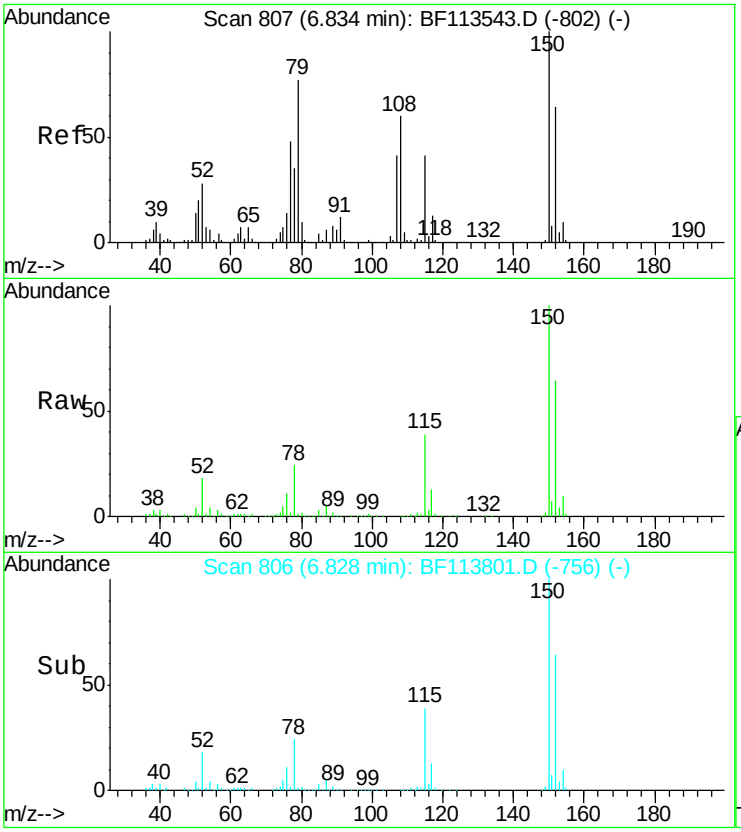


#11
bis(2-Chloroethyl)ether
Concen: 2.412 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 93 Resp: 771

Ion	Ratio	Lower	Upper
93	100		
63	715.7	56.1	96.1#
95	279.3	12.8	52.8#



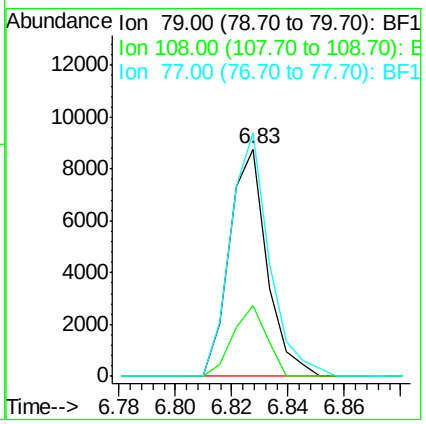


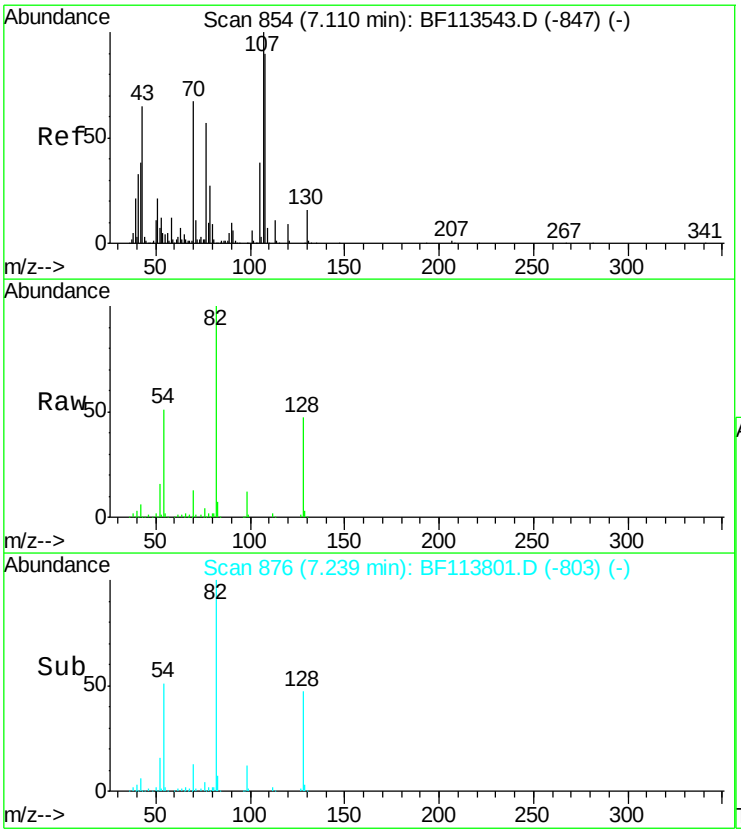
#15
Benzyl Alcohol
Concen: 33.215 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 8079

Ion	Ratio	Lower	Upper
79	100		
108	31.3	62.0	93.0#
77	107.3	49.9	74.9#

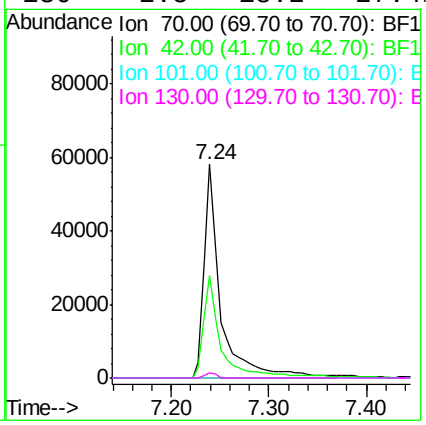


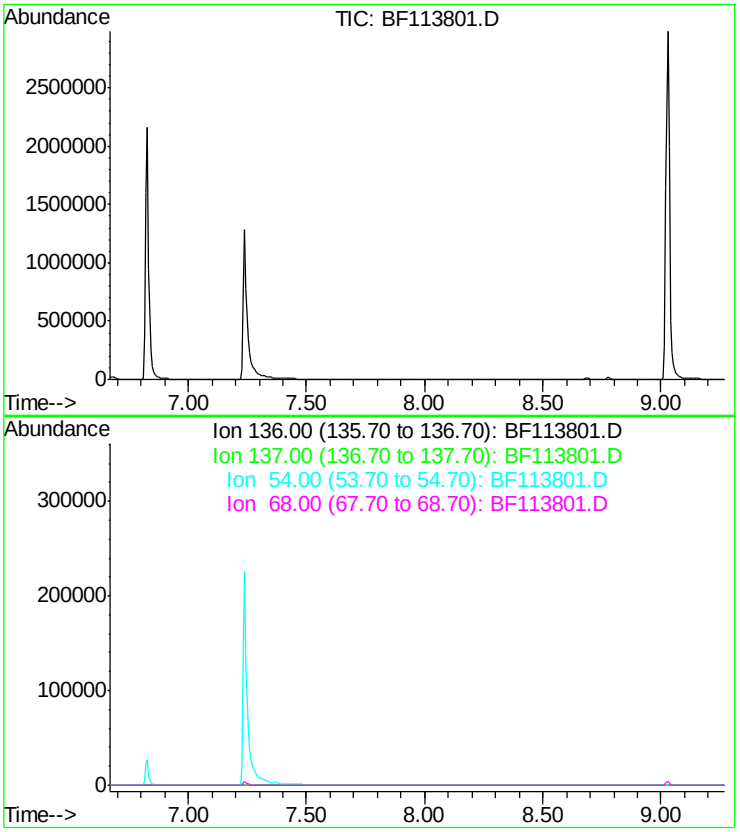


#19
n-Nitroso-di-n-propylamine
Concen: 312.460 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 70 Resp: 69311

Ion	Ratio	Lower	Upper
70	100		
42	48.1	48.4	72.6#
101	0.0	7.8	11.8#
130	2.5	18.2	27.4#





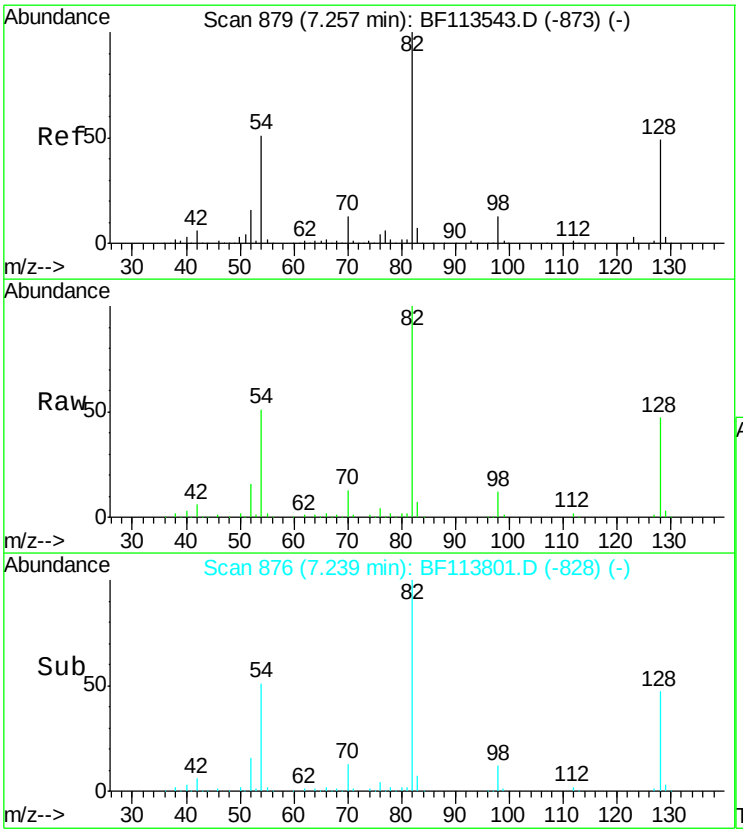
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 7.97 min

Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.1
54	8.8
68	6.0

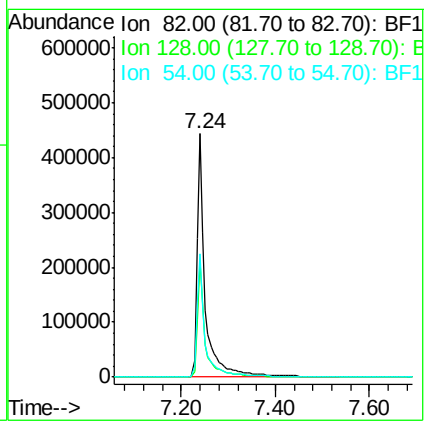
Instrument :
BNA_F
ClientSampleId :

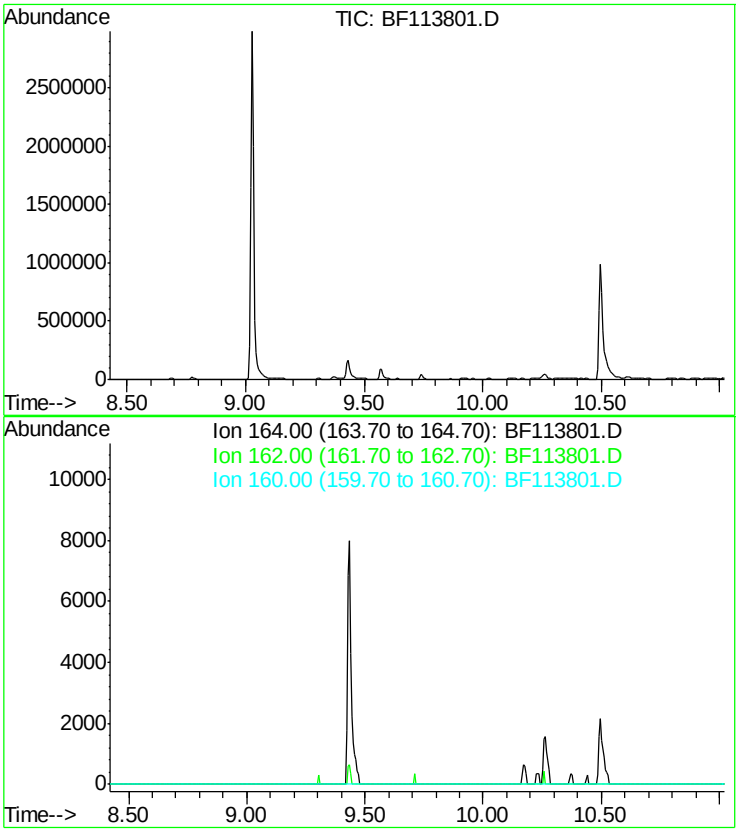


#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 82 Resp: 555163

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	50.9	42.2	63.2





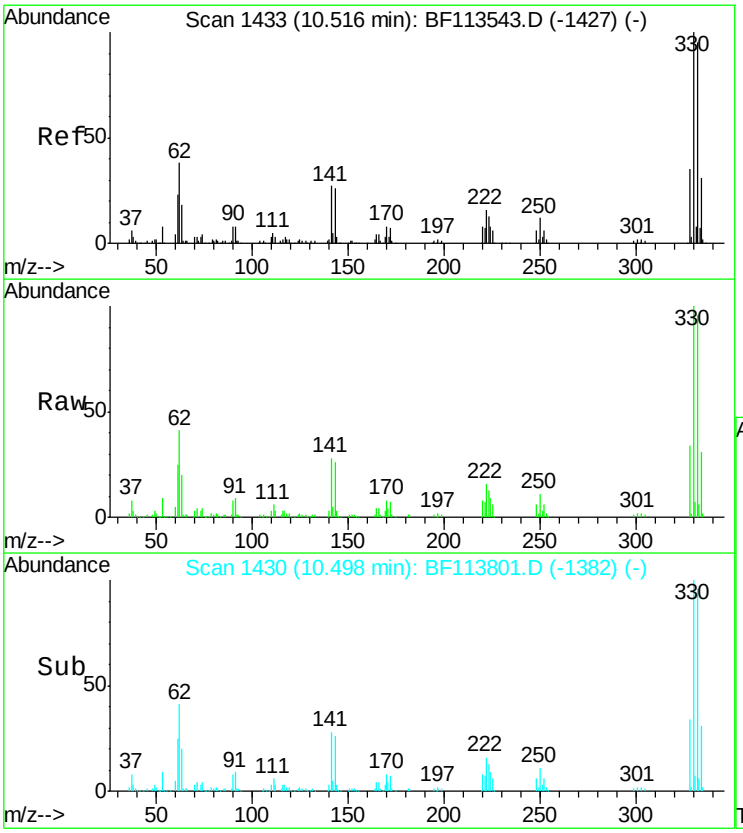
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.72 min

Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.2
160	45.5

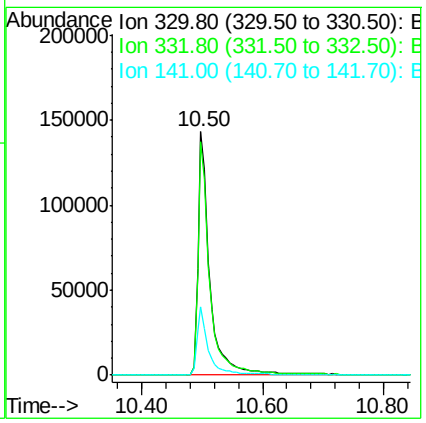
Instrument :
BNA_F
ClientSampleId :

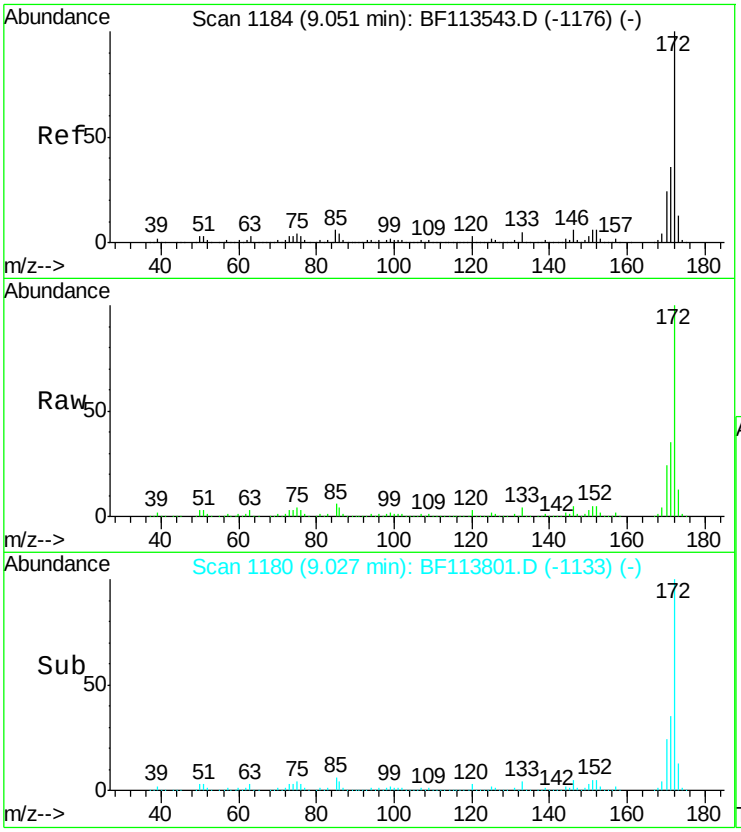


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:330 Resp: 196826

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.6
141	27.6	22.7	34.1



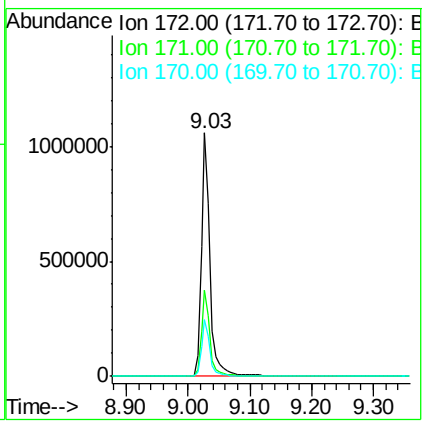


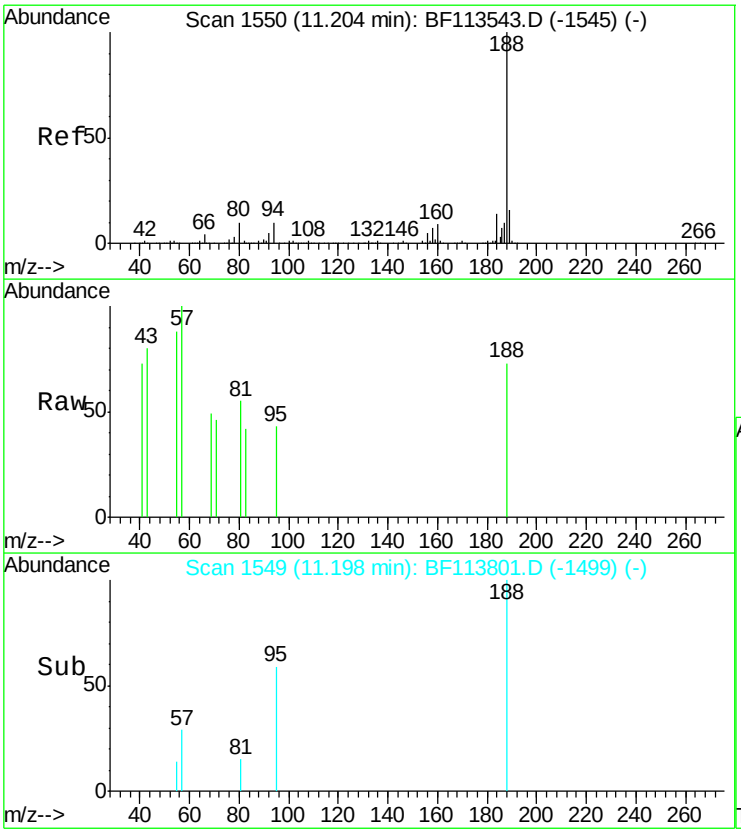
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1051719

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.6	19.5	29.3

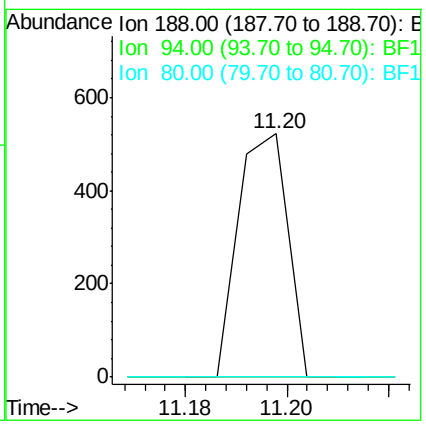


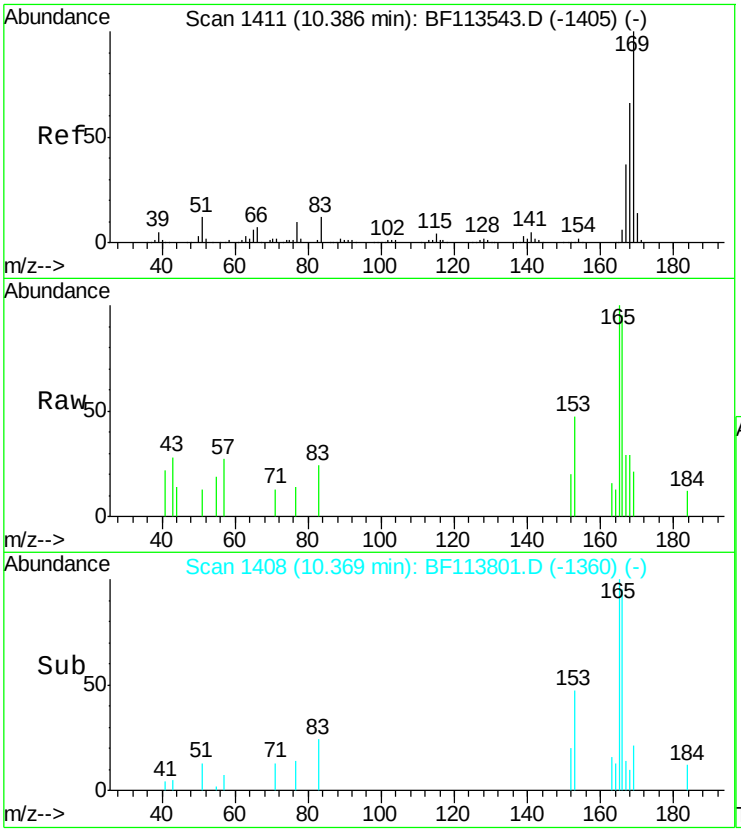


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:188 Resp: 354

Ion	Ratio	Lower	Upper
188	100		
94	0.0	7.0	10.6#
80	0.0	7.7	11.5#



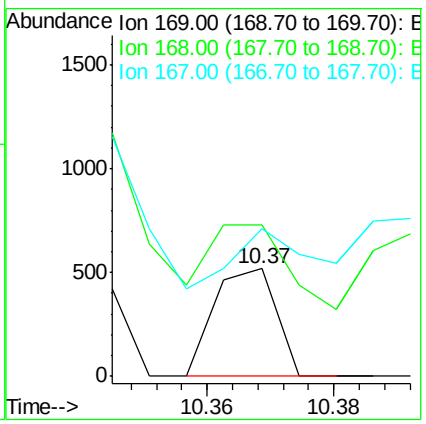


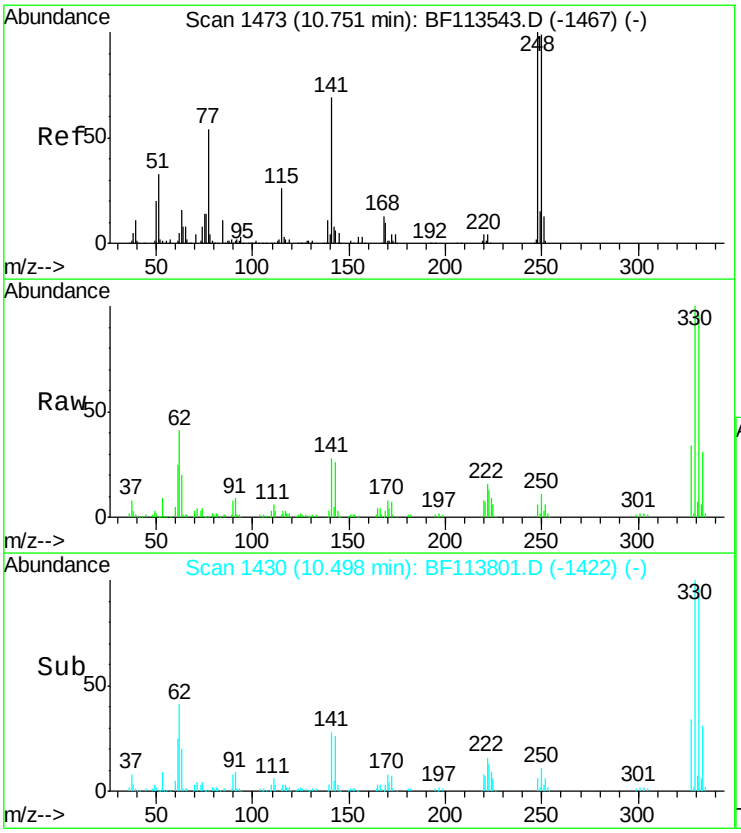
#66
n-Nitrosodiphenylamine
Concen: 31.930 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 347

Ion	Ratio	Lower	Upper
169	100		
168	140.5	53.7	80.5#
167	137.3	29.5	44.3#

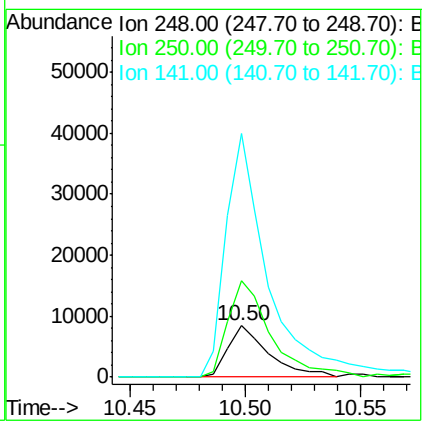


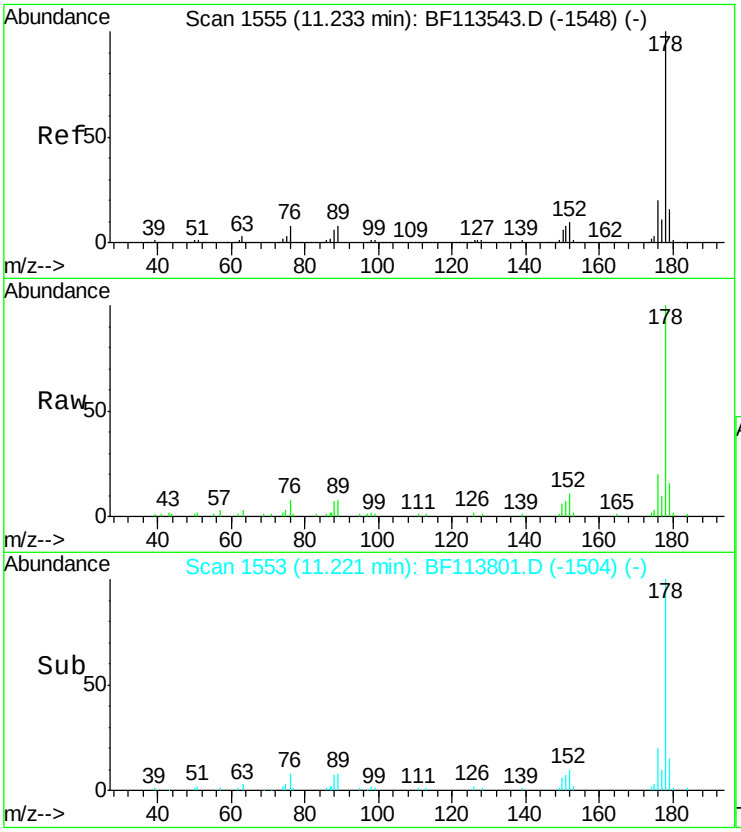


#67
4-Bromophenyl-phenylether
Concen: 2584.467 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:248 Resp: 10261

Ion	Ratio	Lower	Upper
248	100		
250	187.7	78.3	117.5#
141	475.8	56.2	84.4#



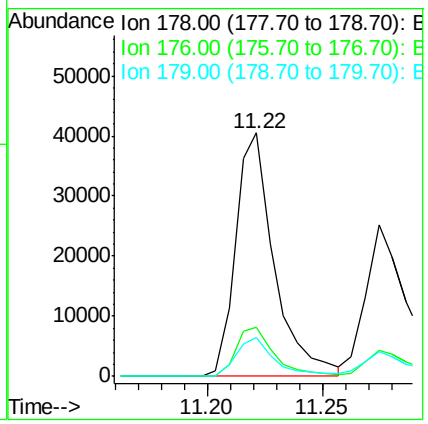


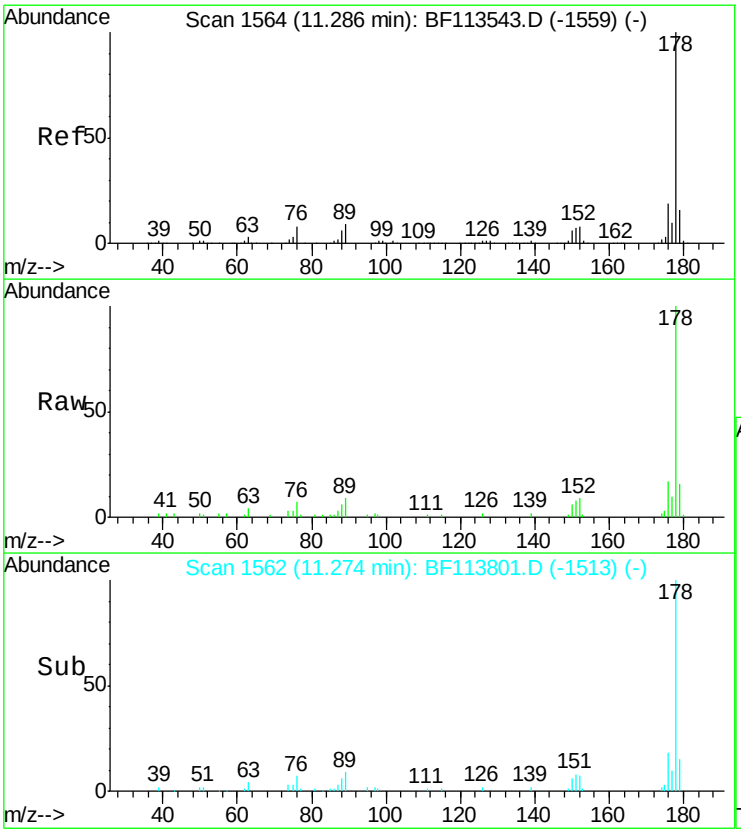
#71
Phenanthrene
Concen: 2684.744 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47226

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	16.0	12.7	19.1

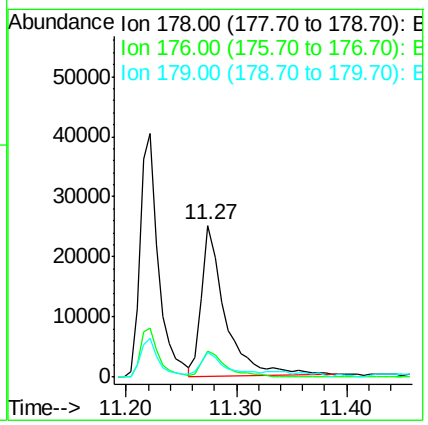


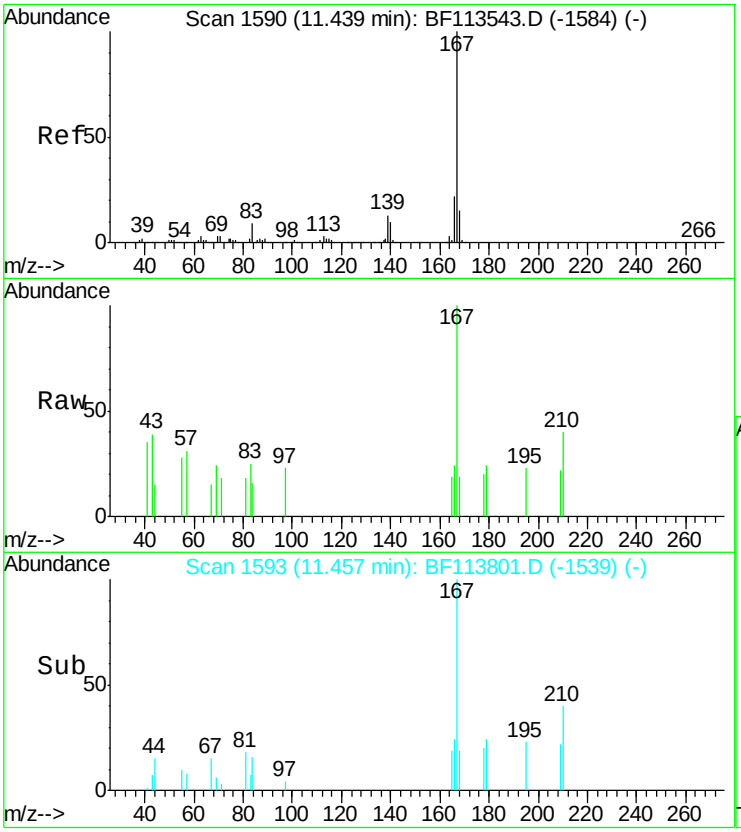


#72
Anthracene
Concen: 2012.964 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:178 Resp: 36026

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	16.4	12.8	19.2



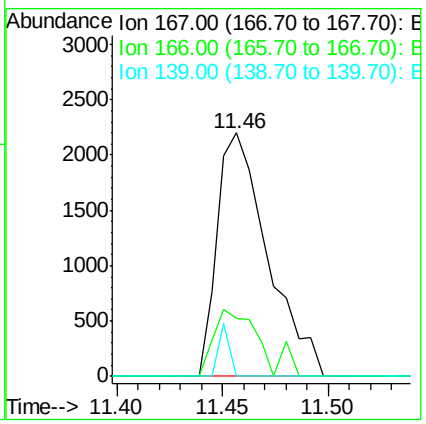


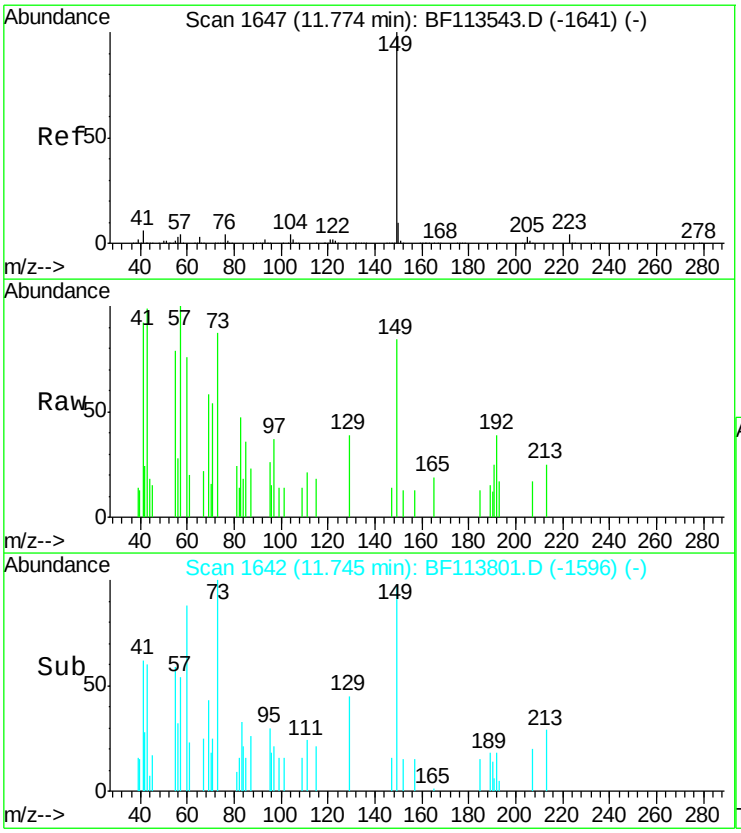
#73
Carbazole
Concen: 217.996 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 3649

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.4	26.0
139	0.0	10.4	15.6#

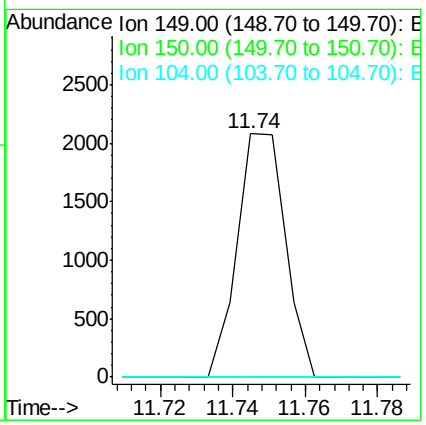


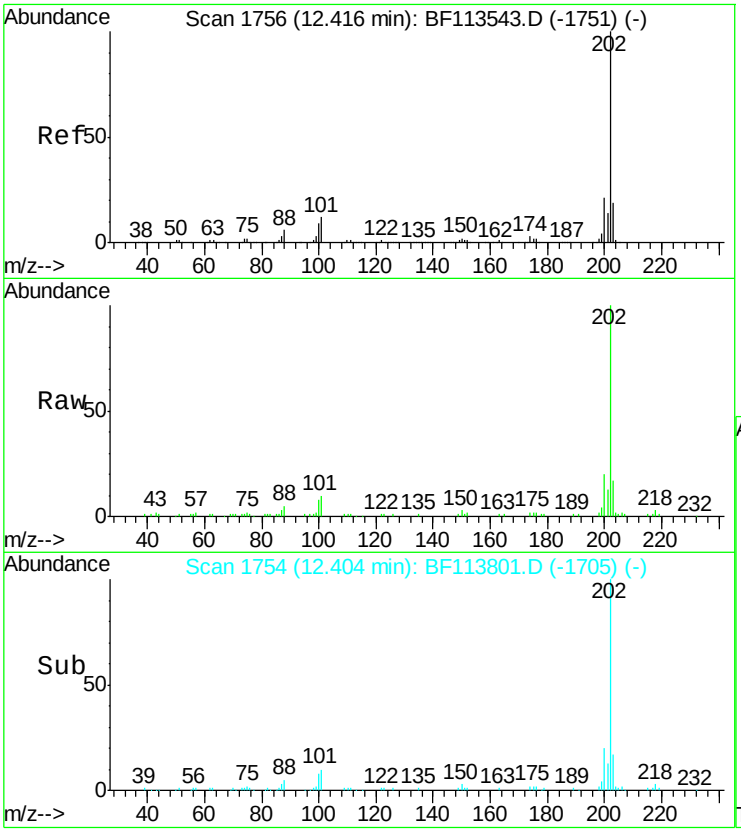


#74
Di-n-butylphthalate
Concen: 96.273 ng
RT: 11.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:149 Resp: 1917

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	3.7	5.5#



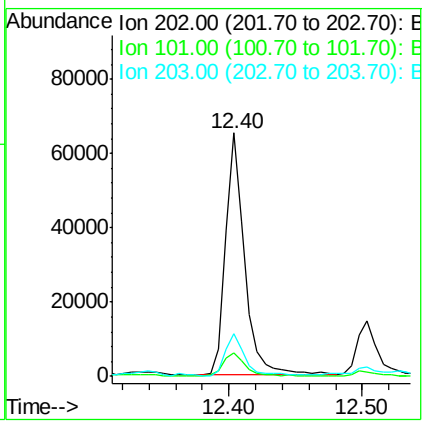


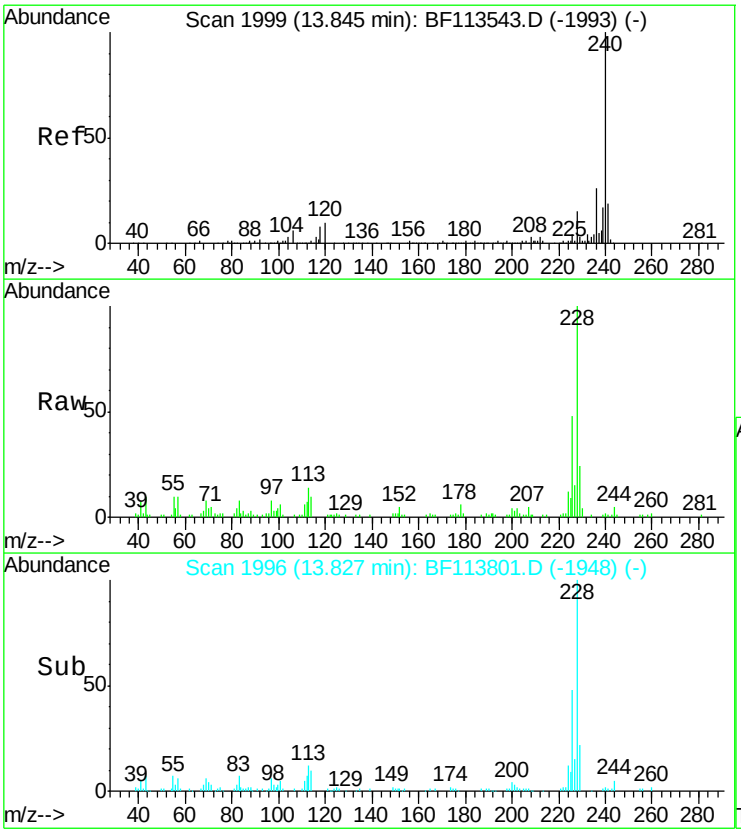
#75
Fluoranthene
Concen: 3501.996 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66011

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.5	0.0	38.0

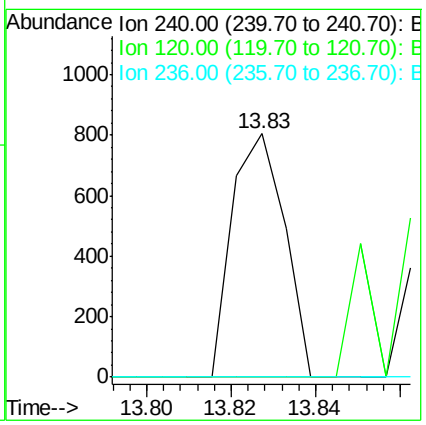


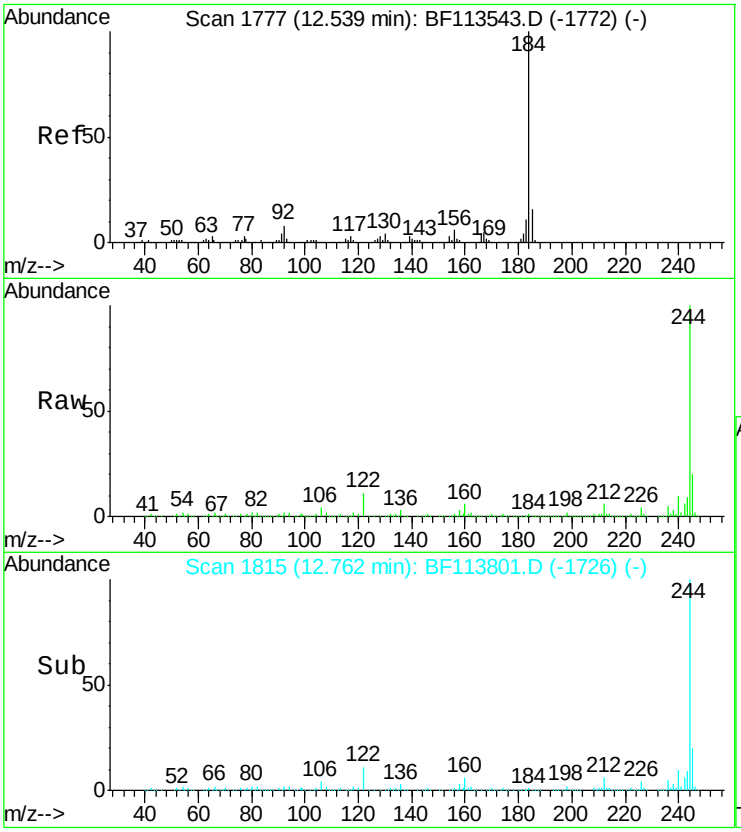


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:240 Resp: 693

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.8	13.2#
236	0.0	20.9	31.3#



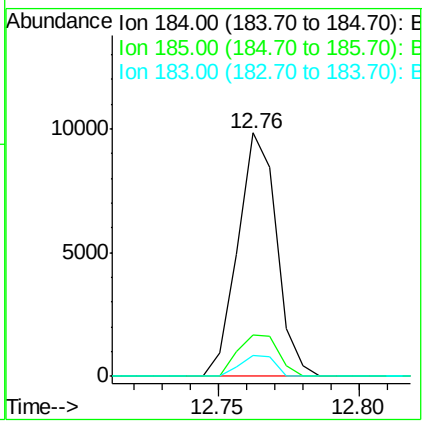


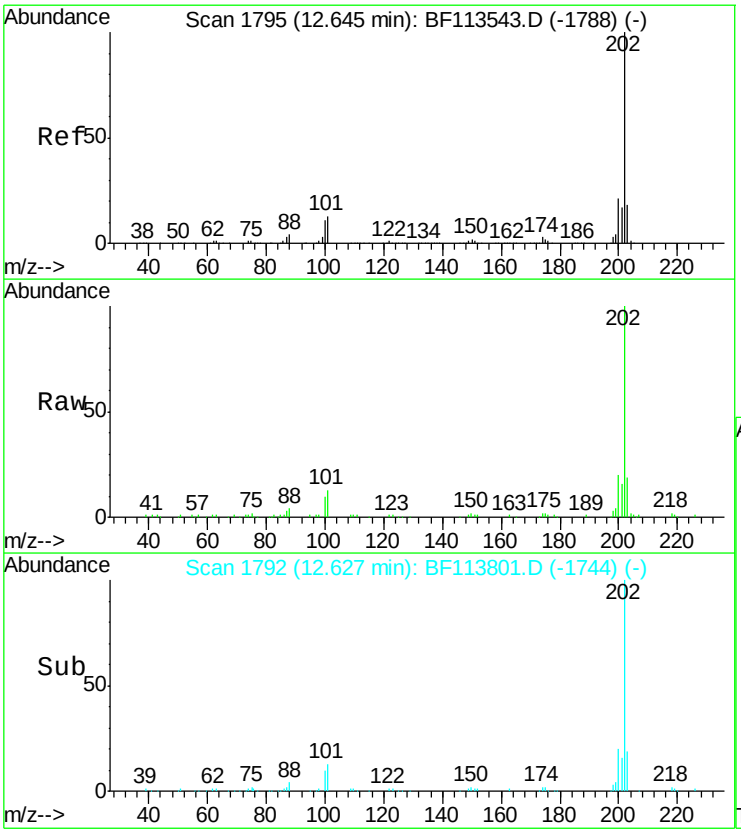
#77
Benzidine
Concen: 363.595 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.22 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 9370

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.0	19.6
183	8.8	9.0	13.4#

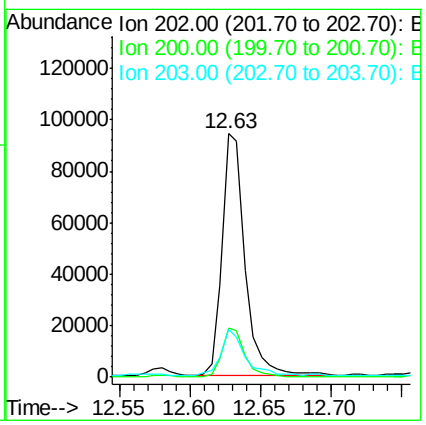


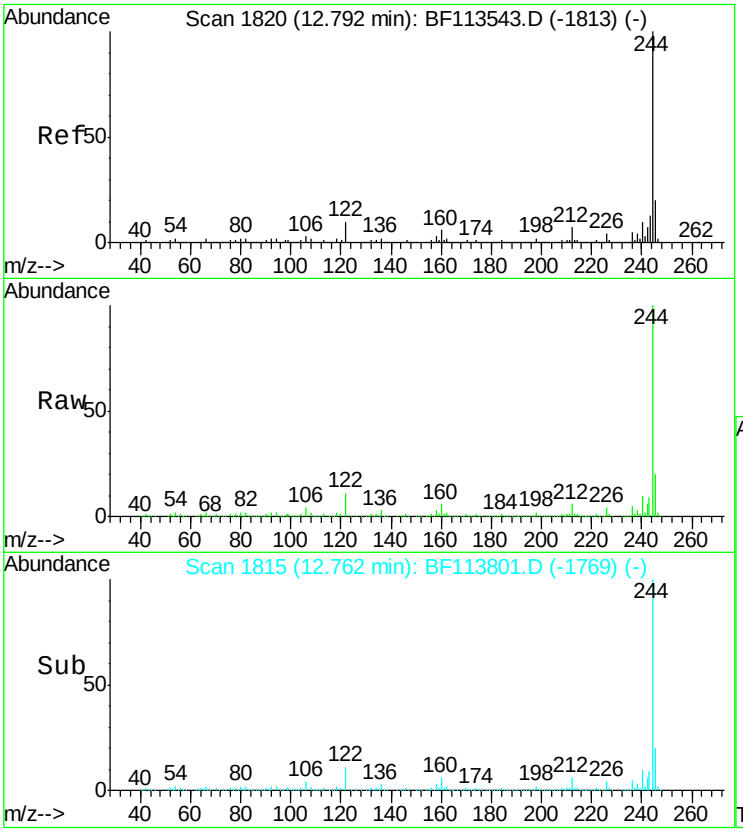


#78
Pyrene
Concen: 2017.501 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:202 Resp: 106382

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	19.4	14.4	21.6



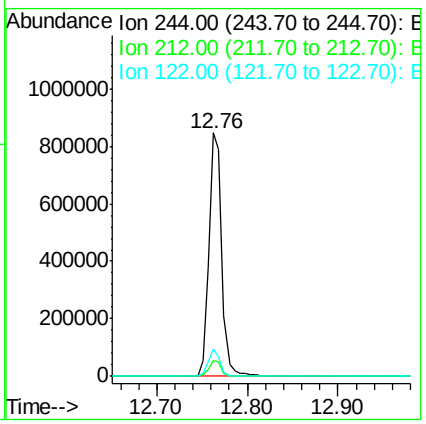


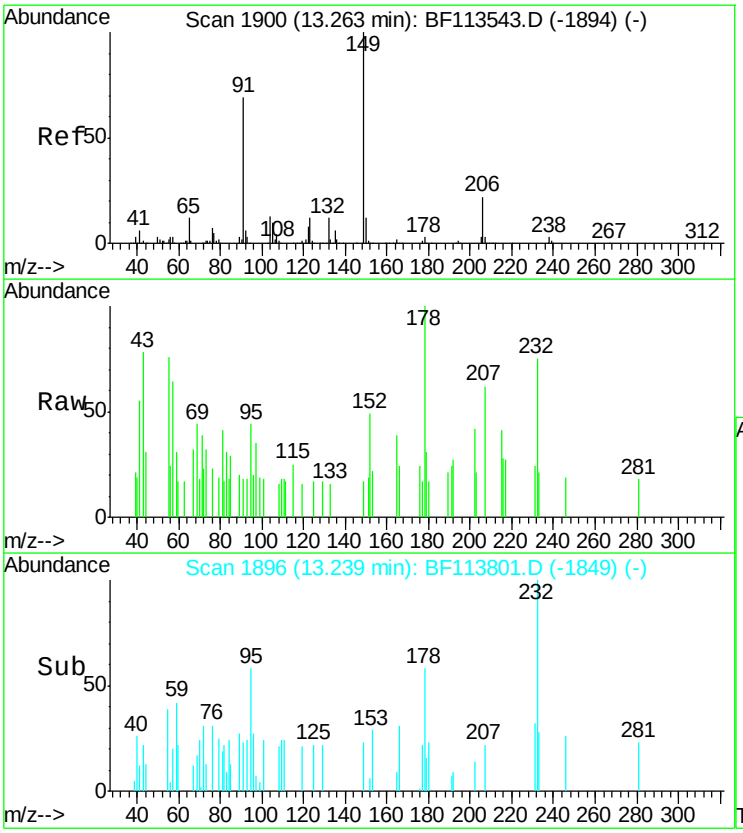
#79
Terphenyl-d14
Concen: 24870.237 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 846510

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.3	8.6	13.0

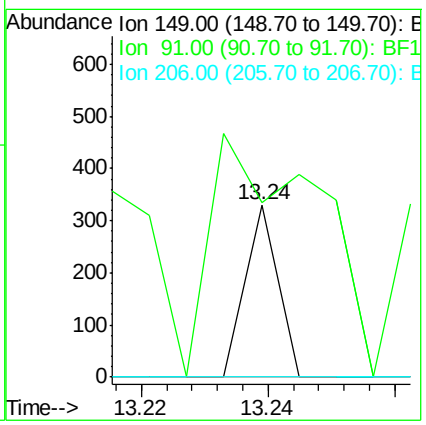


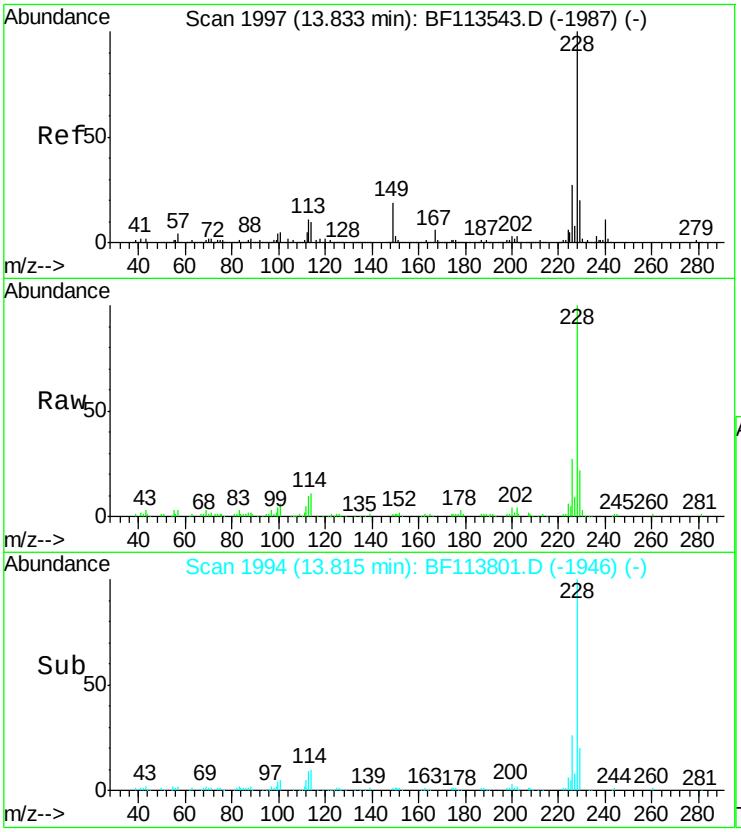


#80
Butylbenzylphthalate
Concen: 5.451 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:149 Resp: 117

Ion	Ratio	Lower	Upper
149	100		
91	100.9	55.2	82.8#
206	0.0	16.1	24.1#



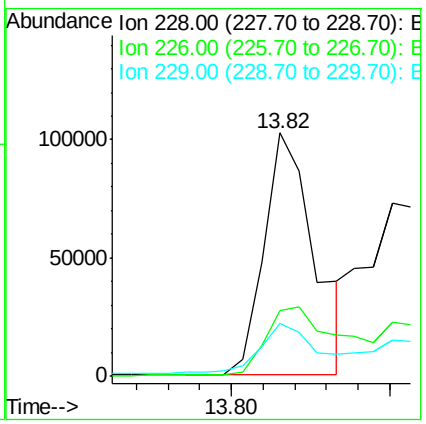


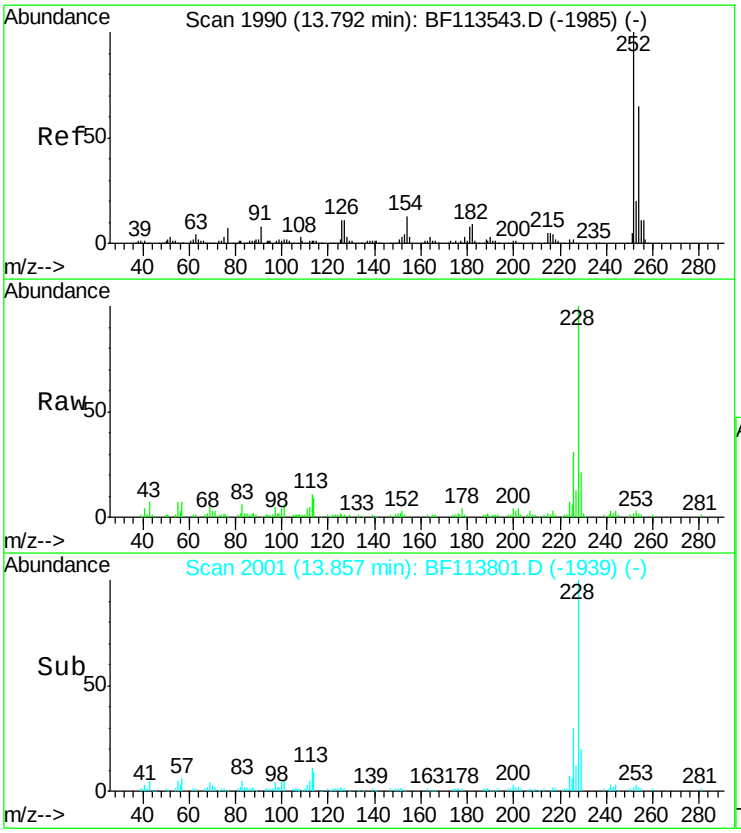
#81
Benzo(a)anthracene
Concen: 2836.301 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 113384

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	21.8	16.2	24.4

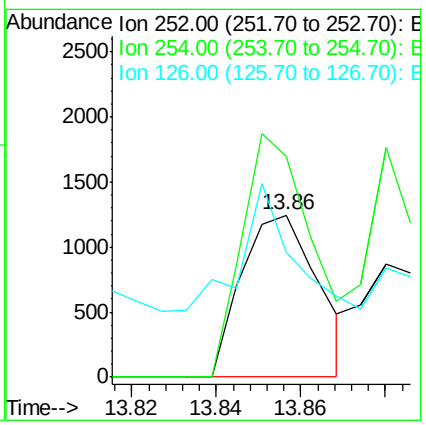


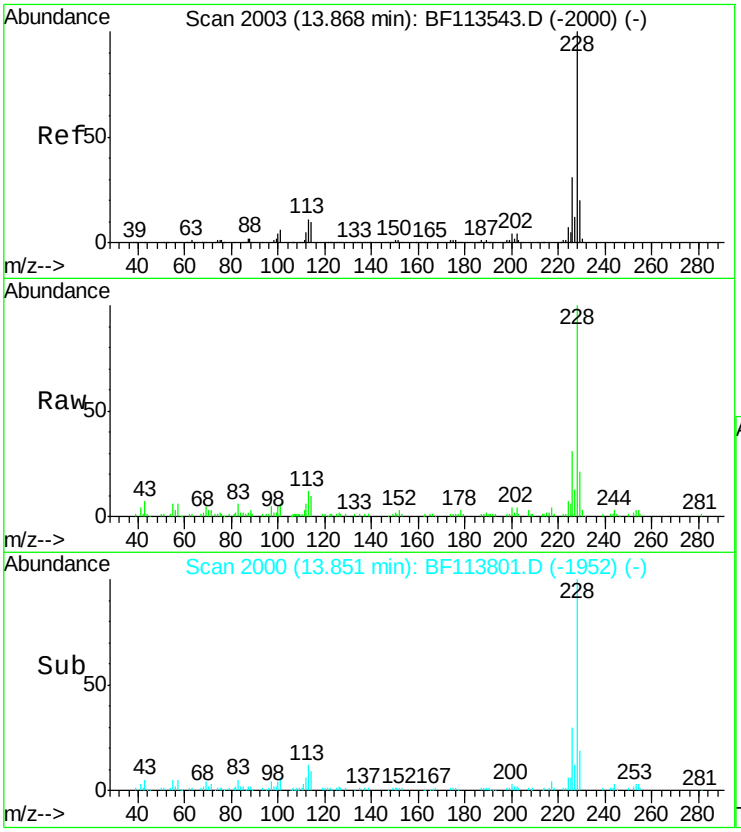


#82
3,3'-Dichlorobenzidine
Concen: 102.095 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.06 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:252 Resp: 1572

Ion	Ratio	Lower	Upper
252	100		
254	136.2	52.2	78.2#
126	77.0	8.5	12.7#



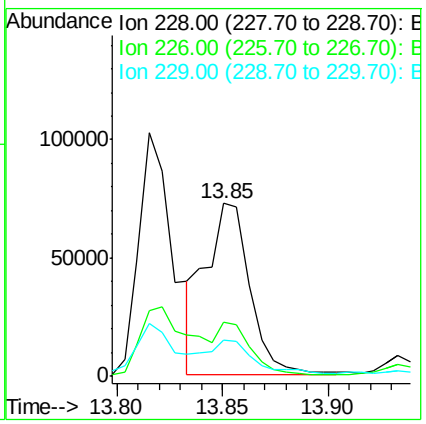


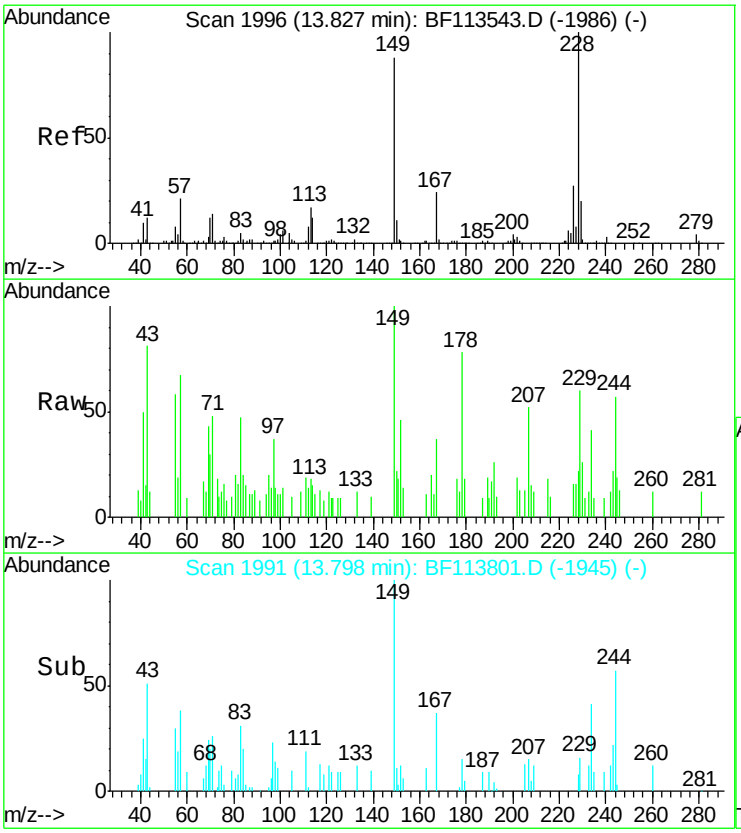
#83
Chrysene
Concen: 2603.716 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 105514

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.3	16.3	24.5

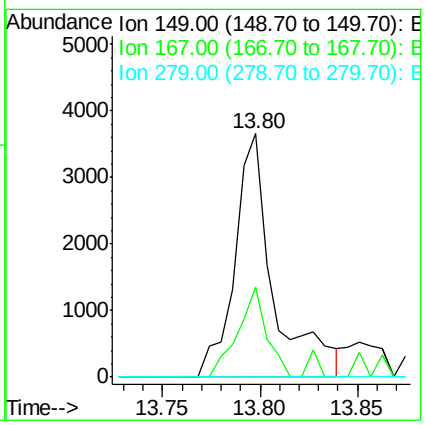


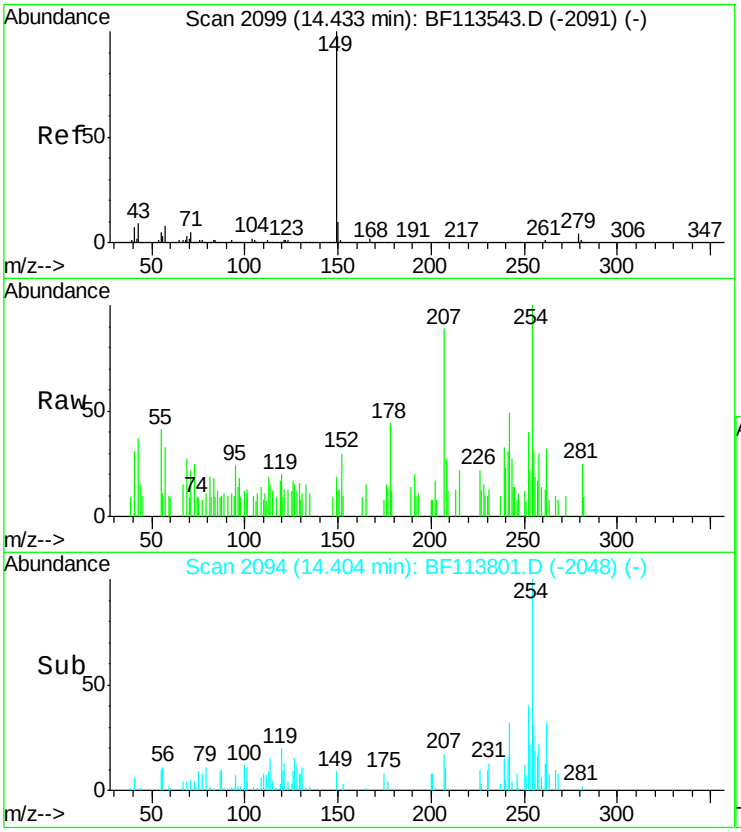


#84
Bis(2-ethylhexyl)phthalate
Concen: 194.364 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:149 Resp: 5044

Ion	Ratio	Lower	Upper
149	100		
167	37.1	21.8	32.8#
279	0.0	2.9	4.3#



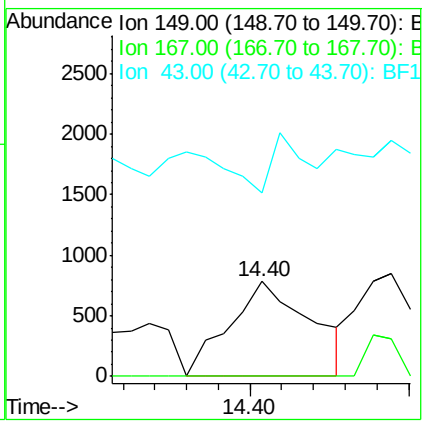


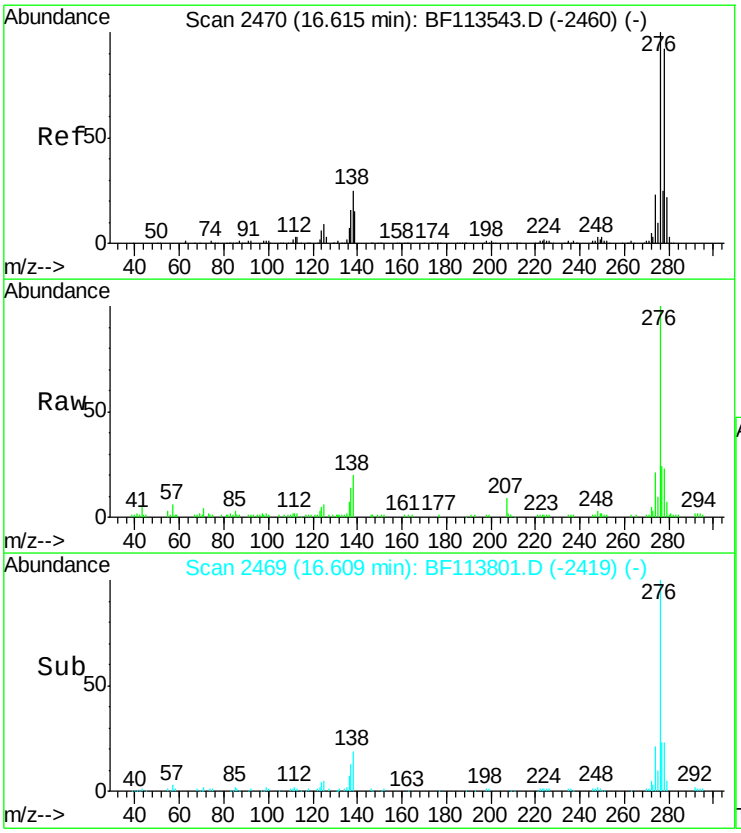
#85
Di-n-octyl phthalate
Concen: 33.070 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1395

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.7	11.5#

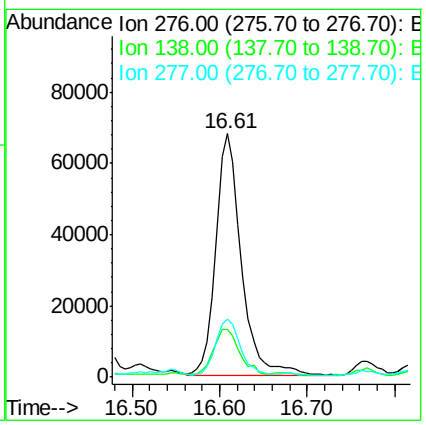


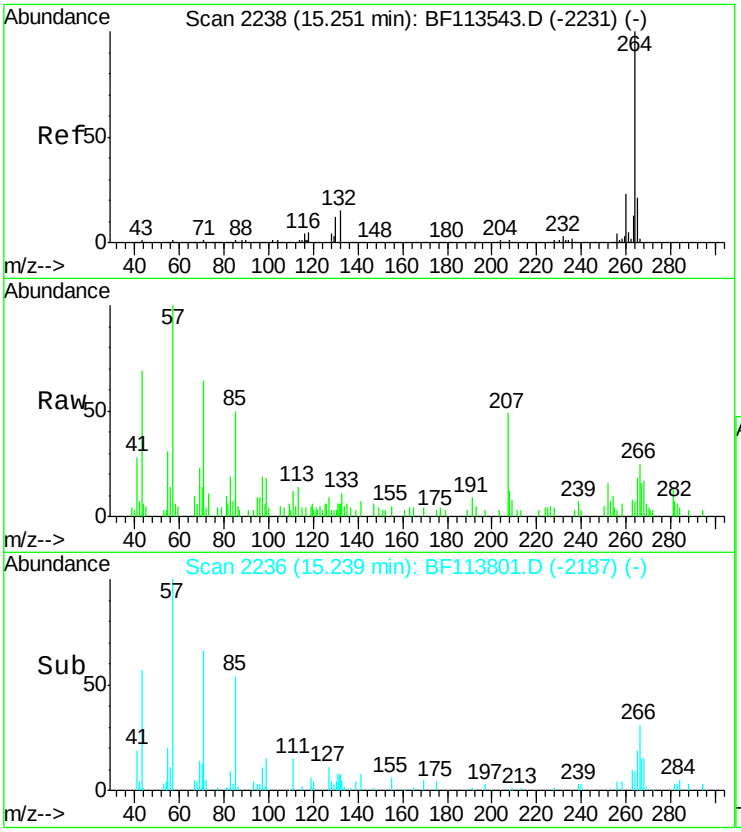


#86
Indeno(1,2,3-cd)pyrene
Concen: 3636.220 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:276 Resp: 136051

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.1	27.1
277	22.8	20.2	30.4



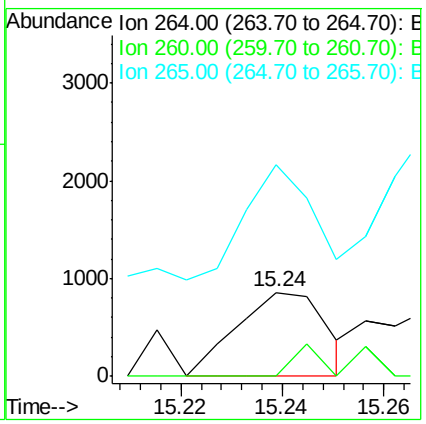


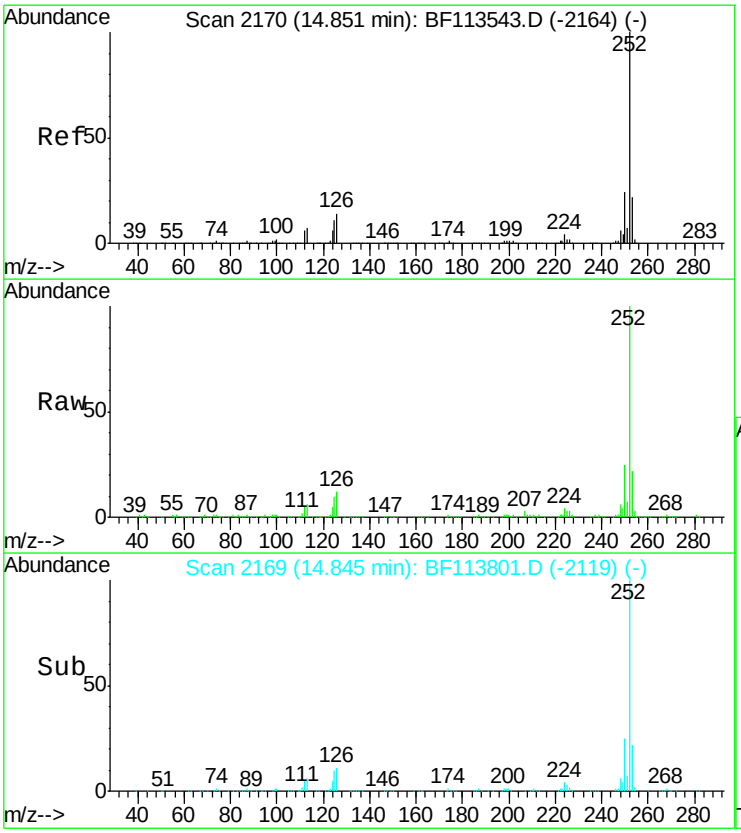
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 1045

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.1	28.7#
265	253.0	17.1	25.7#

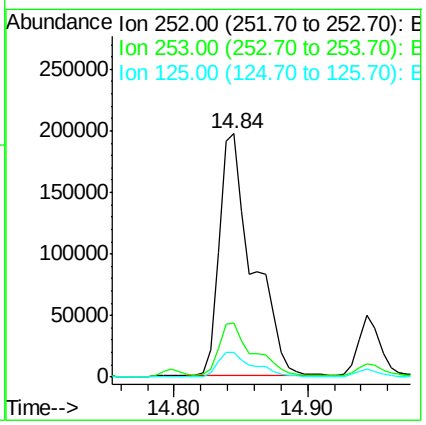


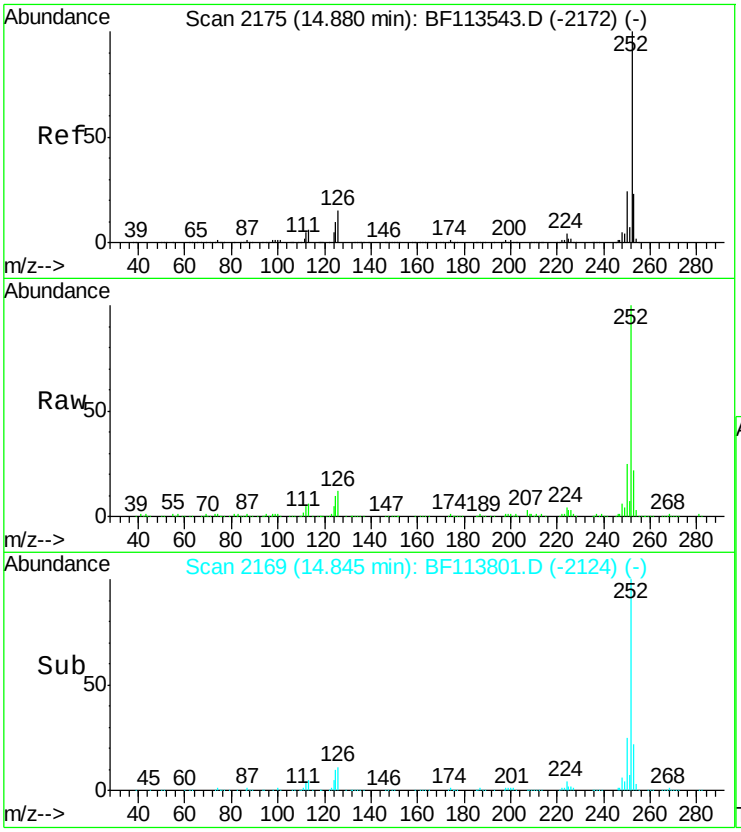


#88
Benzo(b)fluoranthene
Concen: 5405.402 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:252 Resp: 345767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.0	7.6	11.4



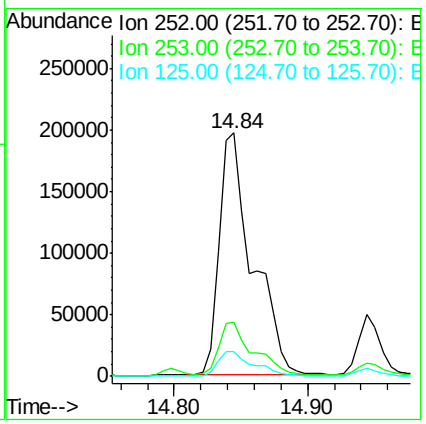


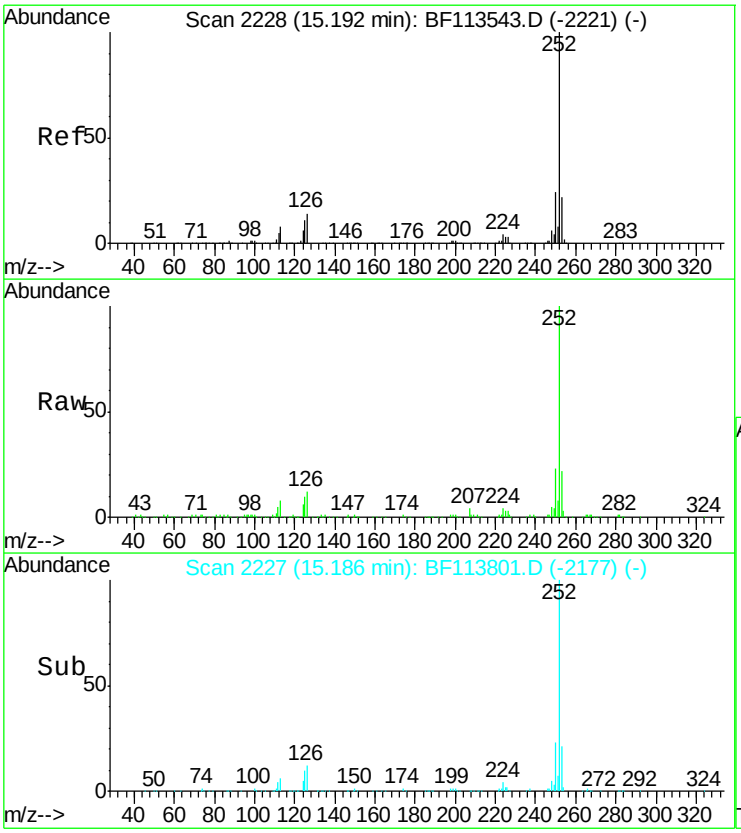
#89
Benzo(k)fluoranthene
Concen: 6022.889 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 345767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.3	10.9

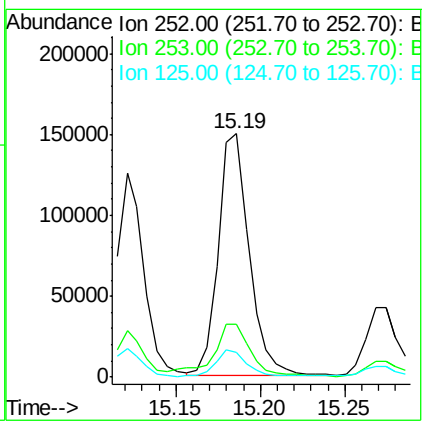


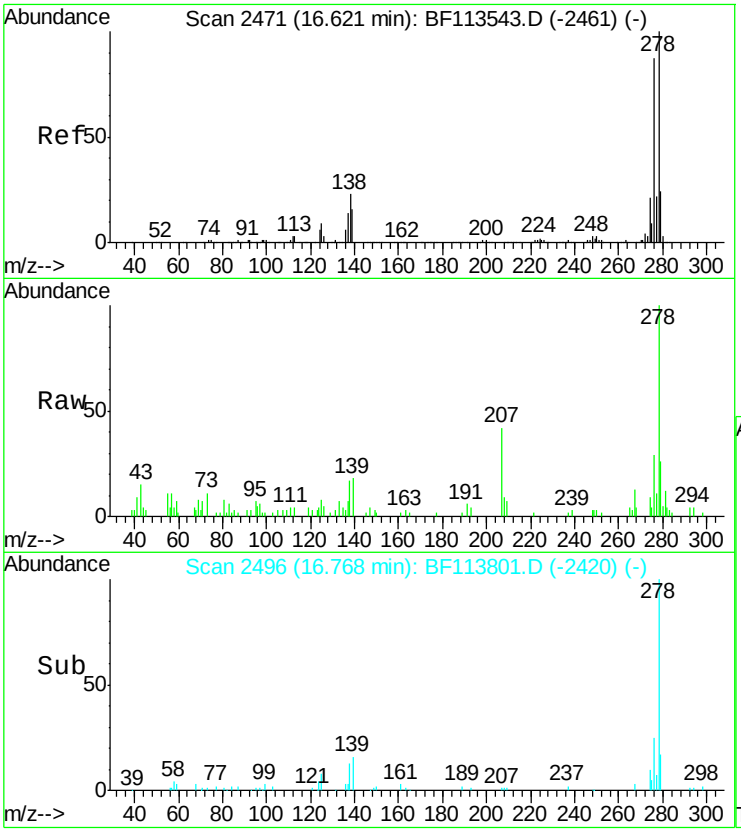


#90
Benzo(a)pyrene
Concen: 3367.673 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:252 Resp: 191422

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.1	8.8	13.2



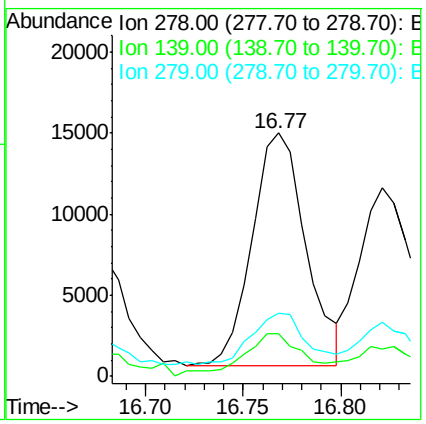


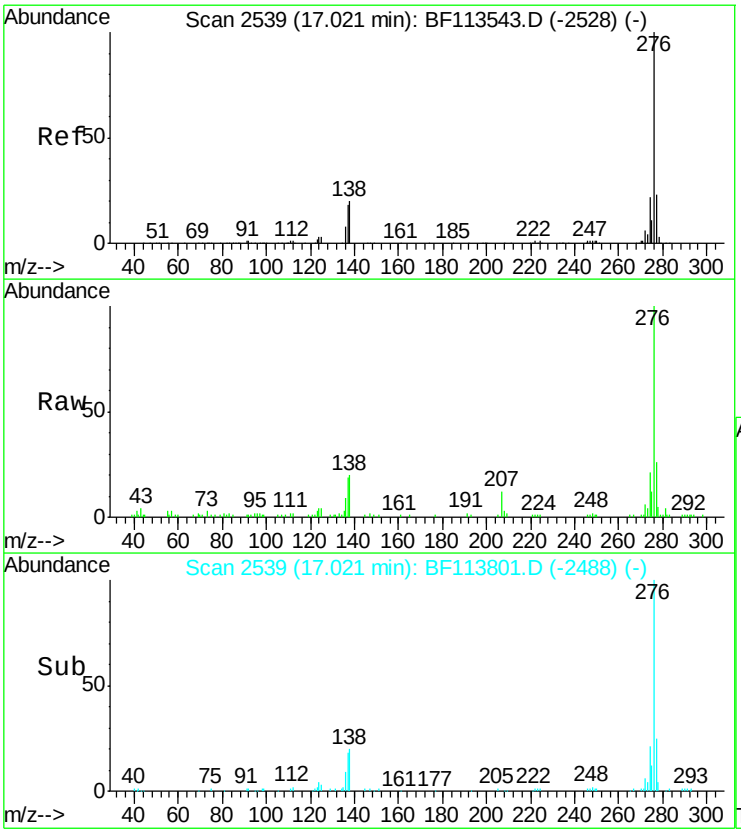
#91
Dibenzo(a,h)anthracene
Concen: 514.459 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.15 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 27346

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.0	18.0
279	26.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 2023.384 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:276 Resp: 109778

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	20.4	15.6	23.4