Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112935.D
Acq On : 7 Mar 2019 21:34
Operator : JU/SJ
Sample : K1753-01DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 00:21:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	200305	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	795780	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	370576	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	683614	20.00	ng		0.00
76) Chrysene-d12	13.86	240	496827	20.00	ng		-0.01
87) Perylene-d12	15.27	264	576692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	567024	44.03	ng		-0.01
7) Phenol-d6	6.36	99	752628	46.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	438682	32.99	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	214952	54.64	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	856533	32.27	ng		-0.01
79) Terphenyl-d14	12.82	244	689928	26.92	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	56316	5.497	ng	#	75
25) Isophorone	7.29	82	438676	15.311	ng	#	66
49) Acenaphthylene	9.62	152	105200	2.626	ng		97
51) 2,6-Dinitrotoluene	9.76	165	48626	8.546	ng	#	18
55) Dibenzofuran	9.96	168	76794	2.255	ng		94
56) 4-Nitrophenol	9.96	139	27804	4.934	ng	#	8
57) 2,4-Dinitrotoluene	9.76	165	48626	6.875	ng	#	18
58) Fluorene	10.30	166	57475	2.378	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	228	4.686	ng	#	1
71) Phenanthrene	11.26	178	1165847	34.277	ng		99
73) Carbazole	11.46	167	98343	2.832	ng		99
75) Fluoranthene	12.44	202	1331350	36.535	ng		98
78) Pyrene	12.67	202	1021141	24.380	ng		100
81) Benzo(a)anthracene	13.89	228	559093	16.237	ng		96
83) Chrysene	13.89	228	559093	16.576	ng		97
86) Indeno(1,2,3-cd)pyrene	16.47	276	64896	2.257	ng		94
88) Benzo(b)fluoranthene	14.87	252	1026028	27.506	ng		99
89) Benzo(k)fluoranthene	14.87	252	1026028	30.366	ng		99
90) Benzo(a)pyrene	15.21	252	448088	13.581	ng		97
92) Benzo(g,h,i)perylene	17.02	276	282143	9.980	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
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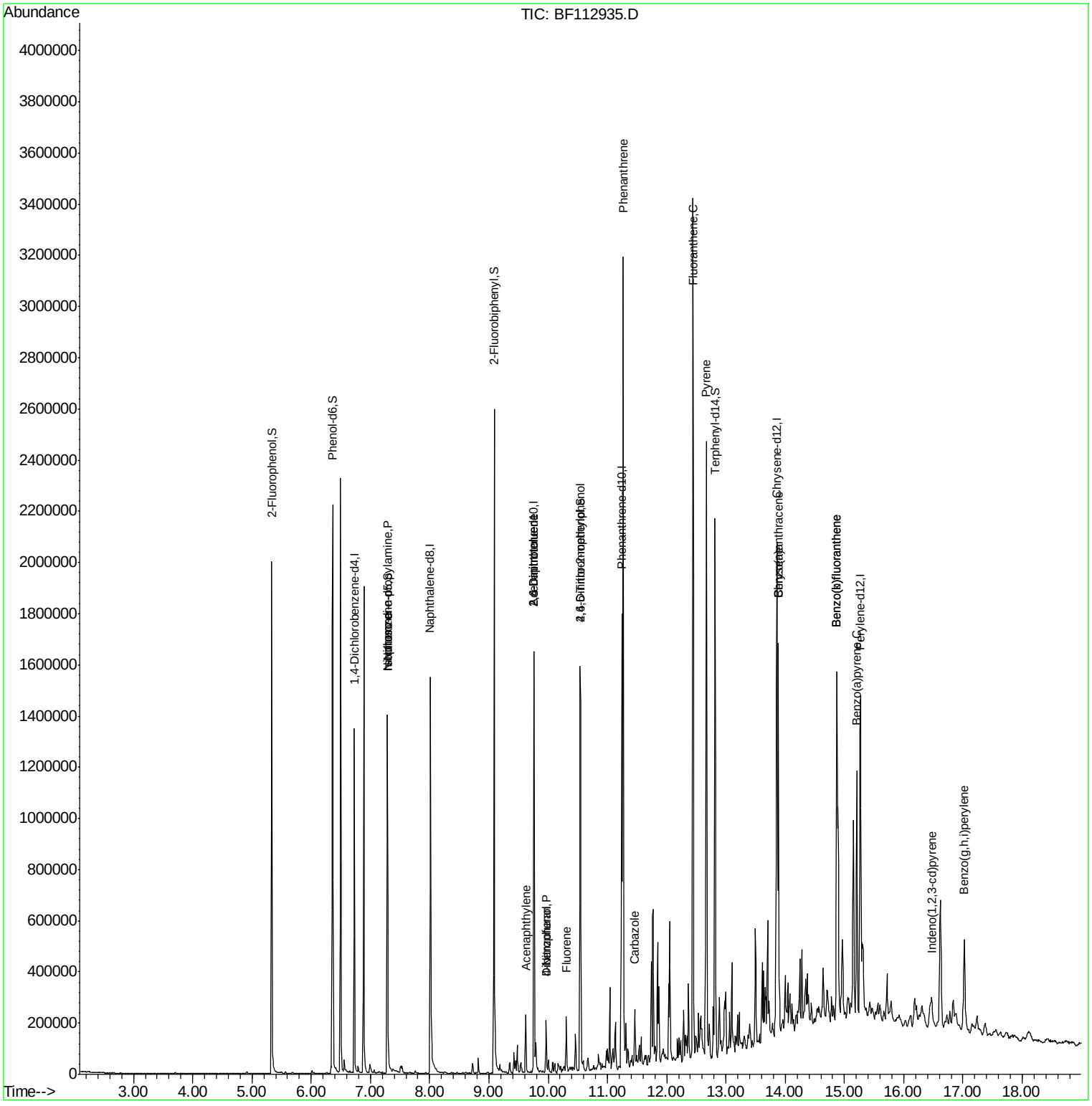
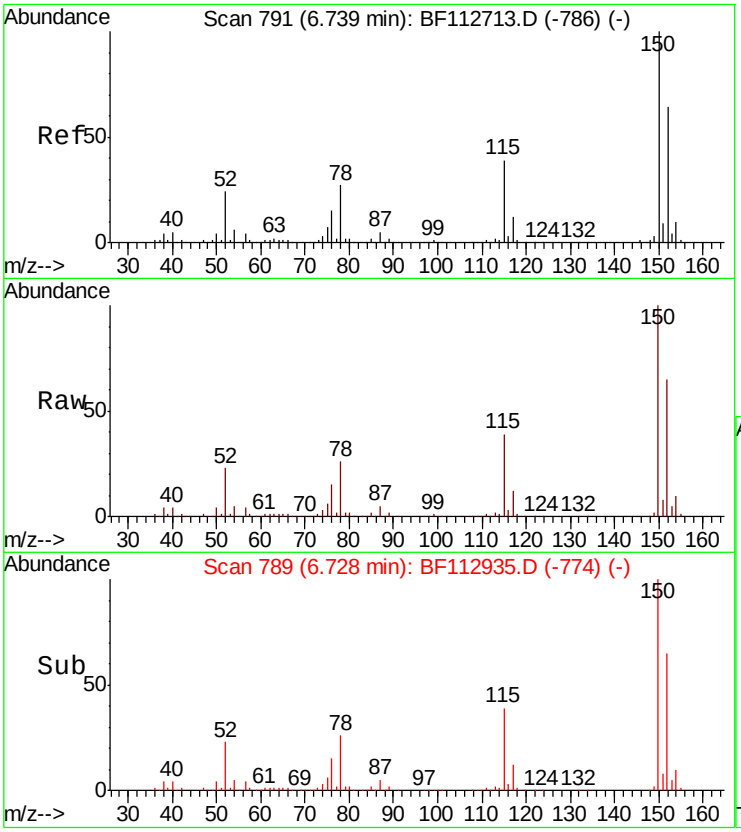


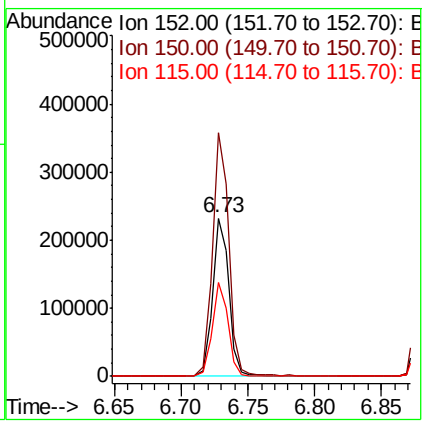


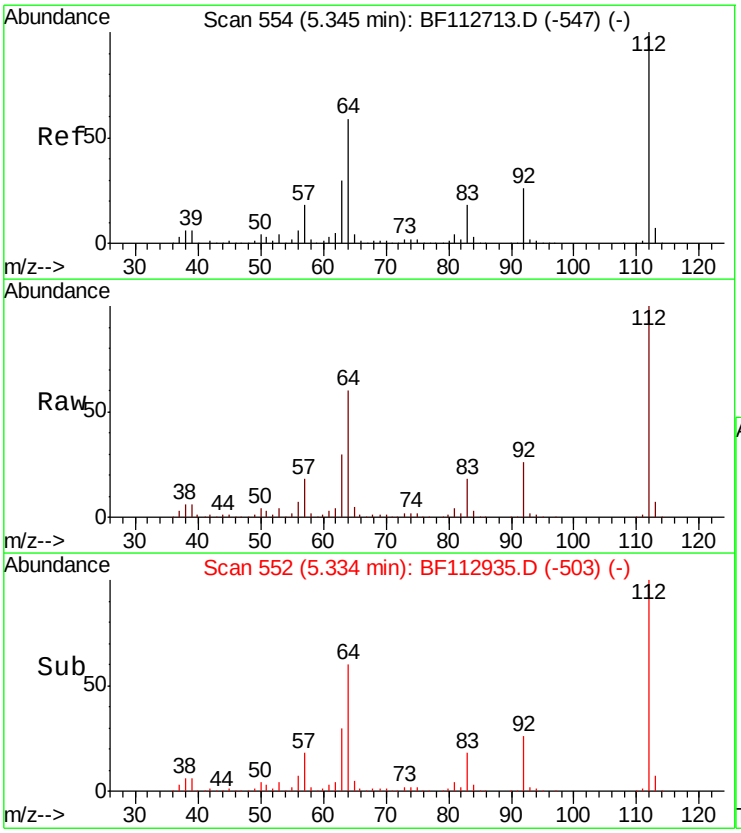
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 200305

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	59.3	48.2	72.4

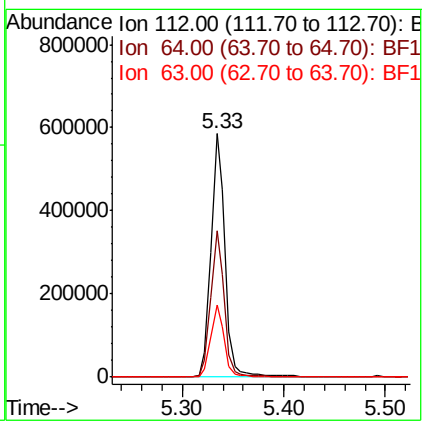


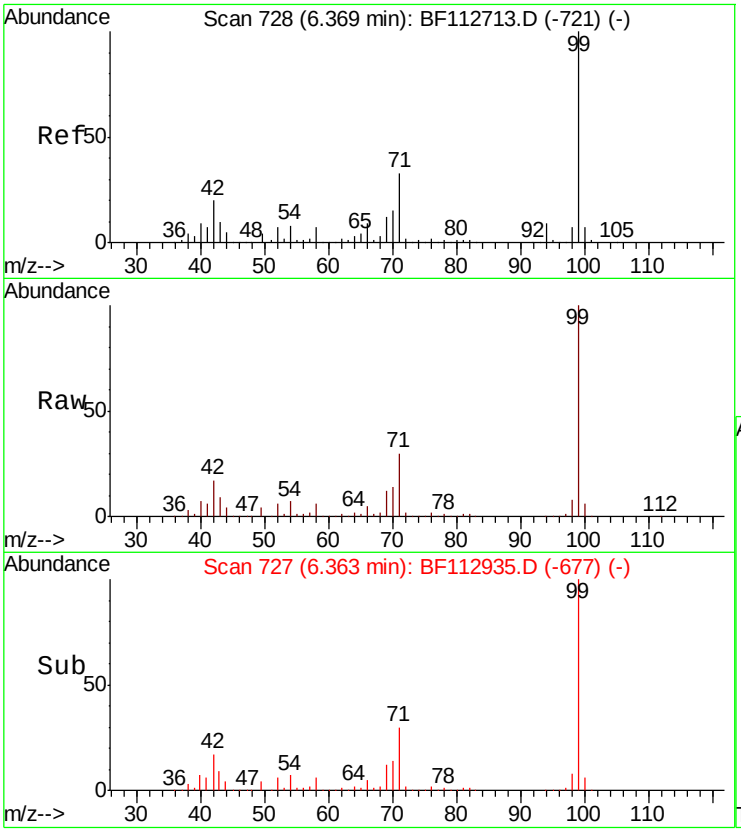


#5
2-Fluorophenol
Concen: 44.034 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:112 Resp: 567024

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.6	71.4
63	29.5	24.4	36.6



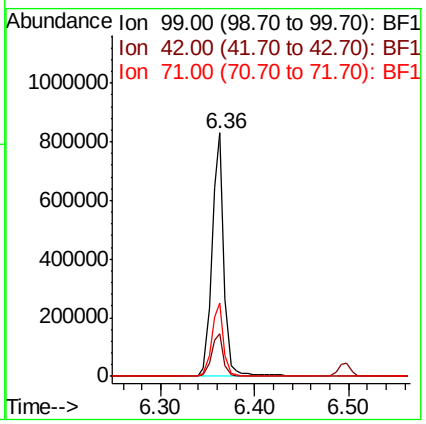


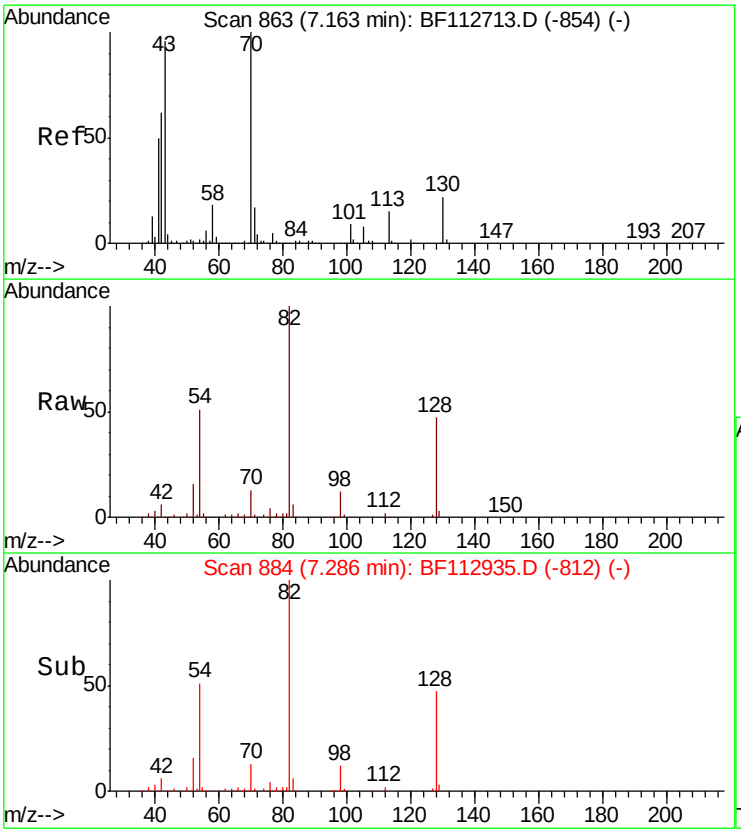
#7
Phenol-d6
Concen: 46.529 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 752628

Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	29.9	26.2	39.4

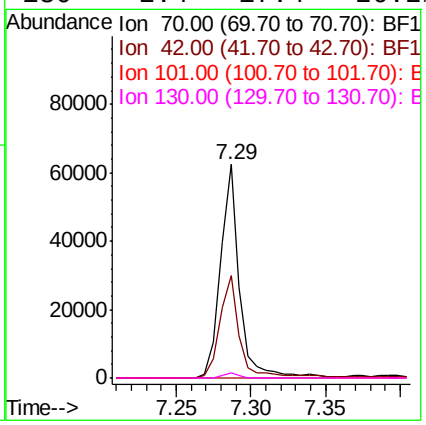


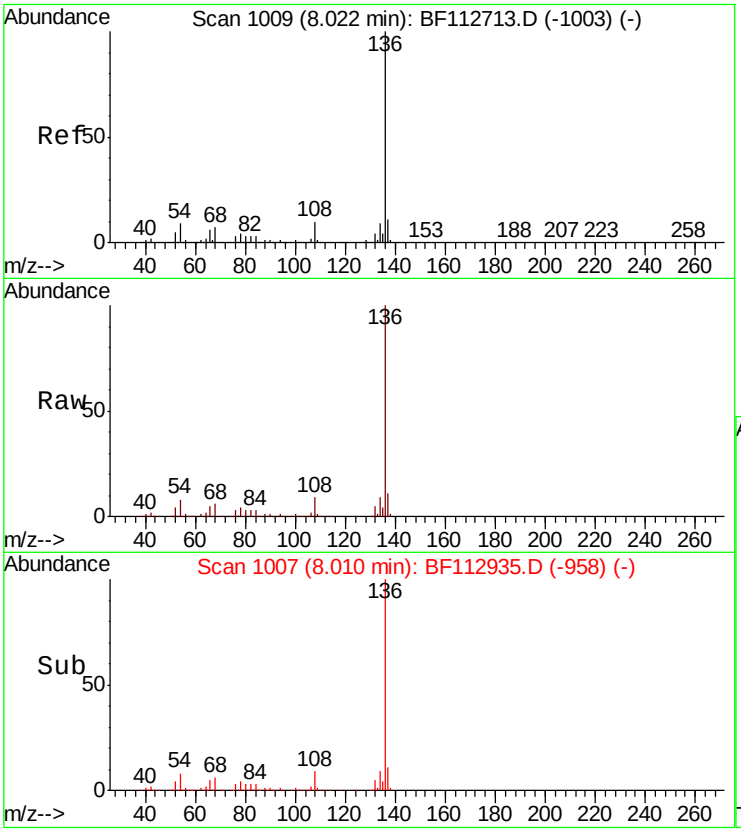


#19
n-Nitroso-di-n-propylamine
Concen: 5.497 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion: 70 Resp: 56316

Ion	Ratio	Lower	Upper
70	100		
42	48.0	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



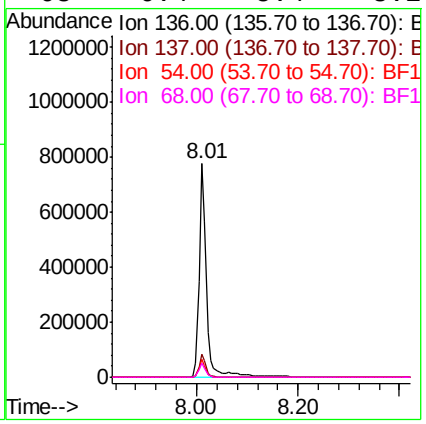


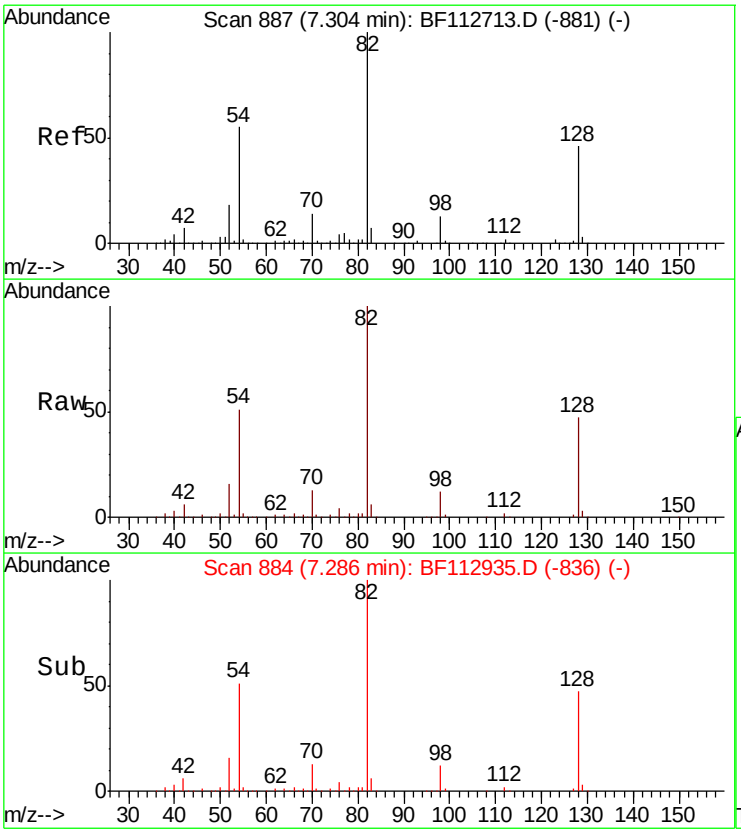
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 795780

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.4	5.4	8.2

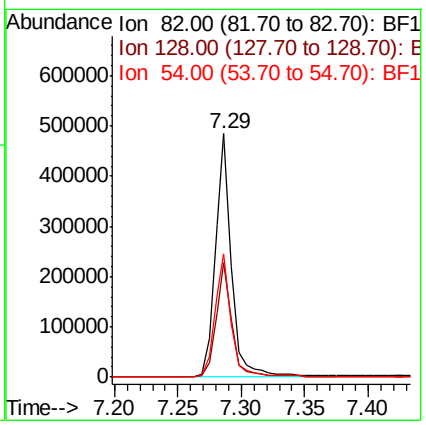


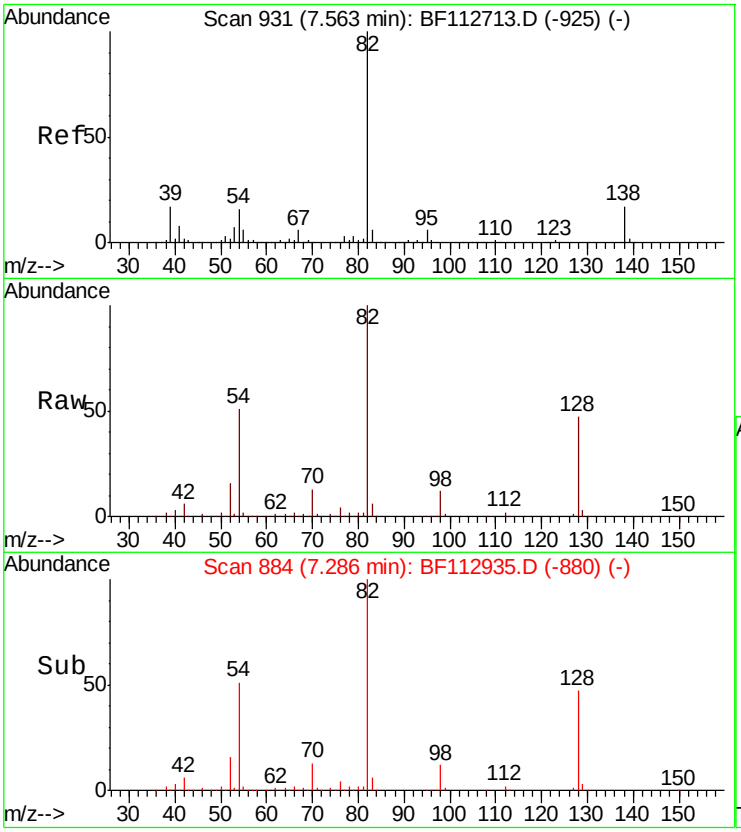


#23
Nitrobenzene-d5
Concen: 32.986 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion: 82 Resp: 438682

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	50.7	43.7	65.5



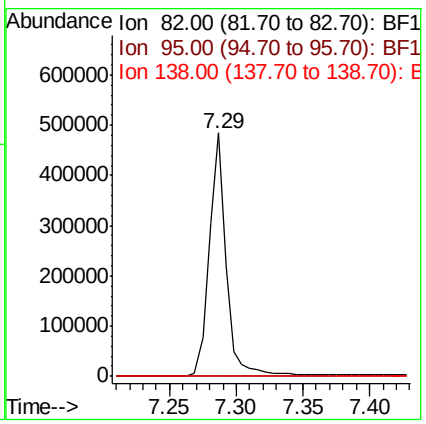


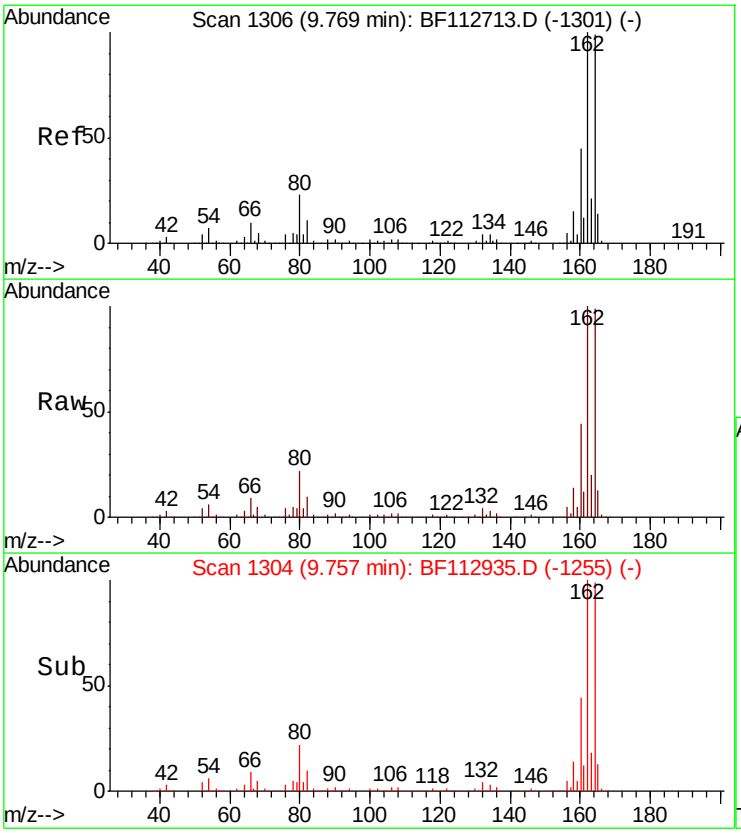
#25
Isophorone
Concen: 15.311 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 438676

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#

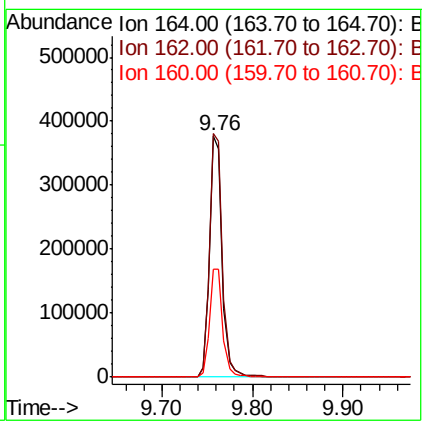


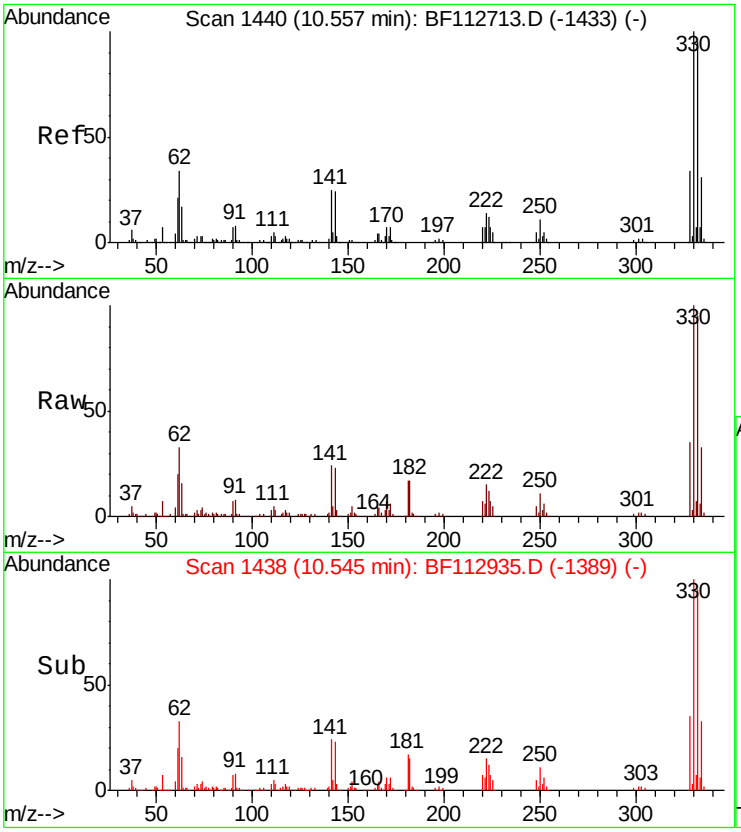


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:164 Resp: 370576

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.6	36.0	54.0



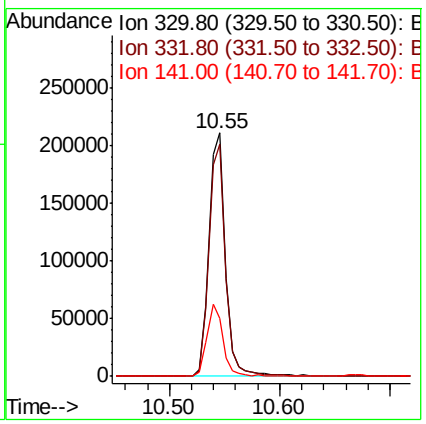


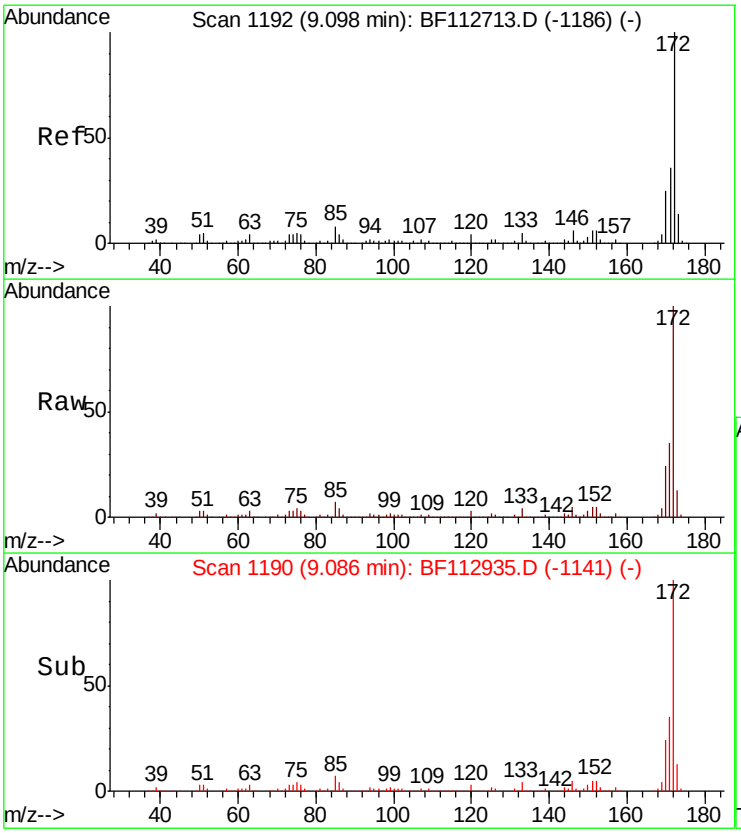
#42
2,4,6-Tribromophenol
Concen: 54.638 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 214952

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	29.2	27.0	40.6

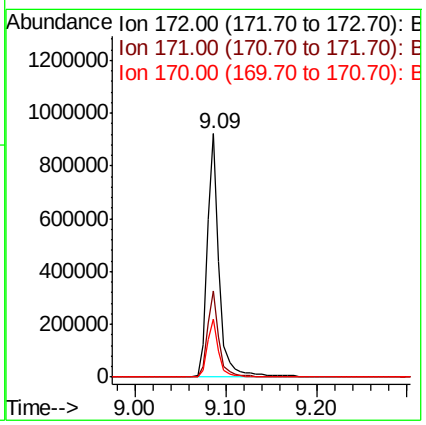


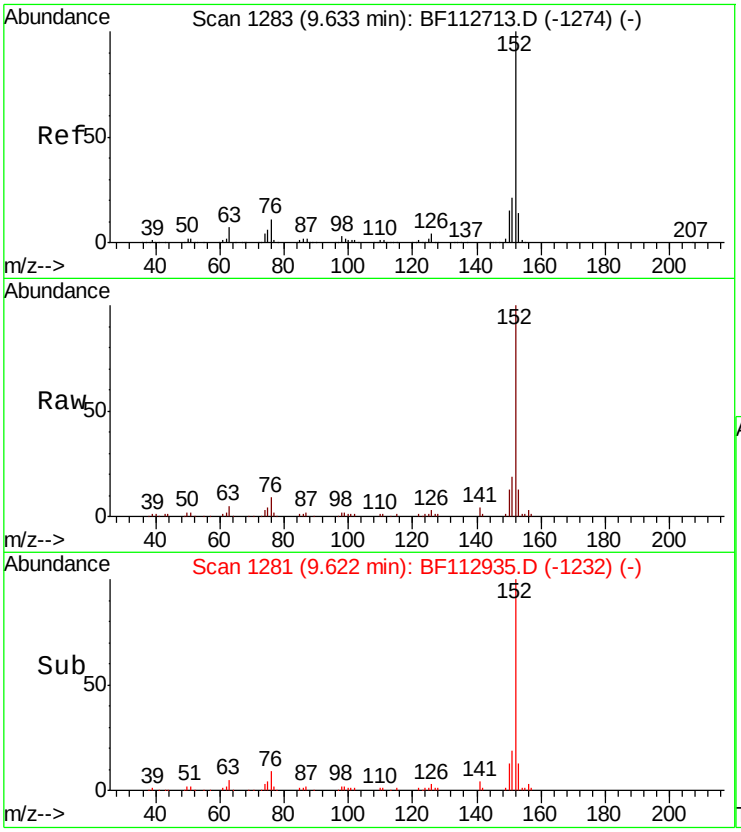


#45
2-Fluorobiphenyl
Concen: 32.266 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:172 Resp: 856533

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.7	20.0	30.0



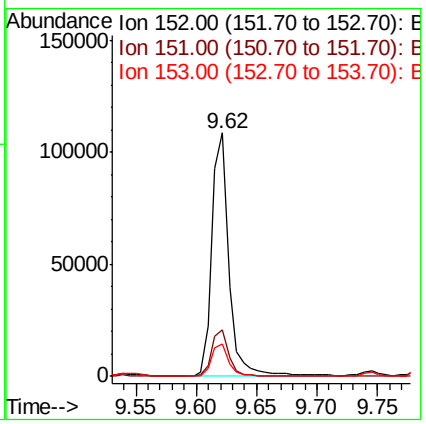


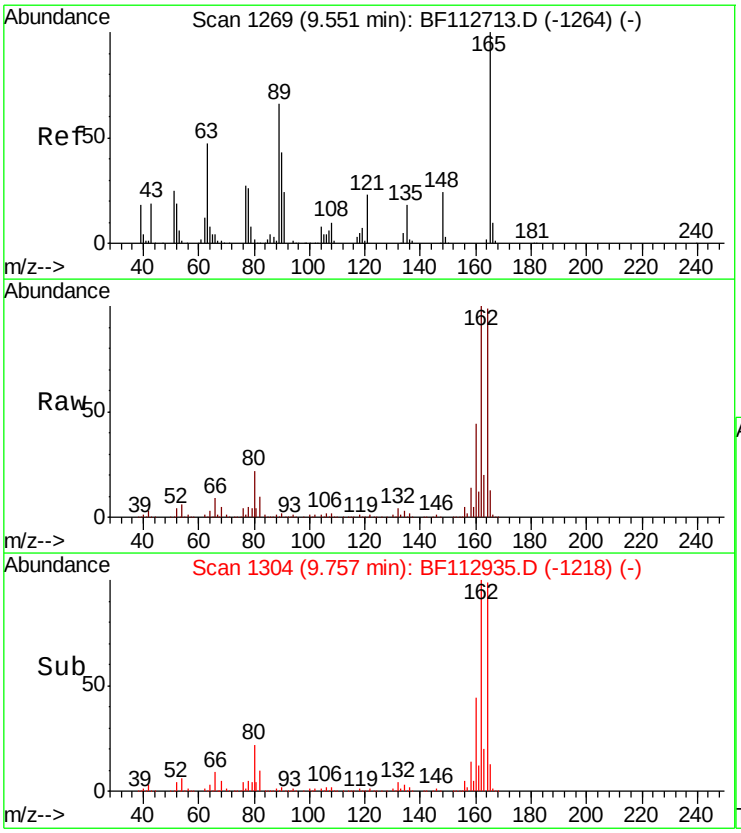
#49
Acenaphthylene
Concen: 2.626 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105200

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.9	25.3
153	13.1	11.0	16.6

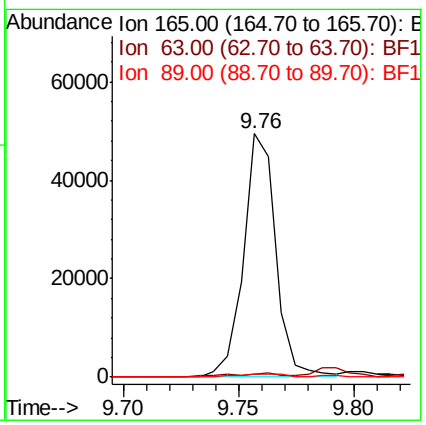


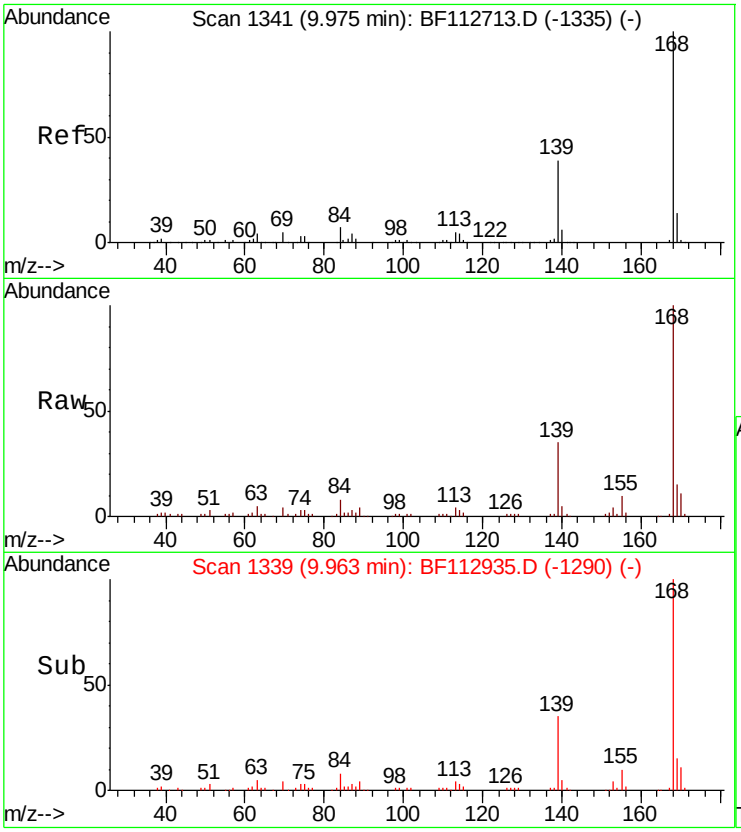


#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:165 Resp: 48626

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.4	52.8	79.2#



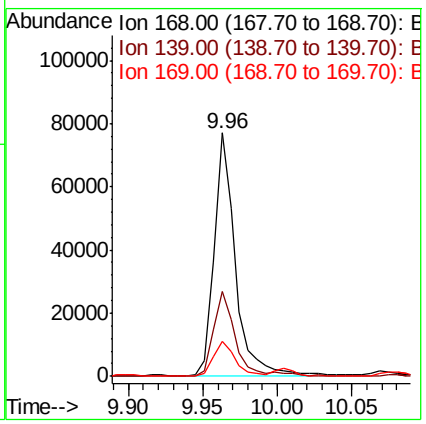


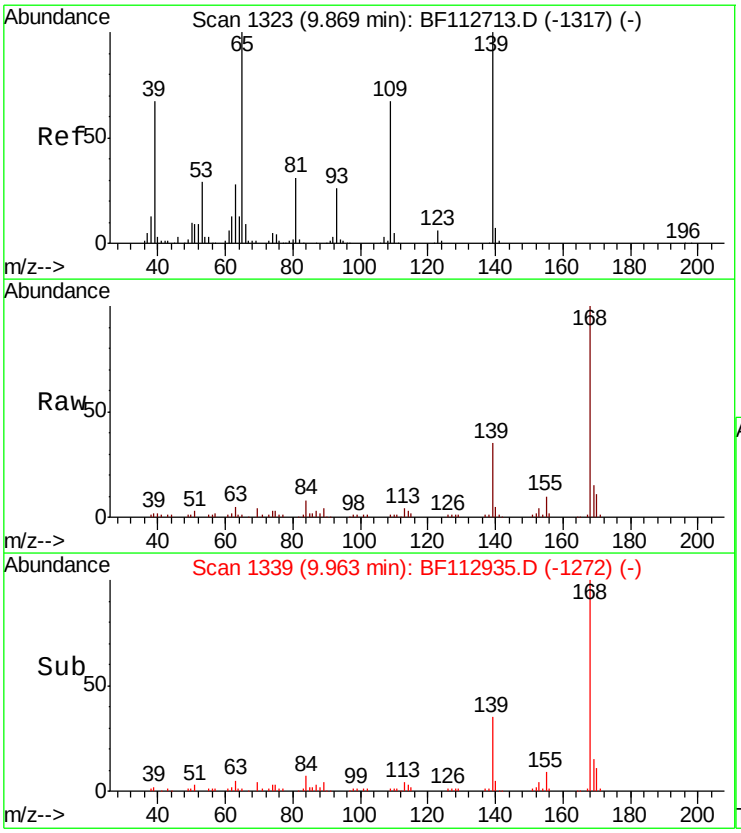
#55
Dibenzofuran
Concen: 2.255 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 76794

Ion	Ratio	Lower	Upper
168	100		
139	34.7	31.3	46.9
169	14.5	11.3	16.9

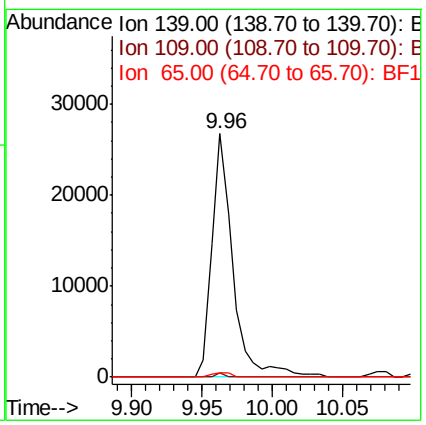


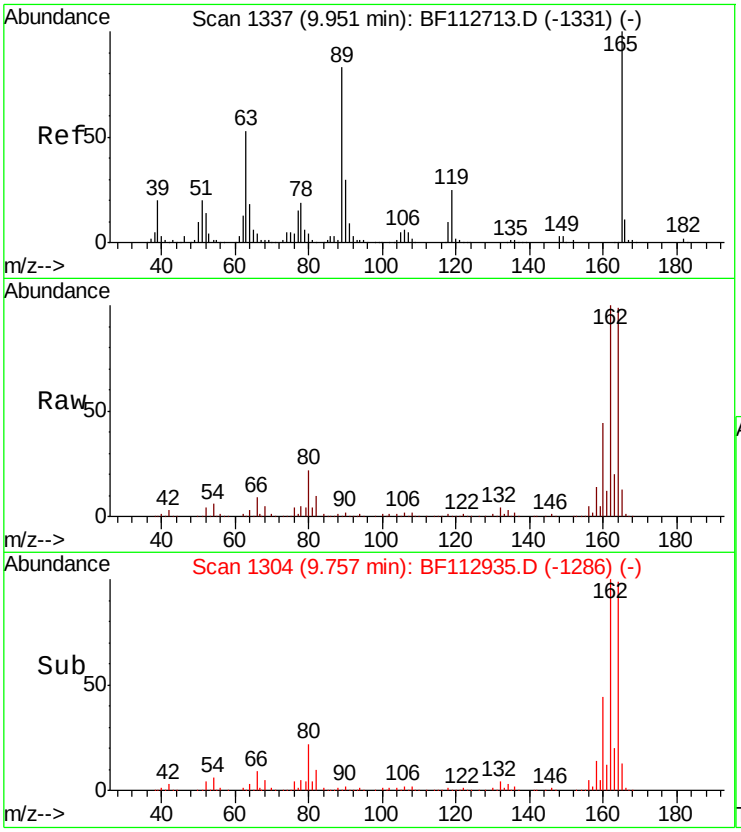


#56
4-Nitrophenol
Concen: 4.934 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:139 Resp: 27804

Ion	Ratio	Lower	Upper
139	100		
109	1.6	46.8	86.8#
65	2.0	80.7	120.7#



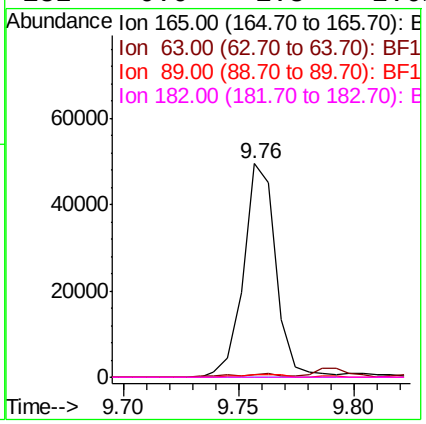


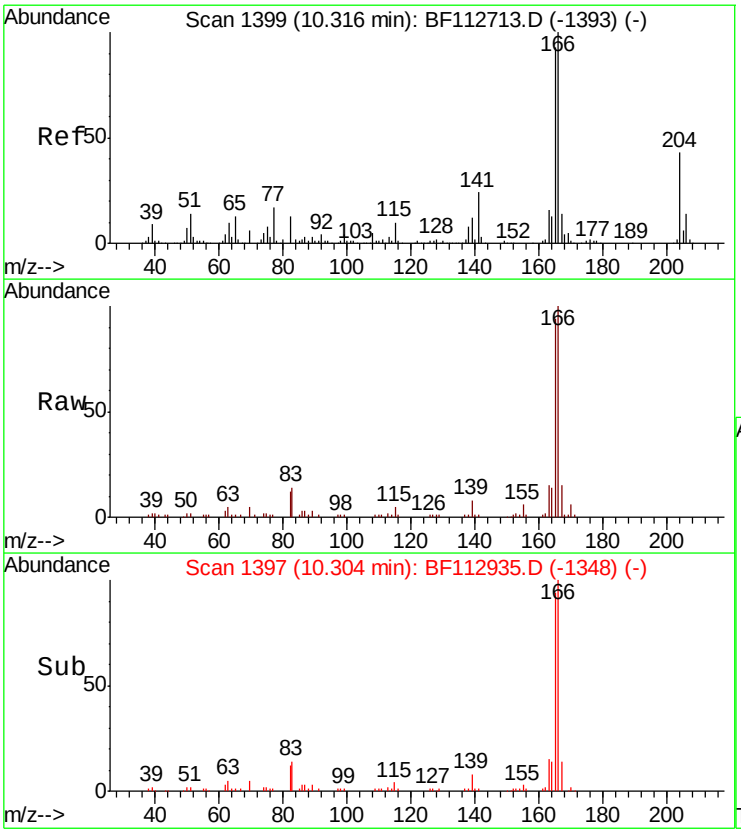
#57
2,4-Dinitrotoluene
Concen: 6.875 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 48626

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

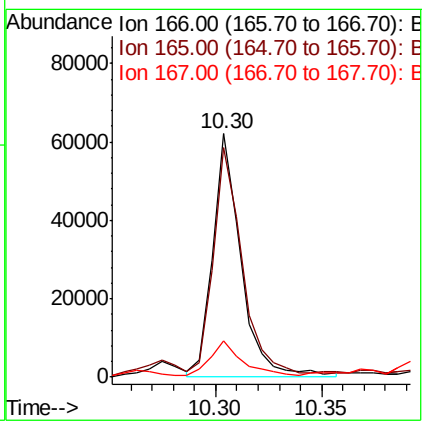


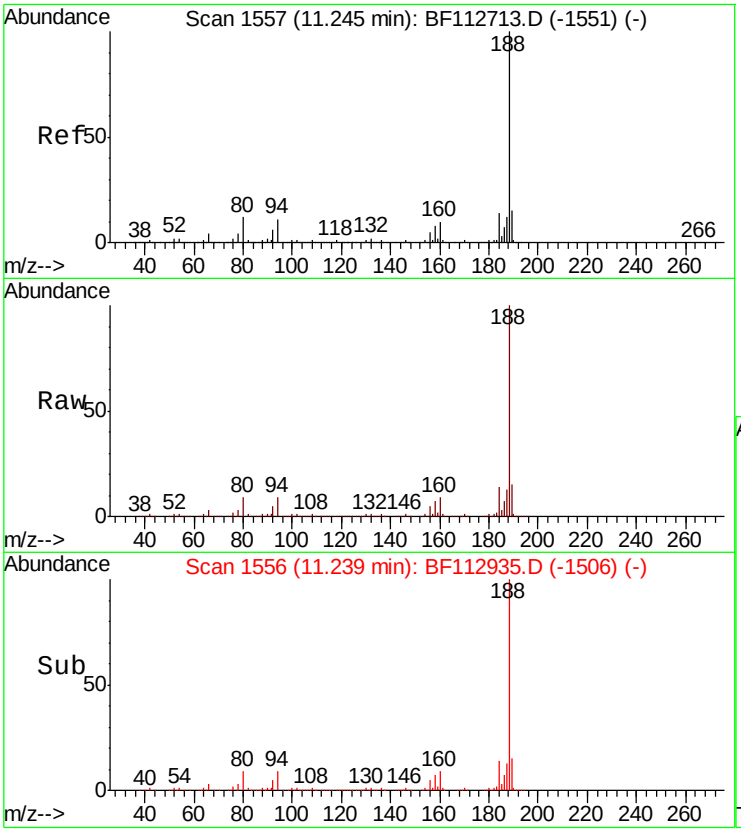


#58
Fluorene
Concen: 2.378 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:166 Resp: 57475

Ion	Ratio	Lower	Upper
166	100		
165	94.1	74.7	112.1
167	14.9	11.0	16.6



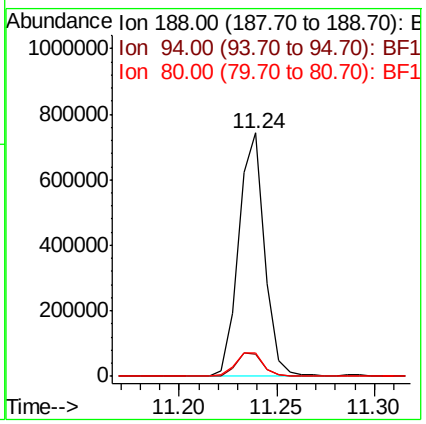


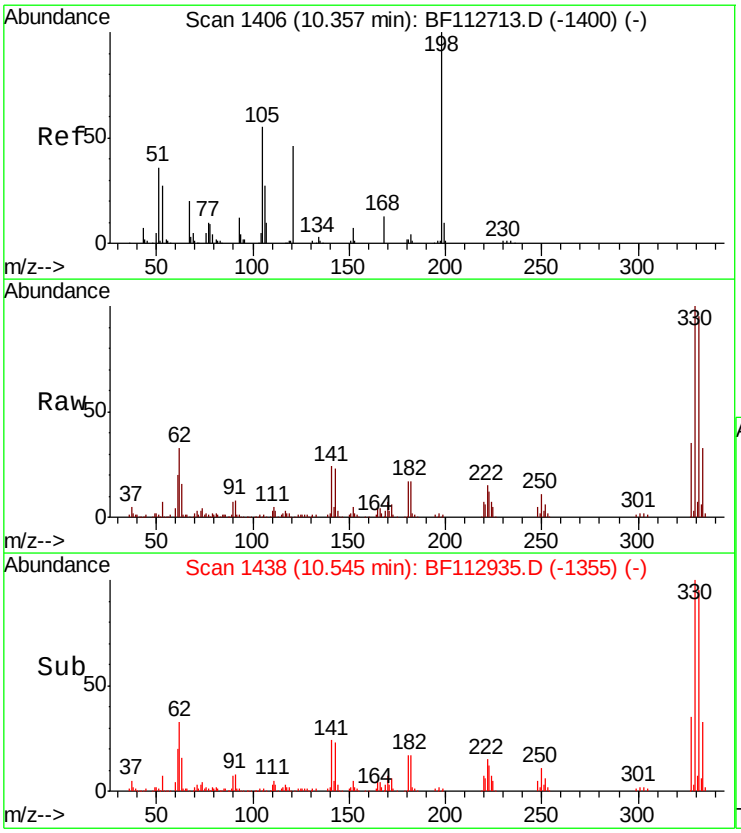
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 683614

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.4	9.2	13.8

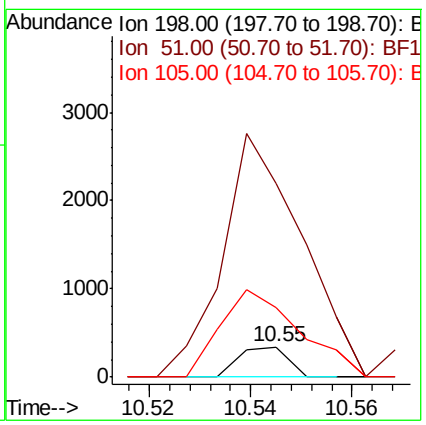


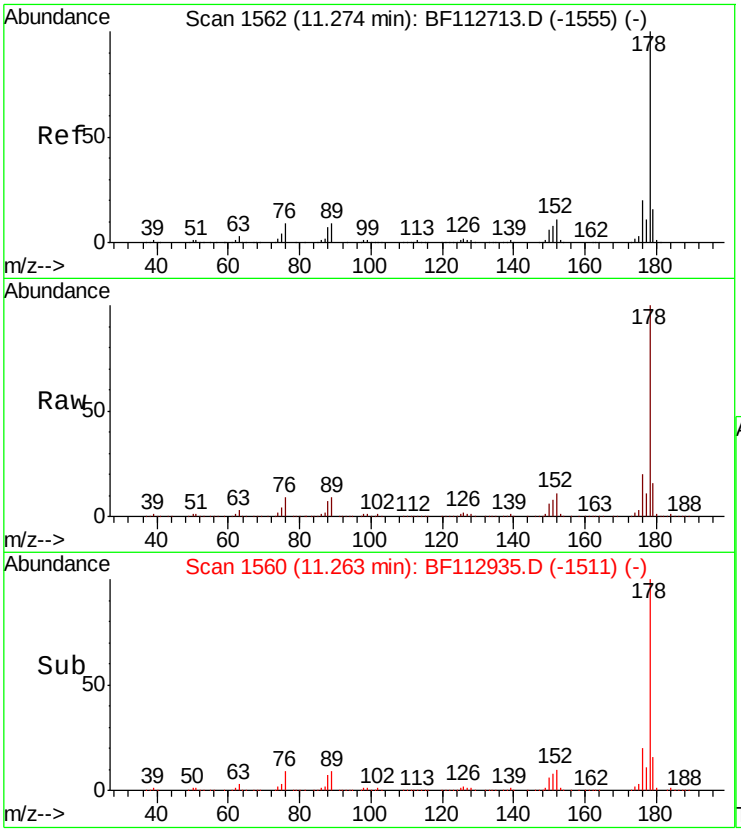


#65
4,6-Dinitro-2-methylphenol
Concen: 4.686 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:198 Resp: 228

Ion	Ratio	Lower	Upper
198	100		
51	639.4	43.8	83.8#
105	230.9	36.5	76.5#



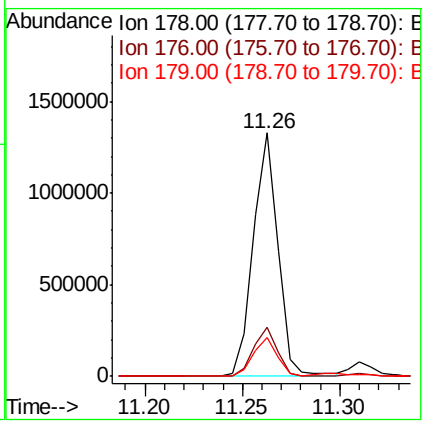


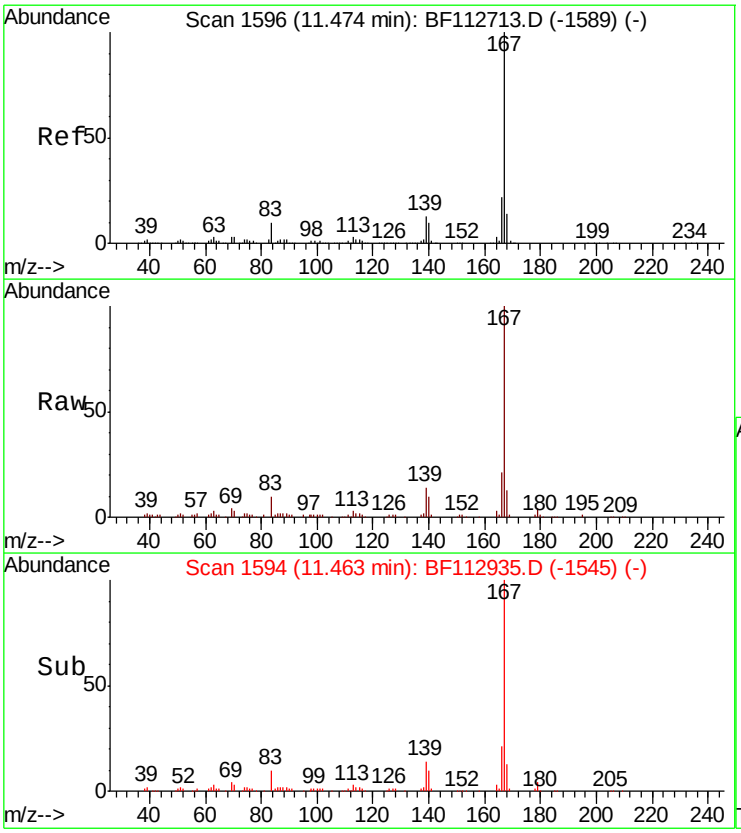
#71
Phenanthrene
Concen: 34.277 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1165847

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.8	12.7	19.1

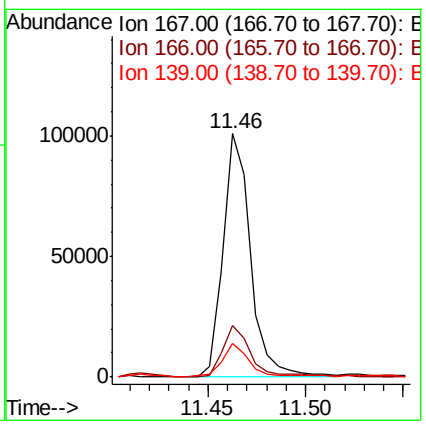


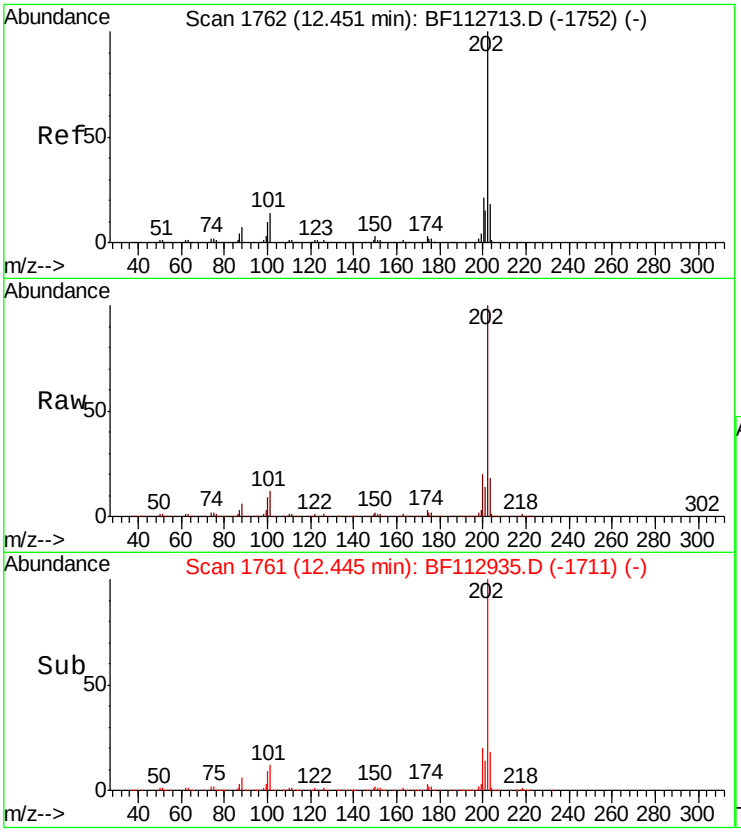


#73
Carbazole
Concen: 2.832 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:167 Resp: 98343

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.6	10.8	16.2



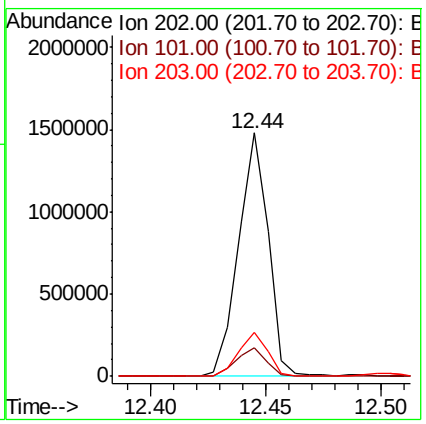


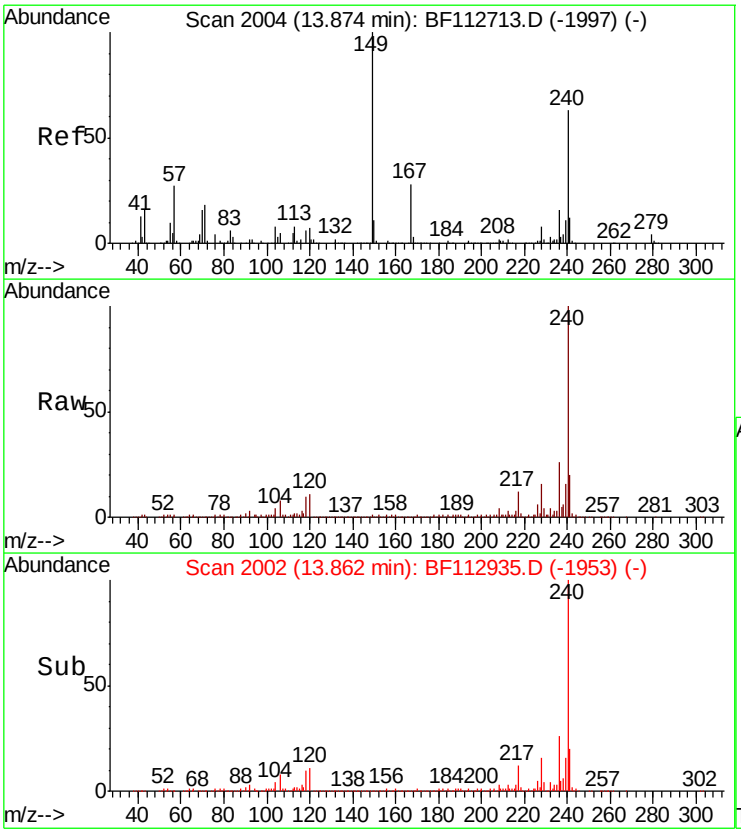
#75
Fluoranthene
Concen: 36.535 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1331350

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	18.3	0.0	38.4

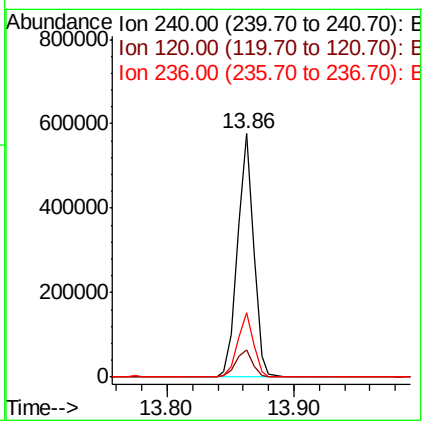


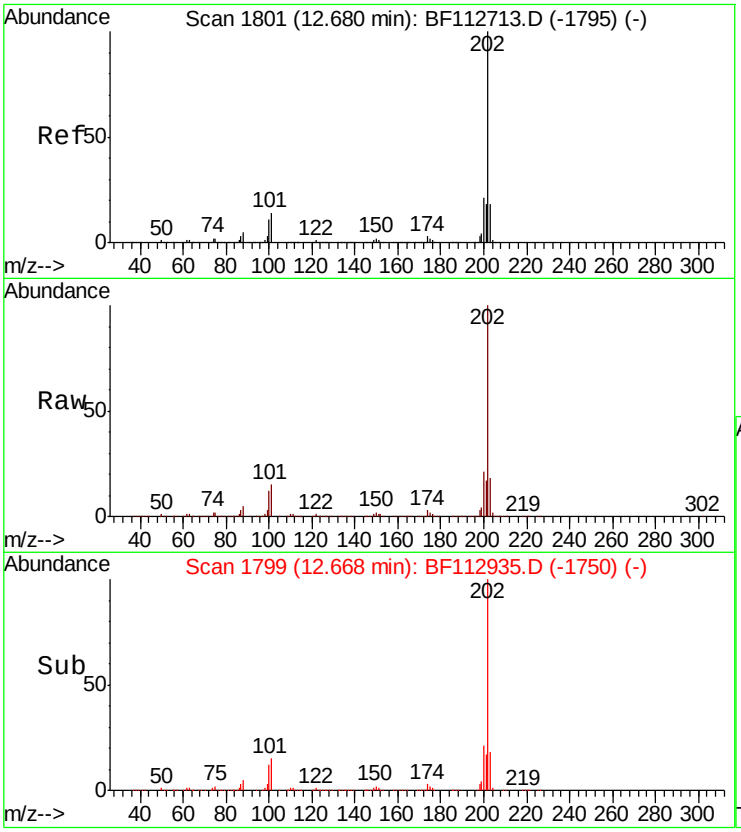


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:240 Resp: 496827

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.2	20.7	31.1



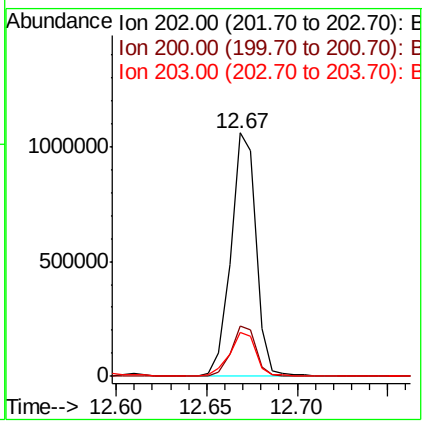


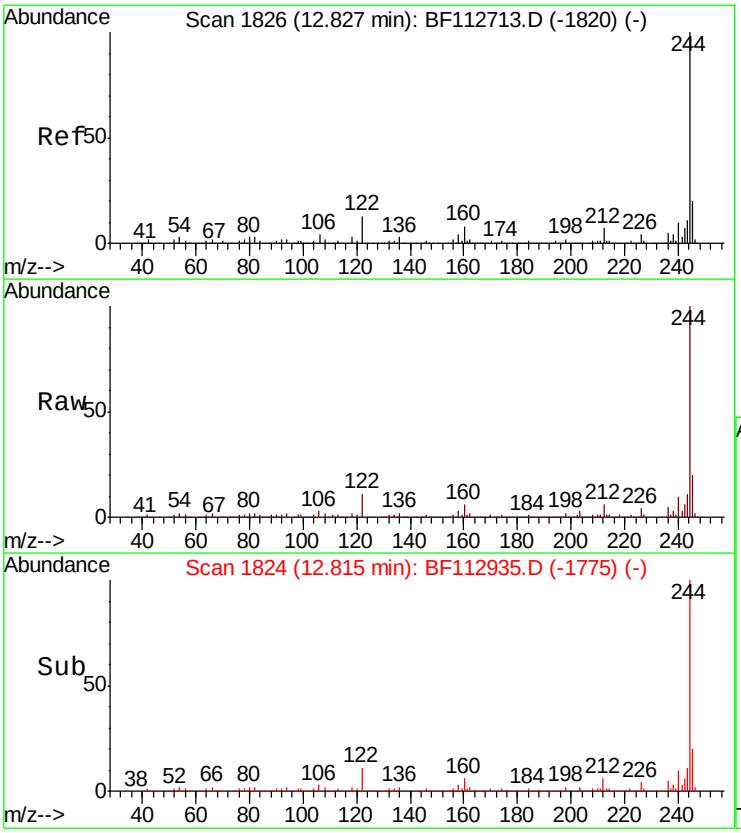
#78
Pyrene
Concen: 24.380 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1021141

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.0	14.4	21.6

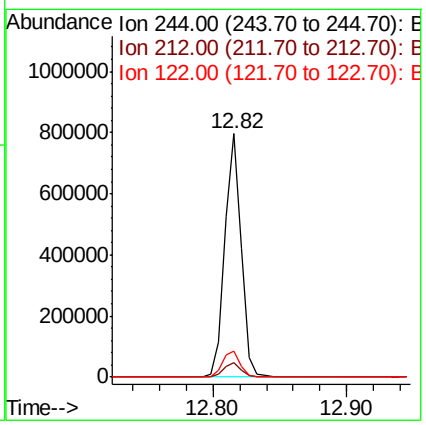


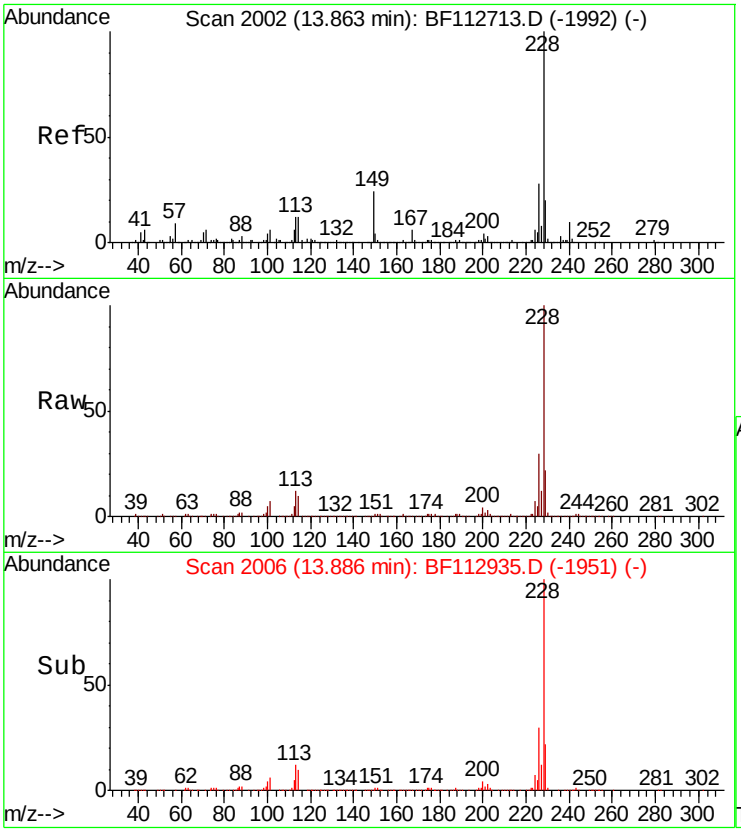


#79
Terphenyl-d14
Concen: 26.919 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:244 Resp: 689928

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.6	8.4
122	10.8	10.5	15.7



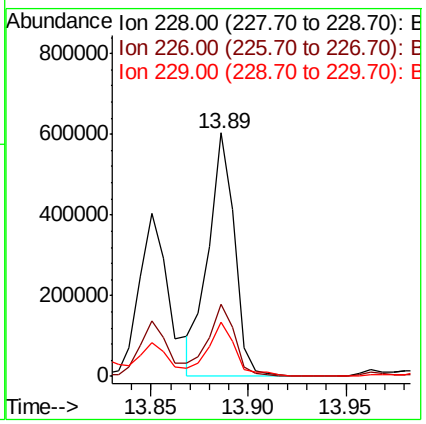


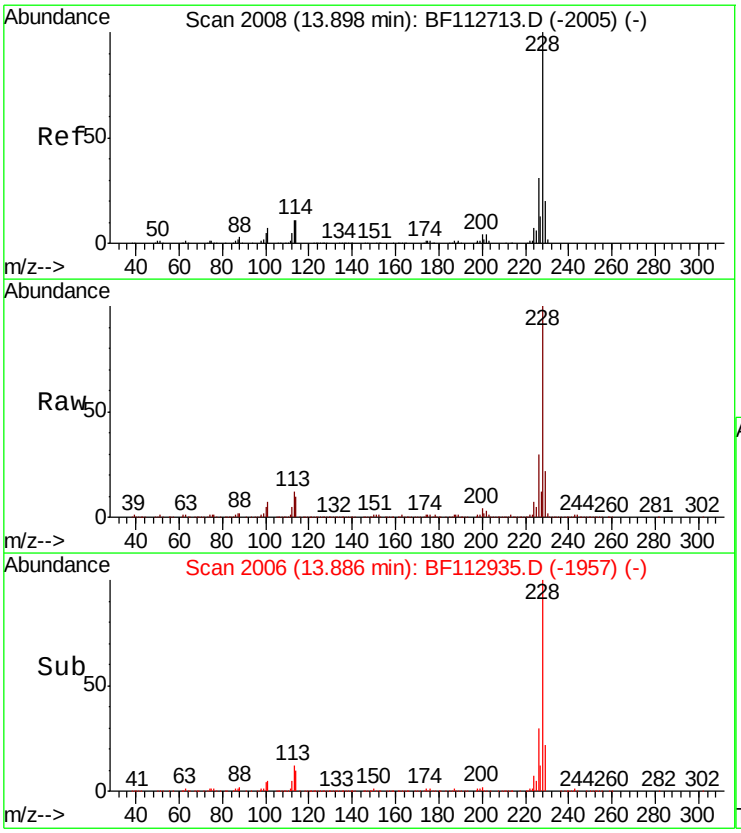
#81
Benzo(a)anthracene
Concen: 16.237 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 559093

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.2	33.4
229	22.2	16.0	24.0

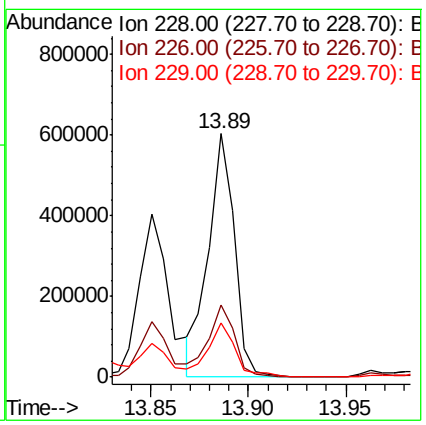


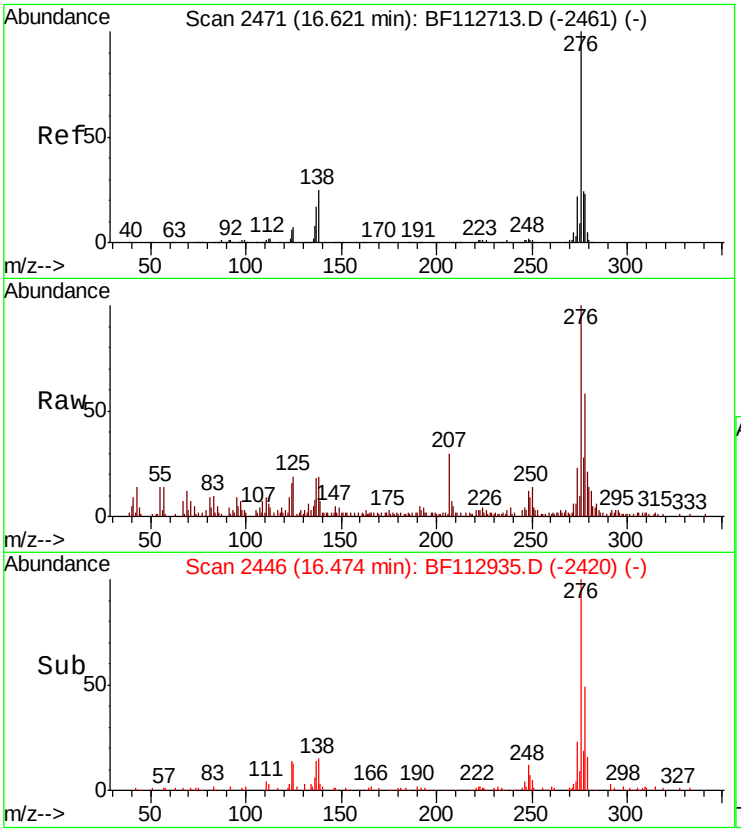


#83
Chrysene
Concen: 16.576 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:228 Resp: 559093

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.2	16.3	24.5



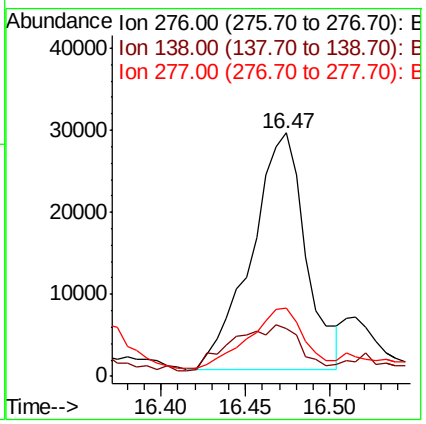


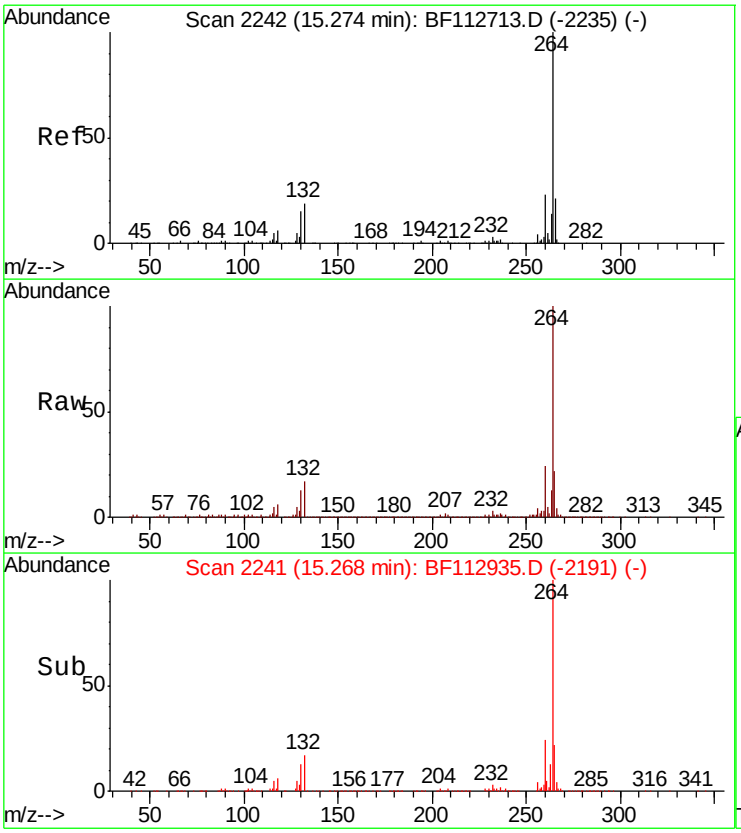
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.257 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.15 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64896

Ion	Ratio	Lower	Upper
276	100		
138	24.3	23.2	34.8
277	26.0	19.9	29.9

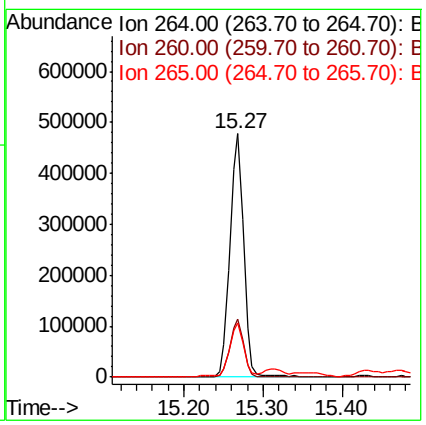


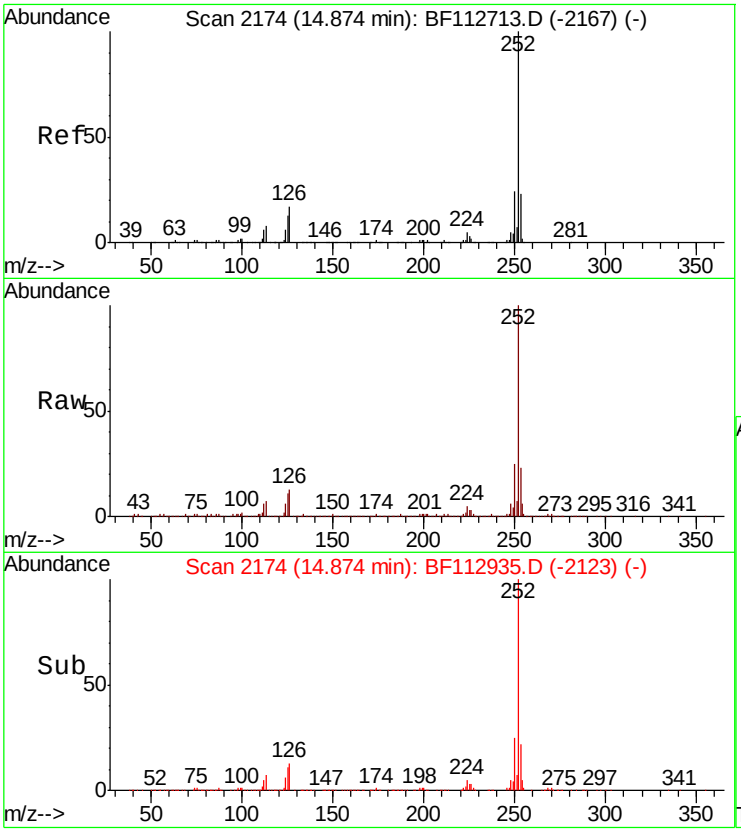


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:264 Resp: 576692

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.2	17.2	25.8



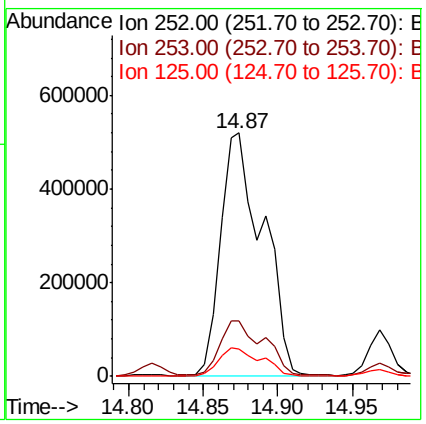


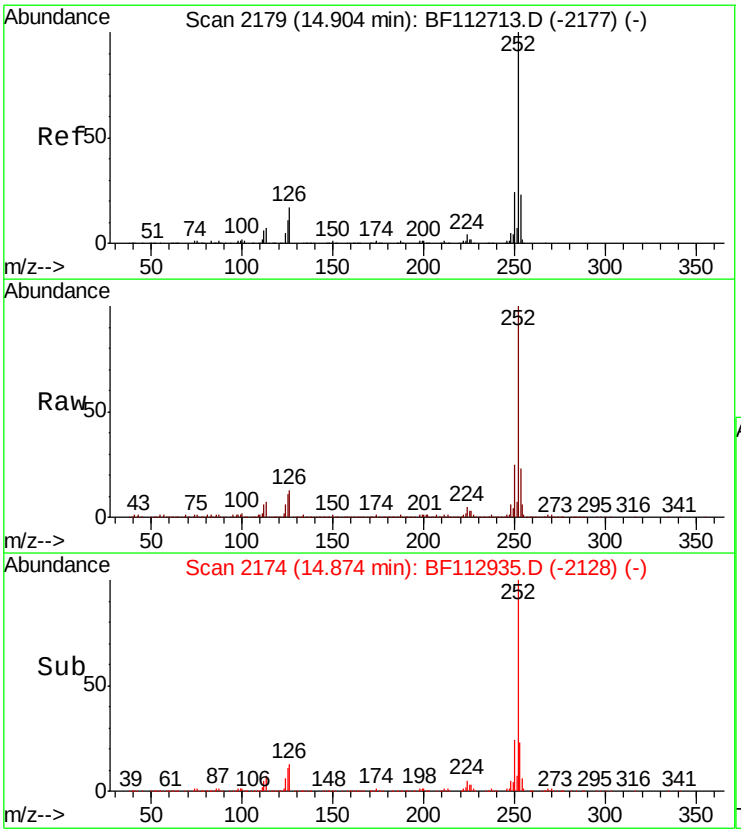
#88
Benzo(b)fluoranthene
Concen: 27.506 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1026028

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.4	10.2	15.2

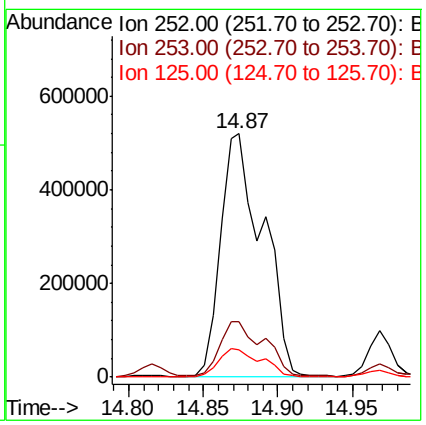


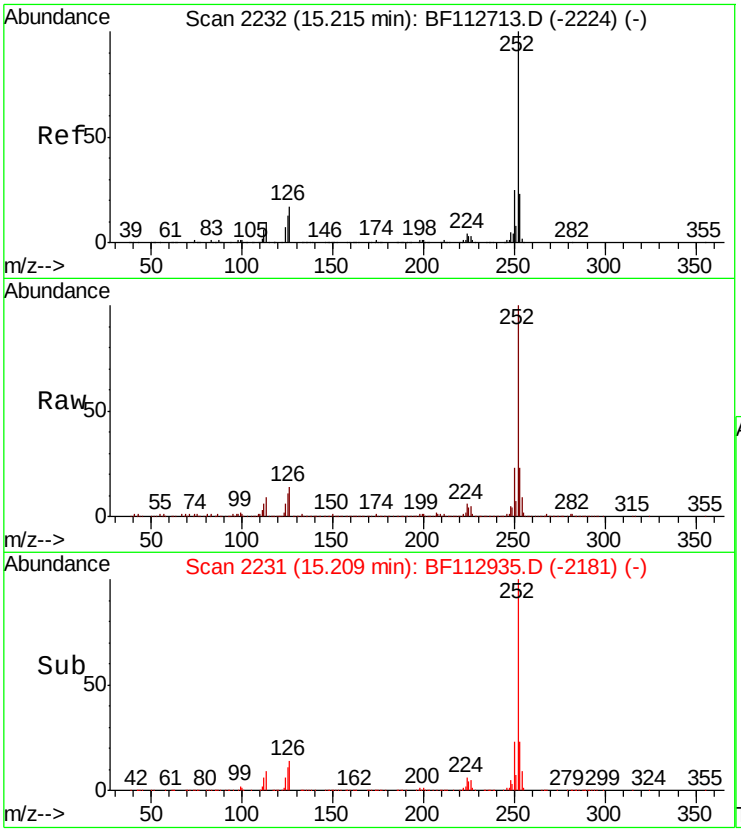


#89
Benzo(k)fluoranthene
Concen: 30.366 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:252 Resp: 1026028

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.4	9.8	14.6



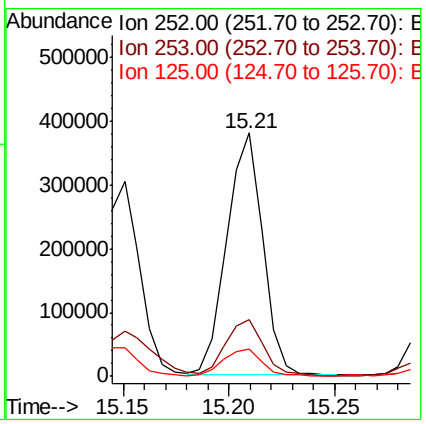


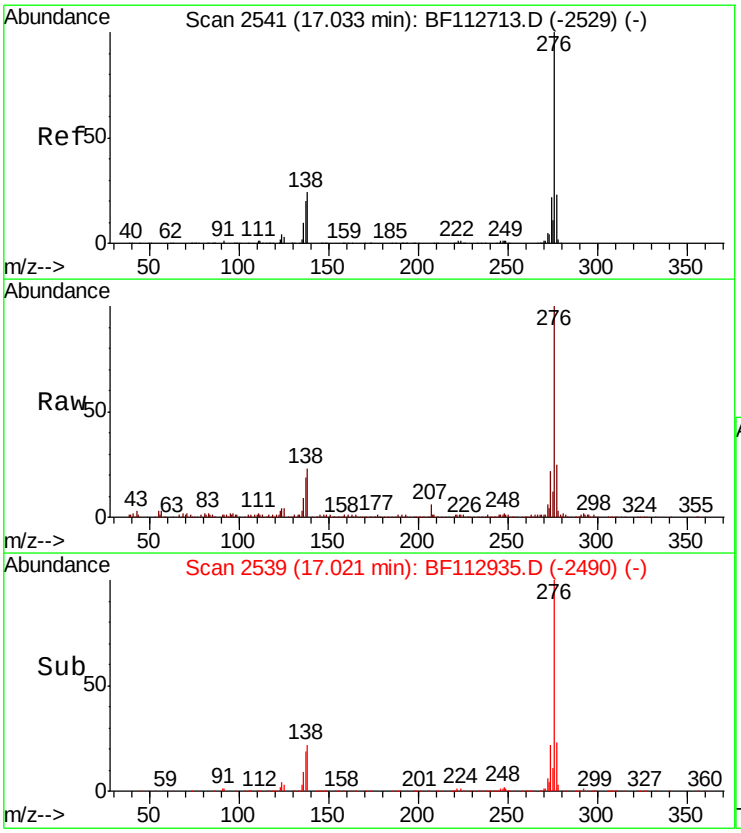
#90
Benzo(a)pyrene
Concen: 13.581 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 448088

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.3	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 9.980 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF112935.D
Acq: 7 Mar 2019 21:34

Tgt Ion:276 Resp: 282143

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	23.2	19.4	29.0