Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01

Quant Time: May 13 07:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296012	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1137579	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	540680	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1083715	20.00	ng		0.00
76) Chrysene-d12	14.02	240	620774	20.00	ng		0.00
87) Perylene-d12	15.48	264	759655	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1479471	80.43	ng		0.00
7) Phenol-d6	6.49	99	1993786	91.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	1236350	60.99	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	494348	88.44	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1920857	53.74	ng		0.00
79) Terphenyl-d14	12.95	244	1827431	60.68	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	163234	11.837	ng	#	76
25) Isophorone	7.41	82	1220253	32.459	ng	#	64
31) Naphthalene	8.15	128	412019	7.754	ng		97
32) Benzoic acid	7.91	122	2169	7.186	ng	#	51
33) 4-Chloroaniline	8.15	127	53289	2.201	ng	#	43
37) 2-Methylnaphthalene	8.85	142	180507	5.265	ng		96
38) 1-Methylnaphthalene	8.94	142	116299	3.602	ng		97
49) Acenaphthylene	9.75	152	647321	12.107	ng		98
50) Dimethylphthalate	9.60	163	306534	7.723	ng		98
54) 2,4-Dinitrophenol	9.87	184	120	6.770	ng	#	1
58) Fluorene	10.43	166	103918	2.796	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	32140	2.694	ng	#	1
71) Phenanthrene	11.40	178	2697477	51.162	ng		98
72) Anthracene	11.44	178	426173	8.048	ng		99
75) Fluoranthene	12.59	202	3238041	57.031	ng		96
78) Pyrene	12.83	202	5139118	102.909	ng		94
81) Benzo(a)anthracene	14.04	228	2049790	51.052	ng		95
82) 3,3'-Dichlorobenzidine	14.04	252	60781	3.902	ng	#	1
83) Chrysene	14.04	228	2049790	52.078	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1136112	32.661	ng		97
88) Benzo(b)fluoranthene	15.06	252	2856653	58.697	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	2856653	63.898	ng		98
90) Benzo(a)pyrene	15.43	252	1590587	37.136	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	211569	5.944	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1274734	35.739	ng		99

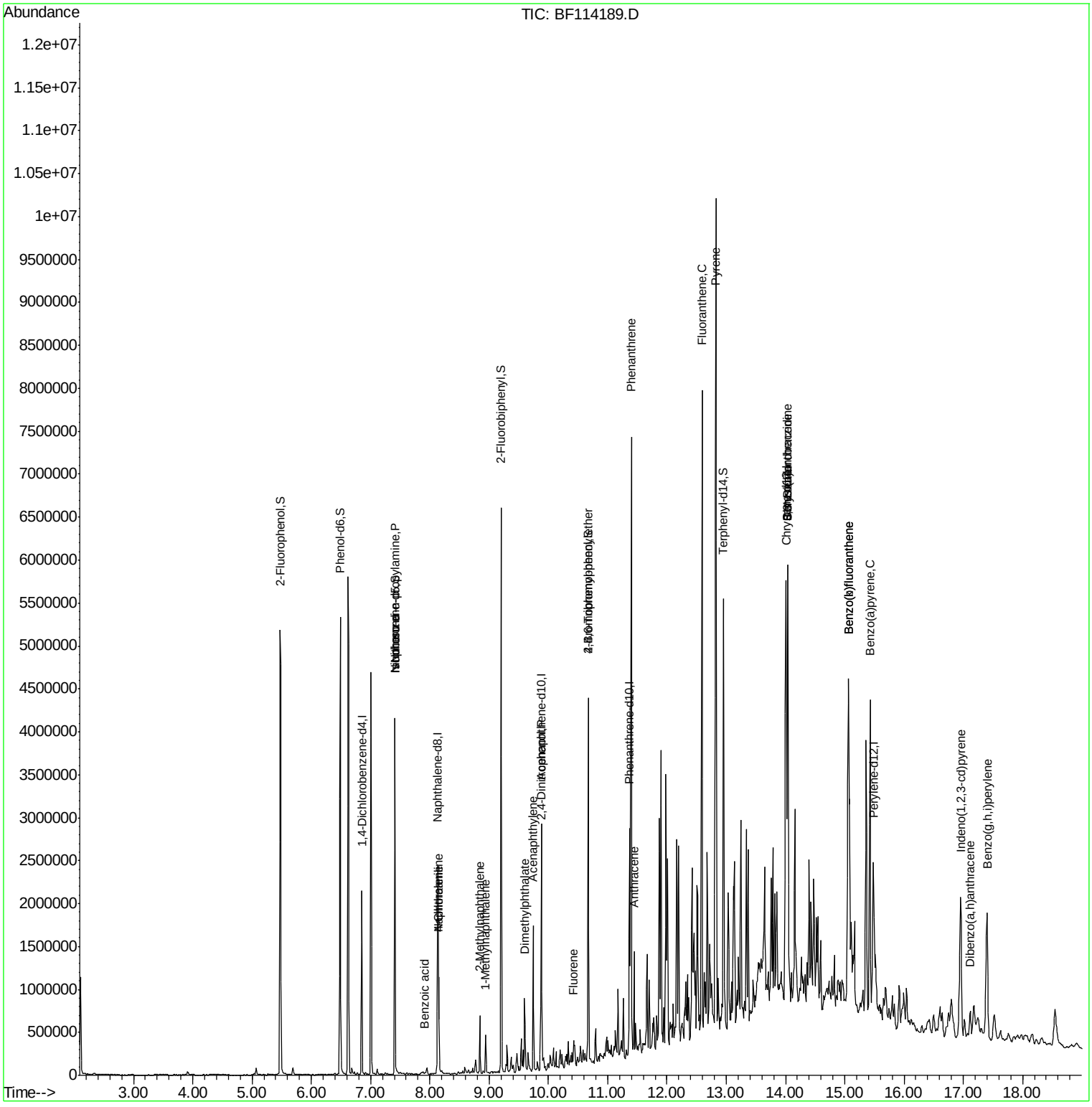
(#) = qualifier out of range (m) = manual integration (+) = signals summed

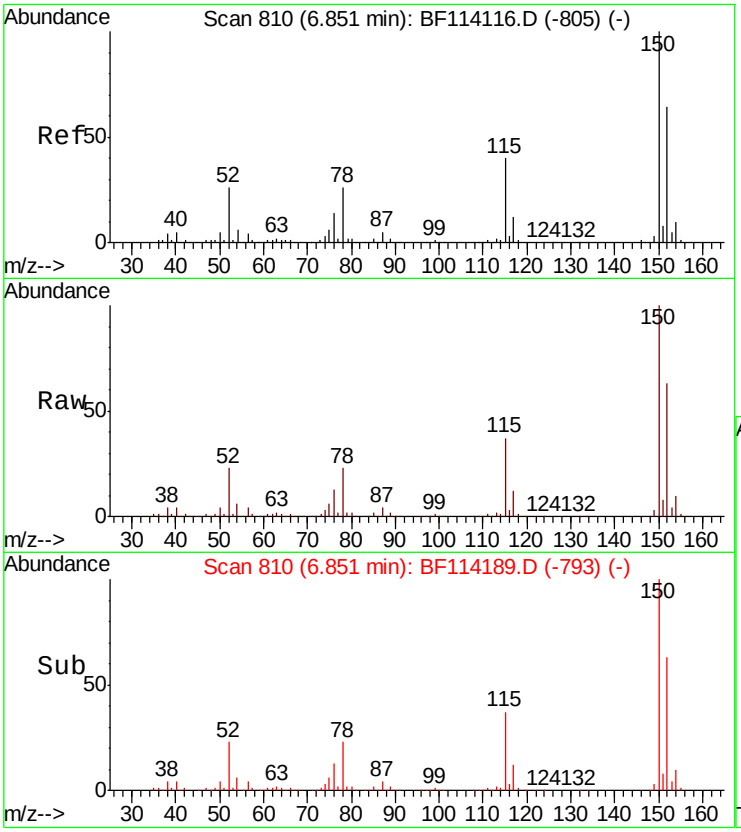
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114189.D
Acq On : 12 May 2019 13:54
Operator : JU/SJ
Sample : K2766-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Quant Time: May 13 07:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



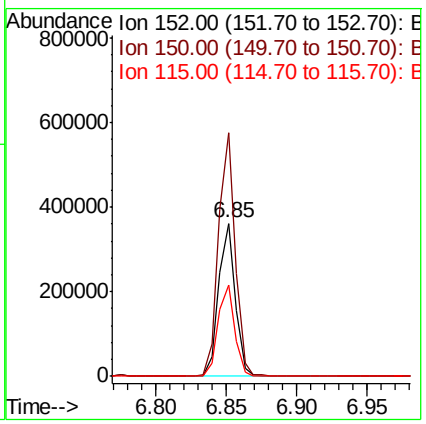


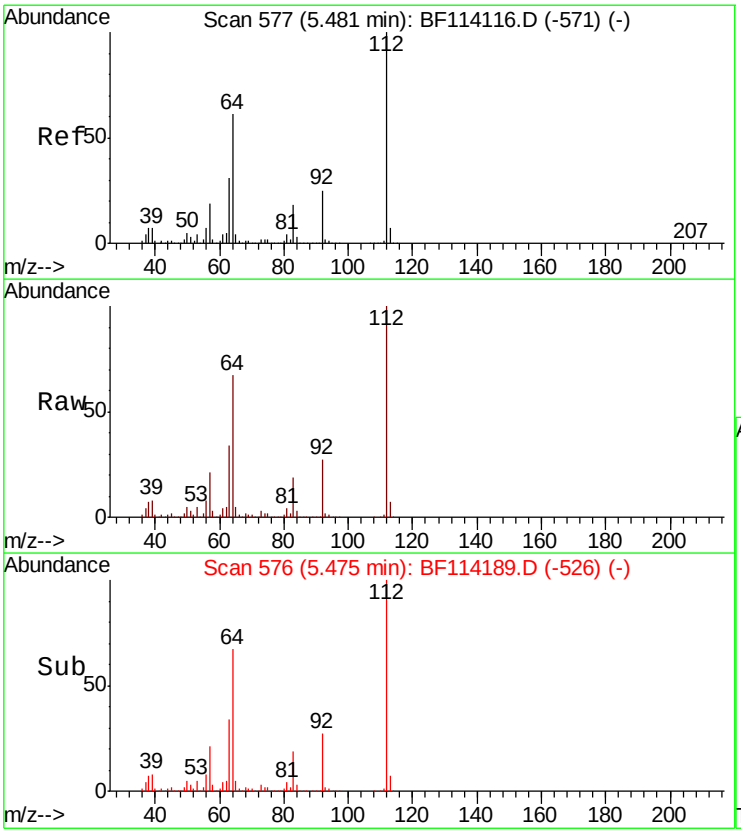
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:152 Resp: 296012

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	59.5	49.1	73.7

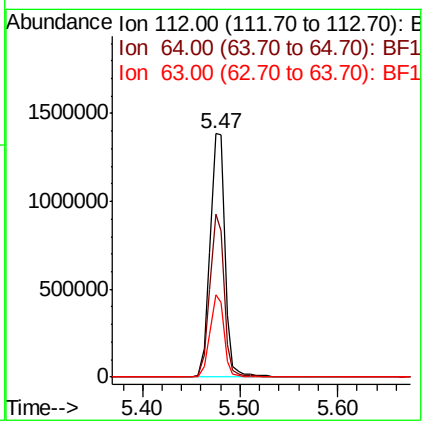


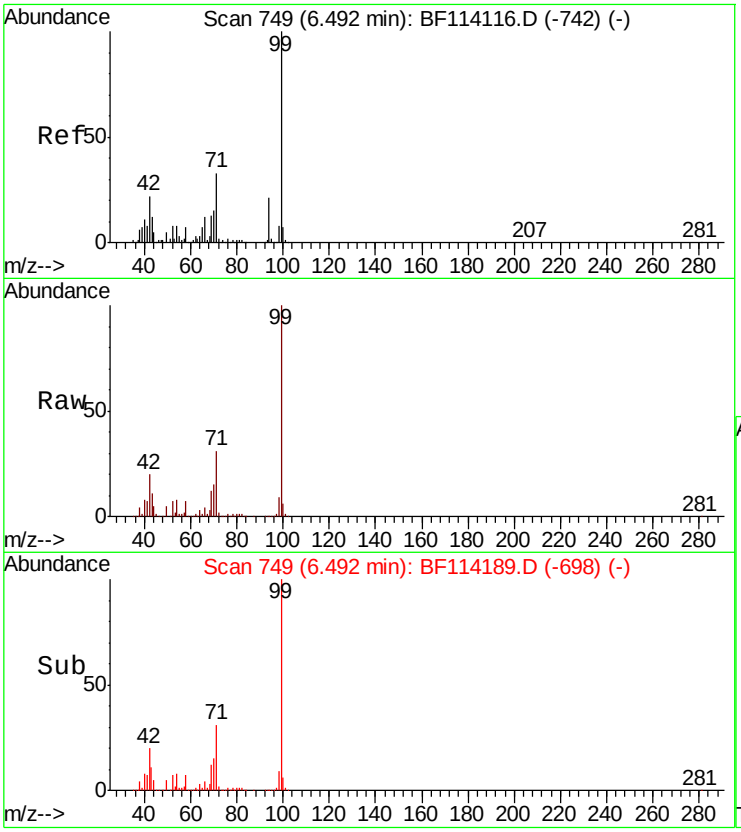


#5
2-Fluorophenol
Concen: 80.431 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:112 Resp: 1479471

Ion	Ratio	Lower	Upper
112	100		
64	66.9	49.0	73.6
63	33.7	24.6	37.0



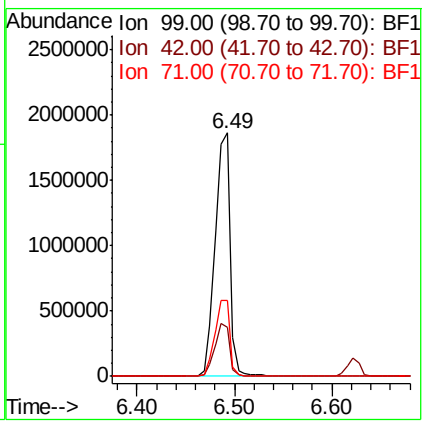


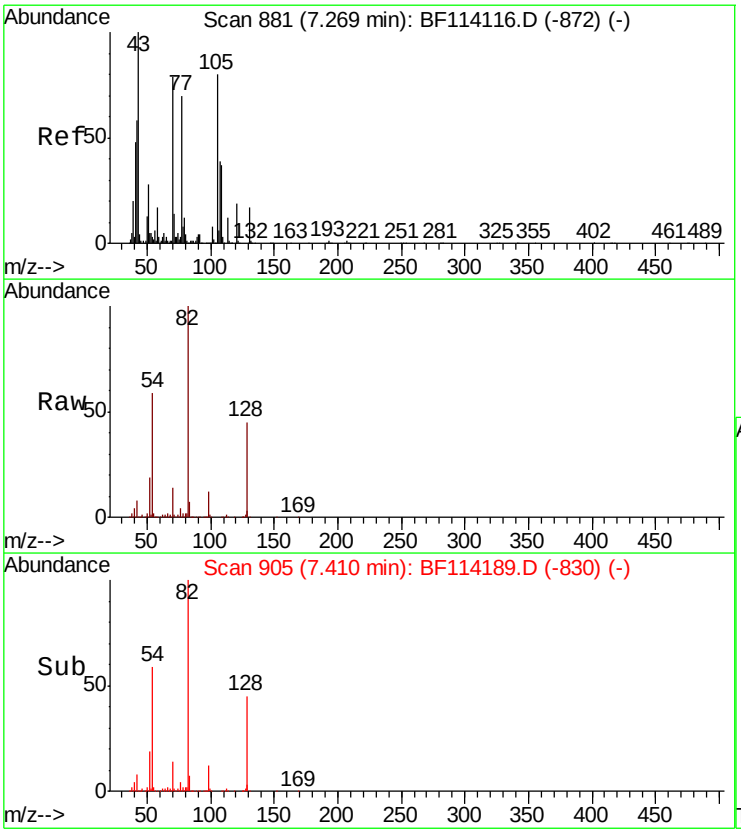
#7
Phenol-d6
Concen: 91.645 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion: 99 Resp: 1993786

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.9	26.9
71	31.3	26.2	39.2

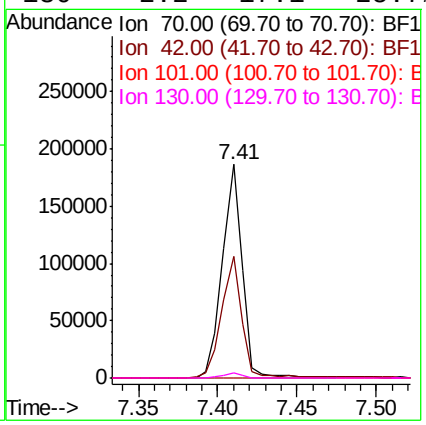


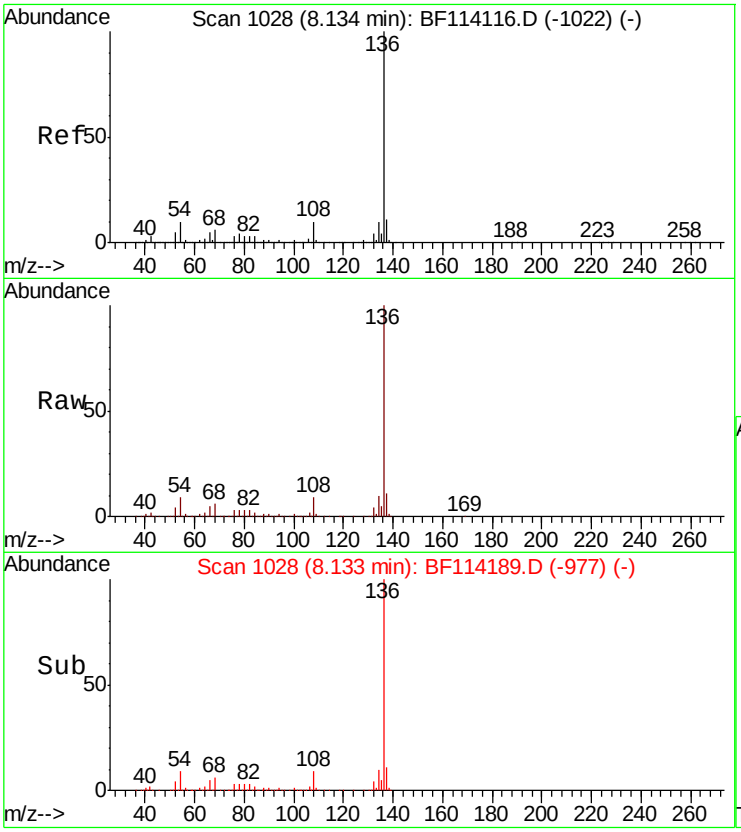


#19
n-Nitroso-di-n-propylamine
Concen: 11.837 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion: 70 Resp: 163234

Ion	Ratio	Lower	Upper
70	100		
42	56.9	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



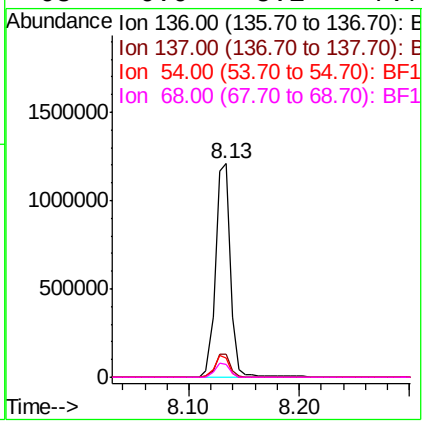


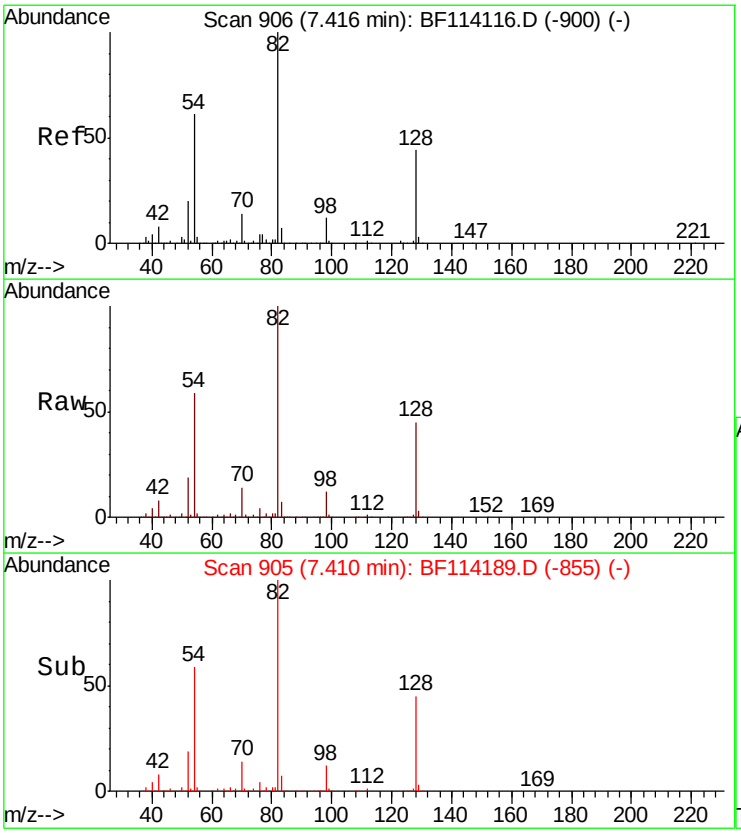
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:136 Resp: 1137579

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	7.8	11.8
68	6.0	5.1	7.7

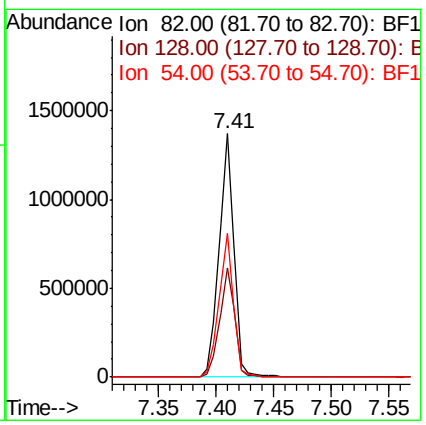


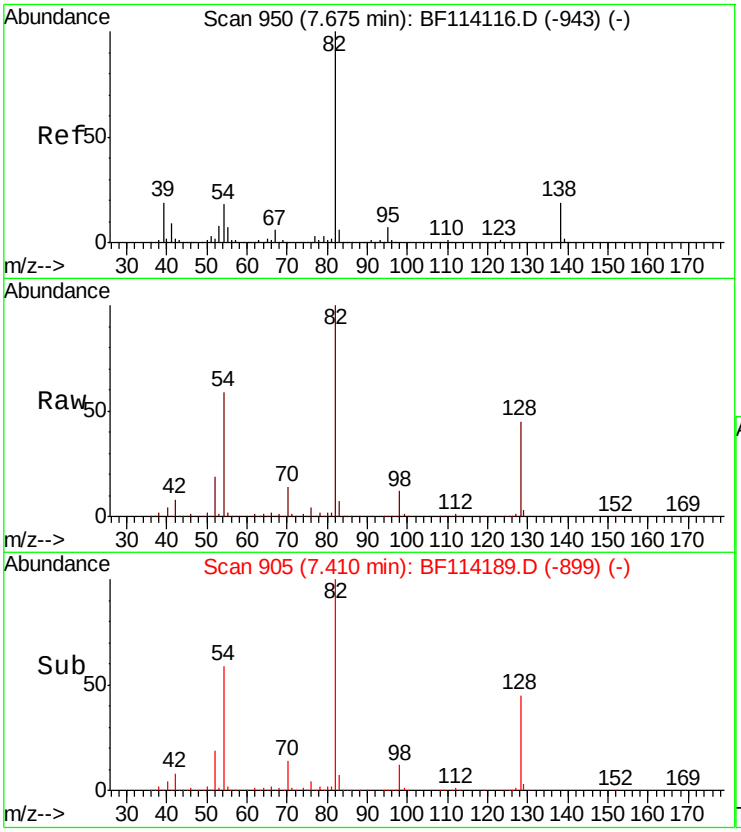


#23
Nitrobenzene-d5
Concen: 60.993 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion: 82 Resp: 1236350

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	59.1	48.5	72.7



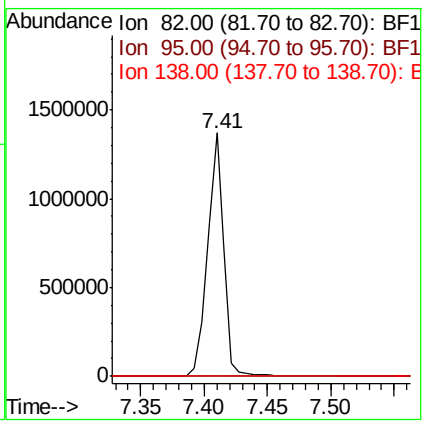


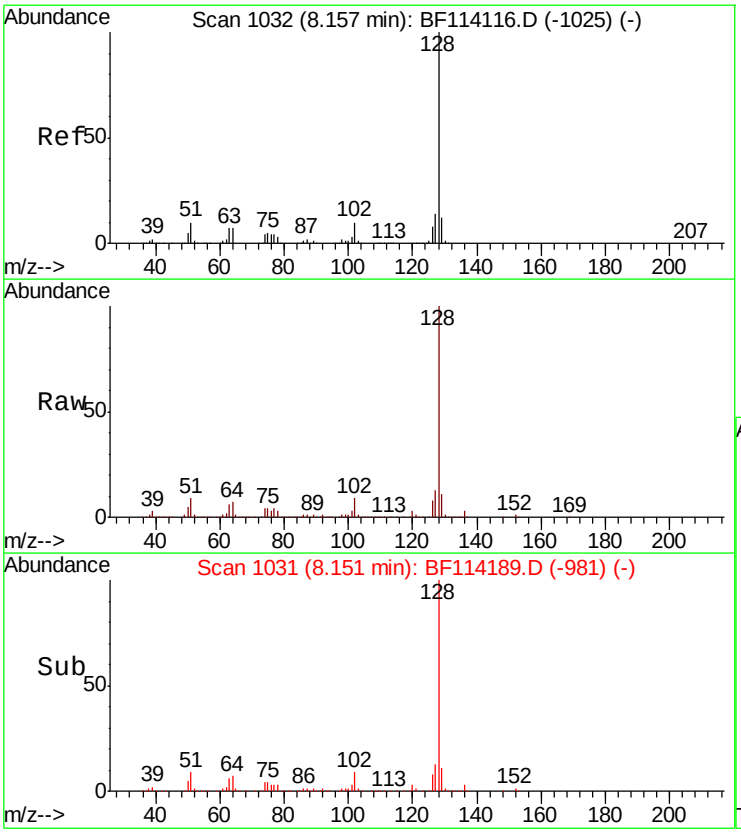
#25
Isophorone
Concen: 32.459 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion: 82 Resp: 1220253

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

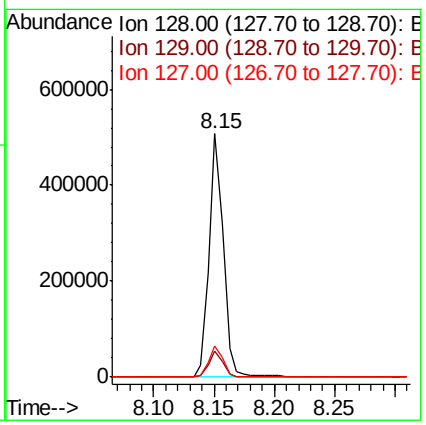


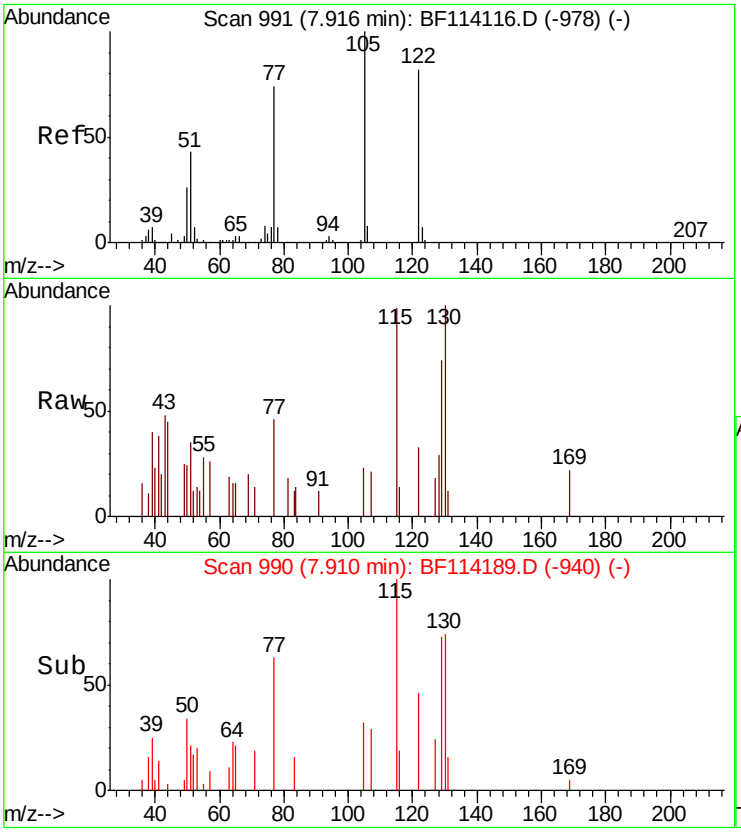


#31
Naphthalene
Concen: 7.754 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:128 Resp: 412019

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.6	14.4
127	12.7	11.3	16.9



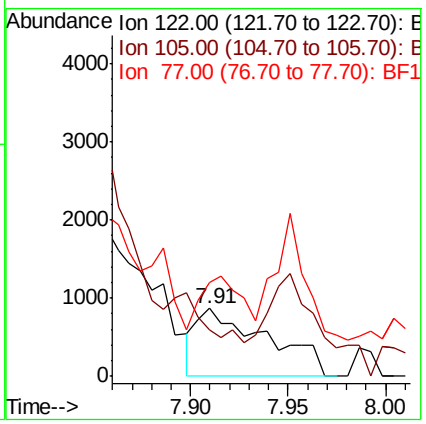


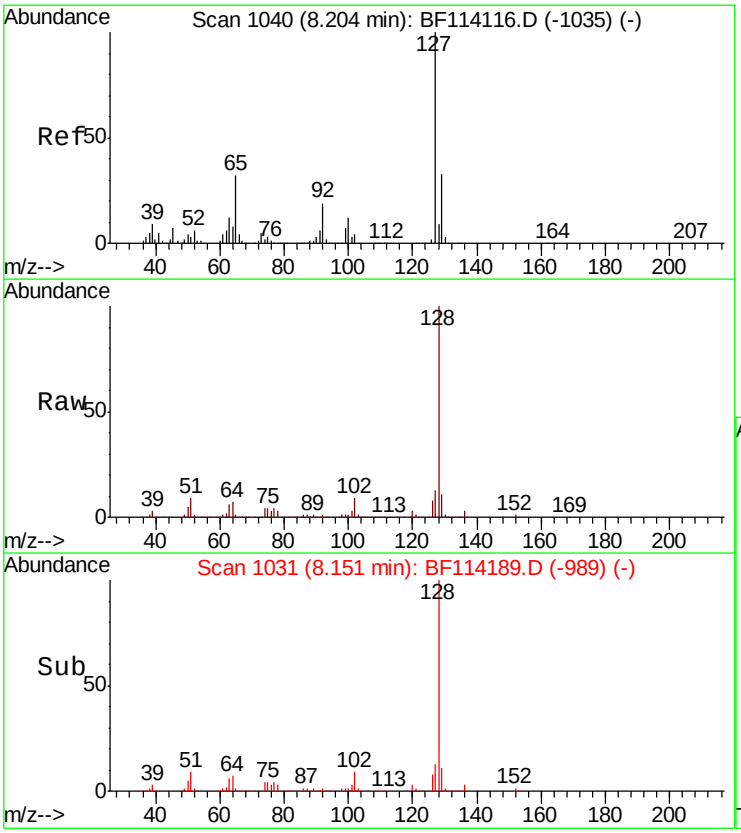
#32
Benzoic acid
Concen: 7.186 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:122 Resp: 2169

Ion	Ratio	Lower	Upper
122	100		
105	68.9	99.9	139.9#
77	138.5	69.4	109.4#

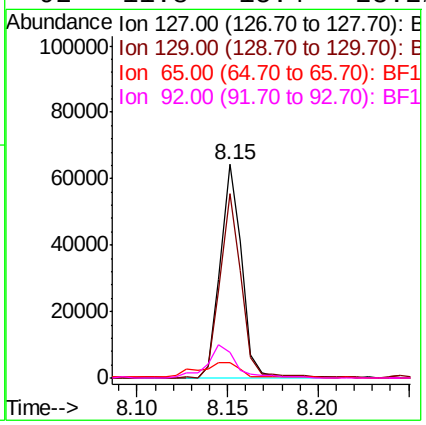


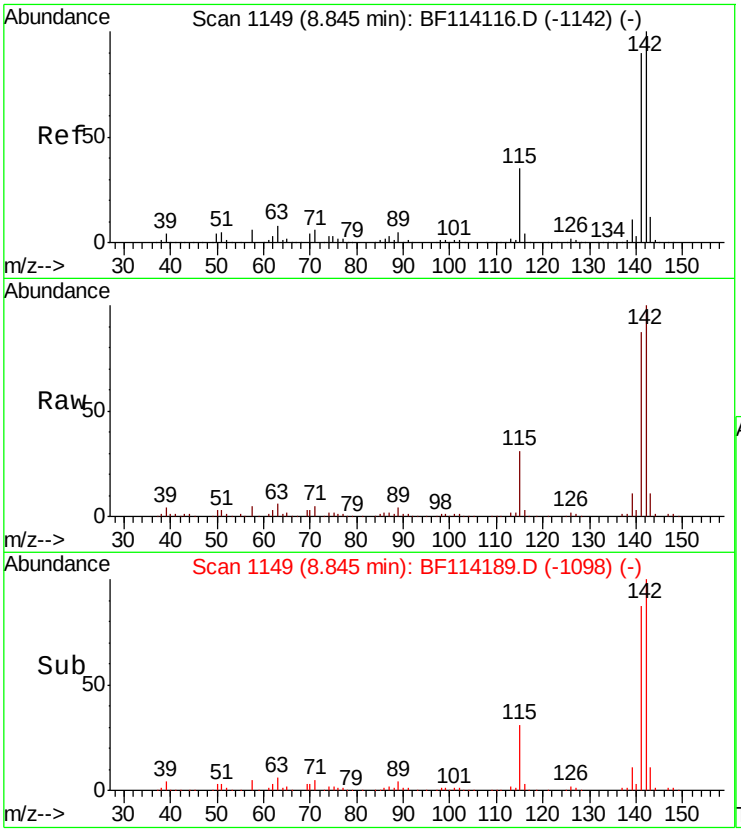


#33
4-Chloroaniline
Concen: 2.201 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:127 Resp: 53289

Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.7	40.1#
65	7.1	25.4	38.0#
92	11.8	15.4	23.2#



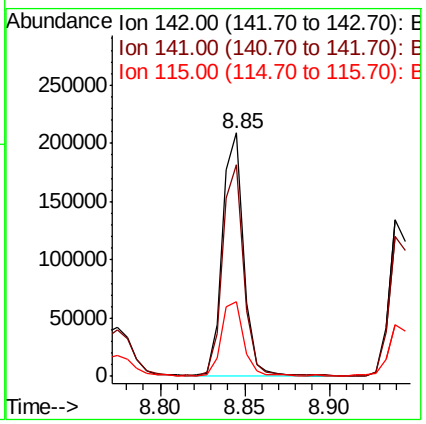


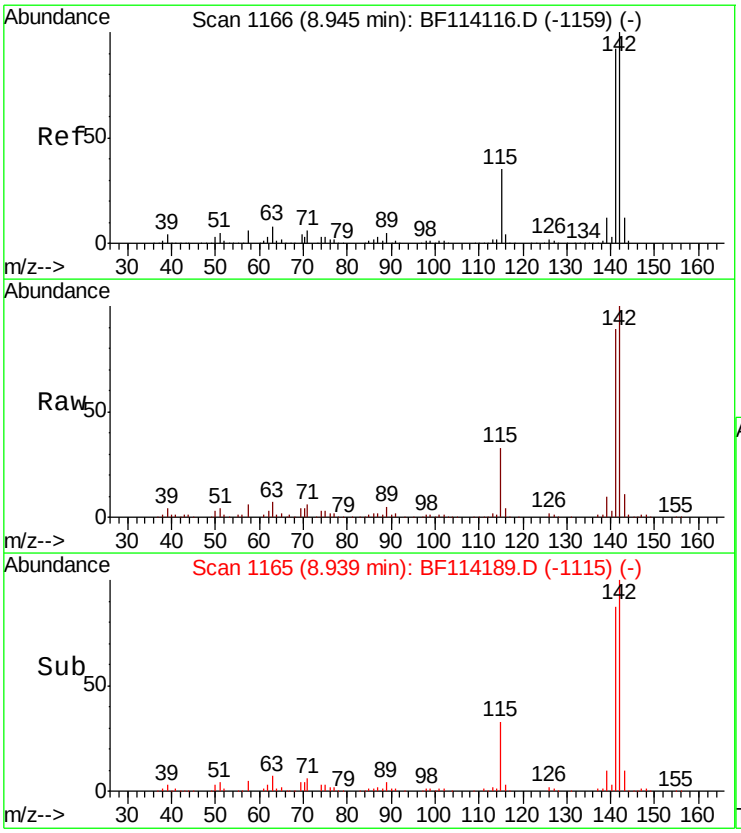
#37
2-Methylnaphthalene
Concen: 5.265 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:142 Resp: 180507

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.1	108.1
115	30.9	28.0	42.0

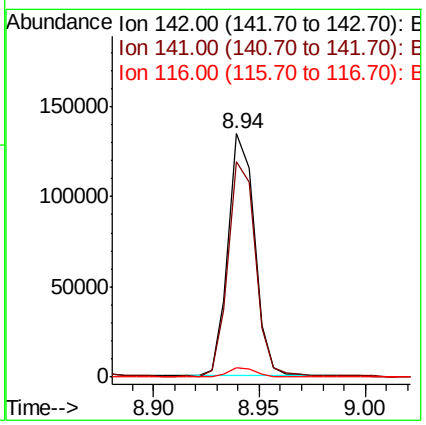


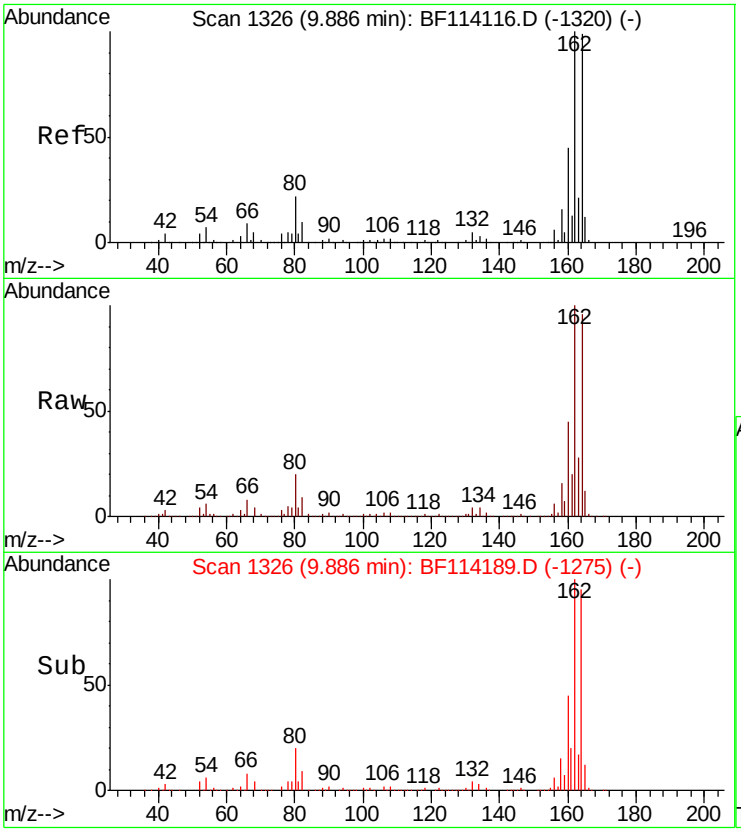


#38
1-Methylnaphthalene
Concen: 3.602 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:142 Resp: 116299

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.4	110.0
116	3.7	3.1	4.7



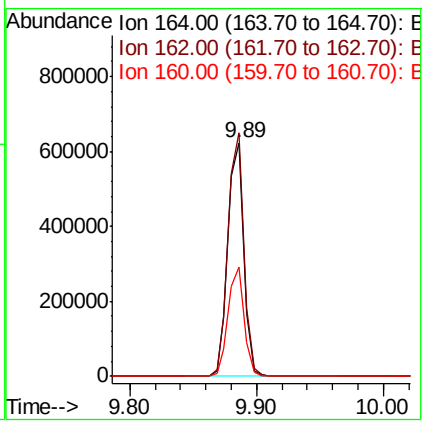


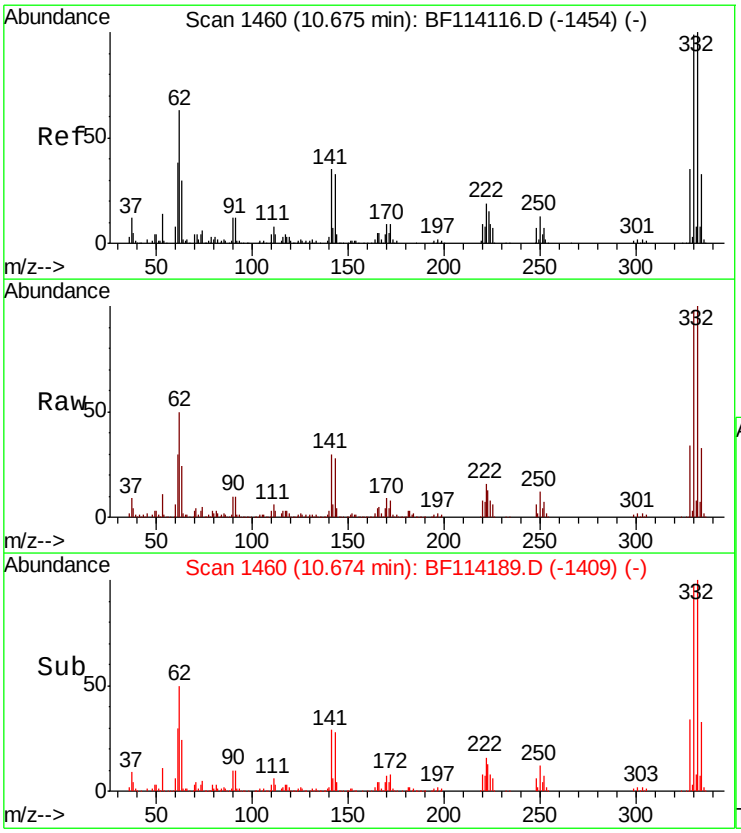
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:164 Resp: 540680

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	47.0	36.5	54.7

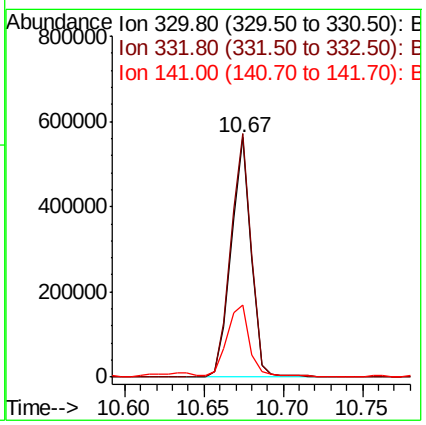


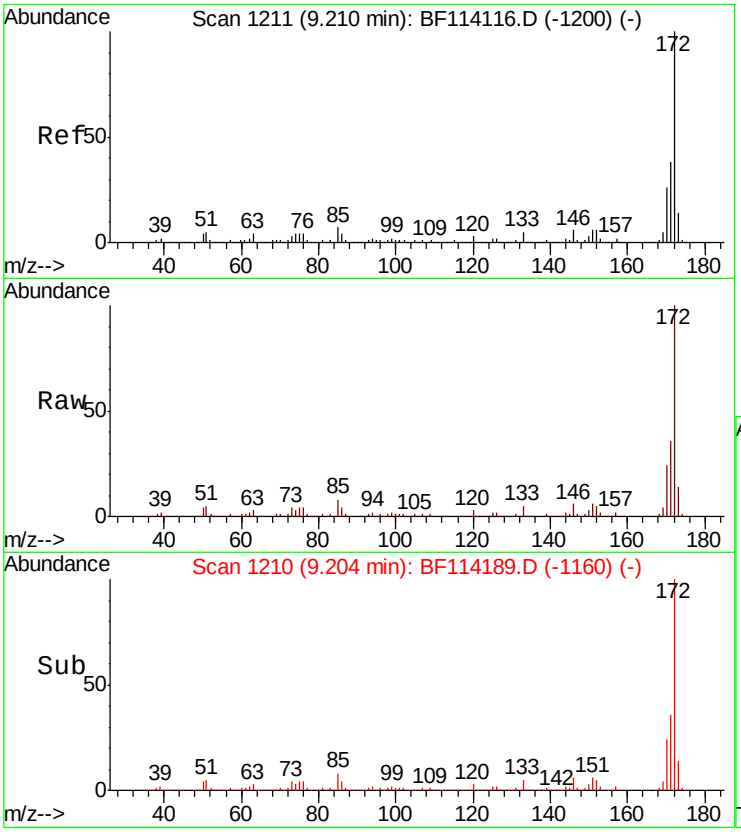


#42
2,4,6-Tribromophenol
Concen: 88.439 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:330 Resp: 494348

Ion	Ratio	Lower	Upper
330	100		
332	104.1	81.4	122.2
141	32.2	26.6	40.0



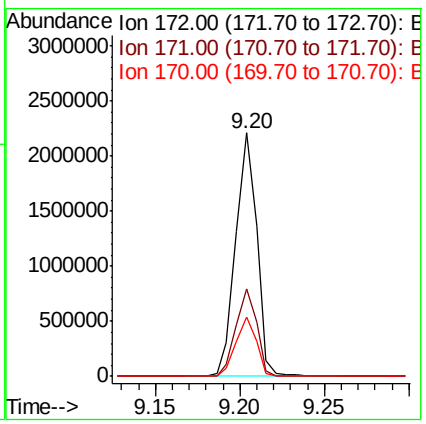


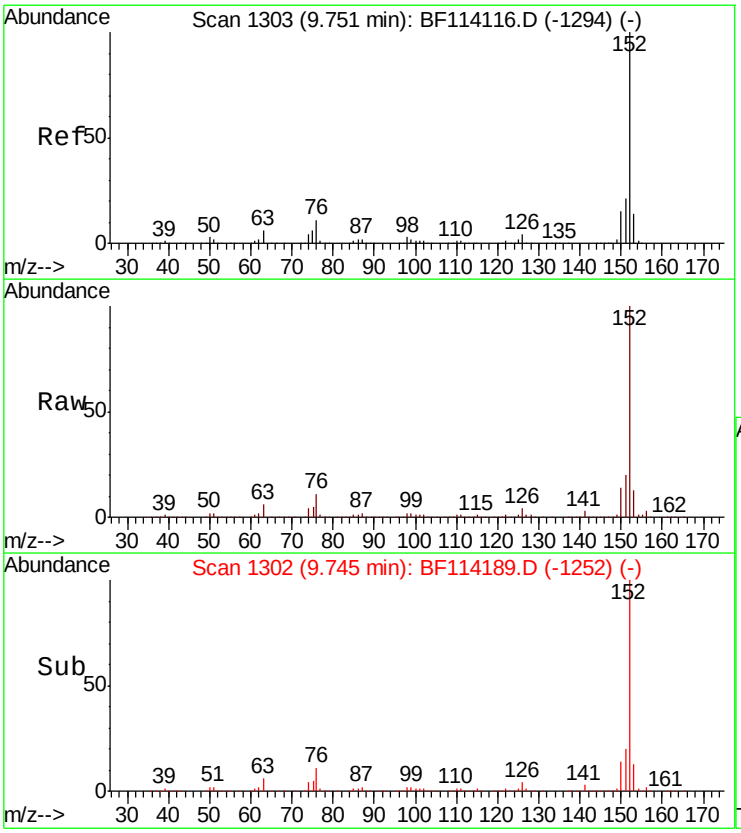
#45
2-Fluorobiphenyl
Concen: 53.740 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:172 Resp: 1920857

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.1	20.5	30.7

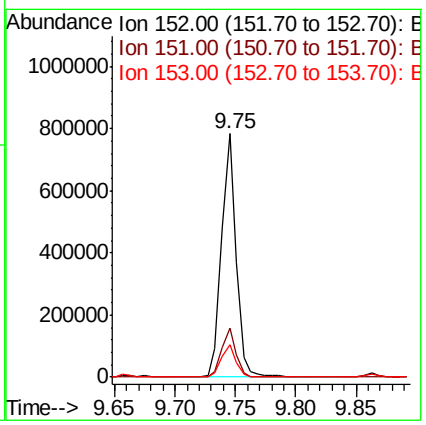


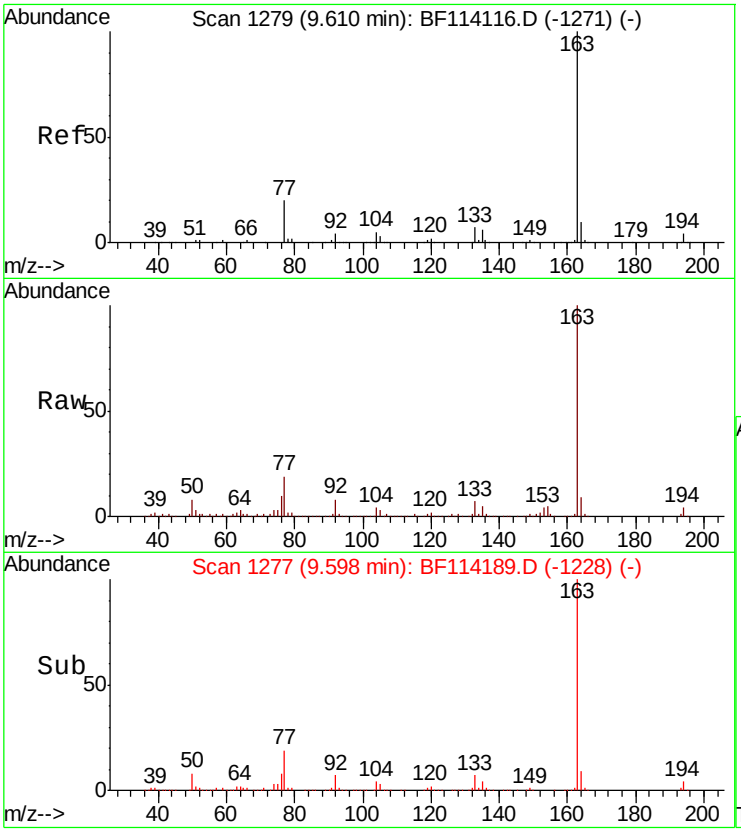


#49
Acenaphthylene
Concen: 12.107 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:152 Resp: 647321

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.4	11.4	17.2



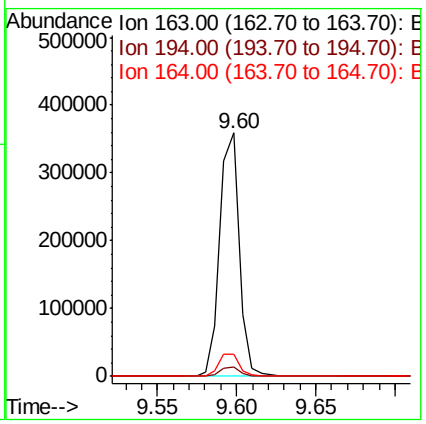


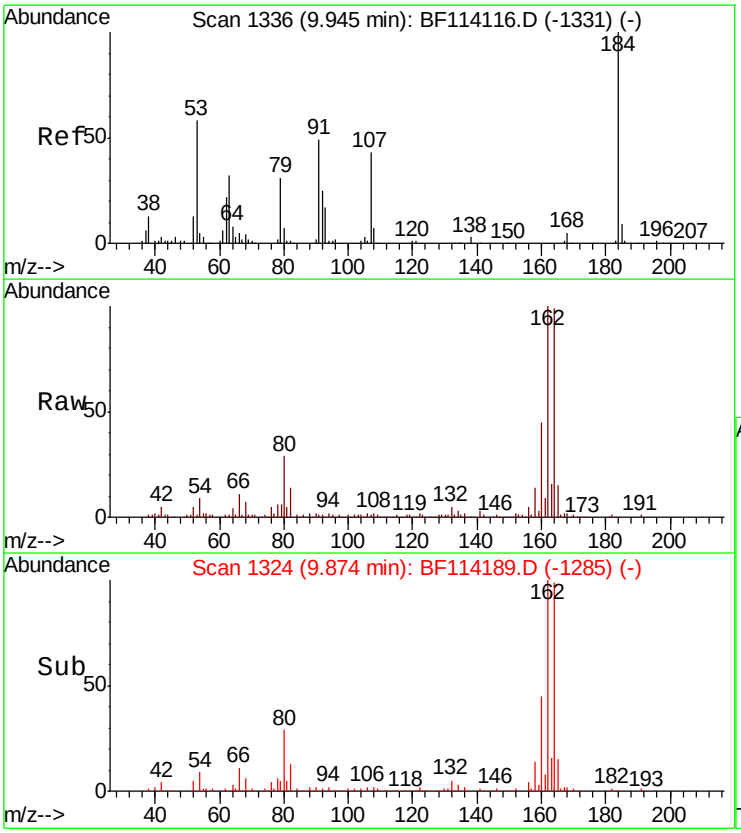
#50
Dimethylphthalate
Concen: 7.723 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:163 Resp: 306534

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.4	8.2	12.2

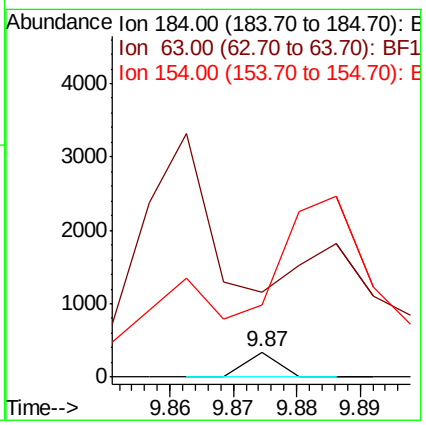


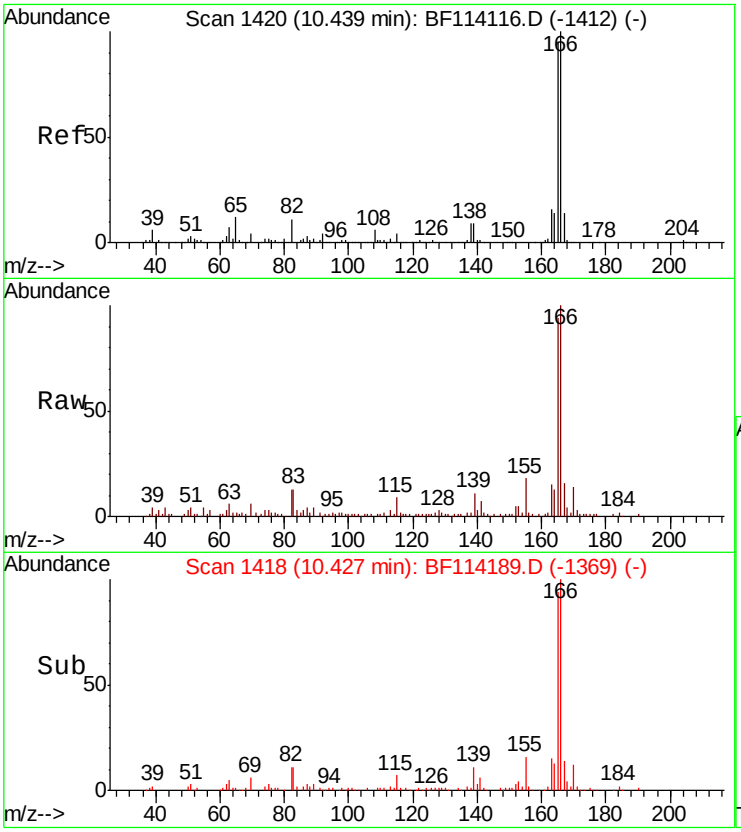


#54
2,4-Dinitrophenol
Concen: 6.770 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	339.5	55.6	83.4#
154	290.6	46.0	69.0#



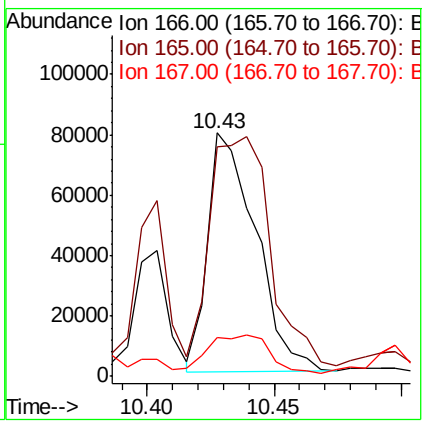


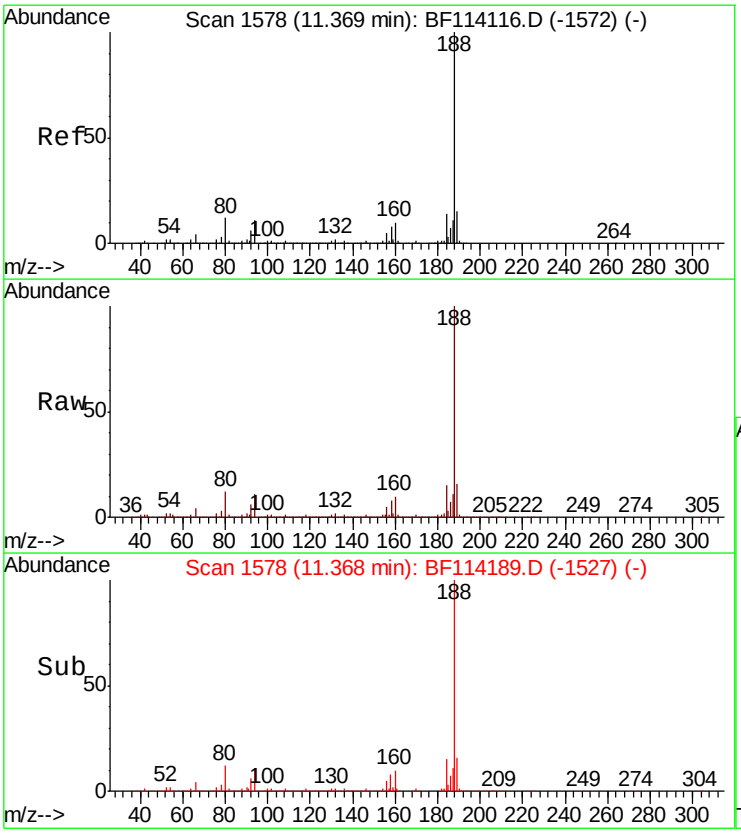
#58
Fluorene
Concen: 2.796 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:166 Resp: 103918

Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.1	114.1
167	15.7	11.1	16.7

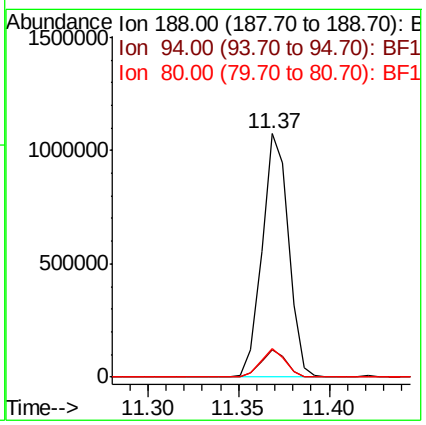


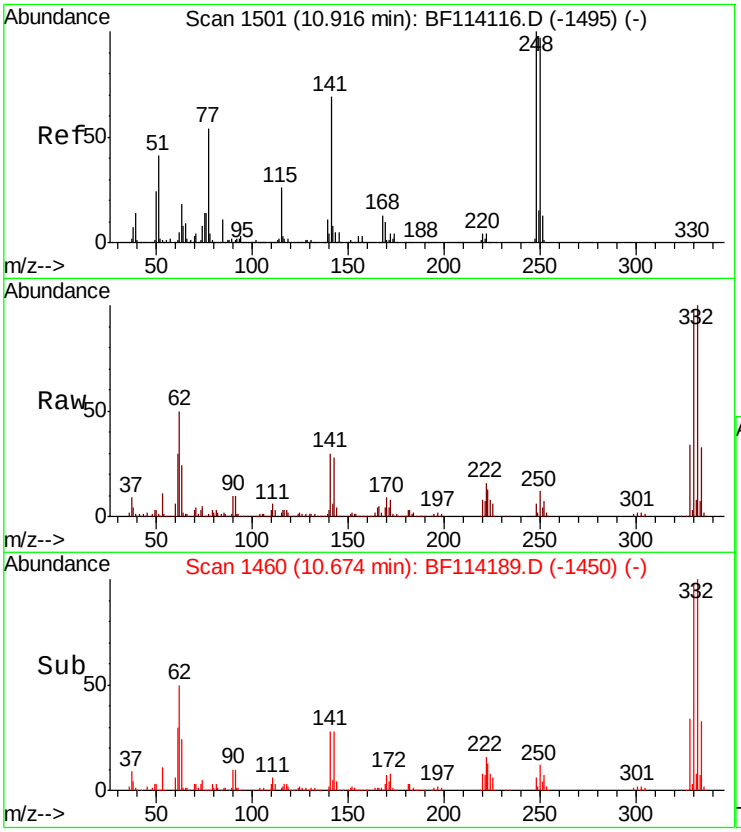


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:188 Resp: 1083715

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.4	12.6
80	11.6	9.2	13.8



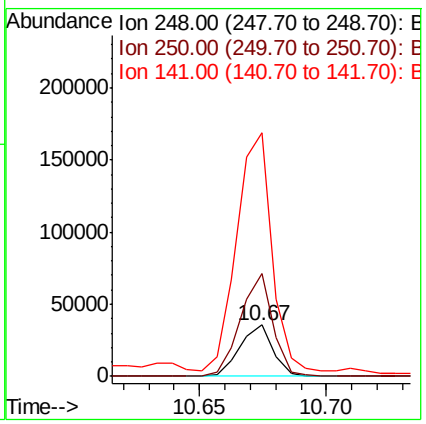


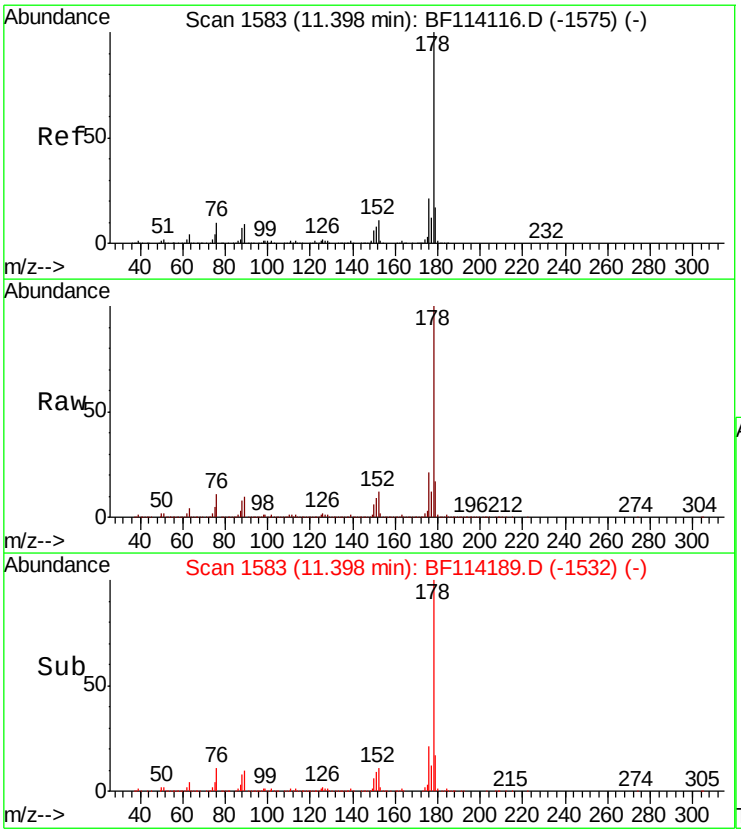
#67
4-Bromophenyl-phenylether
Concen: 2.694 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:248 Resp: 32140

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.4	116.2#
141	474.2	55.6	83.4#

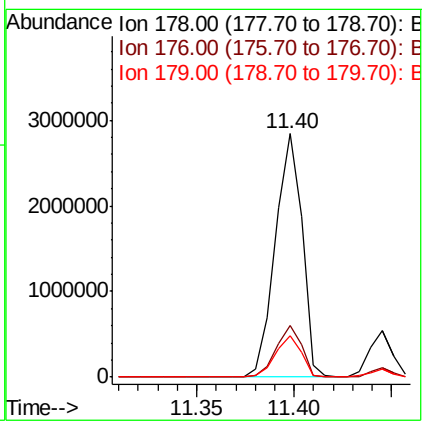


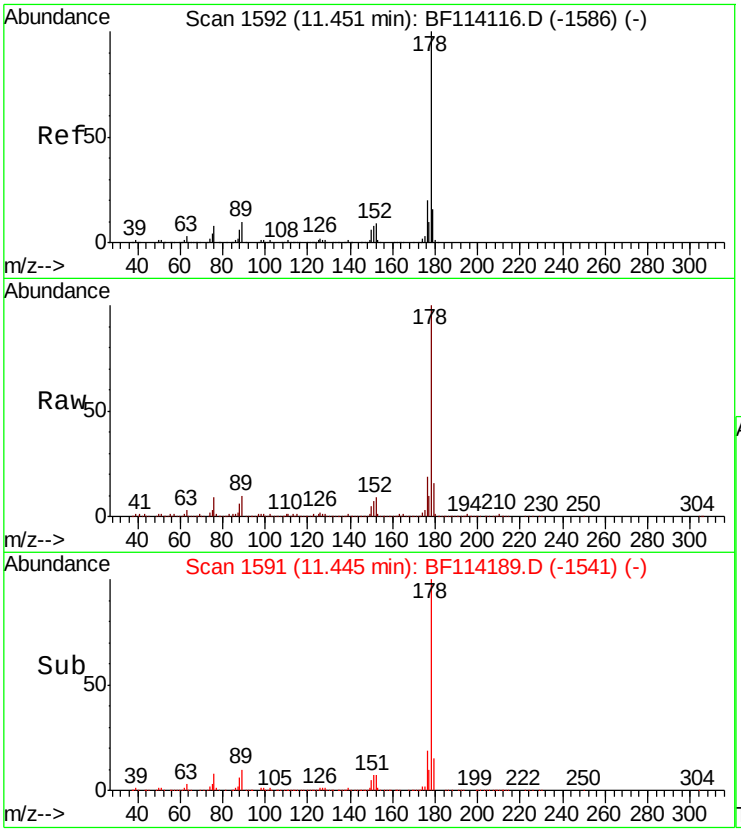


#71
Phenanthrene
Concen: 51.162 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:178 Resp: 2697477

Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.4	24.6
179	17.0	13.2	19.8



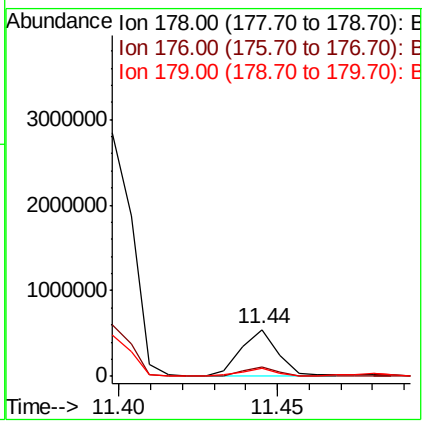


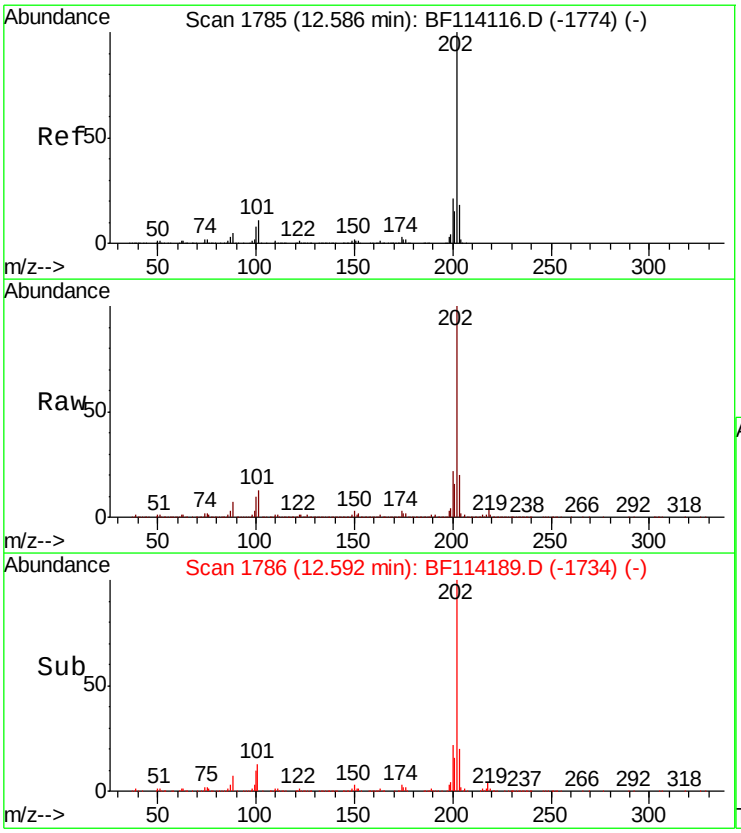
#72
Anthracene
Concen: 8.048 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:178 Resp: 426173

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.0	13.0	19.4

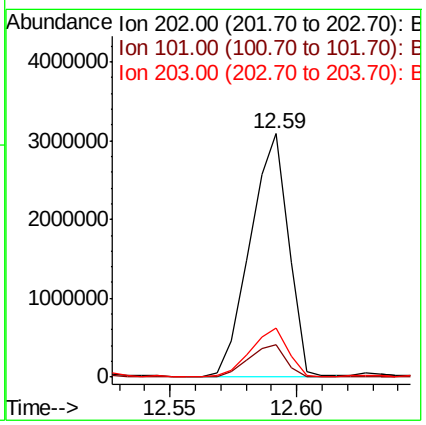


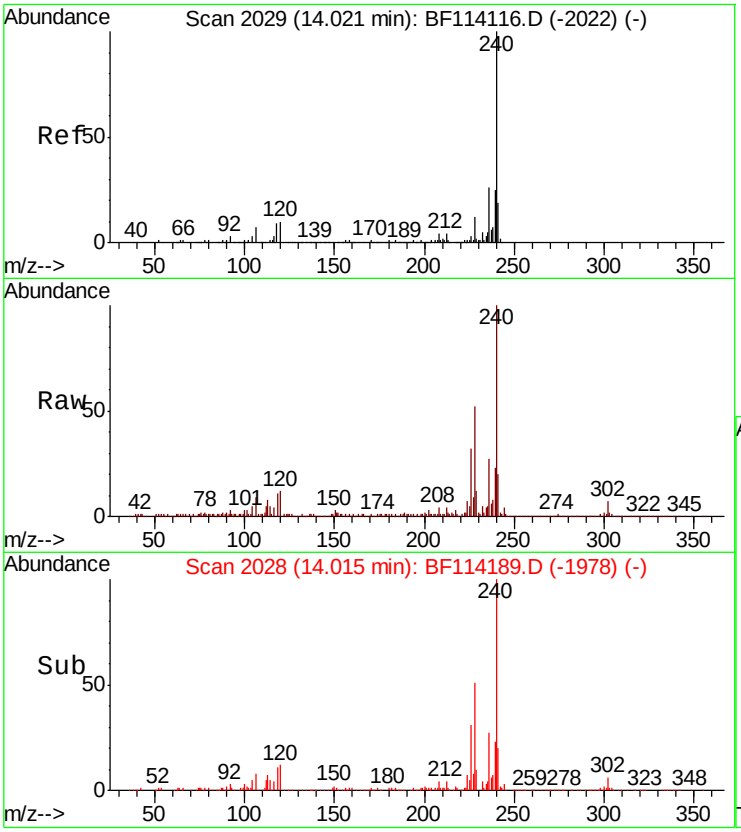


#75
Fluoranthene
Concen: 57.031 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:202 Resp: 3238041

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.0
203	19.9	0.0	38.4



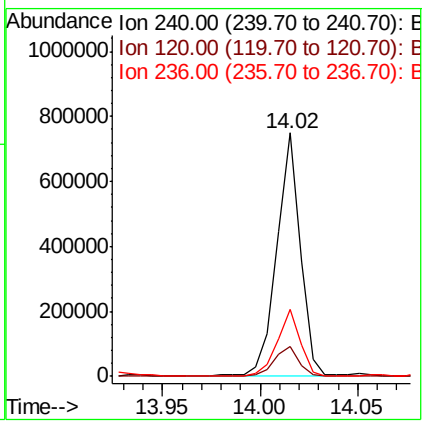


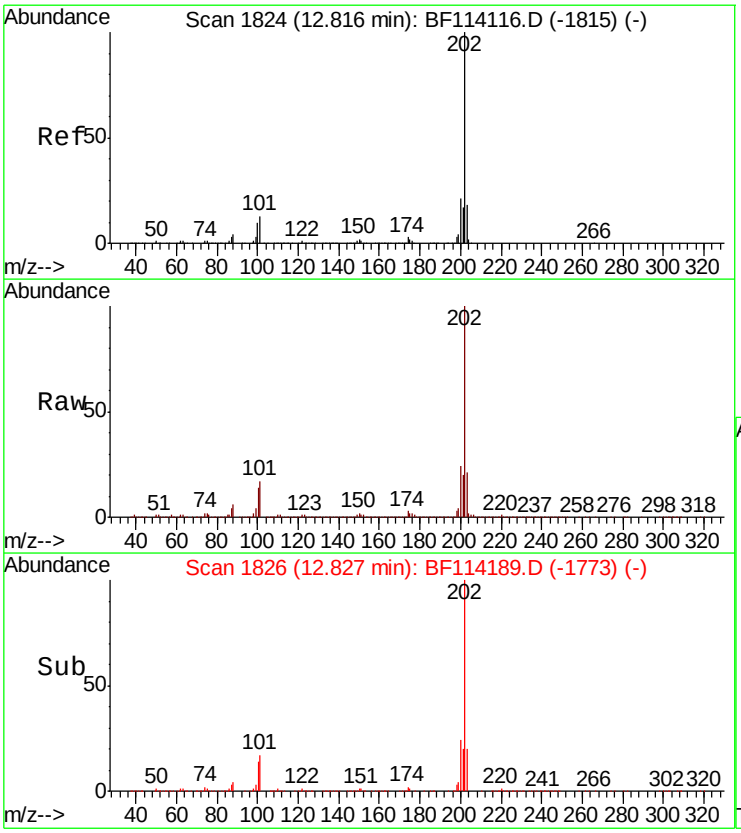
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:240 Resp: 620774

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	27.4	20.8	31.2

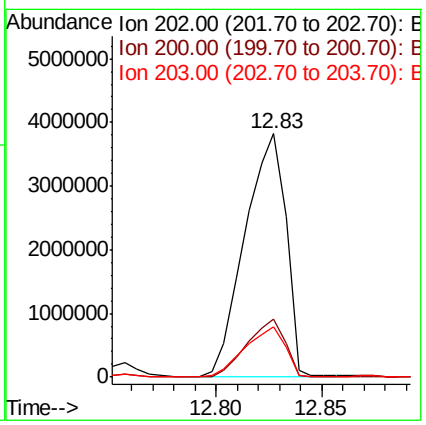


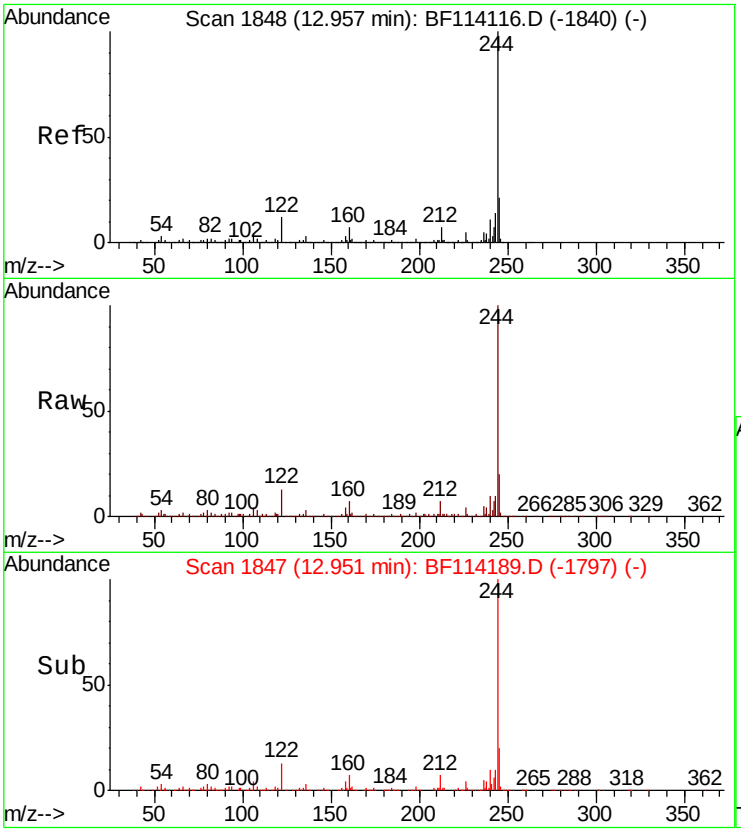


#78
Pyrene
Concen: 102.909 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:202 Resp: 5139118

Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.9	25.3
203	20.7	14.5	21.7



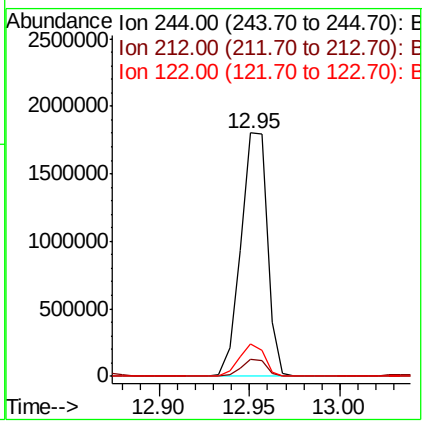


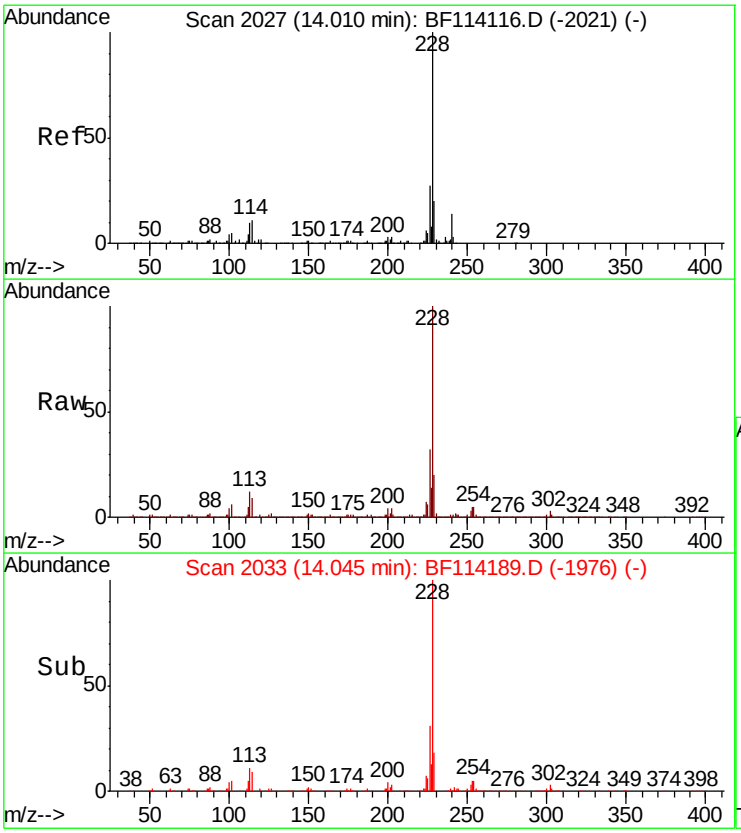
#79
Terphenyl-d14
Concen: 60.684 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:244 Resp: 1827431

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.4	9.4	14.2

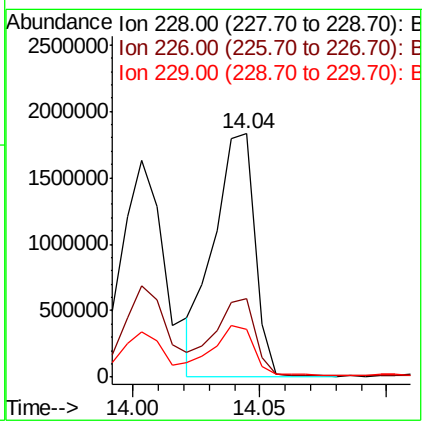


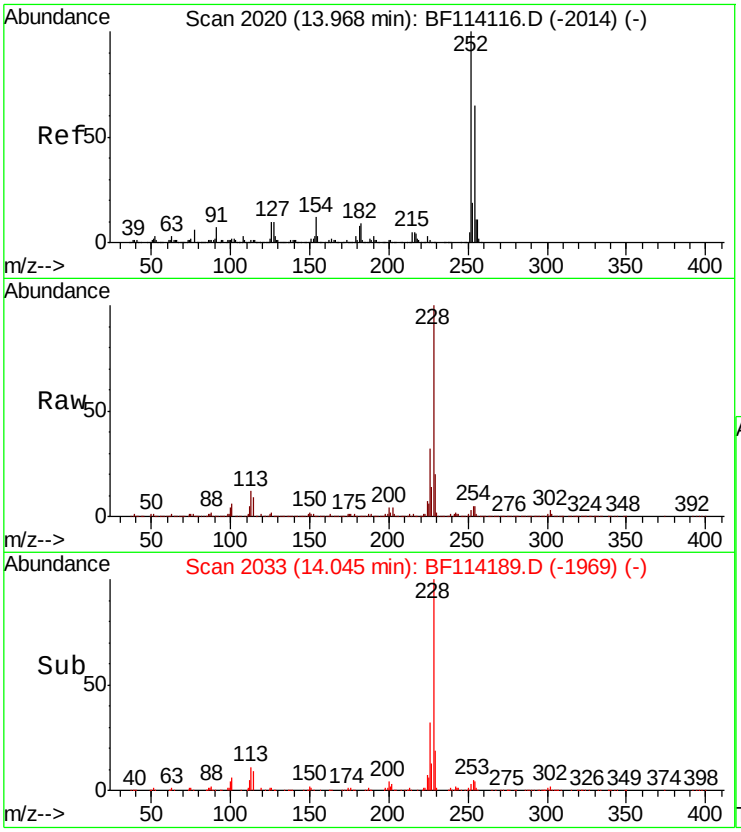


#81
Benzo(a)anthracene
Concen: 51.052 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:228 Resp: 2049790

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.2
229	19.8	16.4	24.6



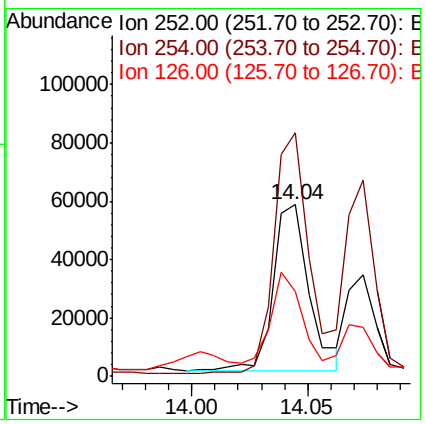


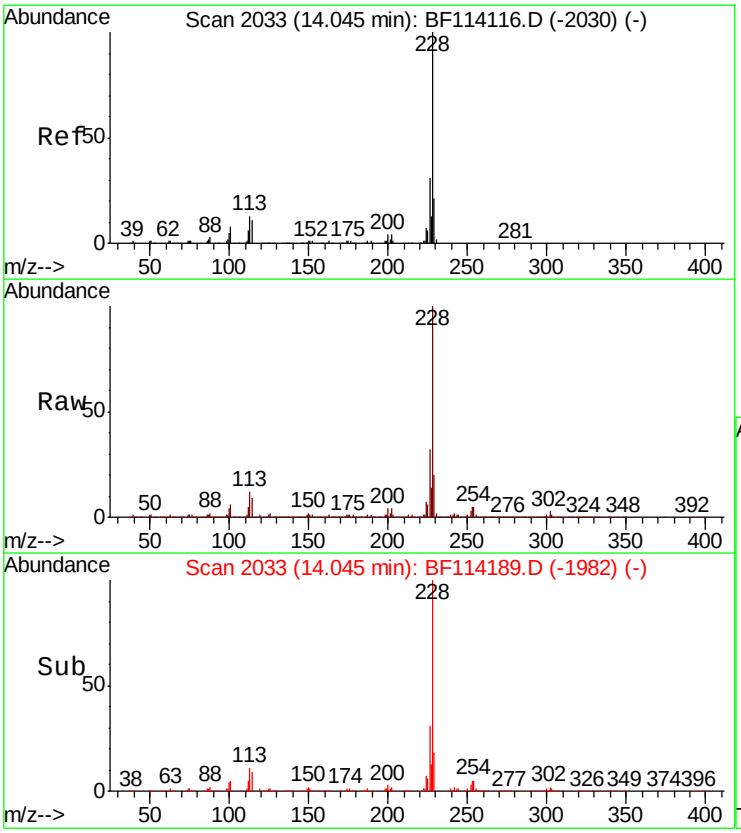
#82
3,3'-Dichlorobenzidine
Concen: 3.902 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.08 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:252 Resp: 60781

Ion	Ratio	Lower	Upper
252	100		
254	141.6	51.9	77.9#
126	49.5	7.9	11.9#

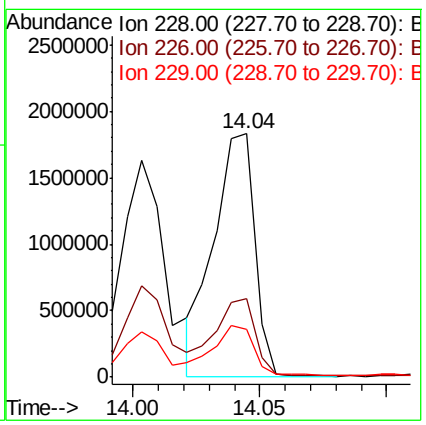


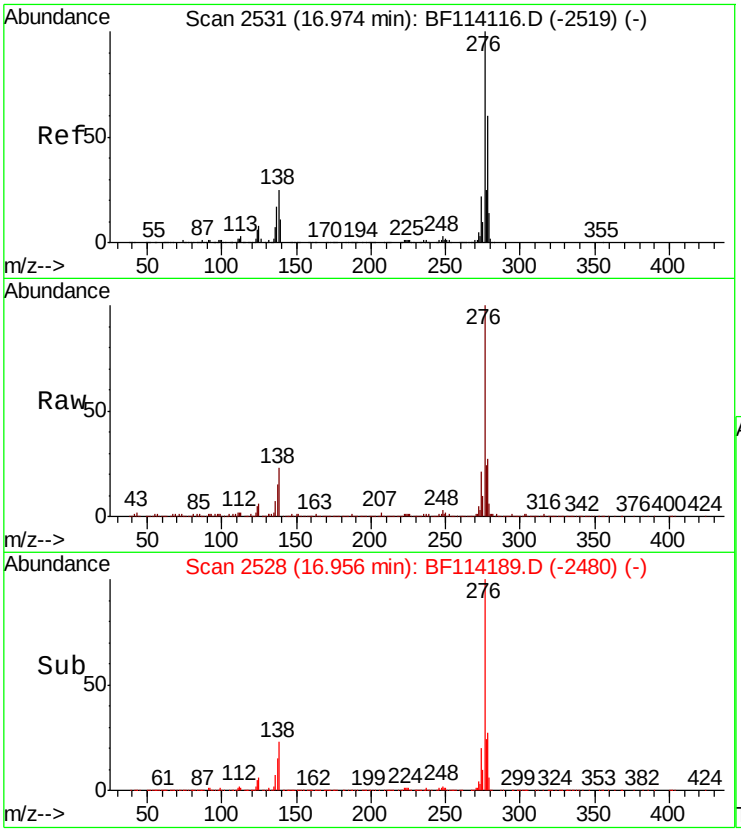


#83
Chrysene
Concen: 52.078 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:228 Resp: 2049790

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	19.8	17.0	25.6



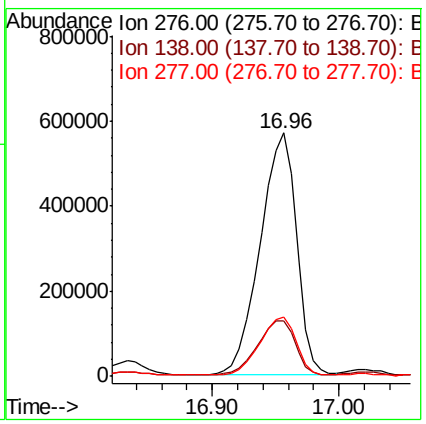


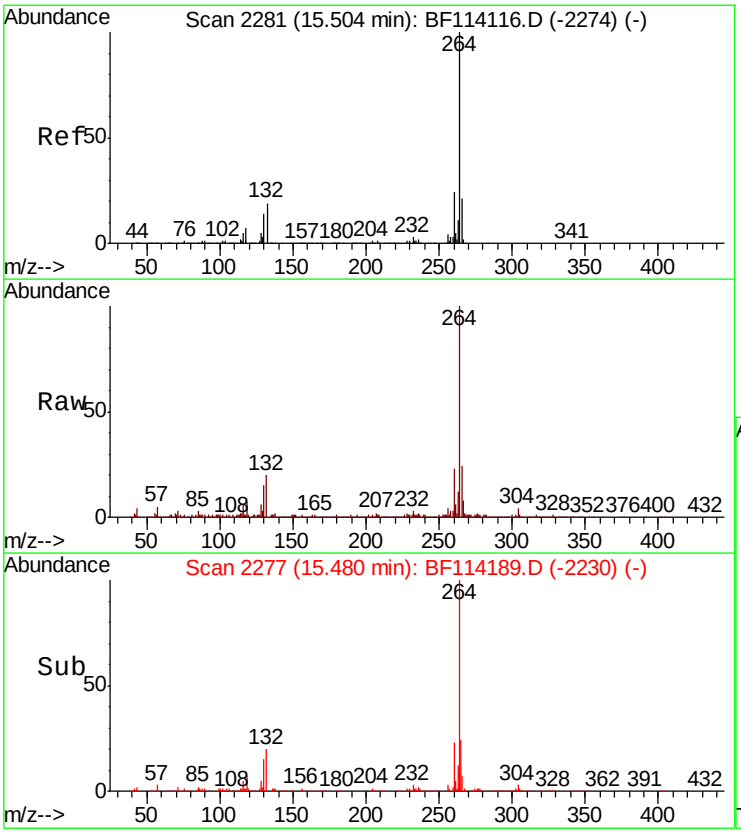
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.661 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:276 Resp: 1136112

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.2	30.2
277	24.2	20.0	30.0

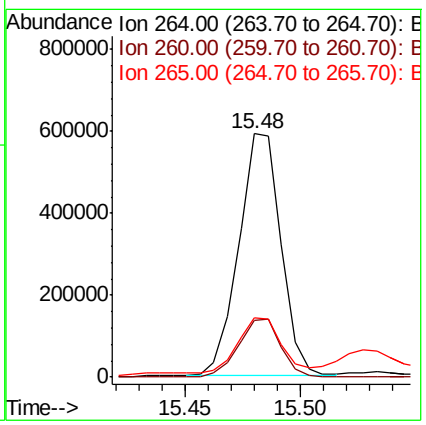


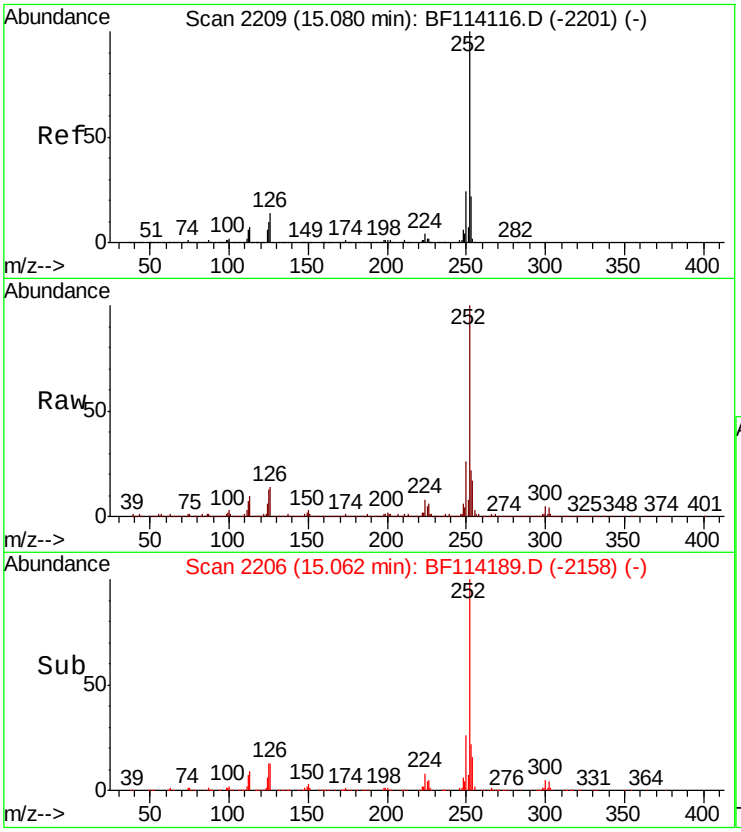


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:264 Resp: 759655

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	24.3	16.9	25.3



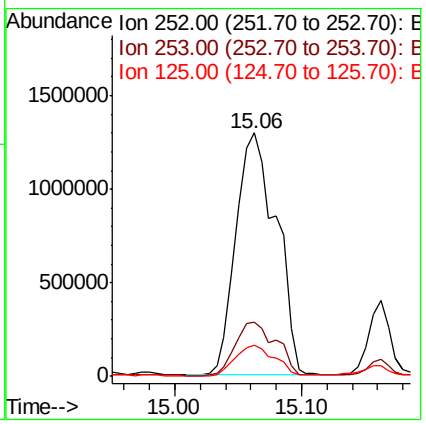


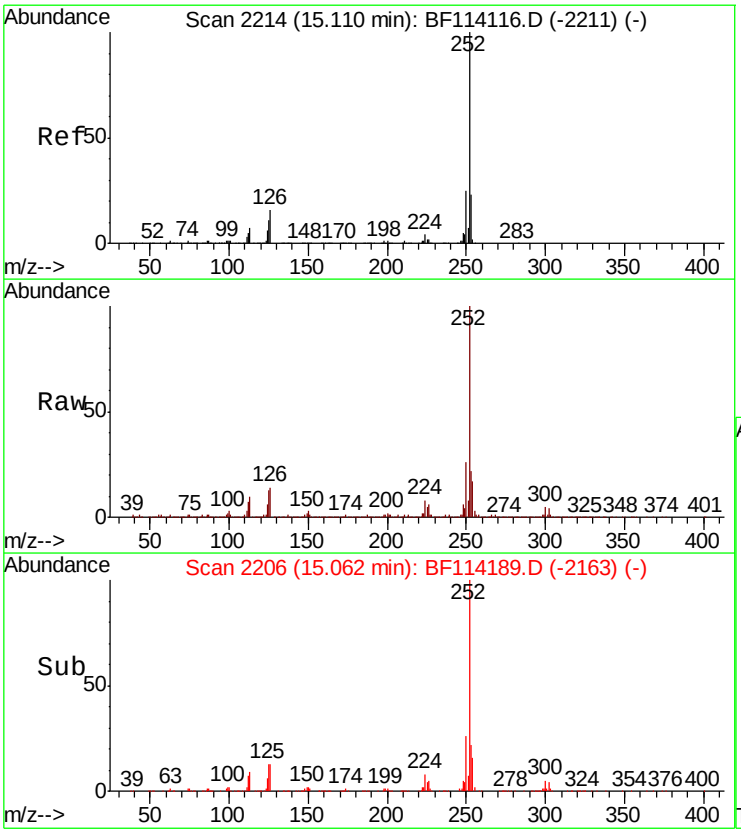
#88
Benzo(b)fluoranthene
Concen: 58.697 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:252 Resp: 2856653

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.0	8.3	12.5#

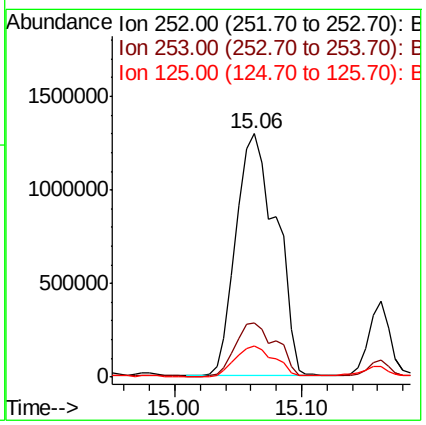


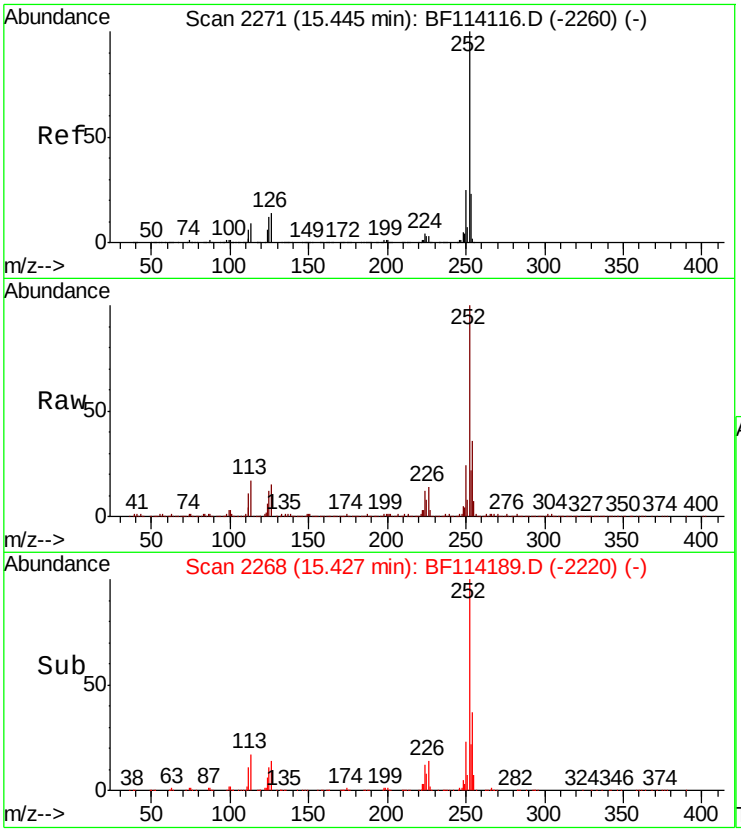


#89
Benzo(k)fluoranthene
Concen: 63.898 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:252 Resp: 2856653

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.0	8.6	13.0



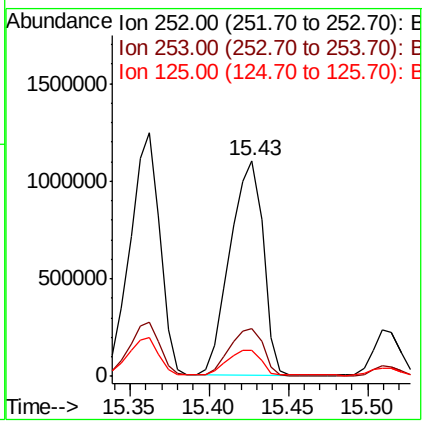


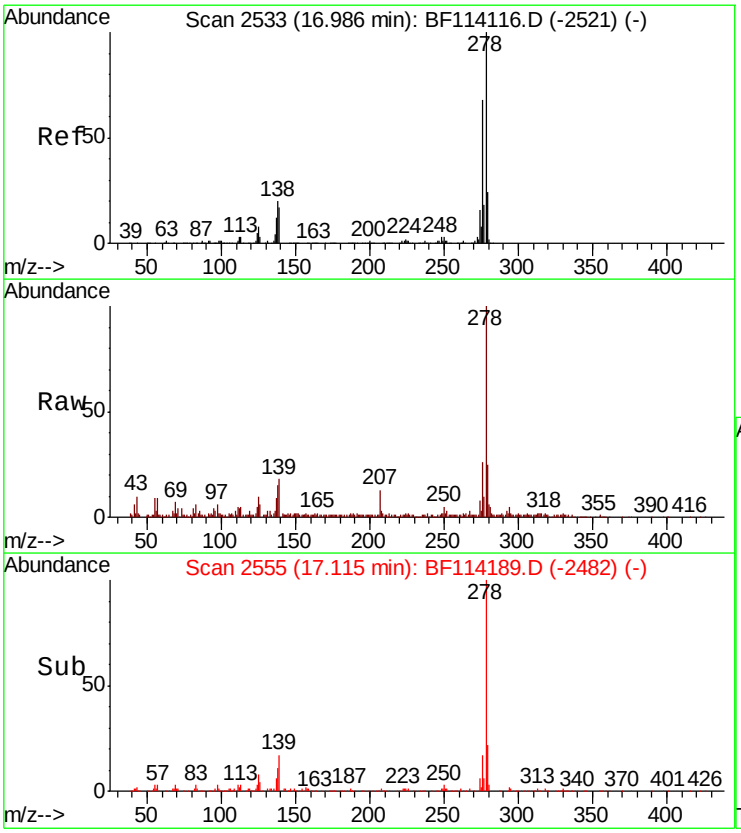
#90
Benzo(a)pyrene
Concen: 37.136 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:252 Resp: 1590587

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.8	9.5	14.3

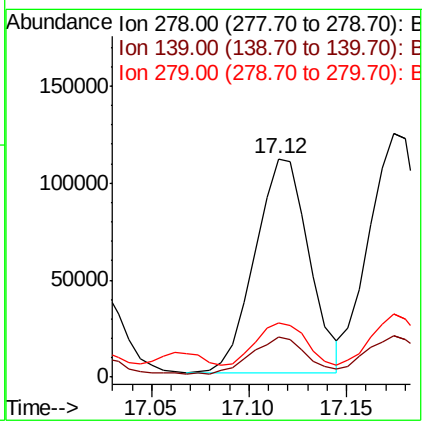


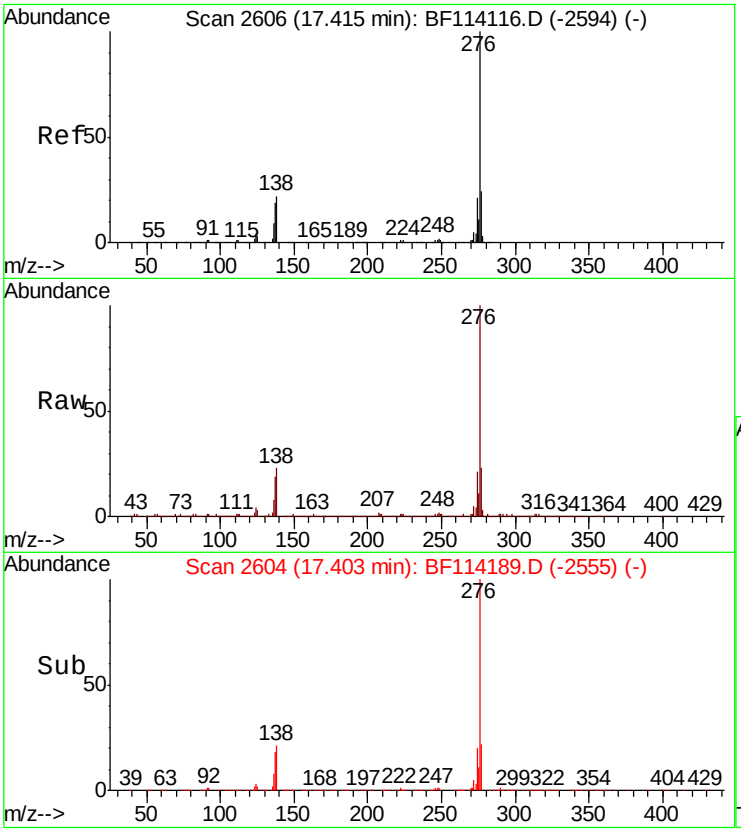


#91
Dibenzo(a,h)anthracene
Concen: 5.944 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.13 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:278 Resp: 211569

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.5	20.3
279	24.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 35.739 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:276 Resp: 1274734

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	22.5	17.8	26.6