Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114185.D
Acq On : 12 May 2019 5:42
Operator : JU/SJ
Sample : K2765-08 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS004-0002-01

Quant Time: May 13 07:02:00 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	252618	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	946827	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	415006	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	745325	20.00	ng		0.00
76) Chrysene-d12	14.01	240	614525	20.00	ng		-0.01
87) Perylene-d12	15.48	264	659085	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	201205	12.82	ng		0.00
7) Phenol-d6	6.48	99	273912	14.75	ng		-0.01
23) Nitrobenzene-d5	7.40	82	149676	8.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	51770	12.07	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	270714	9.87	ng		0.00
79) Terphenyl-d14	12.94	244	228697	7.67	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.40	82	149674	4.783	ng	#	64
32) Benzoic acid	7.89	122	2413	7.241	ng	#	84
49) Acenaphthylene	9.75	152	318226	7.754	ng		97
51) 2,6-Dinitrotoluene	9.88	165	53679	7.944	ng	#	23
71) Phenanthrene	11.39	178	1530453	42.207	ng		99
72) Anthracene	11.45	178	198904	5.461	ng		97
75) Fluoranthene	12.59	202	1906962	48.836	ng		97
78) Pyrene	12.82	202	3228664	65.311	ng		97
81) Benzo(a)anthracene	14.04	228	1376771	34.638	ng		96
82) 3,3'-Dichlorobenzidine	14.04	252	35159	2.280	ng	#	1
83) Chrysene	14.04	228	1376771	35.335	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	474628	13.783	ng		97
88) Benzo(b)fluoranthene	15.06	252	1635769	38.740	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	1635769	42.172	ng	#	97
90) Benzo(a)pyrene	15.42	252	930187	25.031	ng		98
91) Dibenzo(a,h)anthracene	17.17	278	109843	3.557	ng		94
92) Benzo(g,h,i)perylene	17.39	276	524358	16.944	ng		98

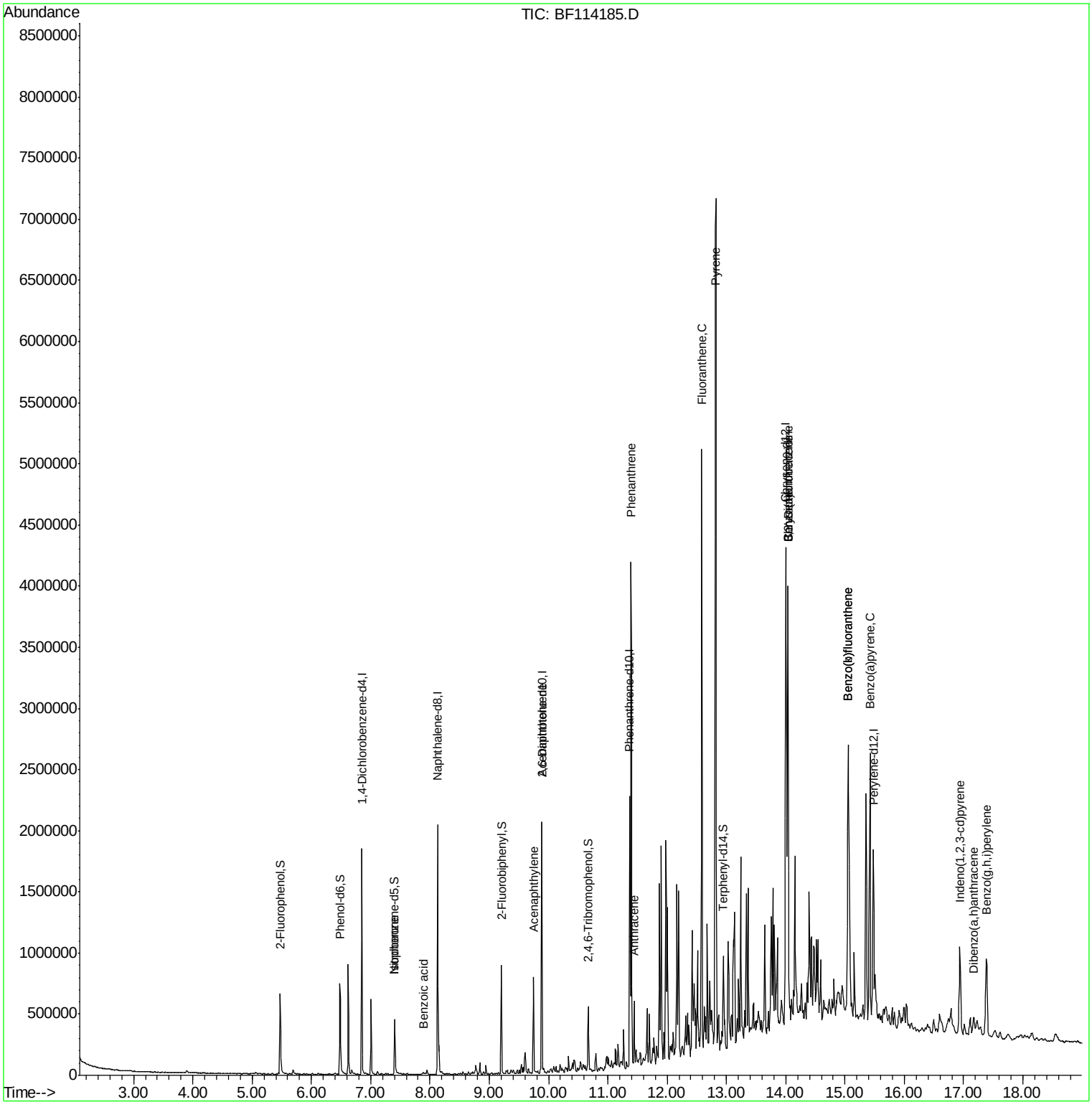
(#) = qualifier out of range (m) = manual integration (+) = signals summed

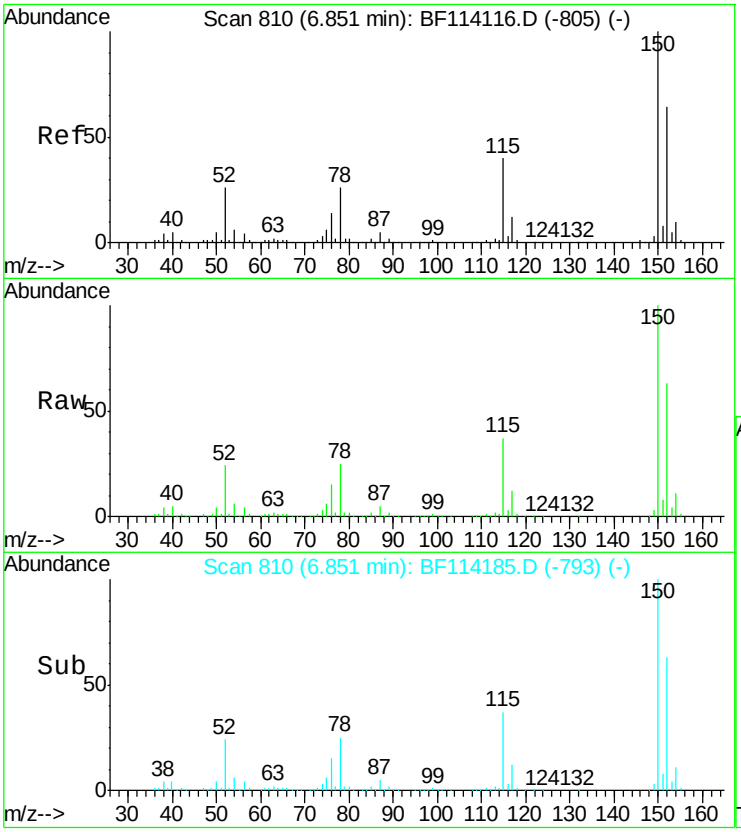
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114185.D
Acq On : 12 May 2019 5:42
Operator : JU/SJ
Sample : K2765-08 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Quant Time: May 13 07:02:00 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



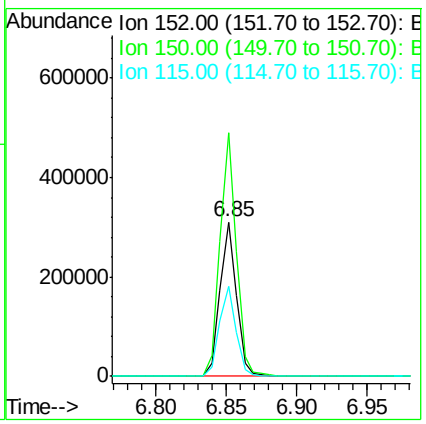


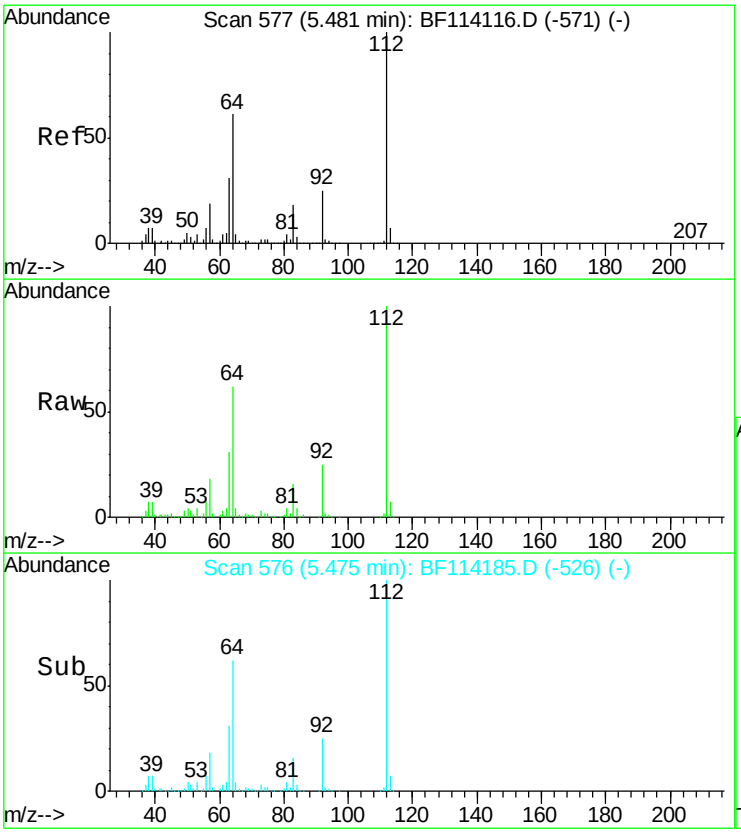
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:152 Resp: 252618

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	58.8	49.1	73.7

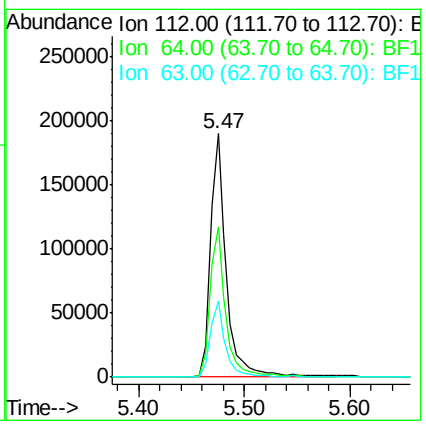


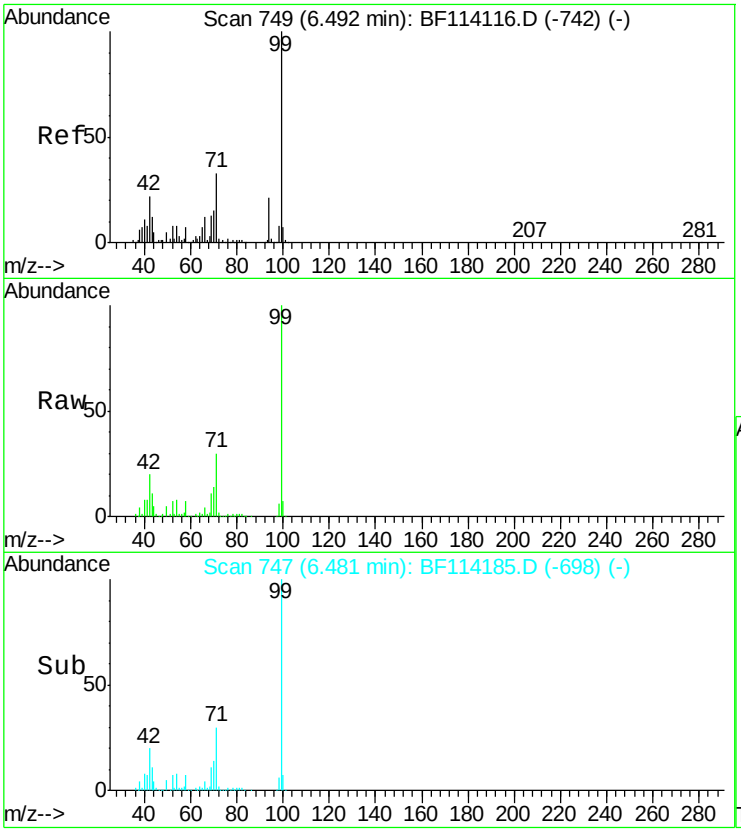


#5
2-Fluorophenol
Concen: 12.817 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:112 Resp: 201205

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.0	73.6
63	31.3	24.6	37.0



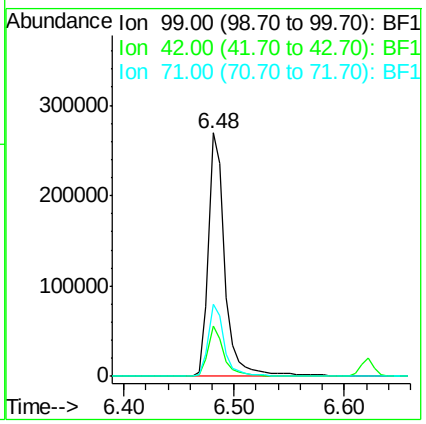


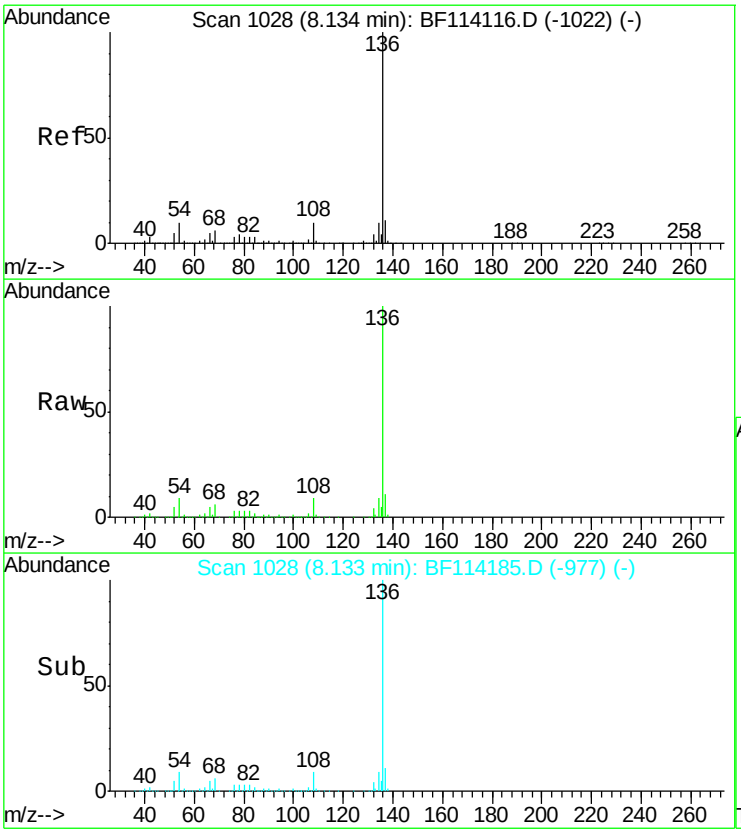
#7
Phenol-d6
Concen: 14.753 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion: 99 Resp: 273912

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.9	26.9
71	29.7	26.2	39.2

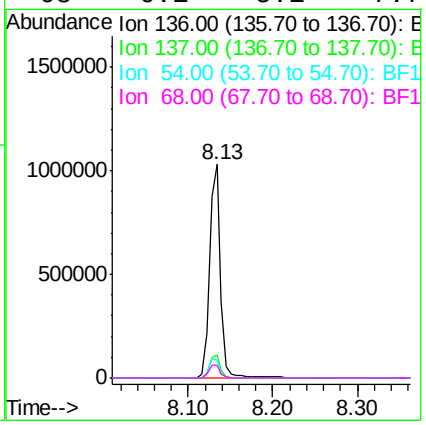


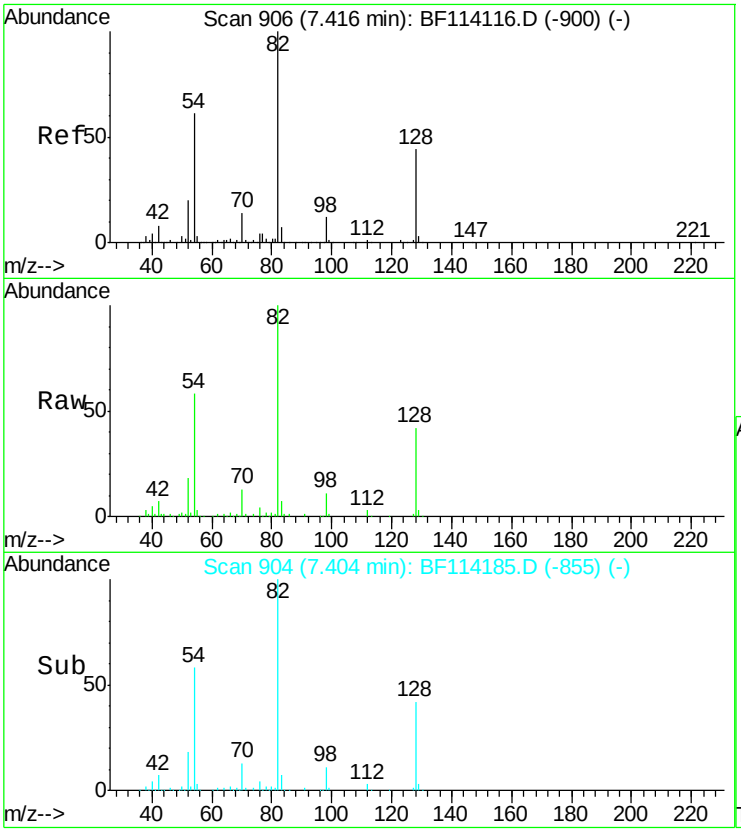


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:136 Resp: 946827

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	7.8	11.8
68	6.1	5.1	7.7



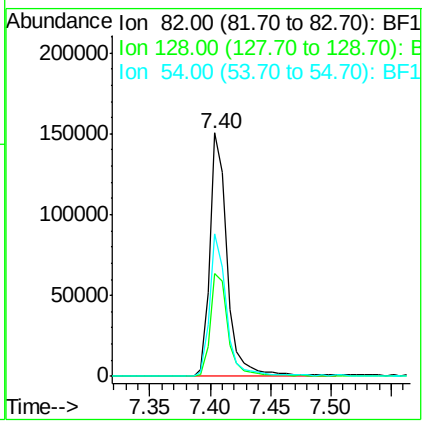


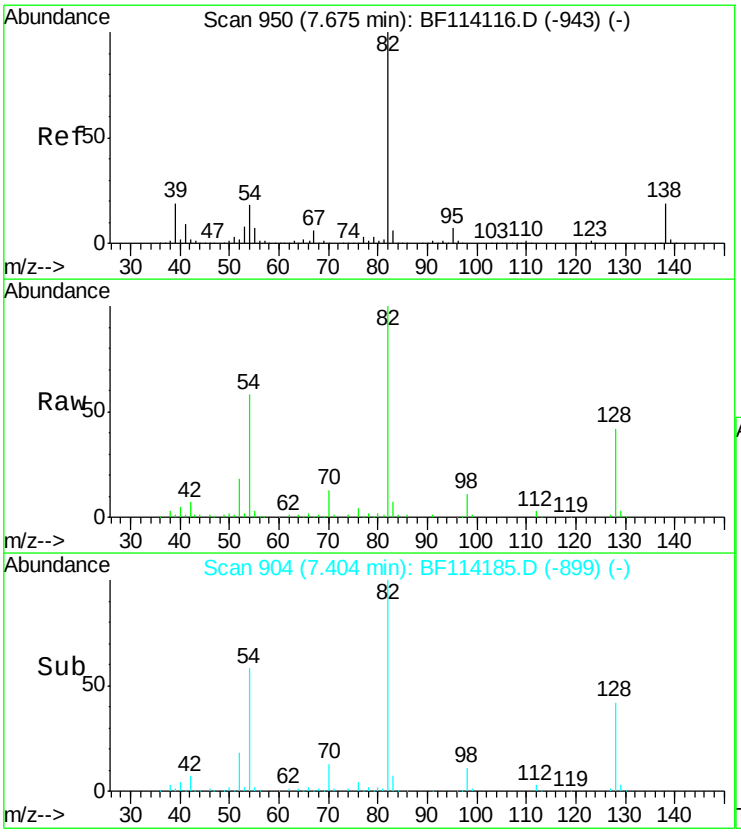
#23
Nitrobenzene-d5
Concen: 8.872 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion: 82 Resp: 149676

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.5	53.3
54	58.4	48.5	72.7

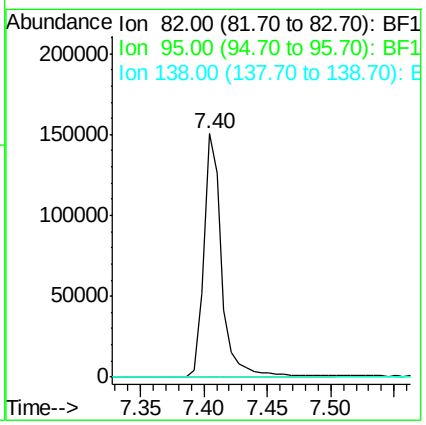


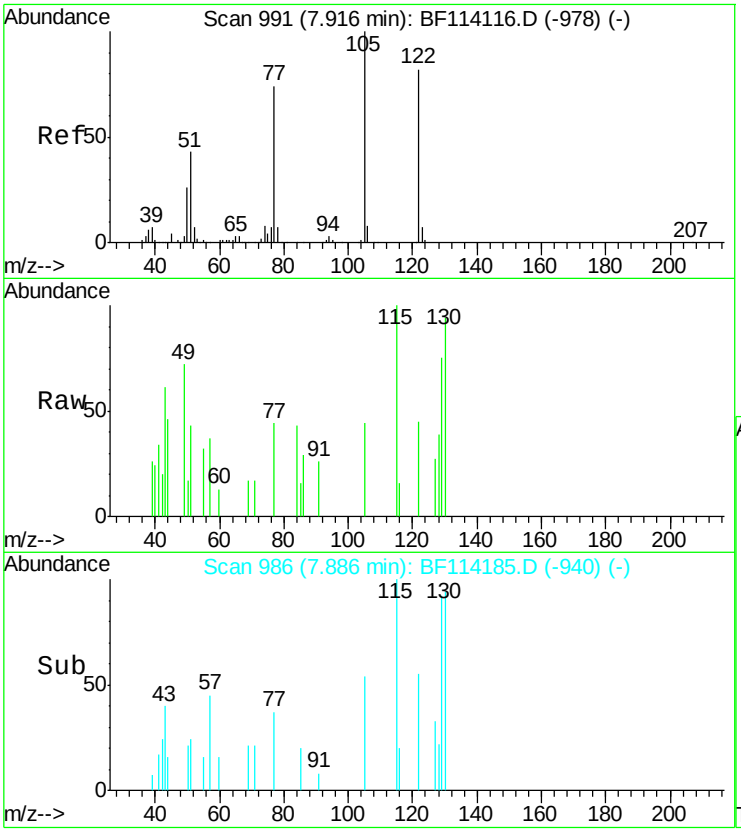


#25
Isophorone
Concen: 4.783 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion: 82 Resp: 149674

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



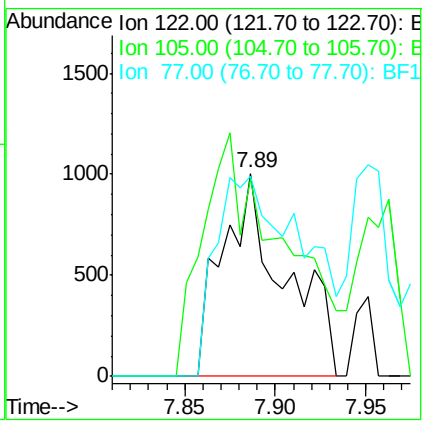


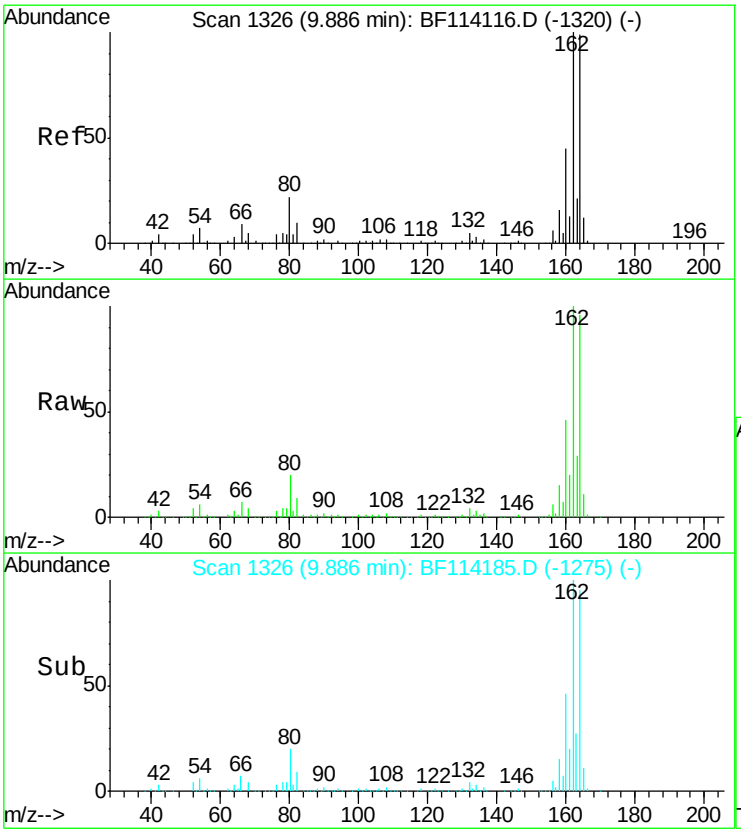
#32
Benzoic acid
Concen: 7.241 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:122 Resp: 2413

Ion	Ratio	Lower	Upper
122	100		
105	97.3	99.9	139.9#
77	98.7	69.4	109.4

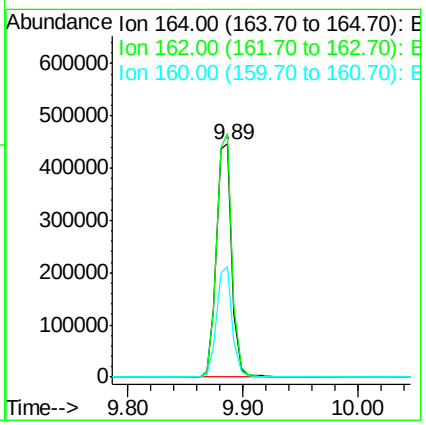


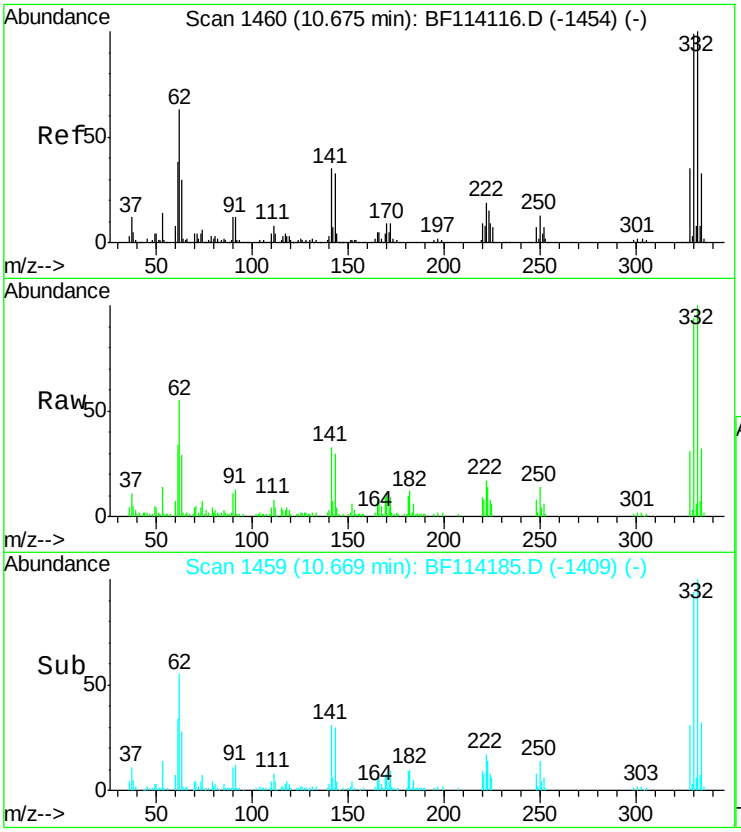


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:164 Resp: 415006

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	120.8
160	47.6	36.5	54.7



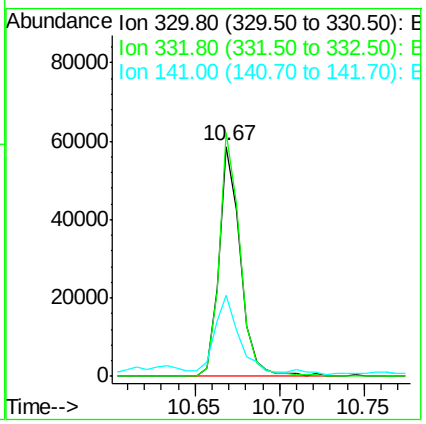


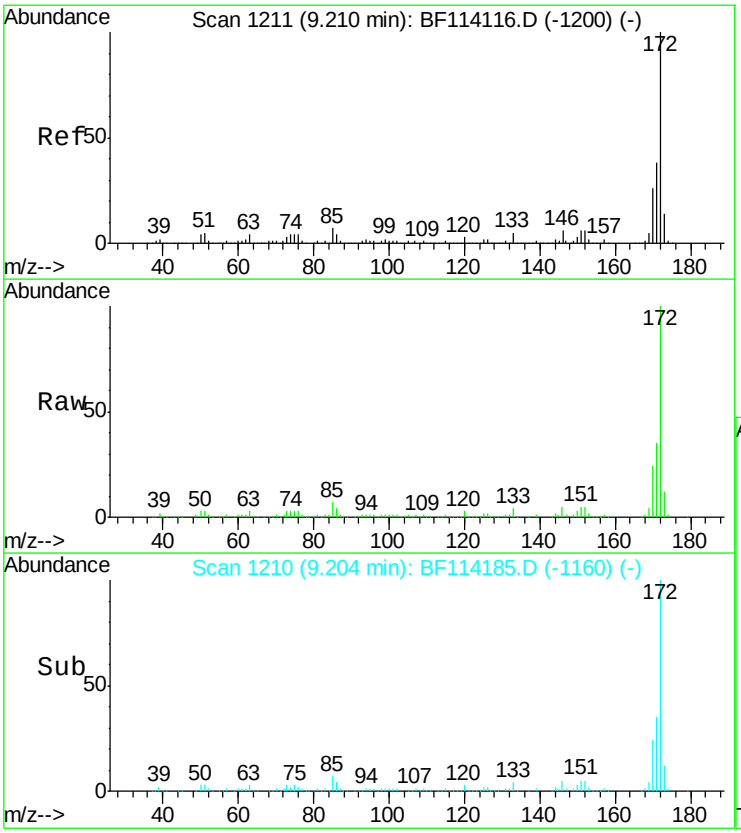
#42
2,4,6-Tribromophenol
Concen: 12.066 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:330 Resp: 51770

Ion	Ratio	Lower	Upper
330	100		
332	102.8	81.4	122.2
141	36.3	26.6	40.0

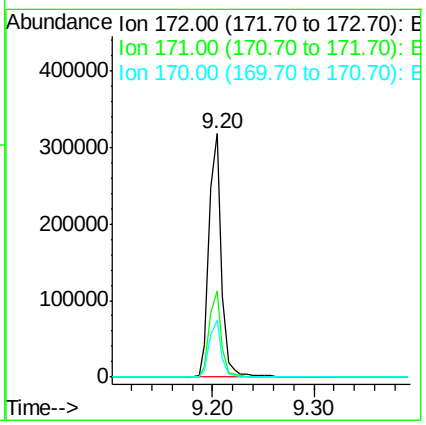


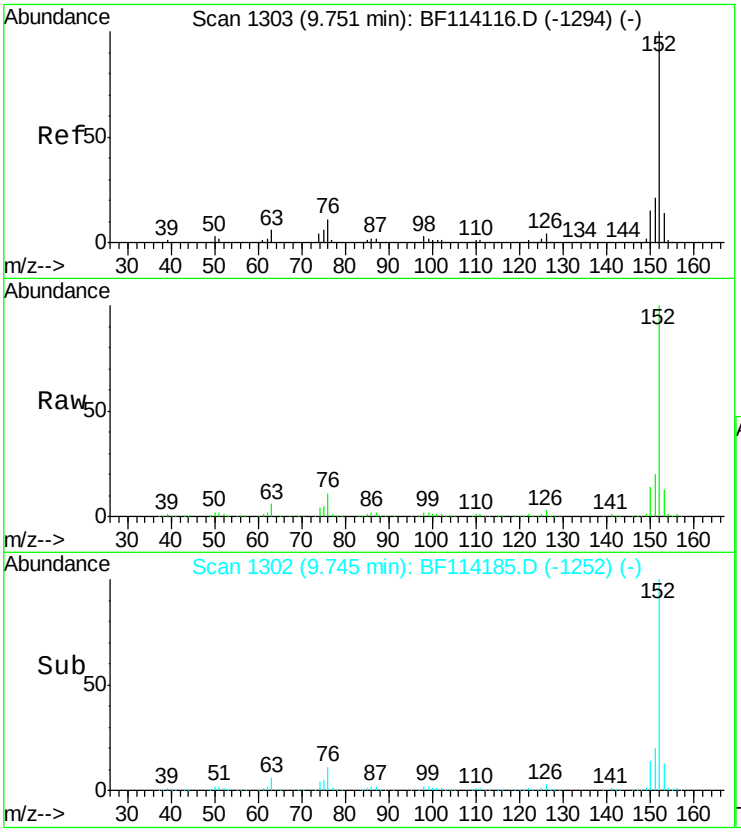


#45
2-Fluorobiphenyl
Concen: 9.867 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:172 Resp: 270714

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	23.5	20.5	30.7



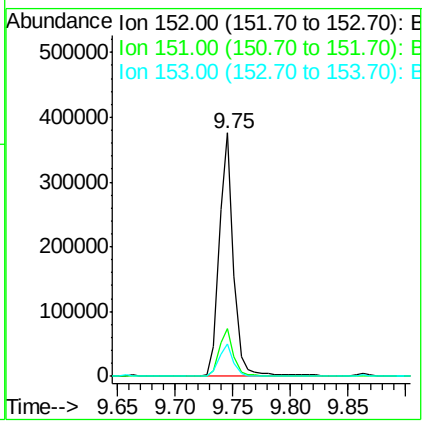


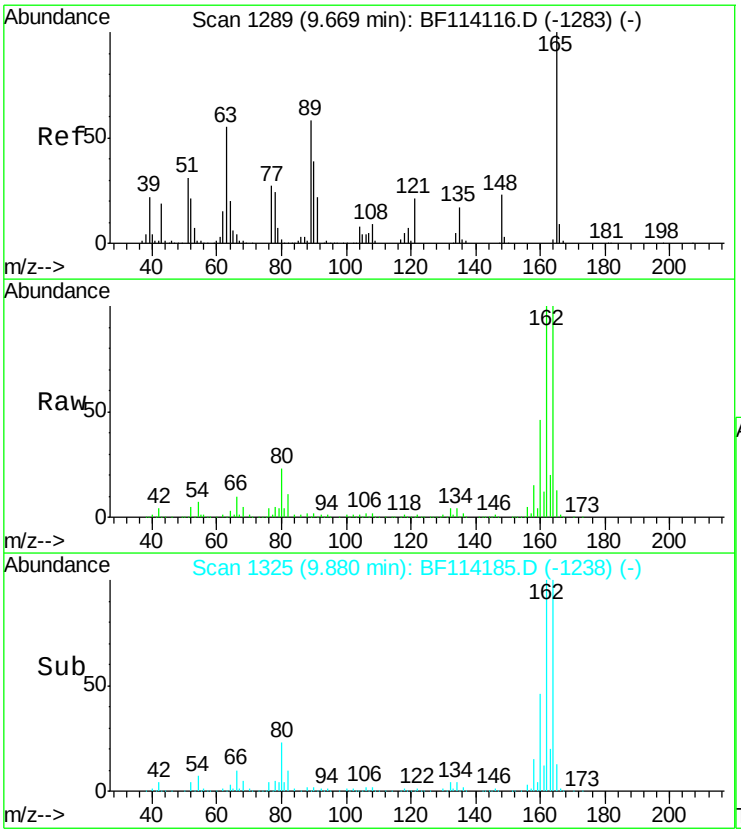
#49
Acenaphthylene
Concen: 7.754 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:152 Resp: 318226

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.3	11.4	17.2

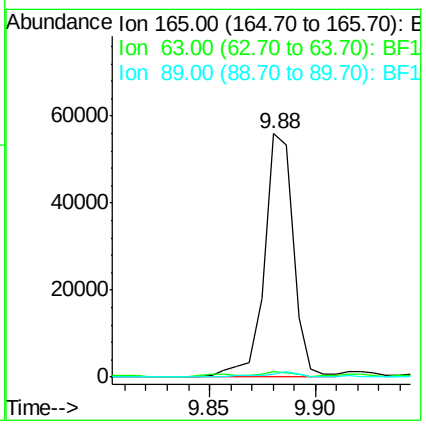


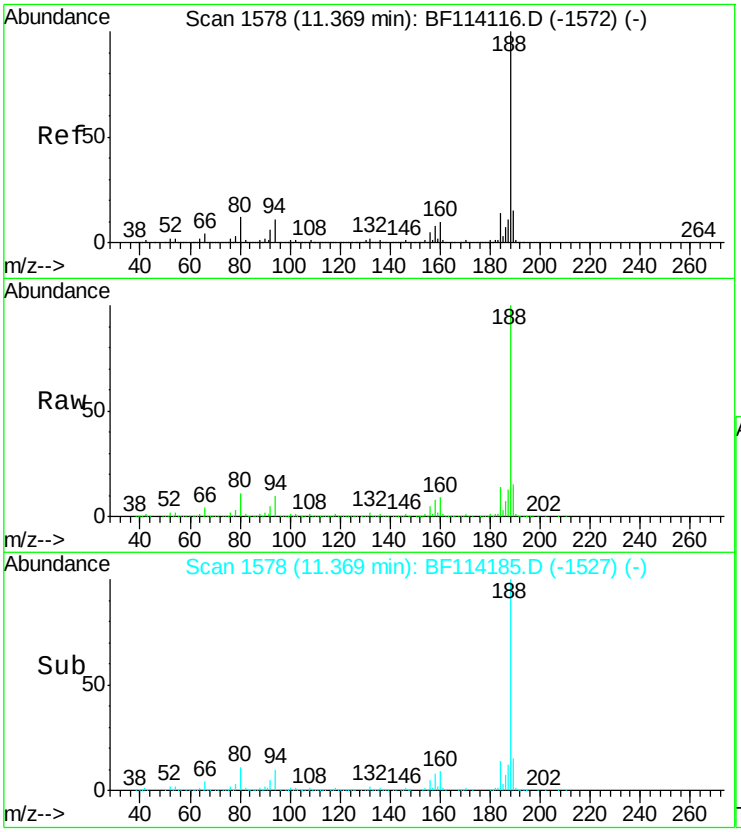


#51
2,6-Dinitrotoluene
Concen: 7.944 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:165 Resp: 53679

Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.2	75.4#
89	1.3	46.6	69.8#



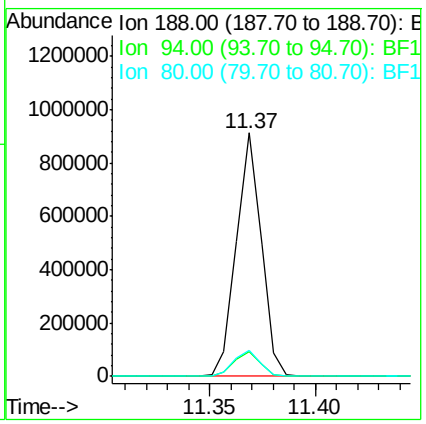


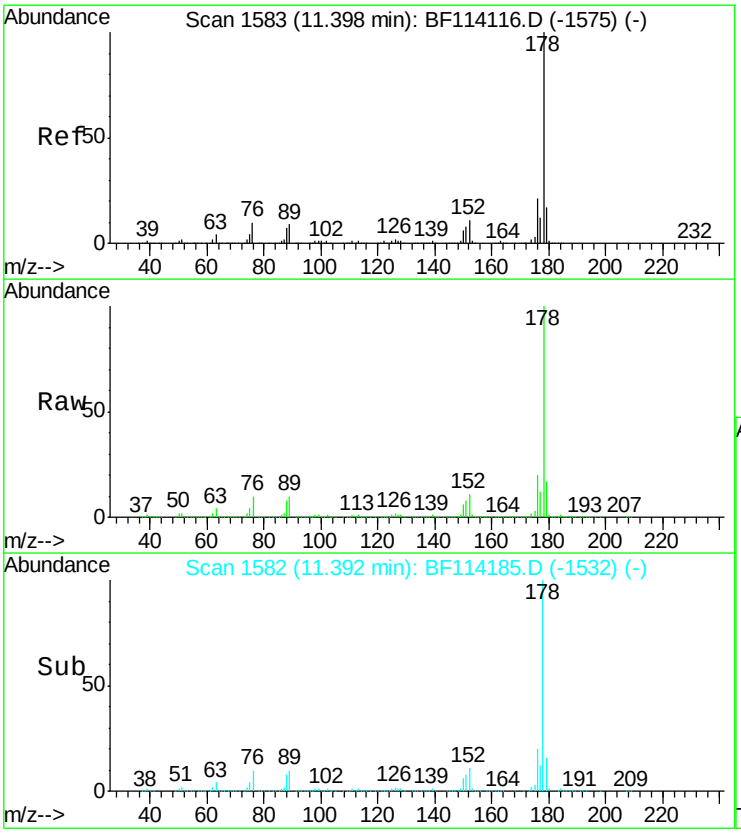
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:188 Resp: 745325

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.8	9.2	13.8

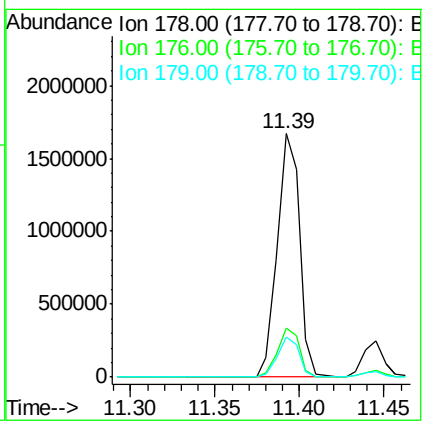


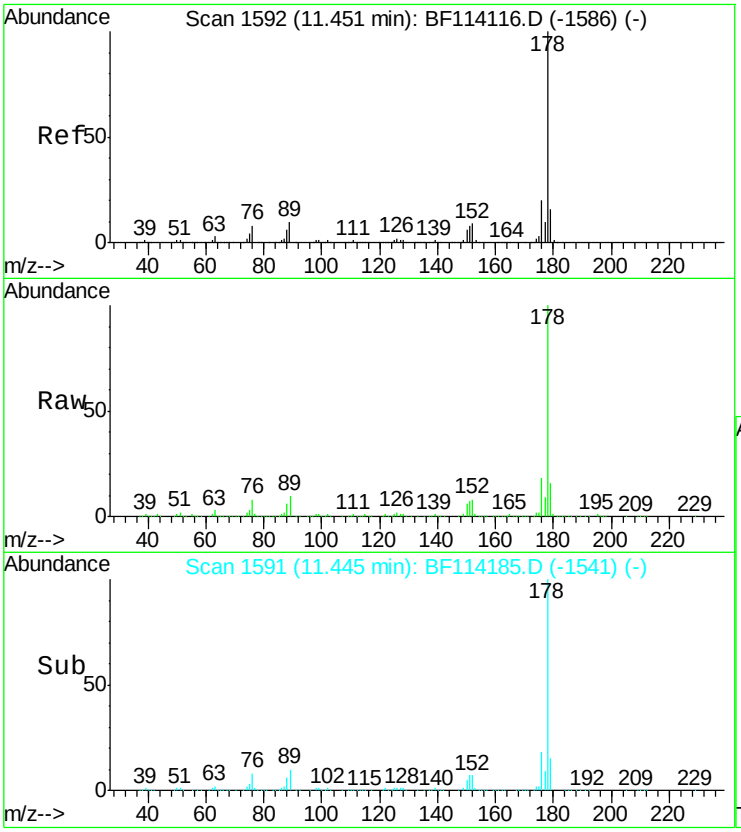


#71
Phenanthrene
Concen: 42.207 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:178 Resp: 1530453

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	16.5	13.2	19.8



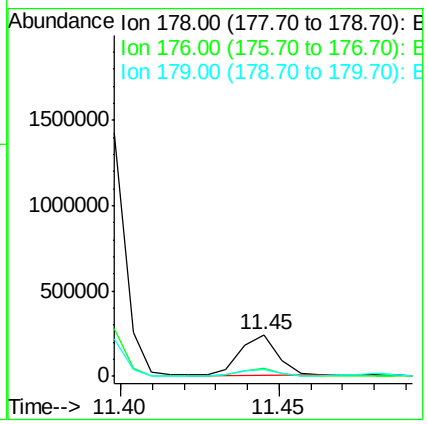


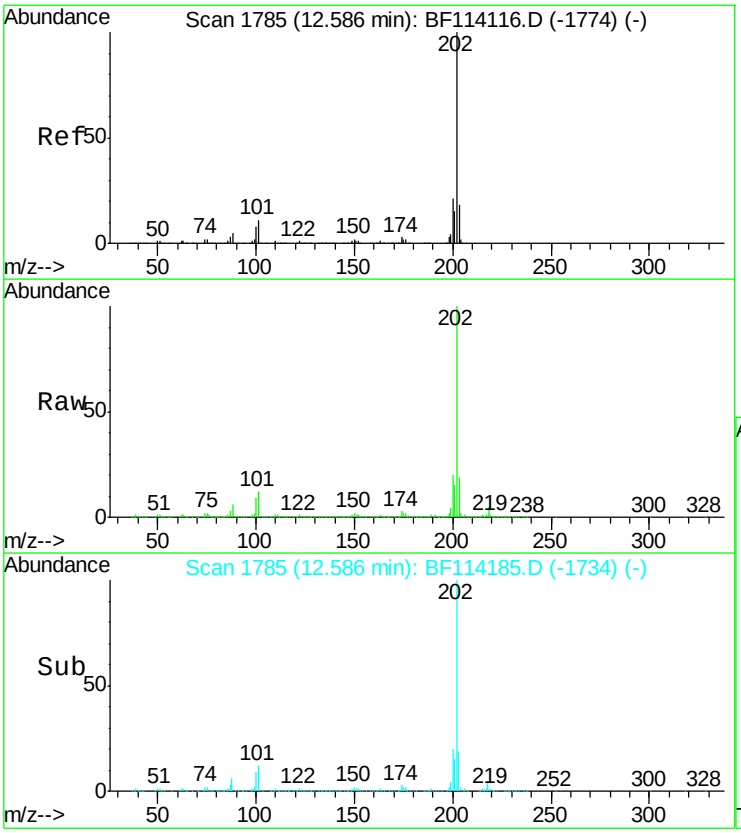
#72
Anthracene
Concen: 5.461 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:178 Resp: 198904

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.5	13.0	19.4

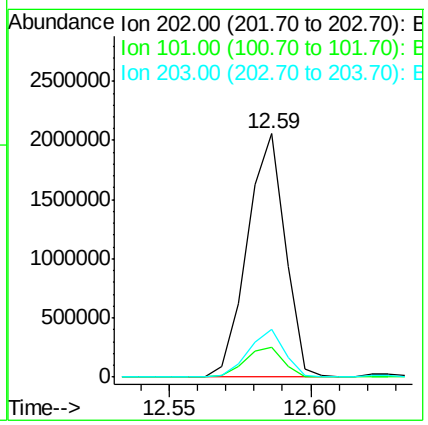


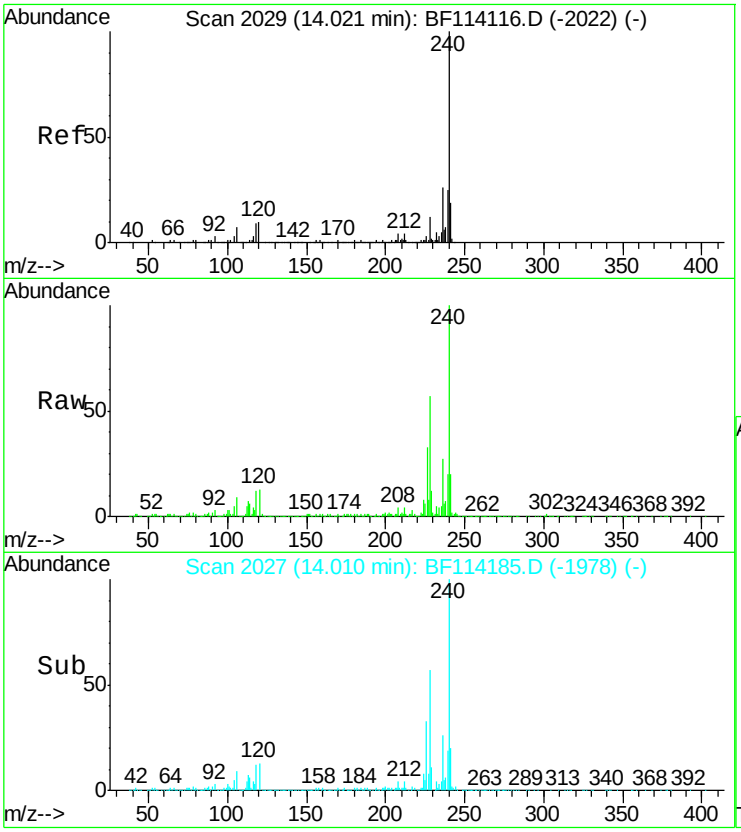


#75
Fluoranthene
Concen: 48.836 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:202 Resp: 1906962

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	19.4	0.0	38.4



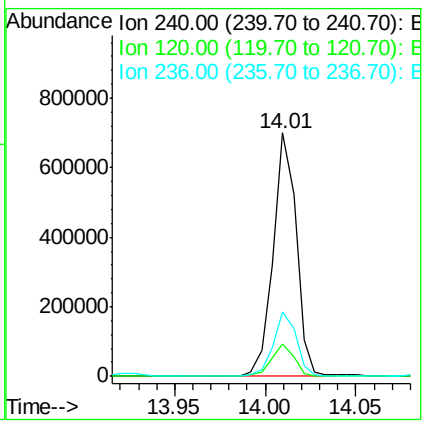


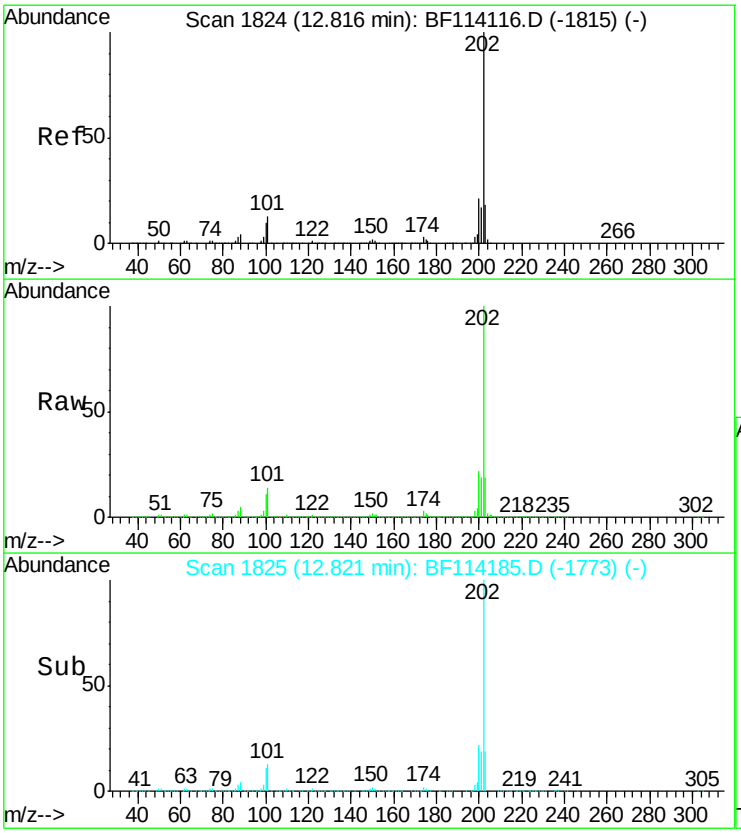
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:240 Resp: 614525

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	26.6	20.8	31.2

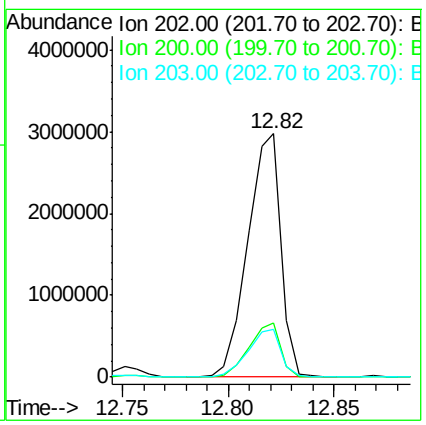


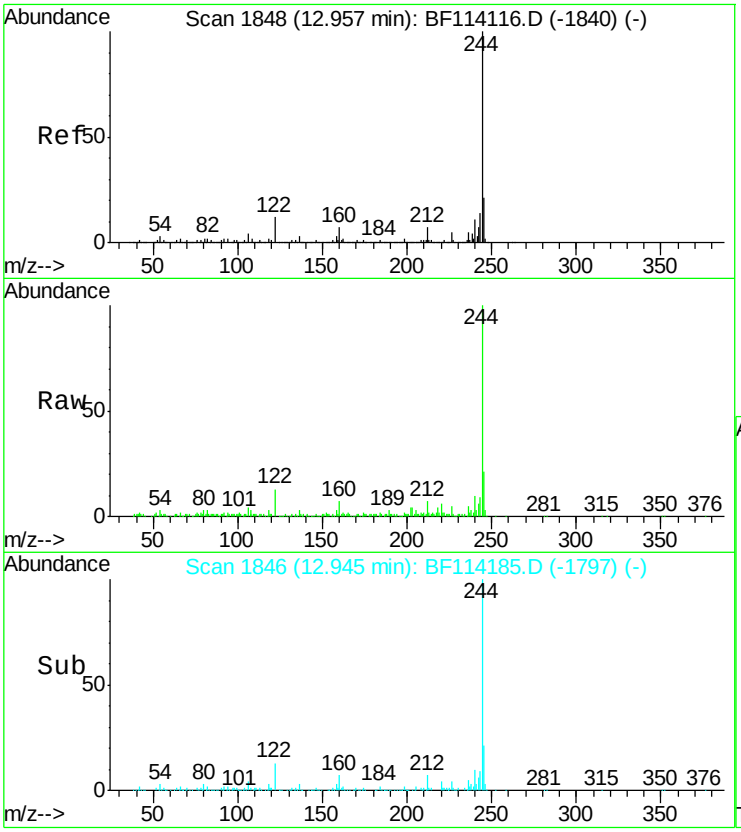


#78
Pyrene
Concen: 65.311 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:202 Resp: 3228664

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.4	14.5	21.7



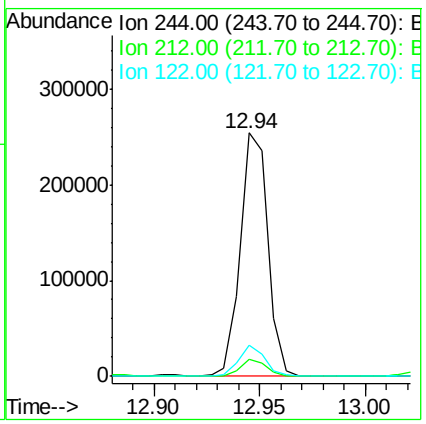


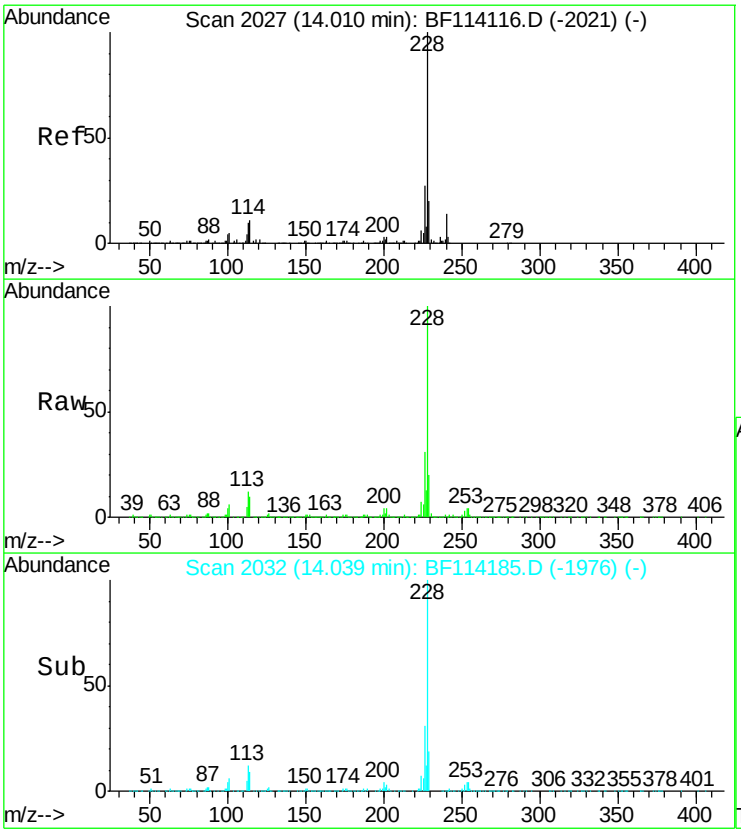
#79
Terphenyl-d14
Concen: 7.672 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:244 Resp: 228697

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.9	9.4	14.2

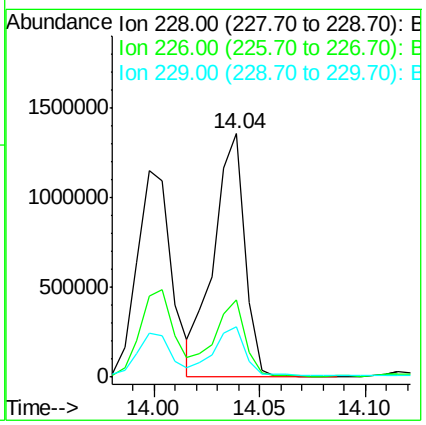


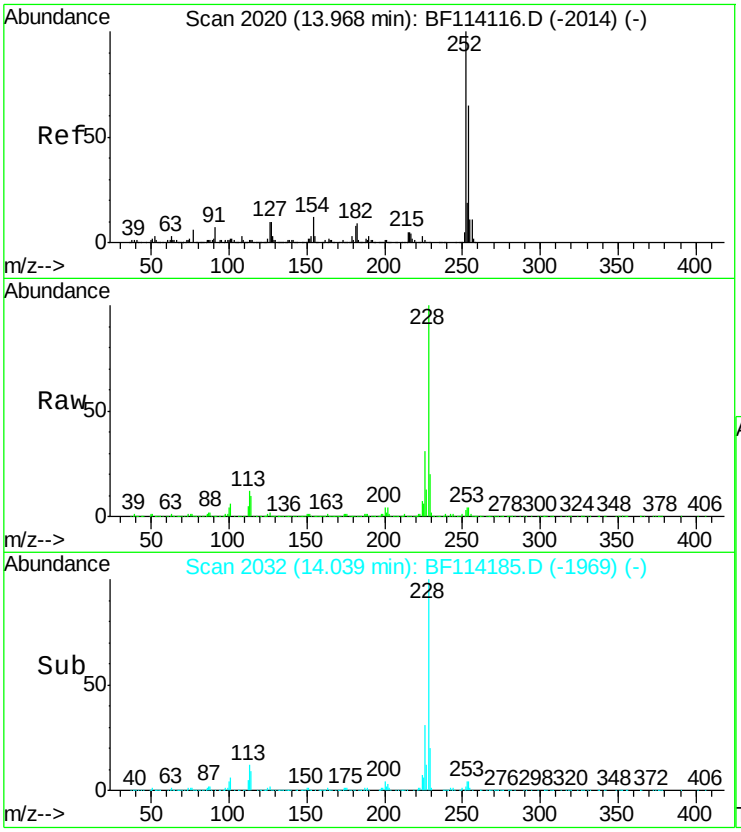


#81
Benzo(a)anthracene
Concen: 34.638 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:228 Resp: 1376771

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.2
229	20.4	16.4	24.6



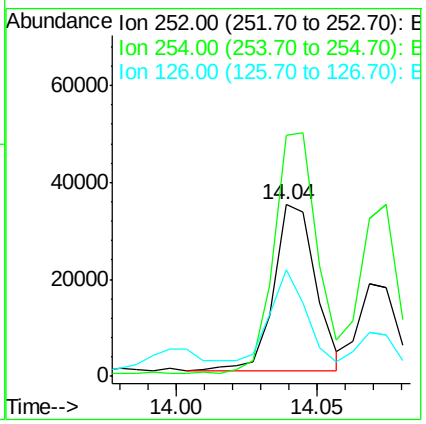


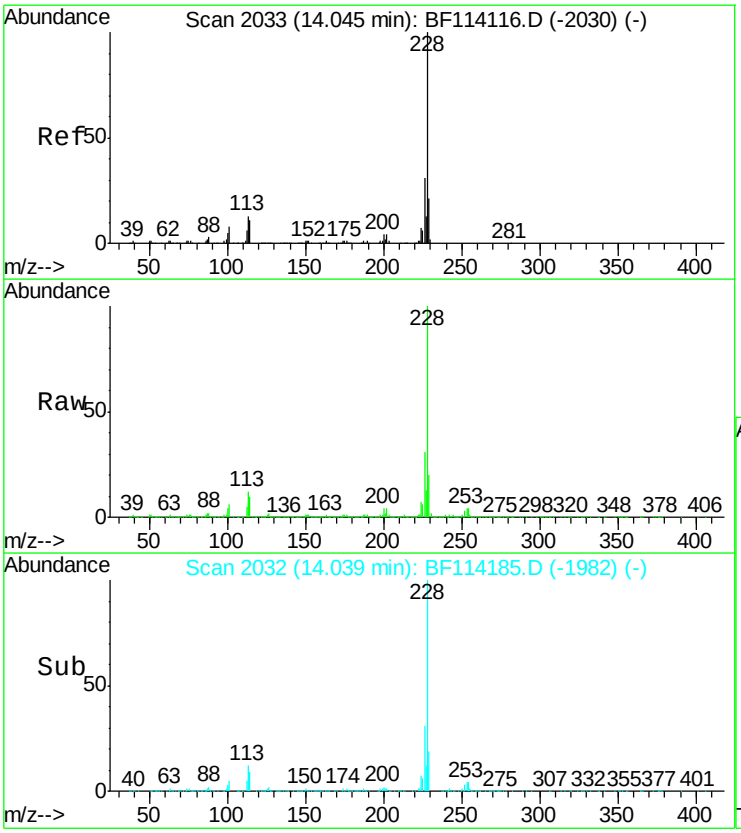
#82
3,3'-Dichlorobenzidine
Concen: 2.280 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.07 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:252 Resp: 35159

Ion	Ratio	Lower	Upper
252	100		
254	140.0	51.9	77.9#
126	61.9	7.9	11.9#

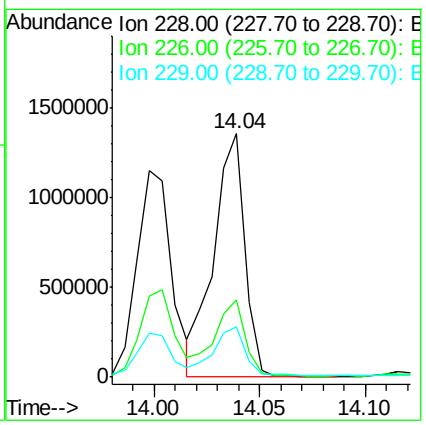


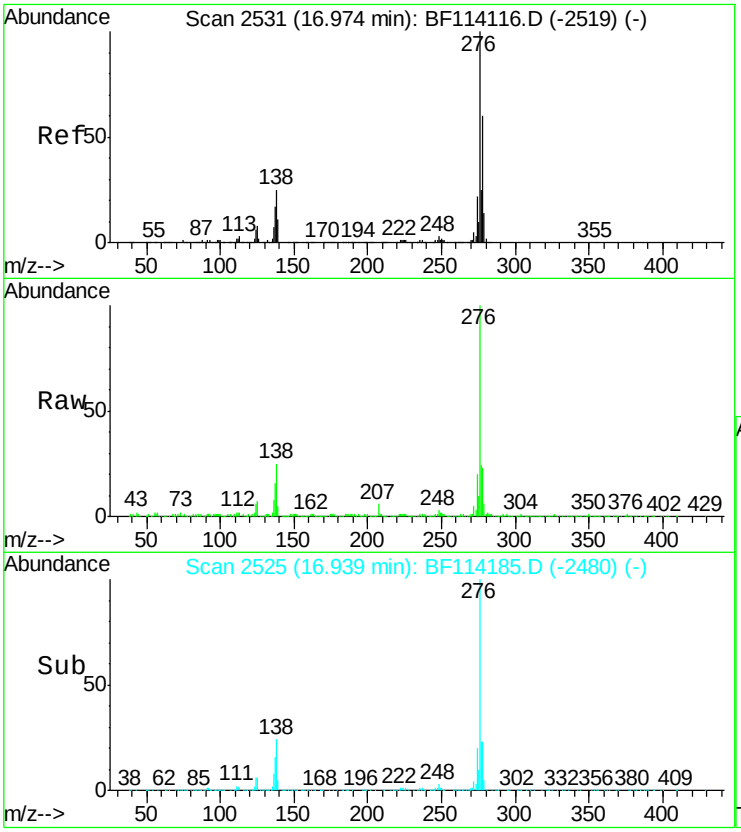


#83
Chrysene
Concen: 35.335 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:228 Resp: 1376771

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.4	17.0	25.6



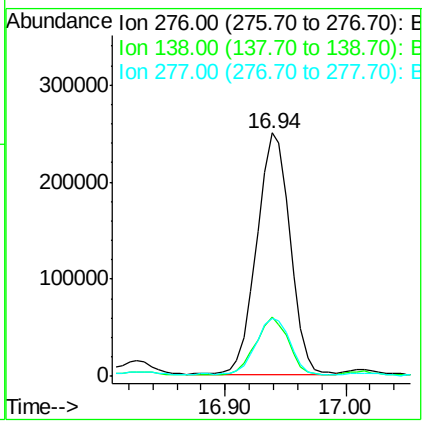


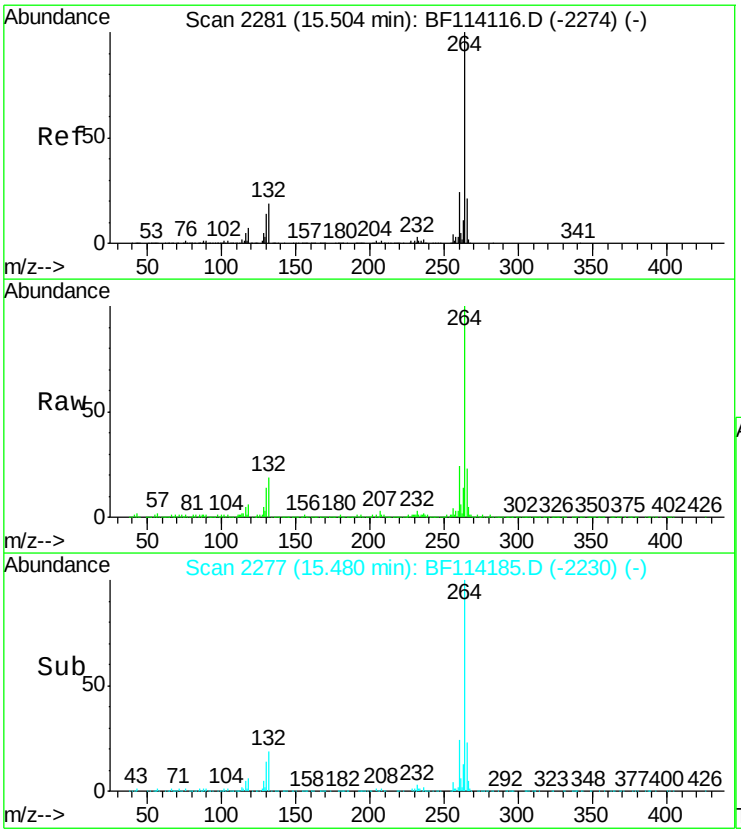
#86
Indeno(1,2,3-cd)pyrene
Concen: 13.783 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:276 Resp: 474628

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.2
277	24.1	20.0	30.0

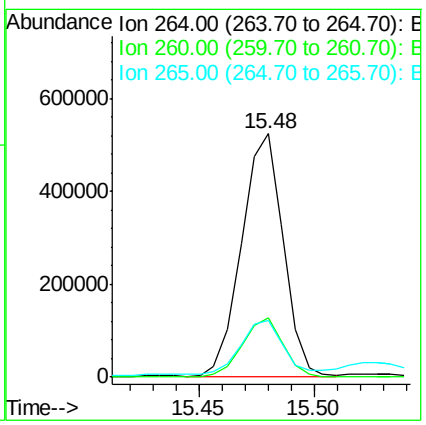


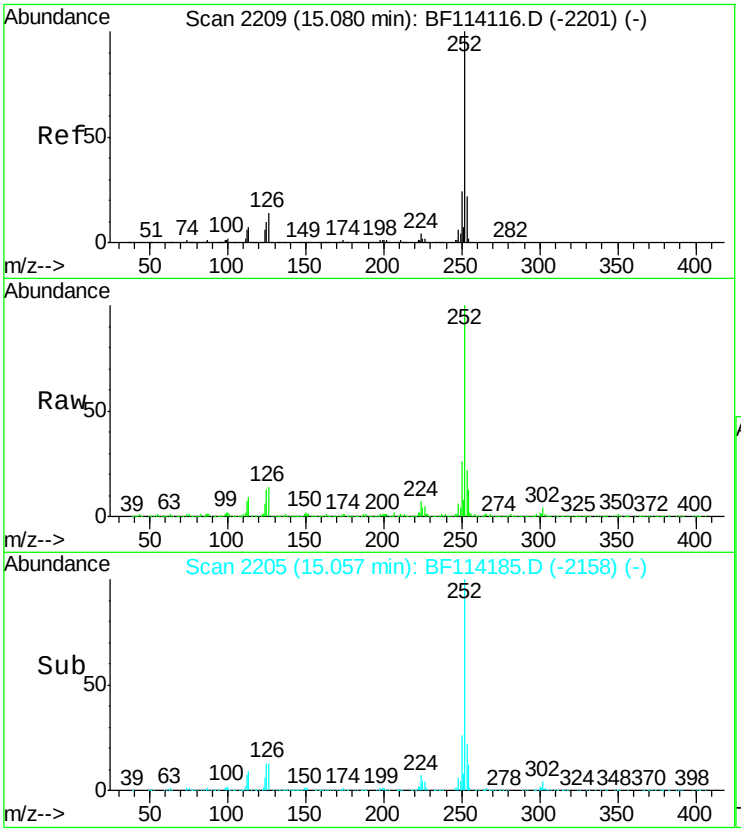


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:264 Resp: 659085

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	23.3	16.9	25.3



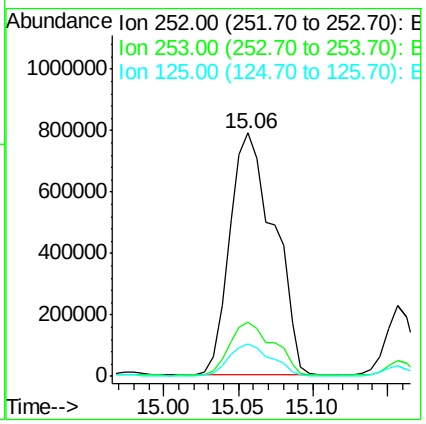


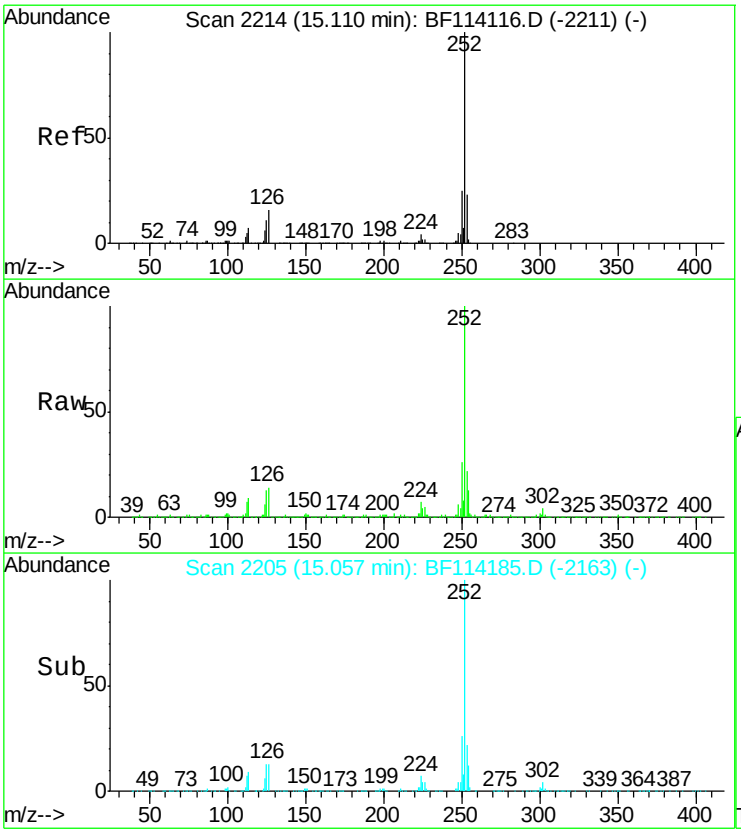
#88
Benzo(b)fluoranthene
Concen: 38.740 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:252 Resp: 1635769

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.1	8.3	12.5#

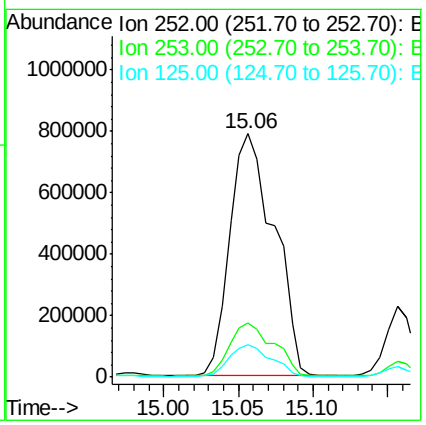


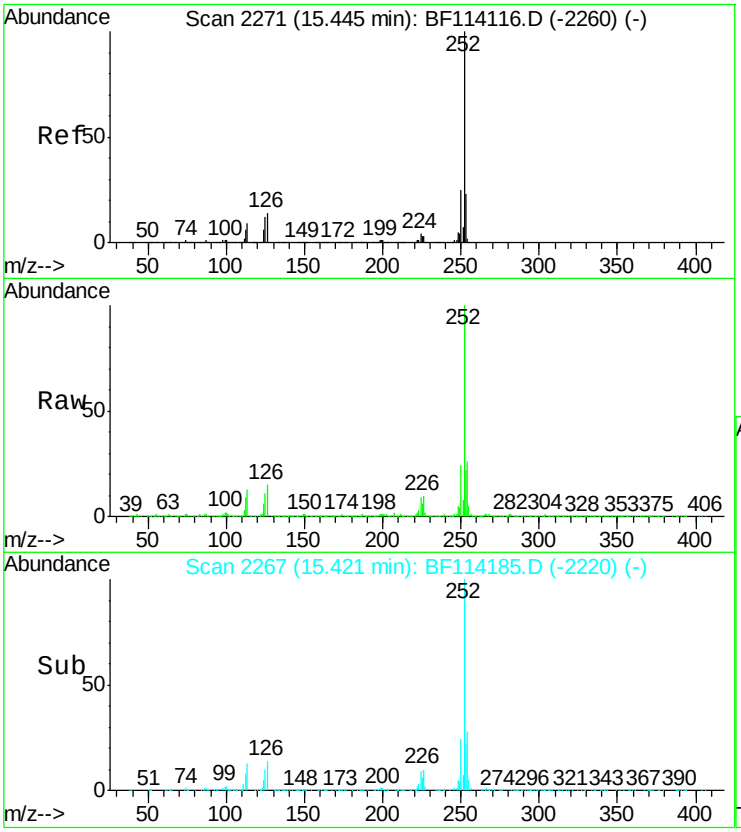


#89
Benzo(k)fluoranthene
Concen: 42.172 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.05 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:252 Resp: 1635769

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.1	8.6	13.0#



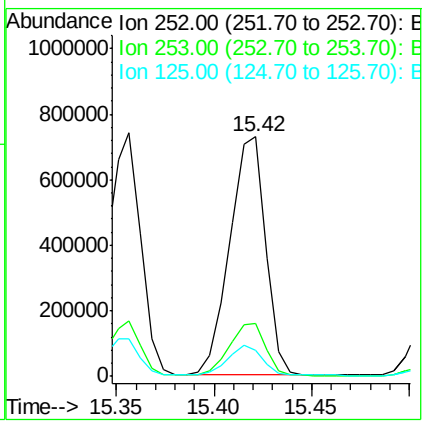


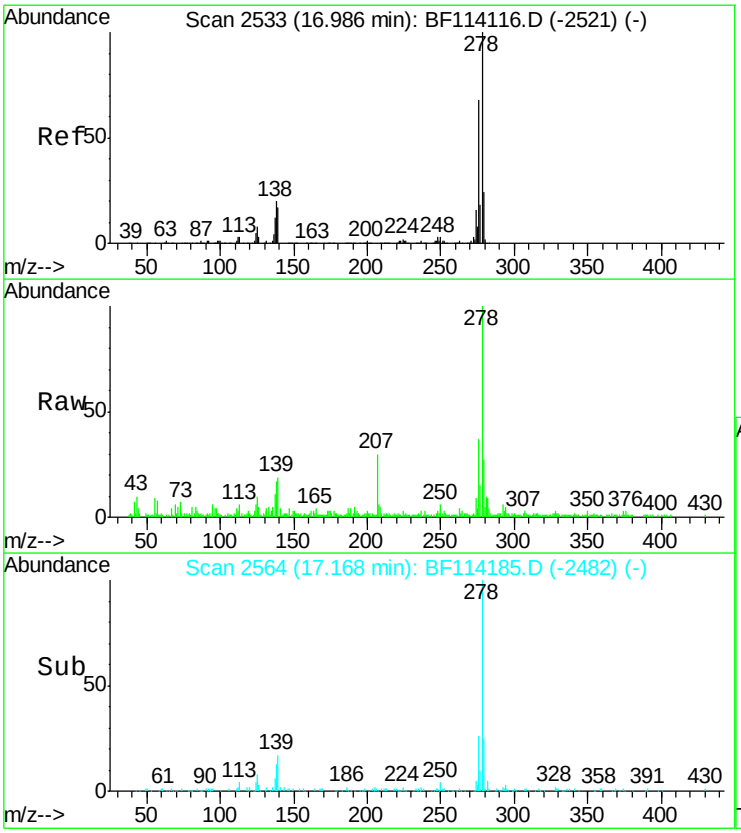
#90
Benzo(a)pyrene
Concen: 25.031 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:252 Resp: 930187

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.0	9.5	14.3

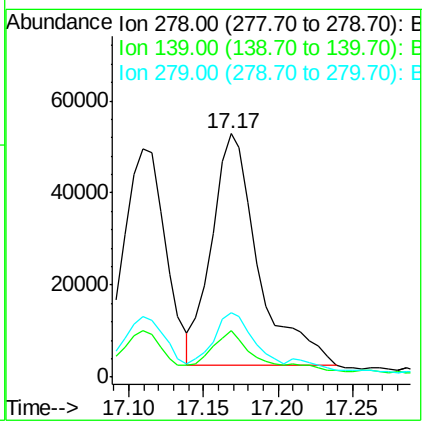


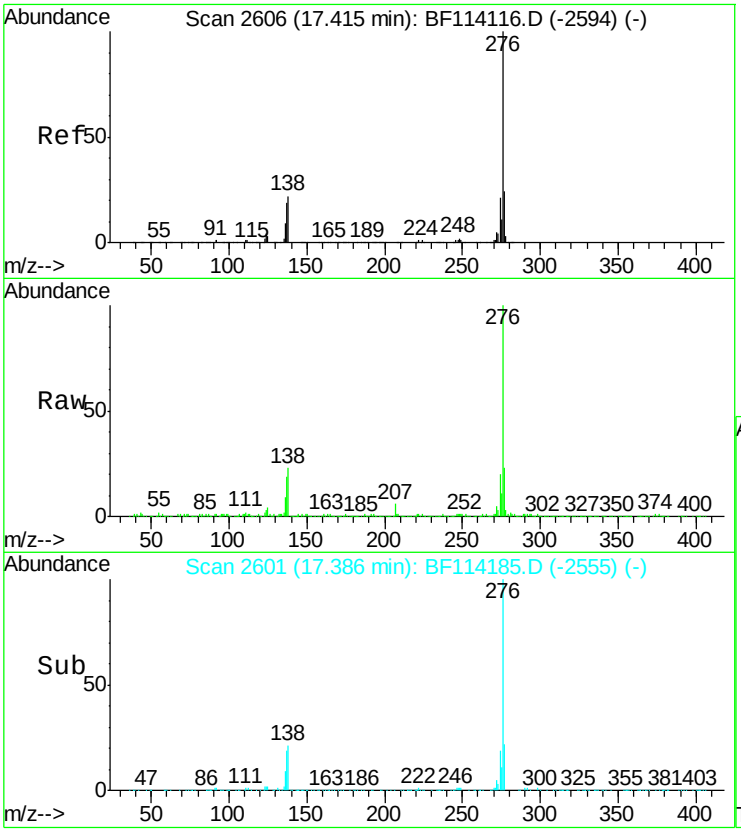


#91
Dibenzo(a,h)anthracene
Concen: 3.557 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.18 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Tgt Ion:278 Resp: 109843

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.5	20.3
279	26.7	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 16.944 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114185.D
Acq: 12 May 2019 5:42

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0002-01

Tgt Ion:276 Resp: 524358

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	22.8	17.8	26.6