Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114175.D
Acq On : 12 May 2019 1:19
Operator : JU/SJ
Sample : K2765-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1218-01

Quant Time: May 12 05:58:06 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	317663	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1168561	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	547182	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	968960	20.00	ng		0.00
76) Chrysene-d12	14.01	240	595077	20.00	ng		-0.01
87) Perylene-d12	15.49	264	790815	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2061967	104.46	ng		0.00
7) Phenol-d6	6.49	99	2755944	118.04	ng		0.00
23) Nitrobenzene-d5	7.41	82	1719545	82.58	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	599320	105.94	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2551986	70.55	ng		0.00
79) Terphenyl-d14	12.95	244	1954875	67.72	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	231327	15.632	ng	#	77
25) Isophorone	7.41	82	1716174	44.440	ng	#	64
31) Naphthalene	8.15	128	122958	2.253	ng		97
32) Benzoic acid	7.86	122	4063	7.322	ng	#	83
49) Acenaphthylene	9.75	152	485307	8.969	ng		97
50) Dimethylphthalate	9.60	163	488187	12.154	ng		99
54) 2,4-Dinitrophenol	9.95	184	122	6.770	ng	#	1
67) 4-Bromophenyl-phenylether	10.67	248	38352	3.595	ng	#	1
71) Phenanthrene	11.39	178	1030718	21.865	ng		99
72) Anthracene	11.45	178	225513	4.763	ng		97
75) Fluoranthene	12.59	202	1874512	36.925	ng		98
78) Pyrene	12.82	202	3038286	63.468	ng		98
80) Butylbenzylphthalate	13.49	149	40637	2.017	ng	#	60
81) Benzo(a)anthracene	14.04	228	1667711	43.329	ng		95
83) Chrysene	14.04	228	1667711	44.201	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	1021760	30.642	ng		97
88) Benzo(b)fluoranthene	15.06	252	2697491	53.243	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	2697491	57.961	ng		98
90) Benzo(a)pyrene	15.43	252	1506699	33.791	ng		98
91) Dibenzo(a,h)anthracene	17.12	278	175327	4.732	ng		94
92) Benzo(g,h,i)perylene	17.40	276	1134358	30.550	ng		98

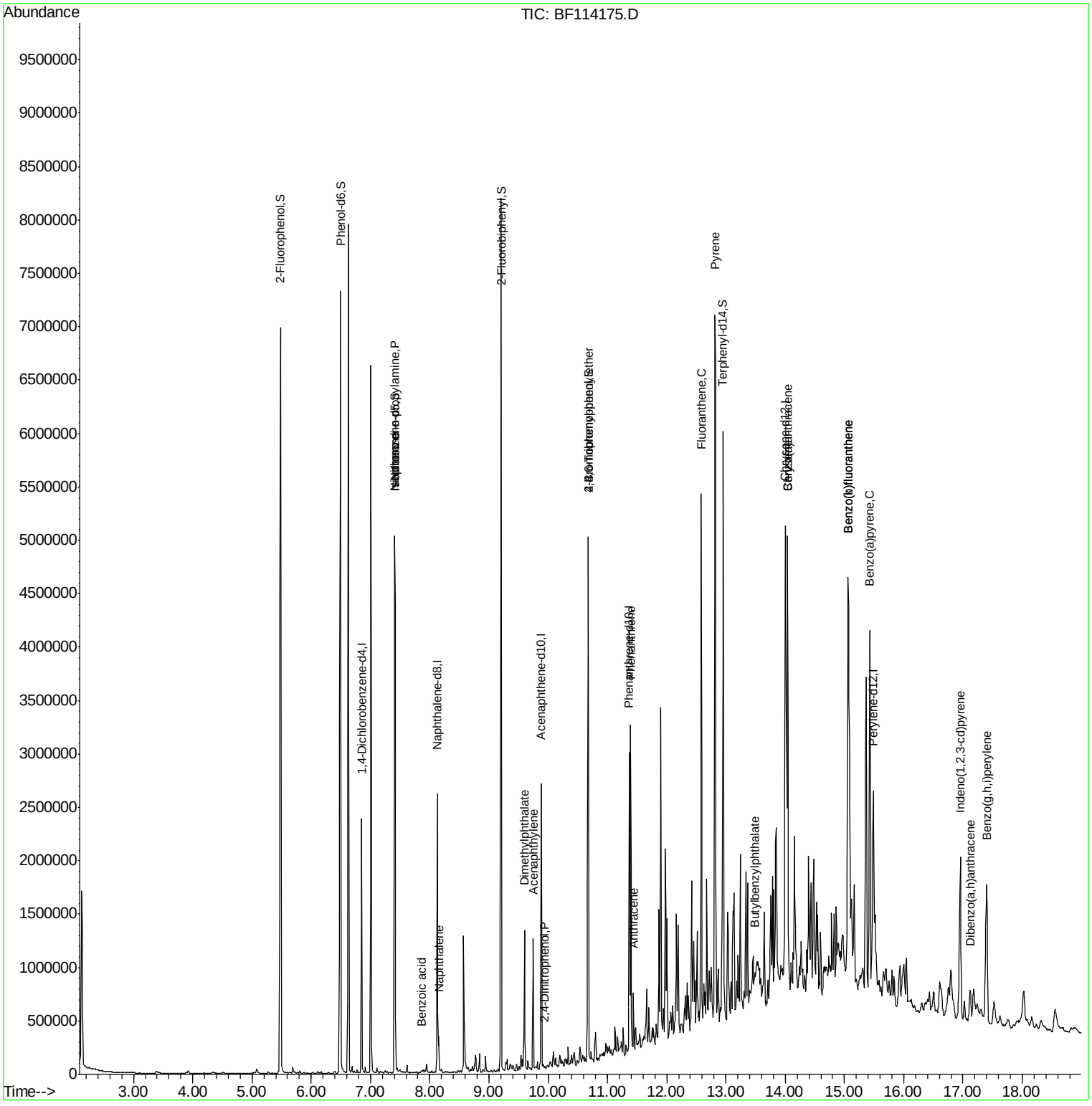
(#) = qualifier out of range (m) = manual integration (+) = signals summed

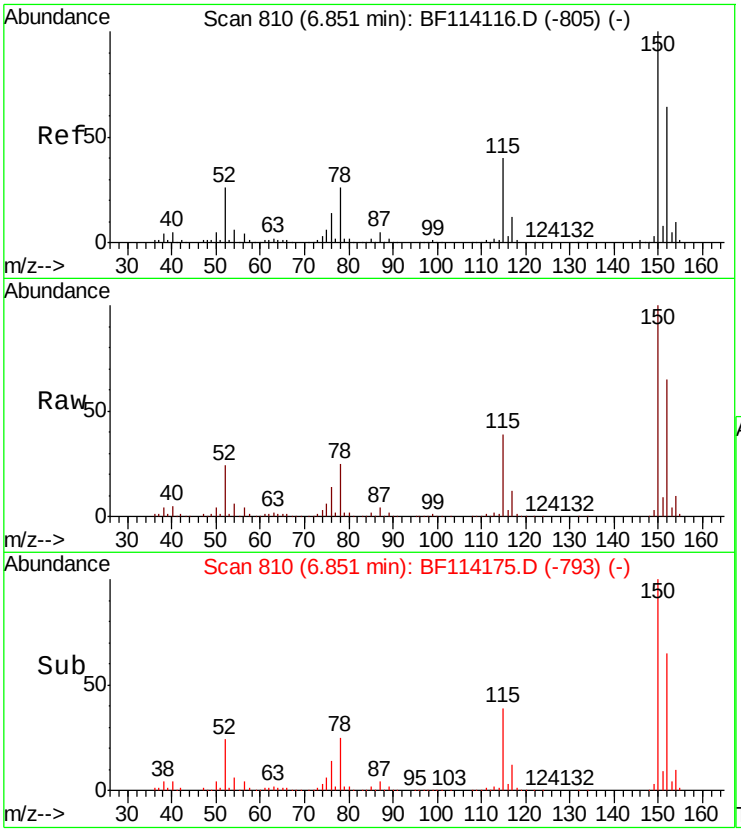
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114175.D
Acq On : 12 May 2019 1:19
Operator : JU/SJ
Sample : K2765-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Quant Time: May 12 05:58:06 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



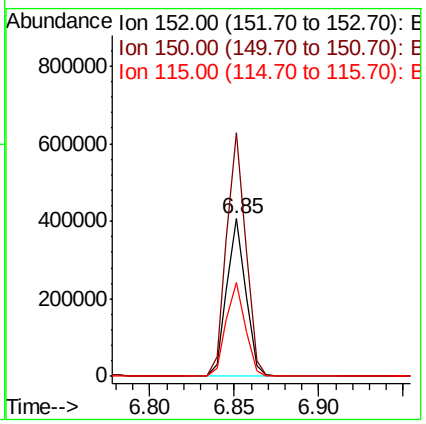


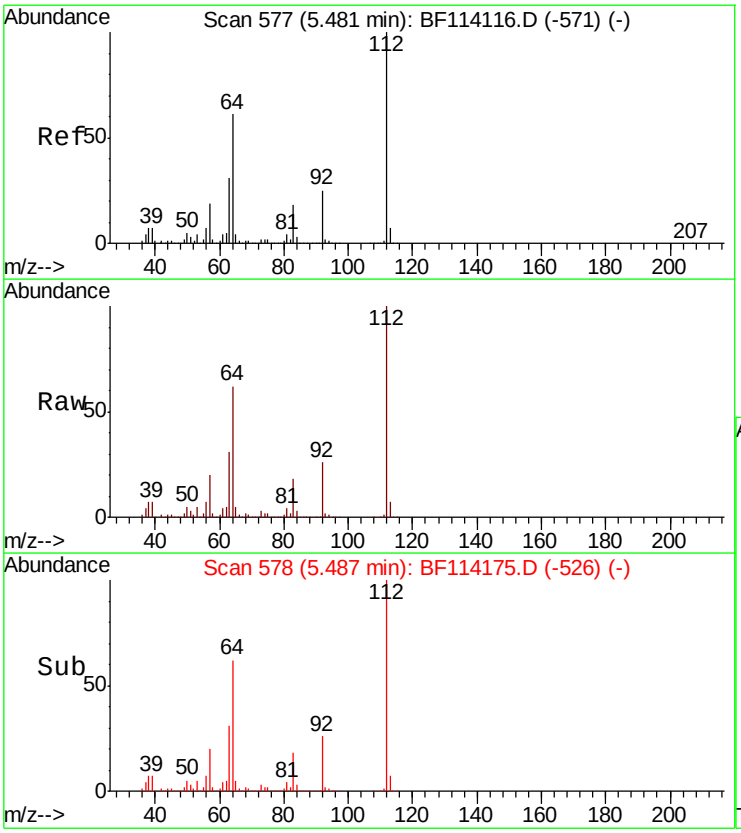
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:152 Resp: 317663

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.3	186.5
115	59.9	49.1	73.7

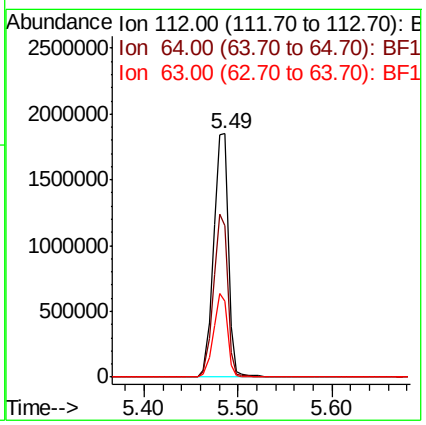


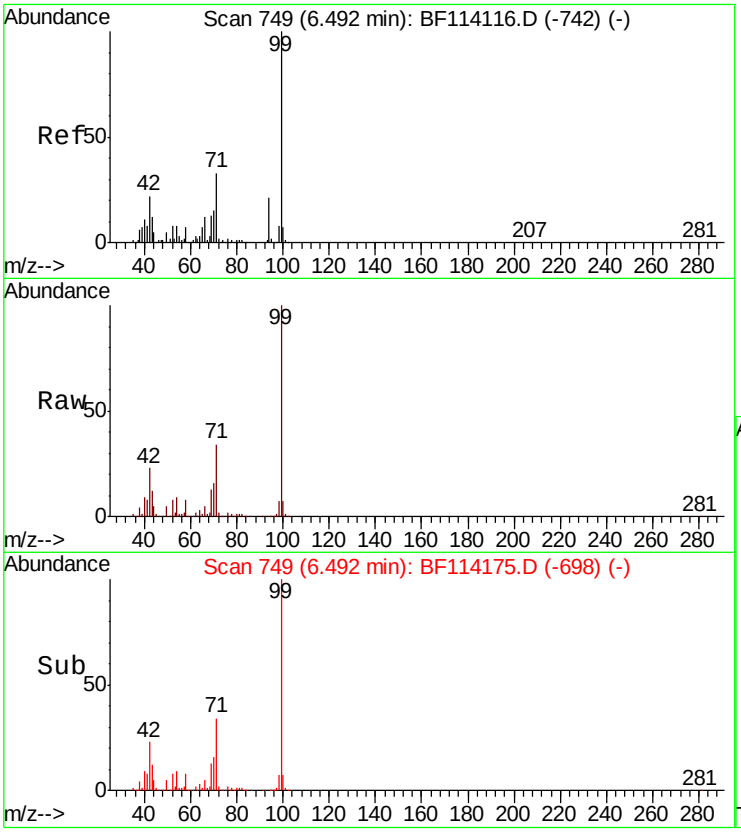


#5
2-Fluorophenol
Concen: 104.458 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:112 Resp: 2061967

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.0	73.6
63	31.3	24.6	37.0



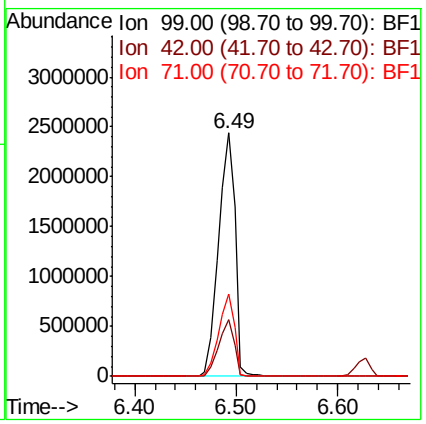


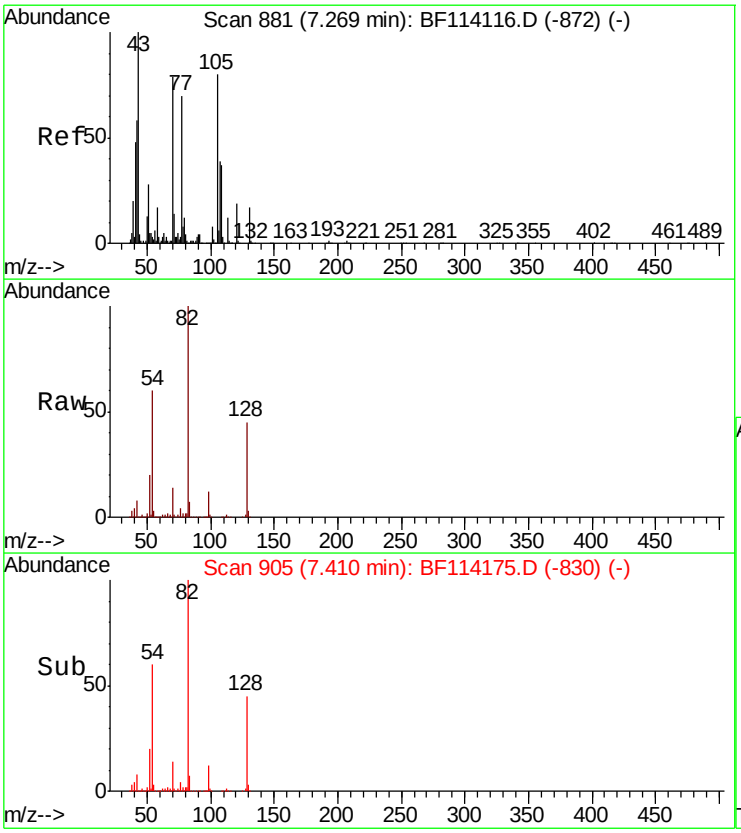
#7
Phenol-d6
Concen: 118.044 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion: 99 Resp: 2755944

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.8	26.2	39.2

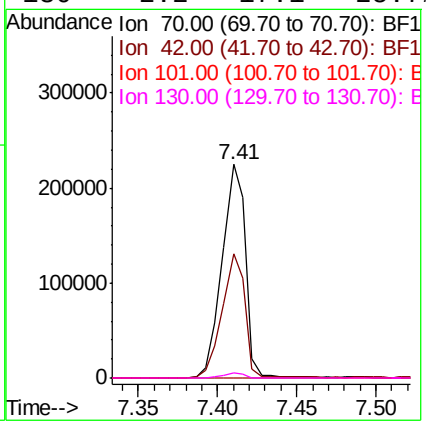


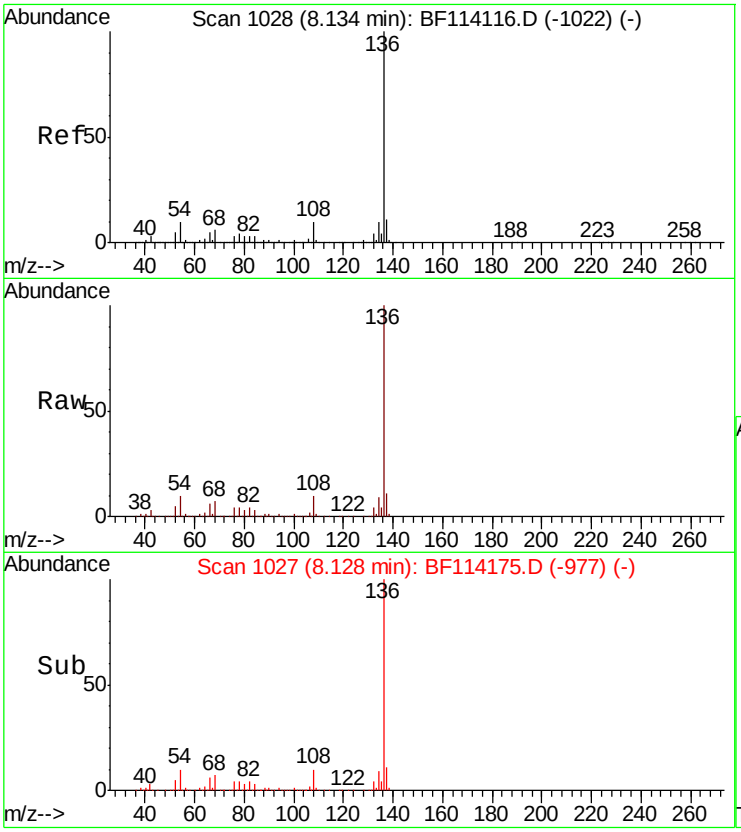


#19
n-Nitroso-di-n-propylamine
Concen: 15.632 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion: 70 Resp: 231327

Ion	Ratio	Lower	Upper
70	100		
42	58.4	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



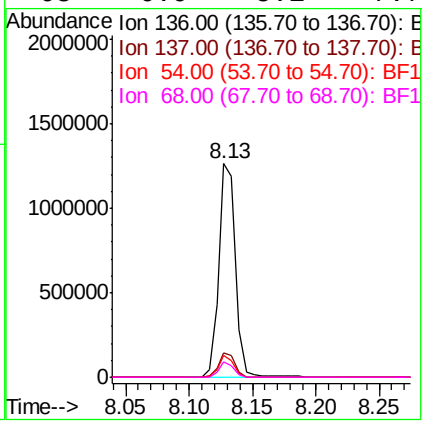


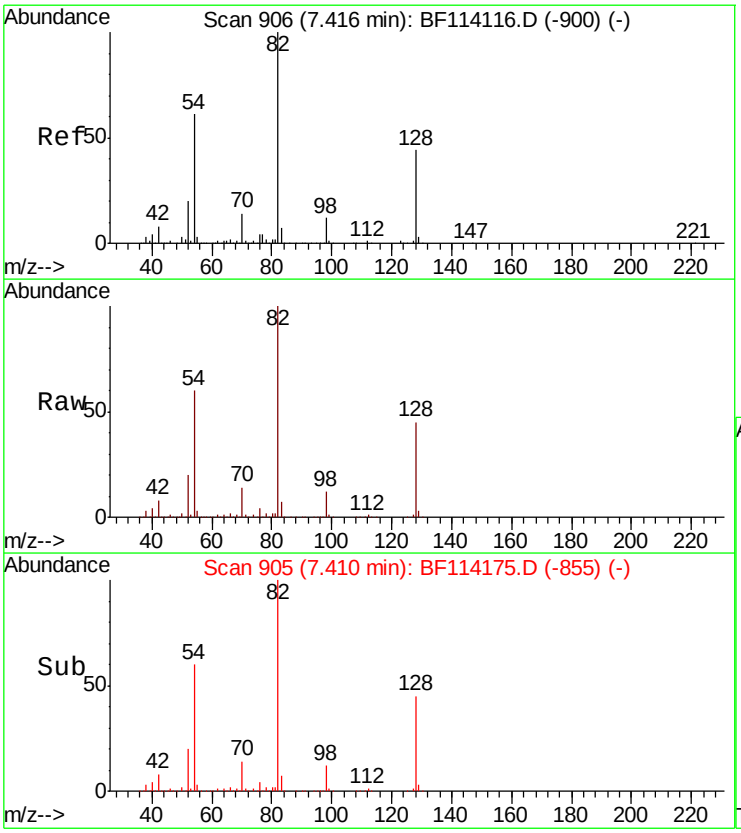
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:136 Resp: 1168561

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.0	7.8	11.8
68	6.9	5.1	7.7

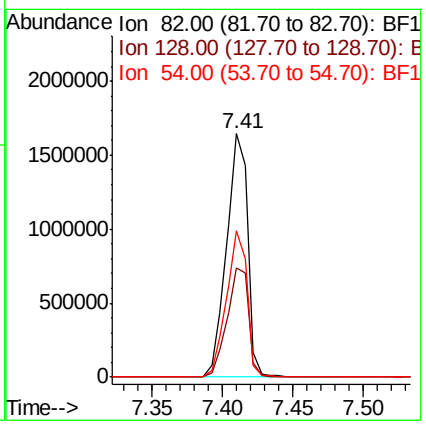


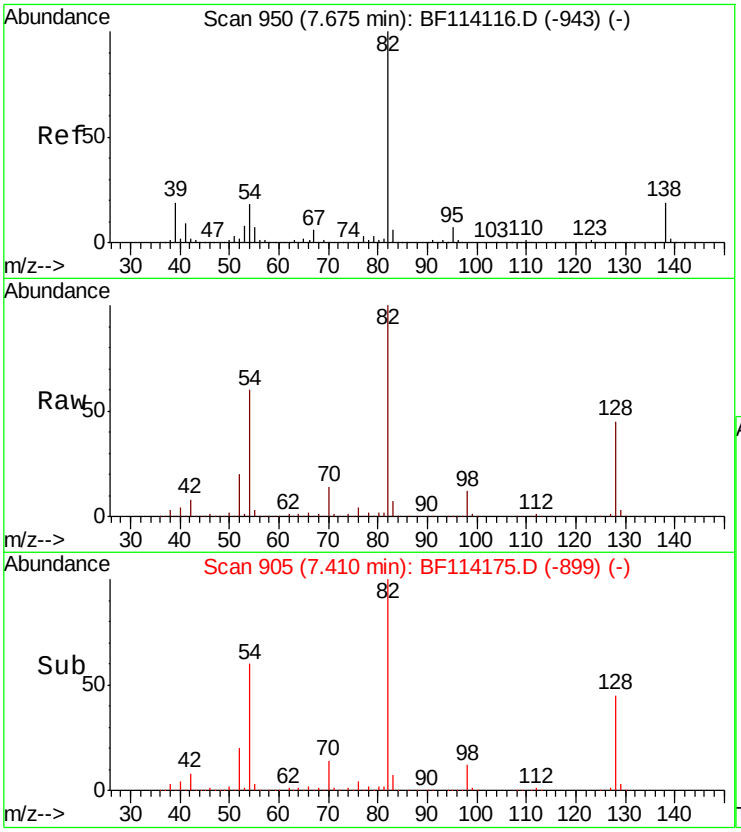


#23
Nitrobenzene-d5
Concen: 82.581 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion: 82 Resp: 1719545

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	60.0	48.5	72.7



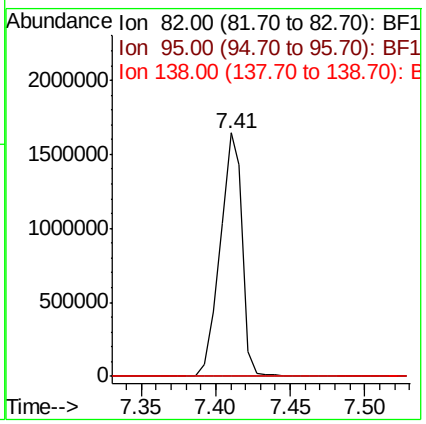


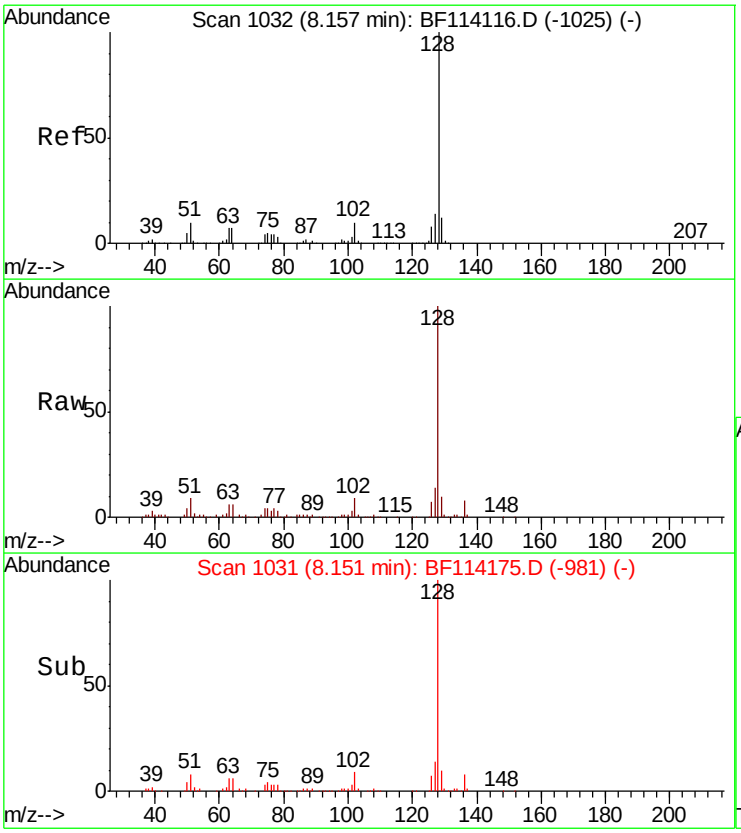
#25
Isophorone
Concen: 44.440 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion: 82 Resp: 1716174

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

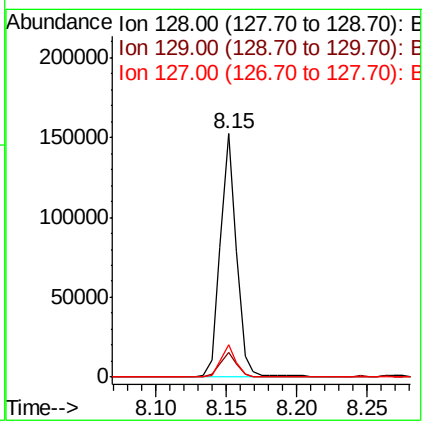


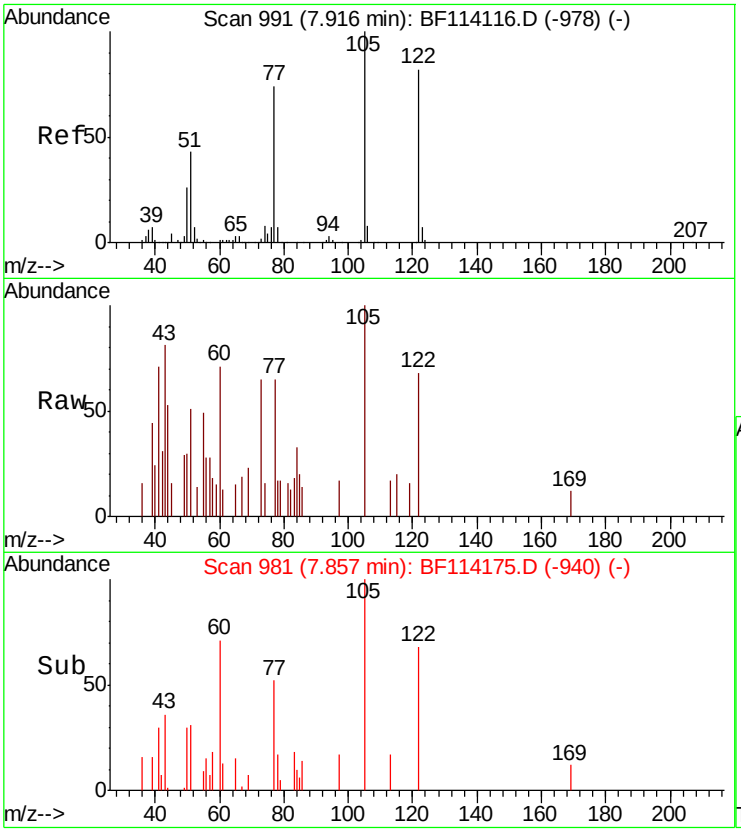


#31
Naphthalene
Concen: 2.253 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:128 Resp: 122958

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.6	14.4
127	13.5	11.3	16.9



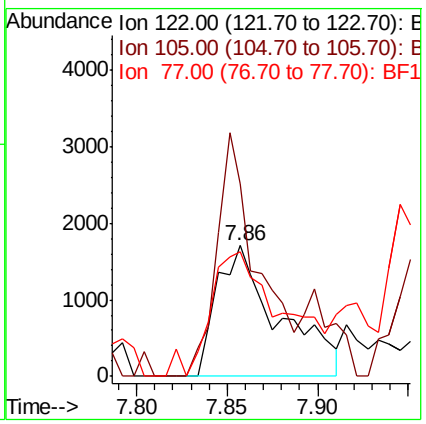


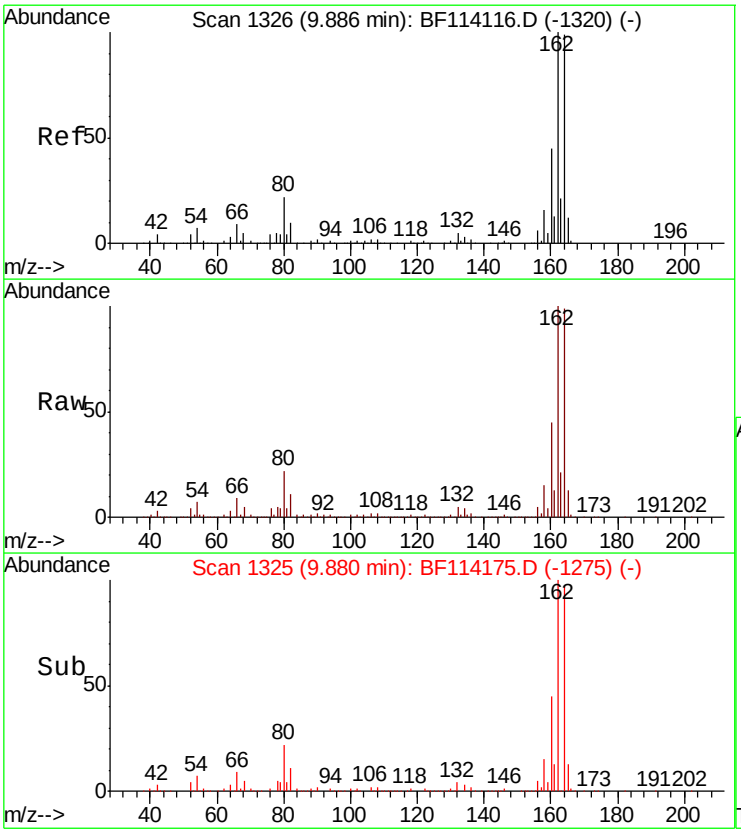
#32
Benzoic acid
Concen: 7.322 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:122 Resp: 4063

Ion	Ratio	Lower	Upper
122	100		
105	147.0	99.9	139.9#
77	95.6	69.4	109.4

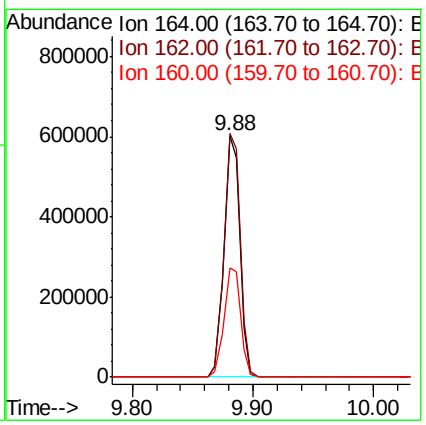


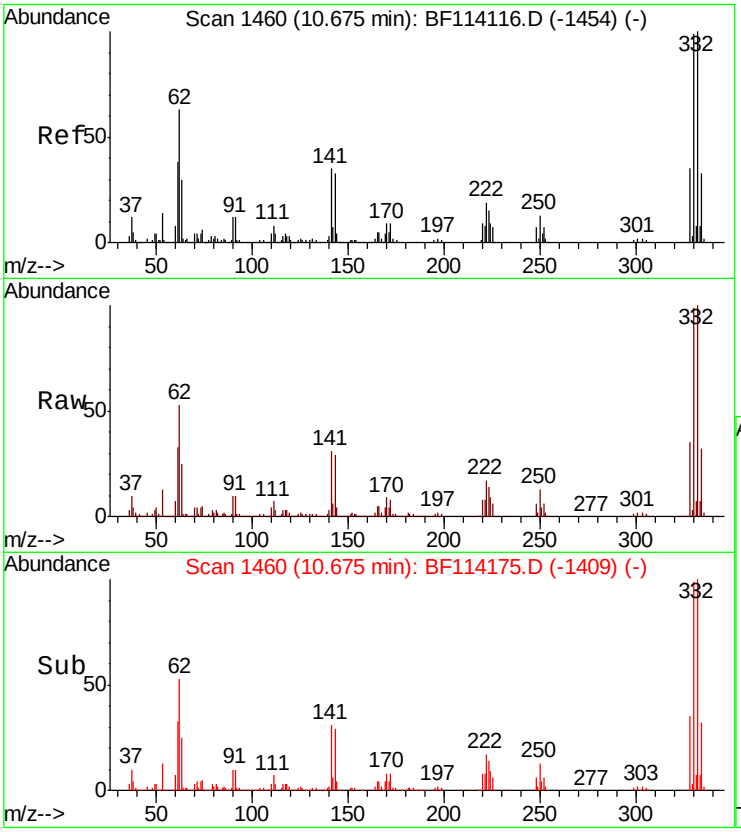


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:164 Resp: 547182

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.3	36.5	54.7



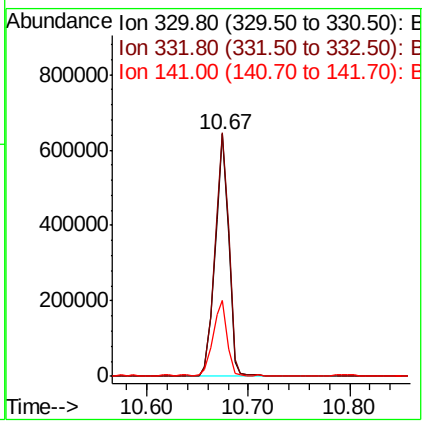


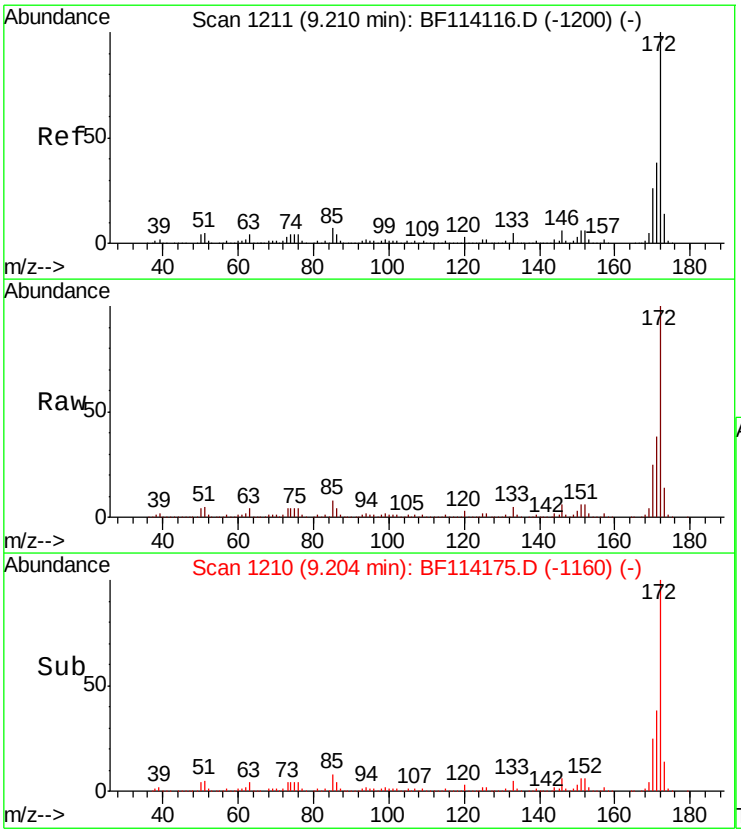
#42
2,4,6-Tribromophenol
Concen: 105.944 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:330 Resp: 599320

Ion	Ratio	Lower	Upper
330	100		
332	102.6	81.4	122.2
141	32.3	26.6	40.0

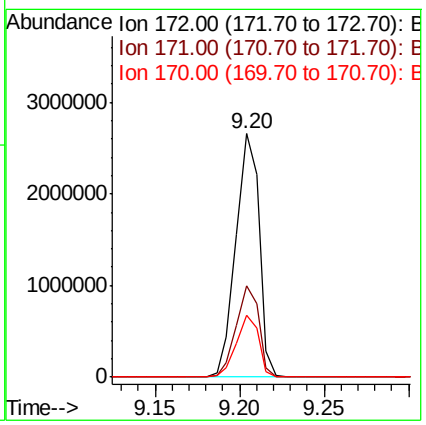


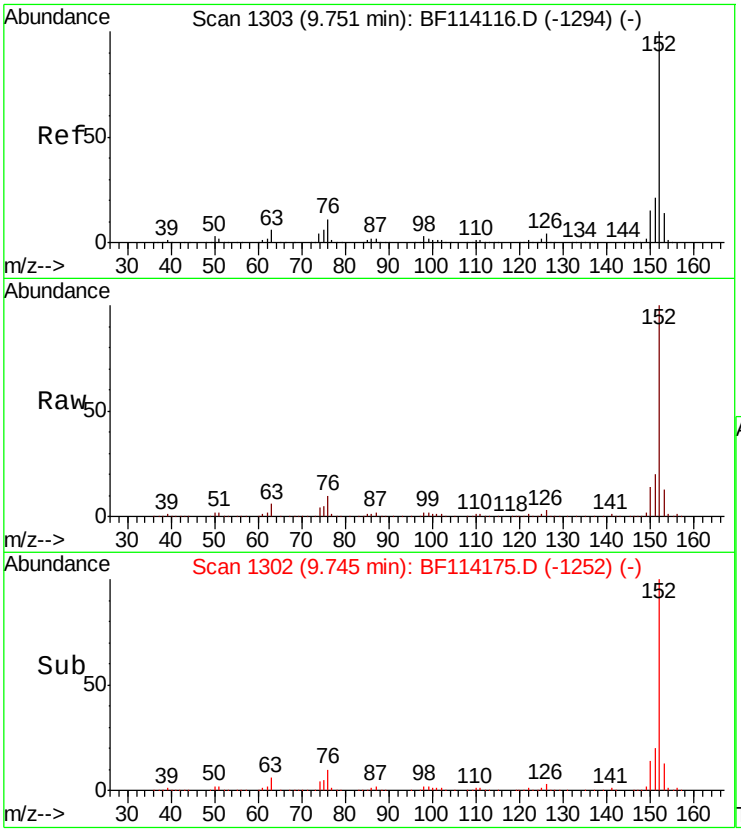


#45
2-Fluorobiphenyl
Concen: 70.549 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:172 Resp: 2551986

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.7	46.1
170	25.4	20.5	30.7



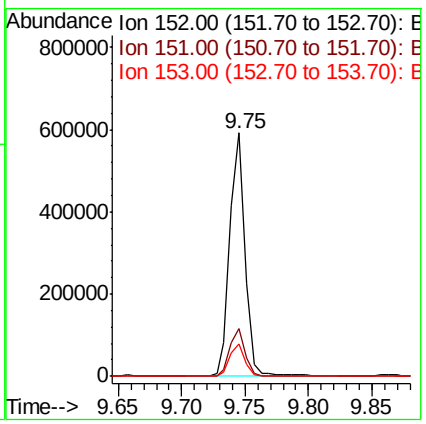


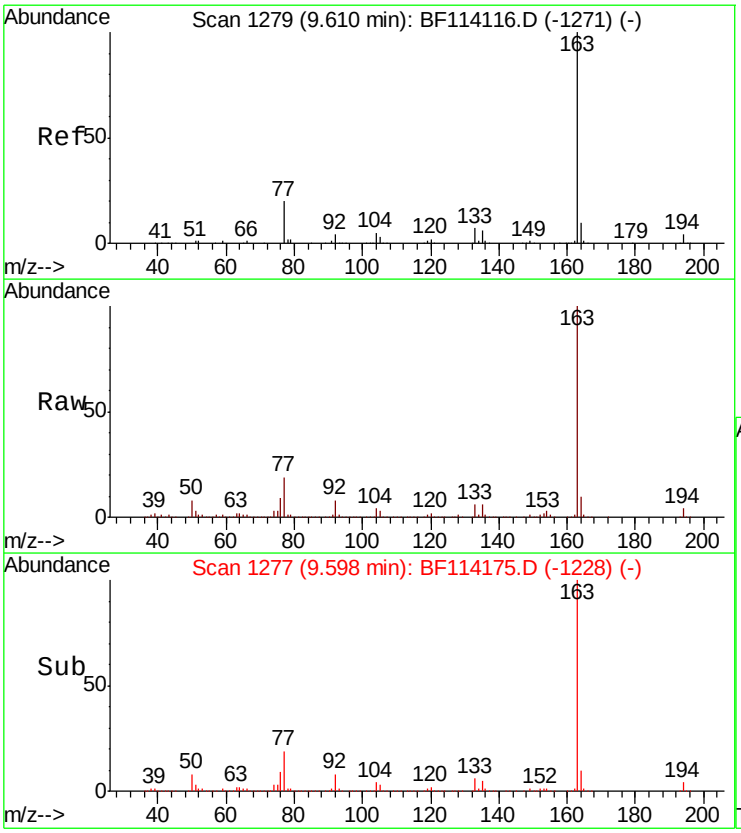
#49
Acenaphthylene
Concen: 8.969 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:152 Resp: 485307

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.1	11.4	17.2

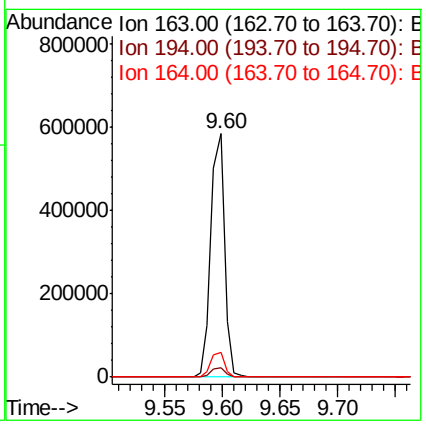


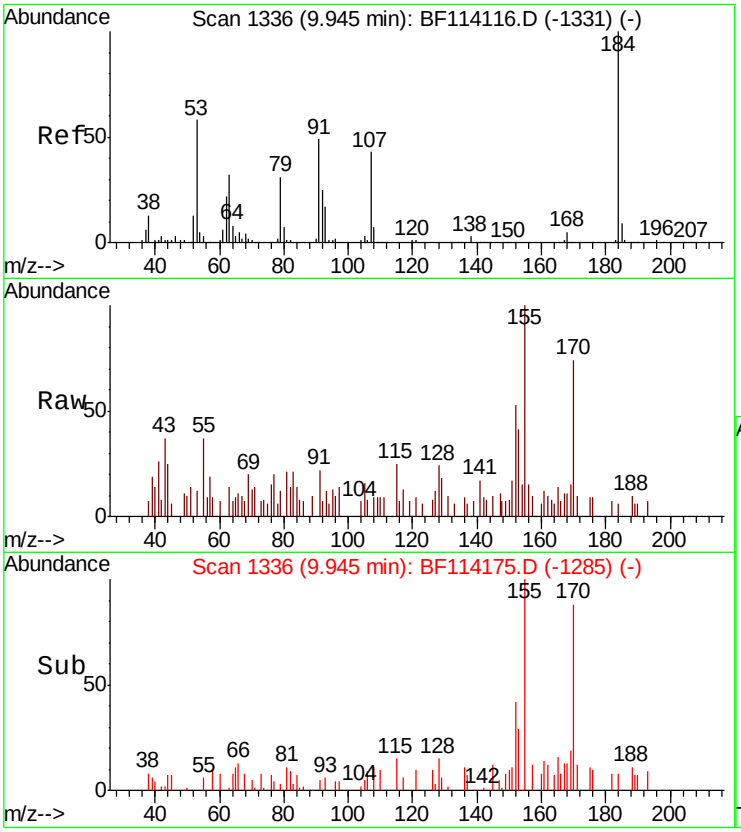


#50
Dimethylphthalate
Concen: 12.154 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:163 Resp: 488187

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.1	8.2	12.2



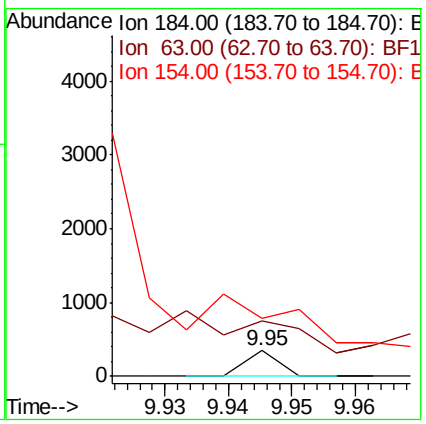


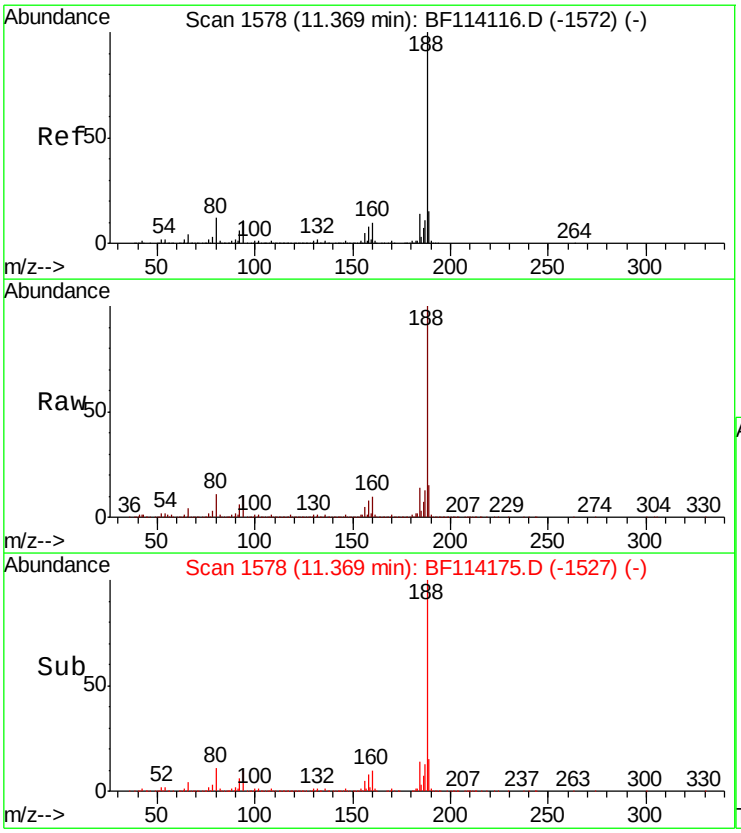
#54
2,4-Dinitrophenol
Concen: 6.770 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	214.7	55.6	83.4#
154	229.5	46.0	69.0#

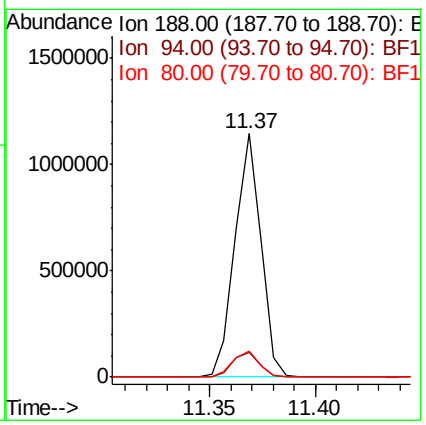


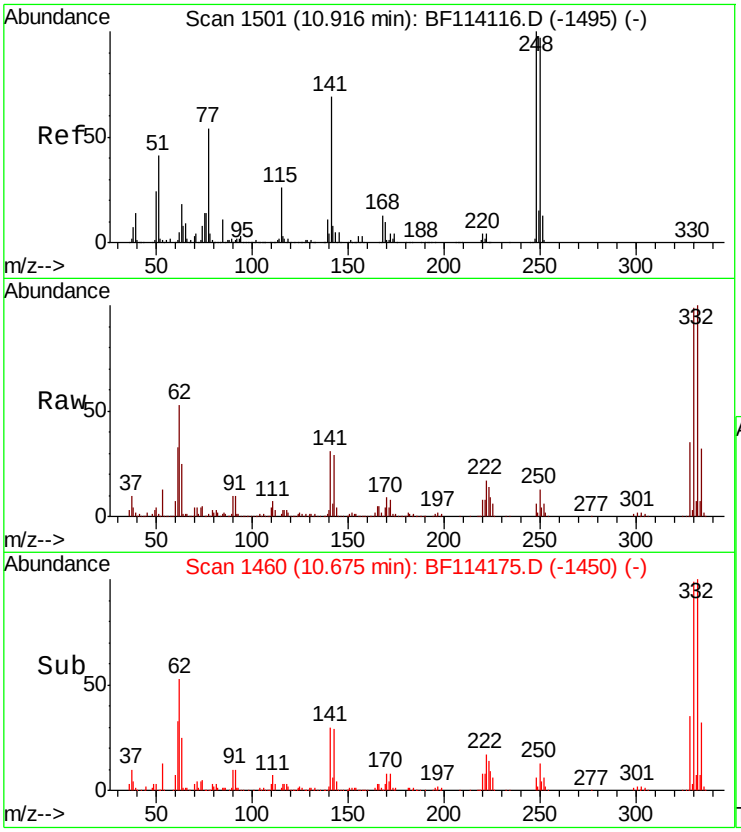


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:188 Resp: 968960

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	10.8	9.2	13.8



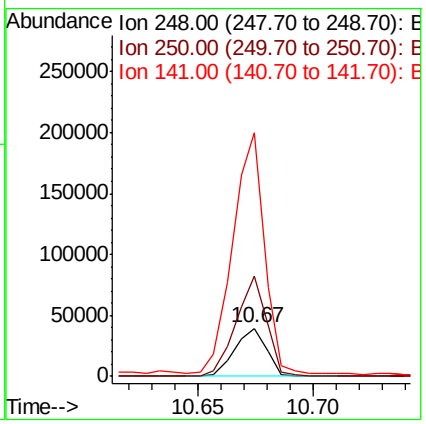


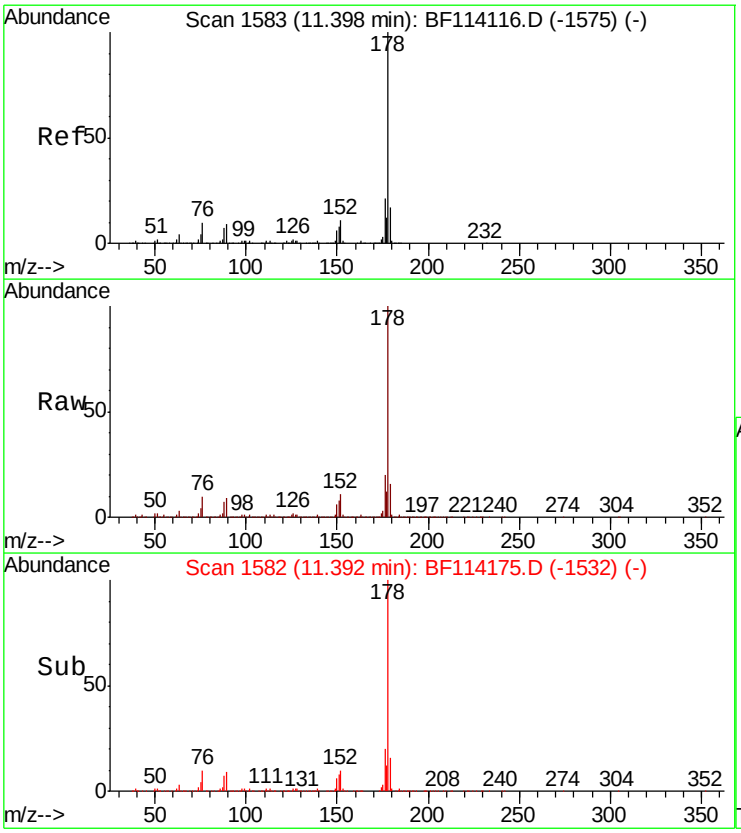
#67
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:248 Resp: 38352

Ion	Ratio	Lower	Upper
248	100		
250	209.0	77.4	116.2#
141	505.8	55.6	83.4#

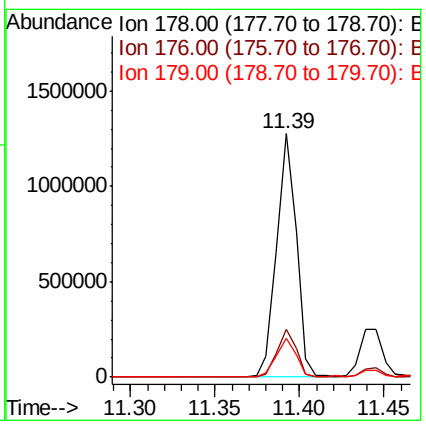


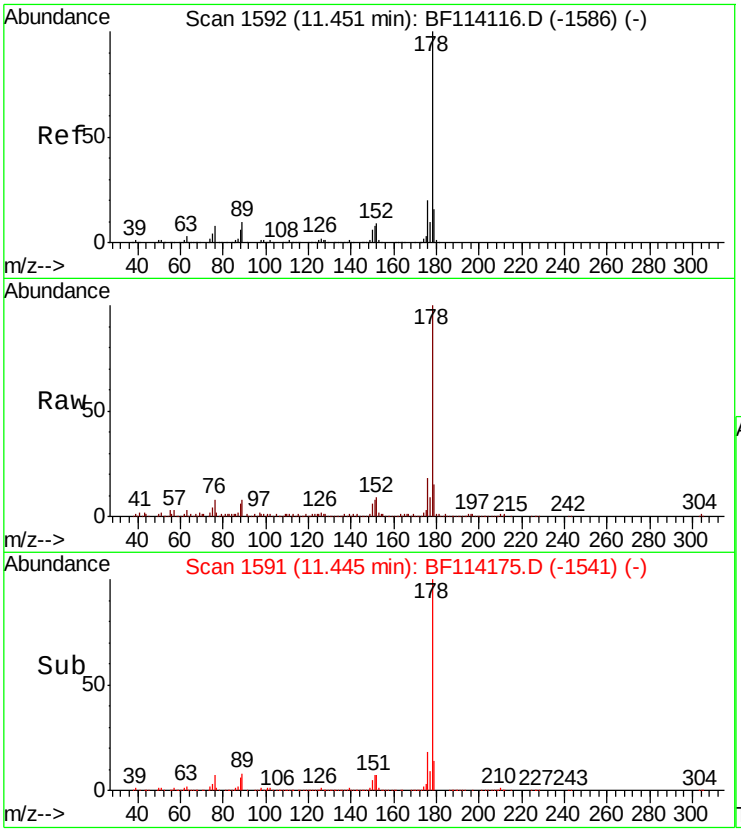


#71
Phenanthrene
Concen: 21.865 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:178 Resp: 1030718

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.2	13.2	19.8



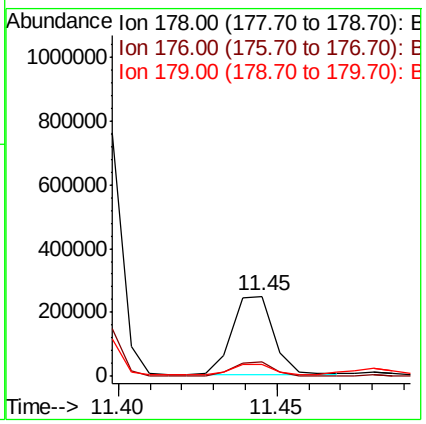


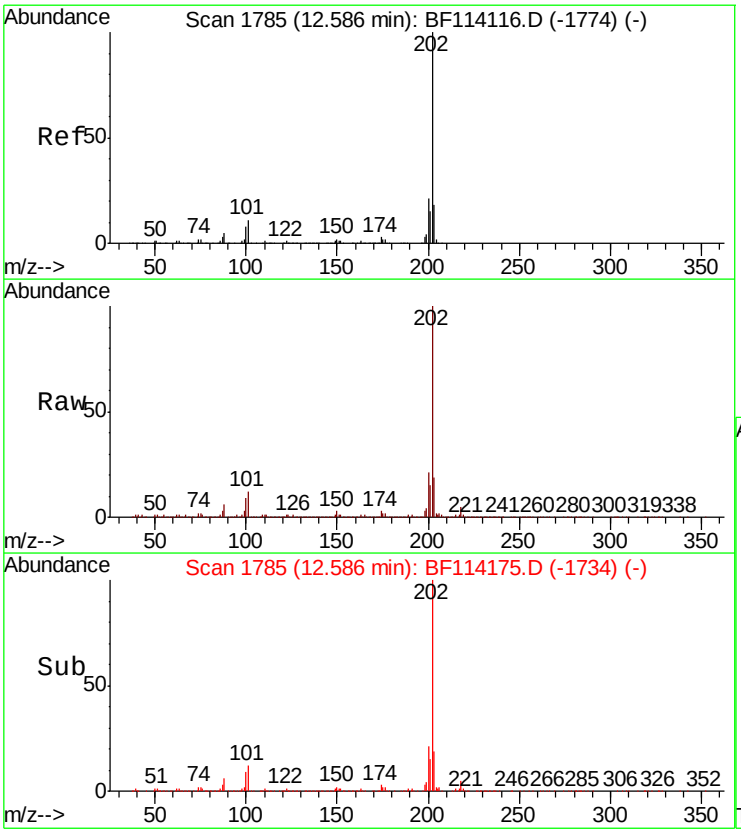
#72
Anthracene
Concen: 4.763 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:178 Resp: 225513

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	13.0	19.4

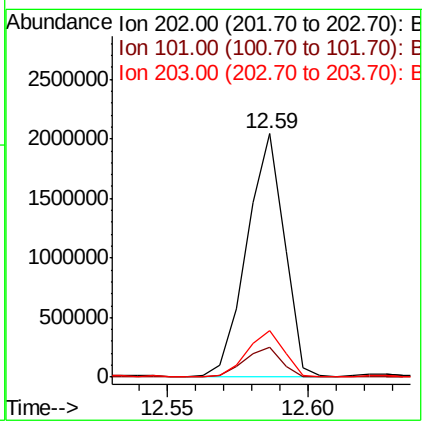


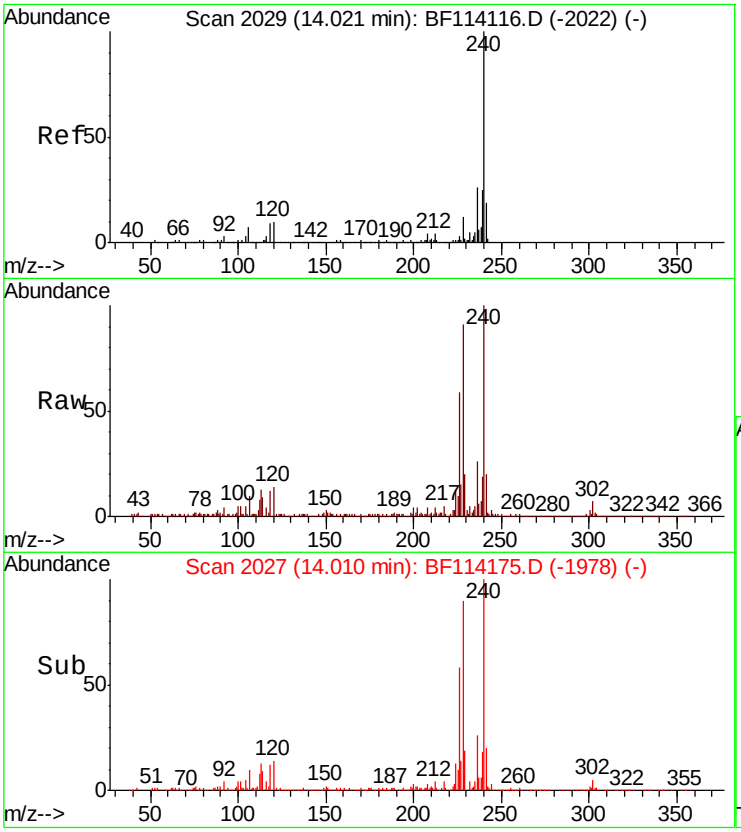


#75
Fluoranthene
Concen: 36.925 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:202 Resp: 1874512

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.0
203	19.0	0.0	38.4



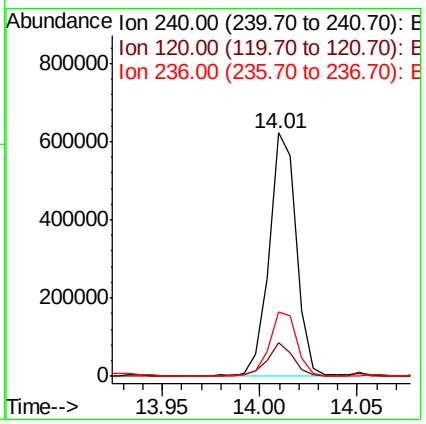


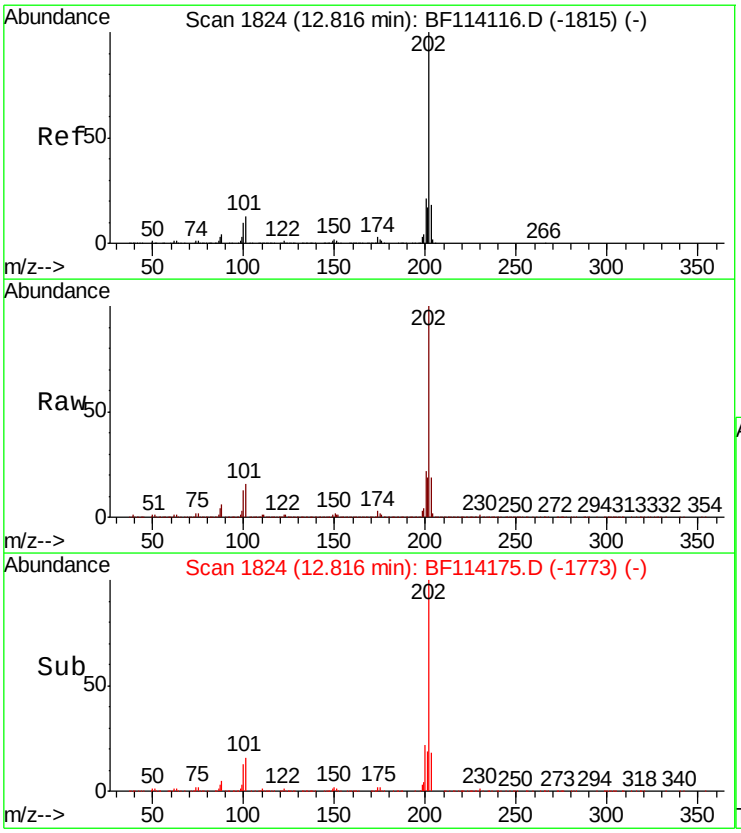
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:240 Resp: 595077

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	26.4	20.8	31.2

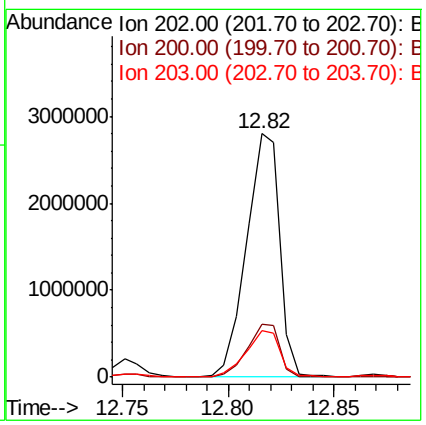


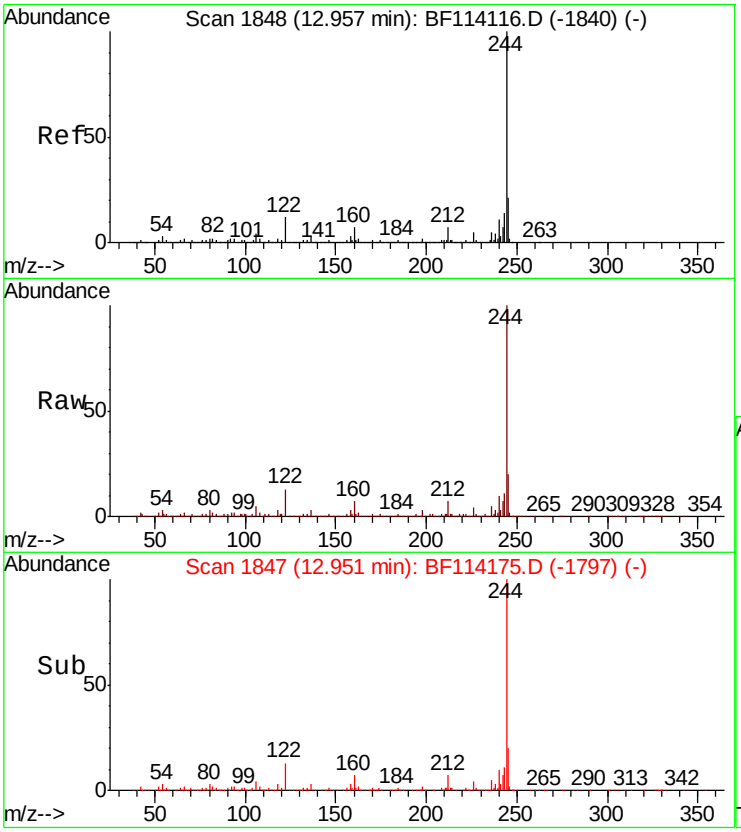


#78
Pyrene
Concen: 63.468 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:202 Resp: 3038286

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	19.2	14.5	21.7



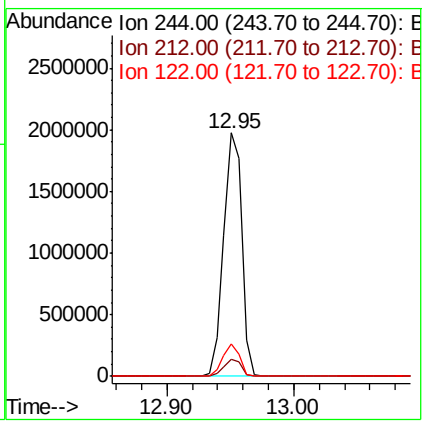


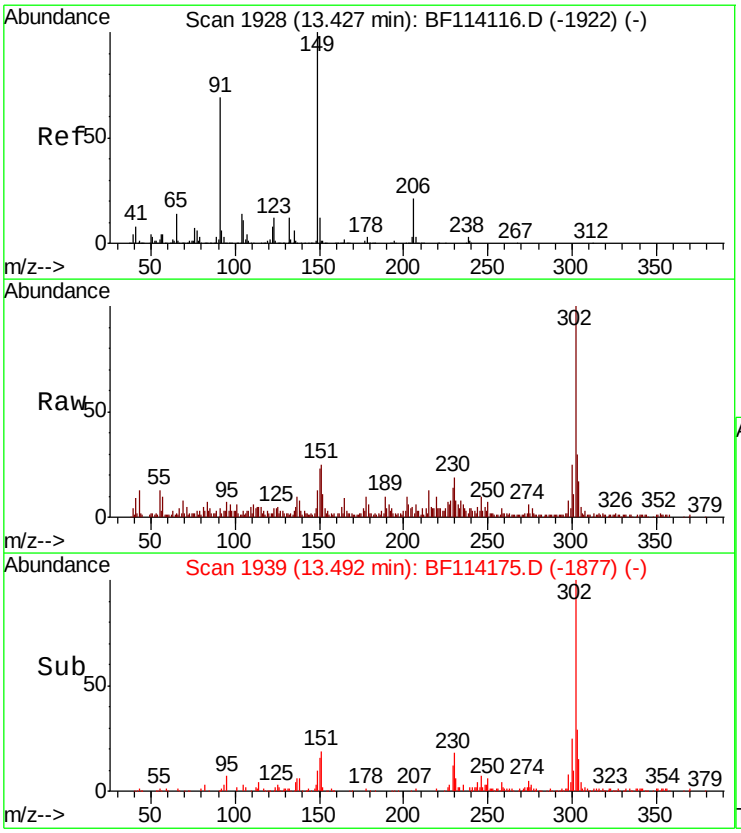
#79
Terphenyl-d14
Concen: 67.720 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:244 Resp: 1954875

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.5	9.4	14.2

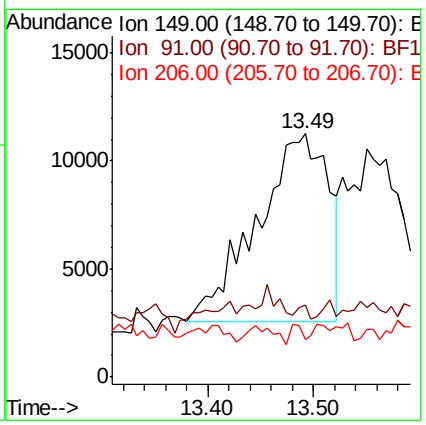


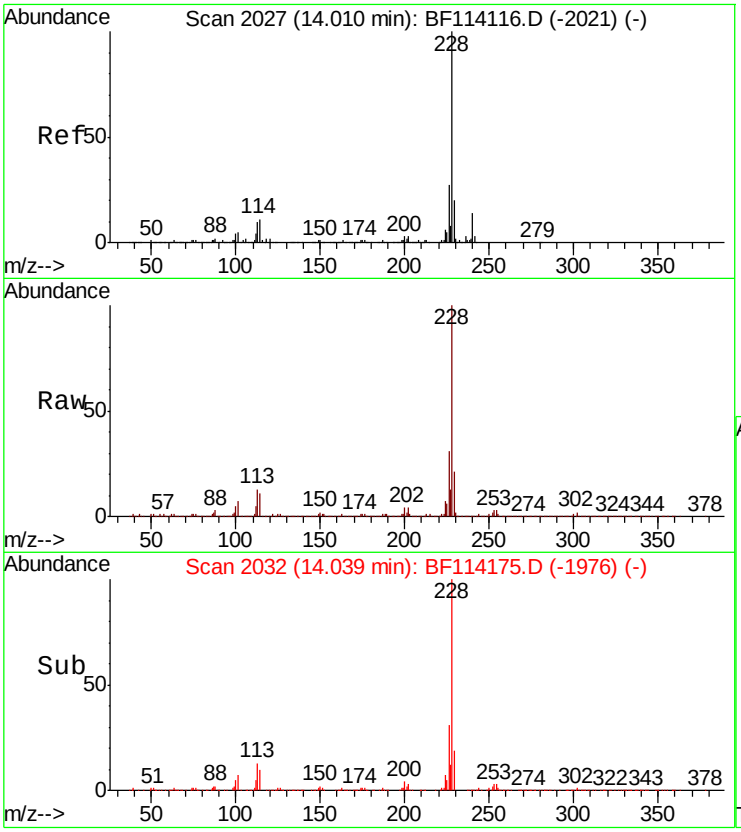


#80
Butylbenzylphthalate
Concen: 2.017 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.06 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:149 Resp: 40637

Ion	Ratio	Lower	Upper
149	100		
91	29.7	55.0	82.4#
206	15.6	16.9	25.3#



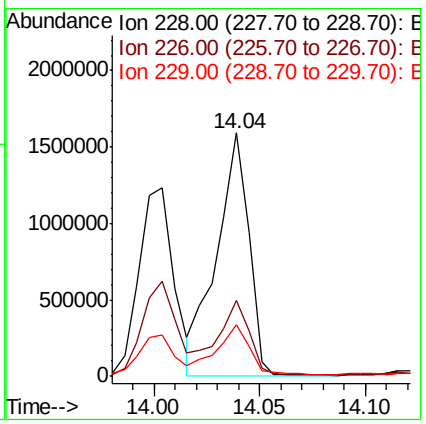


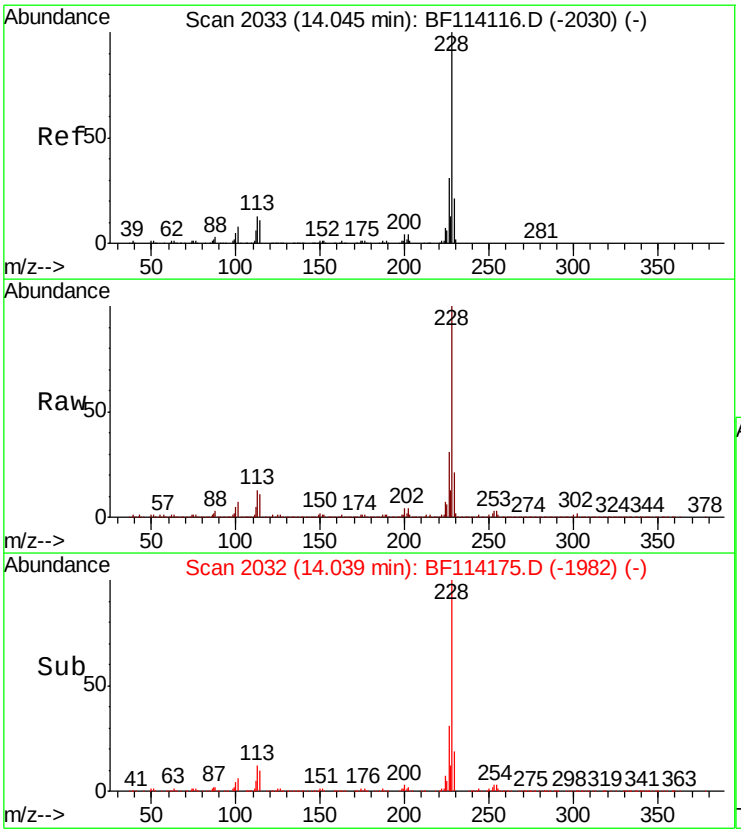
#81
Benzo(a)anthracene
Concen: 43.329 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:228 Resp: 1667711

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.2
229	21.1	16.4	24.6

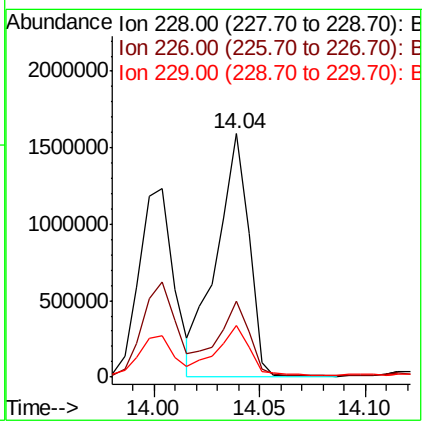


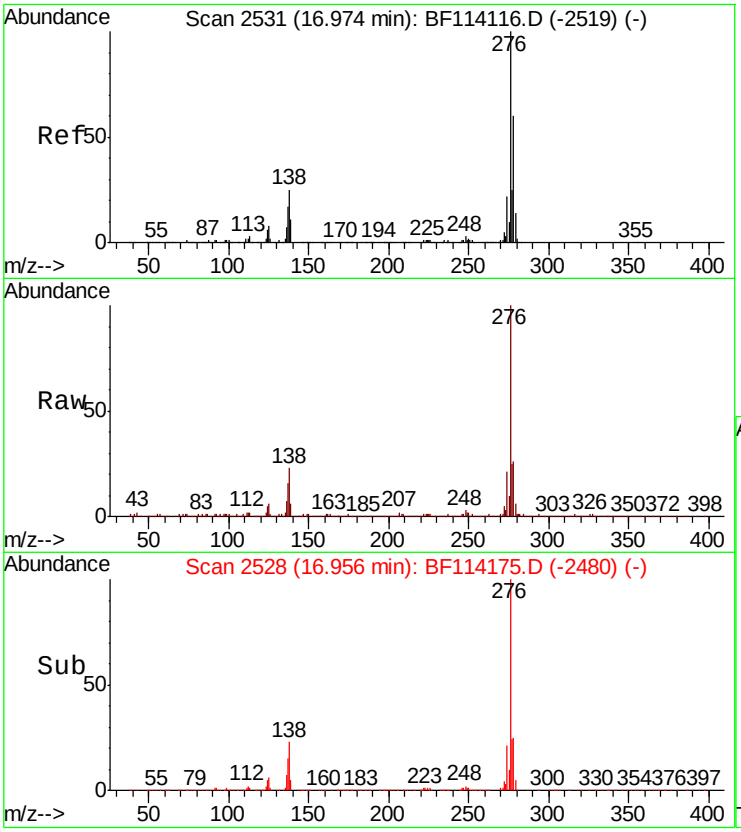


#83
Chrysene
Concen: 44.201 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:228 Resp: 1667711

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.1	17.0	25.6



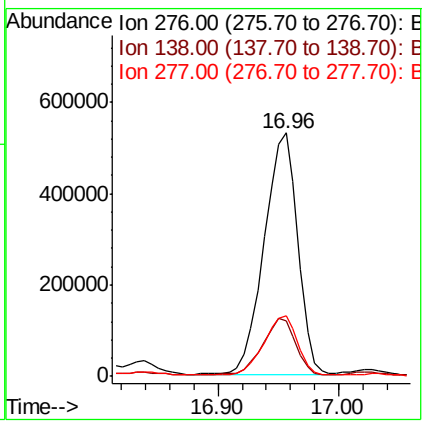


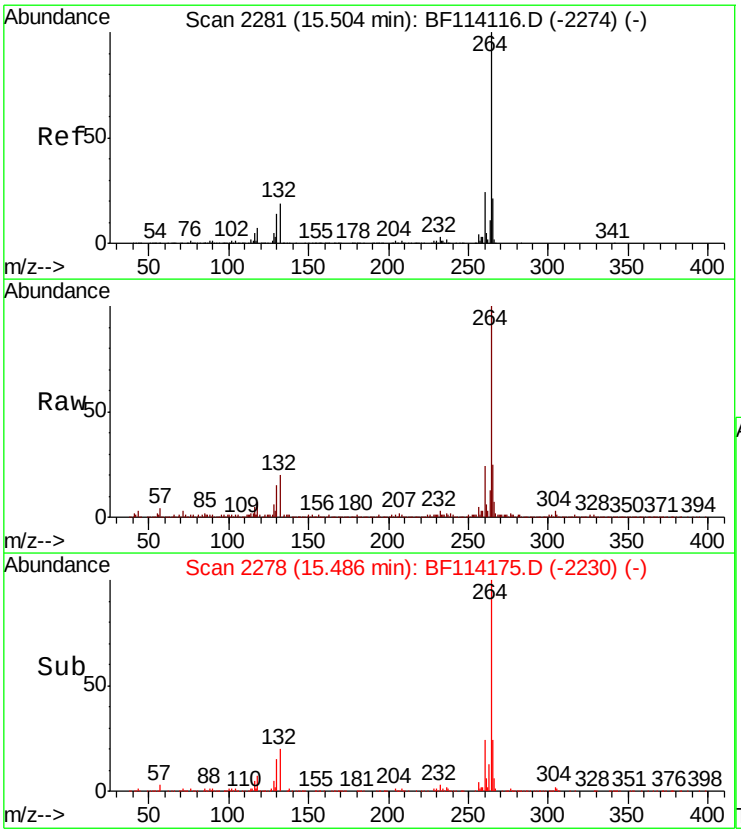
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.642 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:276 Resp: 1021760

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.2	30.2
277	24.4	20.0	30.0

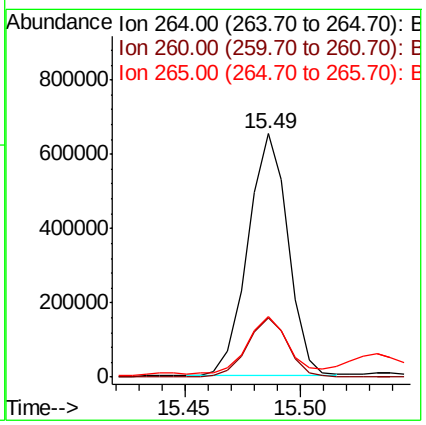


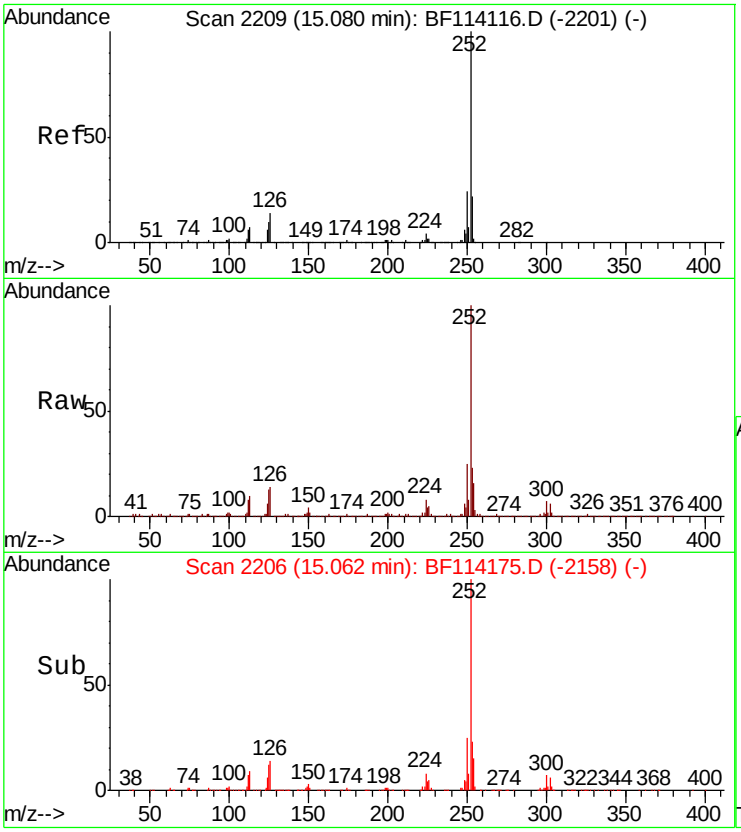


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:264 Resp: 790815

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	24.6	16.9	25.3



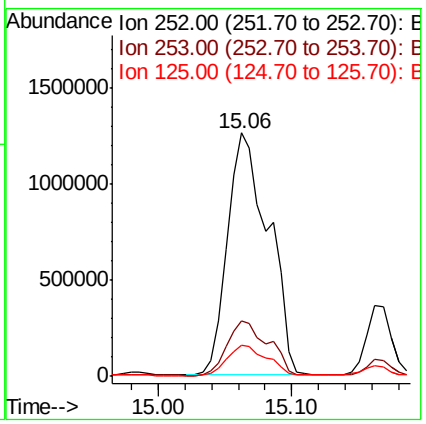


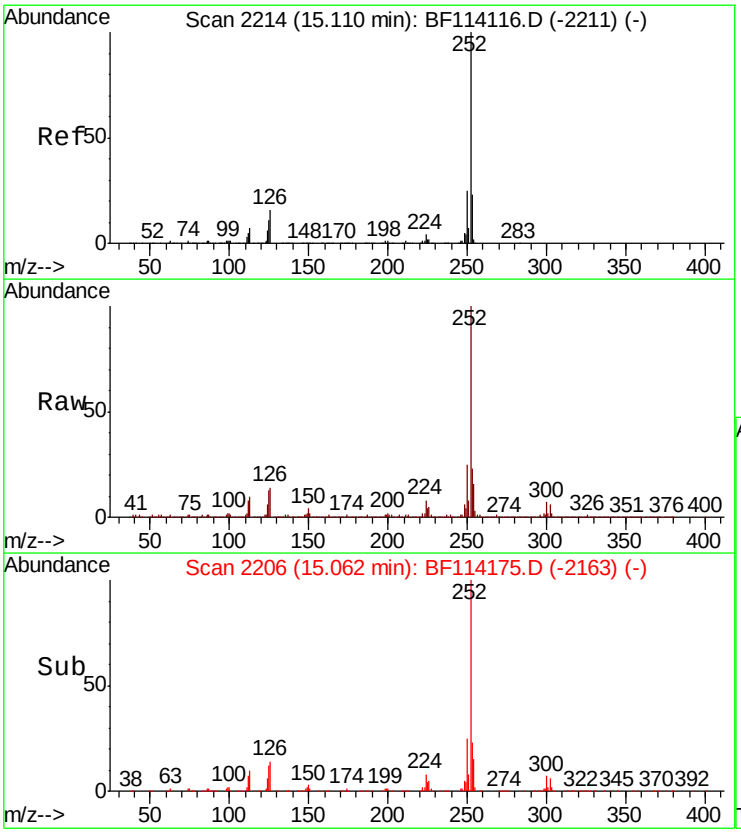
#88
Benzo(b)fluoranthene
Concen: 53.243 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:252 Resp: 2697491

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	12.6	8.3	12.5#

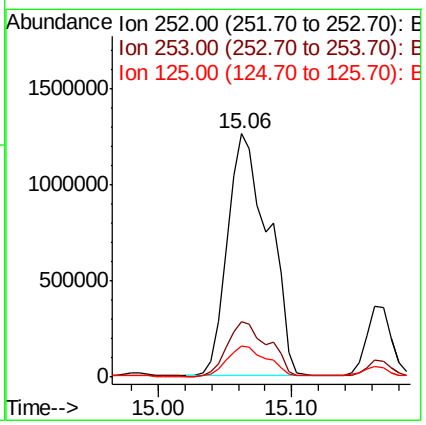


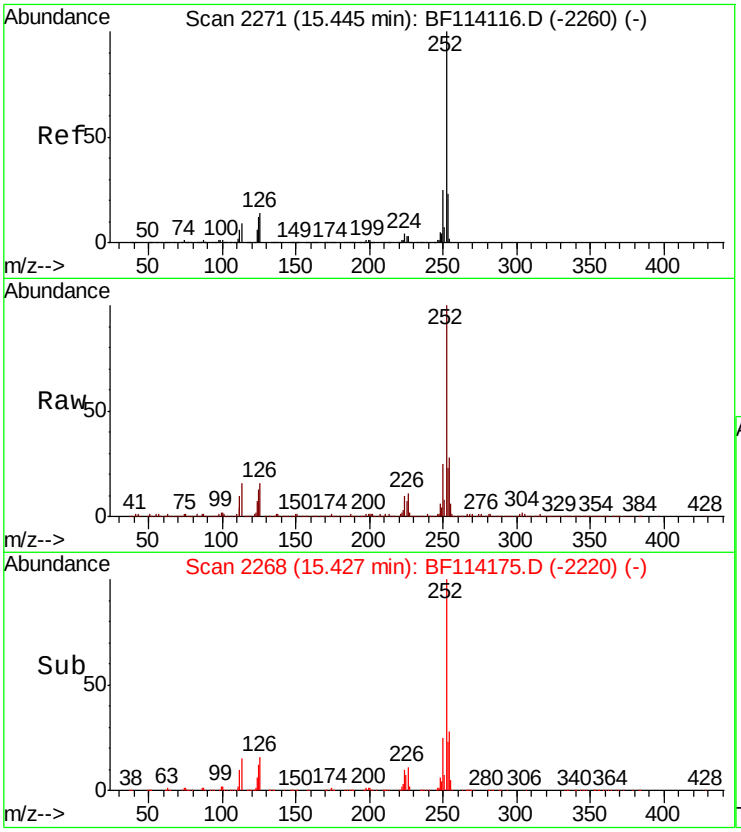


#89
Benzo(k)fluoranthene
Concen: 57.961 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:252 Resp: 2697491

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.6	8.6	13.0



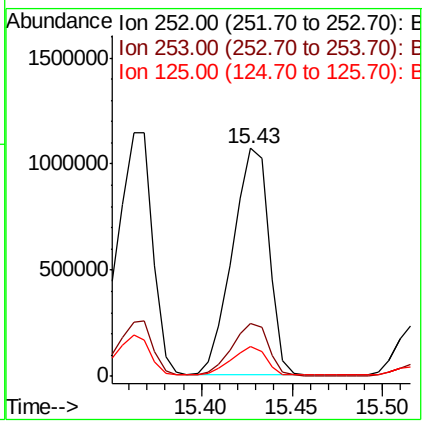


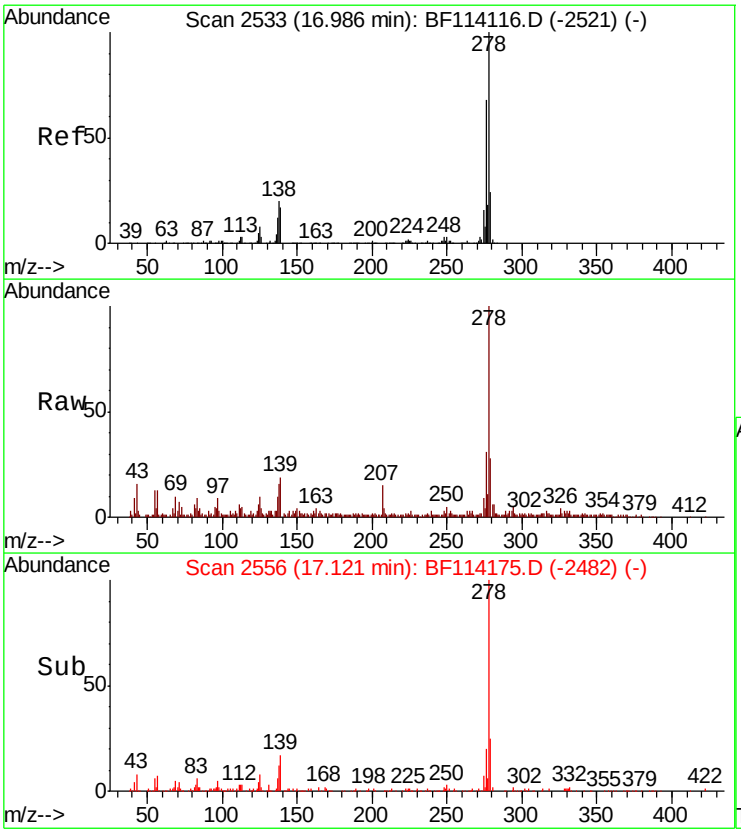
#90
Benzo(a)pyrene
Concen: 33.791 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:252 Resp: 1506699

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.0	9.5	14.3

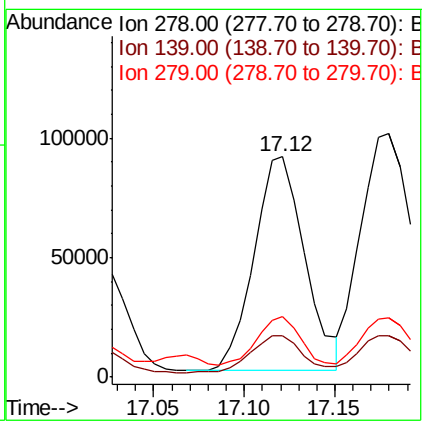


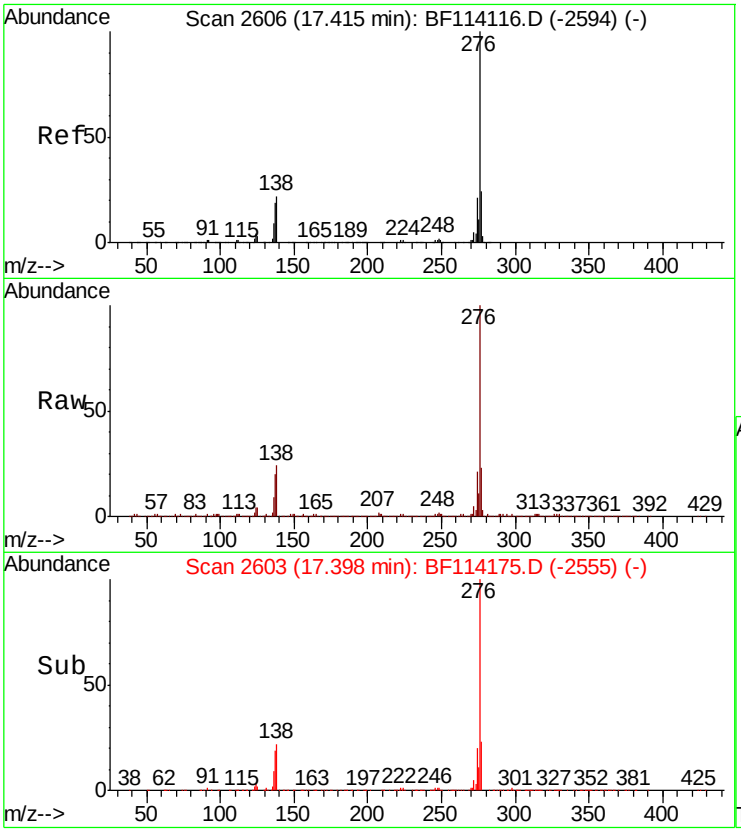


#91
Dibenzo(a,h)anthracene
Concen: 4.732 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.14 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Tgt Ion:278 Resp: 175327

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.5	20.3
279	27.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 30.550 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF114175.D
Acq: 12 May 2019 1:19

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1218-01

Tgt Ion:276 Resp: 1134358

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	23.6	17.8	26.6