Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114215.D
Acq On : 13 May 2019 2:06
Operator : JU/SJ
Sample : K2765-13DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01DL

Quant Time: May 13 07:51:20 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	253129	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	973280	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	440913	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	802630	20.00	ng		0.00
76) Chrysene-d12	14.02	240	561265	20.00	ng		0.00
87) Perylene-d12	15.49	264	594144	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	905683	57.58	ng		0.00
7) Phenol-d6	6.49	99	1186107	63.76	ng		0.00
23) Nitrobenzene-d5	7.41	82	712616	41.09	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	251273	55.12	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1122874	38.52	ng		0.00
79) Terphenyl-d14	12.95	244	870263	31.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	94180	7.987	ng	#	76
25) Isophorone	7.41	82	712477	22.151	ng	#	64
31) Naphthalene	8.15	128	246887	5.430	ng		97
32) Benzoic acid	7.87	122	4989	7.464	ng		92
37) 2-Methylnaphthalene	8.85	142	91823	3.130	ng		97
38) 1-Methylnaphthalene	8.95	142	55503	2.009	ng		99
49) Acenaphthylene	9.75	152	575164	13.192	ng		97
50) Dimethylphthalate	9.60	163	173427	5.358	ng		99
54) 2,4-Dinitrophenol	10.18	184	134	6.779	ng	#	18
58) Fluorene	10.43	166	68370	2.256	ng		99
71) Phenanthrene	11.40	178	1825952	46.761	ng		99
72) Anthracene	11.45	178	327901	8.360	ng		96
75) Fluoranthene	12.59	202	2414493	57.419	ng		97
78) Pyrene	12.83	202	3989424	88.357	ng		97
81) Benzo(a)anthracene	14.04	228	1969428	54.251	ng		95
82) 3,3'-Dichlorobenzidine	14.04	252	48125	3.417	ng	#	1
83) Chrysene	14.04	228	1969428	55.342	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	791123	25.154	ng		97
88) Benzo(b)fluoranthene	15.07	252	2473283	64.977	ng	#	98
89) Benzo(k)fluoranthene	15.07	252	2473283	70.734	ng		98
90) Benzo(a)pyrene	15.43	252	1246161	37.199	ng		99
91) Dibenzo(a,h)anthracene	17.13	278	142491	5.119	ng		98
92) Benzo(g,h,i)perylene	17.42	276	897051	32.156	ng		97

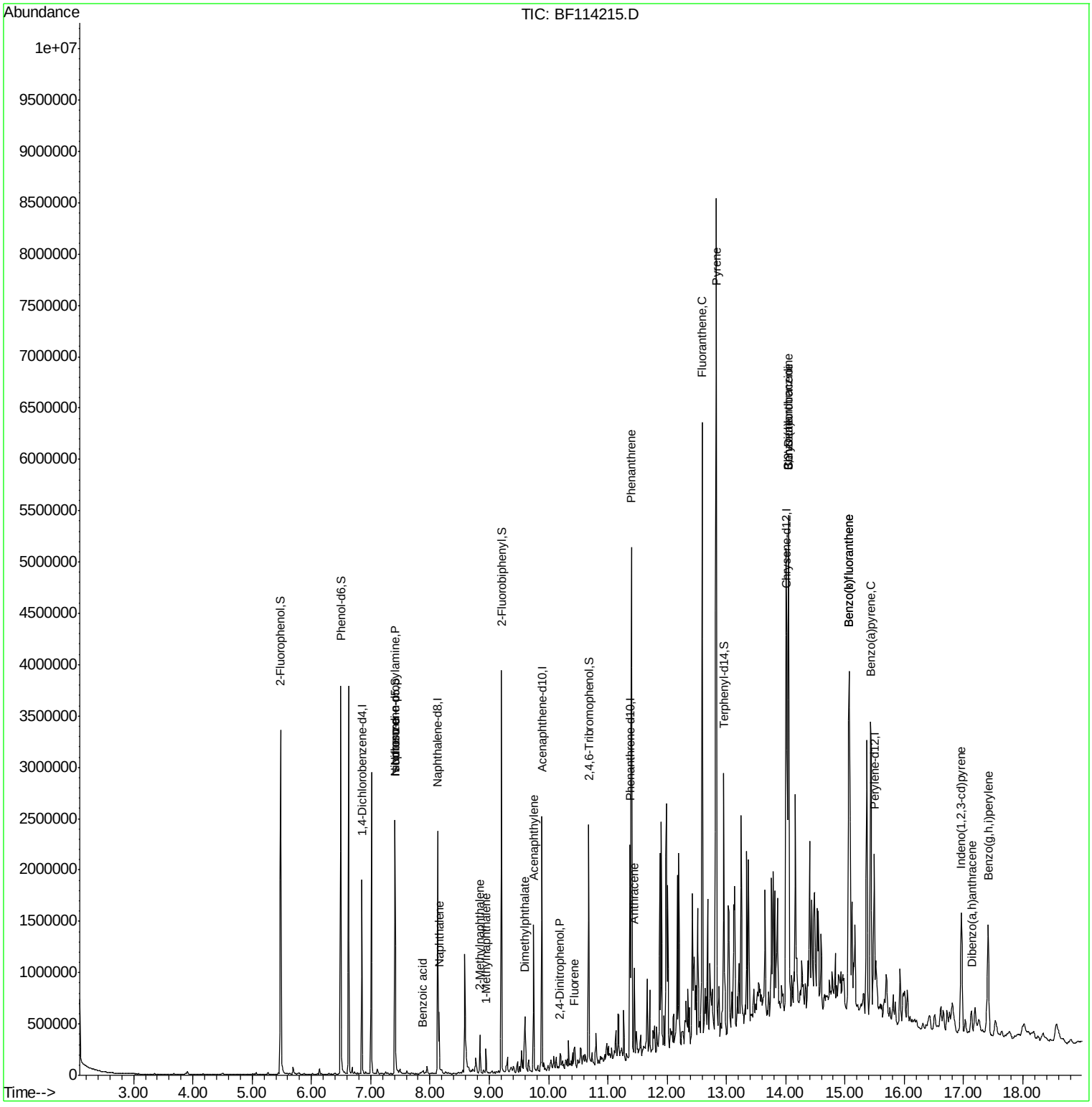
(#) = qualifier out of range (m) = manual integration (+) = signals summed

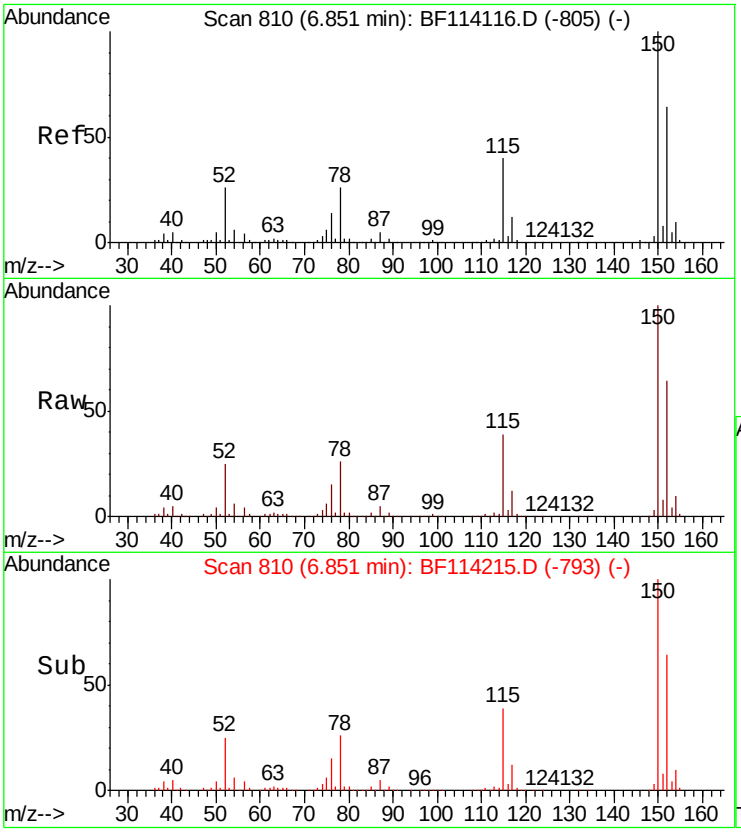
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114215.D
Acq On : 13 May 2019 2:06
Operator : JU/SJ
Sample : K2765-13DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Quant Time: May 13 07:51:20 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



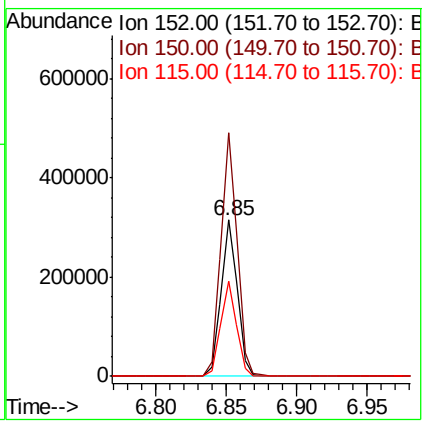


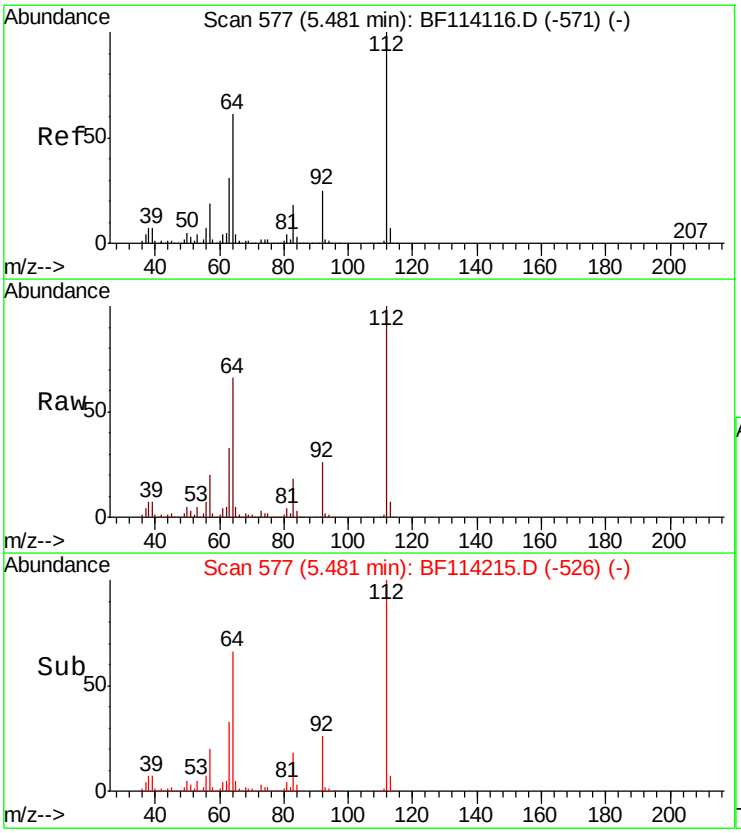
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:152 Resp: 253129

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	60.8	49.1	73.7

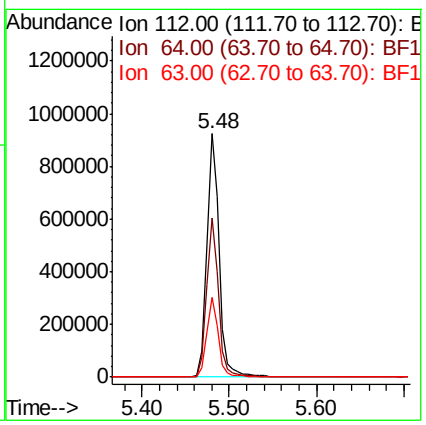


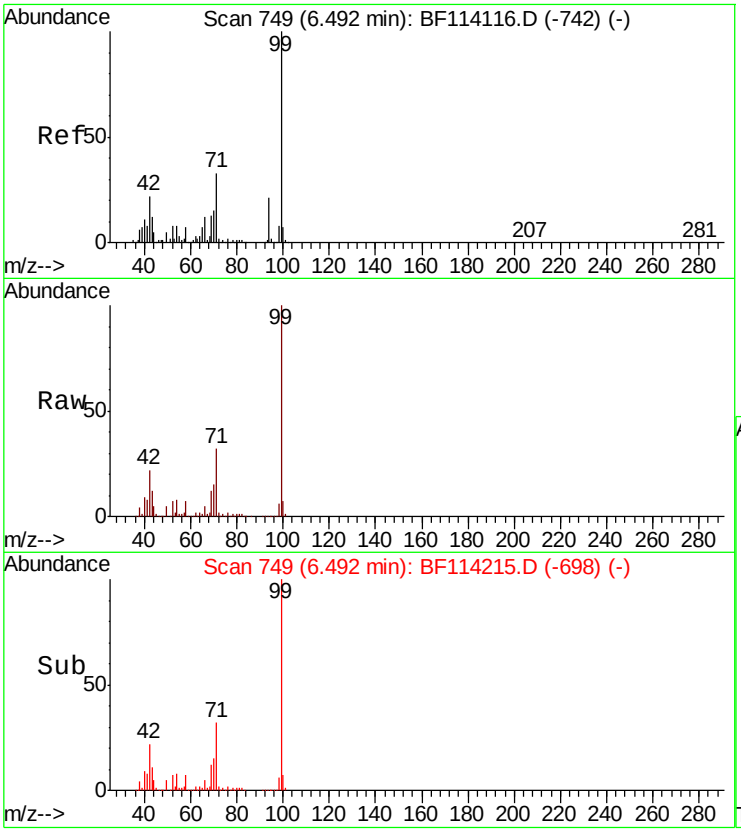


#5
2-Fluorophenol
Concen: 57.579 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:112 Resp: 905683

Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.0	73.6
63	33.0	24.6	37.0



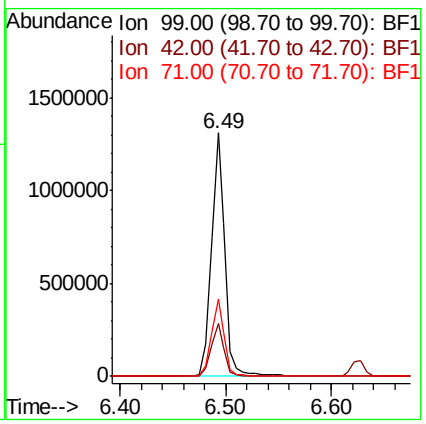


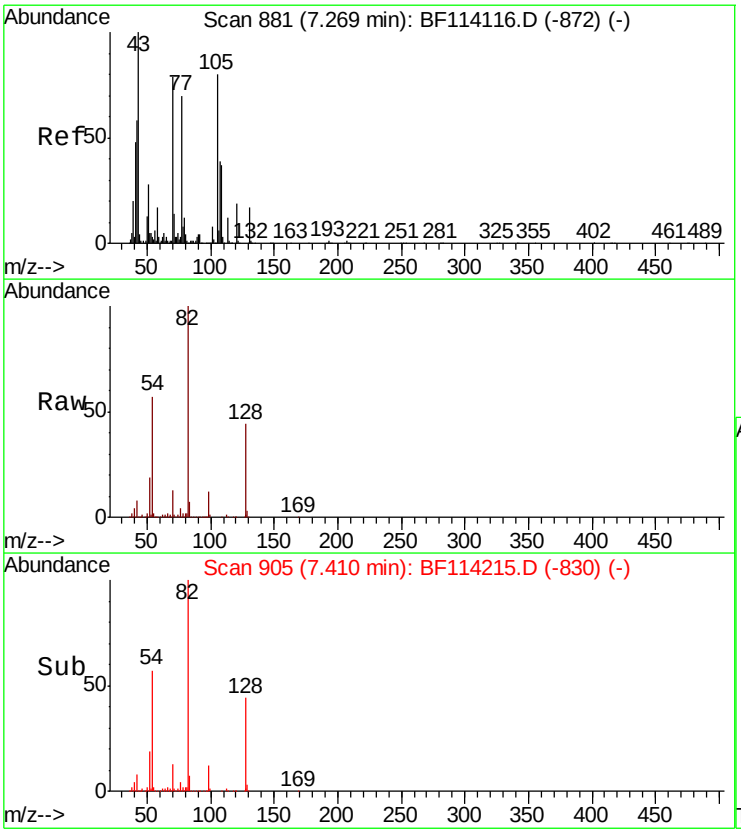
#7
Phenol-d6
Concen: 63.756 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion: 99 Resp: 1186107

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	31.6	26.2	39.2

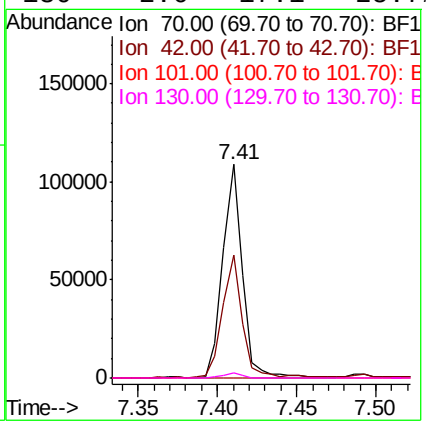


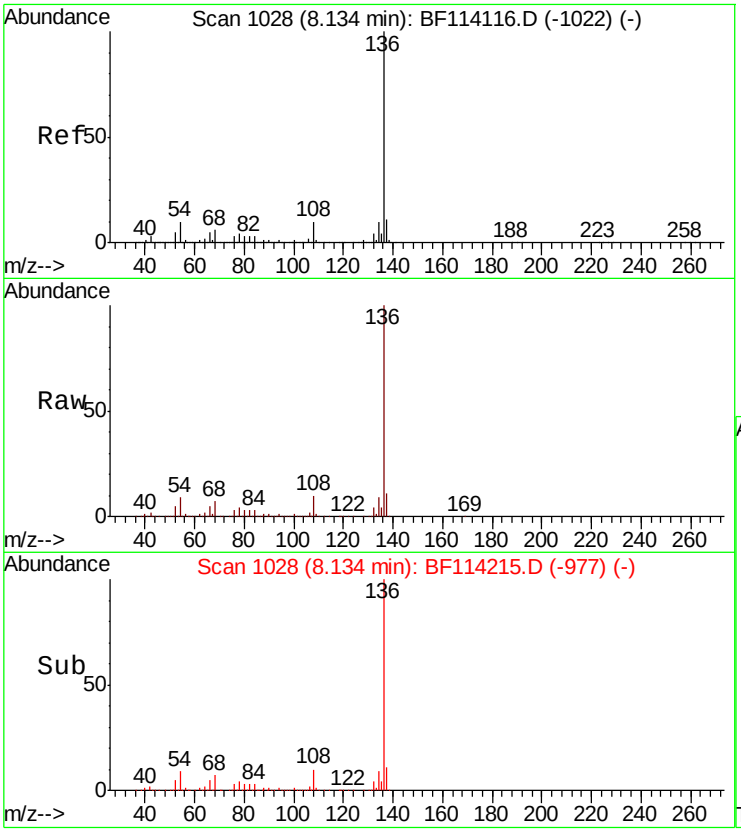


#19
n-Nitroso-di-n-propylamine
Concen: 7.987 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion: 70 Resp: 94180

Ion	Ratio	Lower	Upper
70	100		
42	57.6	58.6	87.8#
101	0.0	7.8	11.8#
130	2.6	17.1	25.7#



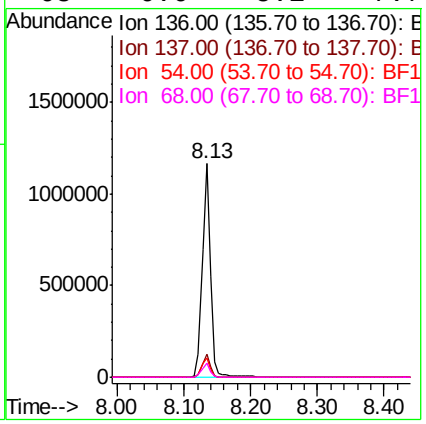


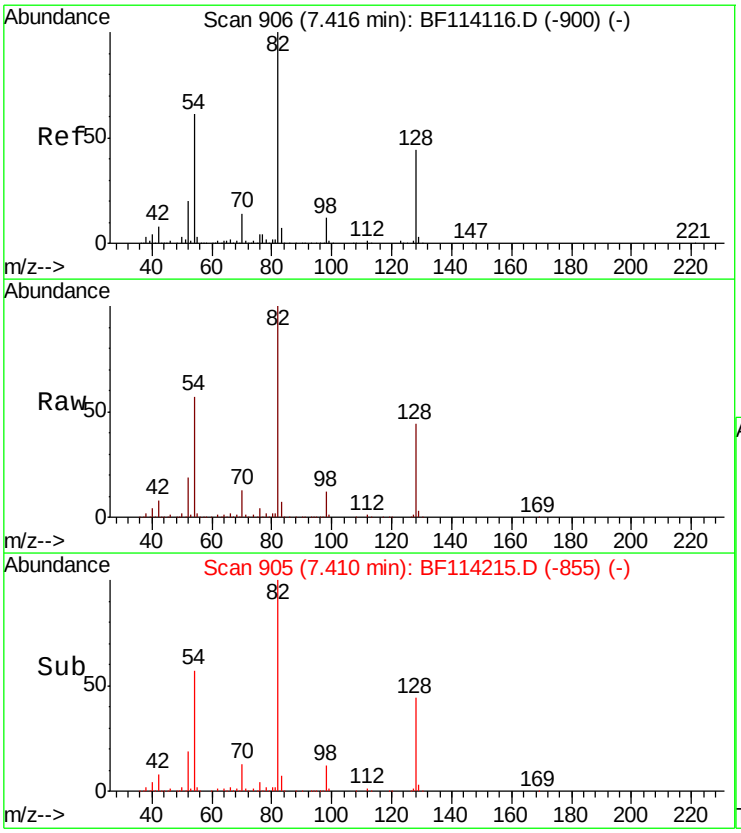
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:136 Resp: 973280

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.8	11.8
68	6.6	5.1	7.7

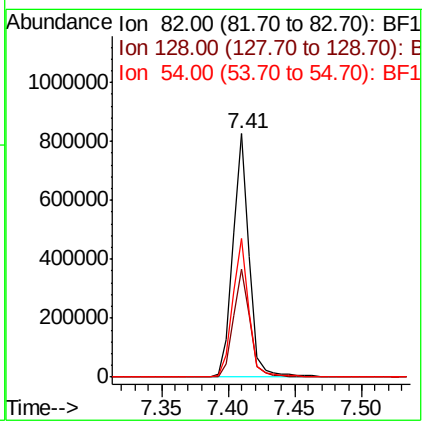


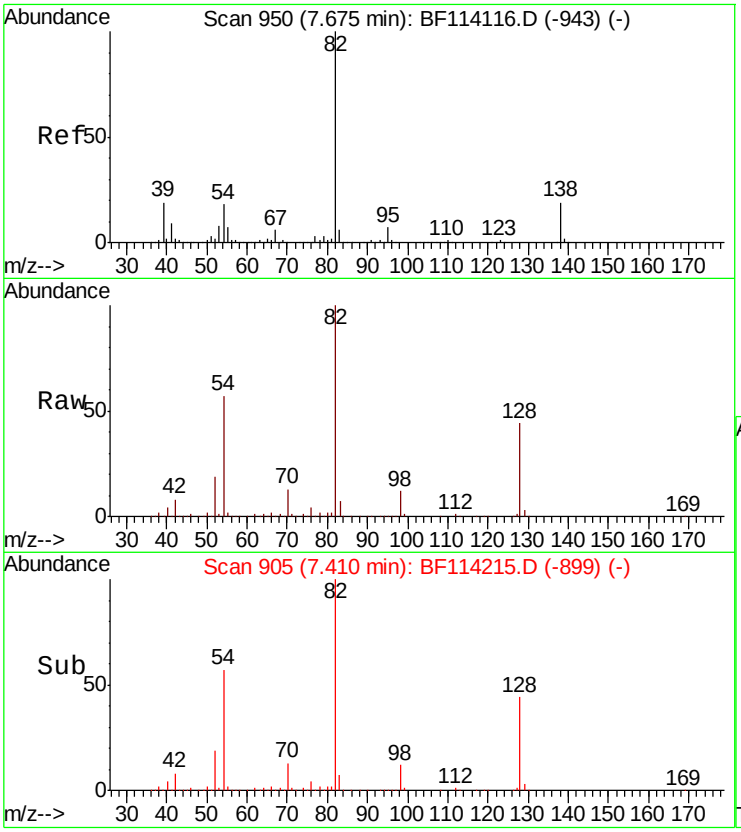


#23
Nitrobenzene-d5
Concen: 41.090 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion: 82 Resp: 712616

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	57.2	48.5	72.7



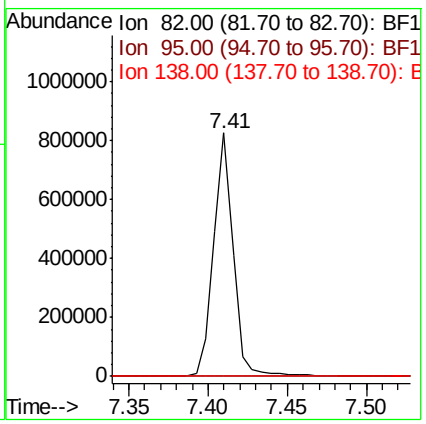


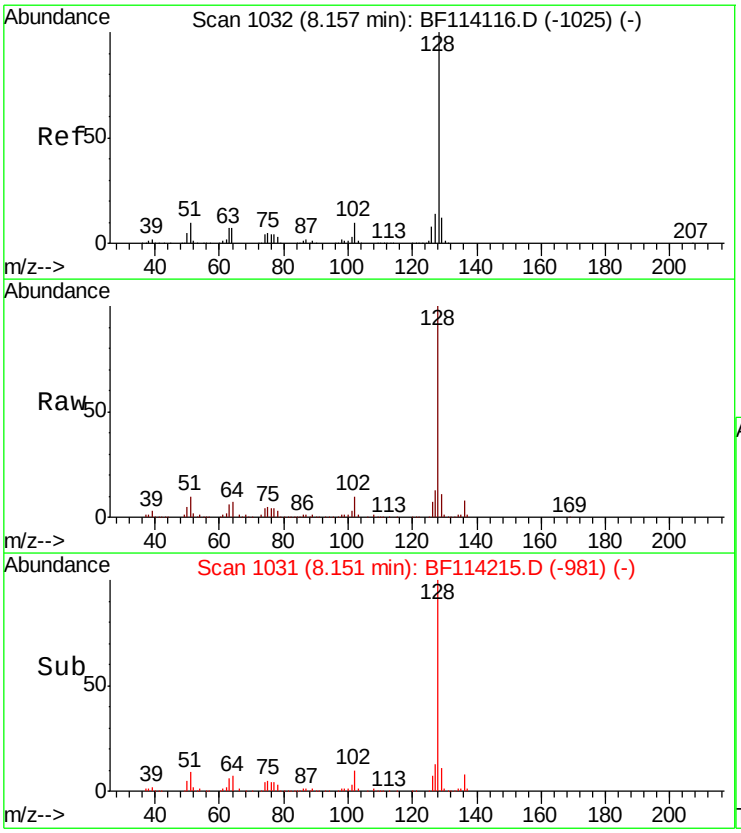
#25
Isophorone
Concen: 22.151 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion: 82 Resp: 712477

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

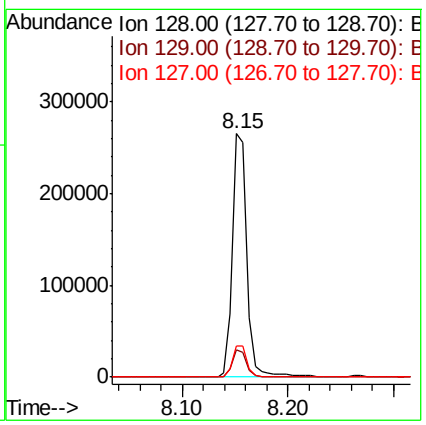


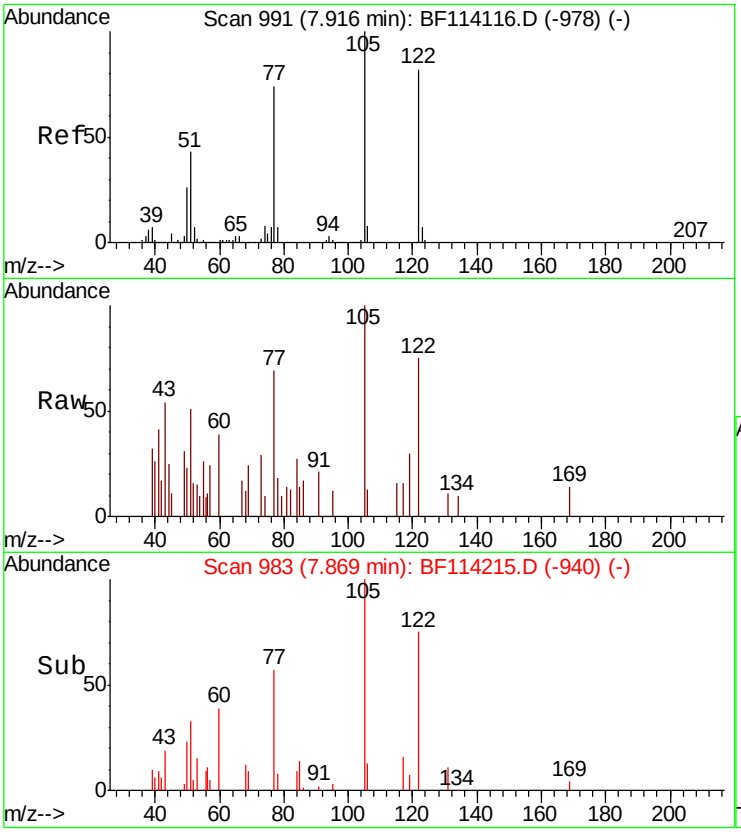


#31
Naphthalene
Concen: 5.430 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:128 Resp: 246887

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	12.8	11.3	16.9



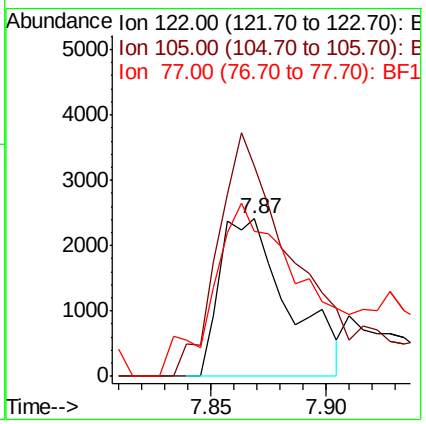


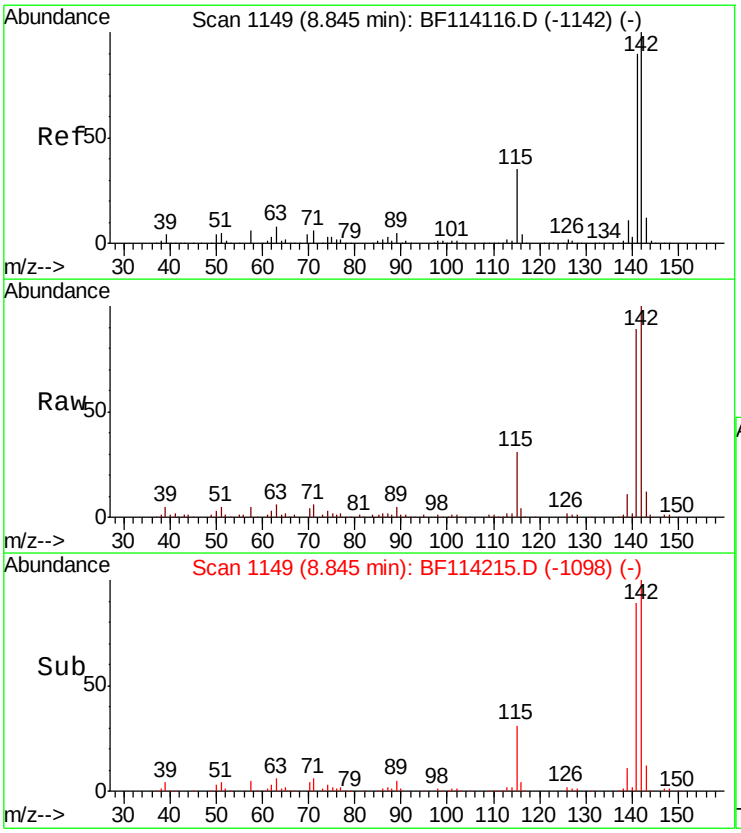
#32
Benzoic acid
Concen: 7.464 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:122 Resp: 4989

Ion	Ratio	Lower	Upper
122	100		
105	134.1	99.9	139.9
77	91.9	69.4	109.4

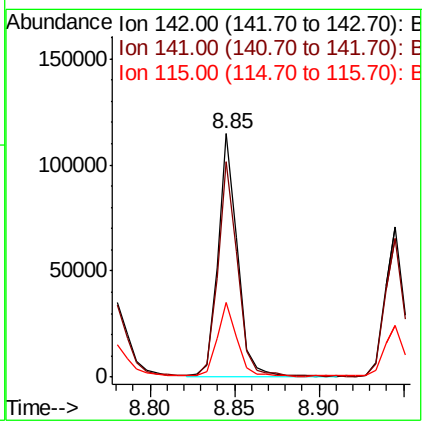


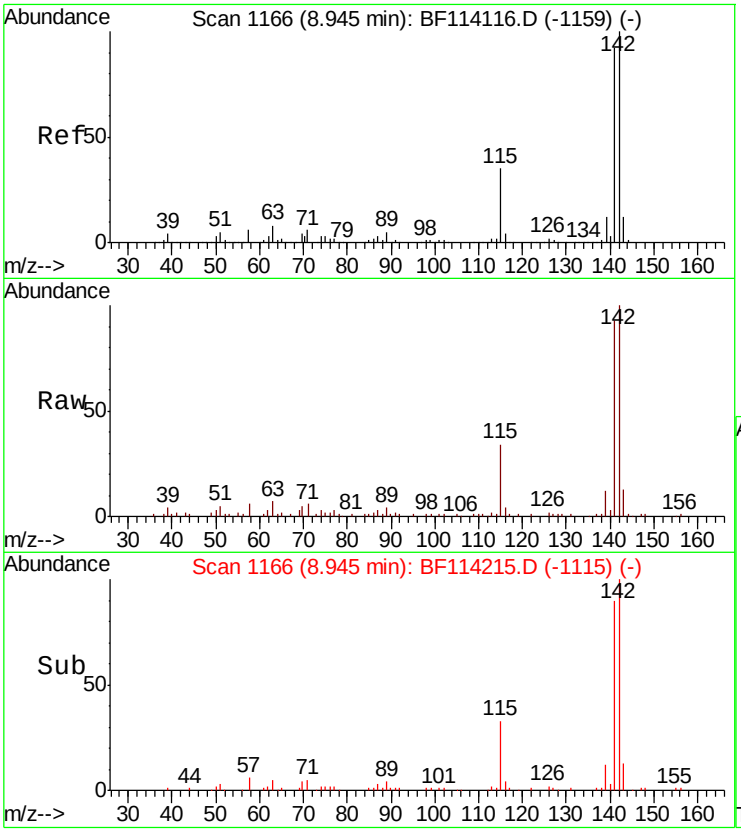


#37
2-Methylnaphthalene
Concen: 3.130 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:142 Resp: 91823

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	30.8	28.0	42.0



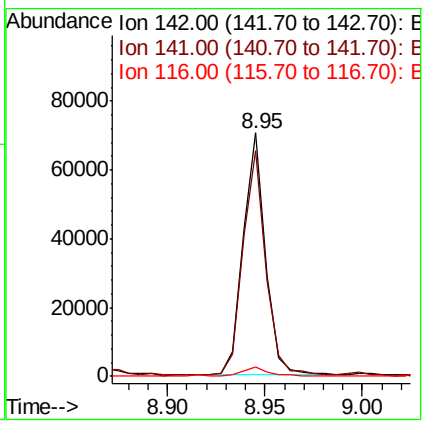


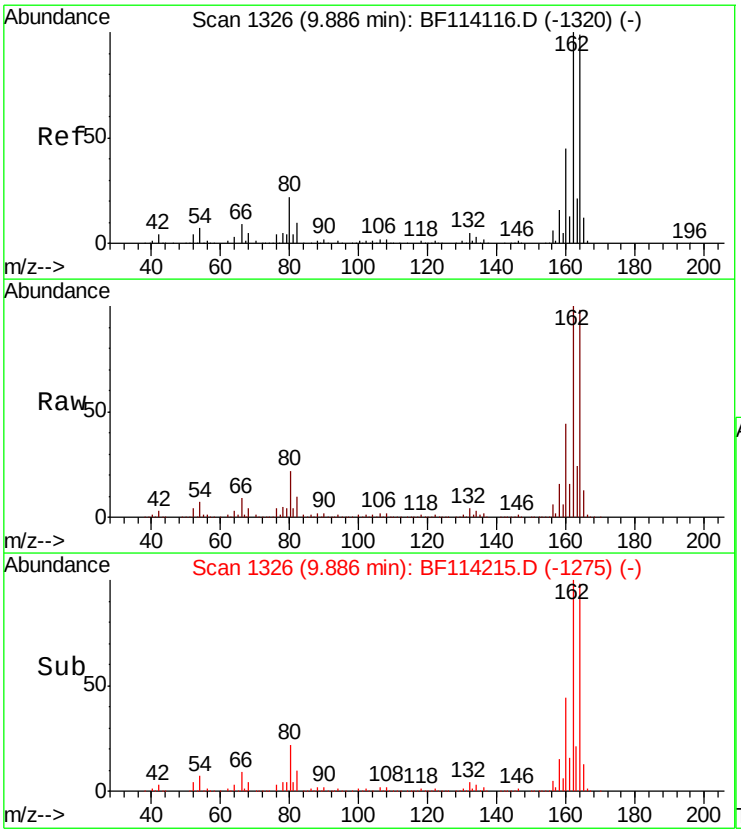
#38
1-Methylnaphthalene
Concen: 2.009 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:142 Resp: 55503

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.0
116	4.1	3.1	4.7

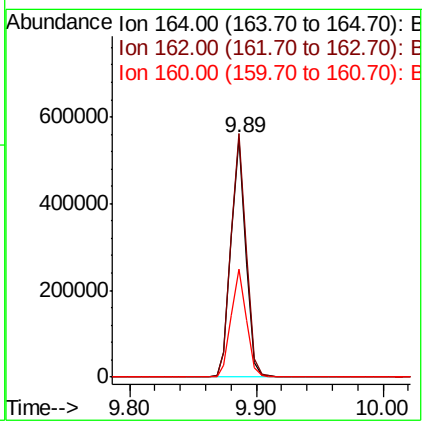


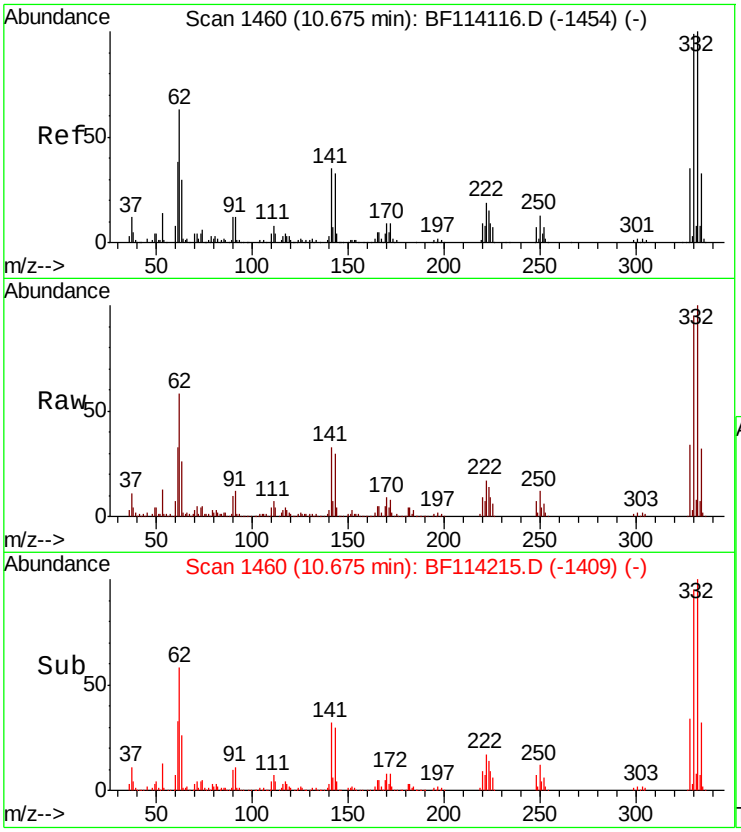


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:164 Resp: 440913

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.3	36.5	54.7



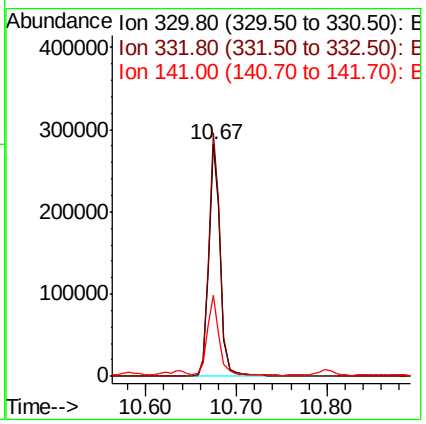


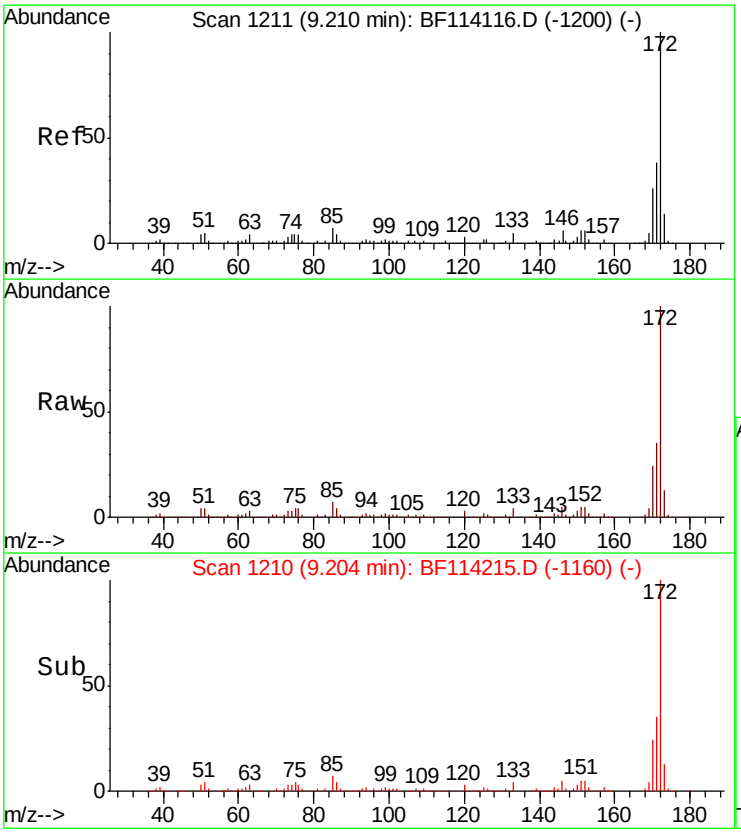
#42
2,4,6-Tribromophenol
Concen: 55.124 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:330 Resp: 251273

Ion	Ratio	Lower	Upper
330	100		
332	104.1	81.4	122.2
141	33.7	26.6	40.0

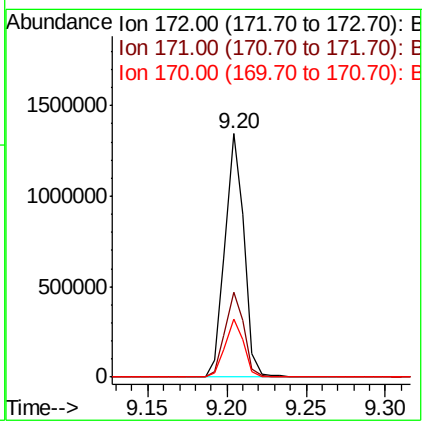


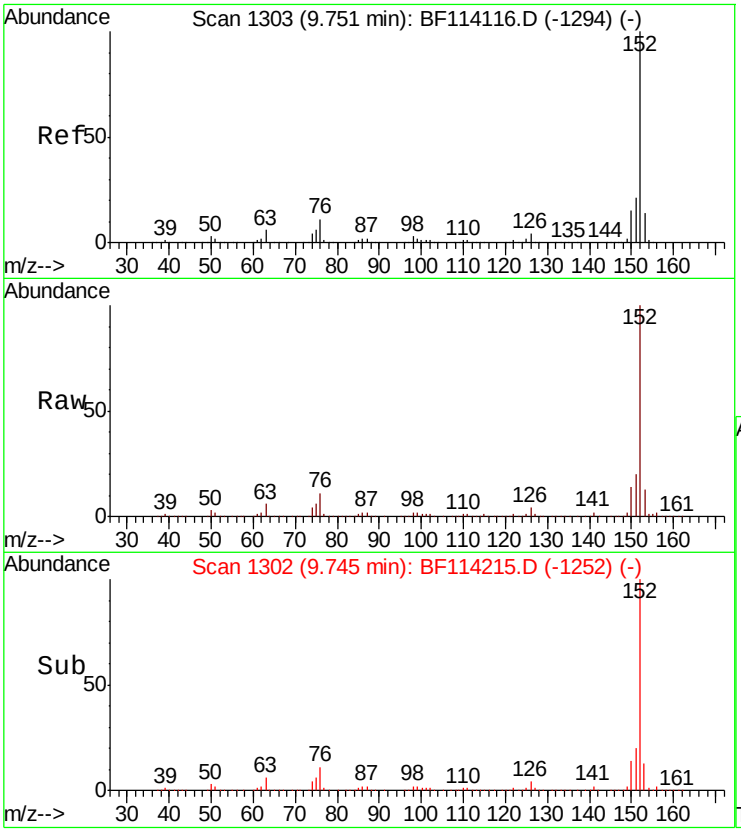


#45
2-Fluorobiphenyl
Concen: 38.523 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:172 Resp: 1122874

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.7	46.1
170	23.7	20.5	30.7



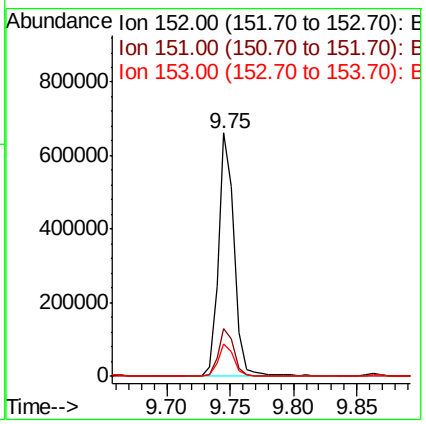


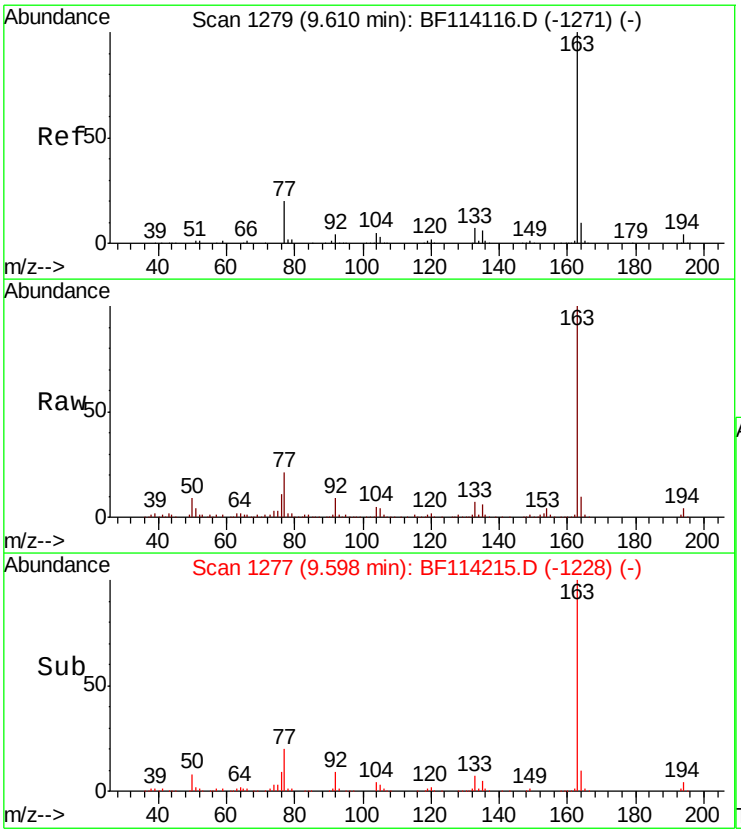
#49
Acenaphthylene
Concen: 13.192 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:152 Resp: 575164

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.8	25.2
153	13.2	11.4	17.2

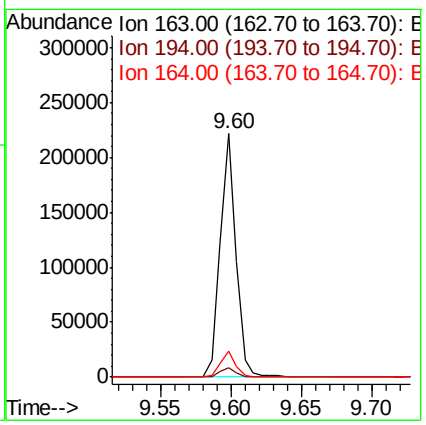


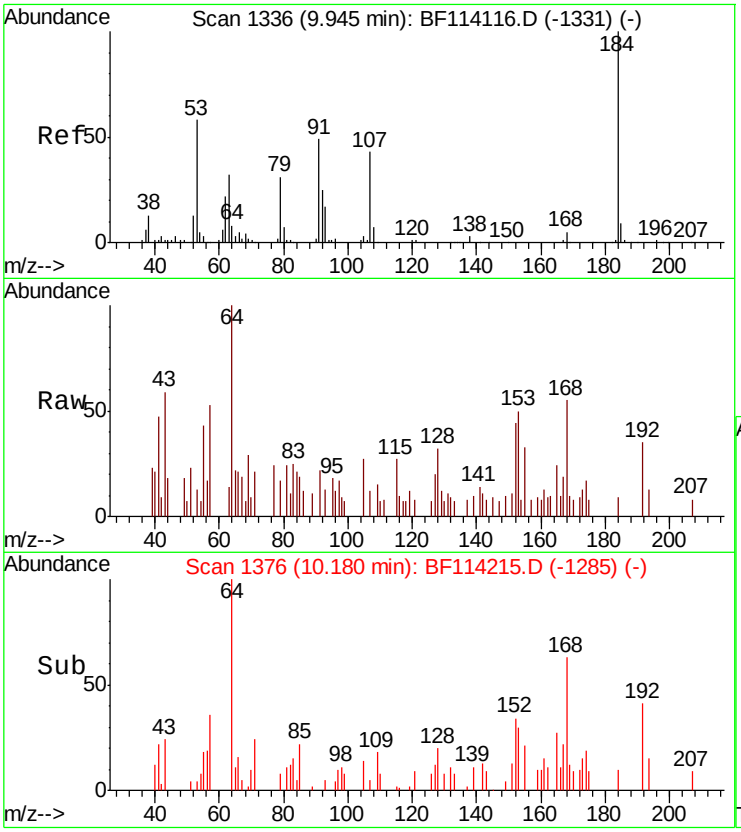


#50
Dimethylphthalate
Concen: 5.358 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:163 Resp: 173427

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	8.2	12.2



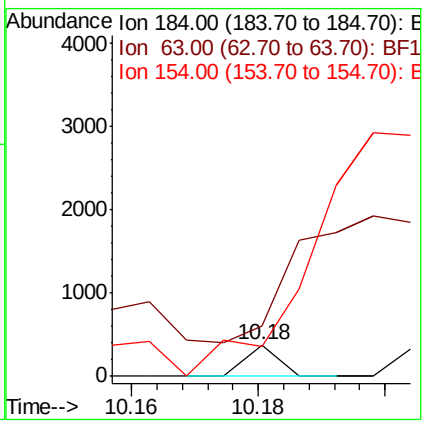


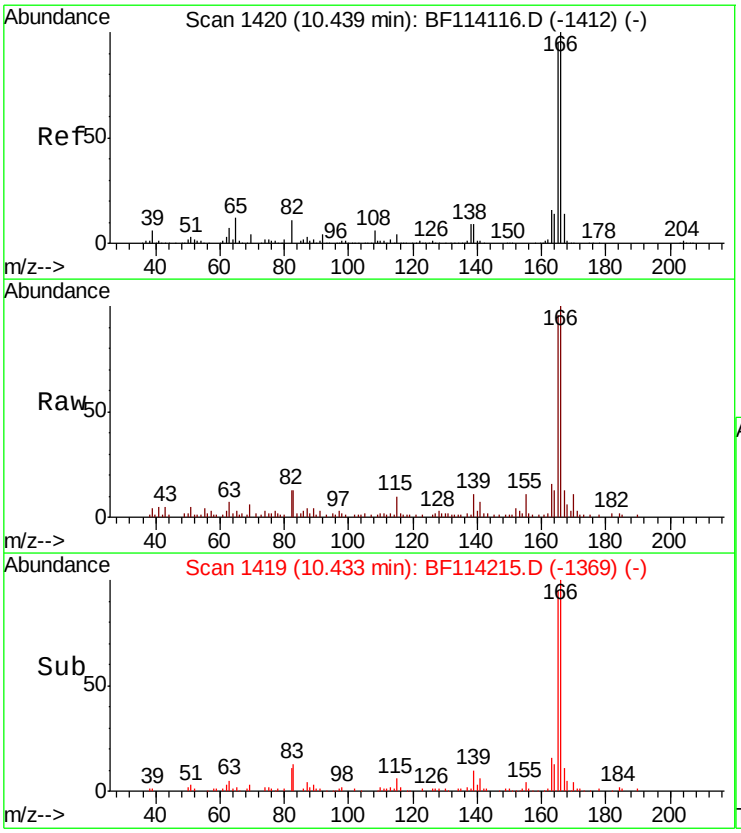
#54
2,4-Dinitrophenol
Concen: 6.779 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.24 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:184 Resp: 134

Ion	Ratio	Lower	Upper
184	100		
63	159.8	55.6	83.4#
154	92.9	46.0	69.0#

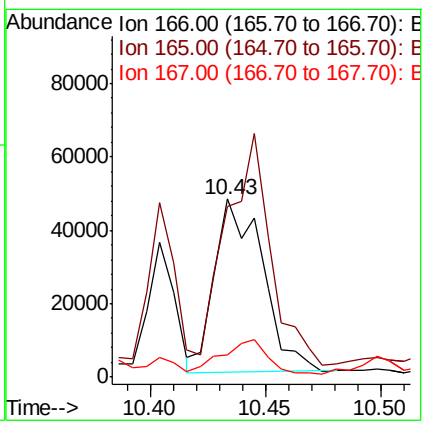


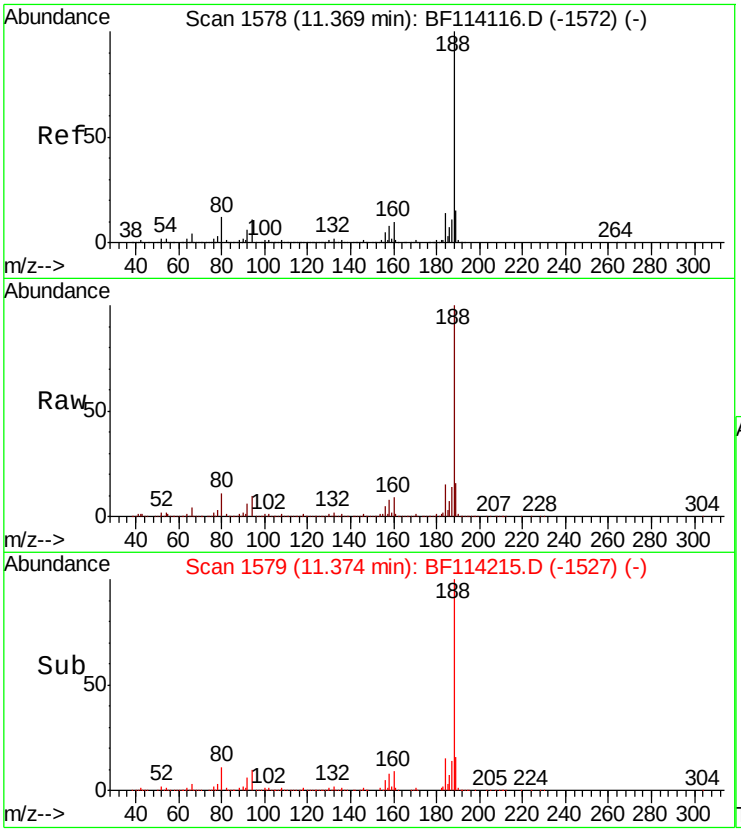


#58
Fluorene
Concen: 2.256 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:166 Resp: 68370

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.1	114.1
167	12.7	11.1	16.7



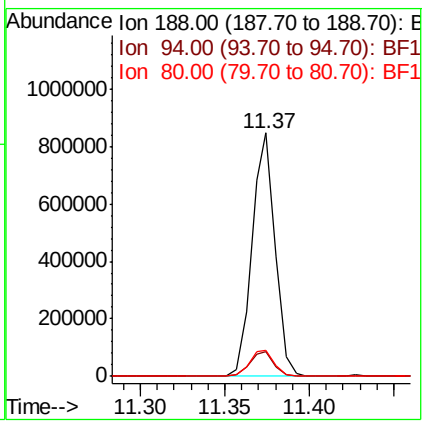


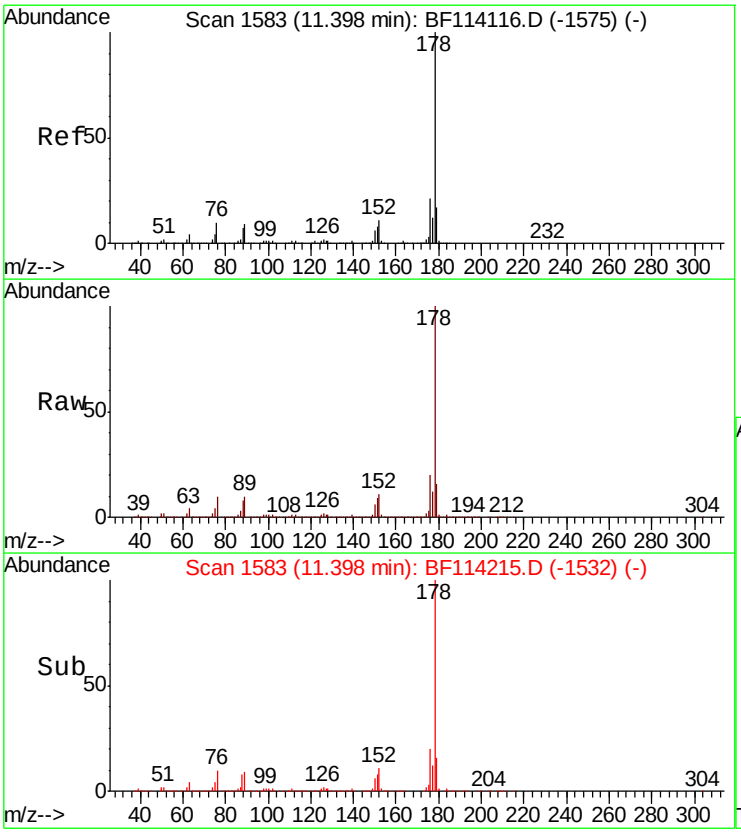
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:188 Resp: 802630

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.9	9.2	13.8

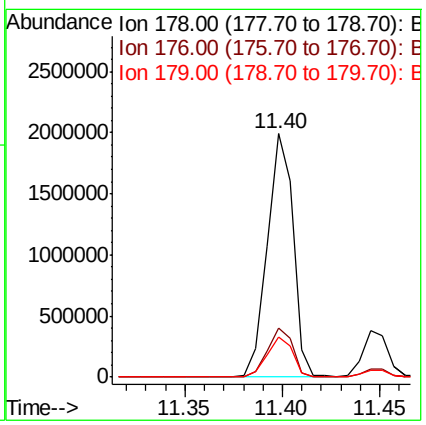


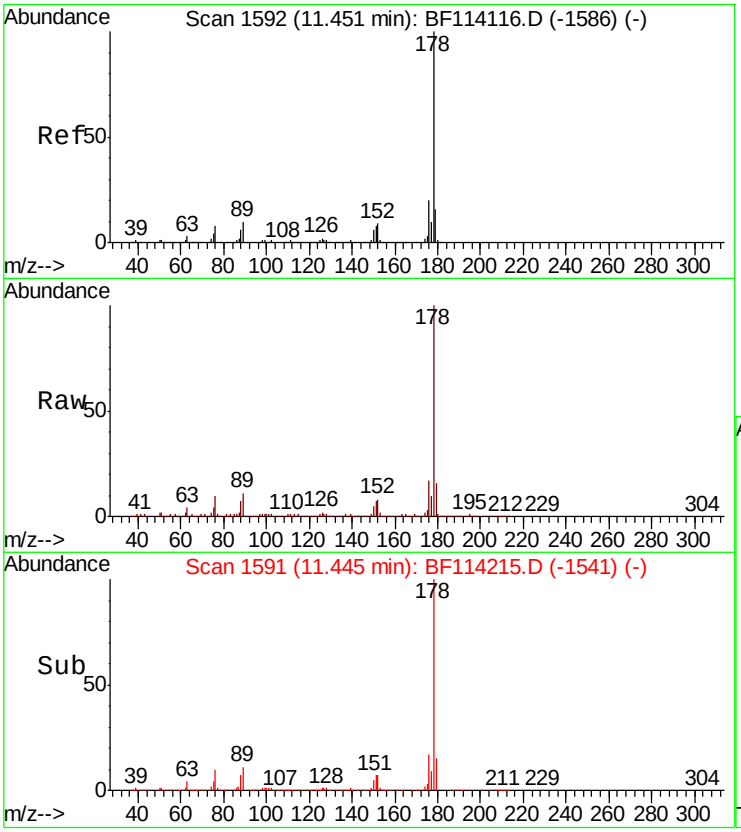


#71
Phenanthrene
Concen: 46.761 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:178 Resp: 1825952

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.4	13.2	19.8



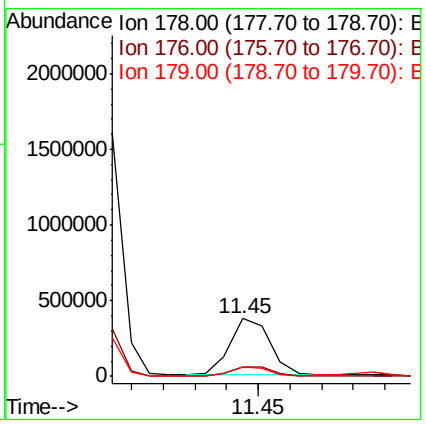


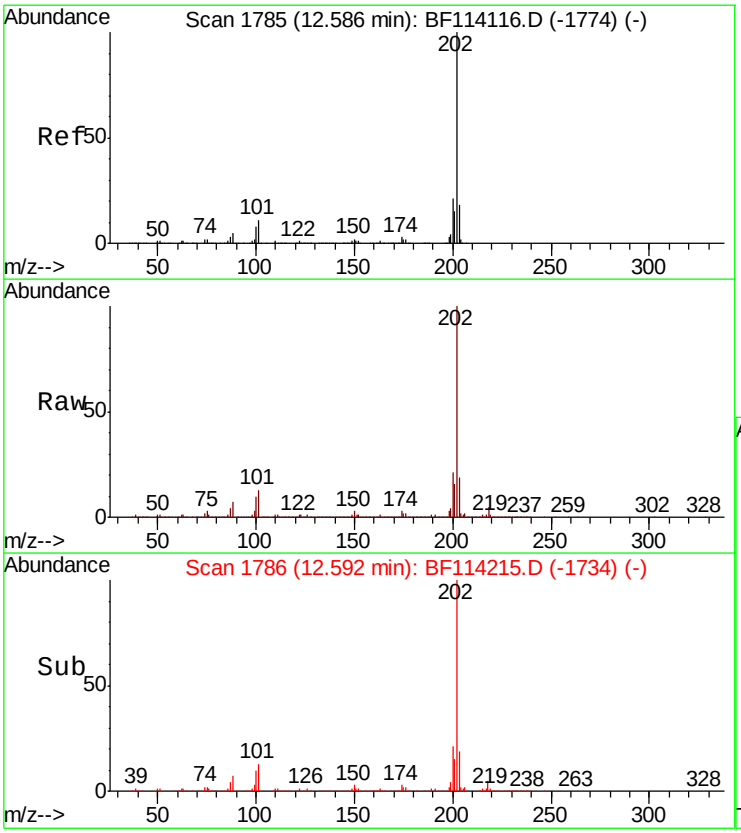
#72
Anthracene
Concen: 8.360 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:178 Resp: 327901

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.8
179	15.6	13.0	19.4

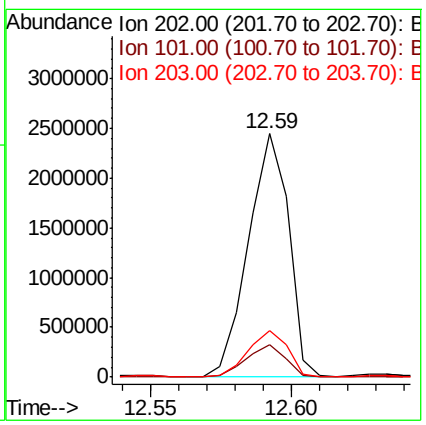


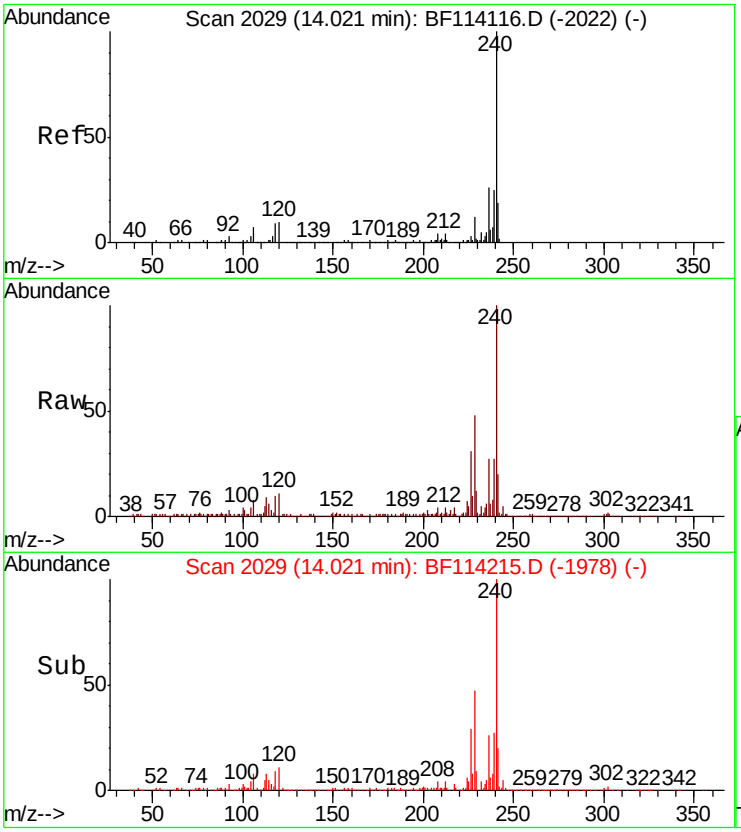


#75
Fluoranthene
Concen: 57.419 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:202 Resp: 2414493

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.0
203	19.0	0.0	38.4



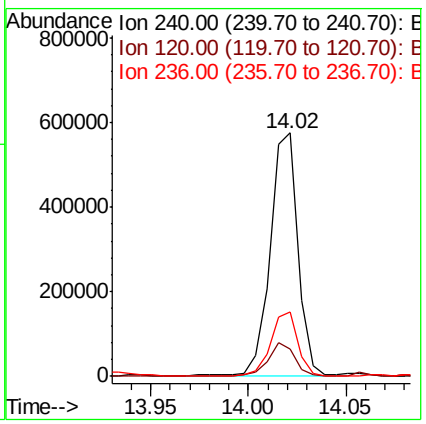


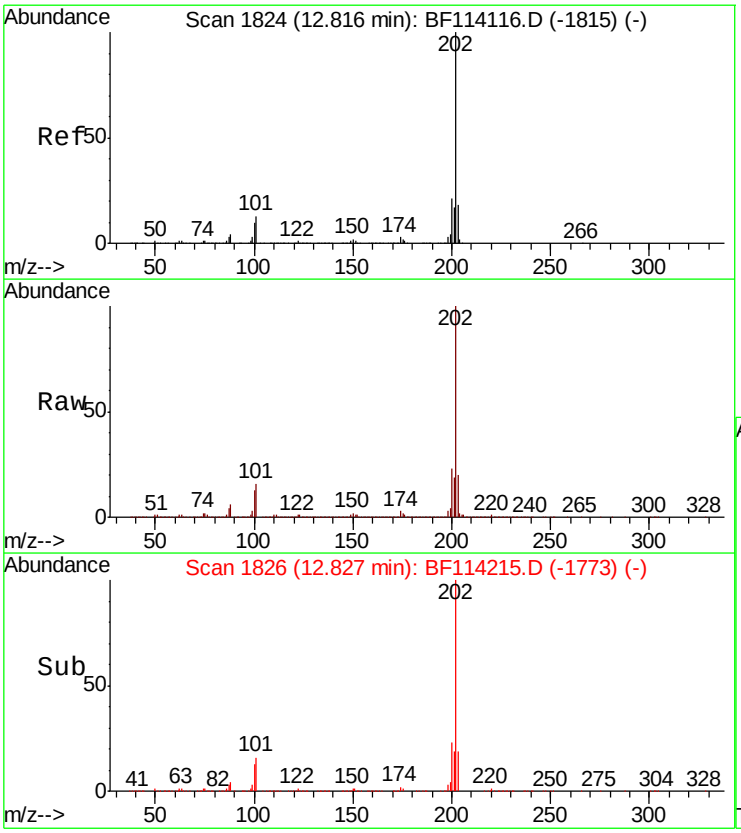
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:240 Resp: 561265

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.6	20.8	31.2

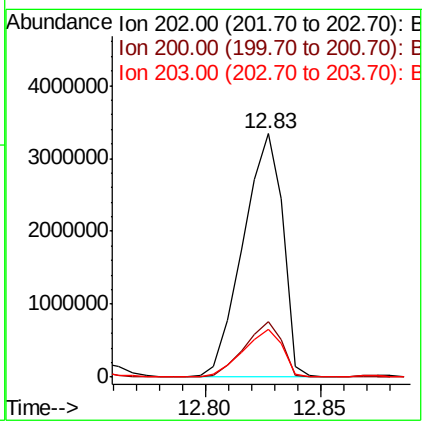


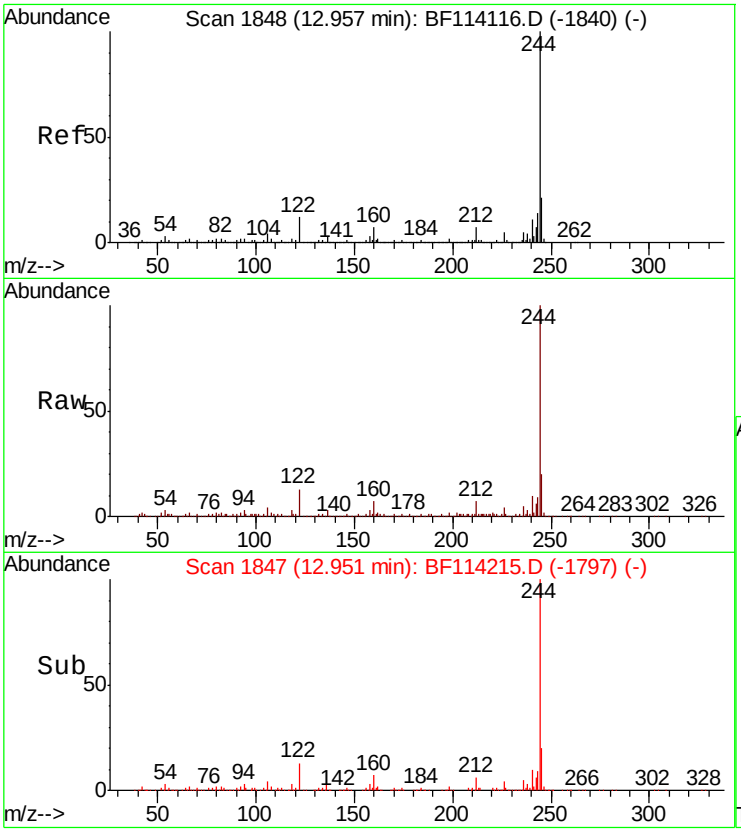


#78
Pyrene
Concen: 88.357 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:202 Resp: 3989424

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.6	14.5	21.7



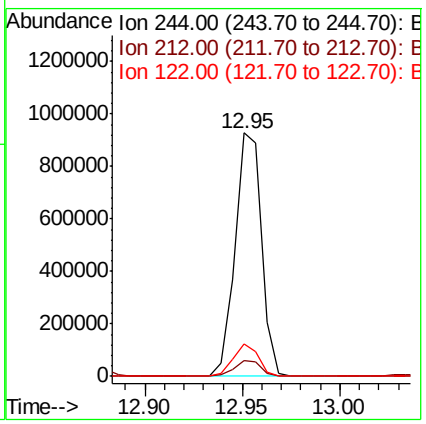


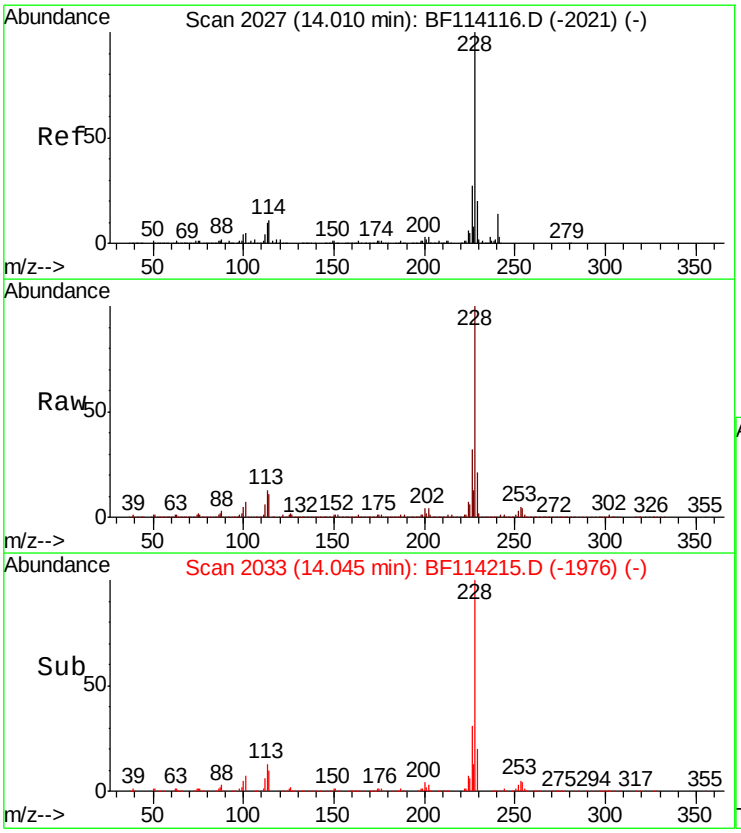
#79
Terphenyl-d14
Concen: 31.963 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:244 Resp: 870263

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	13.1	9.4	14.2

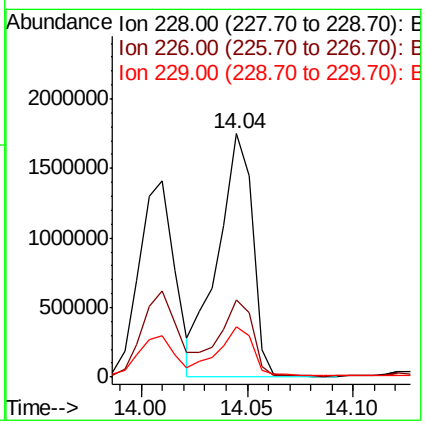


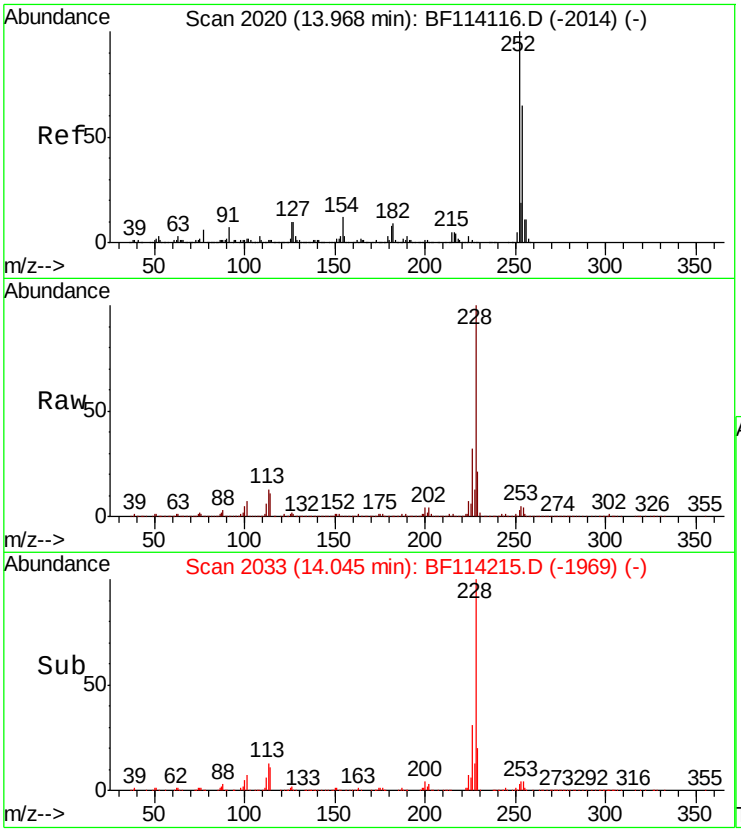


#81
Benzo(a)anthracene
Concen: 54.251 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:228 Resp: 1969428

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.2
229	20.9	16.4	24.6



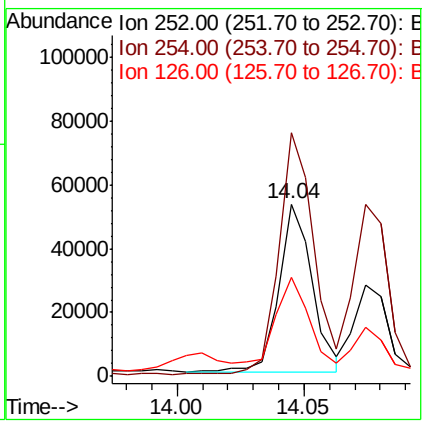


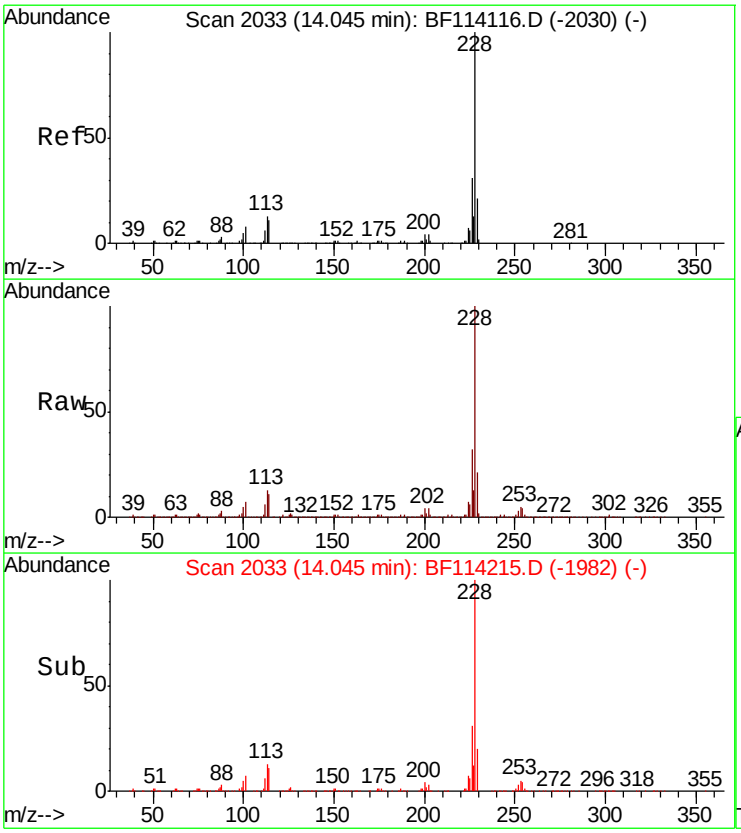
#82
3,3'-Dichlorobenzidine
Concen: 3.417 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.08 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:252 Resp: 48125

Ion	Ratio	Lower	Upper
252	100		
254	141.3	51.9	77.9#
126	57.2	7.9	11.9#

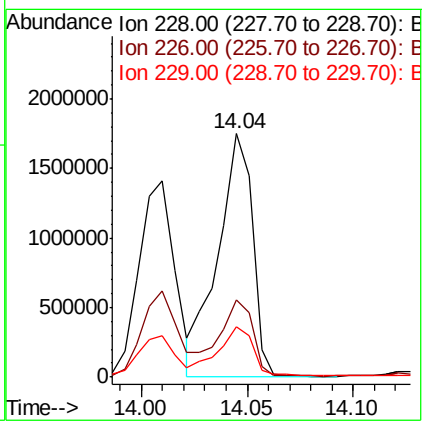


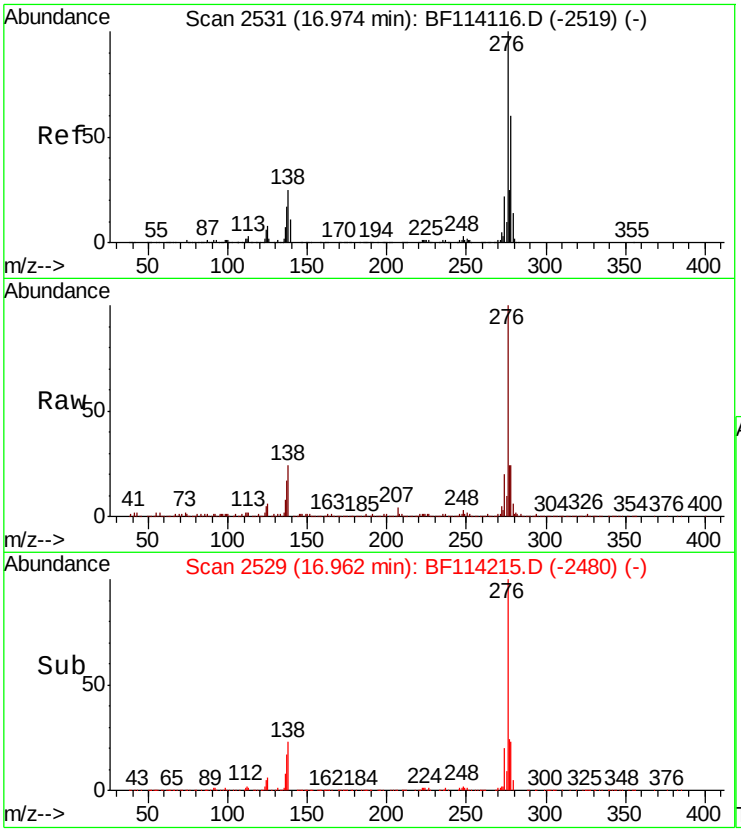


#83
Chrysene
Concen: 55.342 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:228 Resp: 1969428

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.9	17.0	25.6



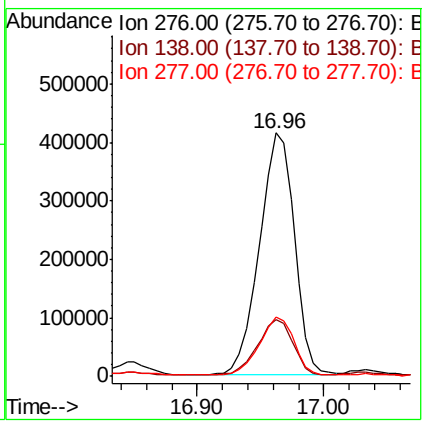


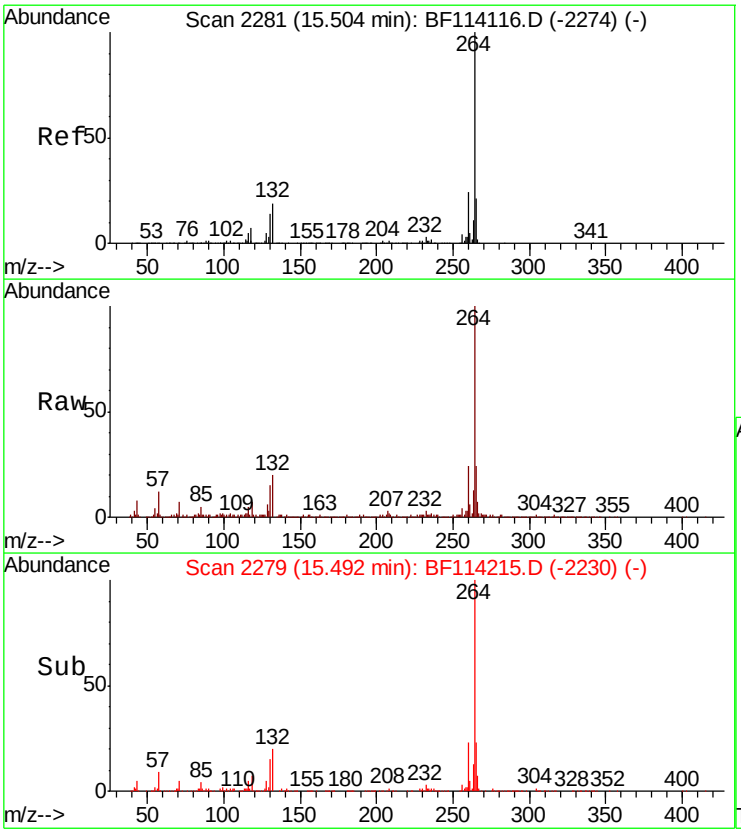
#86
Indeno(1,2,3-cd)pyrene
Concen: 25.154 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:276 Resp: 791123

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.2	30.2
277	23.9	20.0	30.0

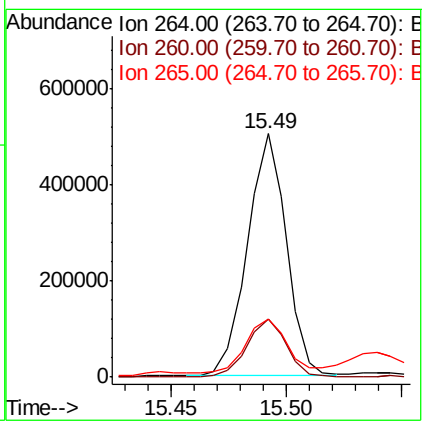


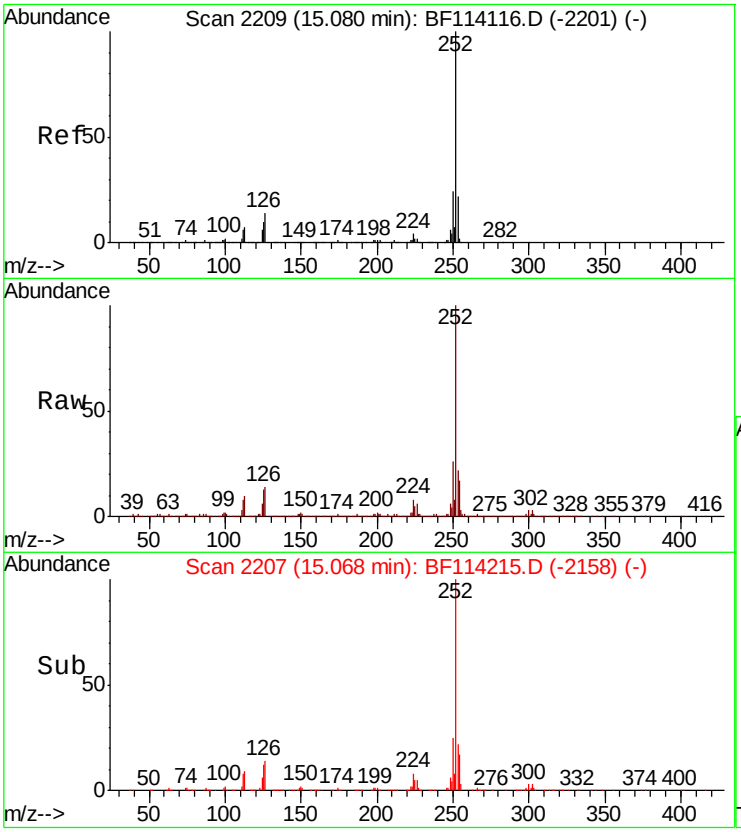


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:264 Resp: 594144

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	23.7	16.9	25.3



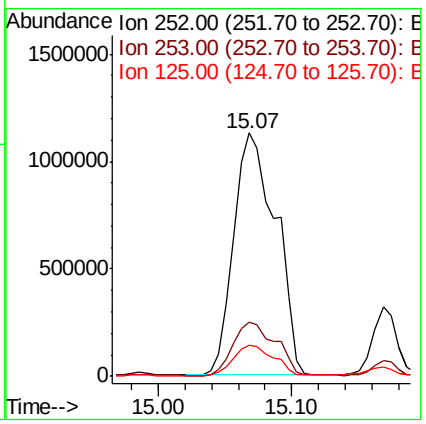


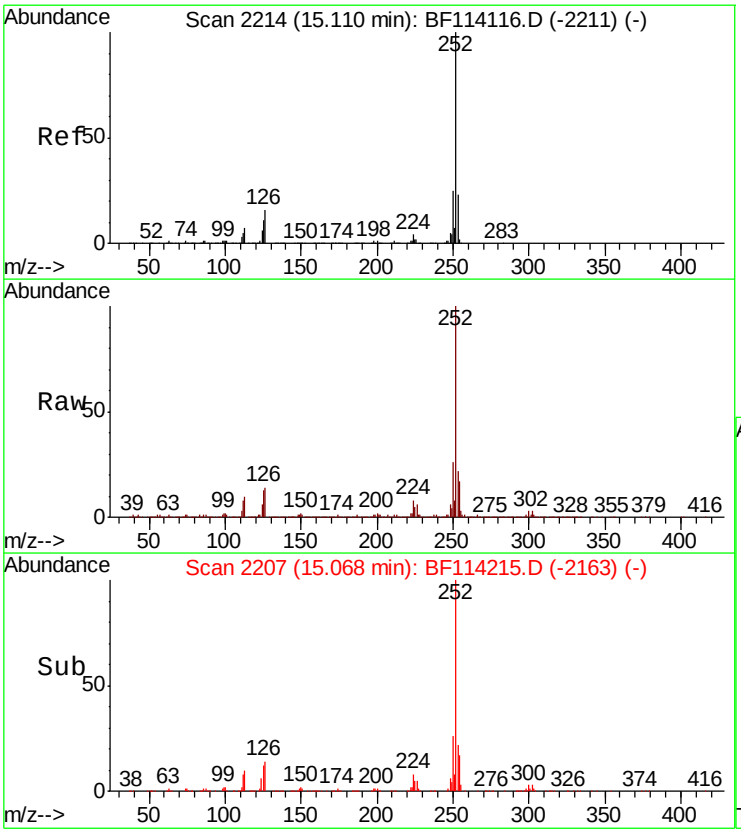
#88
Benzo(b)fluoranthene
Concen: 64.977 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:252 Resp: 2473283

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.6	8.3	12.5#

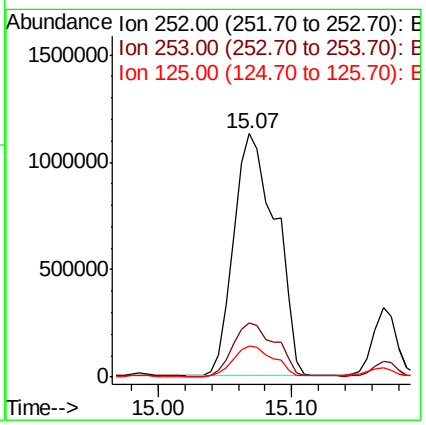


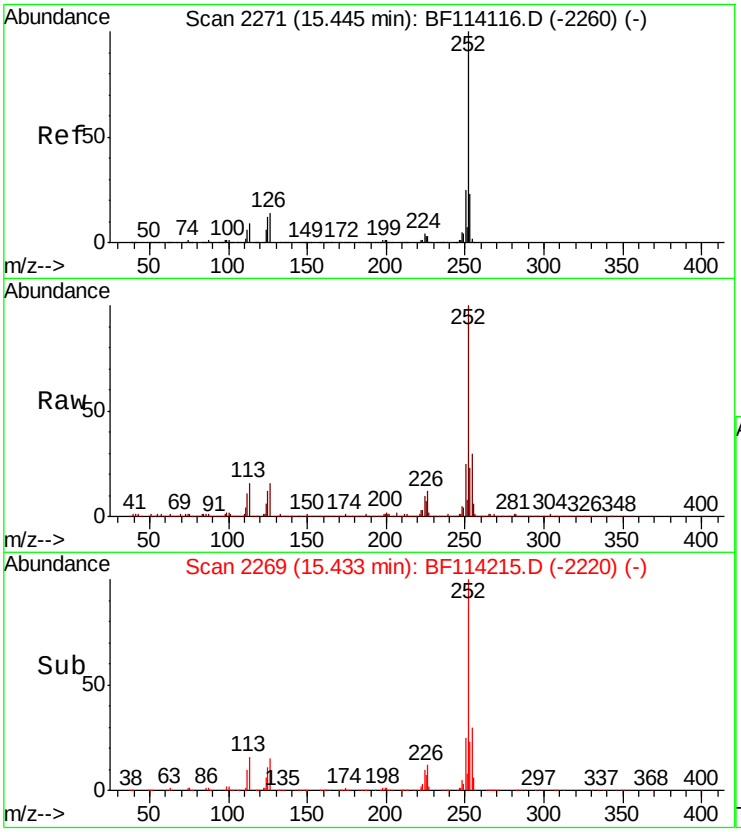


#89
Benzo(k)fluoranthene
Concen: 70.734 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:252 Resp: 2473283

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.6	8.6	13.0



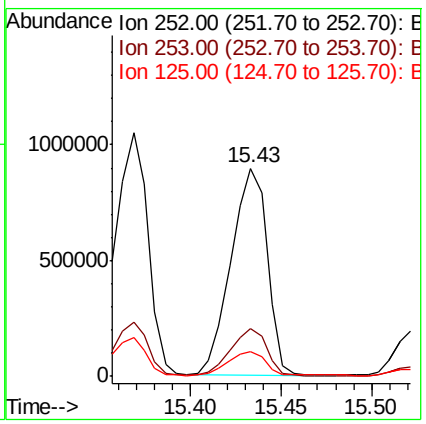


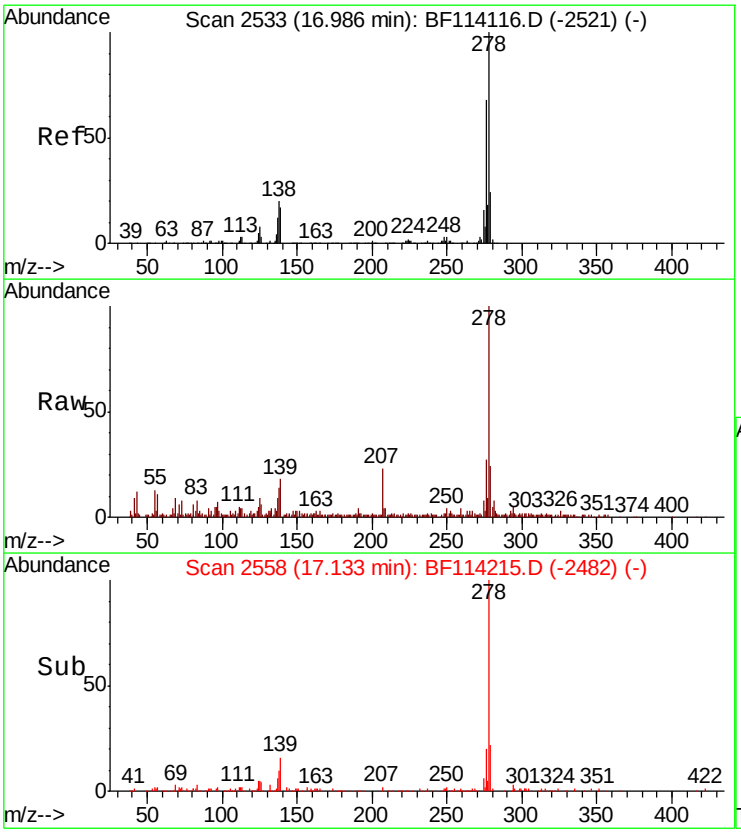
#90
Benzo(a)pyrene
Concen: 37.199 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:252 Resp: 1246161

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.9	9.5	14.3

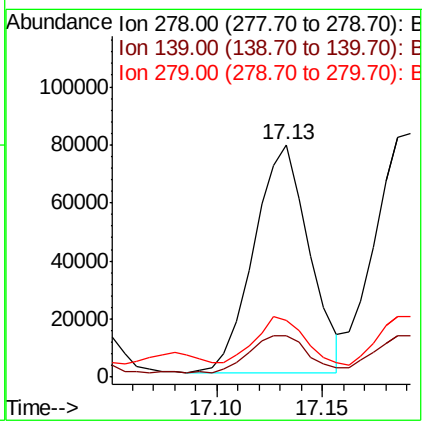


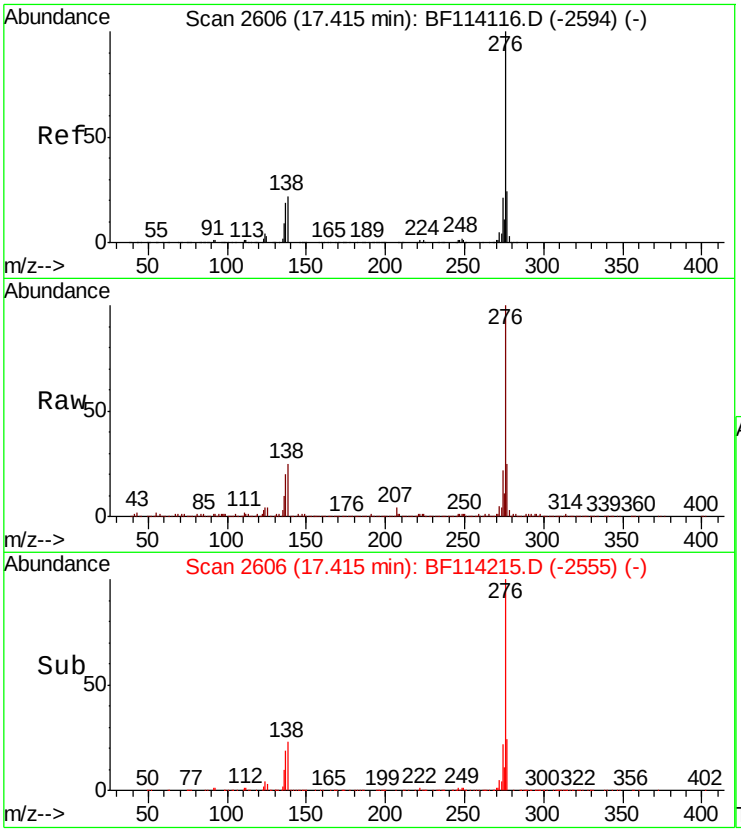


#91
Dibenzo(a,h)anthracene
Concen: 5.119 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.15 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Tgt Ion:278 Resp: 142491

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.5	20.3
279	24.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 32.156 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF114215.D
Acq: 13 May 2019 2:06

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01DL

Tgt Ion:276 Resp: 897051

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	24.6	17.8	26.6