Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114217.D
Acq On : 13 May 2019 2:58
Operator : JU/SJ
Sample : K2765-21DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS006-0002-02DL

Quant Time: May 13 07:51:48 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	261285	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1000214	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	459238	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	847137	20.00	ng		0.00
76) Chrysene-d12	14.02	240	585191	20.00	ng		0.00
87) Perylene-d12	15.49	264	612892	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	893819	55.05	ng		0.00
7) Phenol-d6	6.49	99	1189676	61.95	ng		0.00
23) Nitrobenzene-d5	7.41	82	737419	41.38	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	234661	49.43	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	988966	32.58	ng		0.00
79) Terphenyl-d14	12.96	244	800903	28.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	96615	7.938	ng	#	75
25) Isophorone	7.41	82	735493	22.251	ng	#	64
31) Naphthalene	8.15	128	443806	9.499	ng		98
32) Benzoic acid	7.86	122	5192	7.470	ng		86
33) 4-Chloroaniline	8.15	127	57316	2.692	ng	#	31
37) 2-Methylnaphthalene	8.85	142	184655	6.126	ng		97
38) 1-Methylnaphthalene	8.95	142	117271	4.131	ng		97
46) 1,1'-Biphenyl	9.30	154	74846	2.017	ng		94
49) Acenaphthylene	9.75	152	731692	16.112	ng		98
50) Dimethylphthalate	9.60	163	190403	5.648	ng		99
54) 2,4-Dinitrophenol	10.17	184	440	6.852	ng	#	40
71) Phenanthrene	11.40	178	2183264	52.973	ng		99
72) Anthracene	11.44	178	422115	10.197	ng		97
75) Fluoranthene	12.60	202	2891051	65.139	ng		98
78) Pyrene	12.83	202	4834156	102.689	ng		95
81) Benzo(a)anthracene	14.05	228	2254342	59.560	ng		94
83) Chrysene	14.05	228	2254342	60.758	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	966800	29.483	ng		97
88) Benzo(b)fluoranthene	15.07	252	2970572	75.654	ng	#	97
89) Benzo(k)fluoranthene	15.17	252	532411	14.761	ng		98
90) Benzo(a)pyrene	15.44	252	1575077	45.579	ng		99
91) Dibenzo(a,h)anthracene	17.13	278	194476	6.773	ng		96
92) Benzo(g,h,i)perylene	17.42	276	1104010	38.365	ng		97

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

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Misc :
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Instrument :
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ClientSampleId :
P026-SS006-0002-02DL

Quant Time: May 13 07:51:48 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
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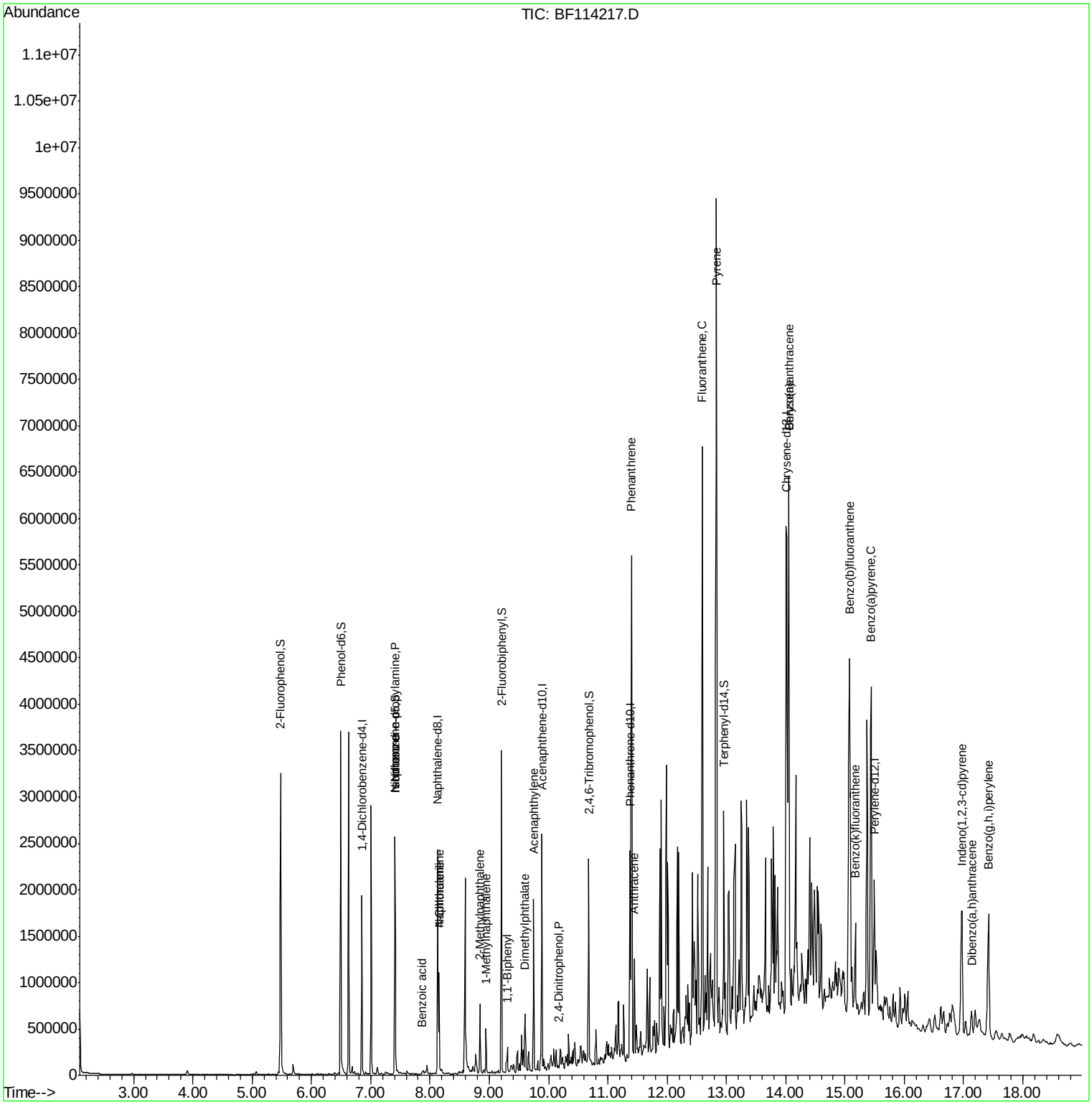
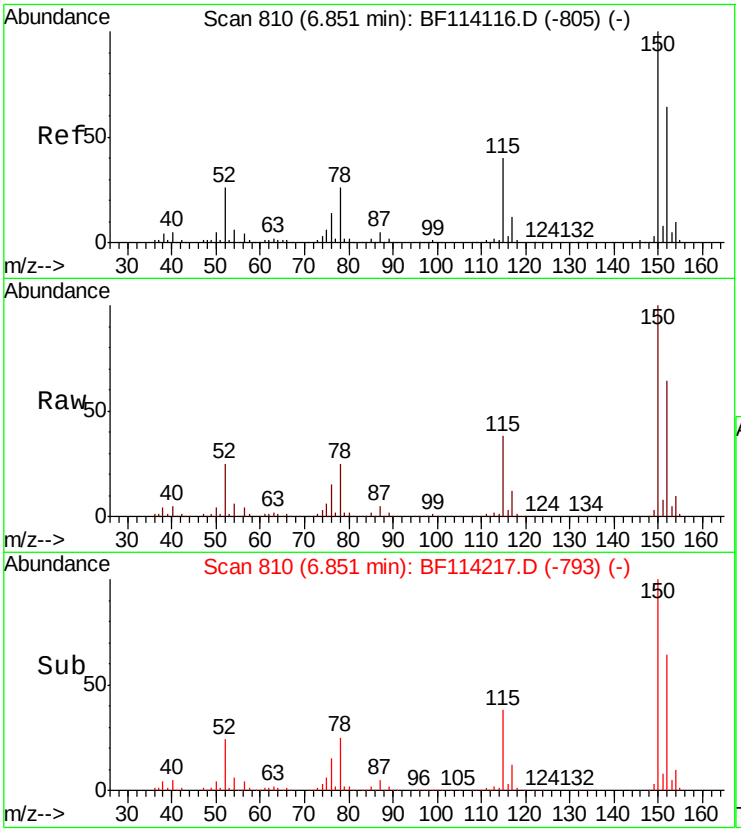


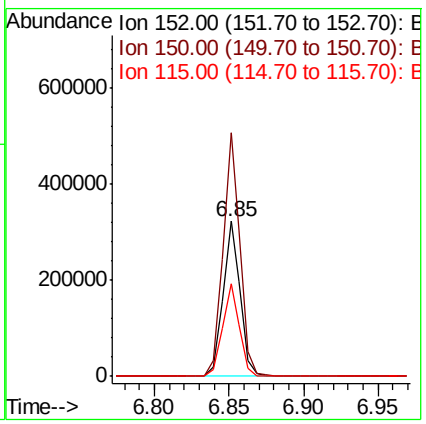


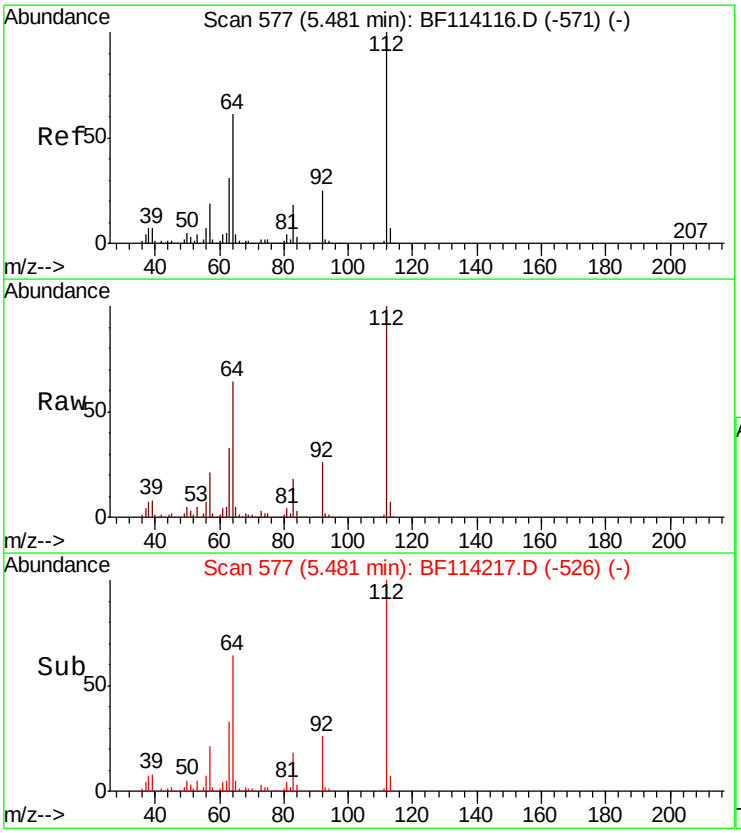
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:152 Resp: 261285

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	59.8	49.1	73.7

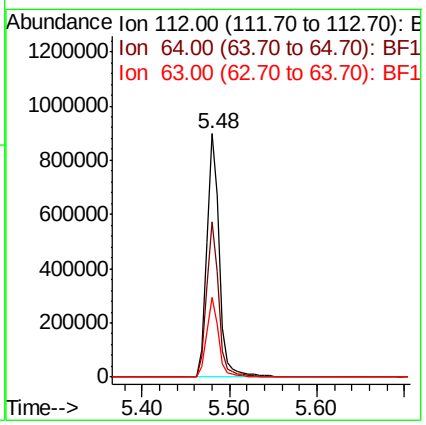


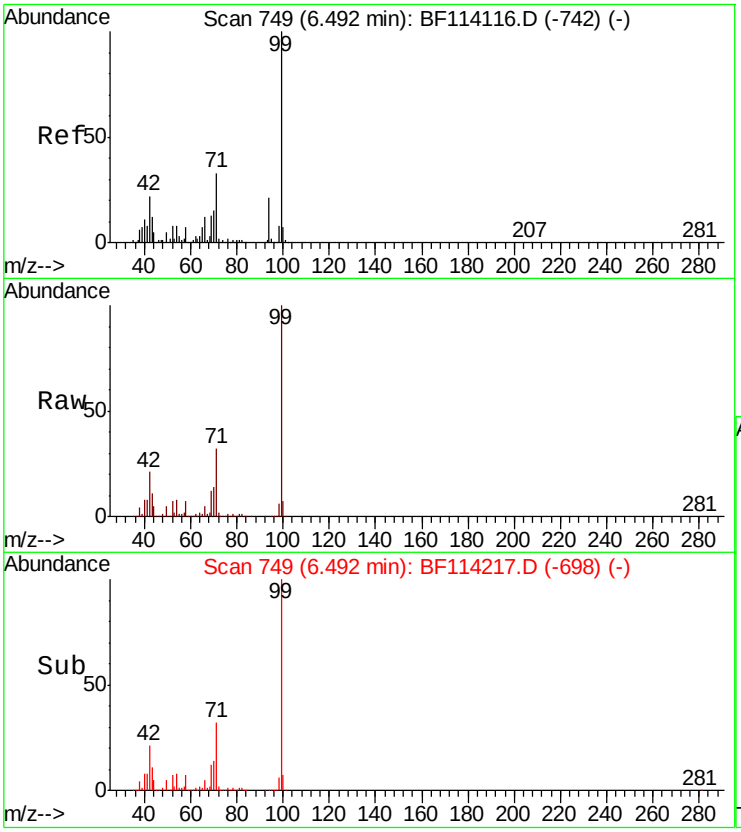


#5
2-Fluorophenol
Concen: 55.051 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:112 Resp: 893819

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.0	73.6
63	32.5	24.6	37.0



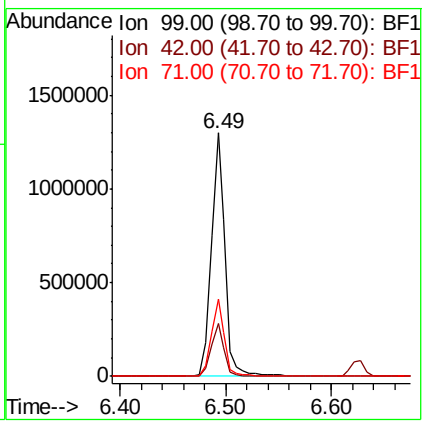


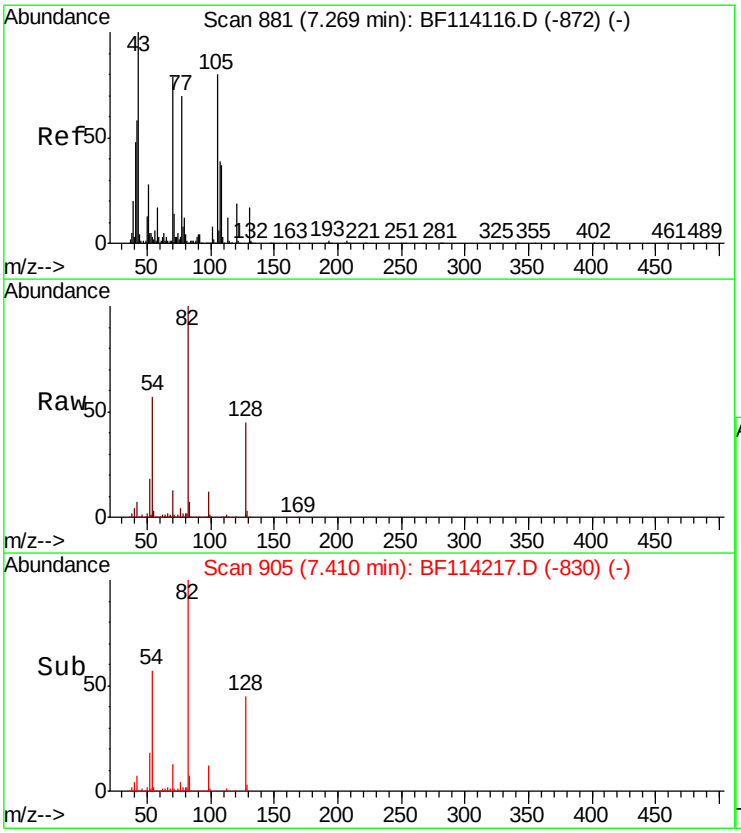
#7
Phenol-d6
Concen: 61.952 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion: 99 Resp: 1189676

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	31.8	26.2	39.2

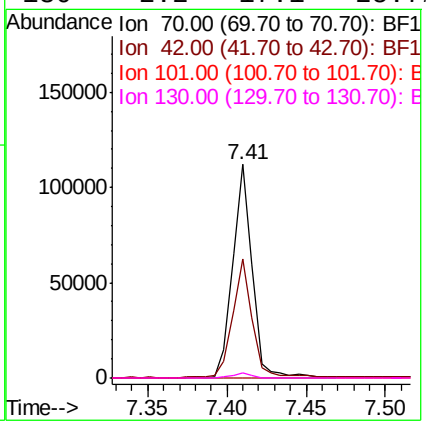


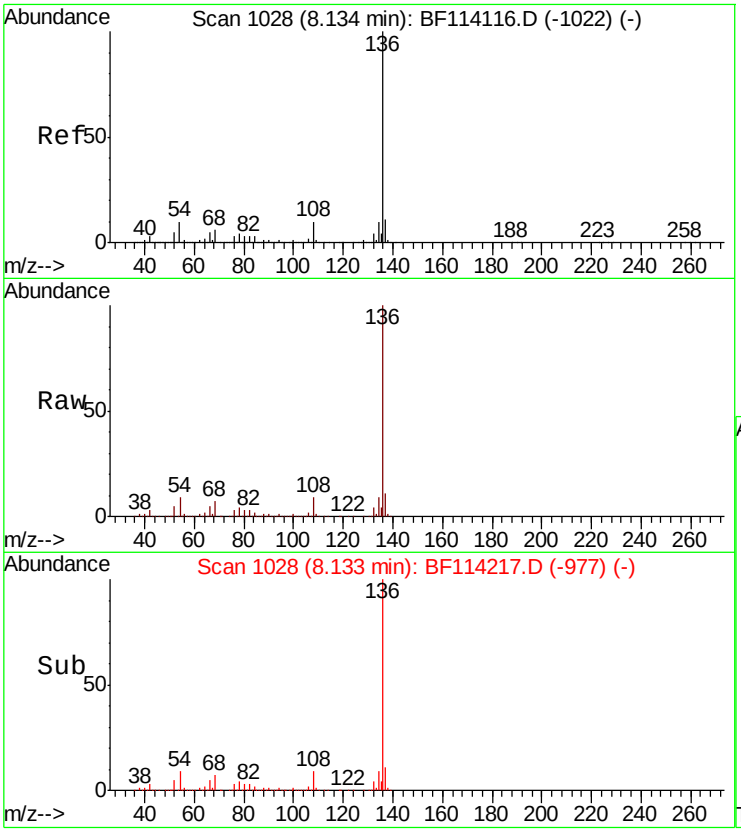


#19
n-Nitroso-di-n-propylamine
Concen: 7.938 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion: 70 Resp: 96615

Ion	Ratio	Lower	Upper
70	100		
42	55.7	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



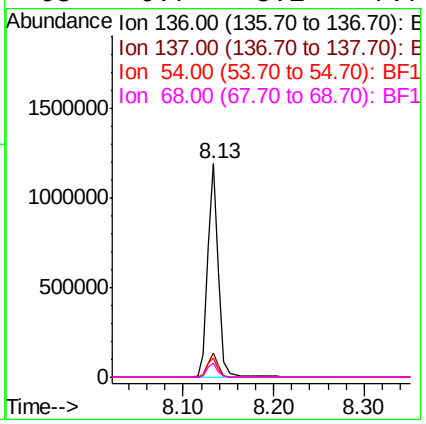


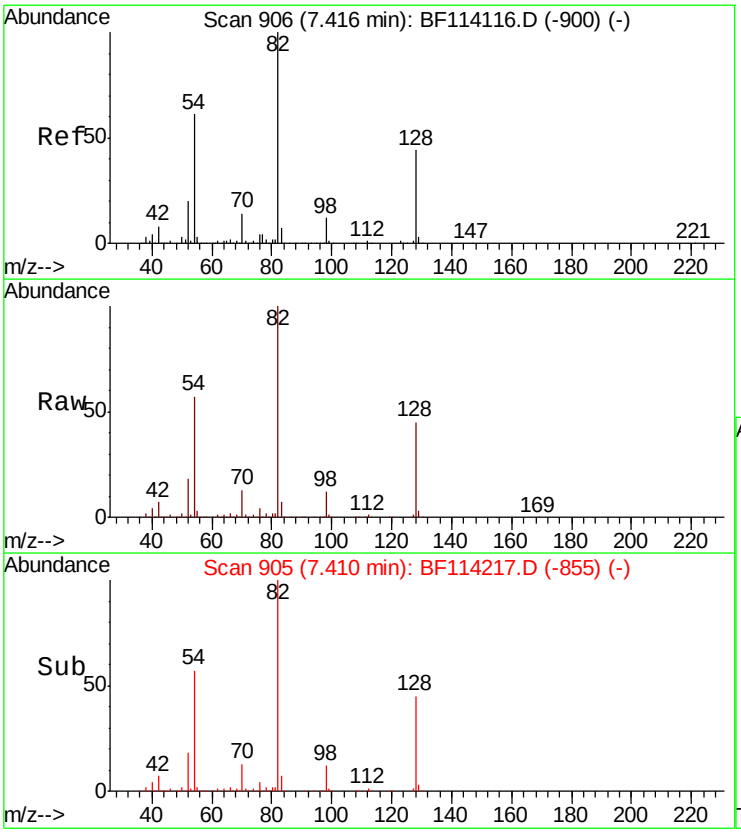
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:136 Resp: 1000214

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.8	11.8
68	6.7	5.1	7.7

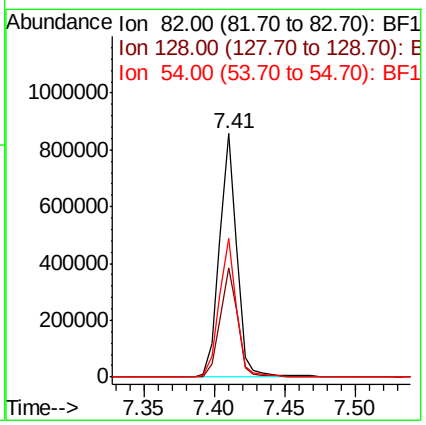


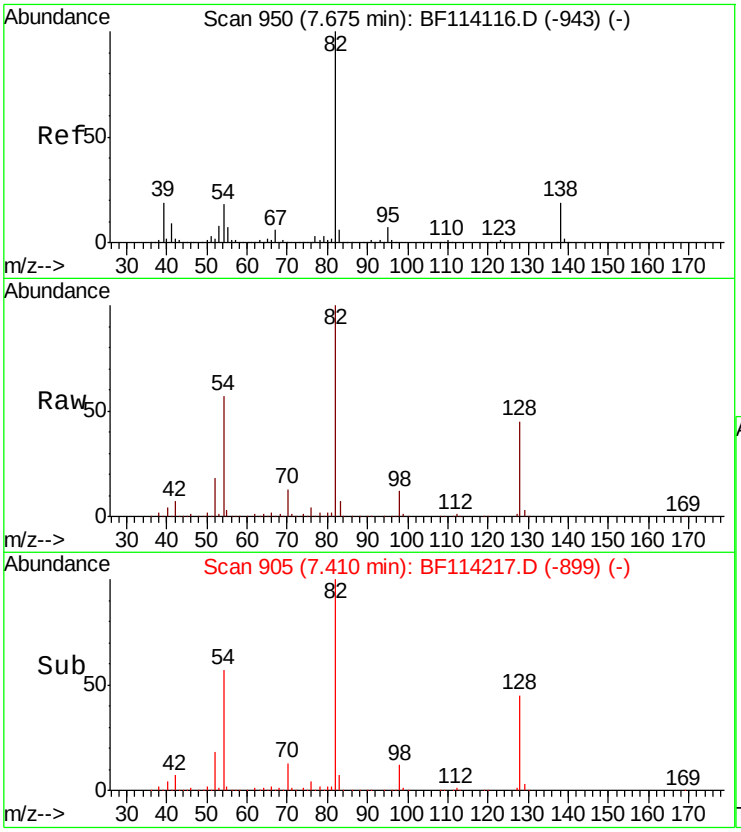


#23
Nitrobenzene-d5
Concen: 41.375 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion: 82 Resp: 737419

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	57.1	48.5	72.7



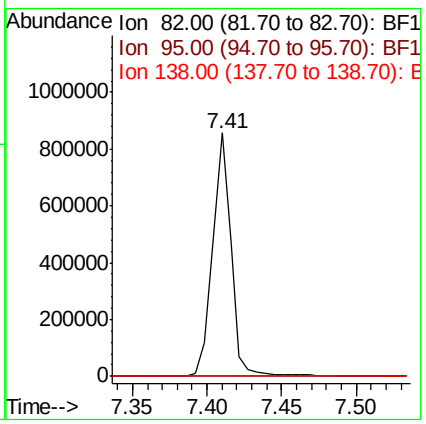


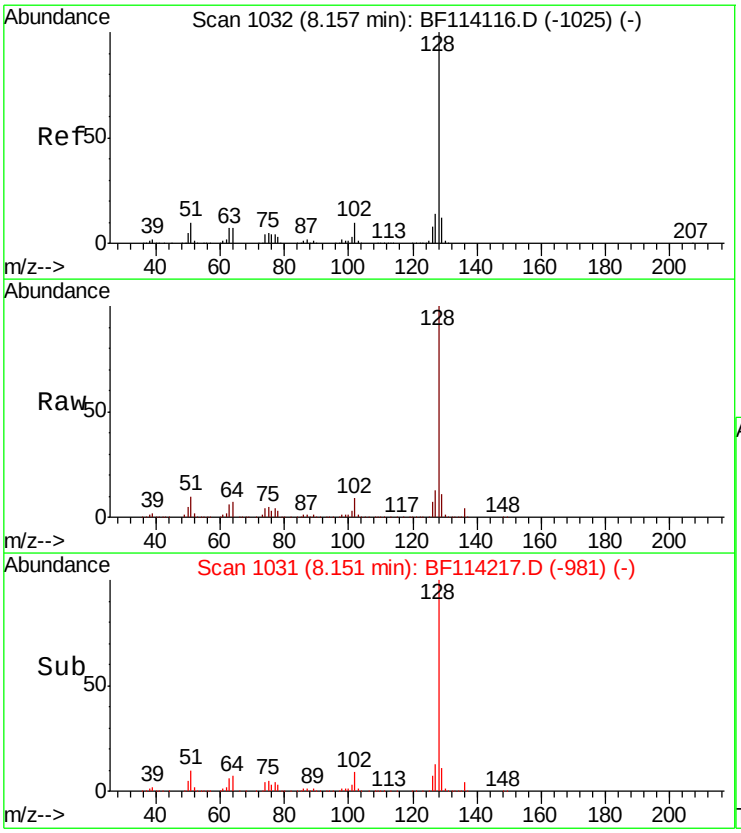
#25
Isophorone
Concen: 22.251 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion: 82 Resp: 735493

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

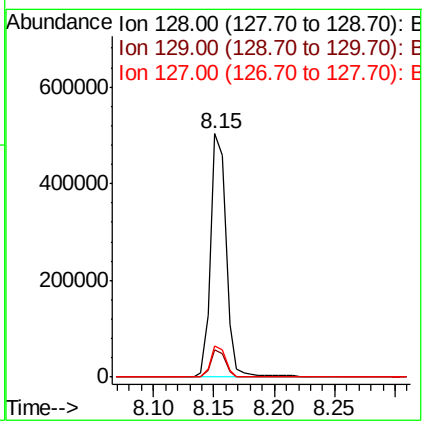


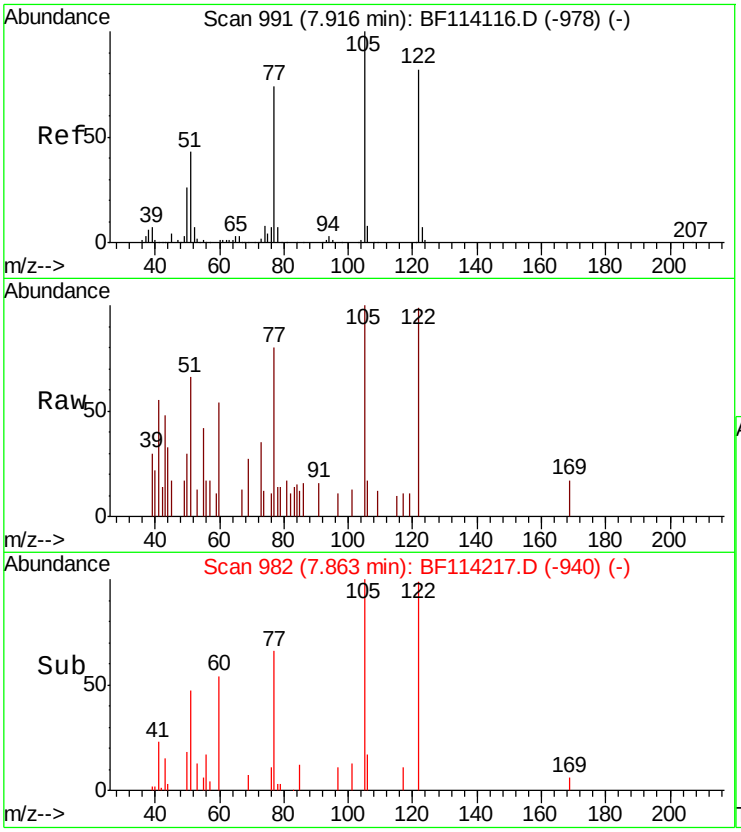


#31
Naphthalene
Concen: 9.499 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:128 Resp: 443806

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.0	11.3	16.9



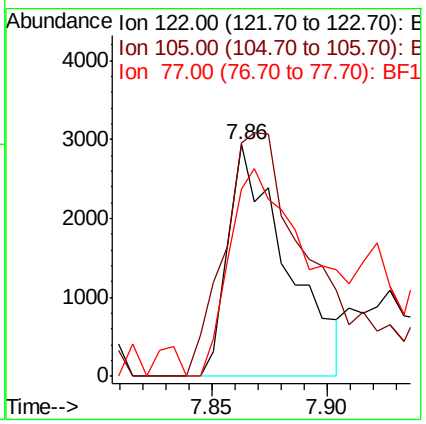


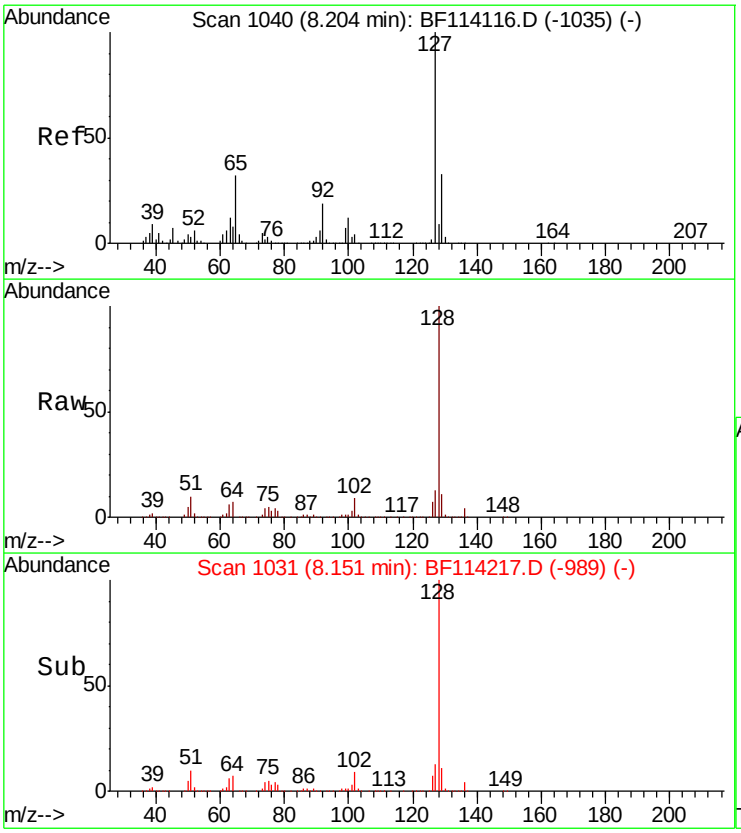
#32
Benzoic acid
Concen: 7.470 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:122 Resp: 5192

Ion	Ratio	Lower	Upper
122	100		
105	100.7	99.9	139.9
77	80.8	69.4	109.4

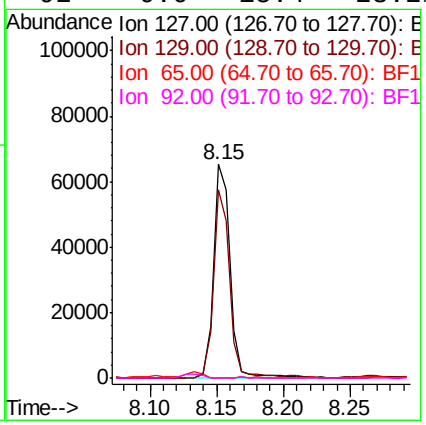


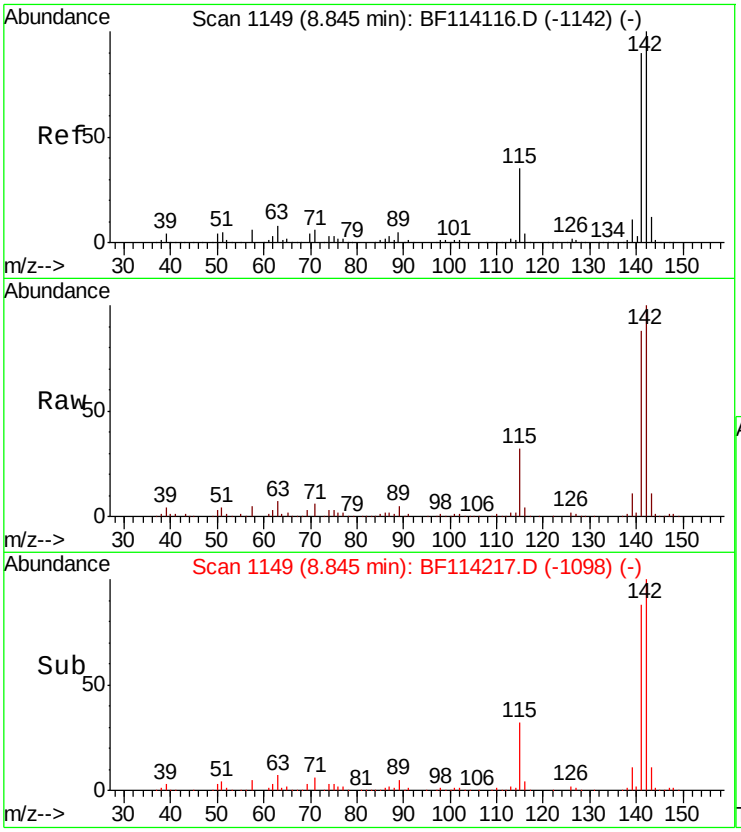


#33
4-Chloroaniline
Concen: 2.692 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:127 Resp: 57316

Ion	Ratio	Lower	Upper
127	100		
129	87.9	26.7	40.1#
65	0.0	25.4	38.0#
92	0.0	15.4	23.2#



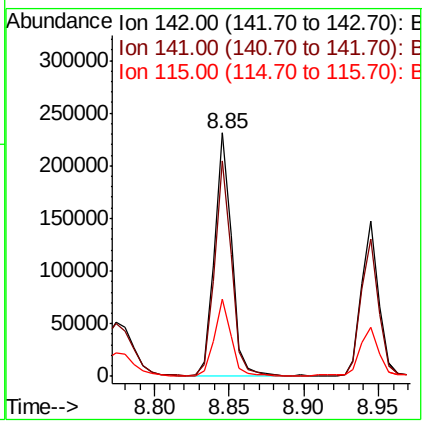


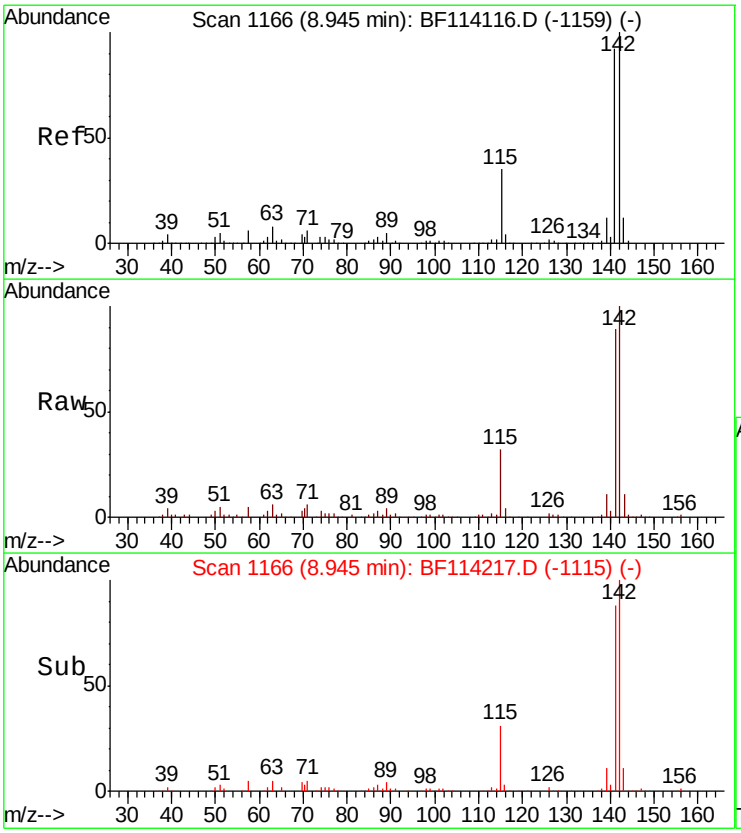
#37
2-Methylnaphthalene
Concen: 6.126 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:142 Resp: 184655

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	31.8	28.0	42.0

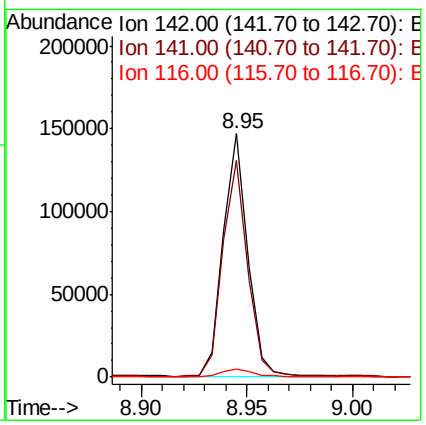


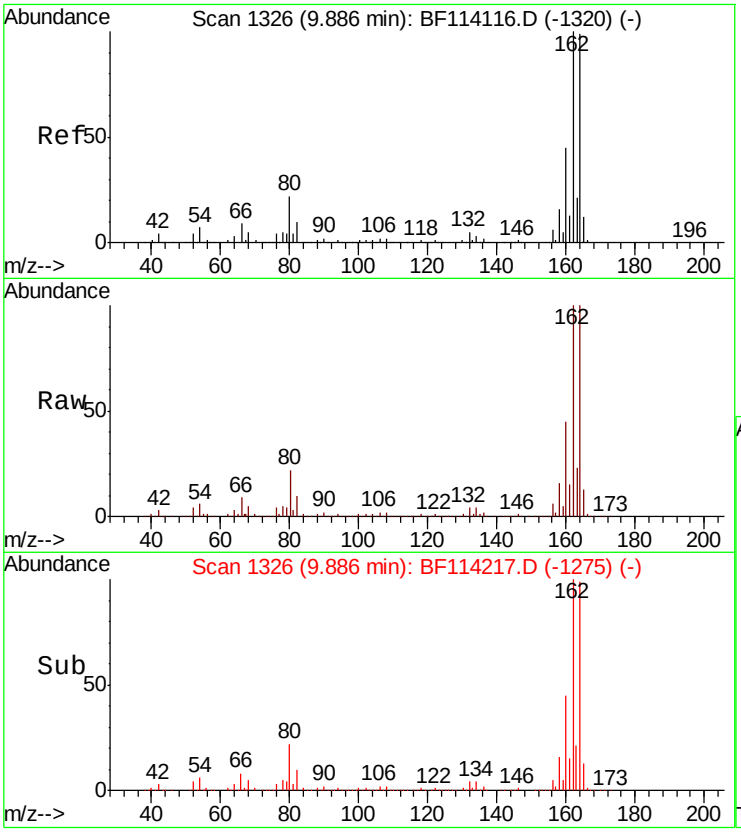


#38
1-Methylnaphthalene
Concen: 4.131 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:142 Resp: 117271

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.4	110.0
116	3.5	3.1	4.7



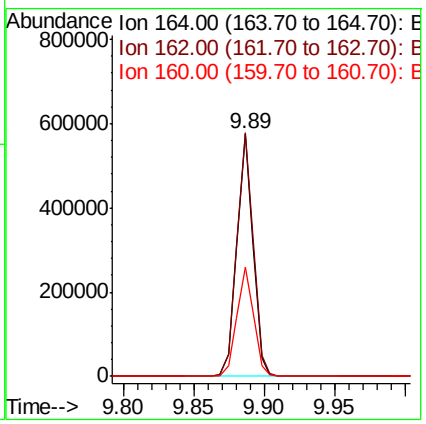


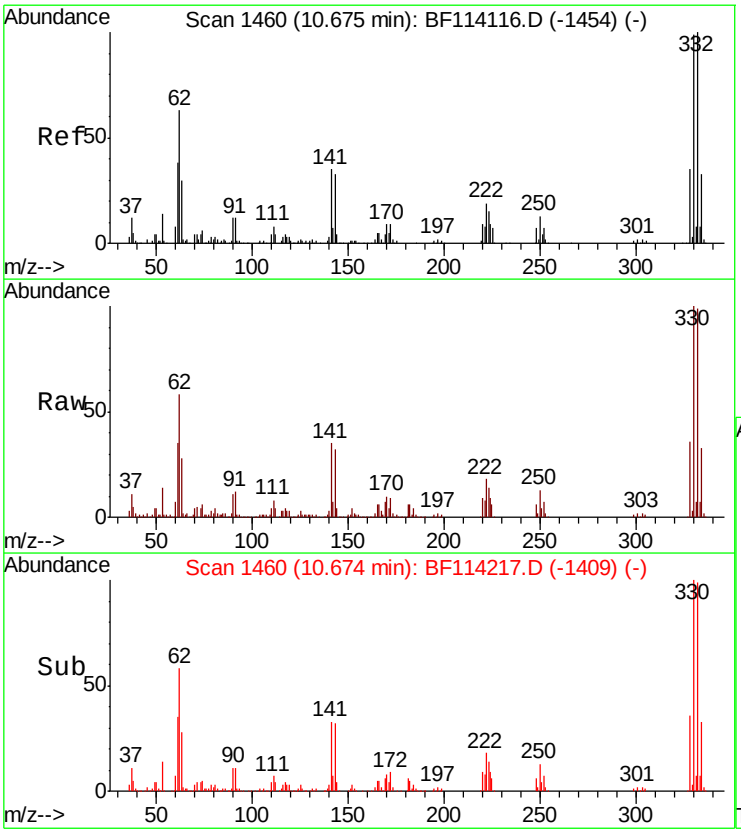
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:164 Resp: 459238

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	45.3	36.5	54.7

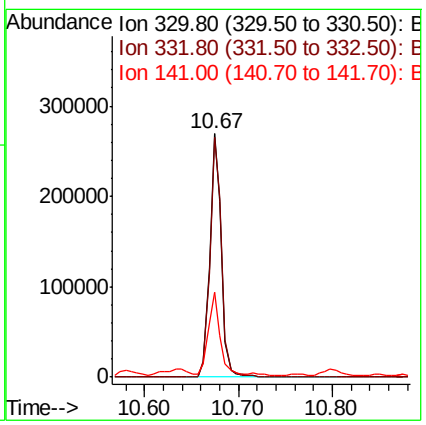


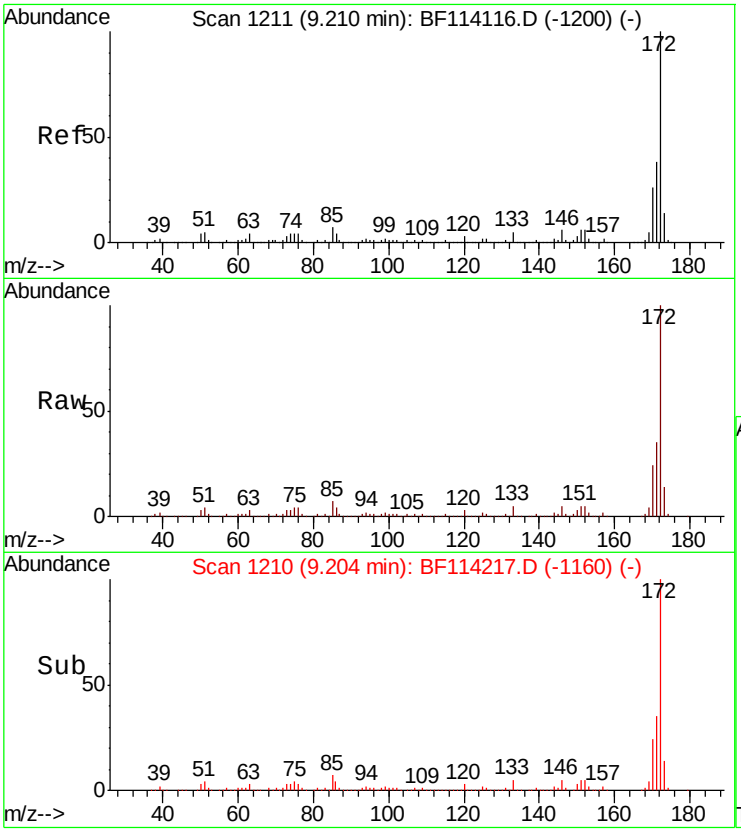


#42
2,4,6-Tribromophenol
Concen: 49.426 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:330 Resp: 234661

Ion	Ratio	Lower	Upper
330	100		
332	99.8	81.4	122.2
141	33.3	26.6	40.0



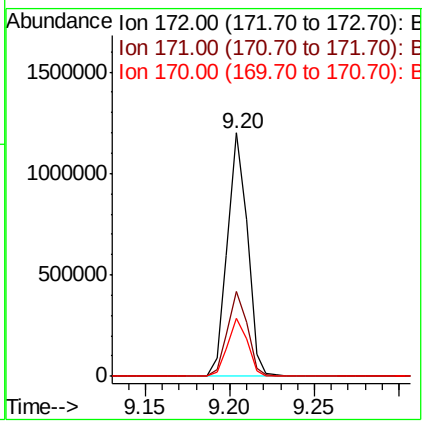


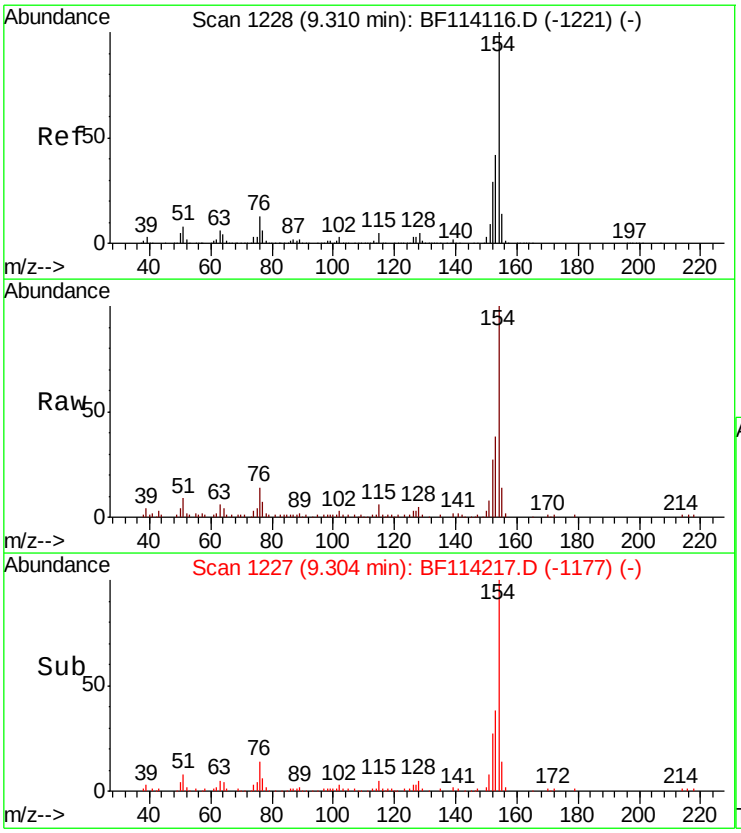
#45
2-Fluorobiphenyl
Concen: 32.575 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:172 Resp: 988966

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.7	46.1
170	23.6	20.5	30.7

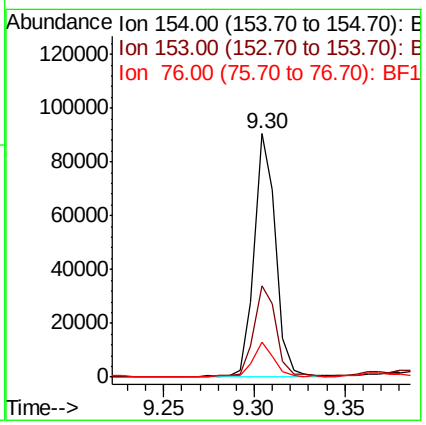


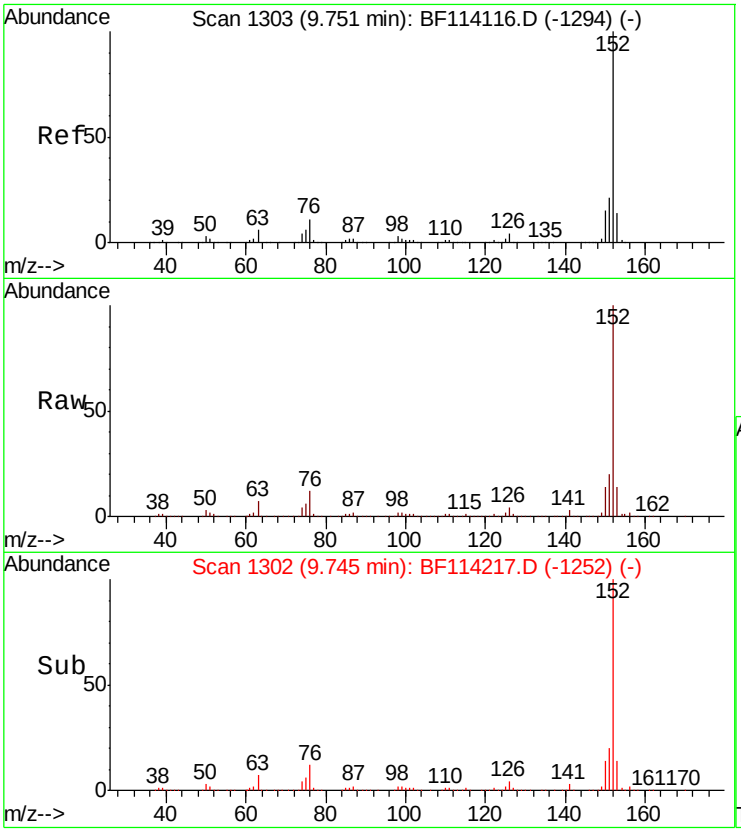


#46
1,1'-Biphenyl
Concen: 2.017 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:154 Resp: 74846

Ion	Ratio	Lower	Upper
154	100		
153	37.6	21.9	61.9
76	14.4	0.0	32.8



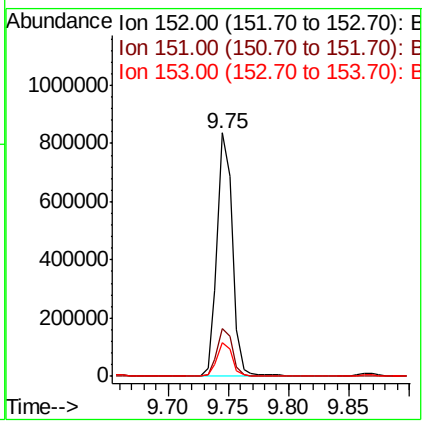


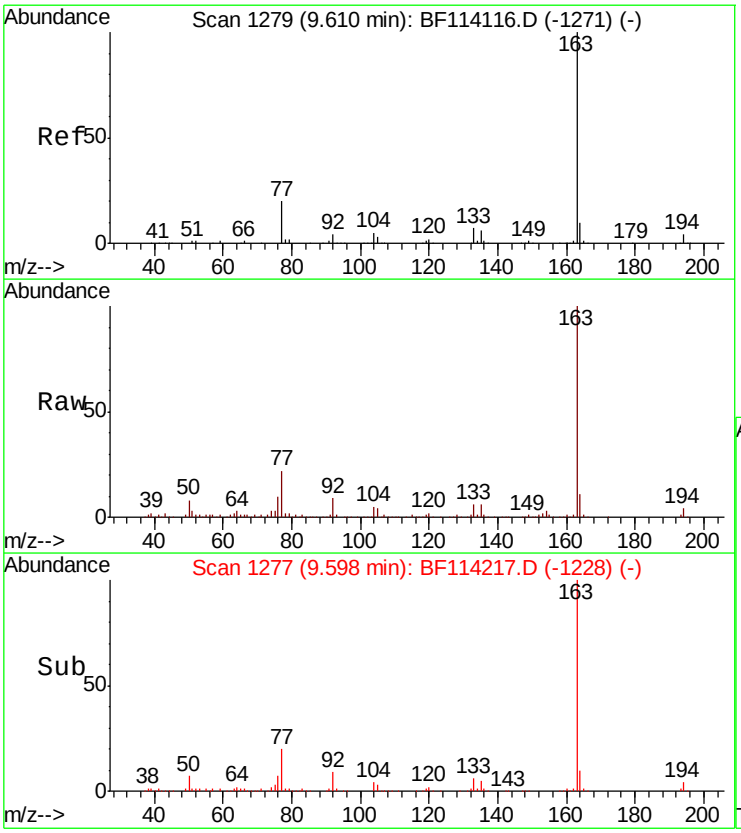
#49
Acenaphthylene
Concen: 16.112 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:152 Resp: 731692

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.7	11.4	17.2

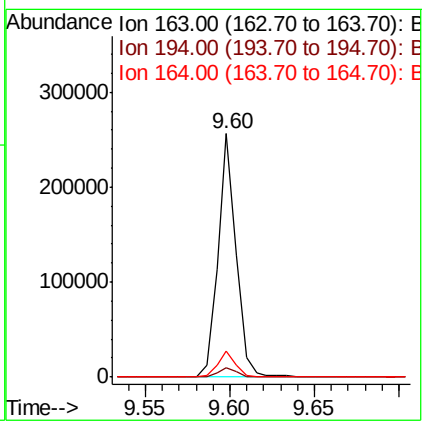


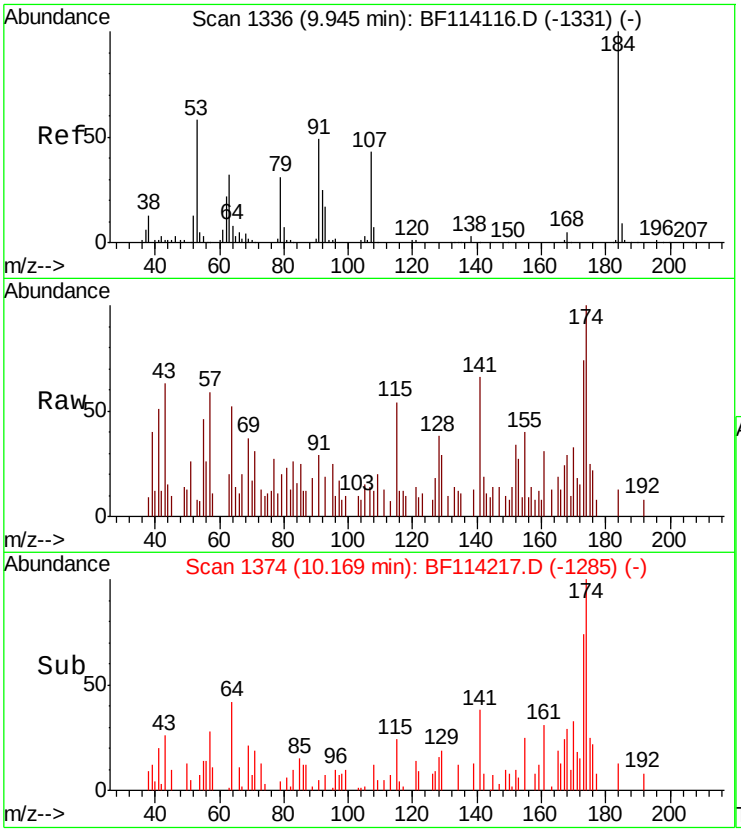


#50
Dimethylphthalate
Concen: 5.648 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:163 Resp: 190403

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.2	12.2



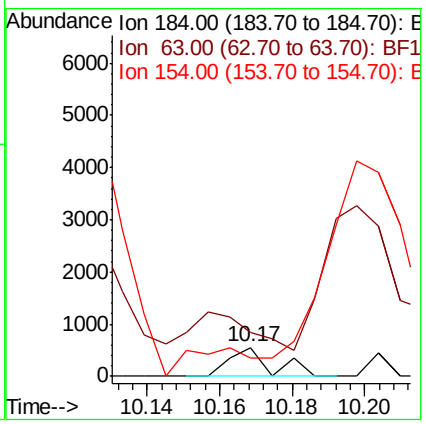


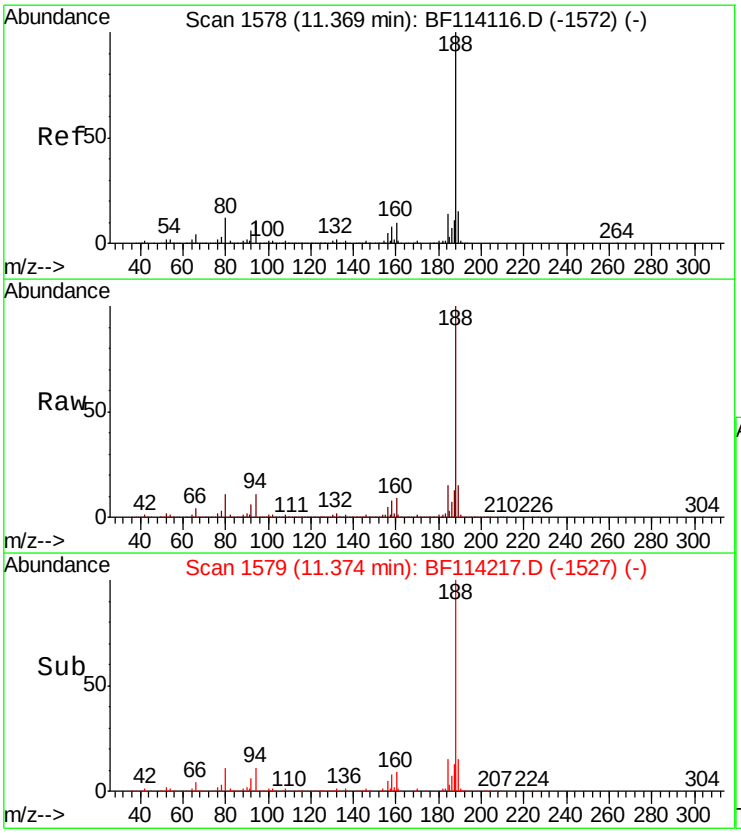
#54
2,4-Dinitrophenol
Concen: 6.852 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.22 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:184 Resp: 440

Ion	Ratio	Lower	Upper
184	100		
63	152.5	55.6	83.4#
154	65.4	46.0	69.0

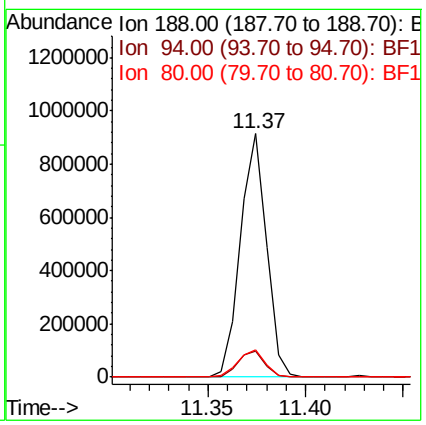


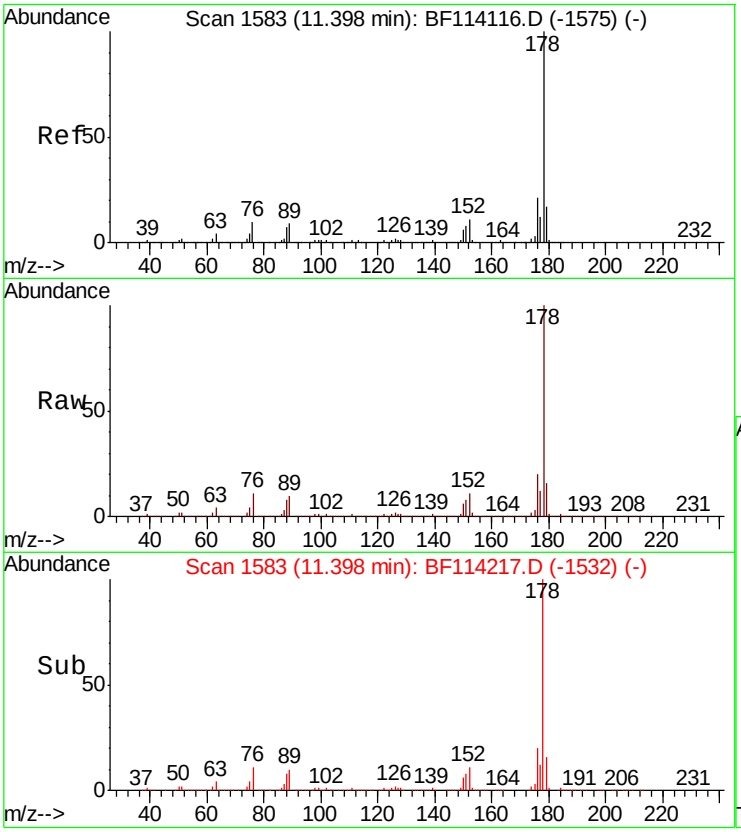


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:188 Resp: 847137

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.3	9.2	13.8



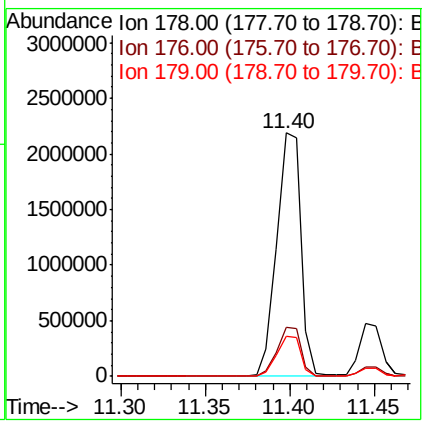


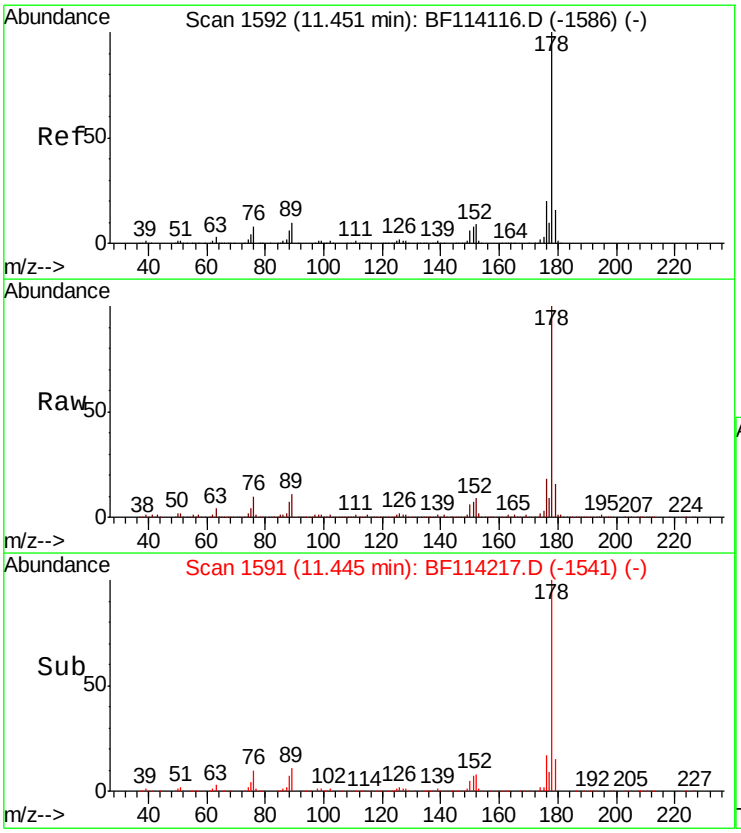
#71
Phenanthrene
Concen: 52.973 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:178 Resp: 2183264

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.4	13.2	19.8

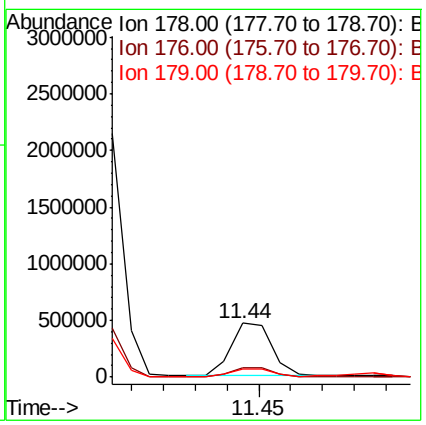


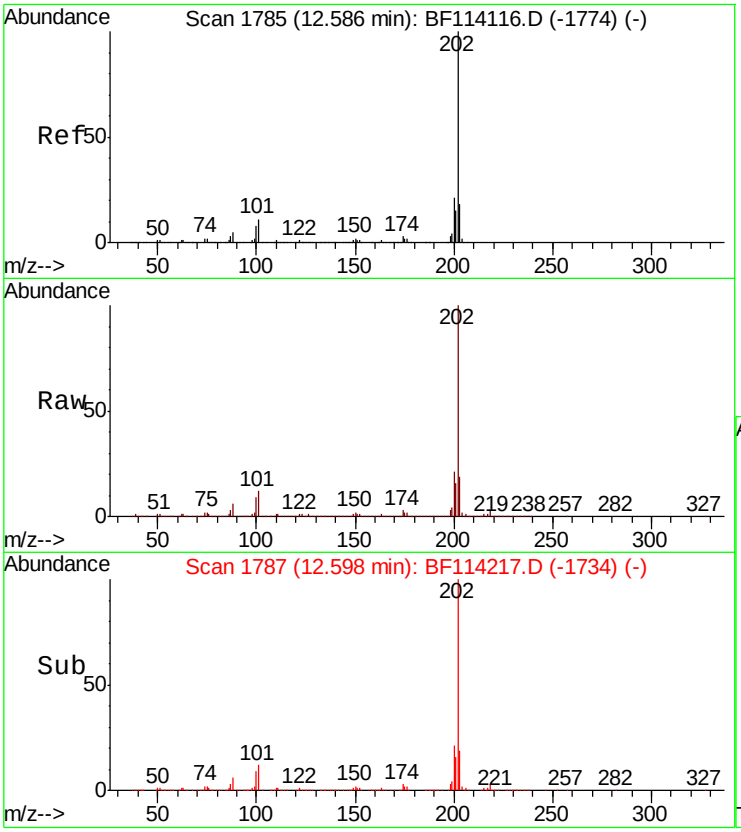


#72
Anthracene
Concen: 10.197 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:178 Resp: 422115

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	15.7	13.0	19.4



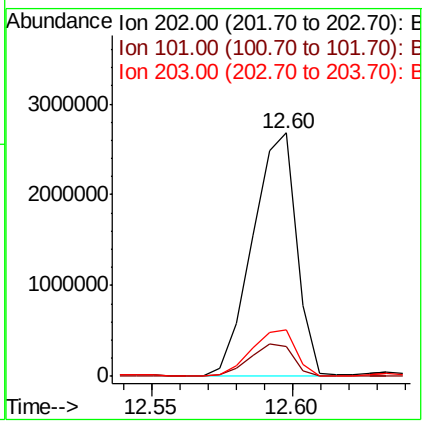


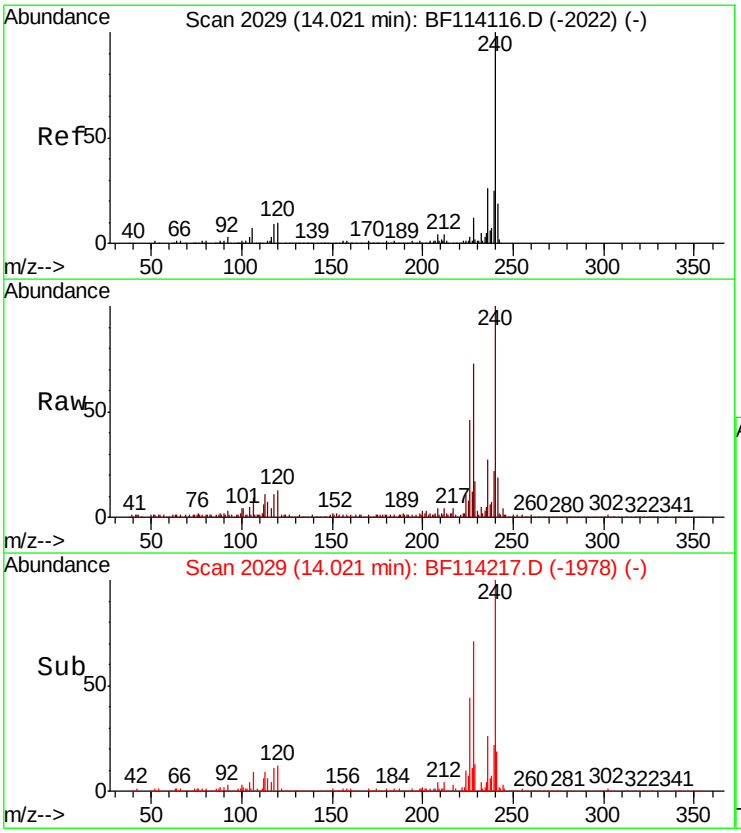
#75
Fluoranthene
Concen: 65.139 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:202 Resp: 2891051

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	19.0	0.0	38.4

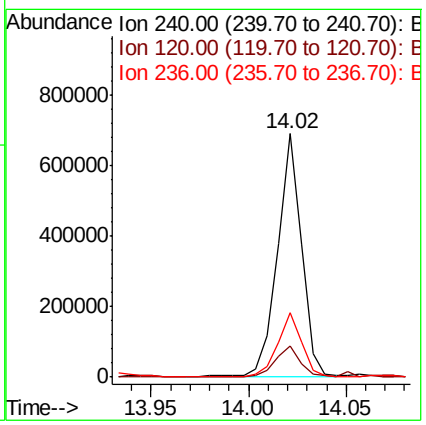


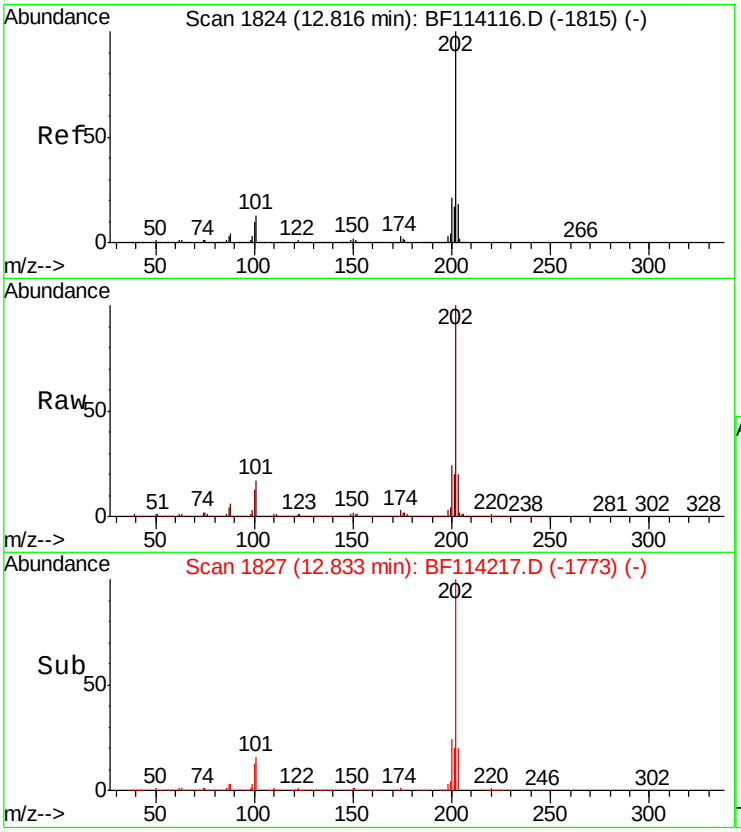


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:240 Resp: 585191

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	26.6	20.8	31.2



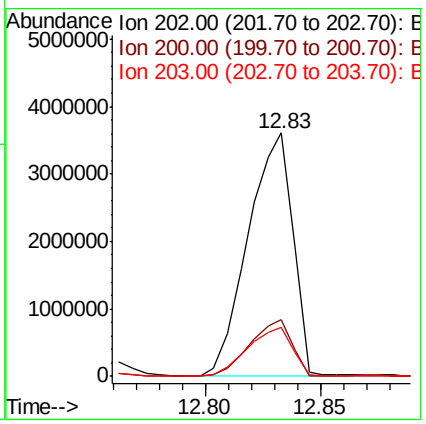


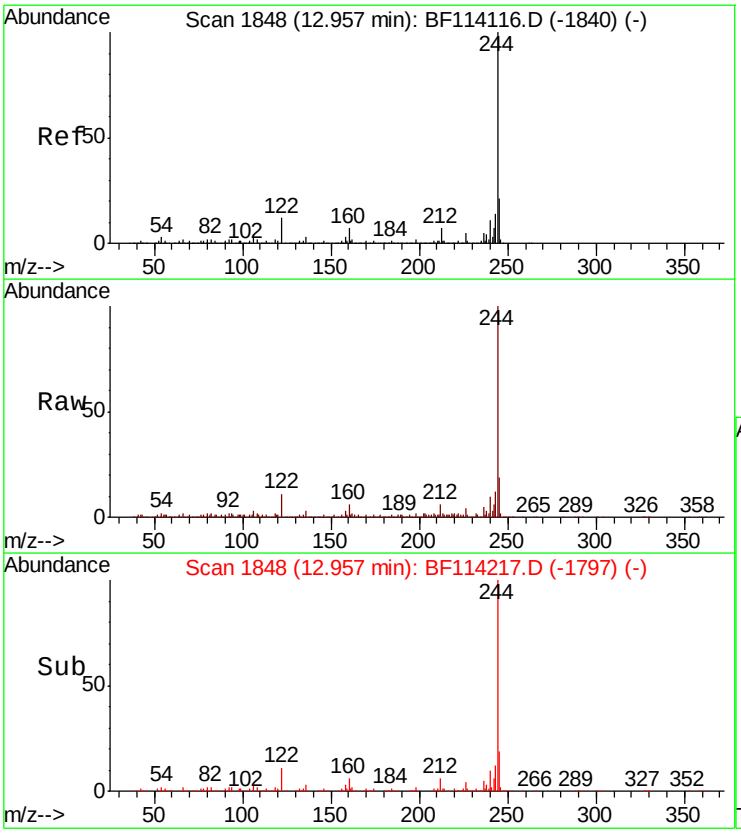
#78
Pyrene
Concen: 102.689 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:202 Resp: 4834156

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	20.0	14.5	21.7

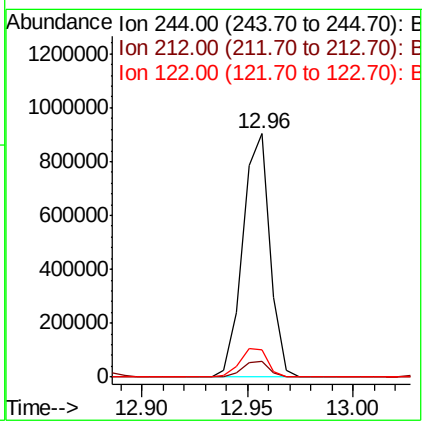


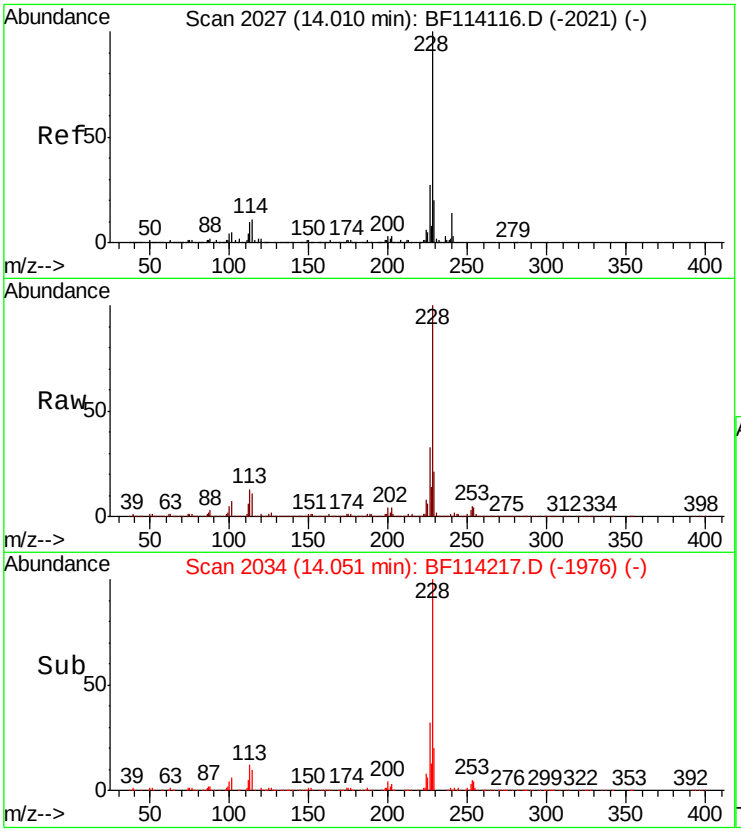


#79
Terphenyl-d14
Concen: 28.213 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:244 Resp: 800903

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.1	9.4	14.2



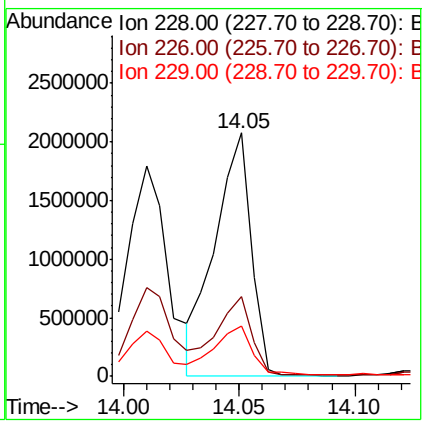


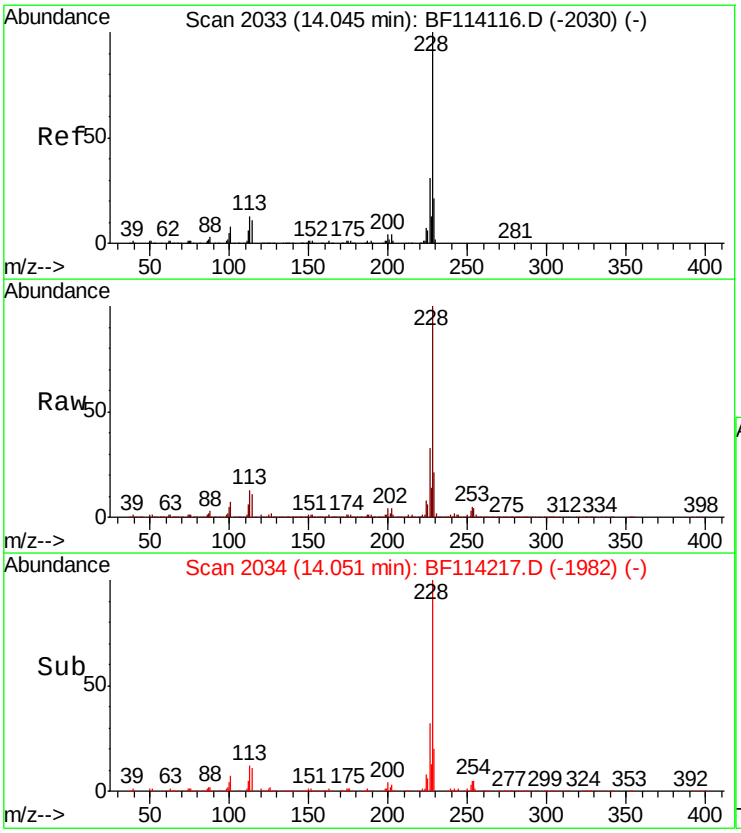
#81
Benzo(a)anthracene
Concen: 59.560 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:228 Resp: 2254342

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.2	33.2
229	20.8	16.4	24.6

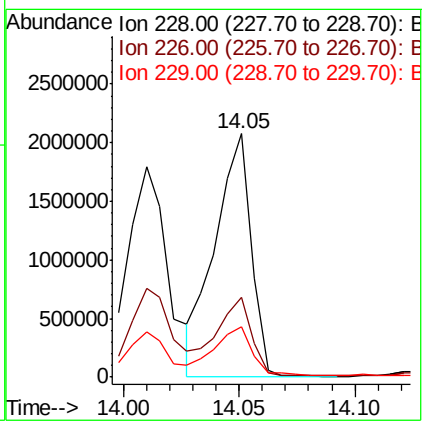


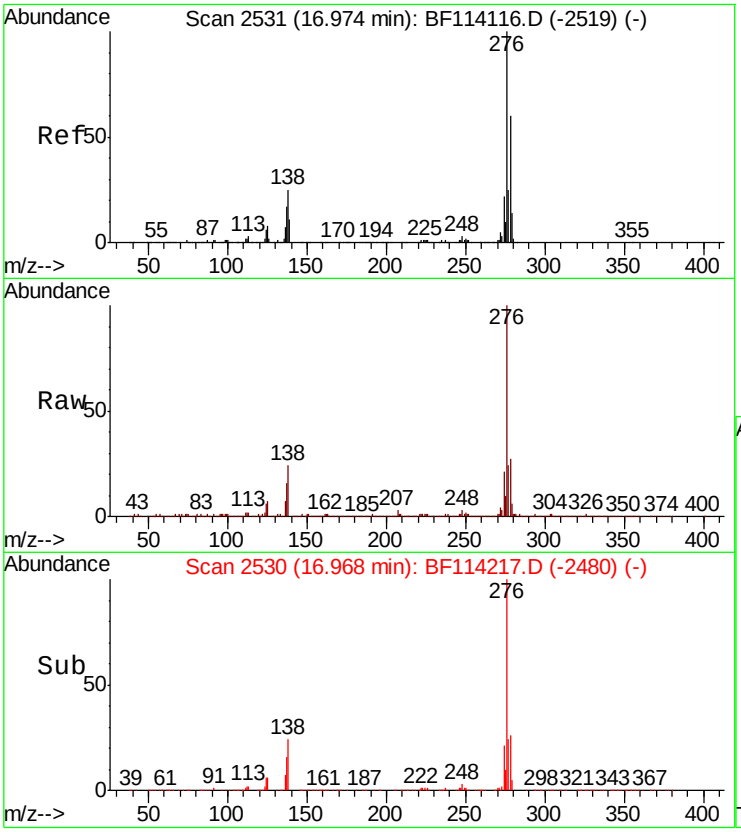


#83
Chrysene
Concen: 60.758 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:228 Resp: 2254342

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	20.8	17.0	25.6



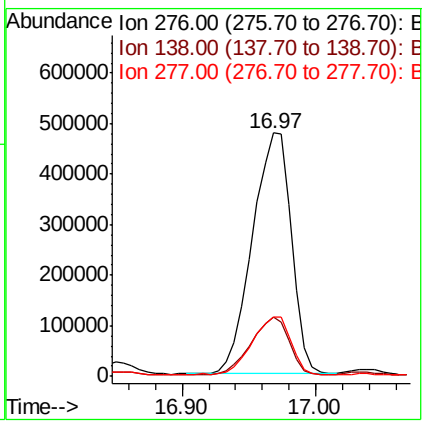


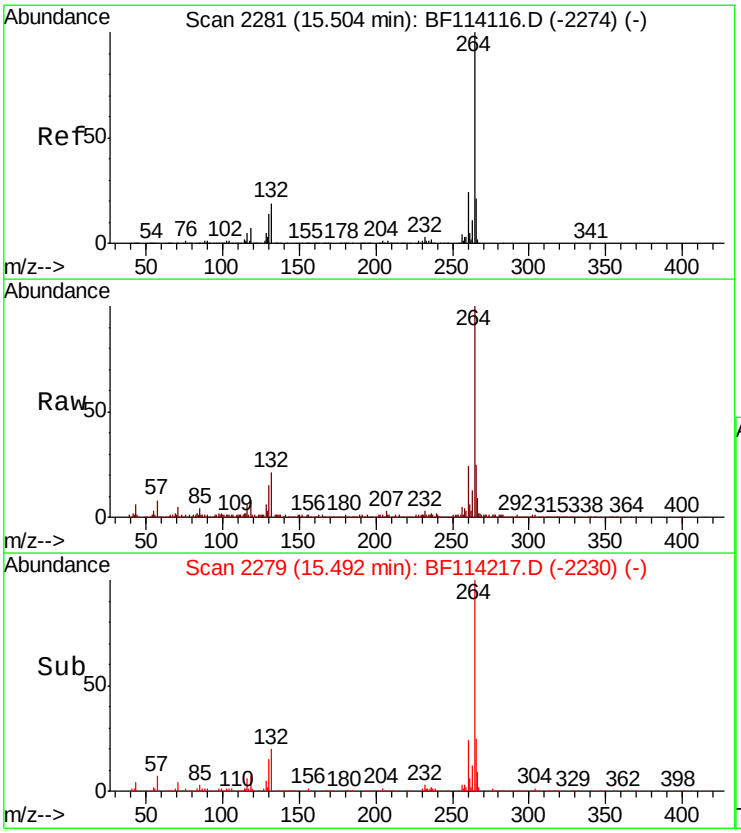
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.483 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:276 Resp: 966800

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.2	30.2
277	24.4	20.0	30.0

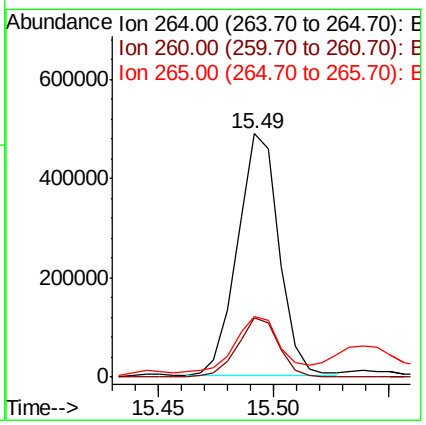


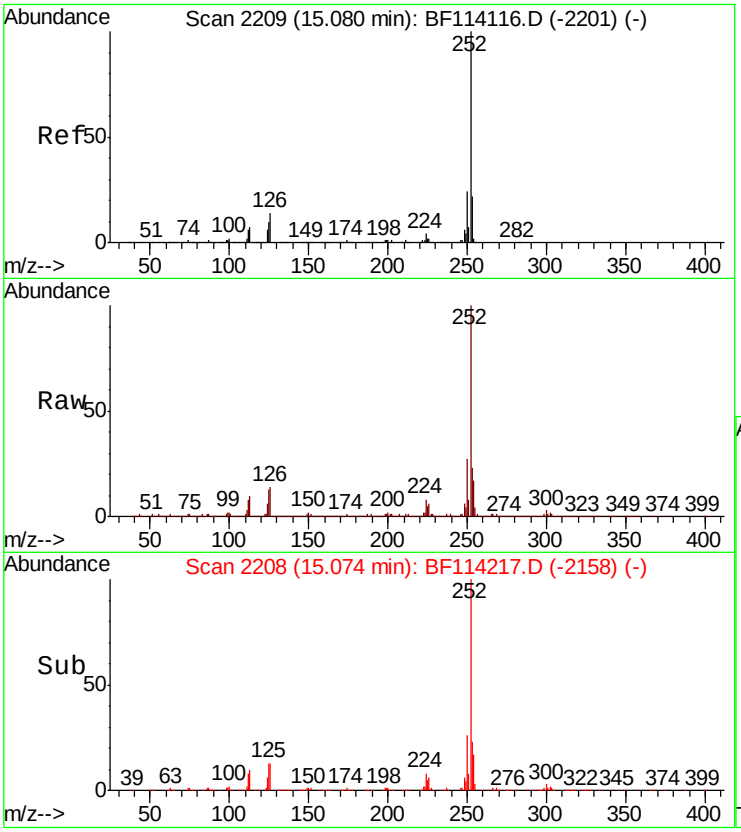


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:264 Resp: 612892

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	25.1	16.9	25.3



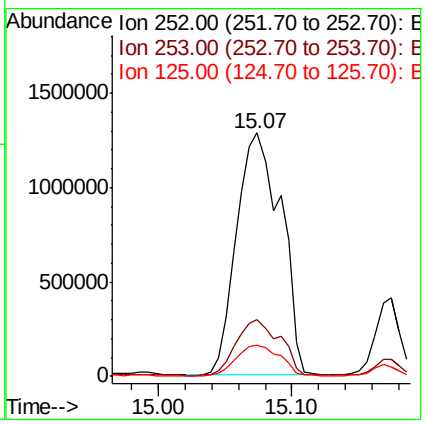


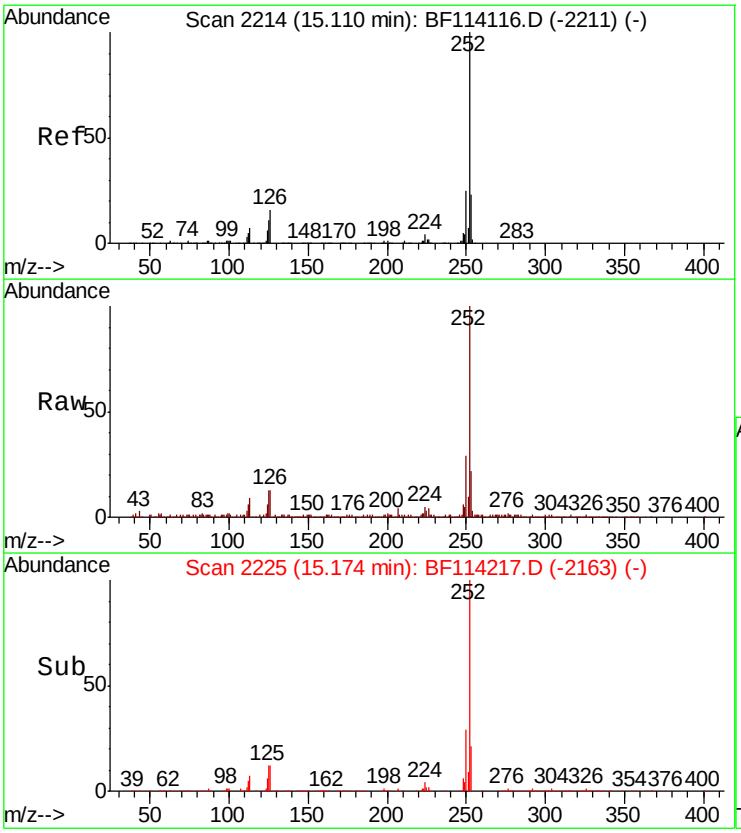
#88
Benzo(b)fluoranthene
Concen: 75.654 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:252 Resp: 2970572

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.1	8.3	12.5#

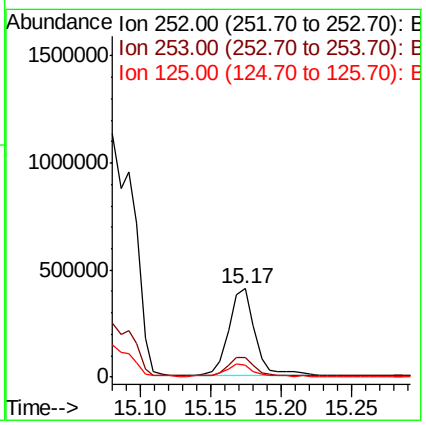


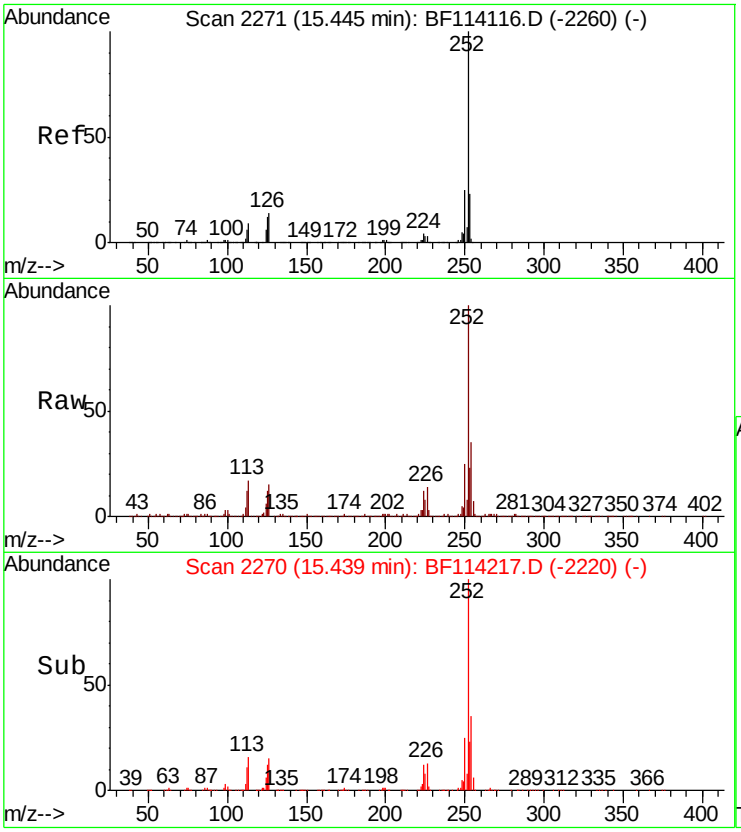


#89
Benzo(k)fluoranthene
Concen: 14.761 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.06 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:252 Resp: 532411

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.8	8.6	13.0



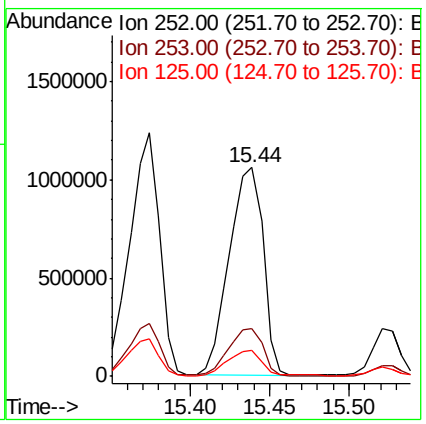


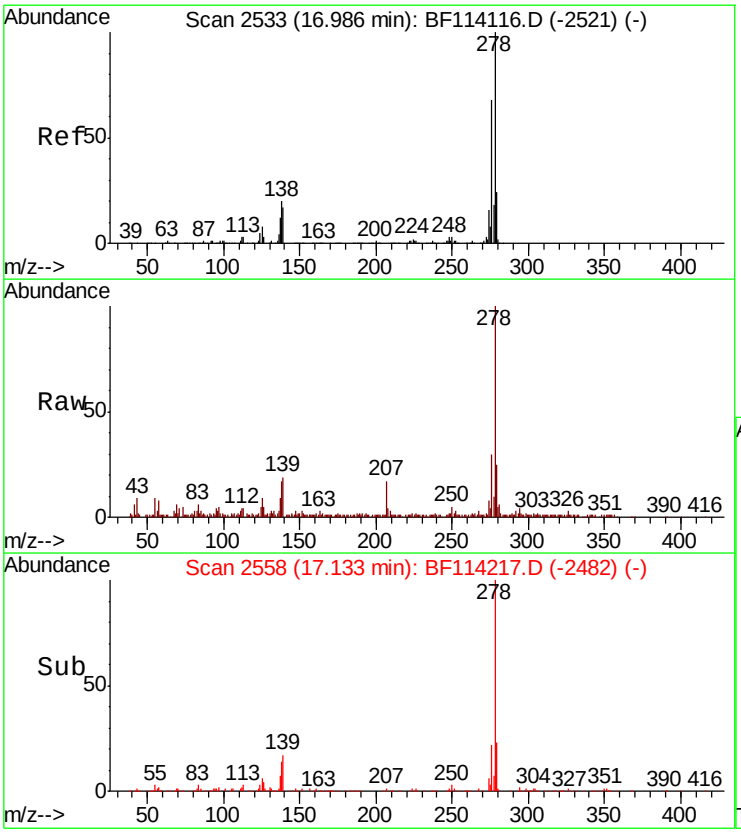
#90
Benzo(a)pyrene
Concen: 45.579 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:252 Resp: 1575077

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.3	9.5	14.3

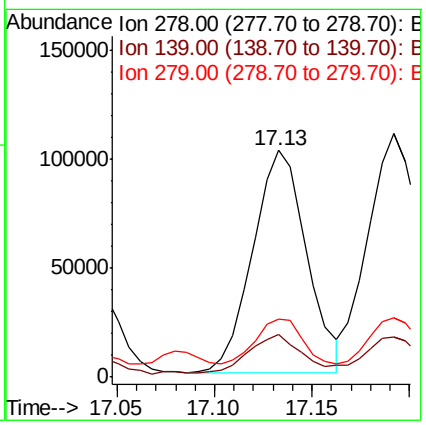


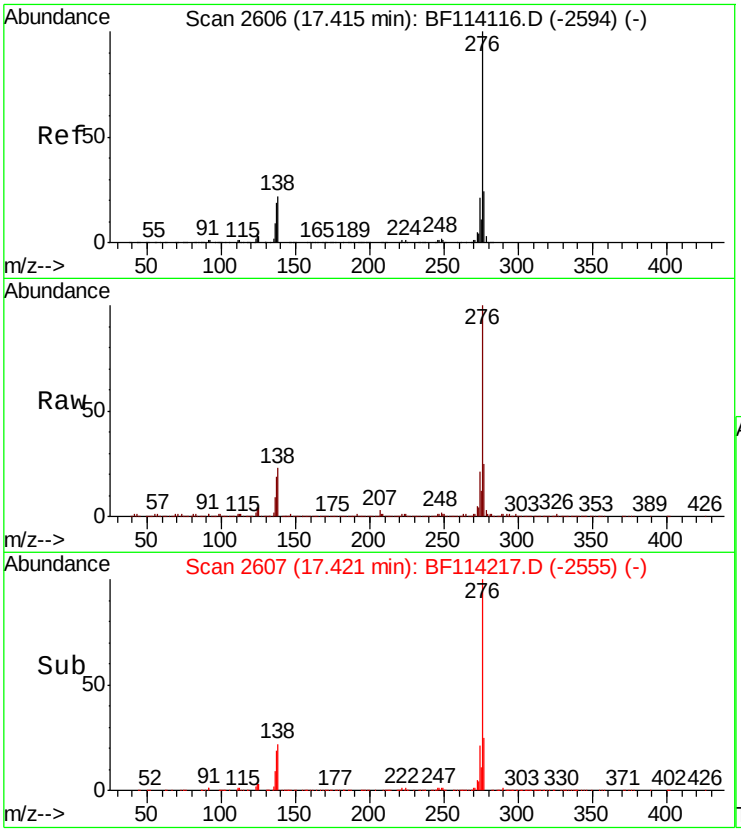


#91
Dibenzo(a,h)anthracene
Concen: 6.773 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.15 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Tgt Ion:278 Resp: 194476

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.5	20.3
279	25.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 38.365 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF114217.D
Acq: 13 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:276 Resp: 1104010

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	23.1	17.8	26.6