Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
Data File : BF114352.D
Acq On : 17 May 2019 16:20
Operator : JU/SJ
Sample : K2871-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 18 05:02:24 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	200862	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	776562	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	363107	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	646503	20.00	ng		0.00
76) Chrysene-d12	14.03	240	436655	20.00	ng		0.01
87) Perylene-d12	15.54	264	461533	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1140486	91.37	ng		0.00
7) Phenol-d6	6.49	99	1560622	105.72	ng		0.00
23) Nitrobenzene-d5	7.41	82	911166	65.85	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	316984	84.44	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1368784	57.02	ng		0.00
79) Terphenyl-d14	12.96	244	1073353	50.67	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.41	82	911166	35.505	ng	#	65
32) Benzoic acid	7.92	122	2287	7.276	ng	#	28
50) Dimethylphthalate	9.59	163	215977	8.103	ng	#	95
52) Acenaphthene	9.92	154	47827	2.171	ng		90
54) 2,4-Dinitrophenol	9.92	184	401	6.869	ng	#	1
56) 4-Nitrophenol	9.99	139	12823	2.471	ng	#	4
58) Fluorene	10.43	166	78115	3.130	ng	#	92
66) n-Nitrosodiphenylamine	10.54	169	110845	5.649	ng	#	49
71) Phenanthrene	11.40	178	364526	11.589	ng		98
72) Anthracene	11.40	178	364526	11.539	ng		98
75) Fluoranthene	12.59	202	442685	13.070	ng		99
78) Pyrene	12.82	202	441140	12.559	ng		97
81) Benzo(a)anthracene	14.02	228	160118	5.669	ng	#	87
83) Chrysene	14.06	228	204004	7.369	ng	#	89
88) Benzo(b)fluoranthene	15.11	252	194092	6.564	ng	#	64
89) Benzo(k)fluoranthene	15.11	252	194092	7.146	ng	#	65
90) Benzo(a)pyrene	15.48	252	98457	3.784	ng	#	60

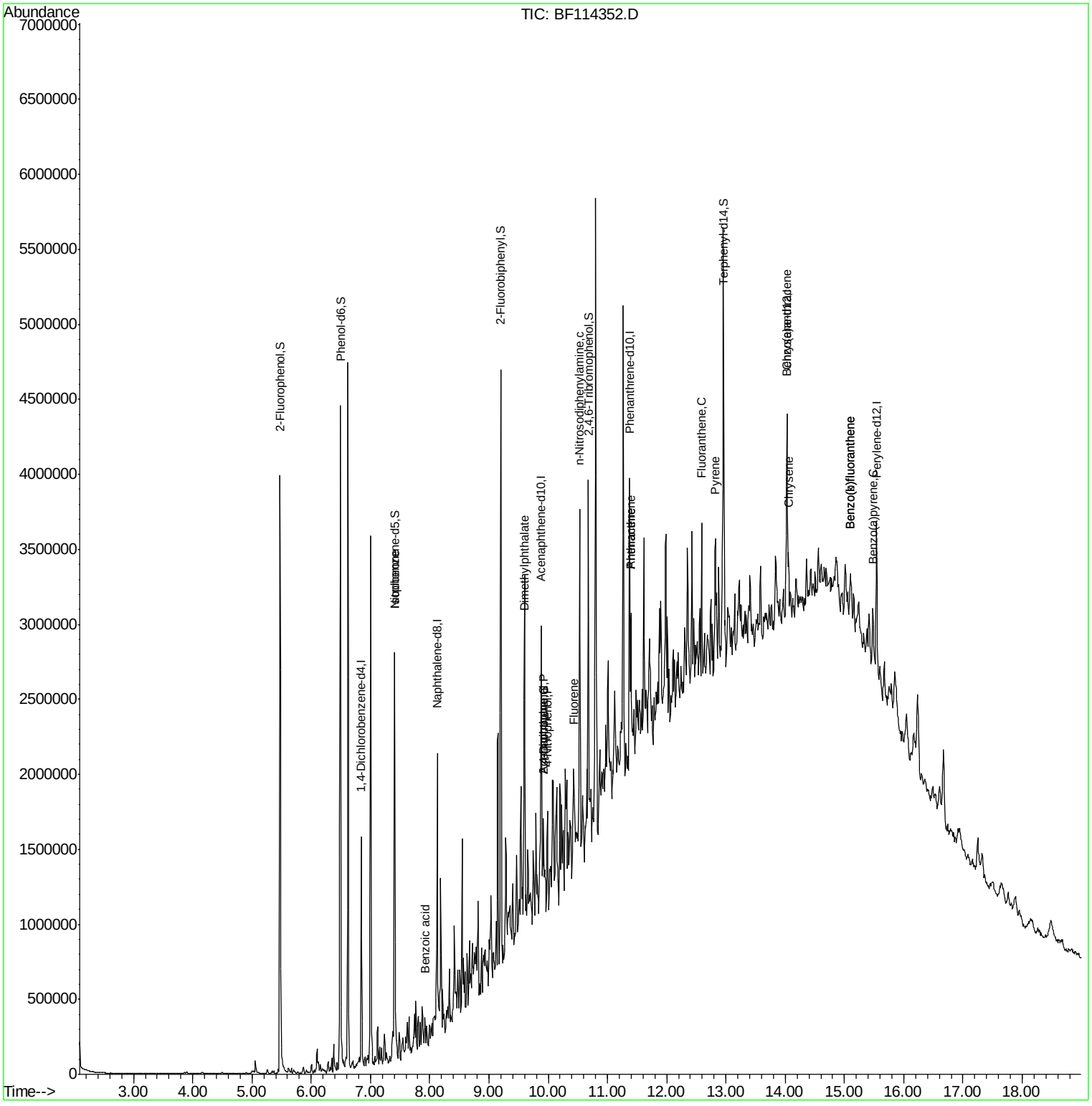
(#) = qualifier out of range (m) = manual integration (+) = signals summed

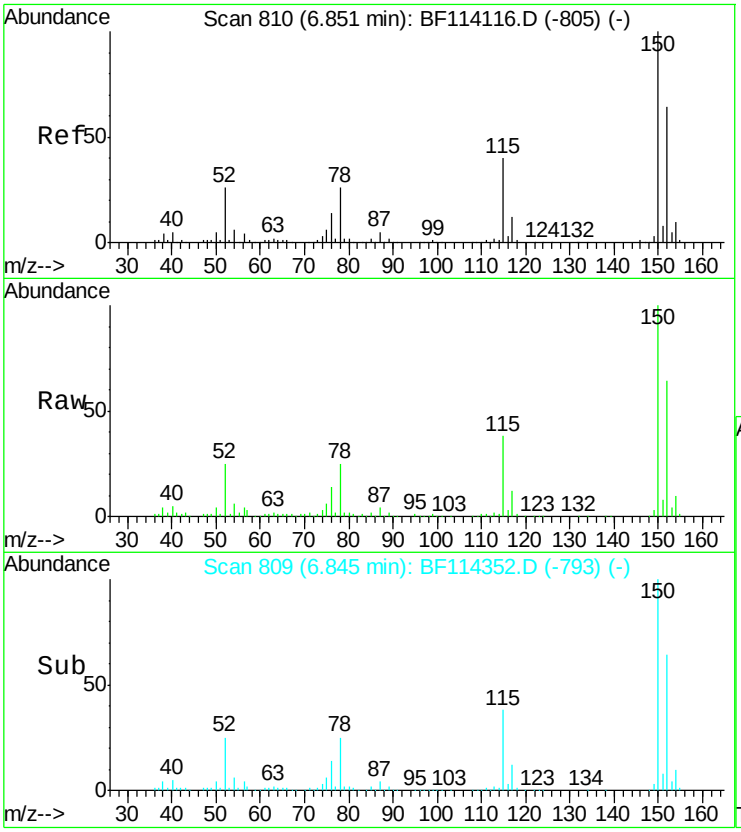
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
Data File : BF114352.D
Acq On : 17 May 2019 16:20
Operator : JU/SJ
Sample : K2871-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 05:02:24 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



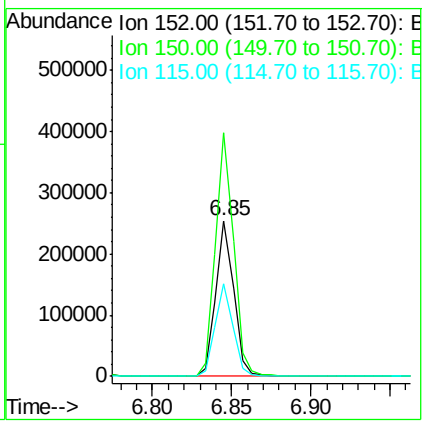


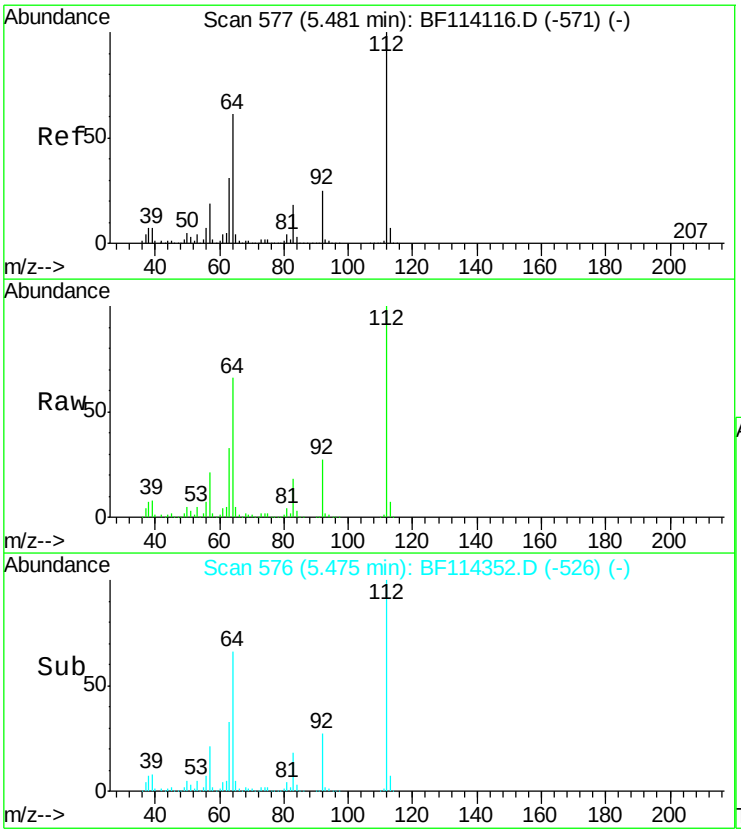
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 200862

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.3	186.5
115	59.7	49.1	73.7

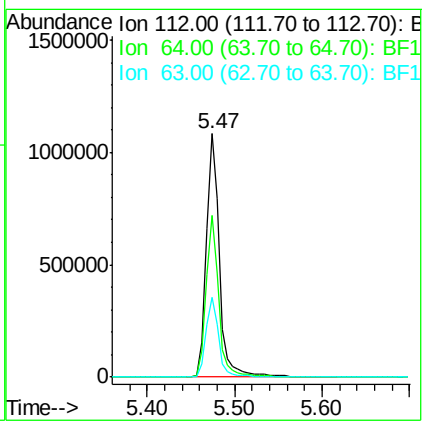


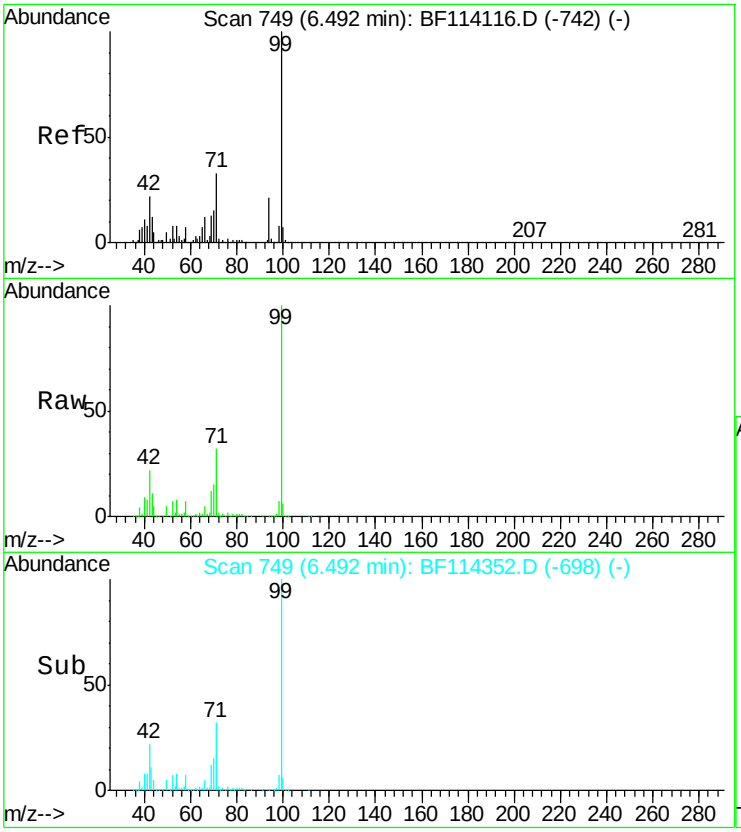


#5
2-Fluorophenol
Concen: 91.373 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:112 Resp: 1140486

Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	32.8	24.6	37.0



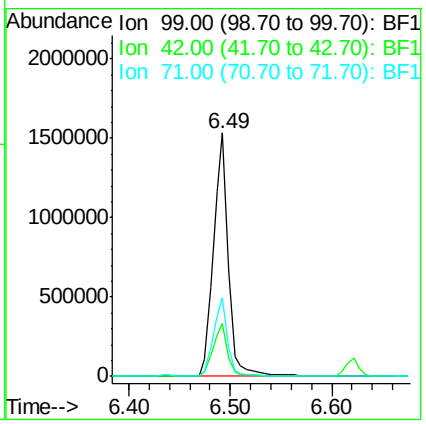


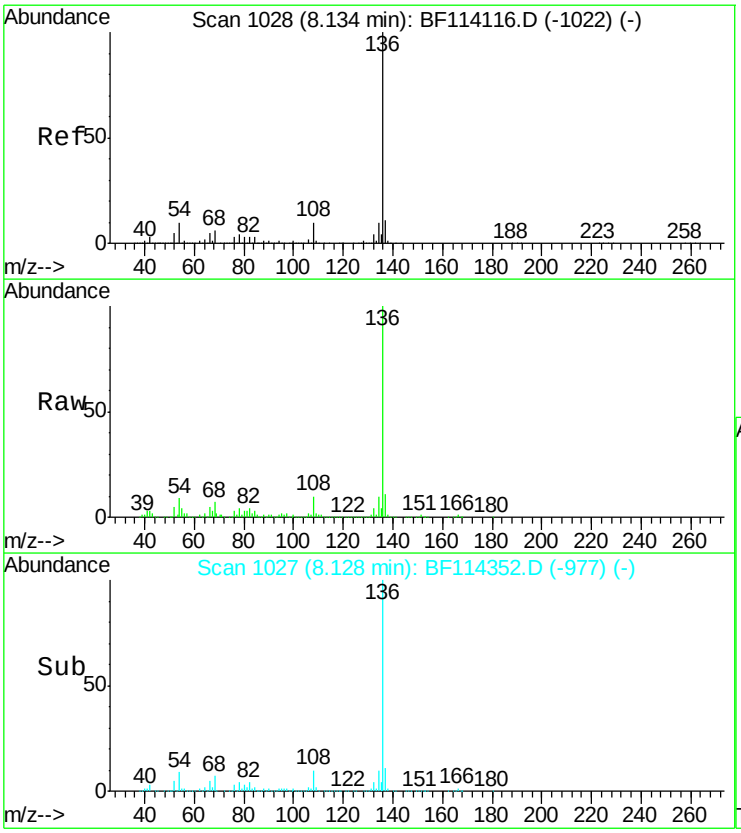
#7
Phenol-d6
Concen: 105.716 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1560622

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	32.3	26.2	39.2

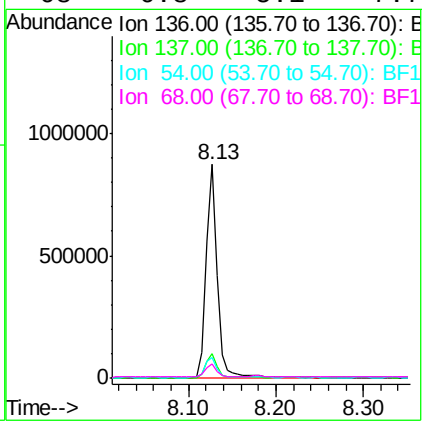


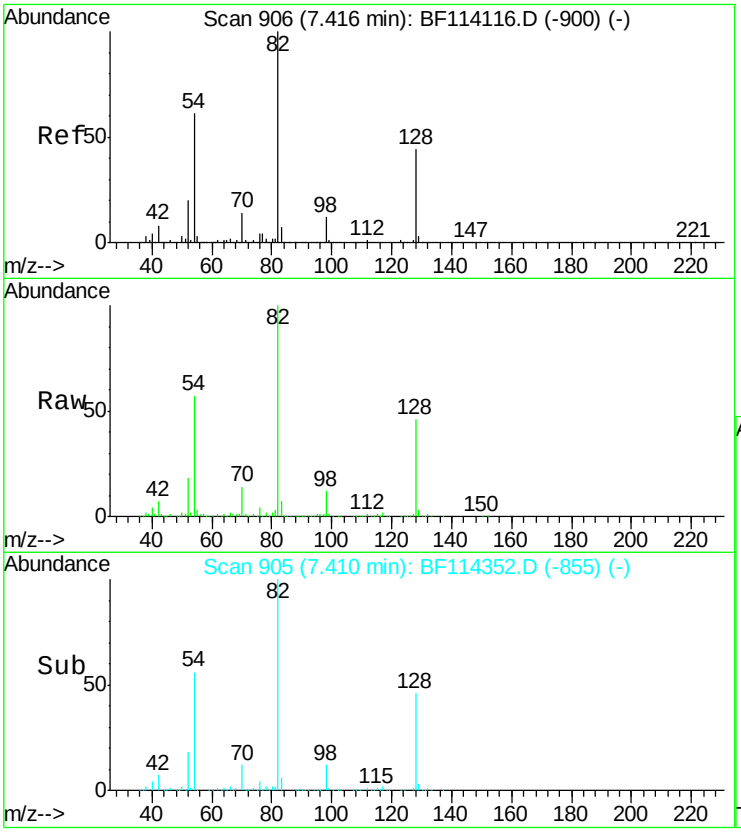


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:136 Resp: 776562

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.5	7.8	11.8
68	6.8	5.1	7.7



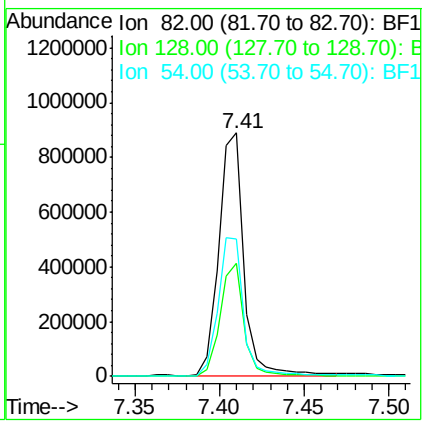


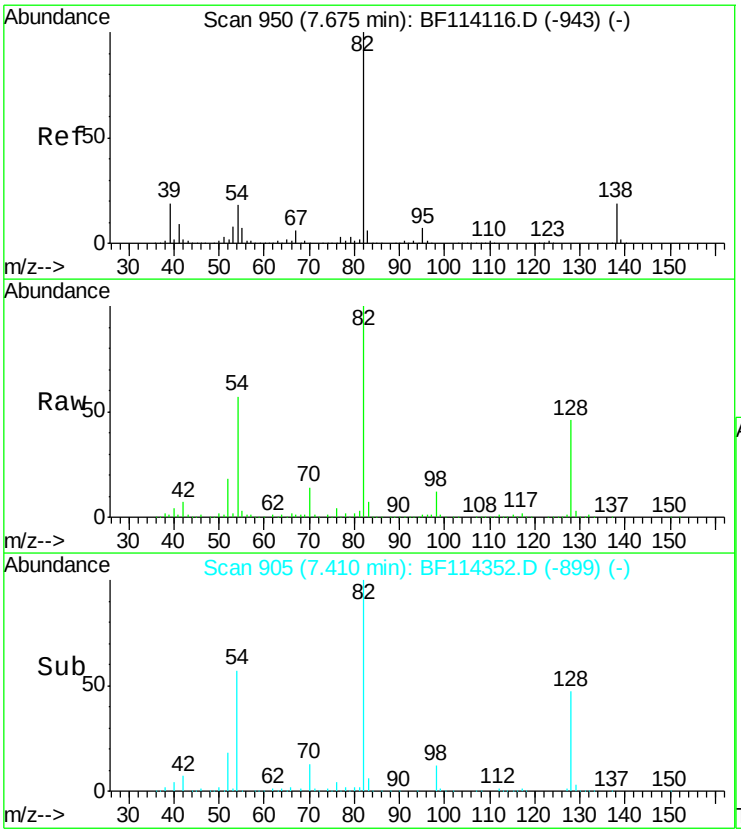
#23
Nitrobenzene-d5
Concen: 65.848 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 911166

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.5	53.3
54	56.5	48.5	72.7

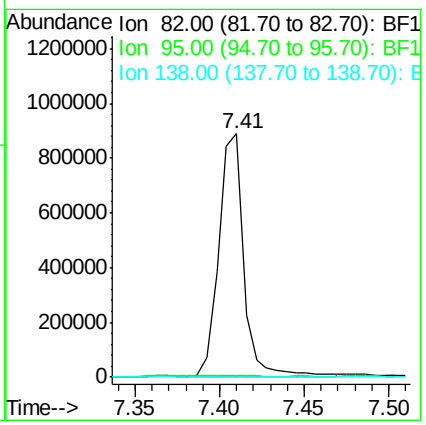


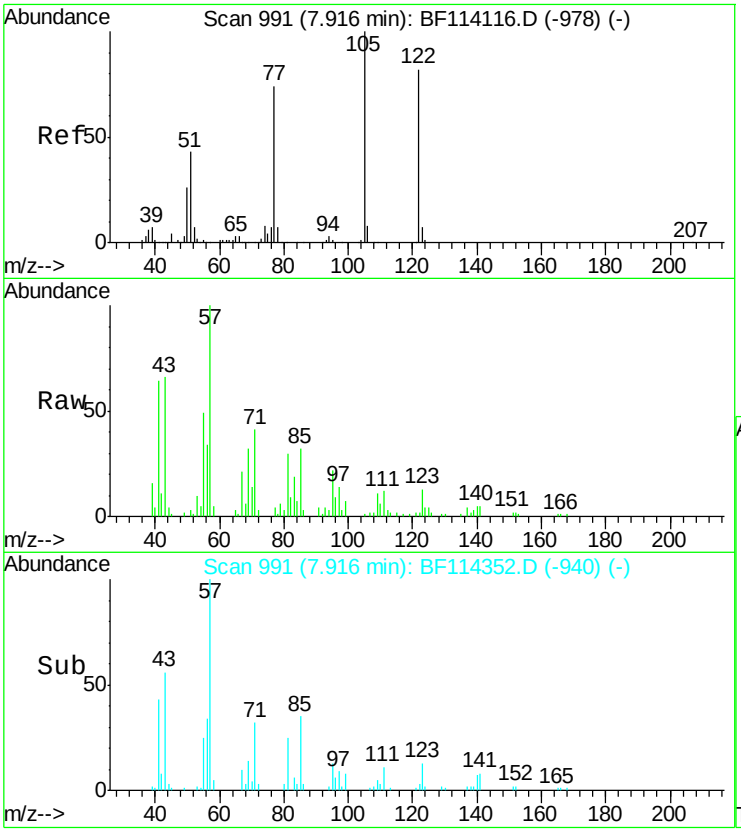


#25
Isophorone
Concen: 35.505 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion: 82 Resp: 911166

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.6	8.4#
138	0.0	14.8	22.2#



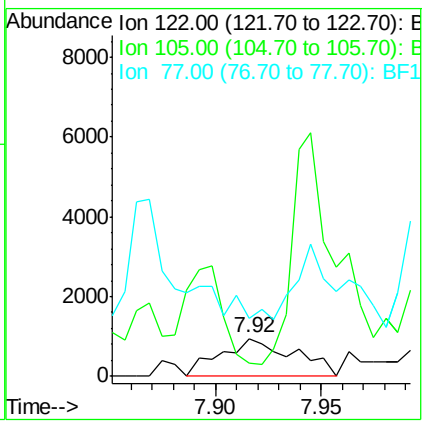


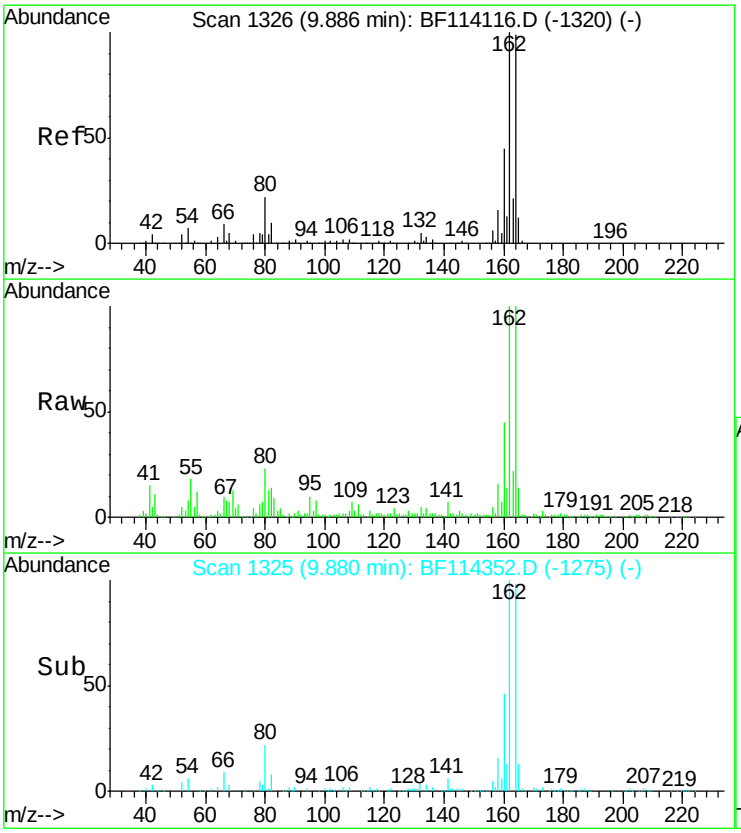
#32
Benzoic acid
Concen: 7.276 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2287

Ion	Ratio	Lower	Upper
122	100		
105	35.6	99.9	139.9#
77	151.4	69.4	109.4#

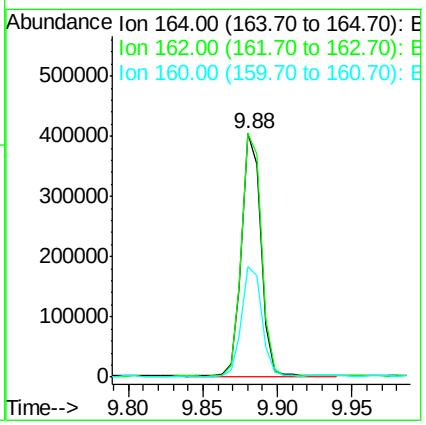


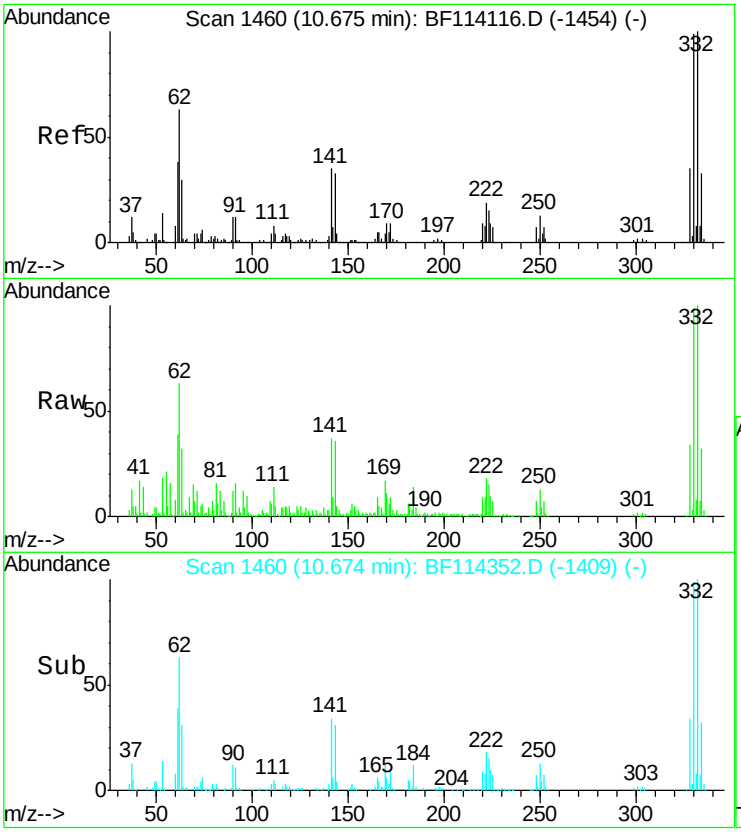


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:164 Resp: 363107

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	45.5	36.5	54.7



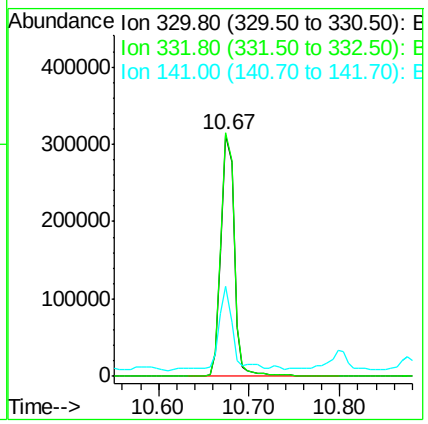


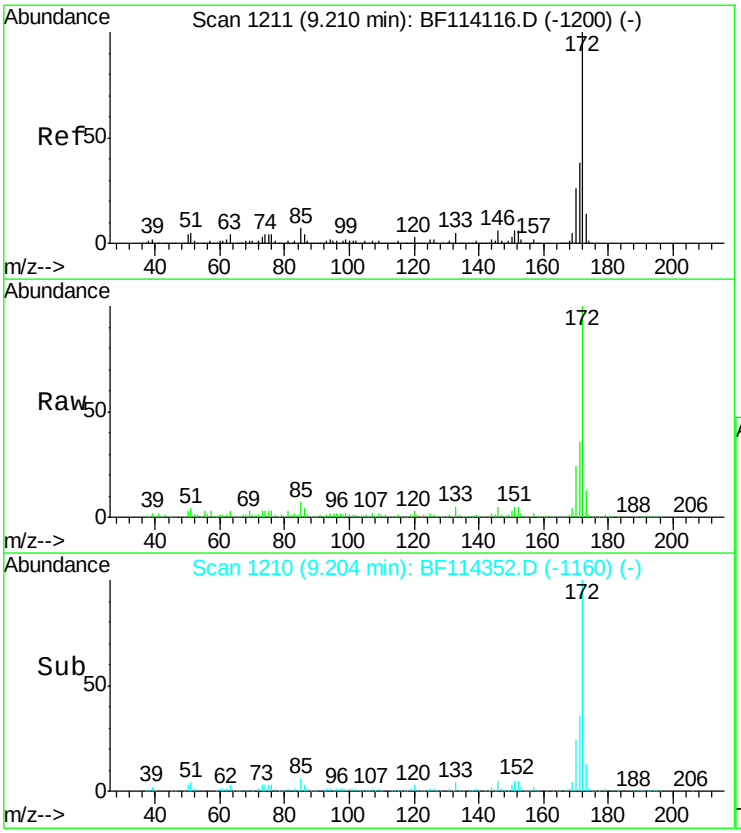
#42
2,4,6-Tribromophenol
Concen: 84.441 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 316984

Ion	Ratio	Lower	Upper
330	100		
332	101.5	81.4	122.2
141	30.8	26.6	40.0

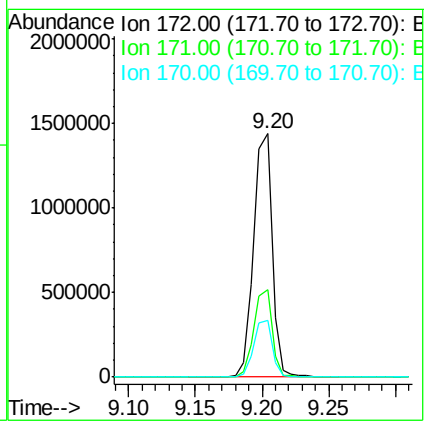


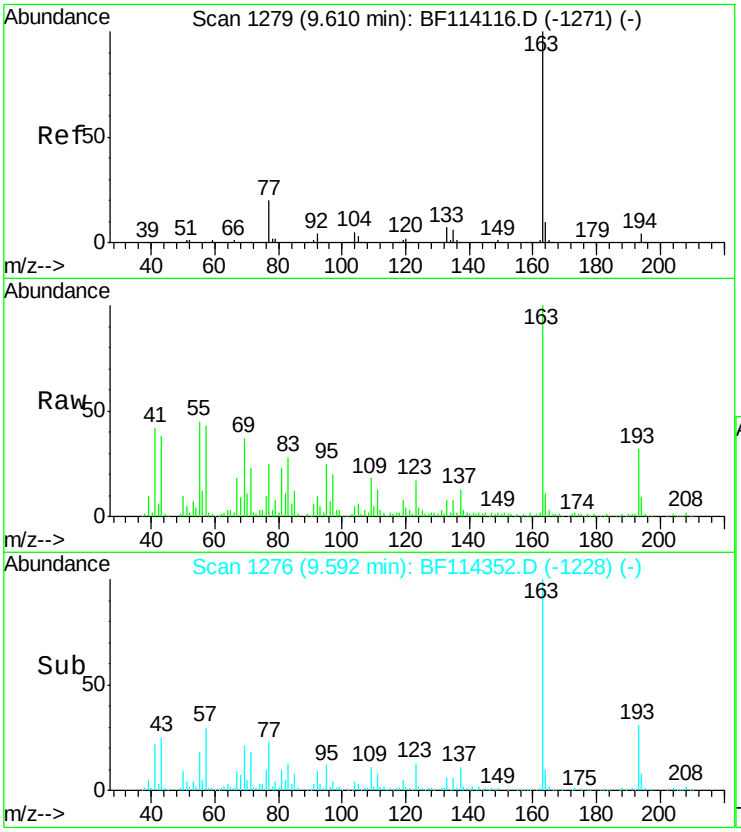


#45
2-Fluorobiphenyl
Concen: 57.022 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:172 Resp: 1368784

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	23.5	20.5	30.7



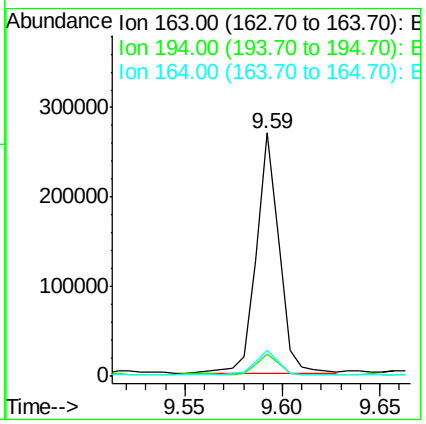


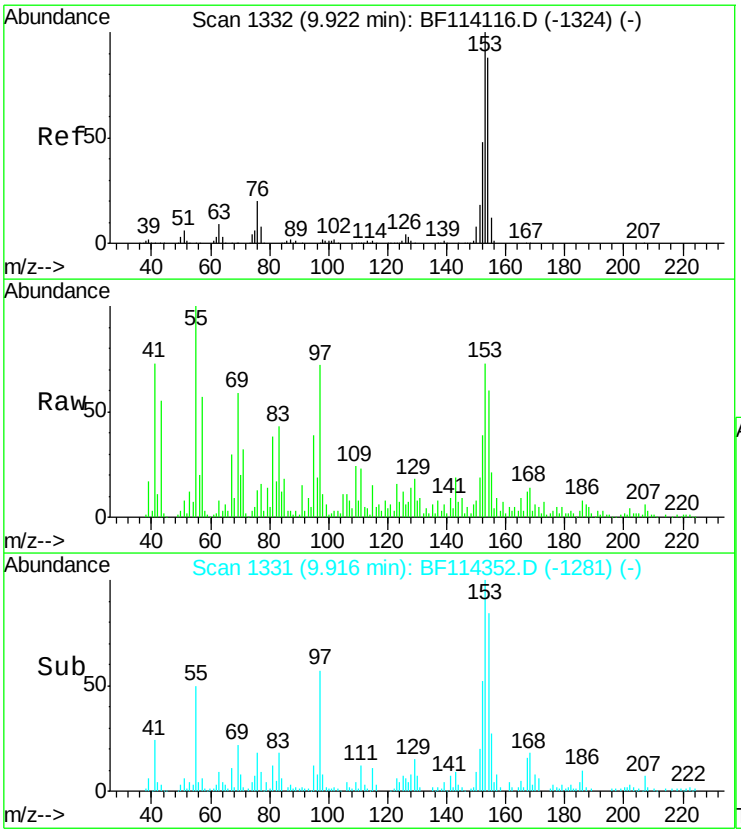
#50
Dimethylphthalate
Concen: 8.103 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 215977

Ion	Ratio	Lower	Upper
163	100		
194	8.9	3.4	5.0#
164	10.6	8.2	12.2

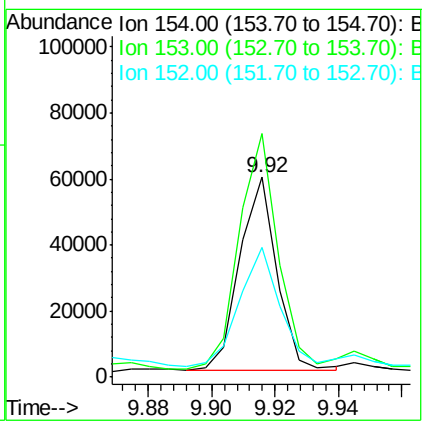


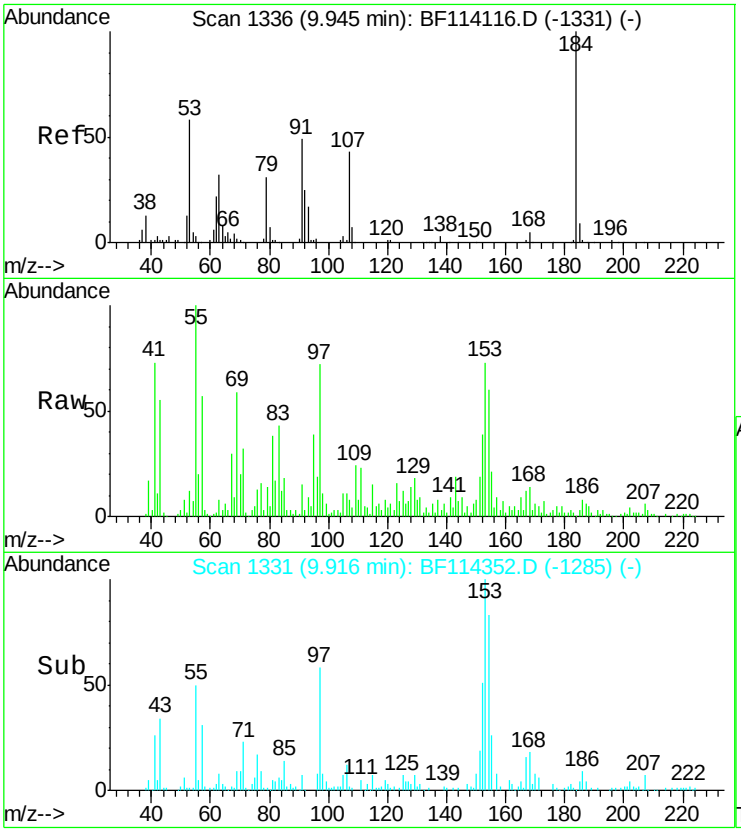


#52
Acenaphthene
Concen: 2.171 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:154 Resp: 47827

Ion	Ratio	Lower	Upper
154	100		
153	121.8	90.5	135.7
152	64.6	43.4	65.2



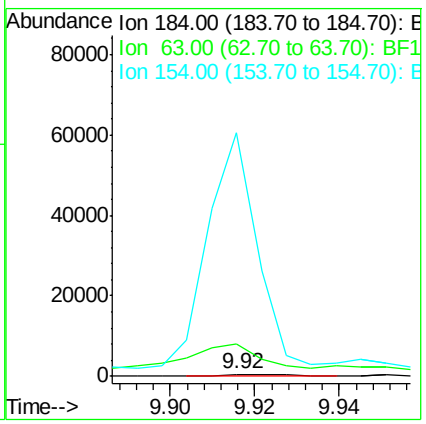


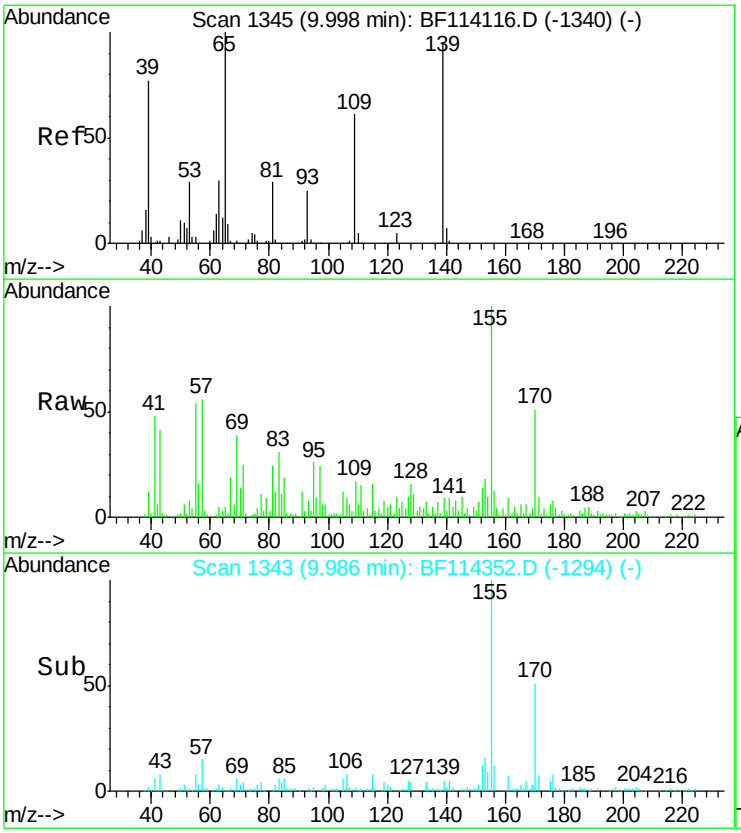
#54
2,4-Dinitrophenol
Concen: 6.869 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 401

Ion	Ratio	Lower	Upper
184	100		
63	1831.0	55.6	83.4#
154	14014.8	46.0	69.0#

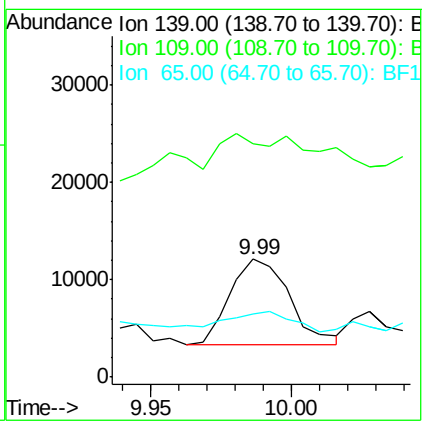


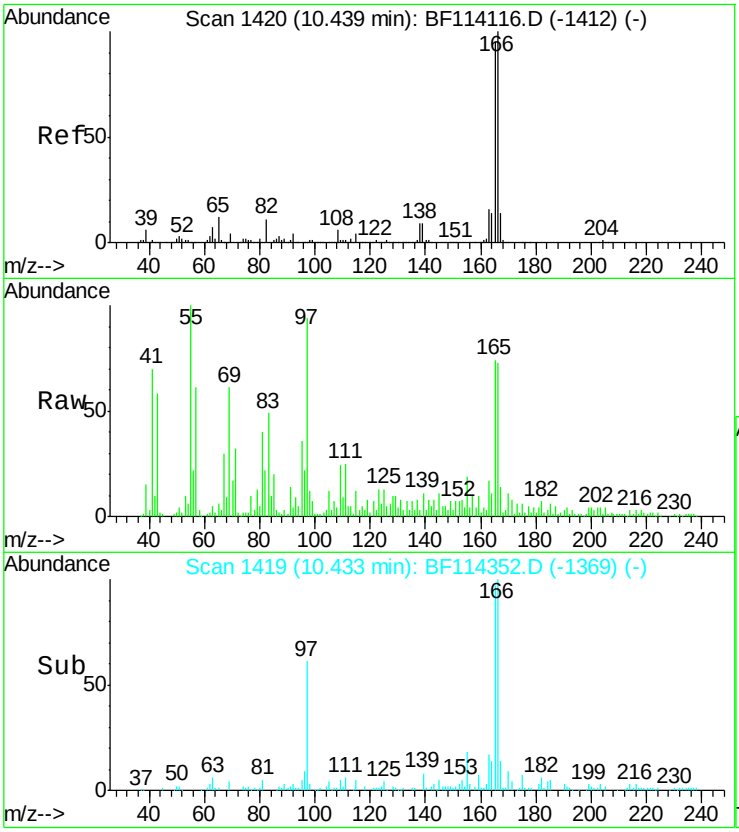


#56
4-Nitrophenol
Concen: 2.471 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:139 Resp: 12823

Ion	Ratio	Lower	Upper
139	100		
109	197.8	43.9	83.9#
65	53.9	85.7	125.7#



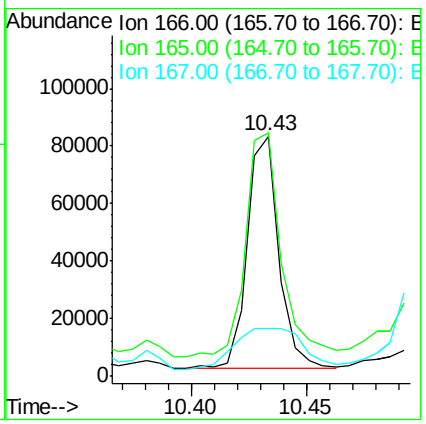


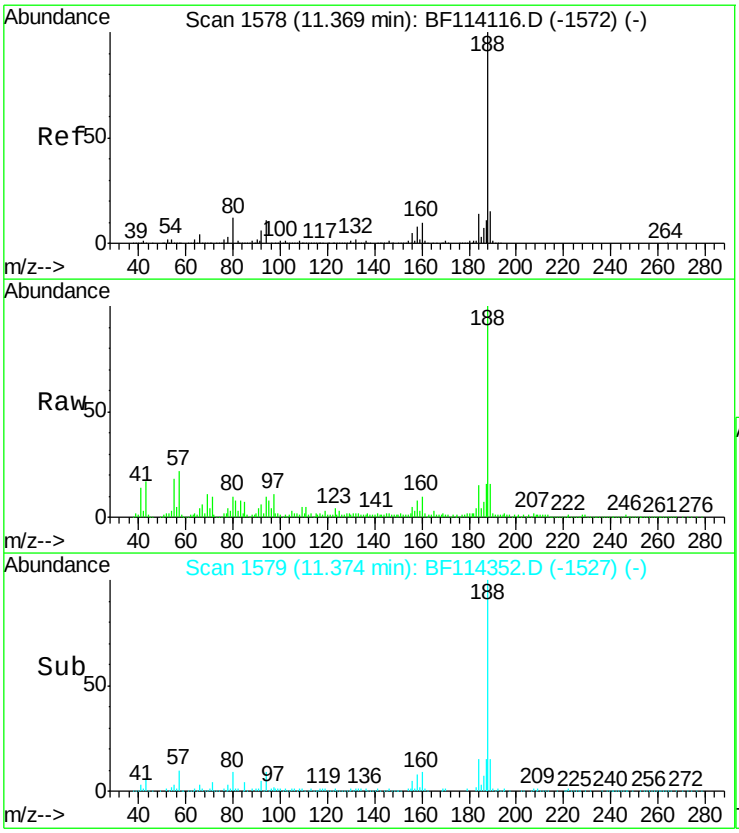
#58
Fluorene
Concen: 3.130 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 78115

Ion	Ratio	Lower	Upper
166	100		
165	101.5	76.1	114.1
167	19.7	11.1	16.7#

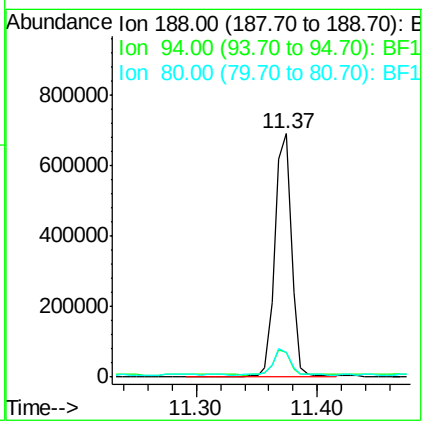


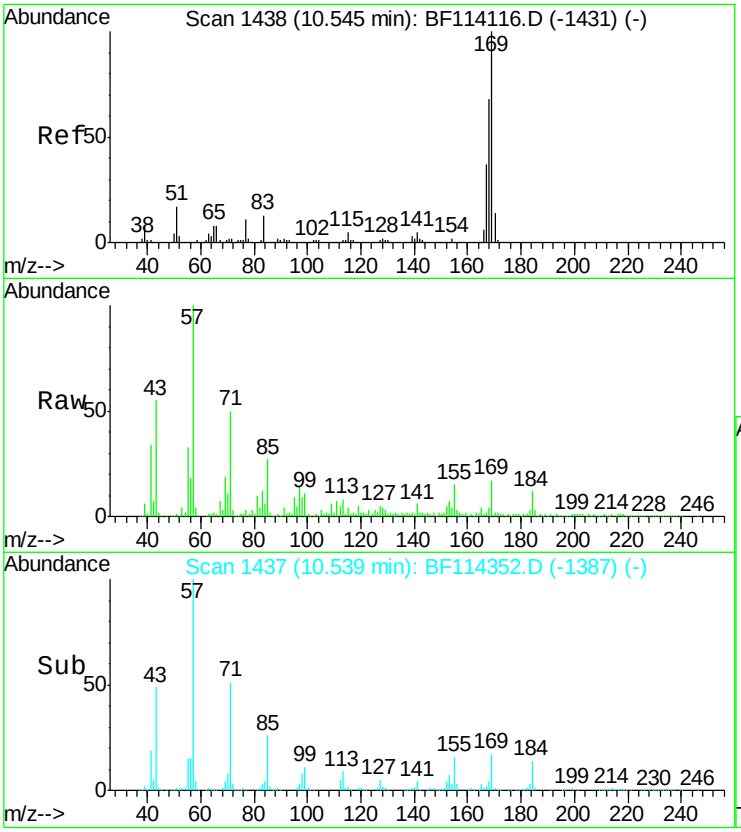


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:188 Resp: 646503

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.4	9.2	13.8



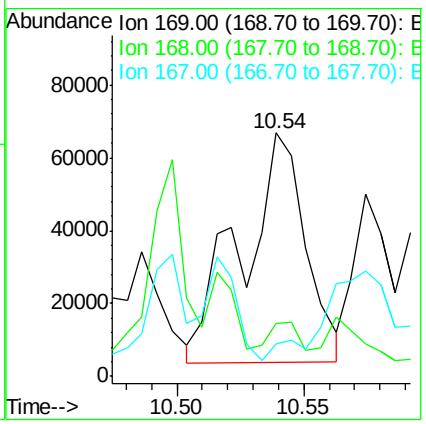


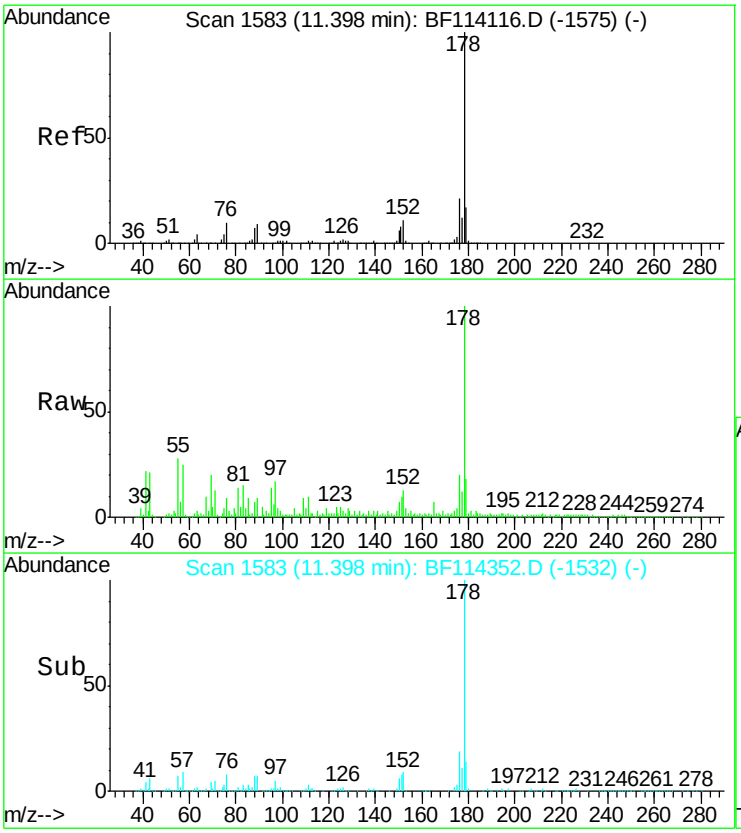
#66
n-Nitrosodiphenylamine
Concen: 5.649 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 110845

Ion	Ratio	Lower	Upper
169	100		
168	21.7	54.2	81.2#
167	13.3	29.8	44.8#

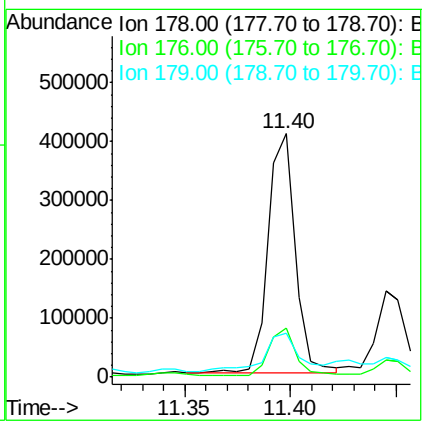


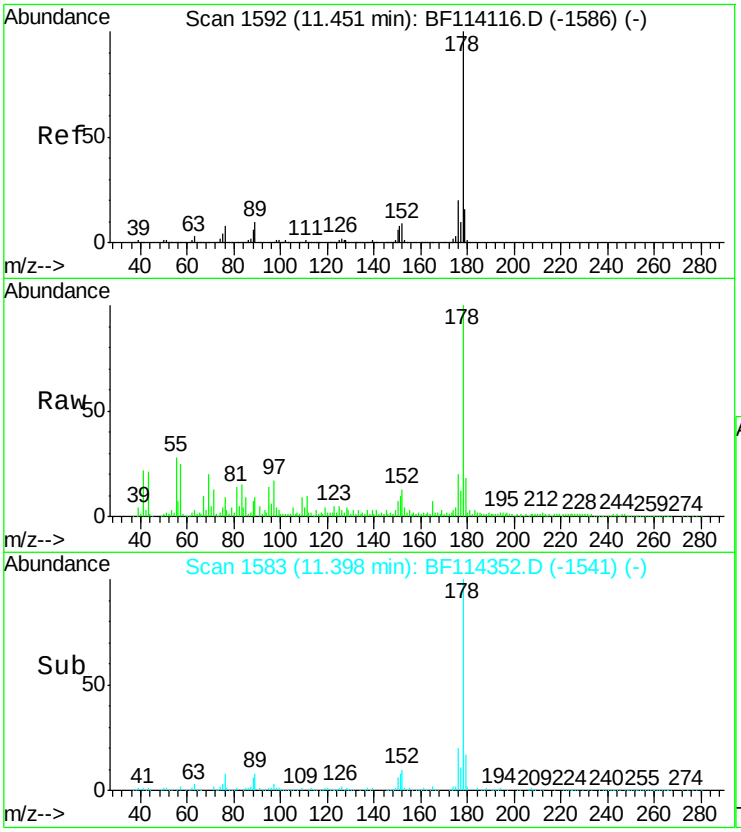


#71
Phenanthrene
Concen: 11.589 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:178 Resp: 364526

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	18.2	13.2	19.8



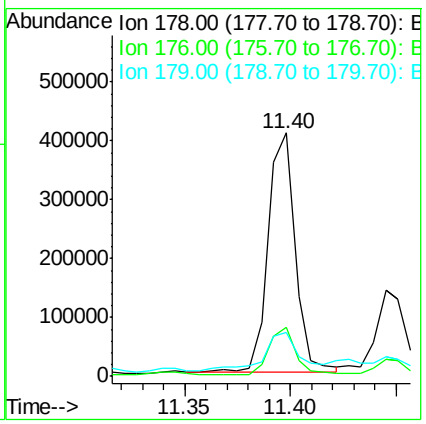


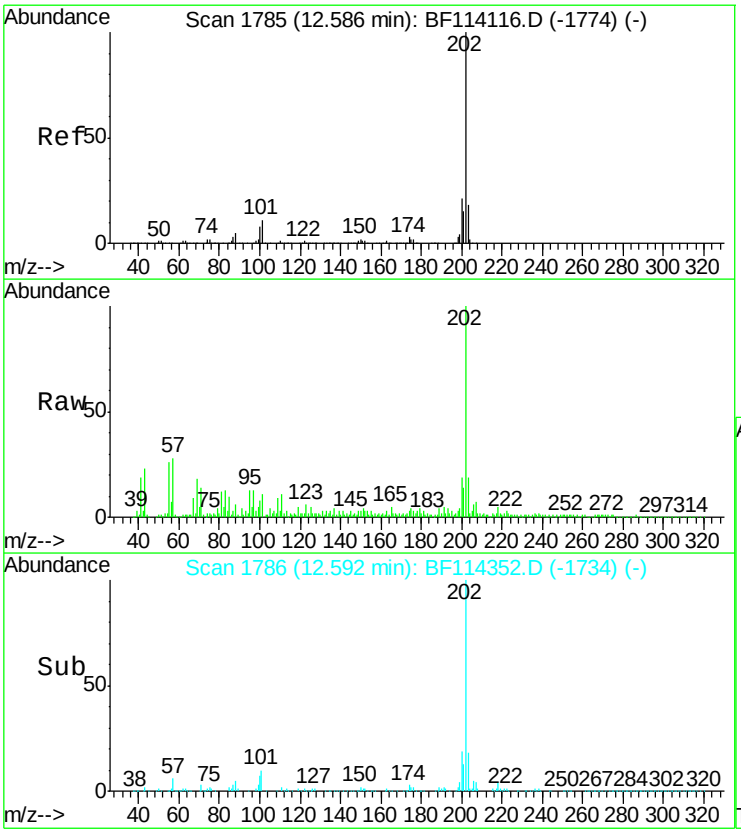
#72
Anthracene
Concen: 11.539 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 364526

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	18.2	13.0	19.4

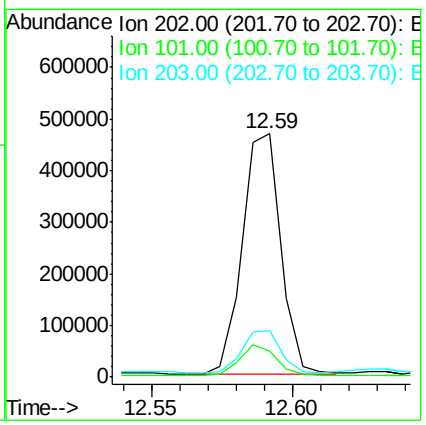


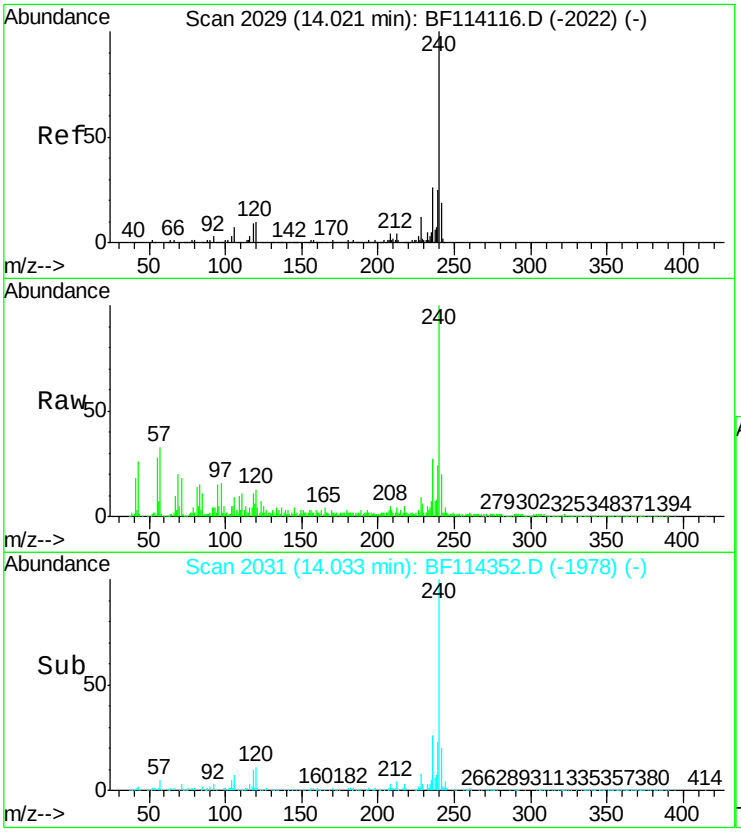


#75
Fluoranthene
Concen: 13.070 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:202 Resp: 442685

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	19.0	0.0	38.4



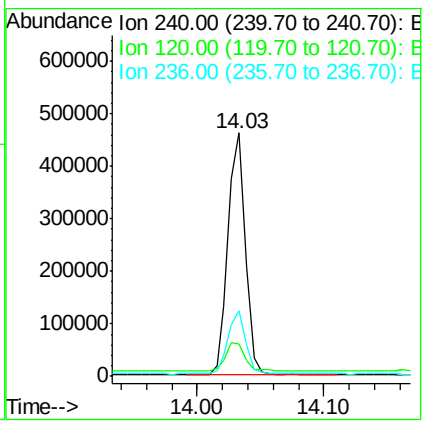


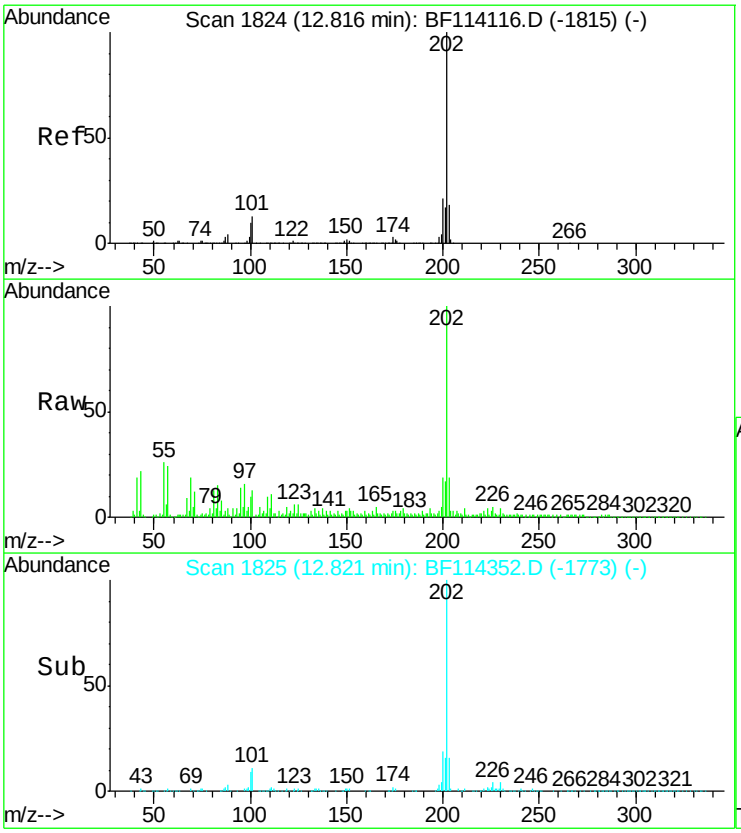
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 436655

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	27.0	20.8	31.2

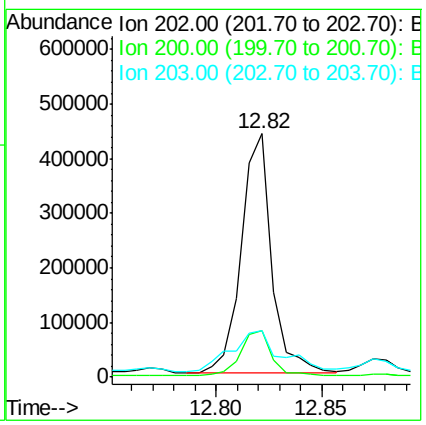


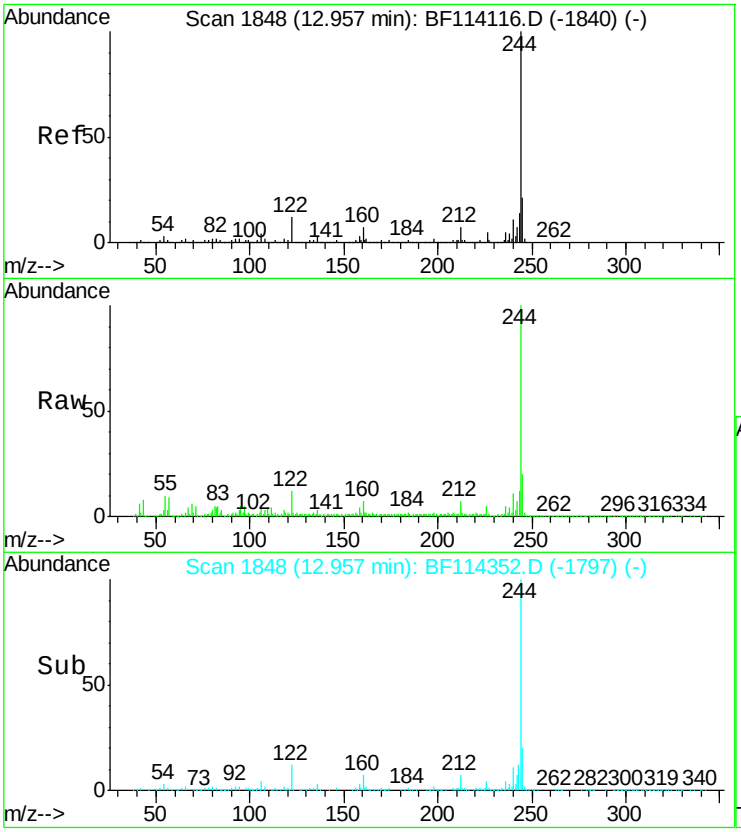


#78
Pyrene
Concen: 12.559 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:202 Resp: 441140

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.9	25.3
203	18.9	14.5	21.7



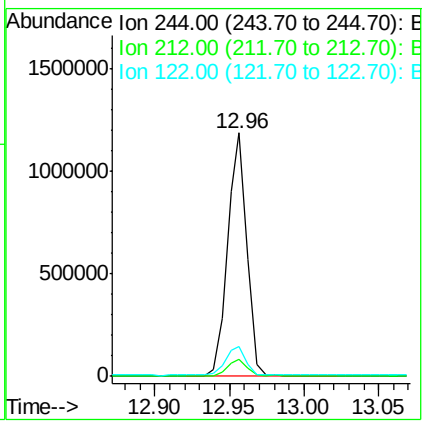


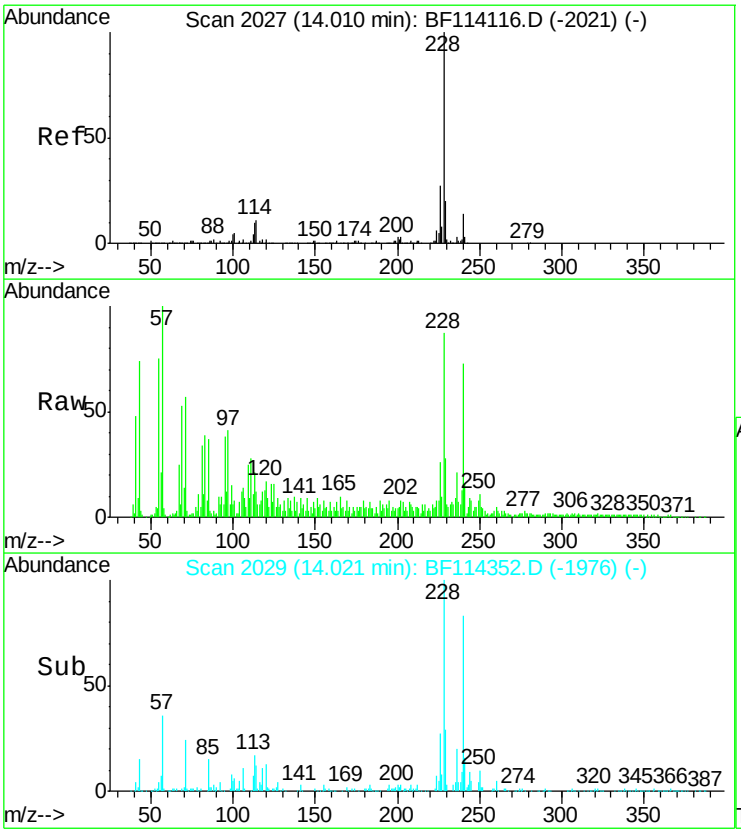
#79
Terphenyl-d14
Concen: 50.673 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1073353

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.0	9.4	14.2

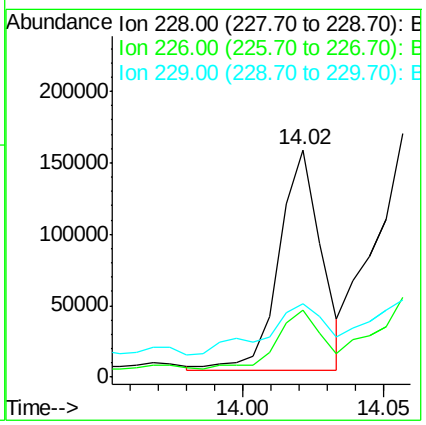


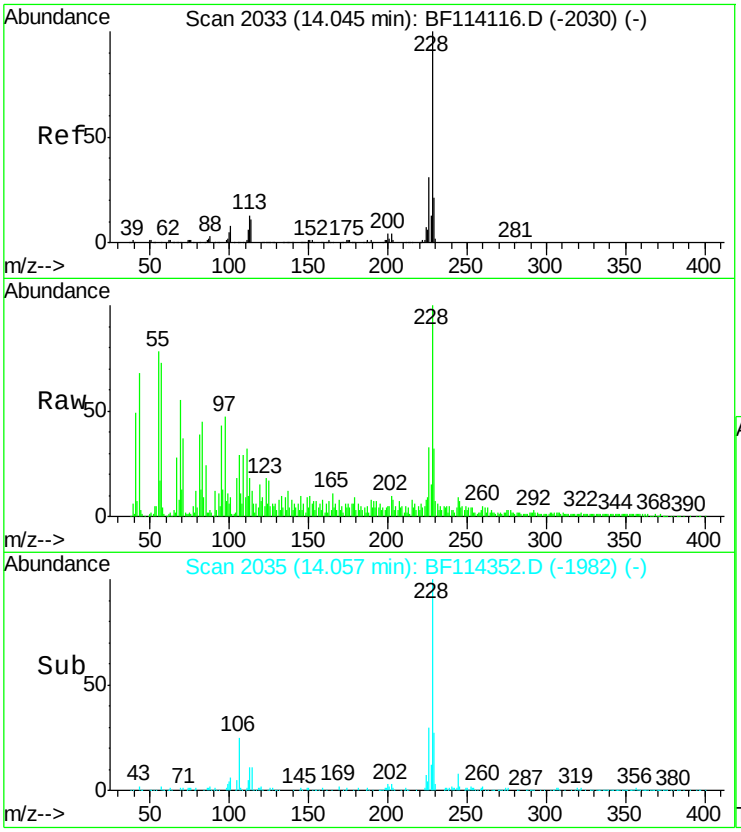


#81
Benzo(a)anthracene
Concen: 5.669 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:228 Resp: 160118

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.2
229	32.4	16.4	24.6#



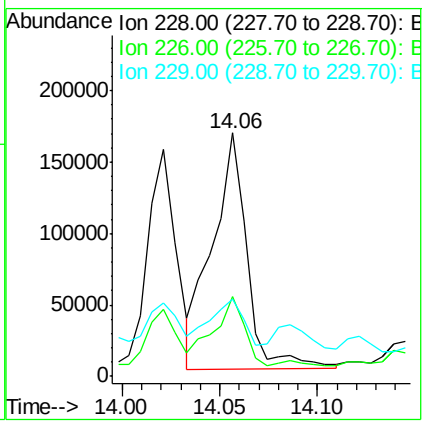


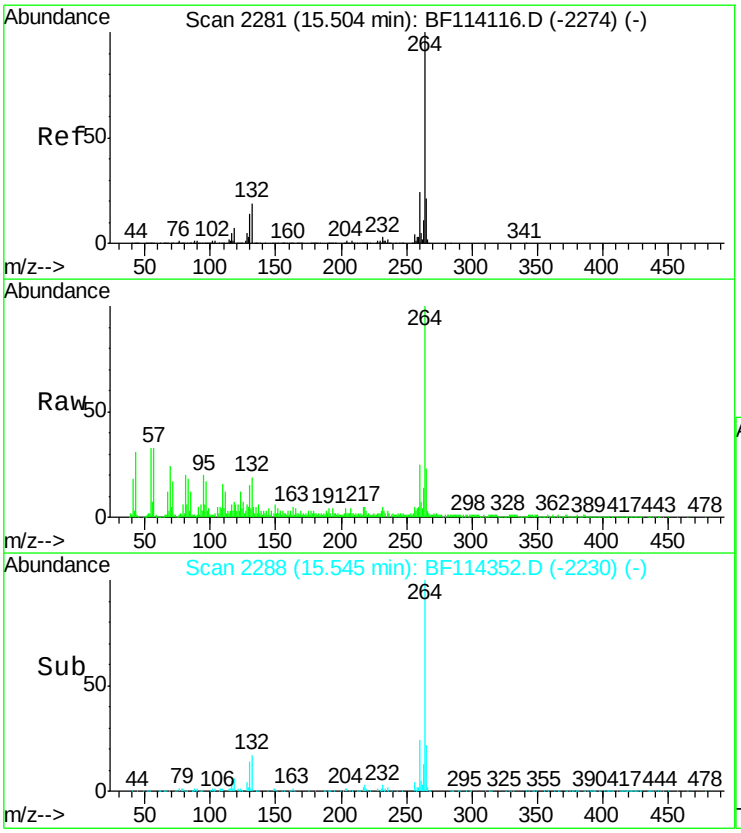
#83
Chrysene
Concen: 7.369 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 204004

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	31.8	17.0	25.6#

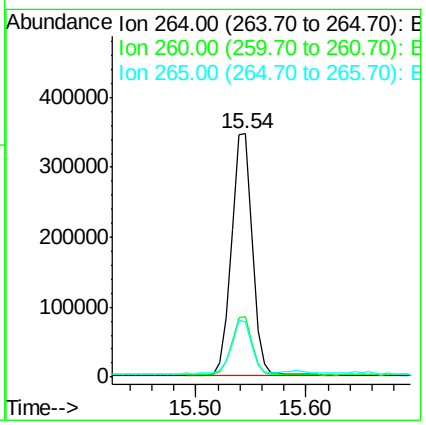


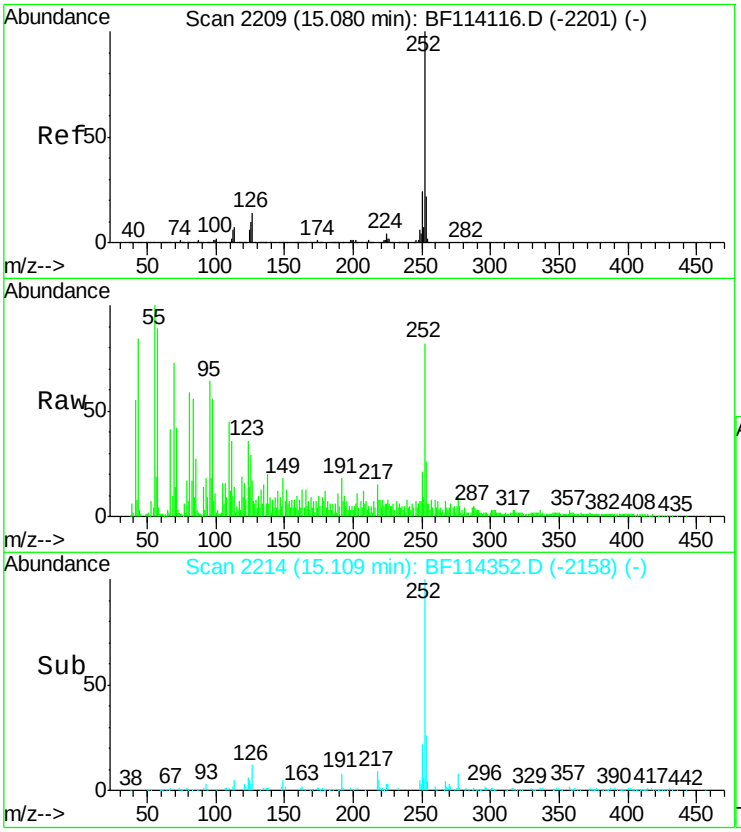


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.04 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:264 Resp: 461533

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.7	16.9	25.3



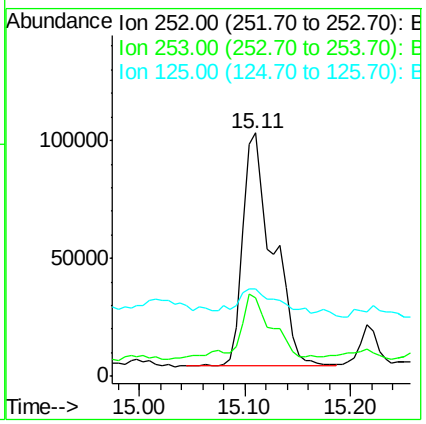


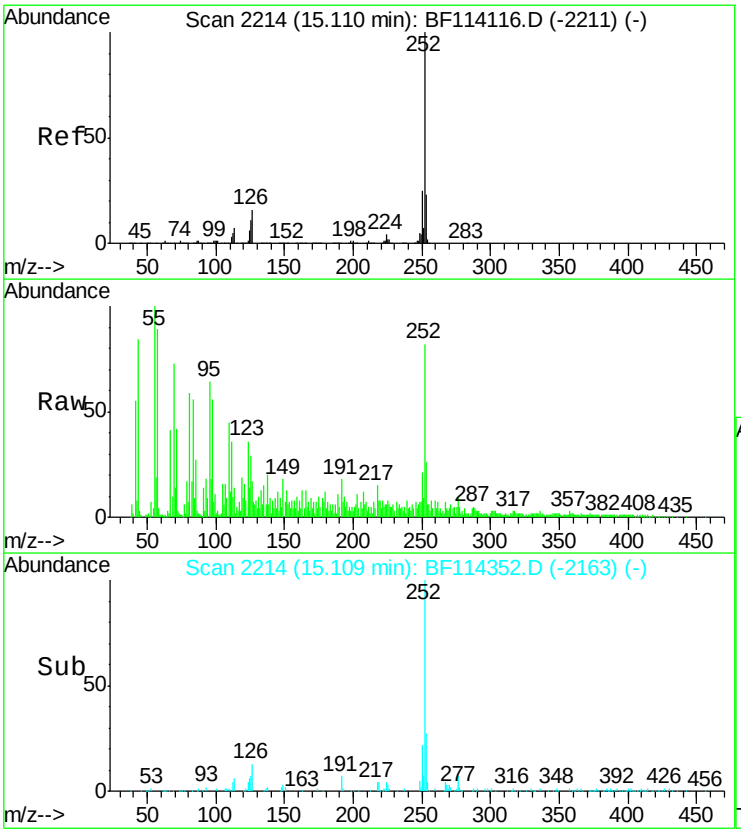
#88
Benzo(b)fluoranthene
Concen: 6.564 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.03 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 194092

Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.8	26.8#
125	36.0	8.3	12.5#

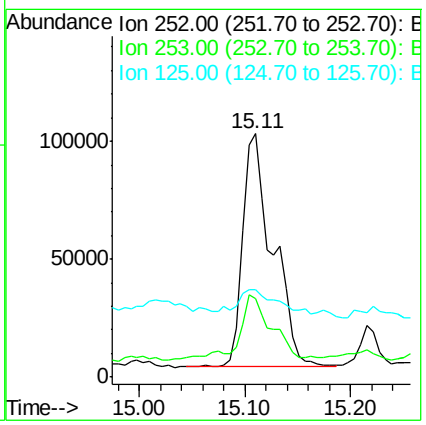


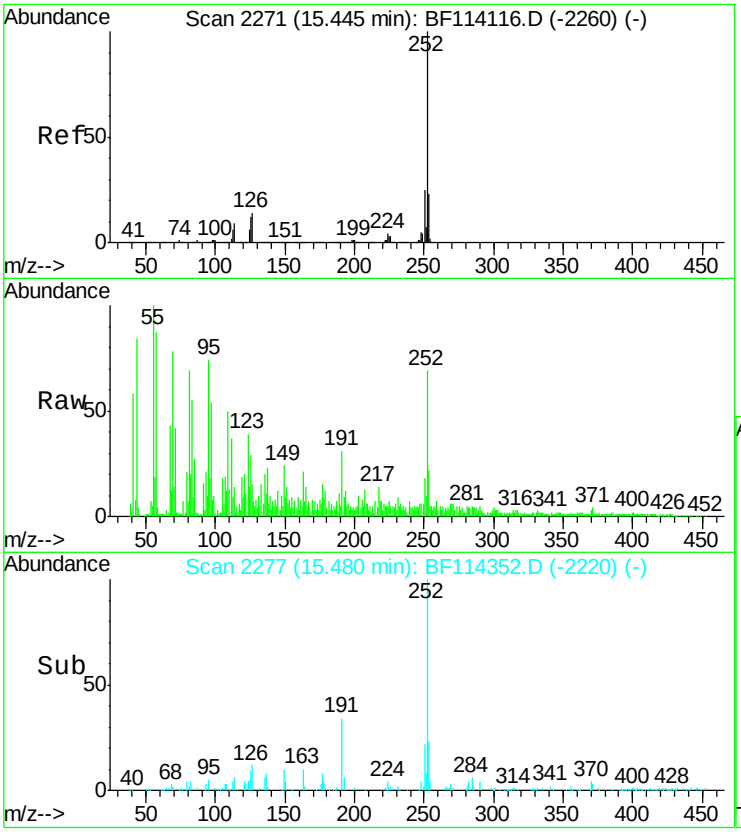


#89
Benzo(k)fluoranthene
Concen: 7.146 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion:252 Resp: 194092

Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.2	27.2#
125	36.0	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 3.784 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.04 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98457

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	42.2	9.5	14.3#