Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P021-SS001-0002-01

Quant Time: May 11 04:01:37 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	375532	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1336133	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	549874	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	925808	20.00	ng		0.00
76) Chrysene-d12	14.00	240	730194	20.00	ng		-0.02
87) Perylene-d12	15.47	264	631289	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1877654	80.46	ng		0.00
7) Phenol-d6	6.49	99	2497479	90.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	1504237	63.18	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	444367	78.17	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1785286	49.11	ng		0.00
79) Terphenyl-d14	12.95	244	1364249	38.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	201312	11.507	ng	#	77
25) Isophorone	7.41	82	1495422	33.867	ng	#	64
32) Benzoic acid	7.90	122	255	7.037	ng	#	25
50) Dimethylphthalate	9.60	163	469442	11.630	ng		98
57) 2,4-Dinitrotoluene	9.89	165	70832	5.829	ng	#	25
67) 4-Bromophenyl-phenylether	10.67	248	28546	2.800	ng	#	1
75) Fluoranthene	12.58	202	130341	2.687	ng		98
78) Pyrene	12.80	202	144880	2.466	ng		96
88) Benzo(b)fluoranthene	15.04	252	101845	2.518	ng	#	81
89) Benzo(k)fluoranthene	15.04	252	101845	2.741	ng	#	82

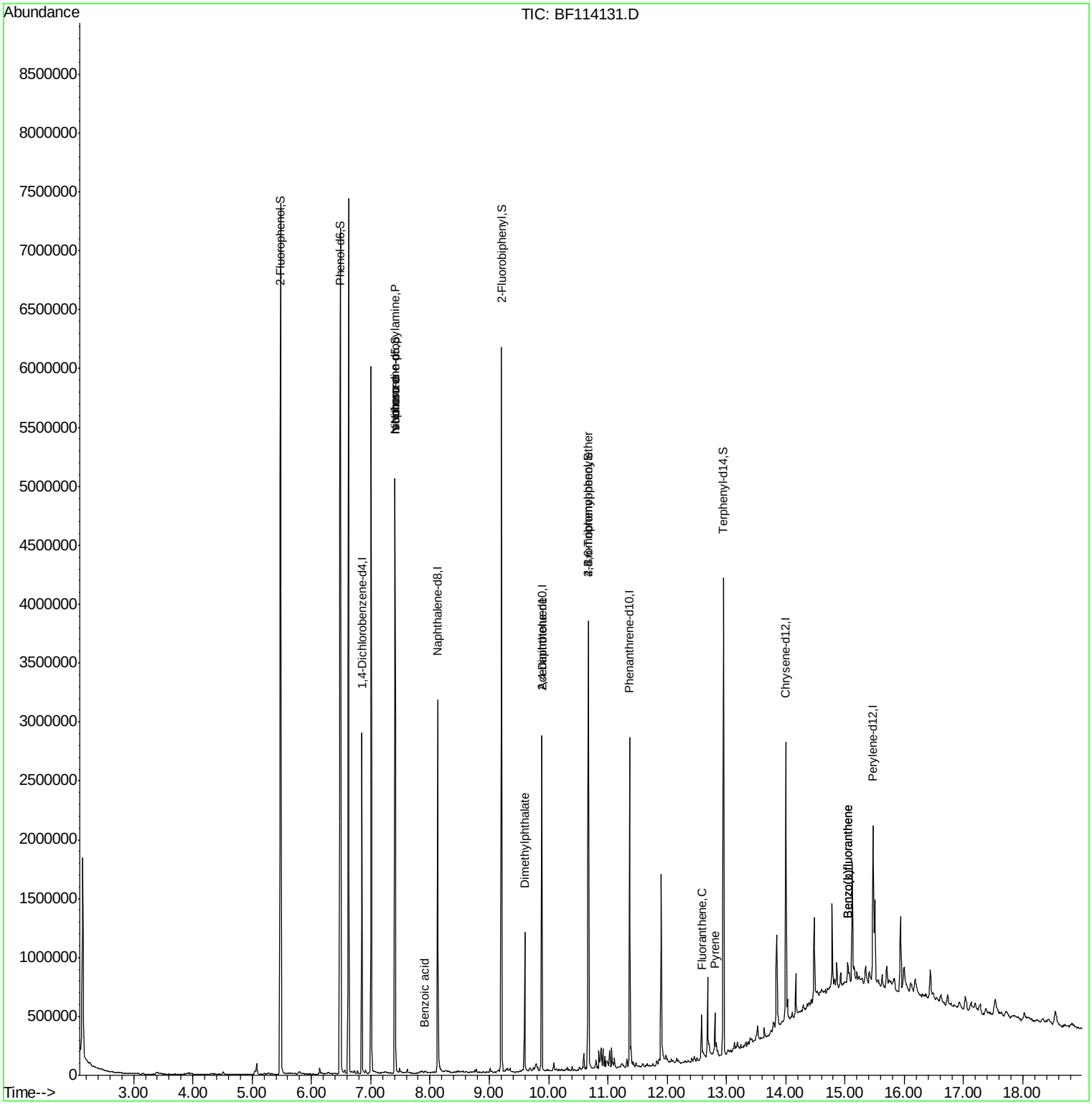
(#) = qualifier out of range (m) = manual integration (+) = signals summed

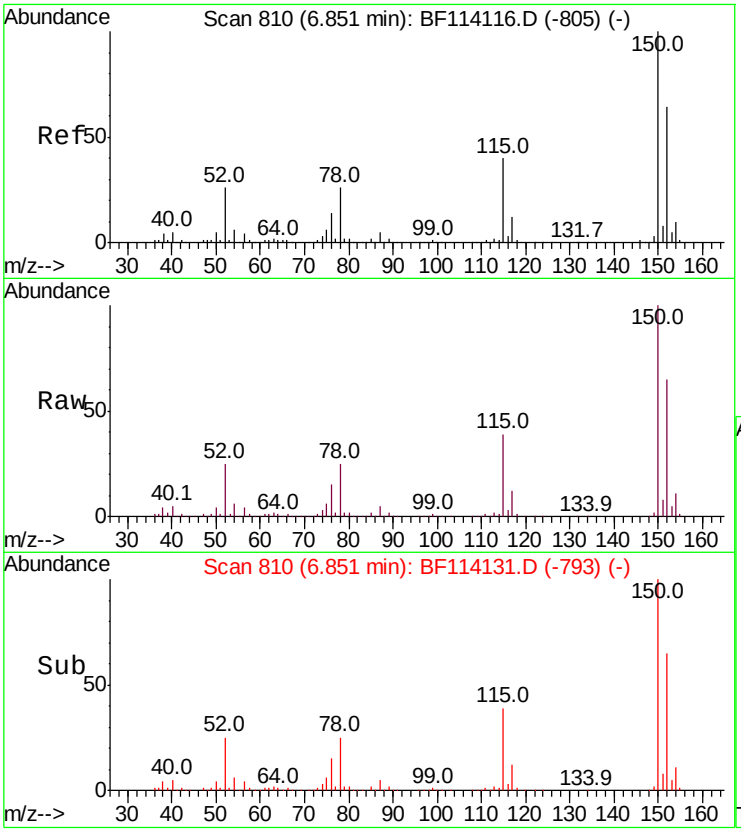
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Quant Time: May 11 04:01:37 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



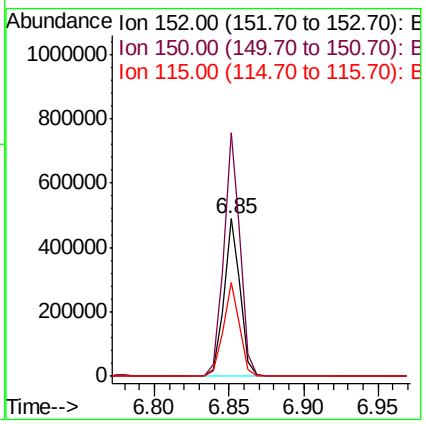


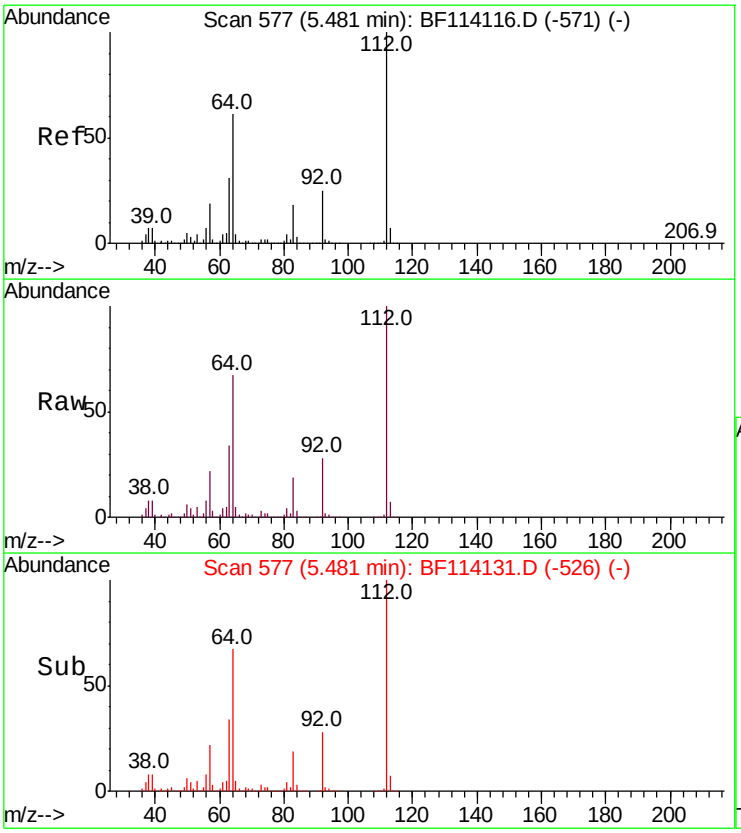
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:152 Resp: 375532

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	59.7	49.1	73.7

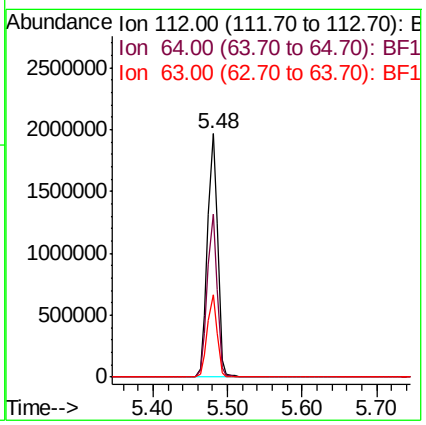


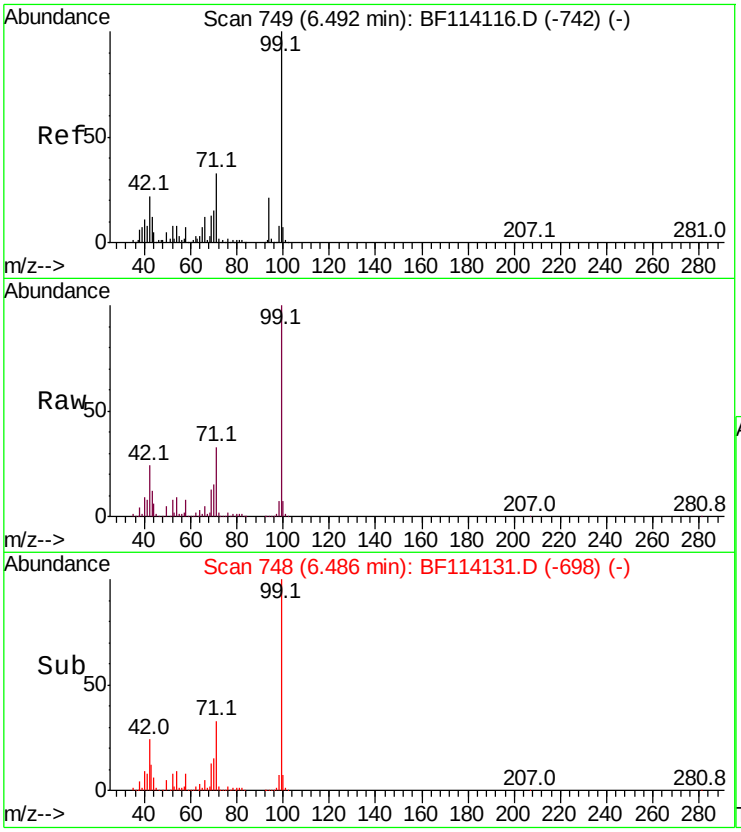


#5
2-Fluorophenol
Concen: 80.463 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:112 Resp: 1877654

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.0	73.6
63	33.9	24.6	37.0



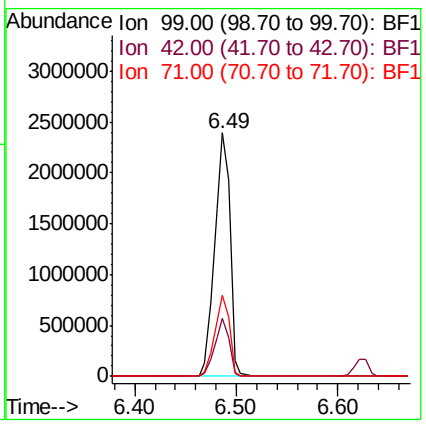


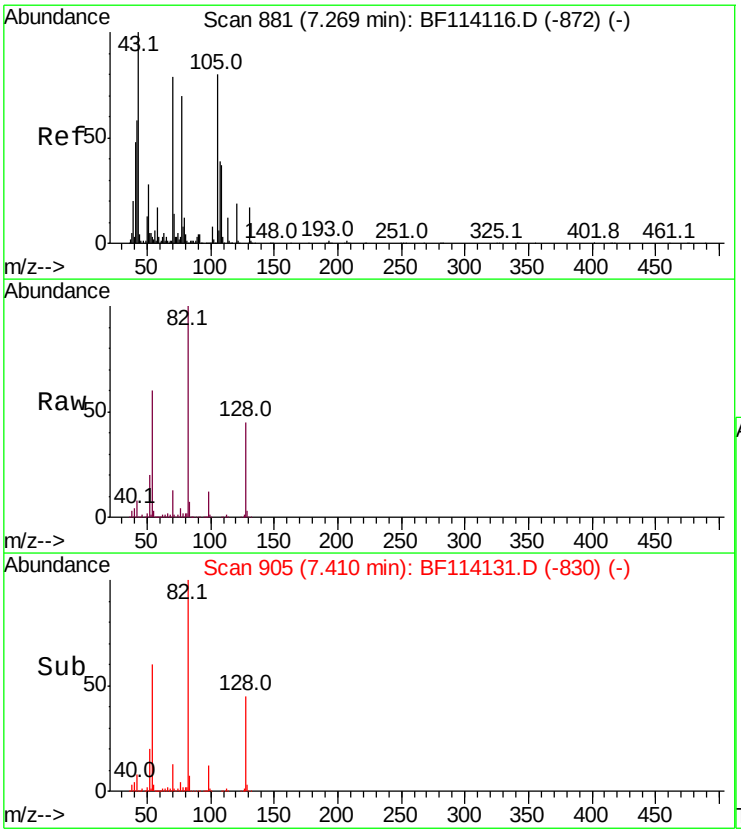
#7
Phenol-d6
Concen: 90.489 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion: 99 Resp: 2497479

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.9	26.9
71	33.3	26.2	39.2

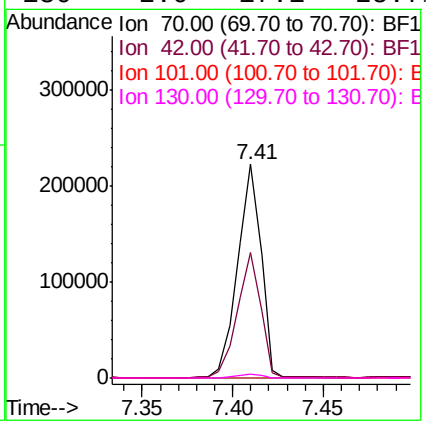


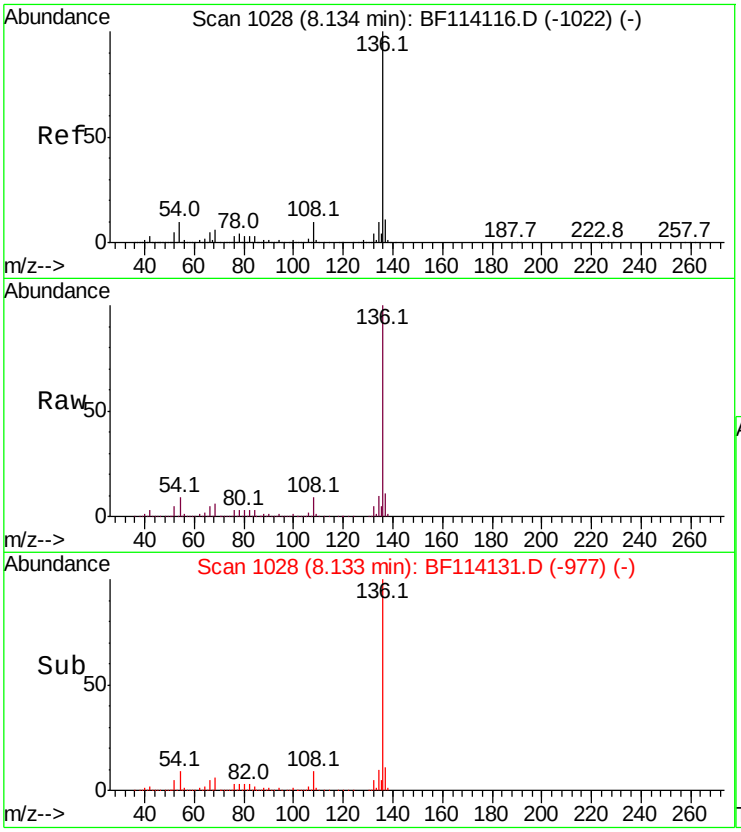


#19
n-Nitroso-di-n-propylamine
Concen: 11.507 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion: 70 Resp: 201312

Ion	Ratio	Lower	Upper
70	100		
42	58.9	58.6	87.8
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



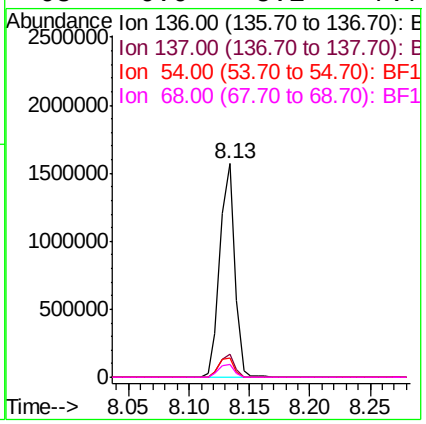


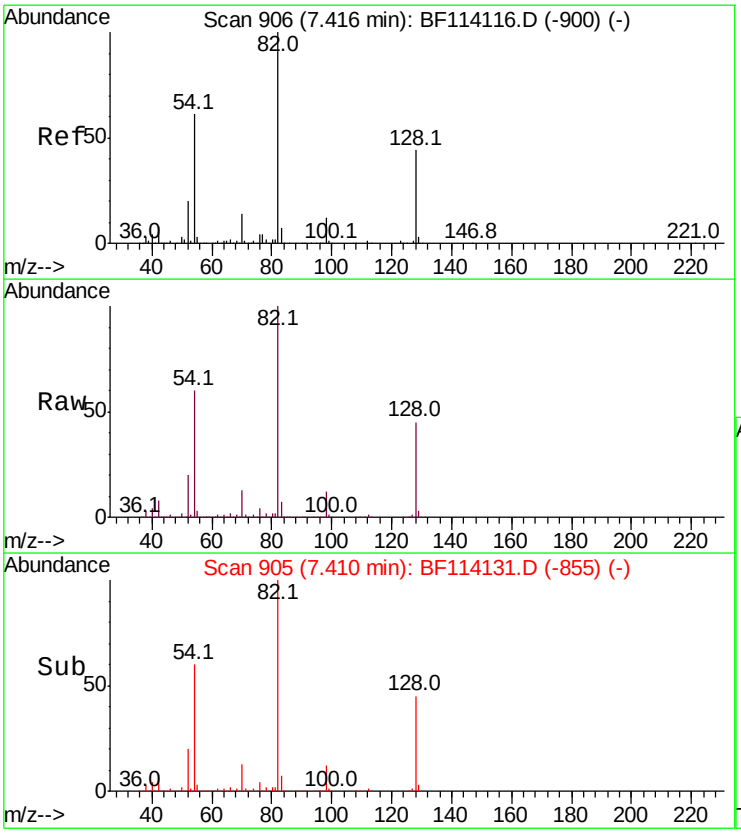
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:136 Resp: 1336133

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	6.0	5.1	7.7

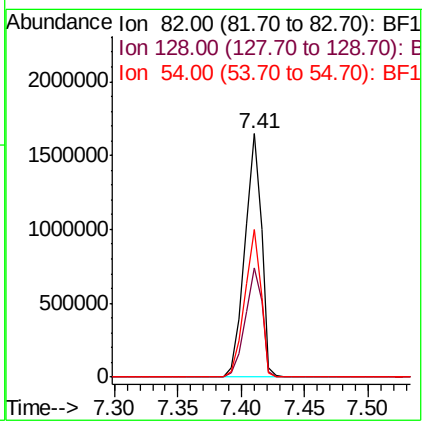


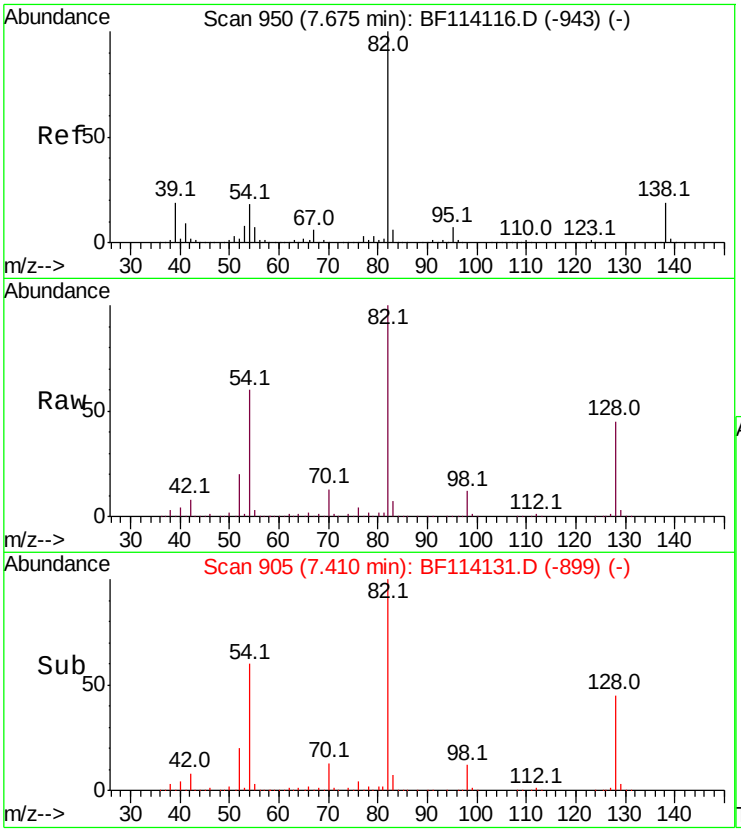


#23
Nitrobenzene-d5
Concen: 63.181 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion: 82 Resp: 1504237

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	60.5	48.5	72.7



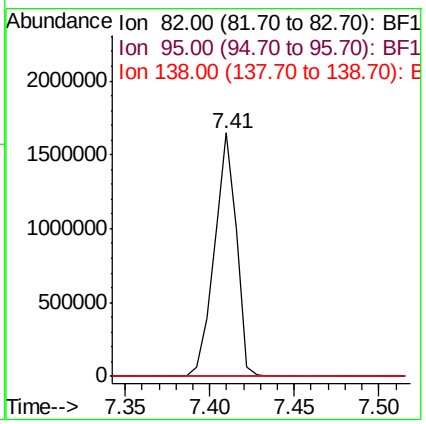


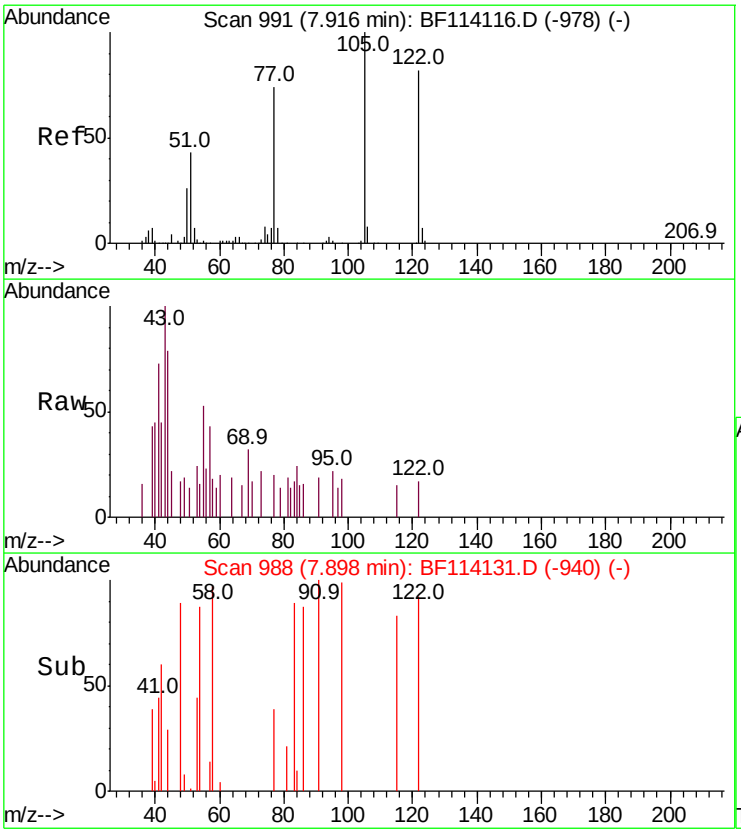
#25
Isophorone
Concen: 33.867 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion: 82 Resp: 1495422

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

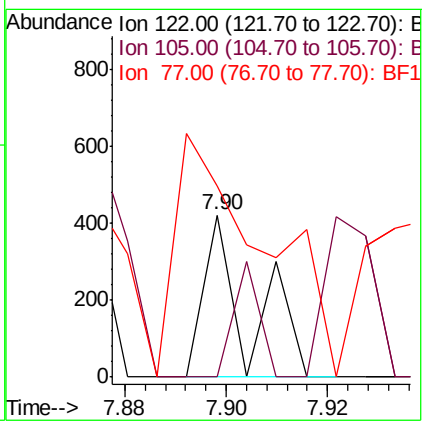


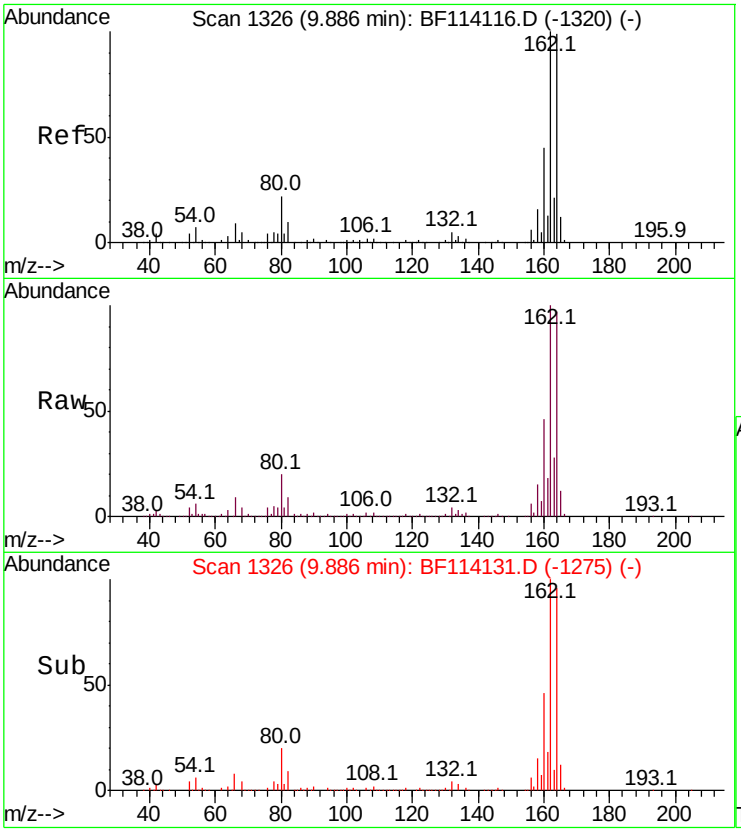


#32
Benzoic acid
Concen: 7.037 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:122 Resp: 255

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	118.1	69.4	109.4#



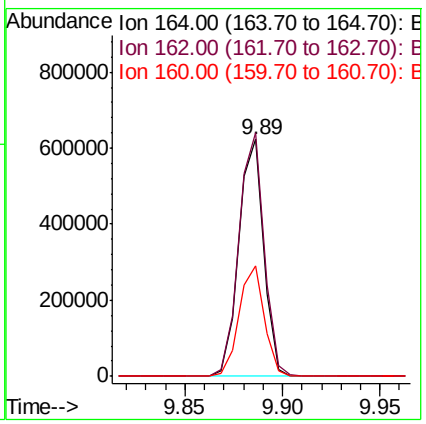


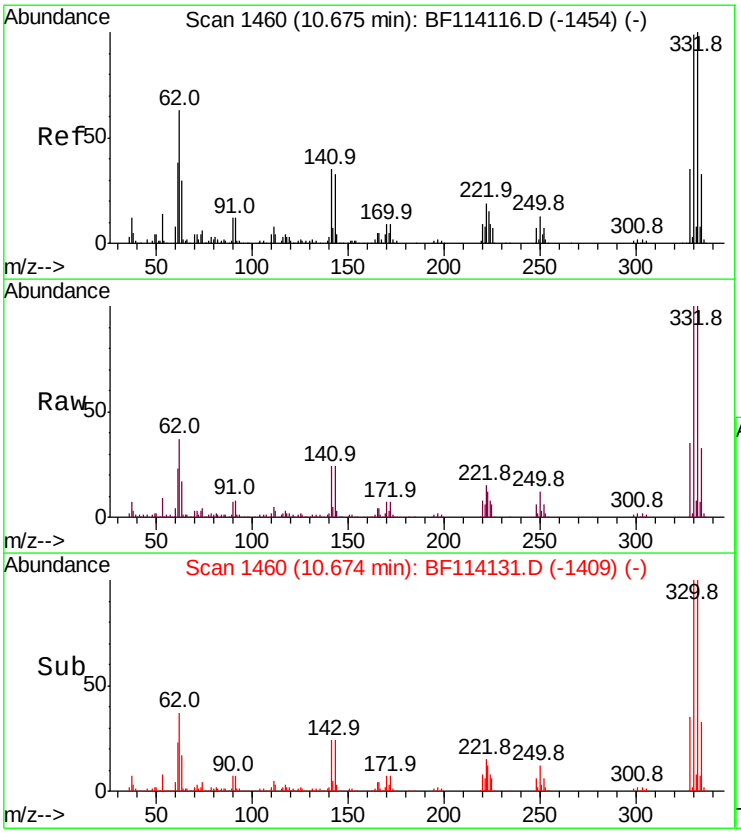
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:164 Resp: 549874

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.8	36.5	54.7

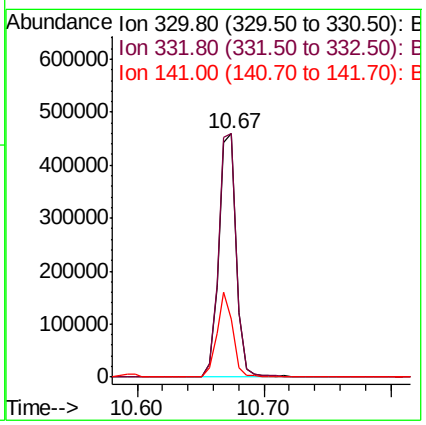


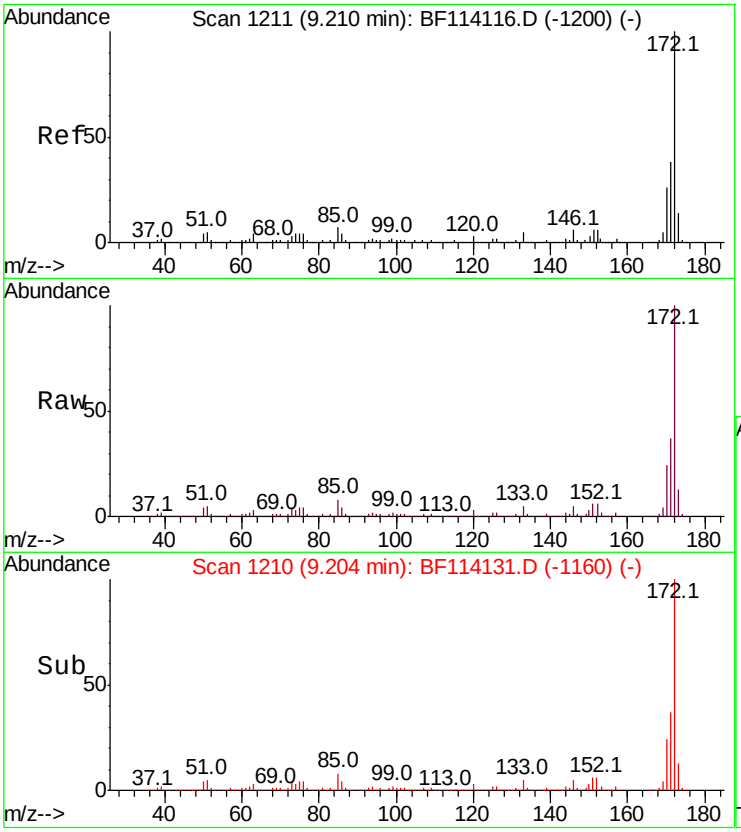


#42
2,4,6-Tribromophenol
Concen: 78.168 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:330 Resp: 444367

Ion	Ratio	Lower	Upper
330	100		
332	101.2	81.4	122.2
141	32.1	26.6	40.0



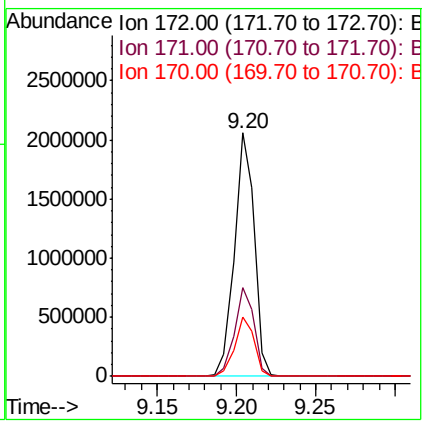


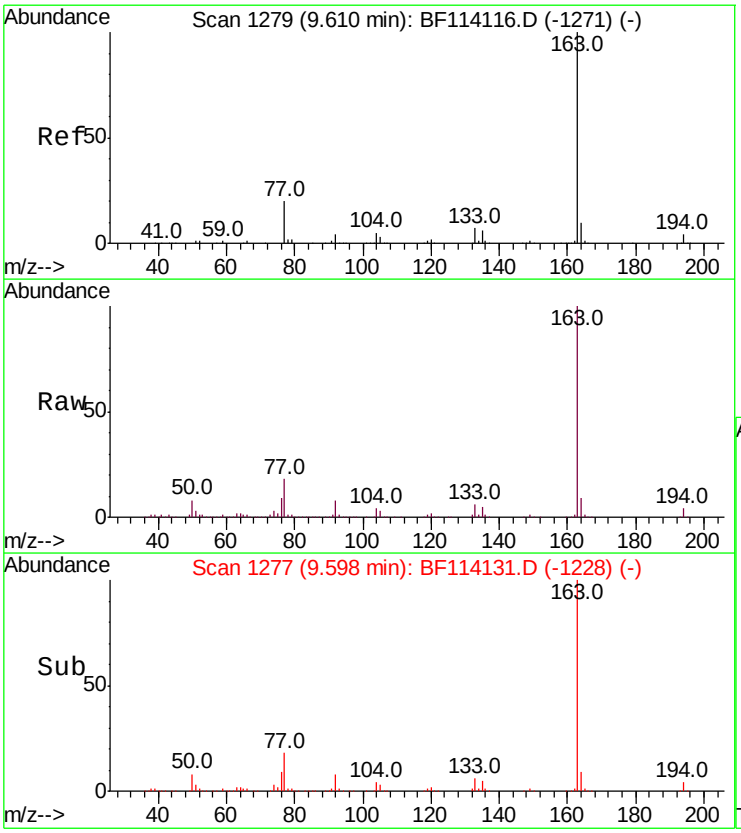
#45
2-Fluorobiphenyl
Concen: 49.112 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:172 Resp: 1785286

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.2	20.5	30.7

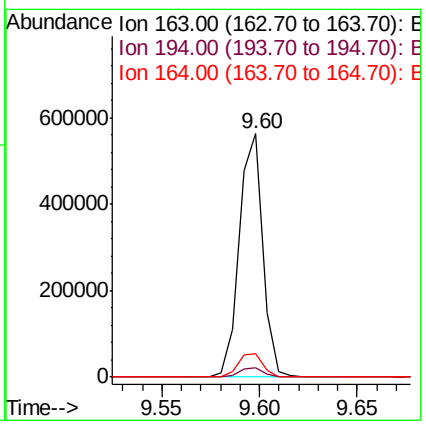


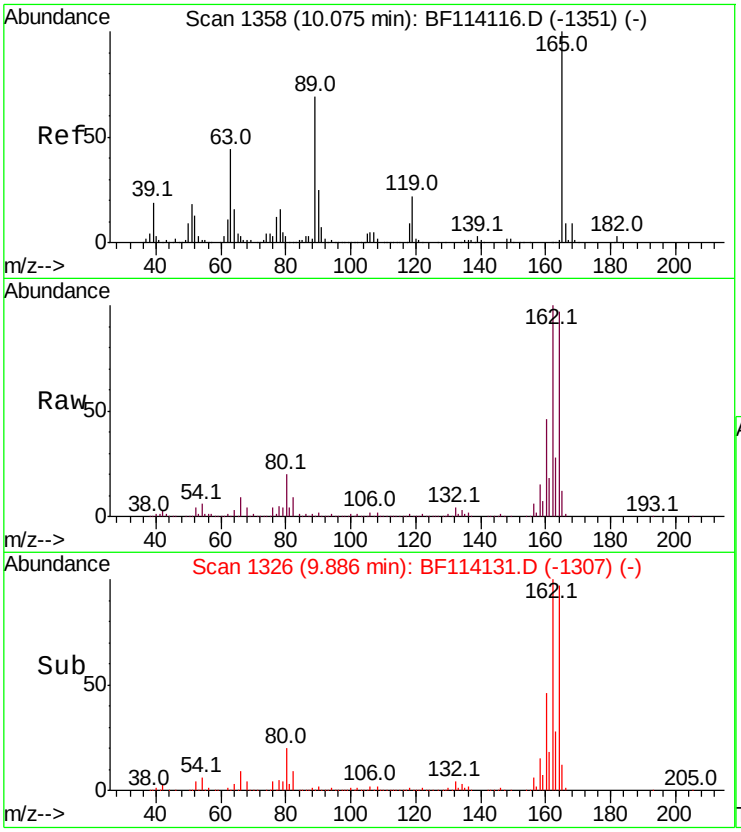


#50
Dimethylphthalate
Concen: 11.630 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:163 Resp: 469442

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.4	8.2	12.2



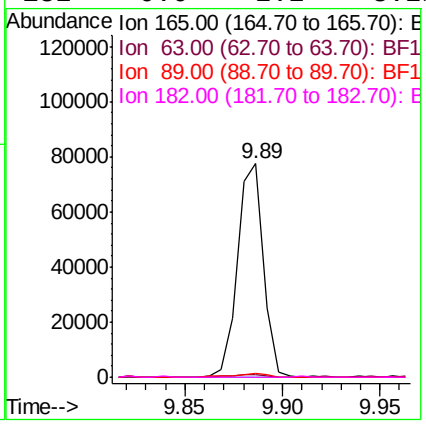


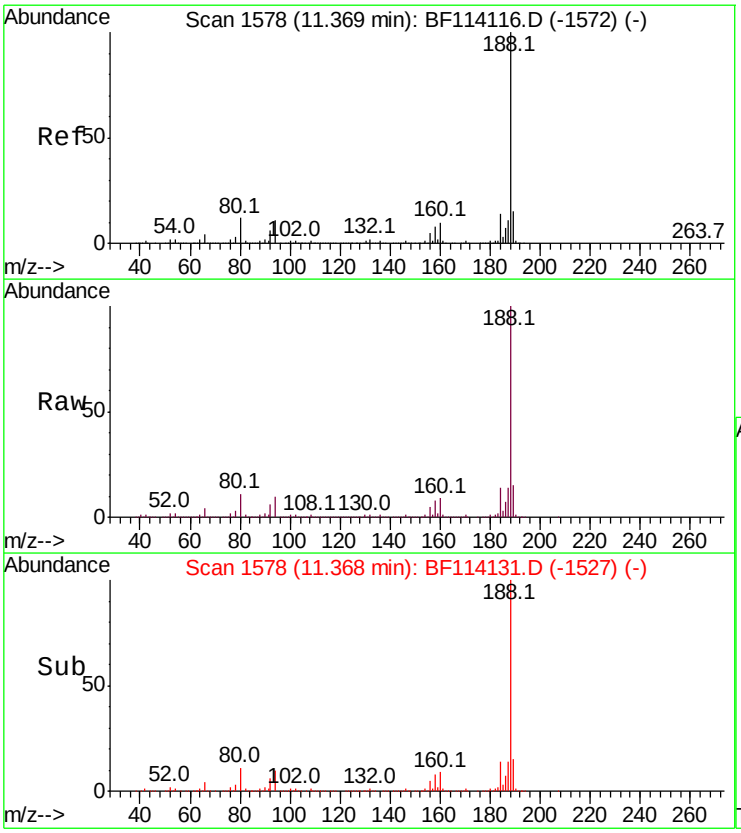
#57
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:165 Resp: 70832

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.7	55.2	82.8#
182	0.0	2.2	3.2#

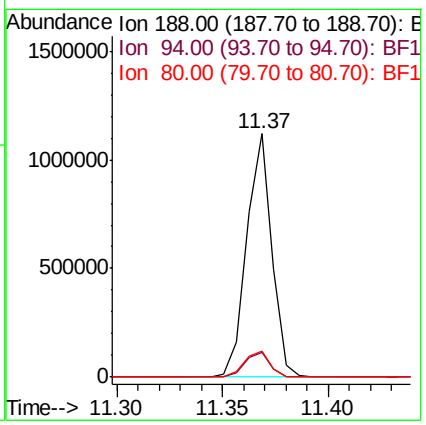


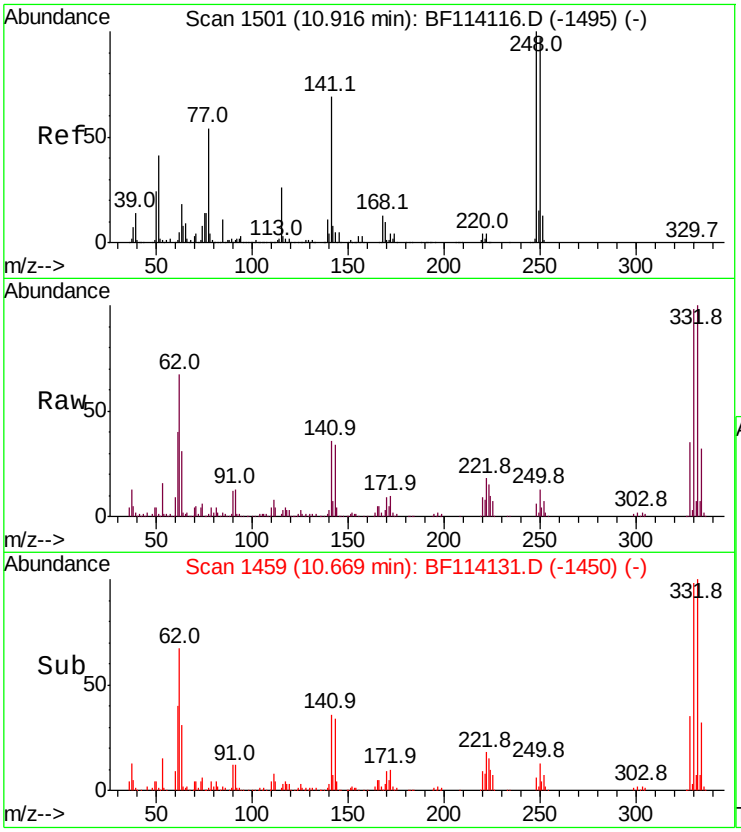


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:188 Resp: 925808

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	10.9	9.2	13.8



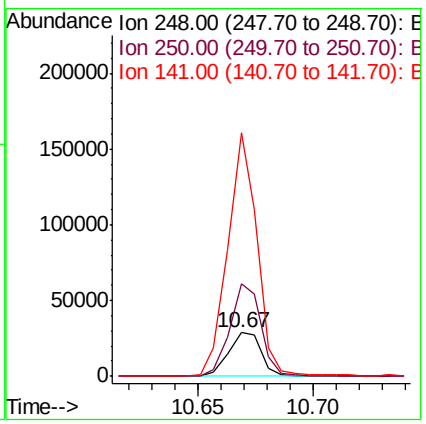


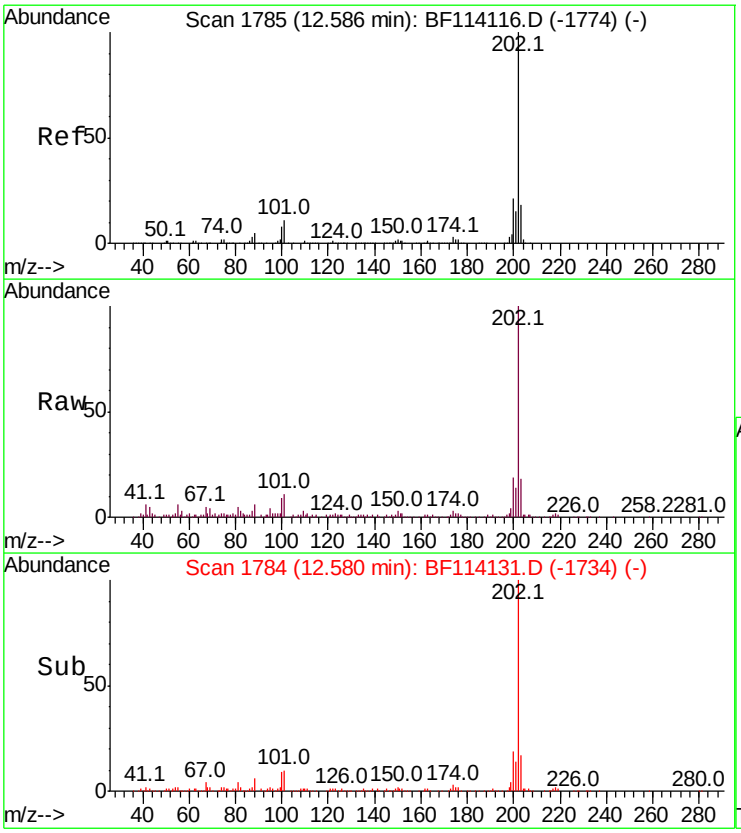
#67
4-Bromophenyl-phenylether
Concen: 2.800 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:248 Resp: 28546

Ion	Ratio	Lower	Upper
248	100		
250	210.0	77.4	116.2#
141	554.8	55.6	83.4#

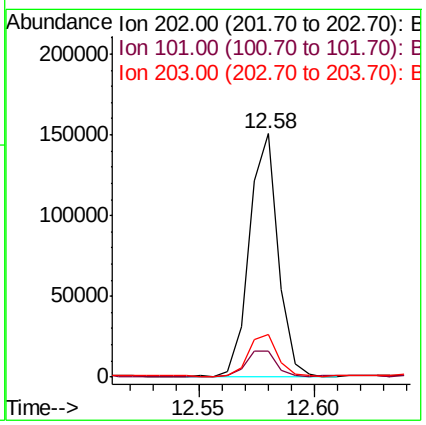


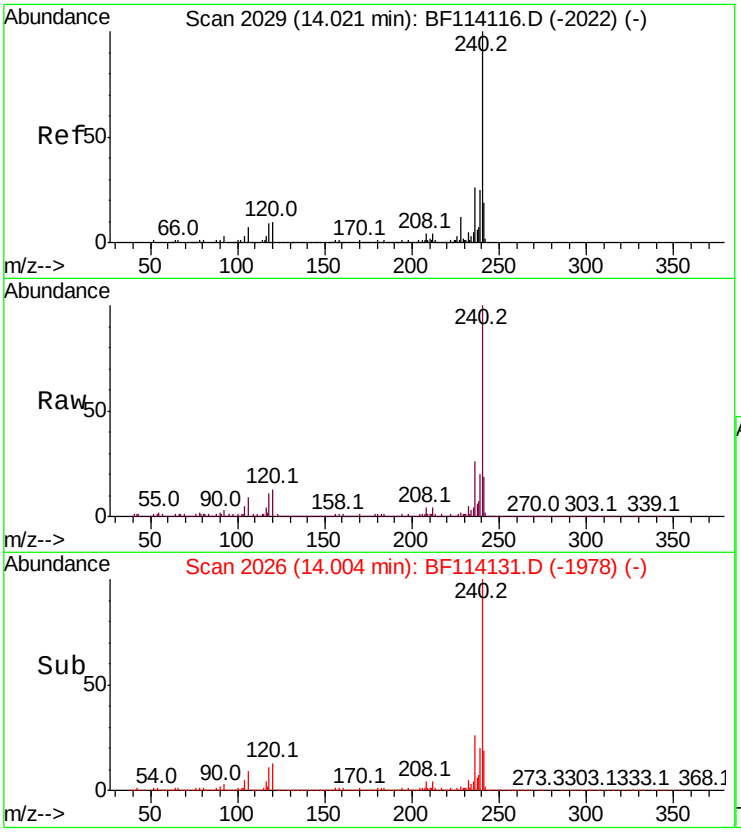


#75
Fluoranthene
Concen: 2.687 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:202 Resp: 130341

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
203	17.6	0.0	38.4



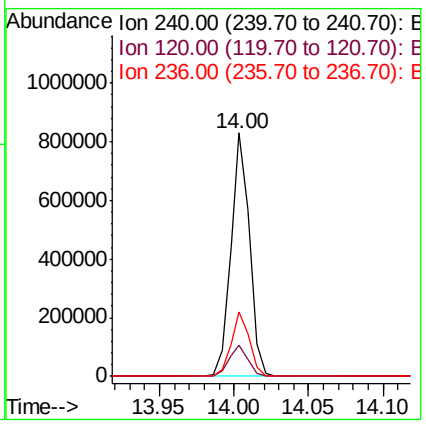


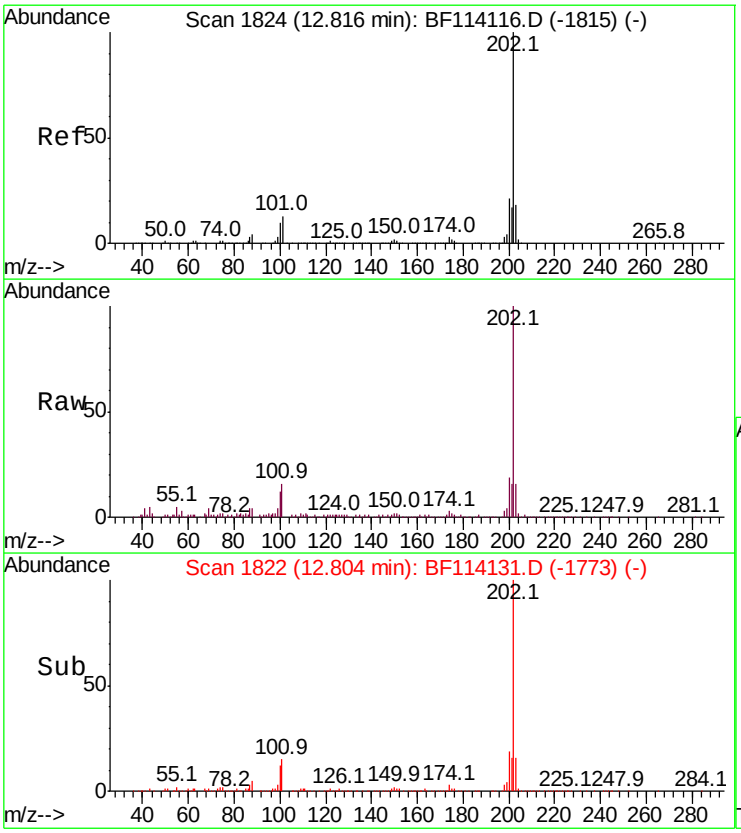
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:240 Resp: 730194

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.5	20.8	31.2

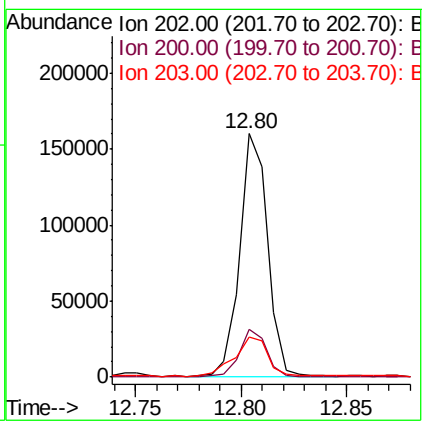


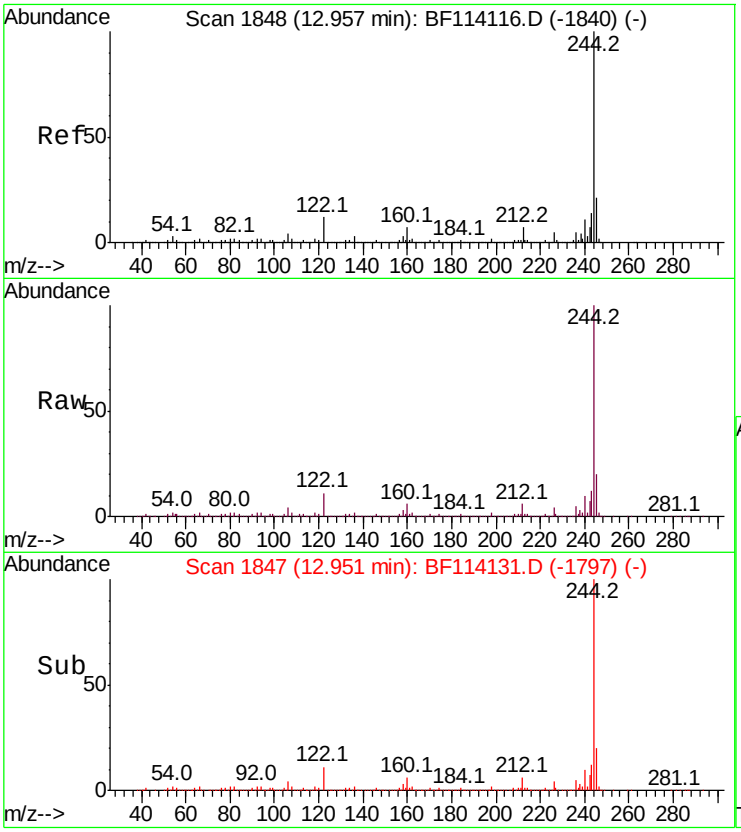


#78
Pyrene
Concen: 2.466 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:202 Resp: 144880

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	16.4	14.5	21.7



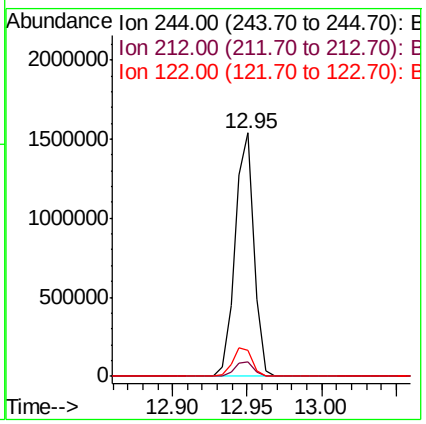


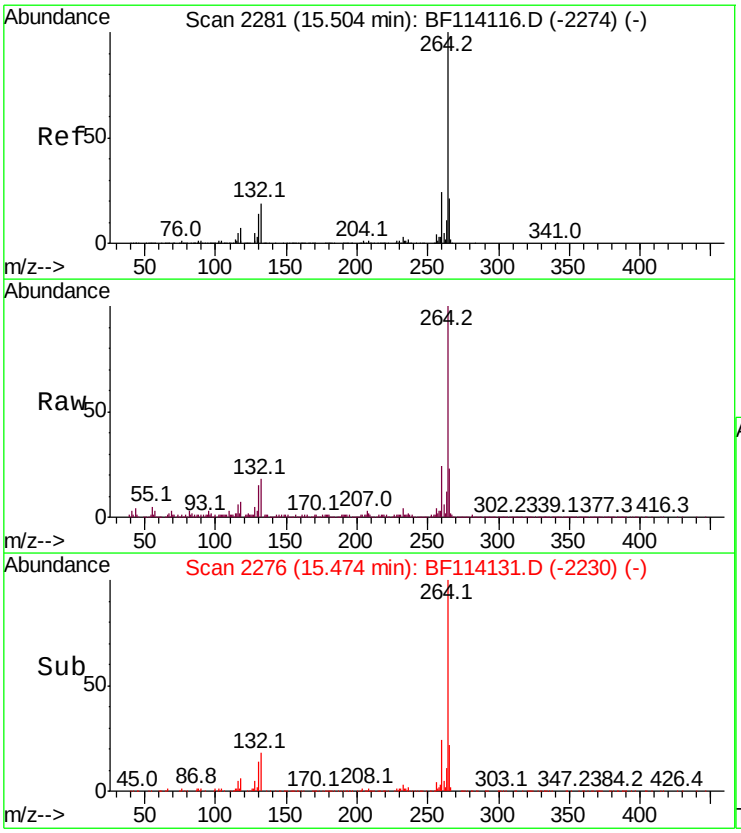
#79
Terphenyl-d14
Concen: 38.515 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:244 Resp: 1364249

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.8	8.6
122	10.9	9.4	14.2

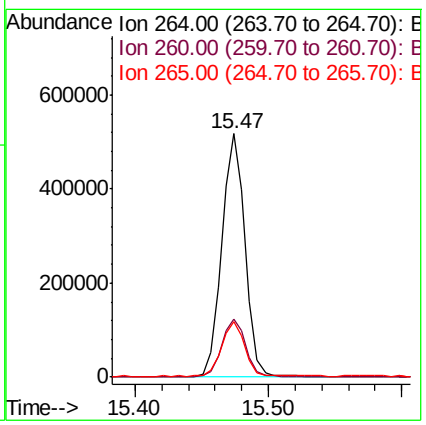


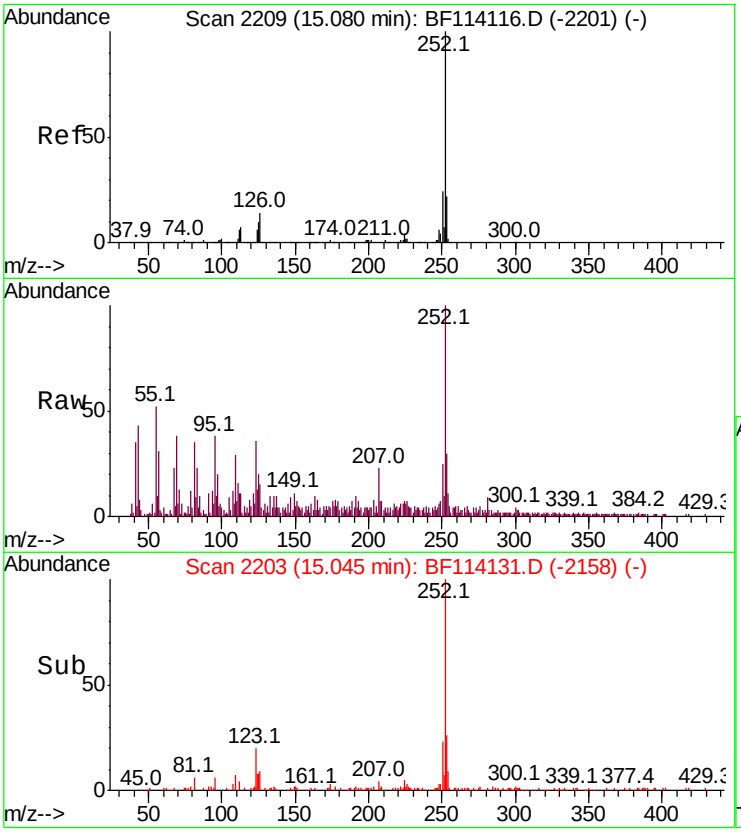


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:264 Resp: 631289

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.5	16.9	25.3



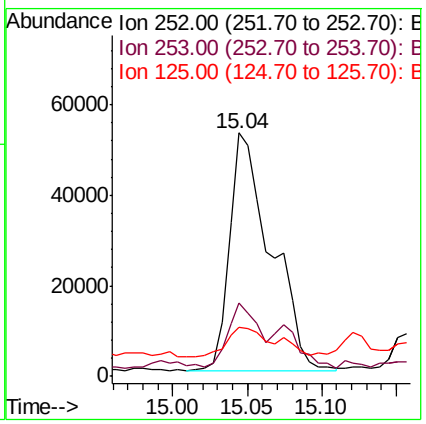


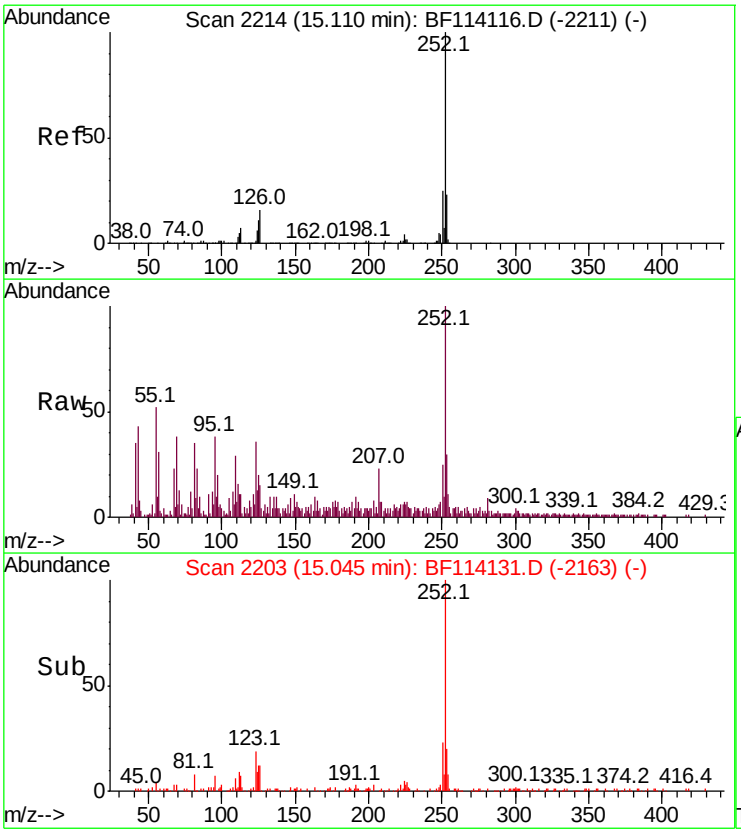
#88
Benzo(b)fluoranthene
Concen: 2.518 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:252 Resp: 101845

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.8#
125	20.0	8.3	12.5#





#89
Benzo(k)fluoranthene
Concen: 2.741 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.06 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:252 Resp: 101845

Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	20.0	8.6	13.0#