Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114542.D
Acq On : 23 May 2019 23:47
Operator : JU/SJ
Sample : K2997-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 24 07:21:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154740	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	600573	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	289692	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	619566	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	406158	20.00	ng	-0.02
87) Perylene-d12	15.44	264	334410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	744312	77.41	ng	-0.03
7) Phenol-d6	6.46	99	967406	85.06	ng	-0.03
23) Nitrobenzene-d5	7.37	82	603342	56.38	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	257486	85.97	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1166586	60.91	ng	-0.02
79) Terphenyl-d14	12.92	244	1311912	66.59	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	78462	10.885	ng	# 75
25) Isophorone	7.37	82	603389	30.402	ng	# 64
47) 2-Chloronaphthalene	9.46	162	72148	3.831	ng	# 39
51) 2,6-Dinitrotoluene	9.85	165	37213	7.889	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	37213	5.813	ng	# 26
67) 4-Bromophenyl-phenylether	10.64	248	17296	2.535	ng	# 1
75) Fluoranthene	12.55	202	88307	2.721	ng	99
78) Pyrene	12.78	202	95186	2.913	ng	98
88) Benzo(b)fluoranthene	15.02	252	57038	2.662	ng	# 92
89) Benzo(k)fluoranthene	15.02	252	57038	2.898	ng	# 93

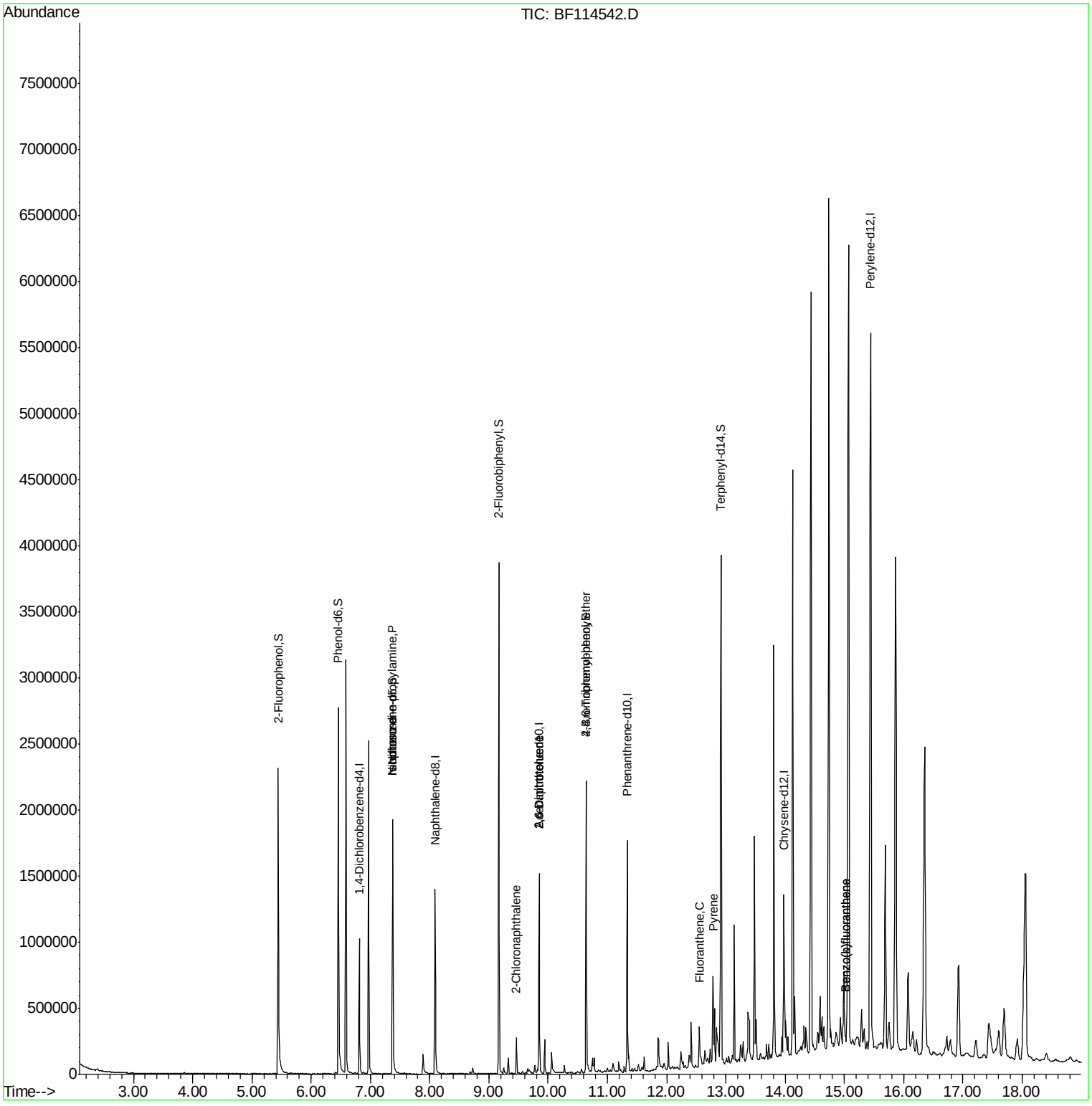
(#) = qualifier out of range (m) = manual integration (+) = signals summed

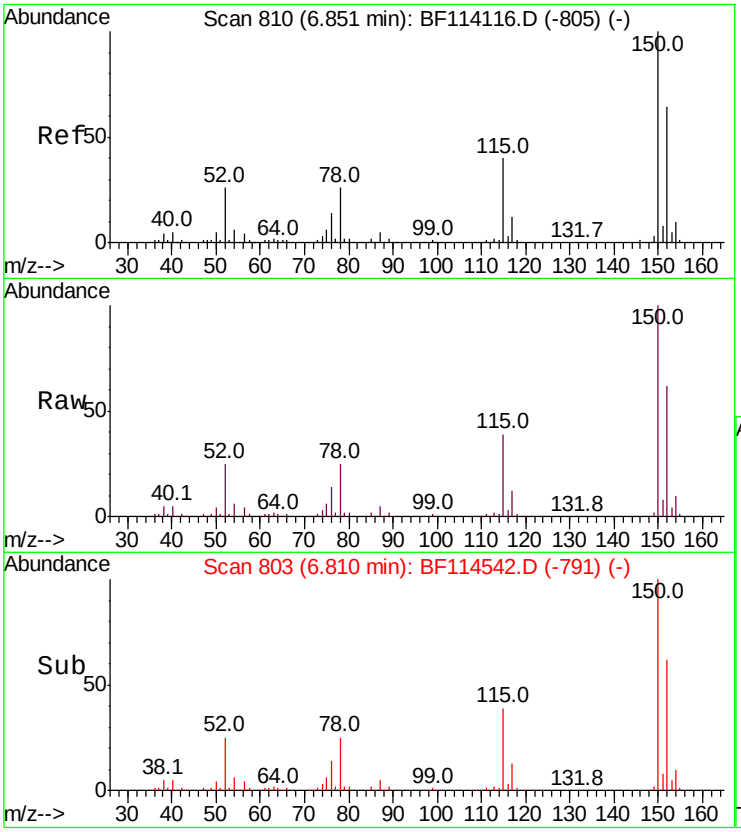
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114542.D
Acq On : 23 May 2019 23:47
Operator : JU/SJ
Sample : K2997-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 24 07:21:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



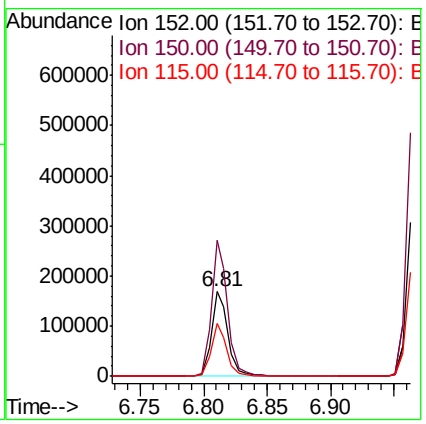


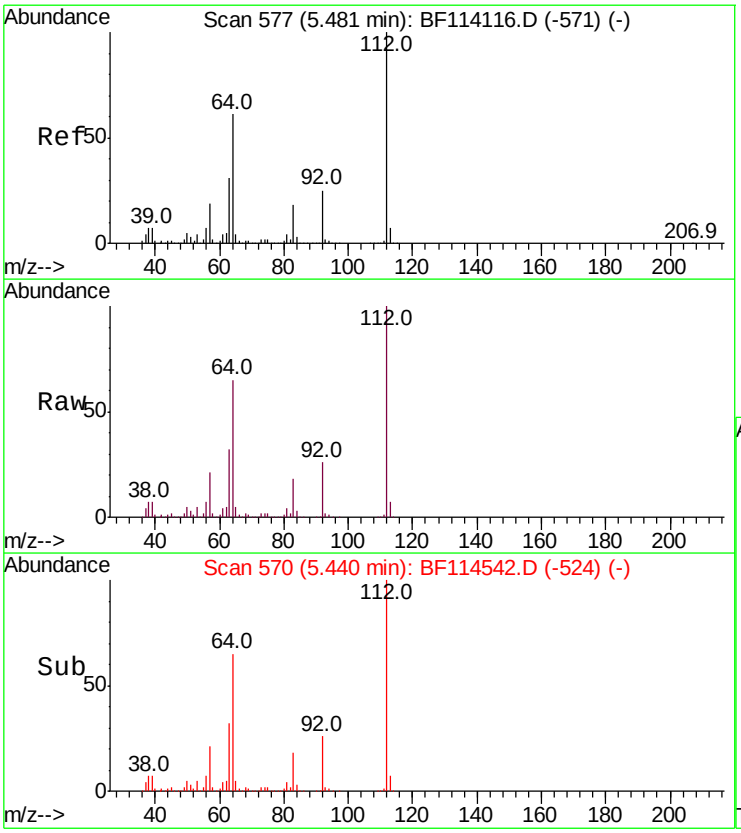
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154740

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.3	186.5
115	61.9	49.1	73.7

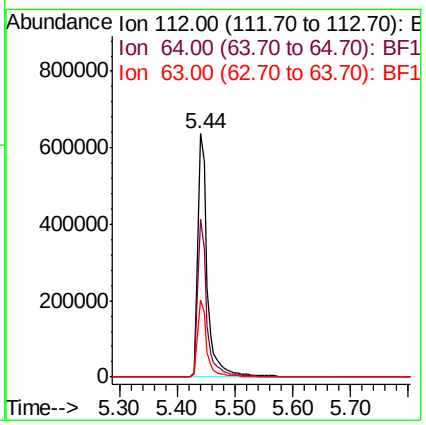


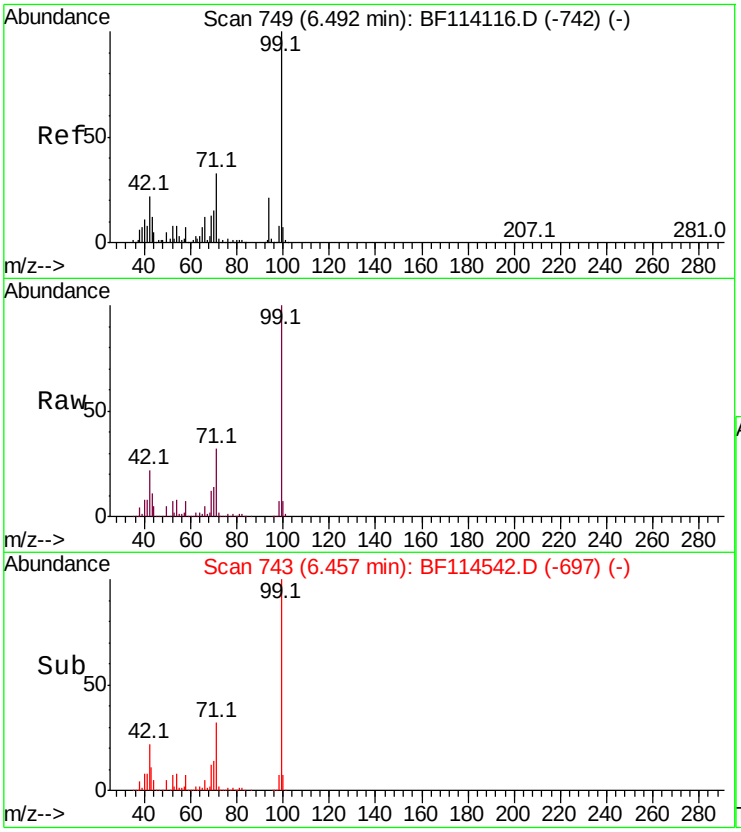


#5
2-Fluorophenol
Concen: 77.407 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:112 Resp: 744312

Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.0	73.6
63	32.0	24.6	37.0



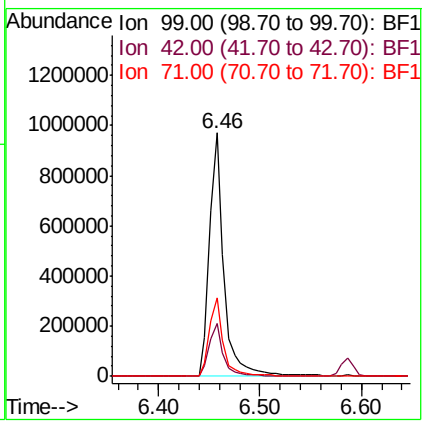


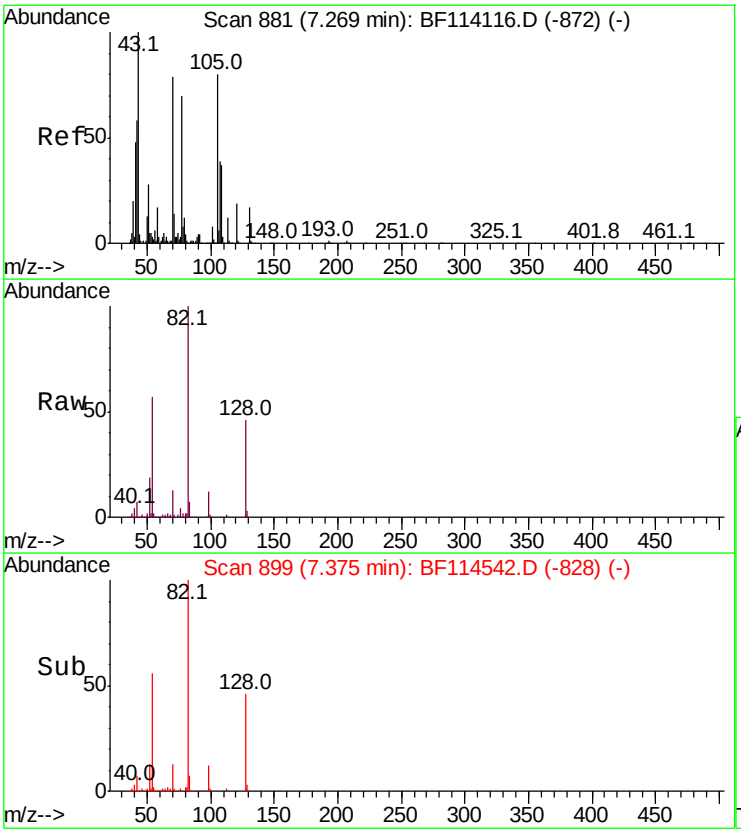
#7
Phenol-d6
Concen: 85.064 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 967406

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	32.2	26.2	39.2

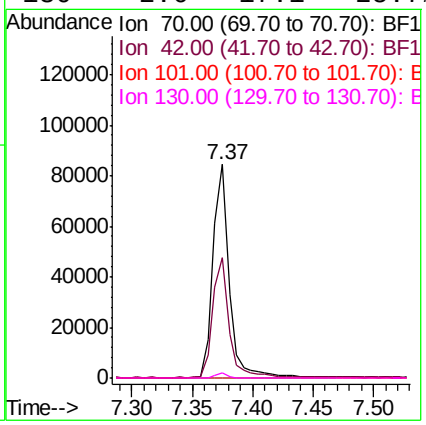


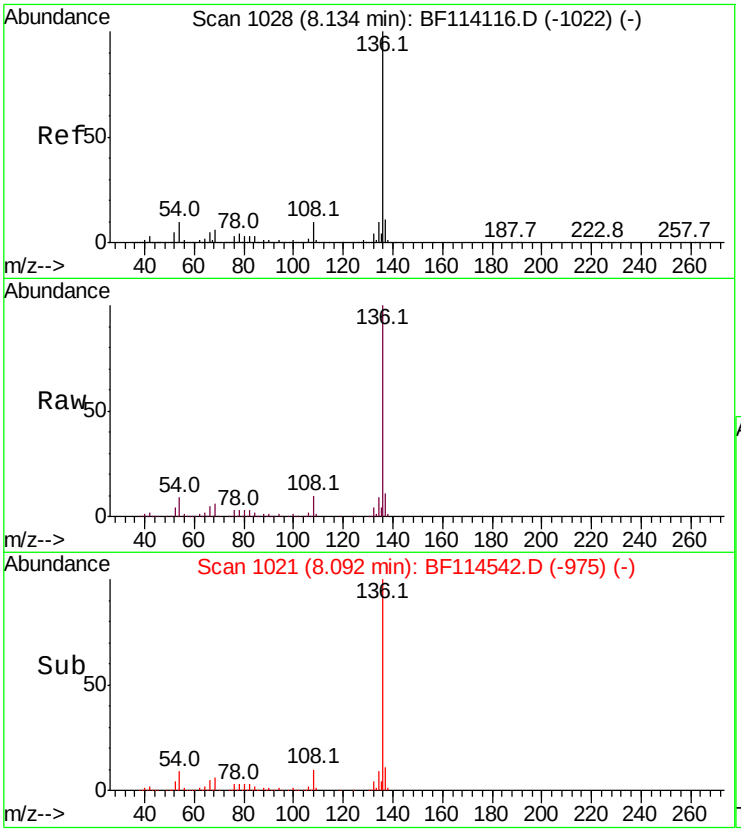


#19
n-Nitroso-di-n-propylamine
Concen: 10.885 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.12 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion: 70 Resp: 78462

Ion	Ratio	Lower	Upper
70	100		
42	56.1	58.6	87.8#
101	0.0	7.8	11.8#
130	2.6	17.1	25.7#



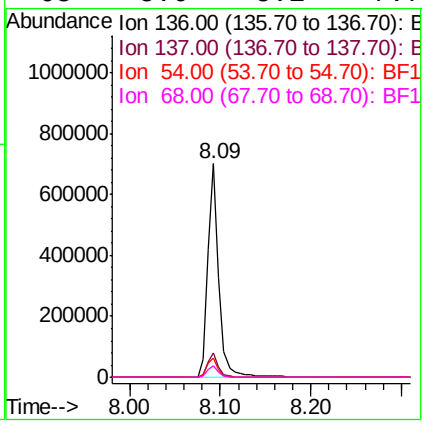


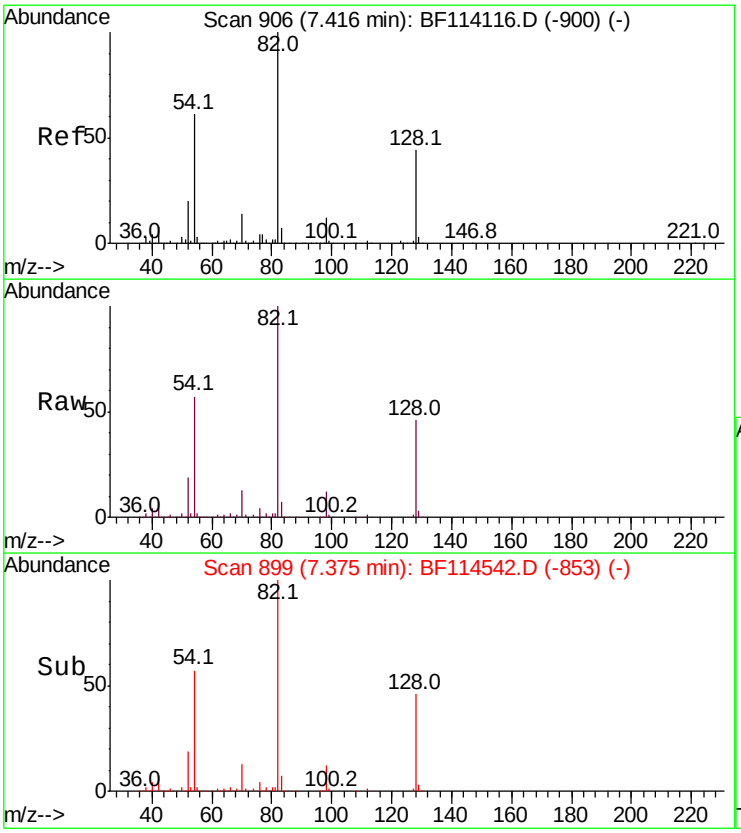
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 600573

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.8	11.8
68	5.6	5.1	7.7

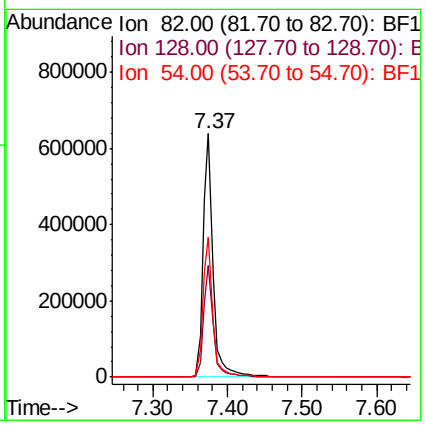


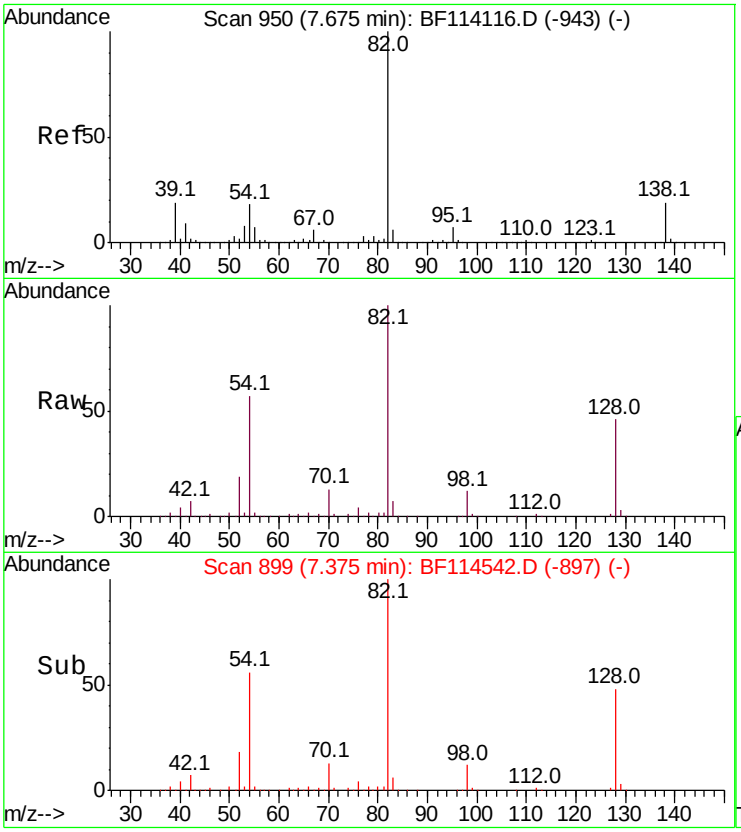


#23
Nitrobenzene-d5
Concen: 56.379 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion: 82 Resp: 603342

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.5	53.3
54	57.5	48.5	72.7



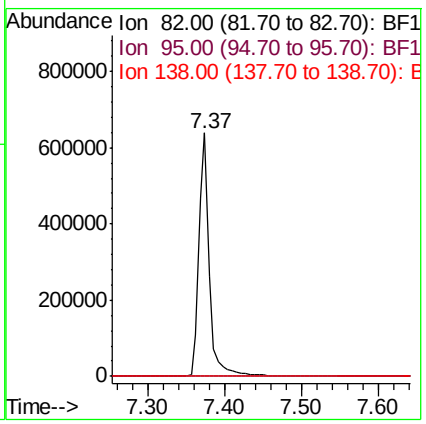


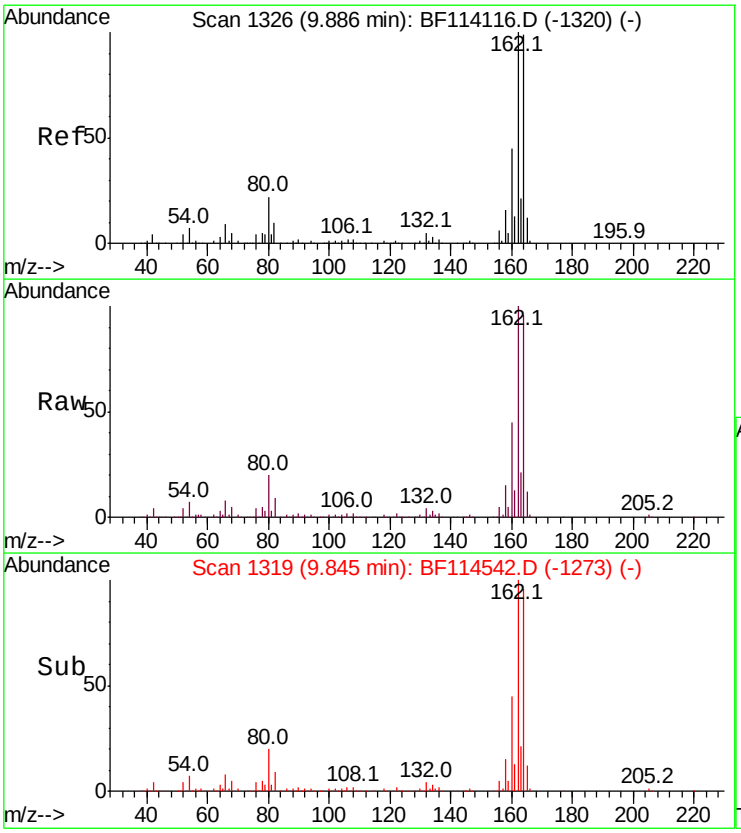
#25
Isophorone
Concen: 30.402 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.29 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 603389

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

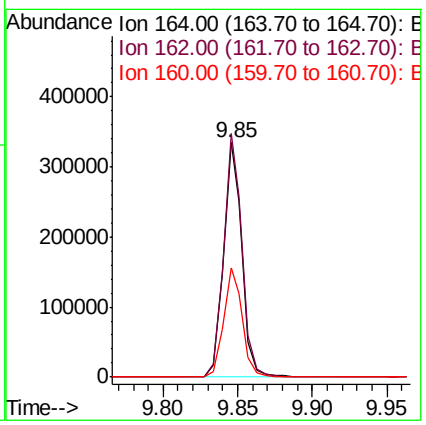


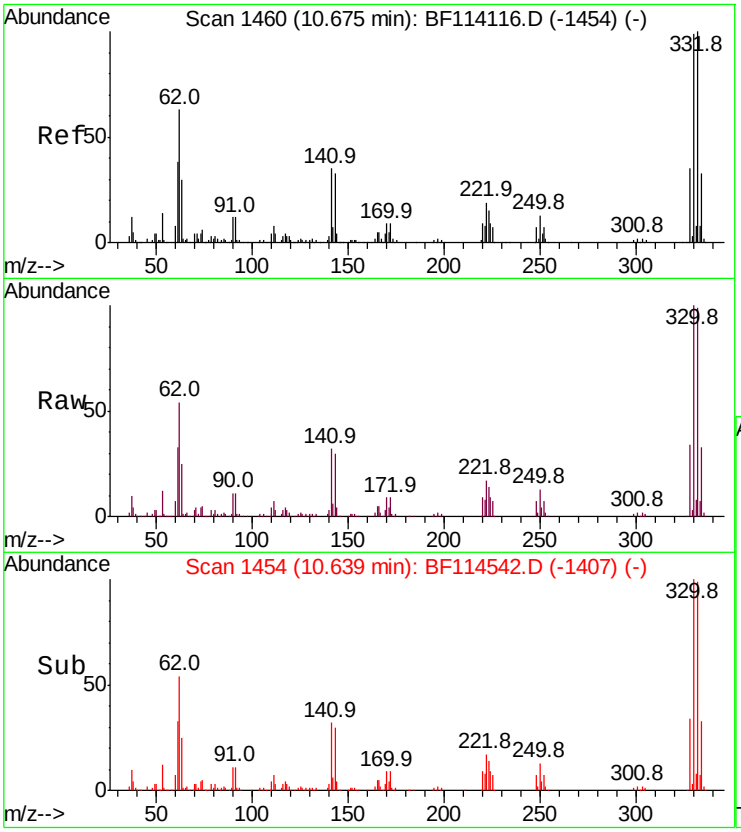


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:164 Resp: 289692

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	120.8
160	46.9	36.5	54.7



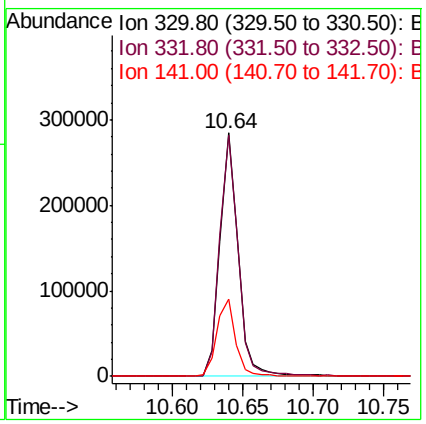


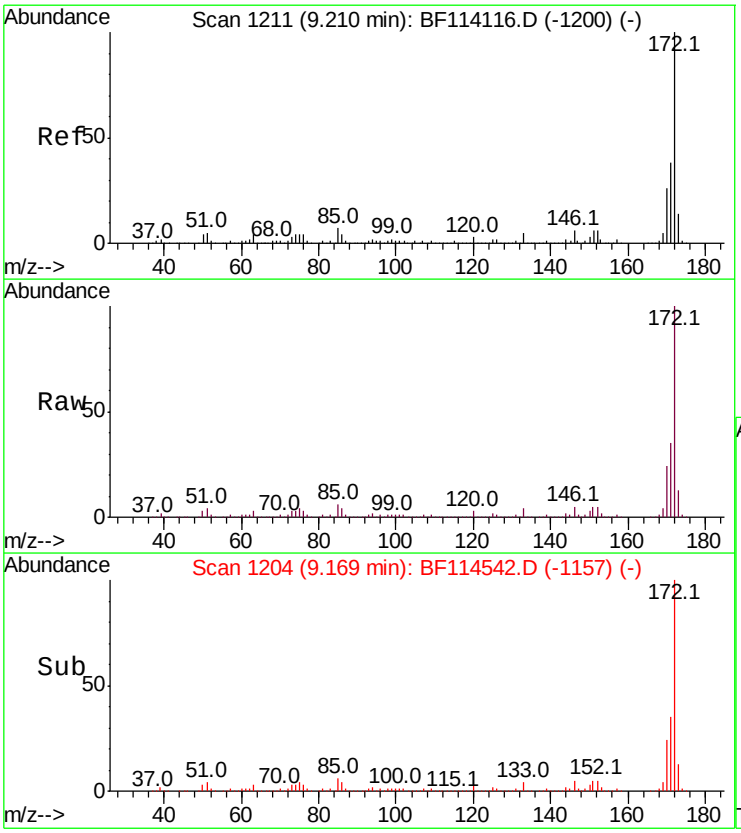
#42
2,4,6-Tribromophenol
Concen: 85.974 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 257486

Ion	Ratio	Lower	Upper
330	100		
332	101.6	81.4	122.2
141	33.1	26.6	40.0

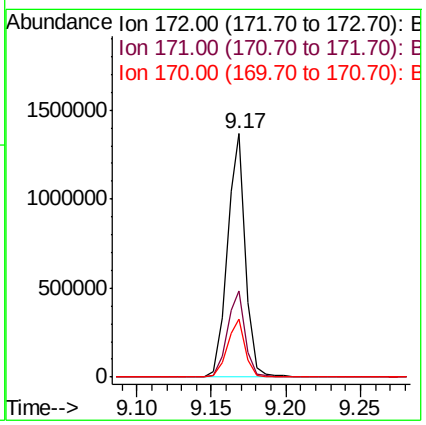


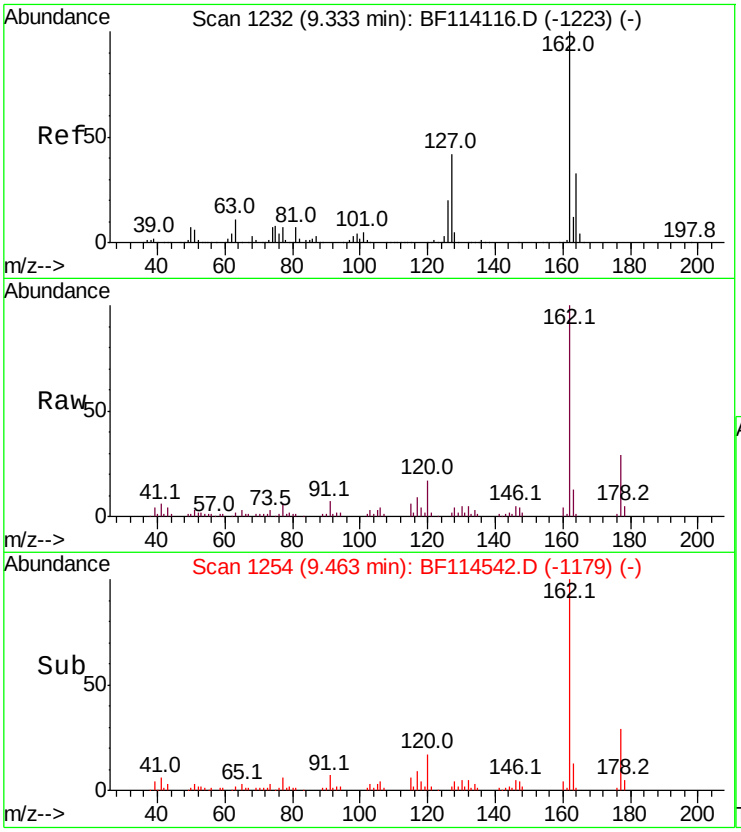


#45
2-Fluorobiphenyl
Concen: 60.915 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:172 Resp: 1166586

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.7	46.1
170	23.7	20.5	30.7



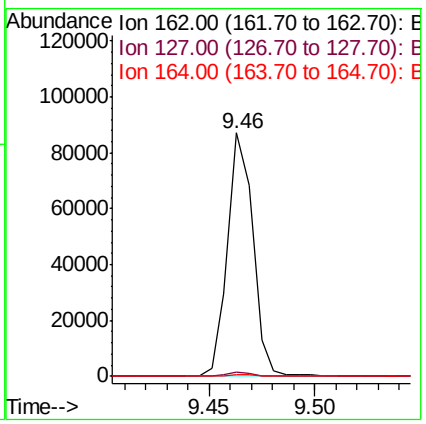


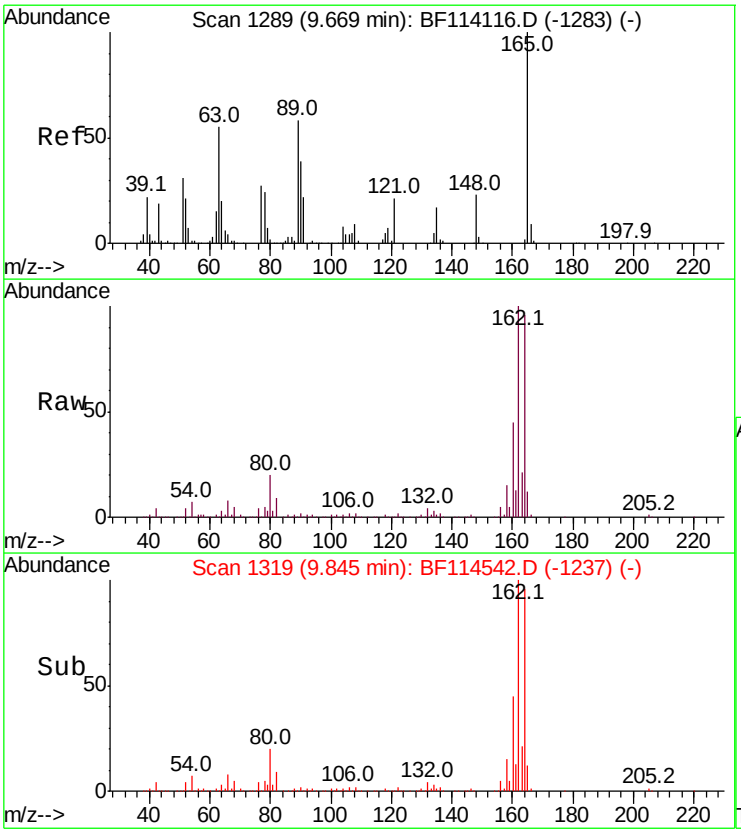
#47
2-Chloronaphthalene
Concen: 3.831 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.14 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 72148

Ion	Ratio	Lower	Upper
162	100		
127	1.7	34.0	51.0#
164	0.9	26.7	40.1#

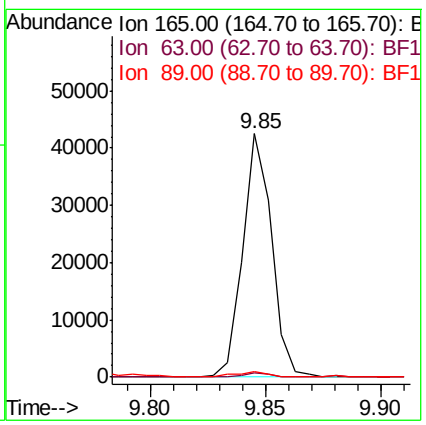


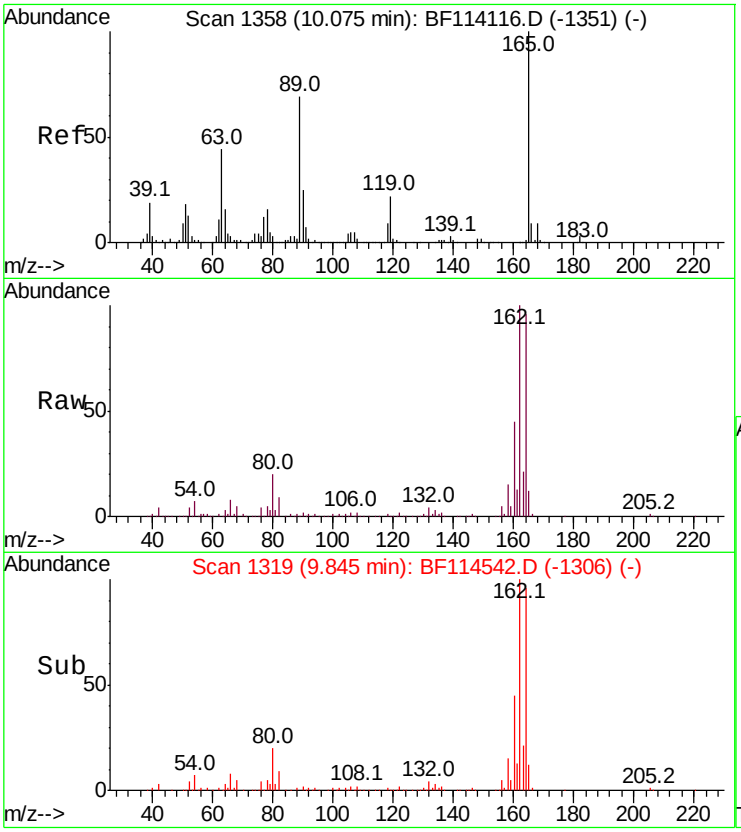


#51
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.18 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:165 Resp: 37213

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	2.1	46.6	69.8#



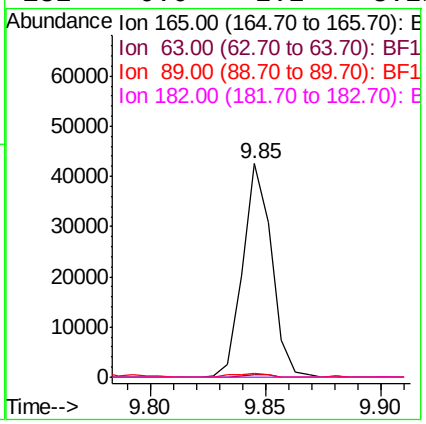


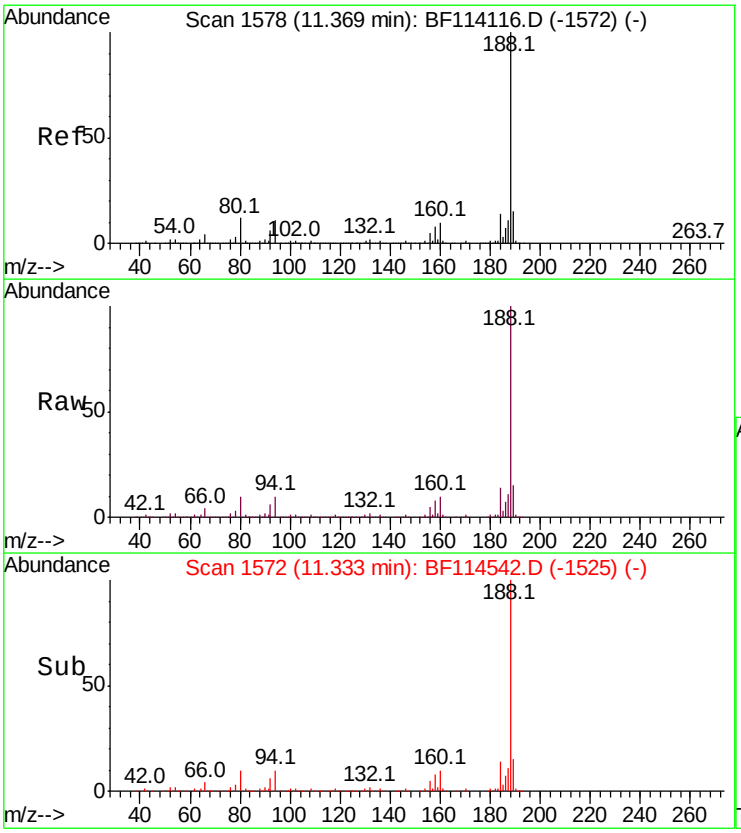
#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.22 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37213

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	2.1	55.2	82.8#
182	0.0	2.2	3.2#

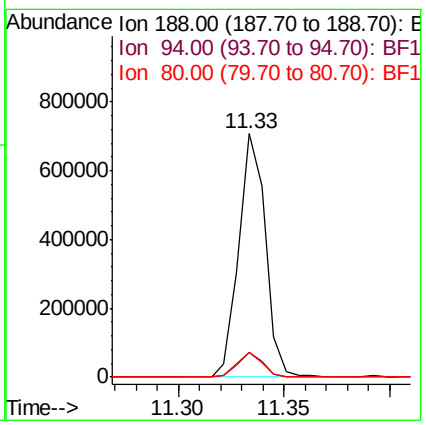


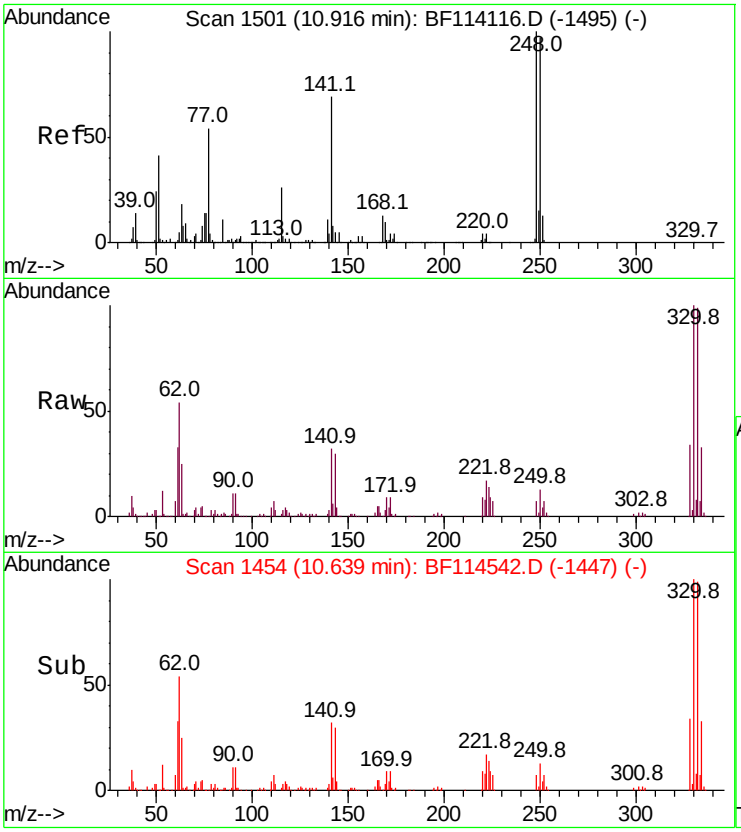


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:188 Resp: 619566

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	10.4	9.2	13.8



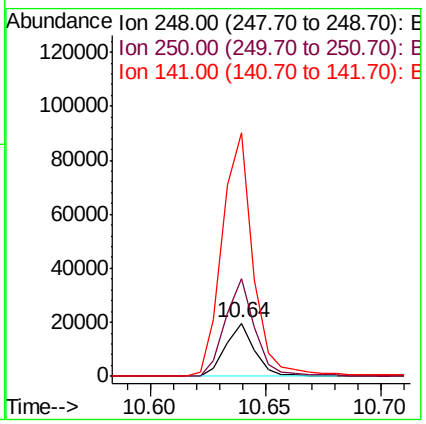


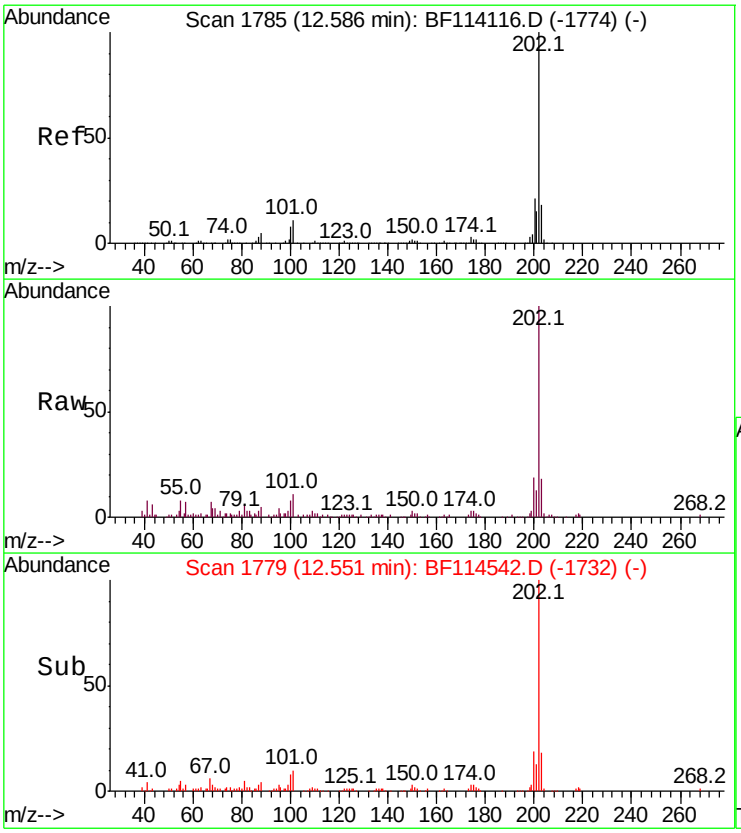
#67
4-Bromophenyl-phenylether
Concen: 2.535 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17296

Ion	Ratio	Lower	Upper
248	100		
250	185.5	77.4	116.2#
141	459.7	55.6	83.4#

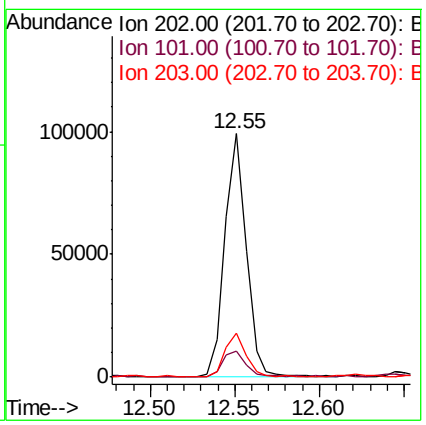


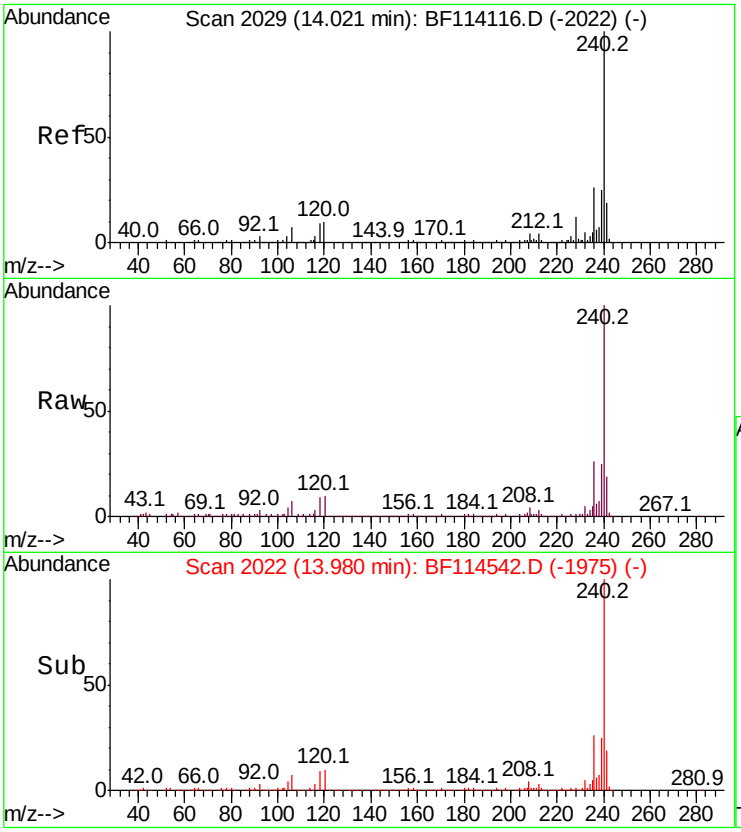


#75
Fluoranthene
Concen: 2.721 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:202 Resp: 88307

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	18.0	0.0	38.4



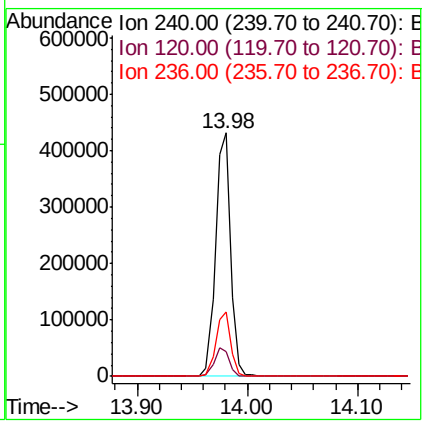


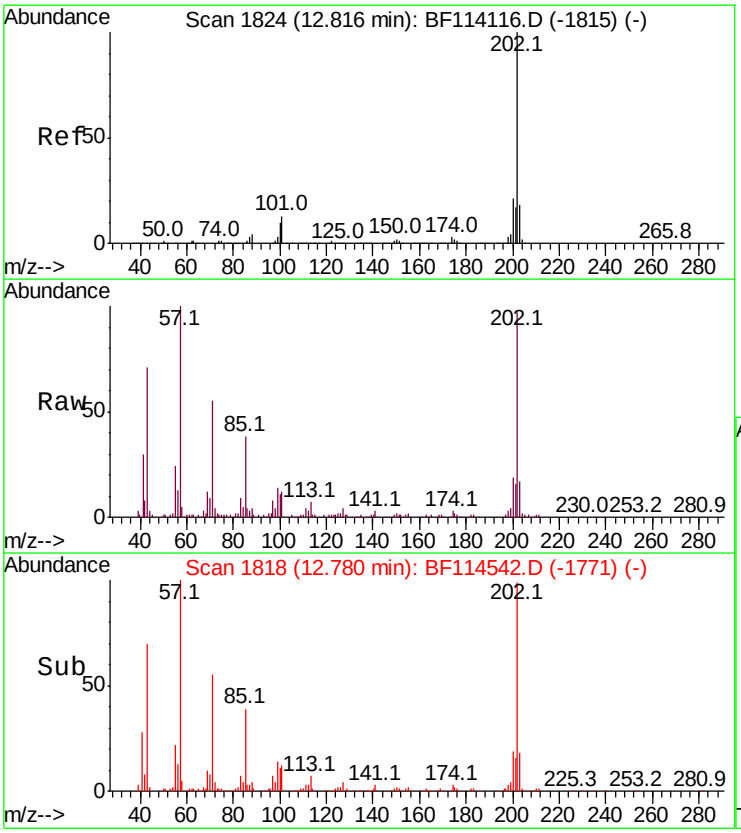
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 406158

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.2	20.8	31.2

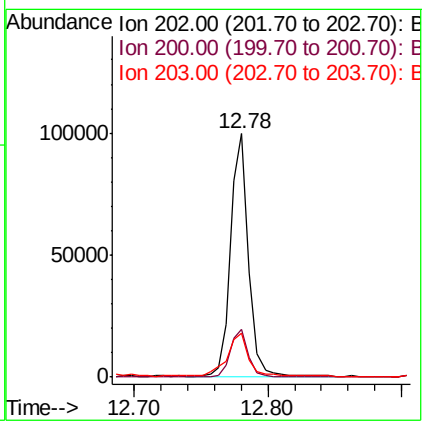


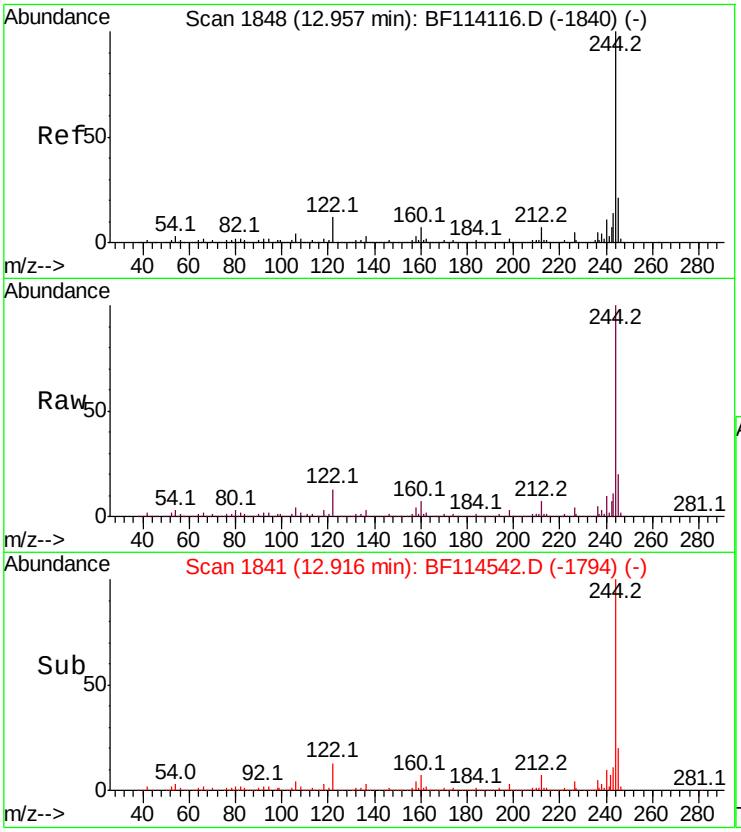


#78
Pyrene
Concen: 2.913 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:202 Resp: 95186

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.9	14.5	21.7



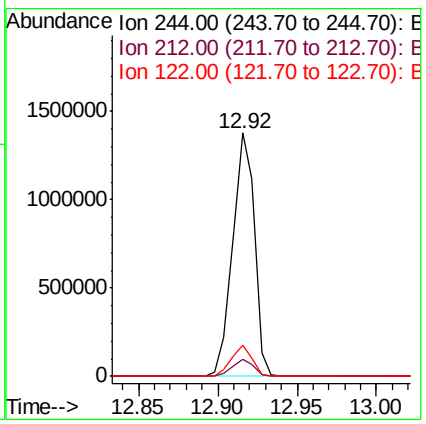


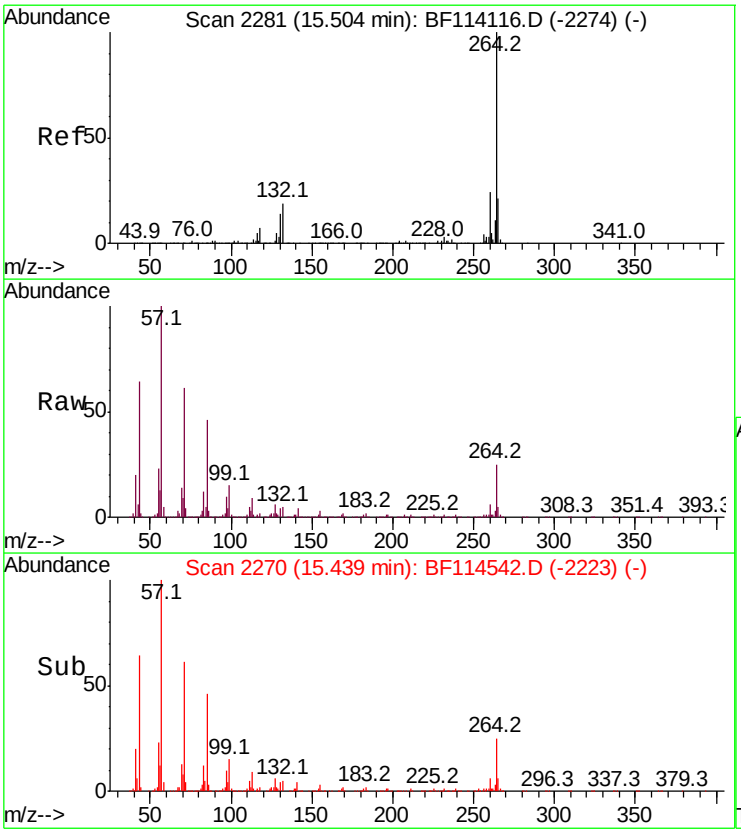
#79
Terphenyl-d14
Concen: 66.585 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1311912

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.9	9.4	14.2

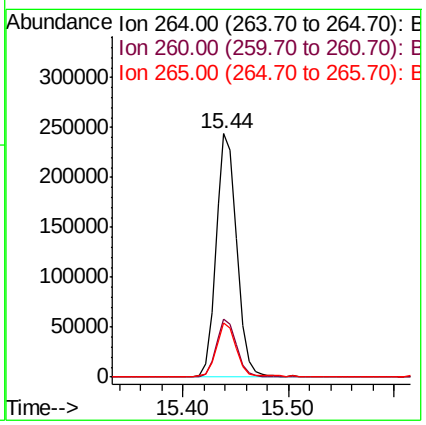


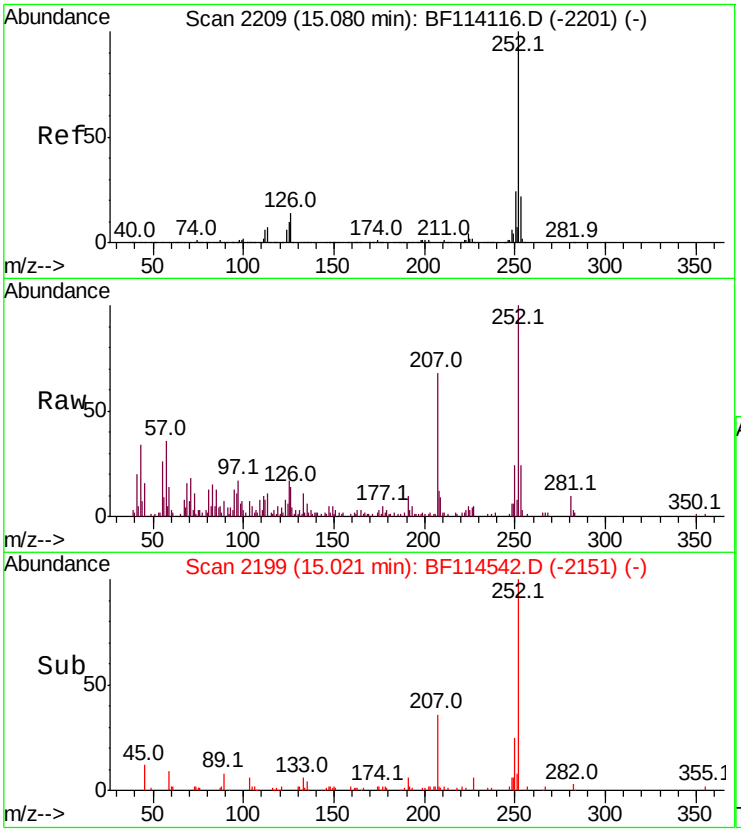


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:264 Resp: 334410

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.4	16.9	25.3



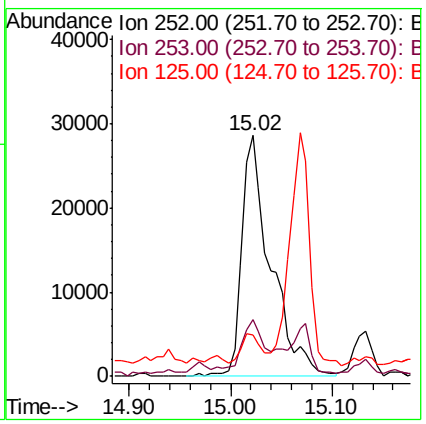


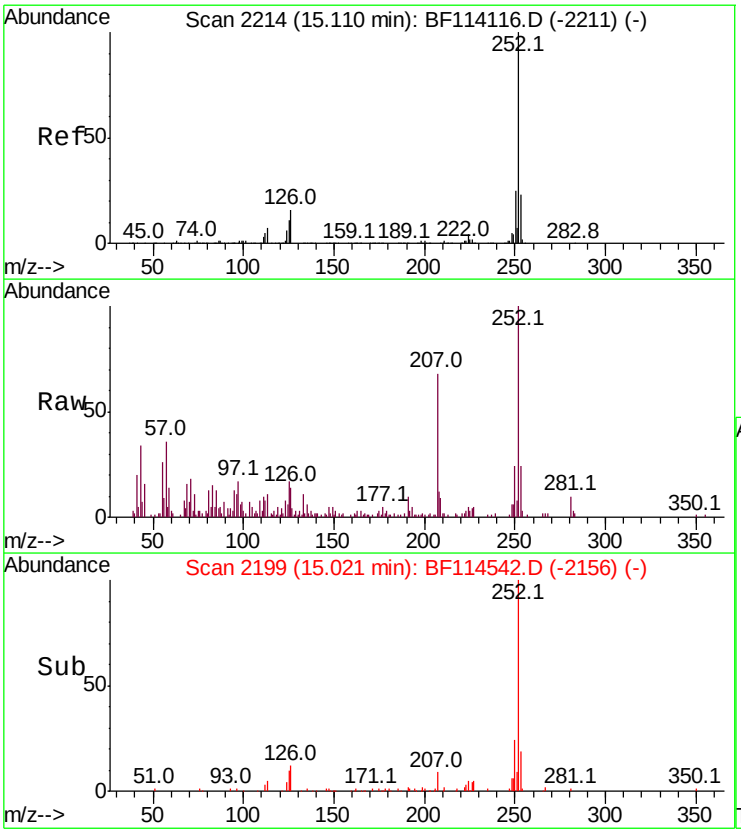
#88
Benzo(b)fluoranthene
Concen: 2.662 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57038

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	17.0	8.3	12.5#





#89
Benzo(k)fluoranthene
Concen: 2.898 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion:252 Resp: 57038

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	17.0	8.6	13.0#