Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116806.D
Acq On : 4 Sep 2019 11:03
Operator : HP/JU
Sample : K4623-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 02:04:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	65743	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	263202	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	138028	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	225095	20.00	ng		0.00
76) Chrysene-d12	13.99	240	187990	20.00	ng		0.00
87) Perylene-d12	15.44	264	183698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	434878	107.16	ng		0.00
7) Phenol-d6	6.47	99	596139	111.87	ng		0.00
23) Nitrobenzene-d5	7.40	82	366033	79.39	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	127760	138.46	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	518343	63.35	ng		-0.01
79) Terphenyl-d14	12.95	244	508430	50.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	11242	3.202	ng		85
19) n-Nitroso-di-n-propylamine	7.40	70	48297	13.765	ng	#	72
25) Isophorone	7.40	82	366029	39.179	ng	#	66
50) Dimethylphthalate	9.59	163	90562	9.503	ng		99
57) 2,4-Dinitrotoluene	9.88	165	17028	7.659	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.66	198	288	7.745	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	8560	3.743	ng	#	1
75) Fluoranthene	12.57	202	29494	2.395	ng		85
88) Benzo(b)fluoranthene	15.02	252	25205	2.269	ng	#	94
89) Benzo(k)fluoranthene	15.02	252	25205	2.489	ng	#	95

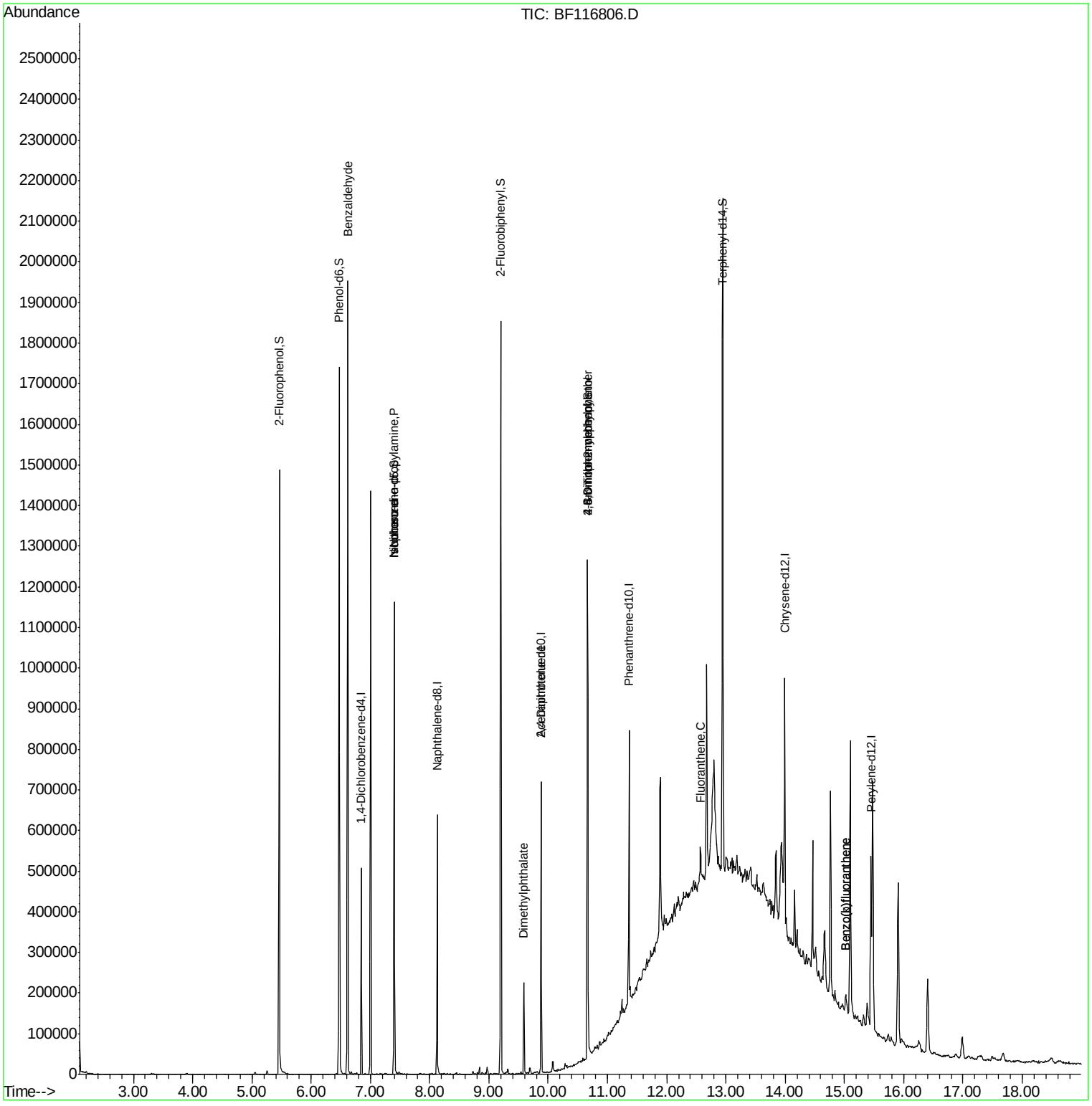
(#) = qualifier out of range (m) = manual integration (+) = signals summed

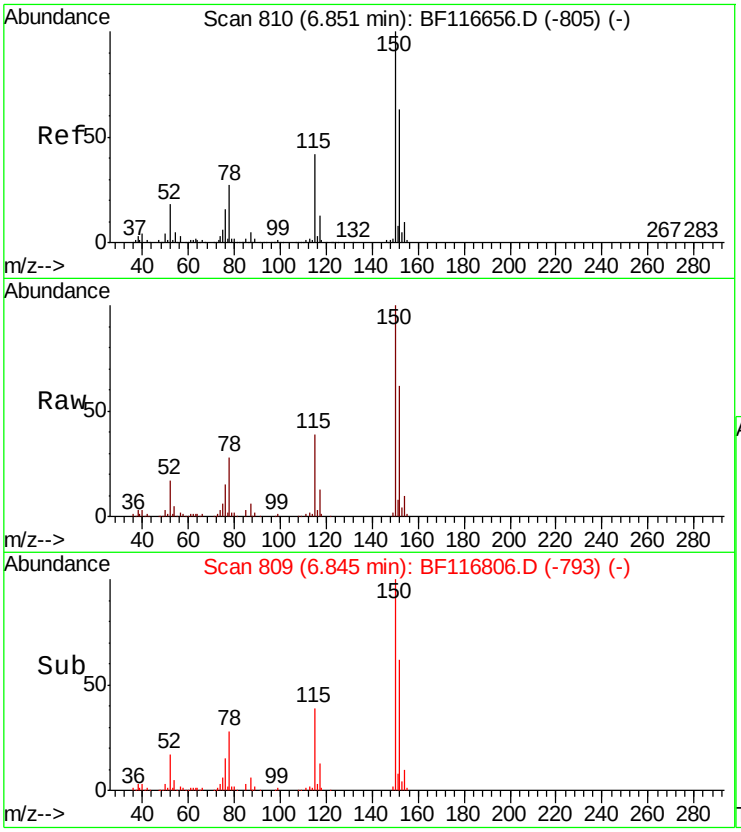
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116806.D
Acq On : 4 Sep 2019 11:03
Operator : HP/JU
Sample : K4623-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 05 02:04:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



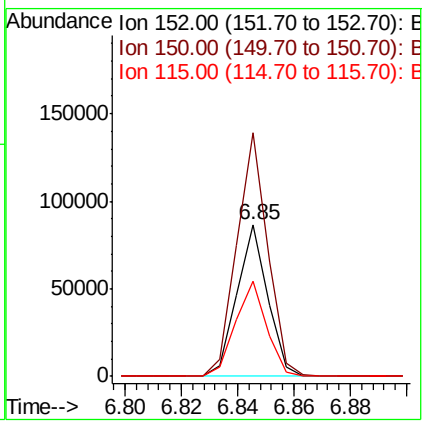


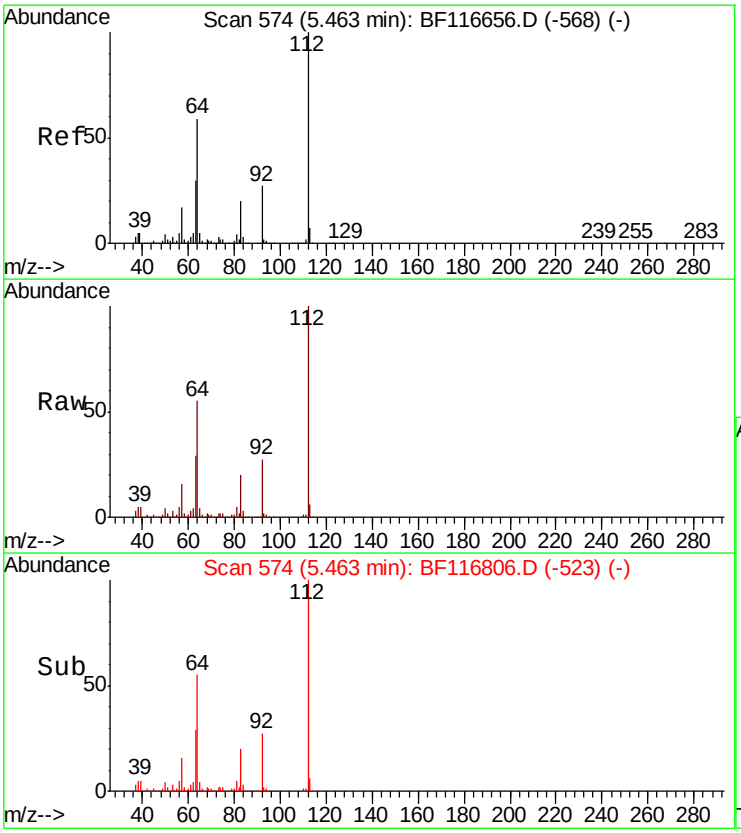
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65743

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.4	186.6
115	62.8	49.9	74.9

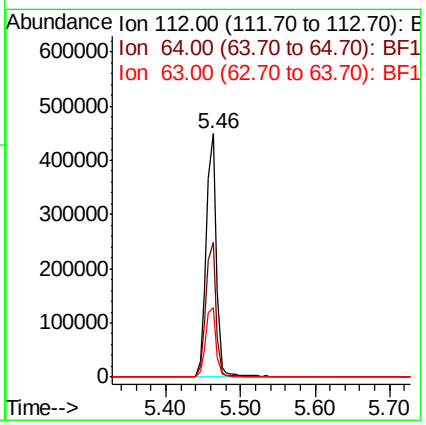


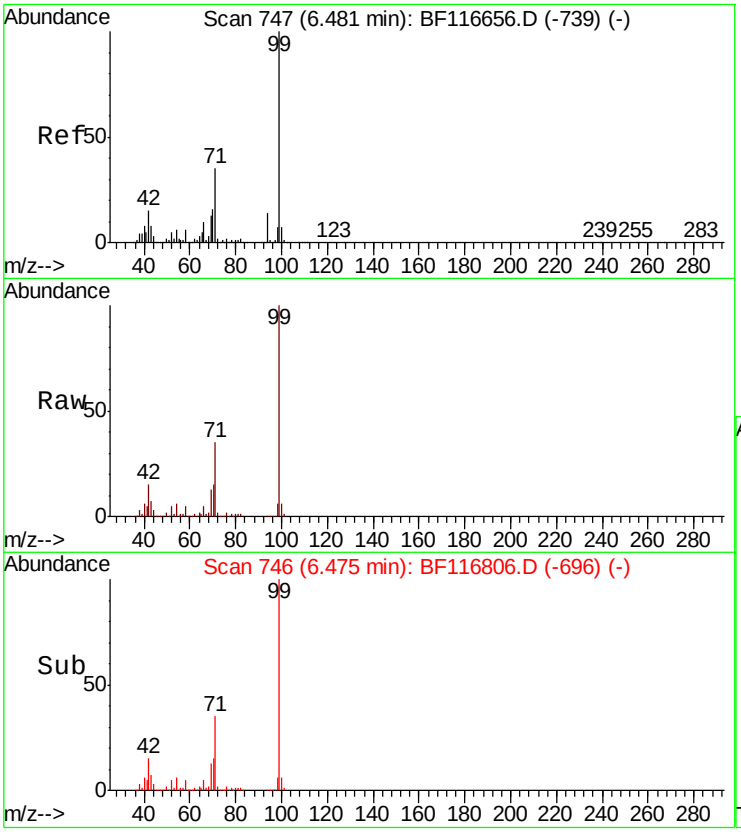


#5
2-Fluorophenol
Concen: 107.164 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:112 Resp: 434878

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.1	70.7
63	28.7	24.9	37.3



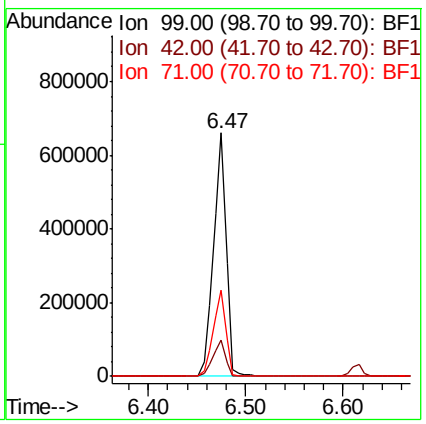


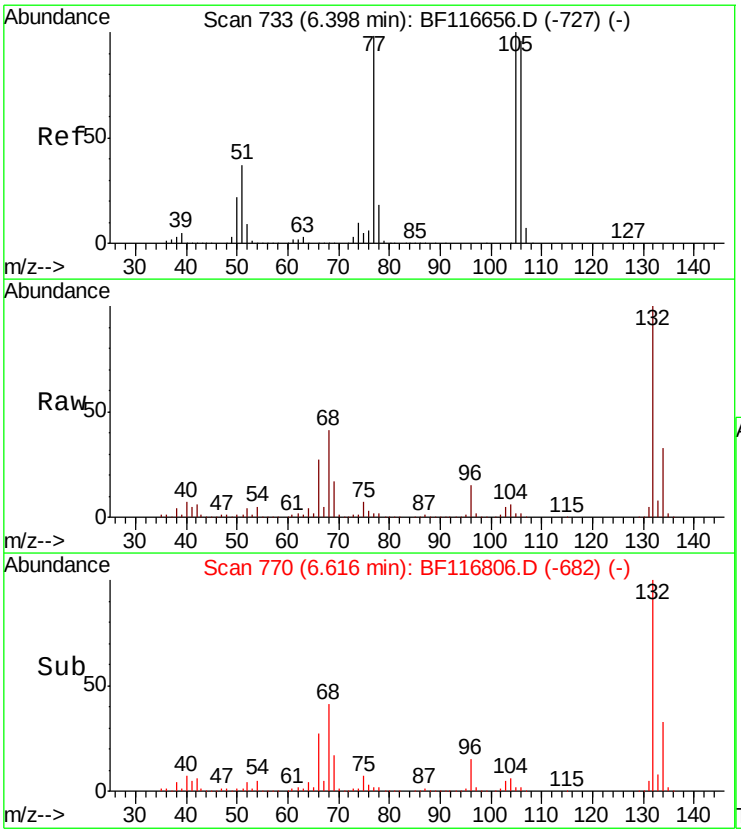
#7
Phenol-d6
Concen: 111.873 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 596139

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	35.2	30.8	46.2

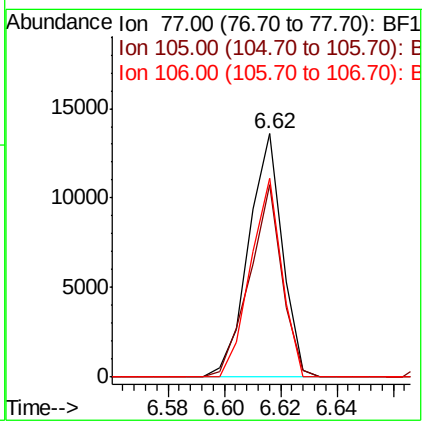


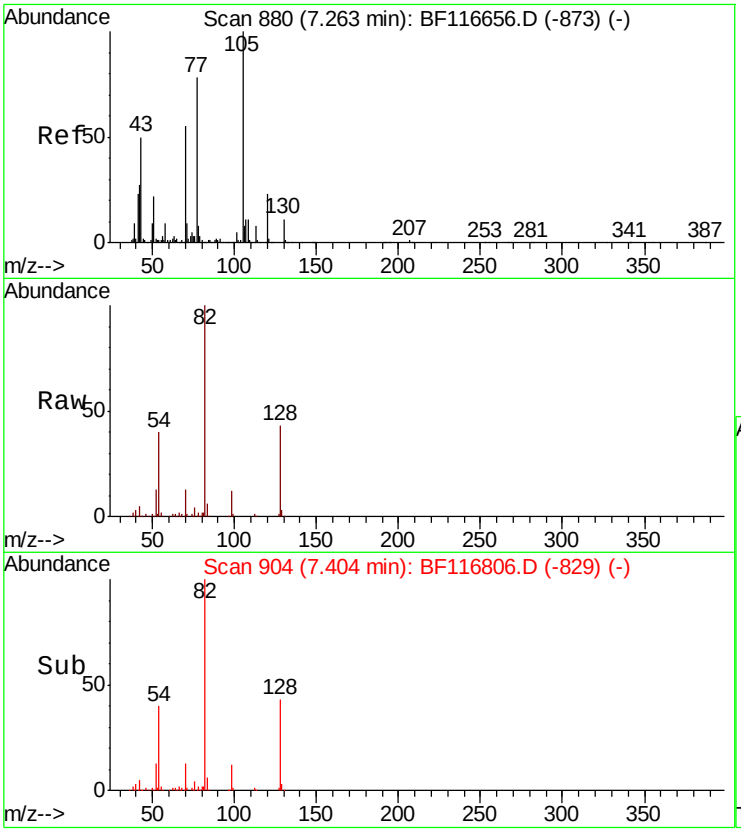


#9
Benzaldehyde
Concen: 3.202 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion: 77 Resp: 11242

Ion	Ratio	Lower	Upper
77	100		
105	78.9	76.7	116.7
106	81.9	73.1	113.1



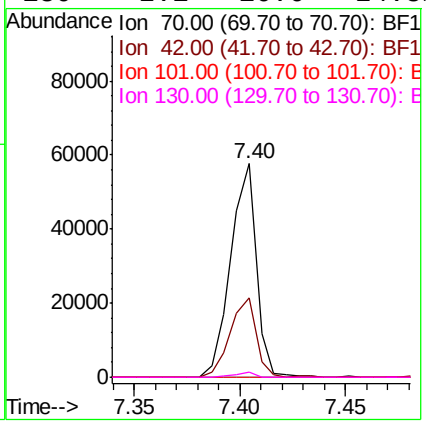


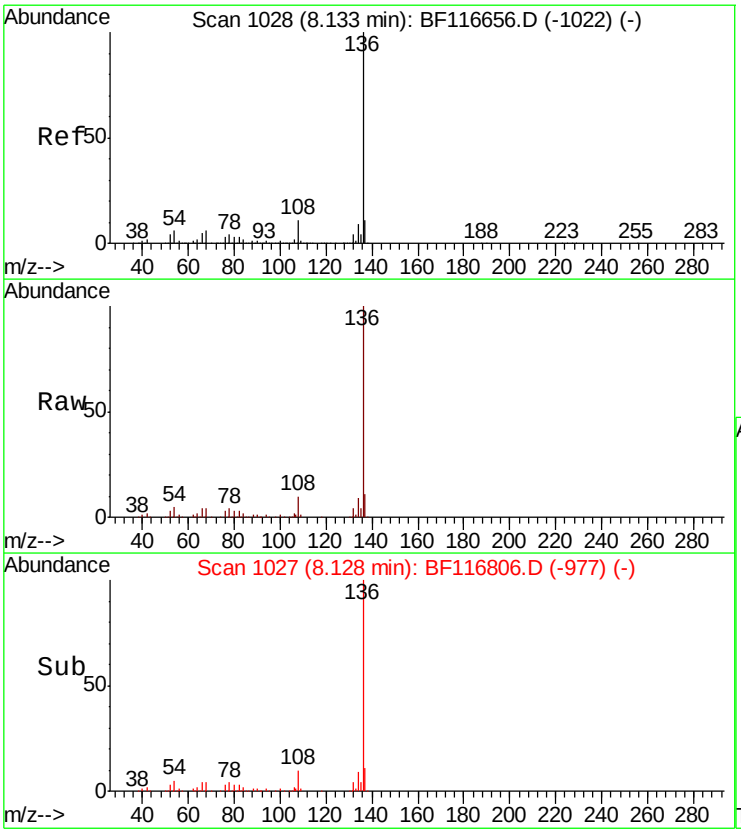
#19
n-Nitroso-di-n-propylamine
Concen: 13.765 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 48297

Ion	Ratio	Lower	Upper
70	100		
42	37.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.1	16.6	24.8#

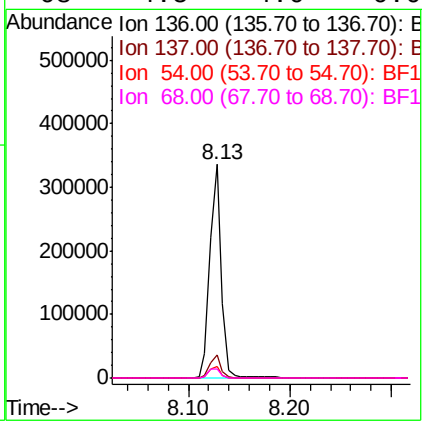


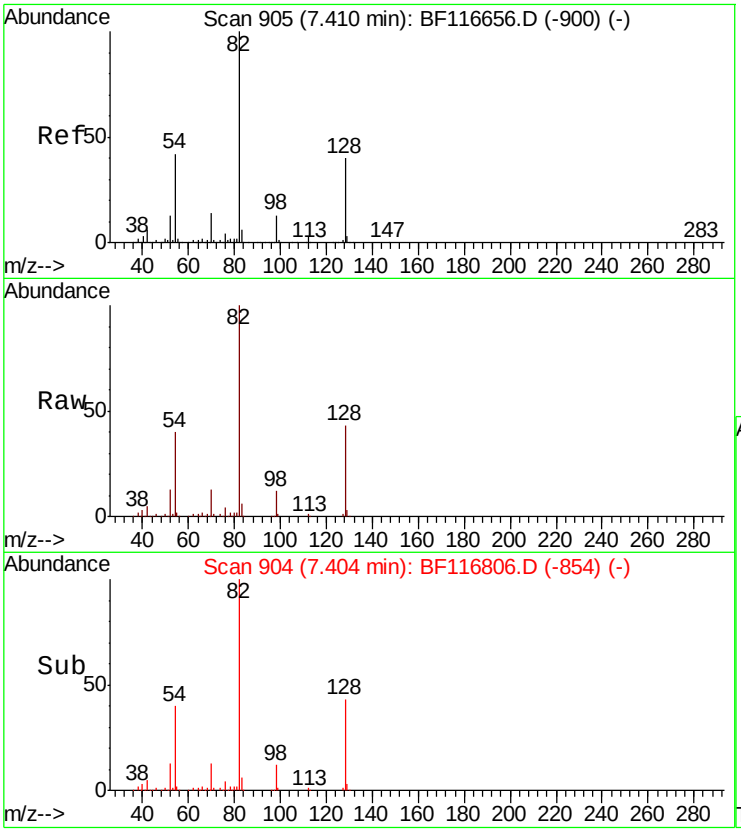


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:136 Resp: 263202

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.1	4.8	7.2
68	4.5	4.0	6.0



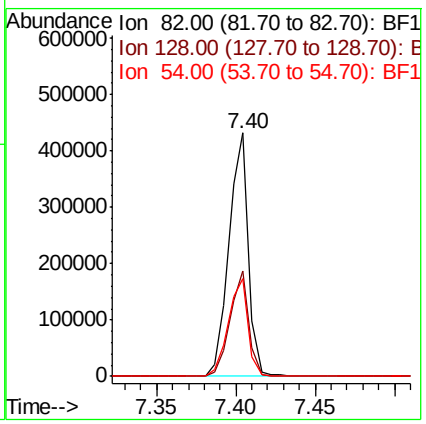


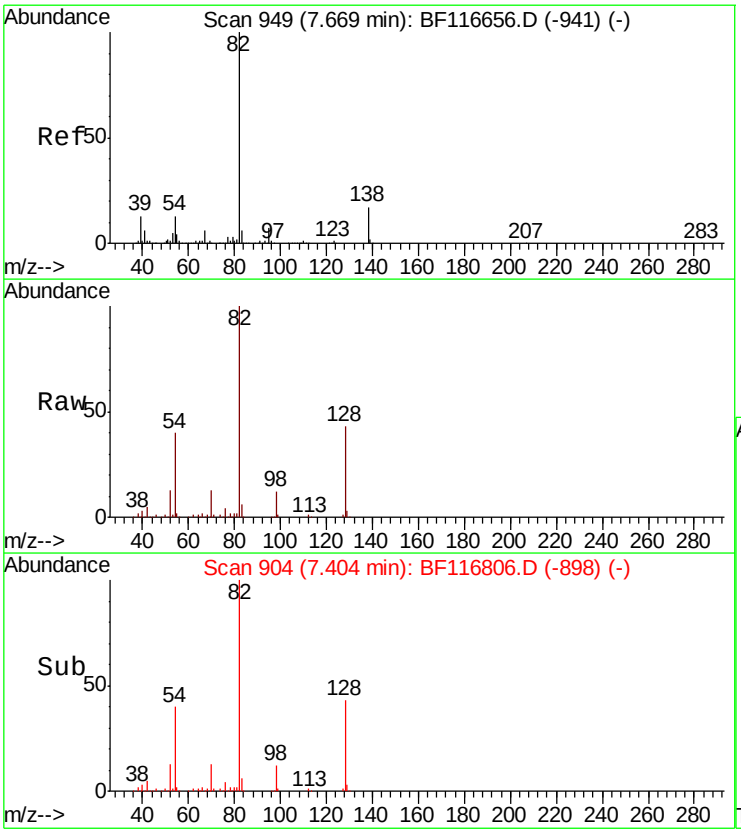
#23
Nitrobenzene-d5
Concen: 79.391 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 366033

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.8	49.2
54	40.3	36.9	55.3

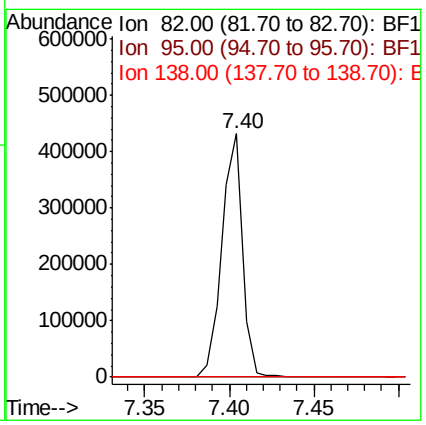


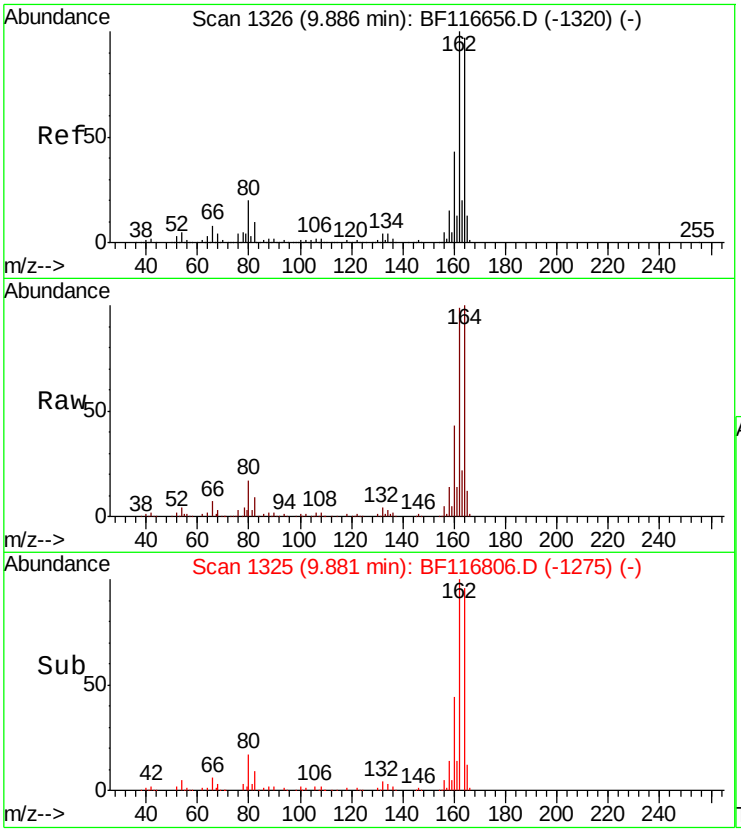


#25
Isophorone
Concen: 39.179 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion: 82 Resp: 366029

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



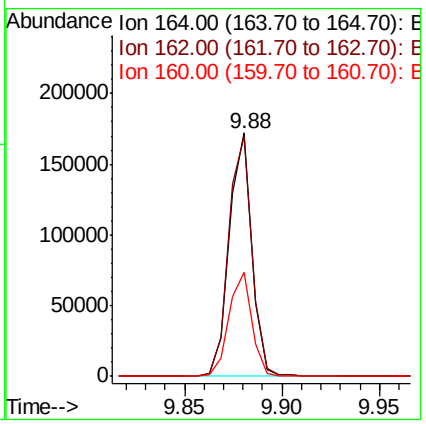


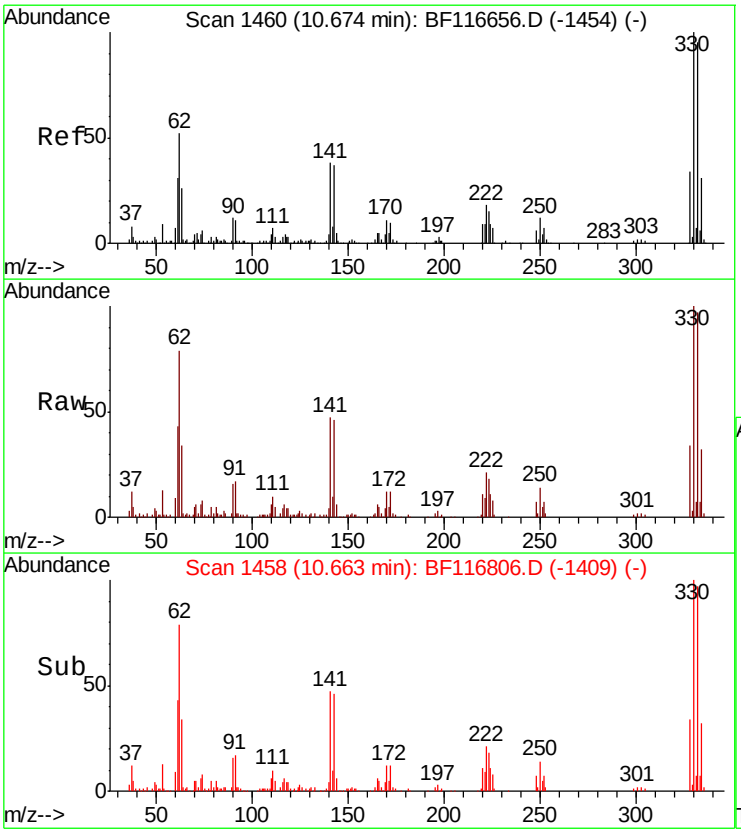
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138028

Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.4	122.0
160	42.9	35.4	53.2

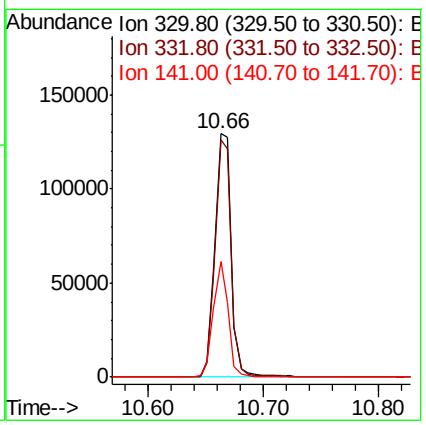


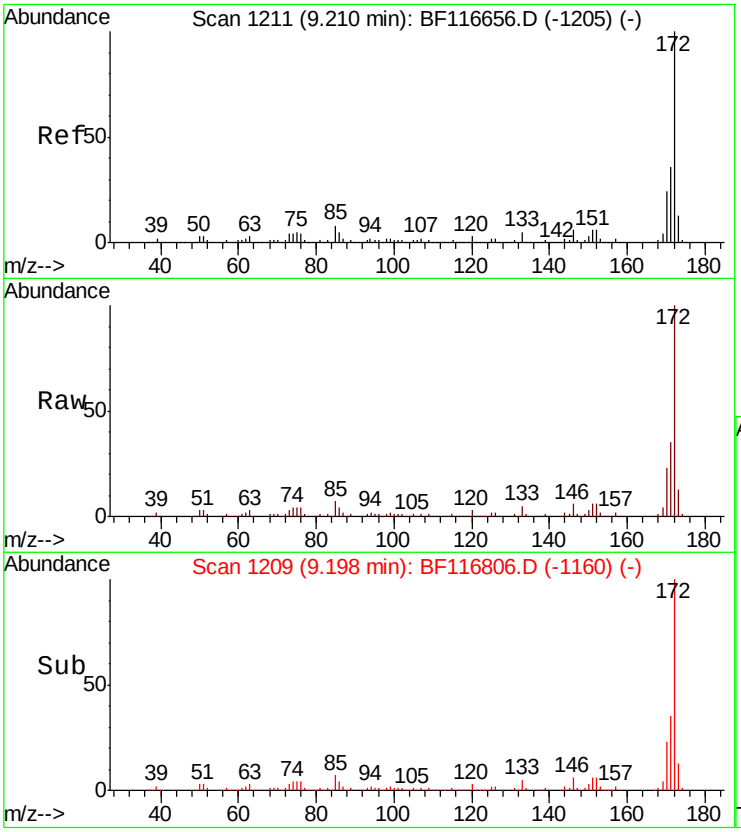


#42
2,4,6-Tribromophenol
Concen: 138.456 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:330 Resp: 127760

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	43.1	31.4	47.2



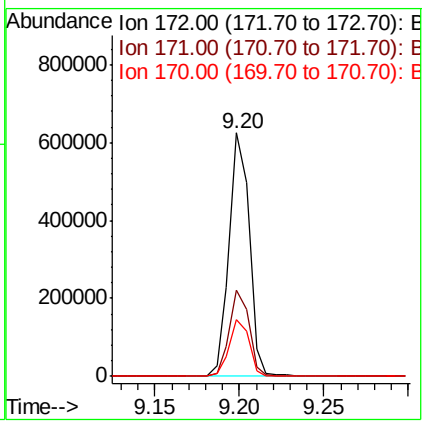


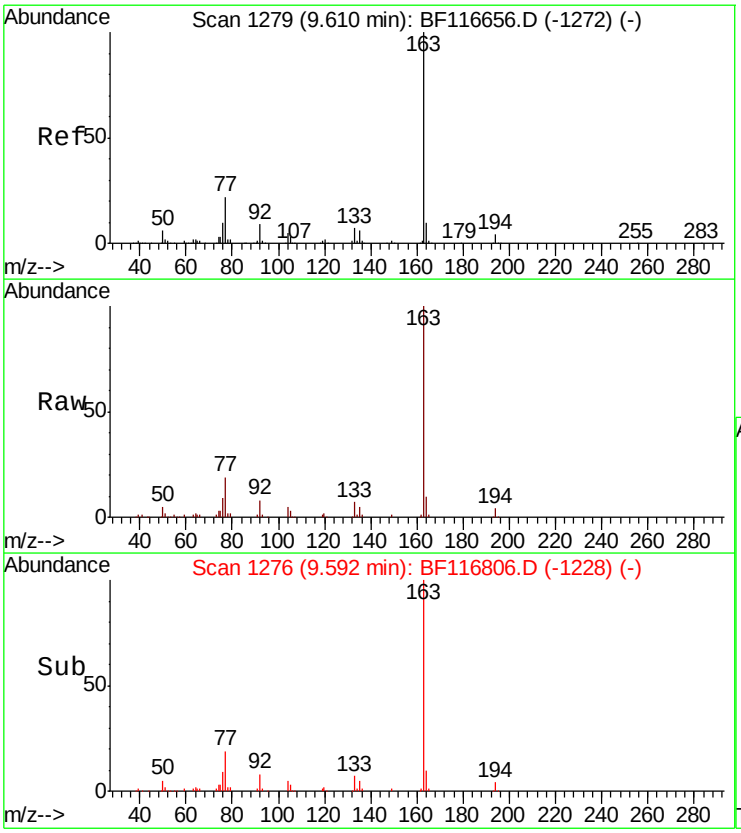
#45
2-Fluorobiphenyl
Concen: 63.349 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 518343

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.3	18.9	28.3

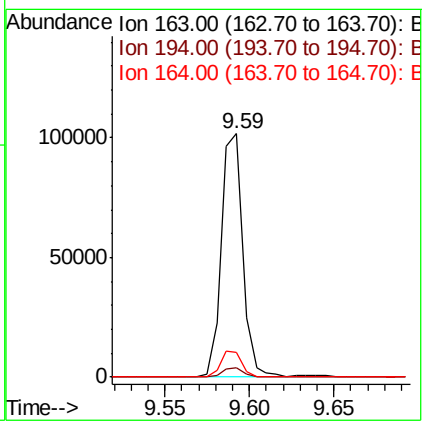


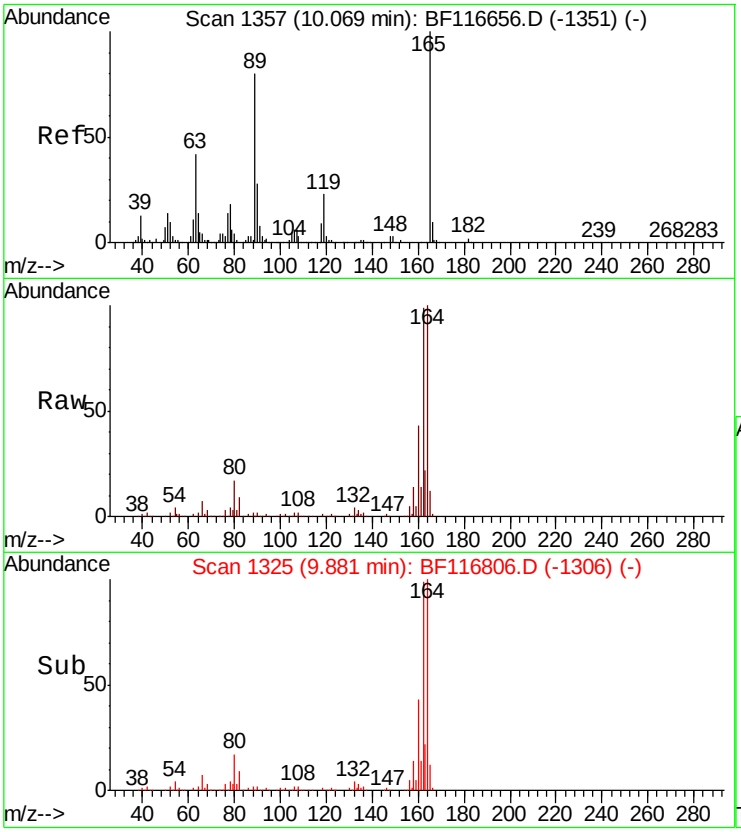


#50
Dimethylphthalate
Concen: 9.503 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:163 Resp: 90562

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	10.3	8.6	12.8



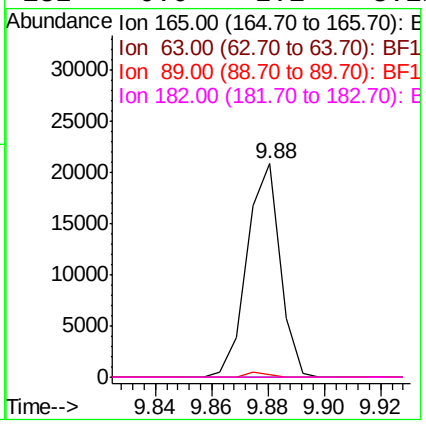


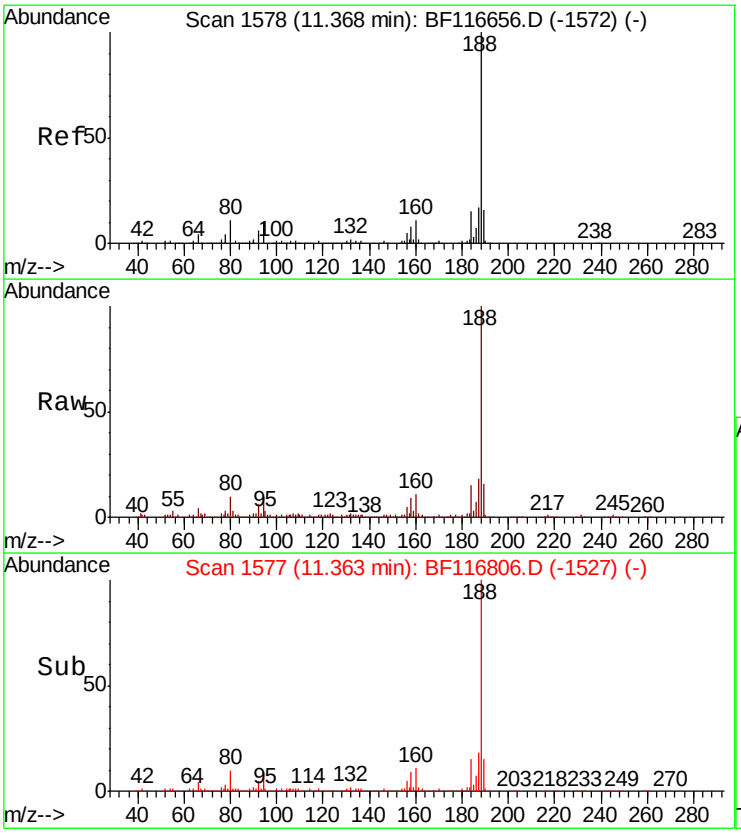
#57
2,4-Dinitrotoluene
Concen: 7.659 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17028

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#

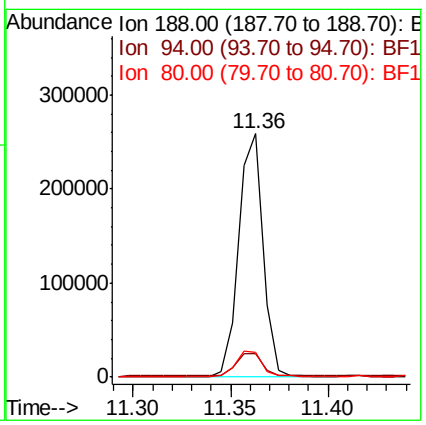


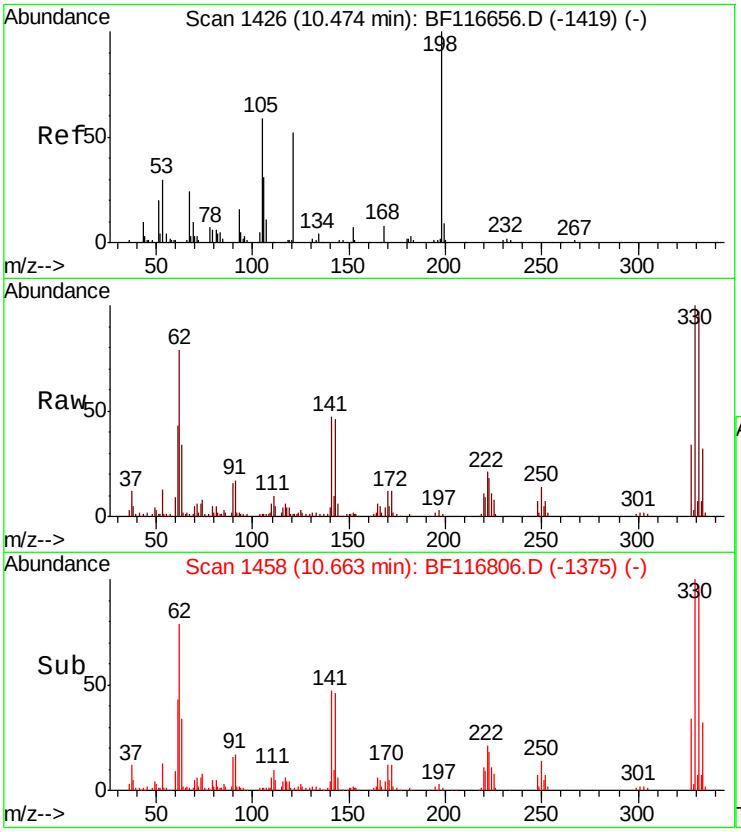


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:188 Resp: 225095

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.3	10.9
80	10.1	8.4	12.6



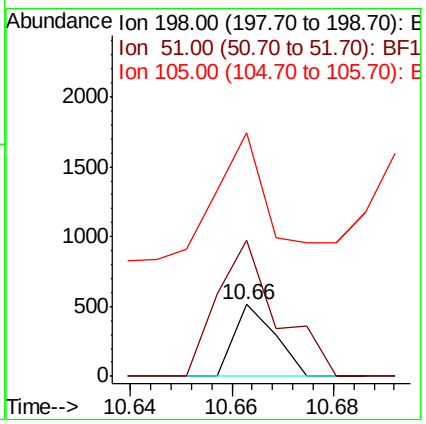


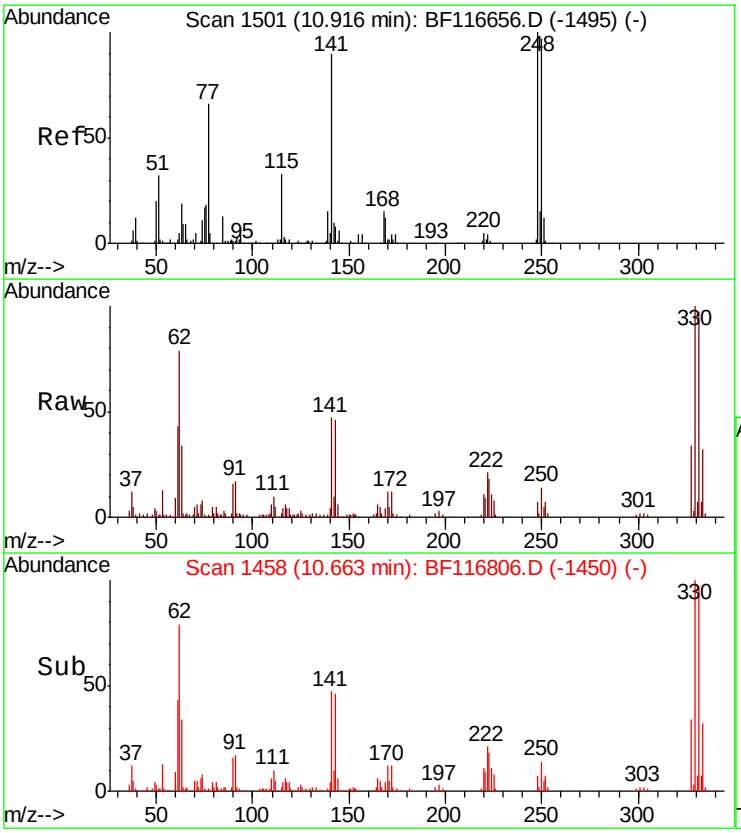
#65
4,6-Dinitro-2-methylphenol
Concen: 7.745 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 288

Ion	Ratio	Lower	Upper
198	100		
51	189.1	18.4	58.4#
105	338.4	22.9	62.9#

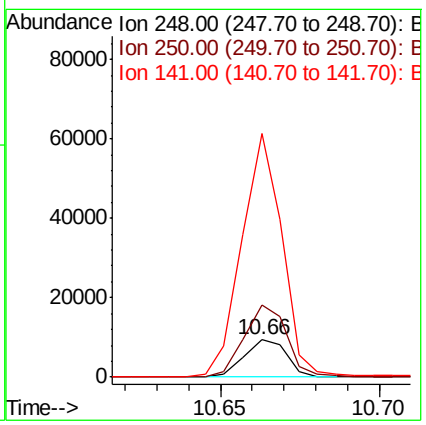


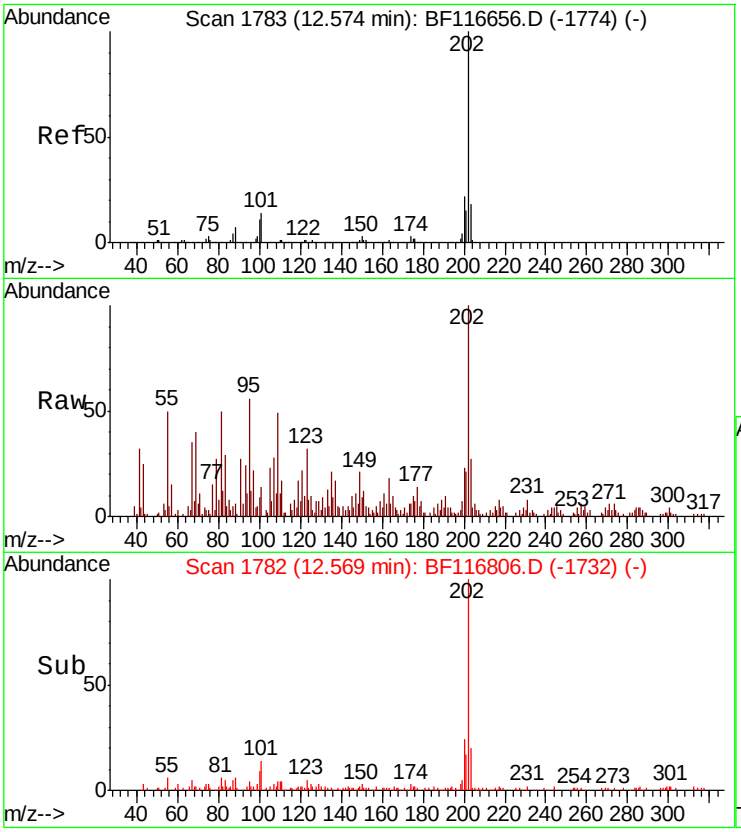


#67
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:248 Resp: 8560

Ion	Ratio	Lower	Upper
248	100		
250	193.9	77.8	116.8#
141	653.9	75.9	113.9#



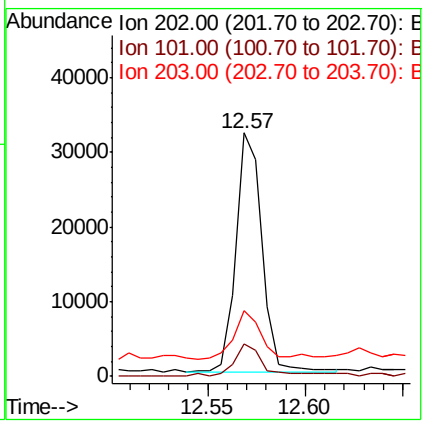


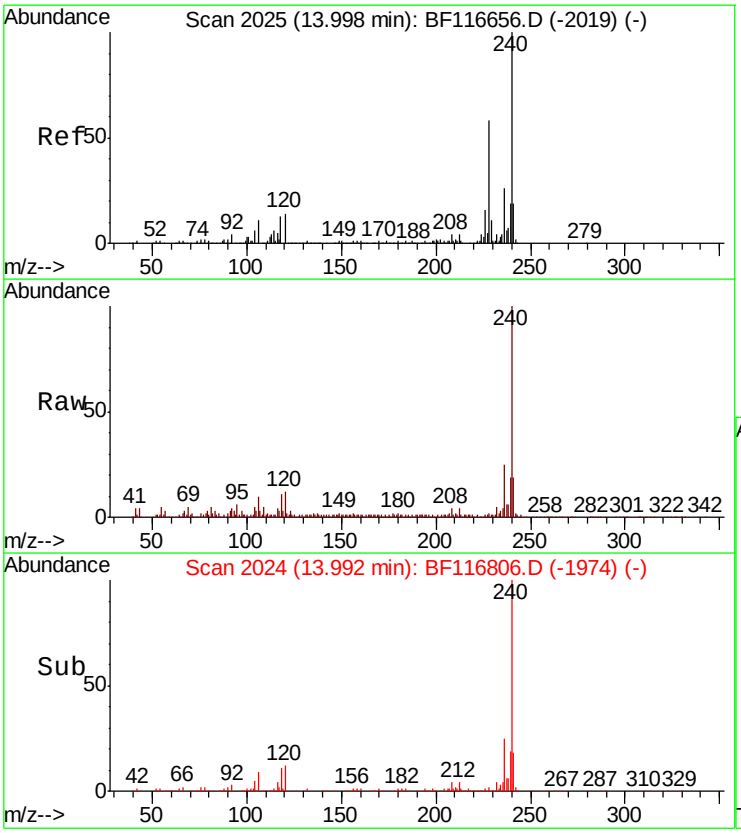
#75
Fluoranthene
Concen: 2.395 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 29494

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.3
203	27.1	0.0	37.6

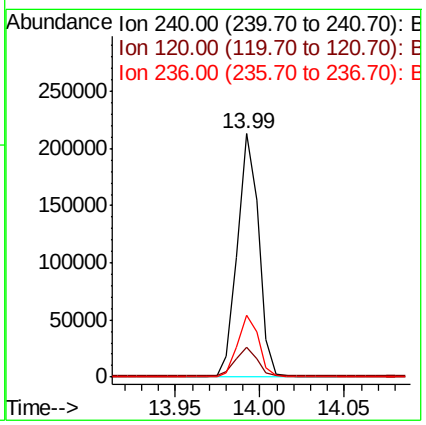


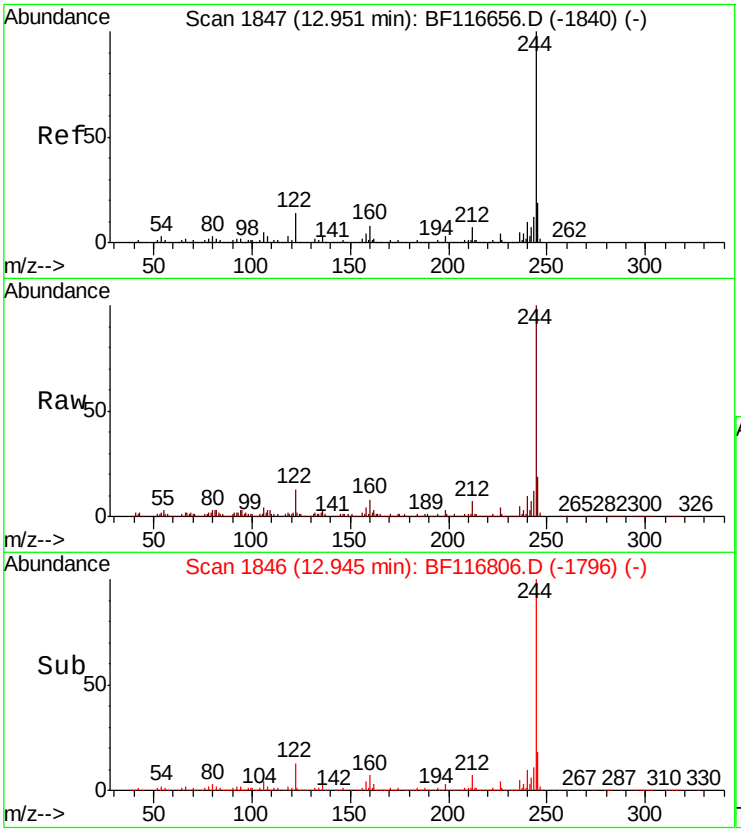


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:240 Resp: 187990

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.1	13.7
236	25.5	21.1	31.7



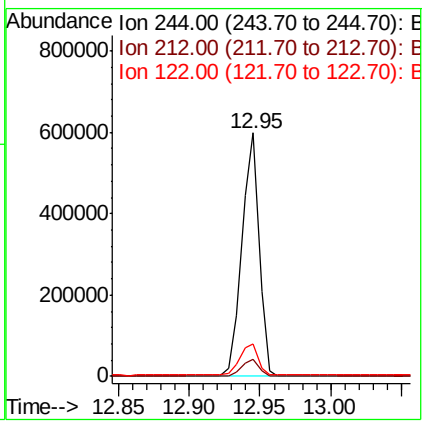


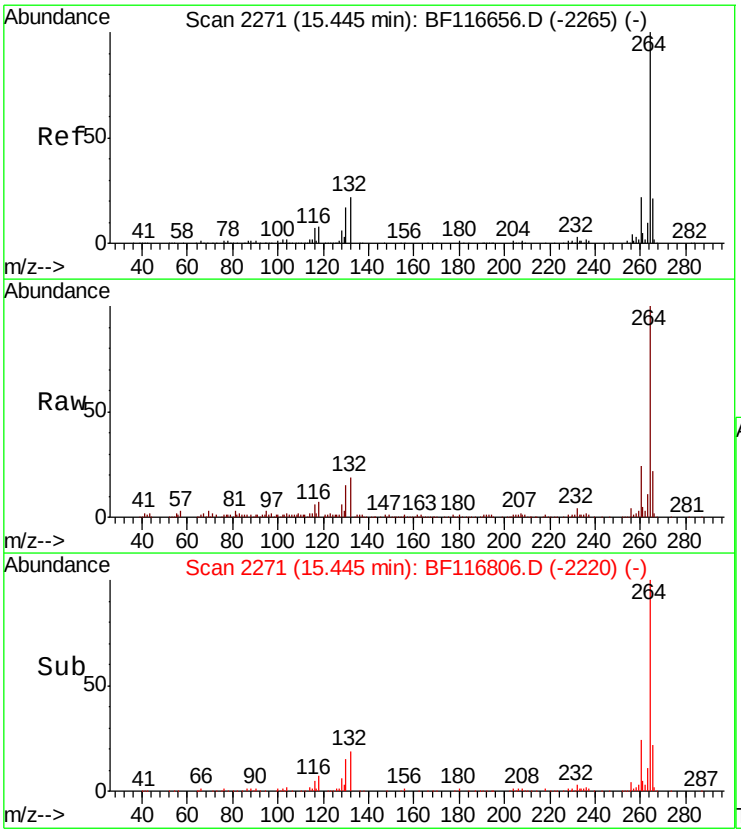
#79
Terphenyl-d14
Concen: 50.033 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 508430

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	13.1	10.2	15.4

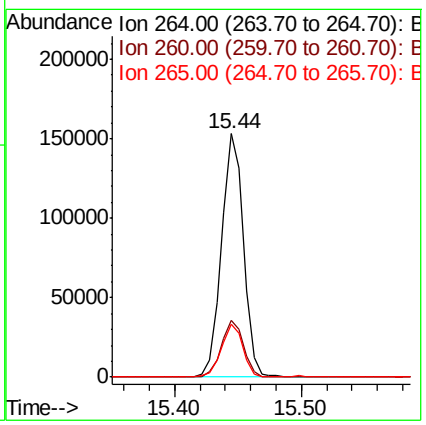


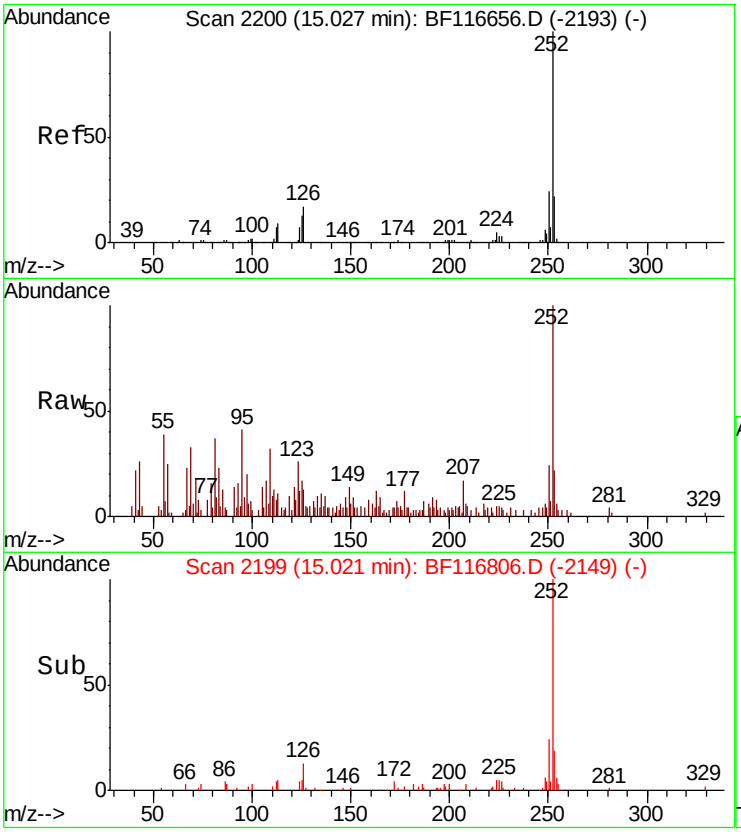


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:264 Resp: 183698

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.7	16.5	24.7



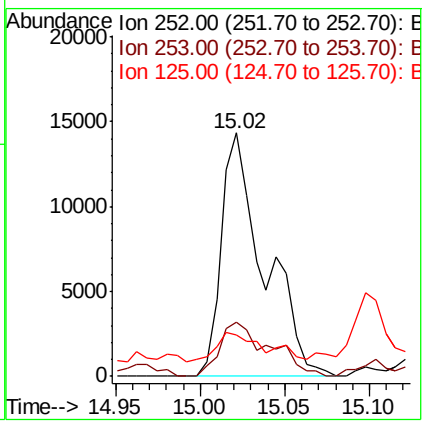


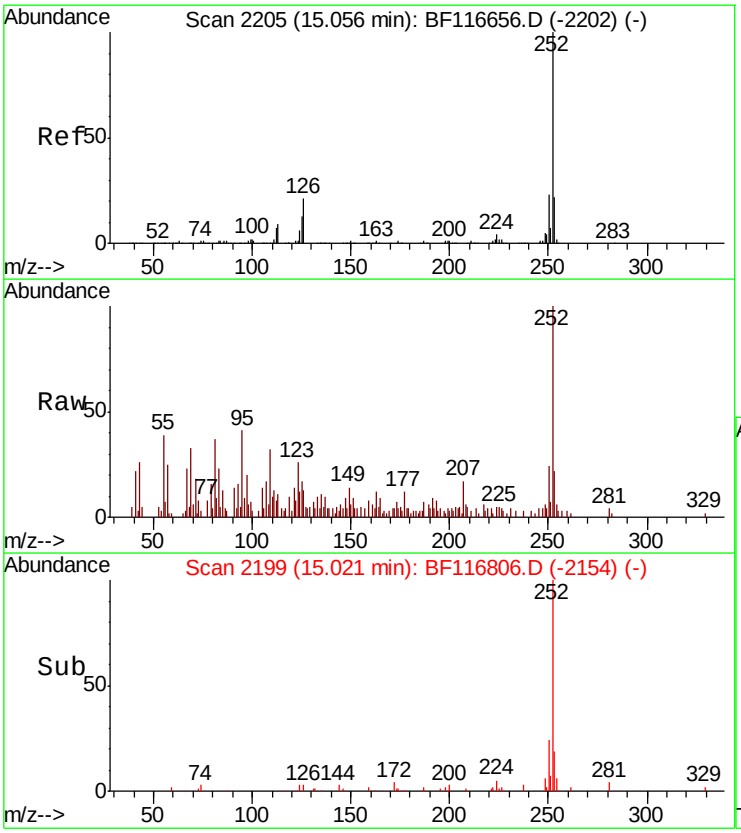
#88
Benzo(b)fluoranthene
Concen: 2.269 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25205

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	16.8	8.2	12.2#





#89
Benzo(k)fluoranthene
Concen: 2.489 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116806.D
Acq: 4 Sep 2019 11:03

Tgt Ion:252 Resp: 25205

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	16.8	8.6	13.0#