Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116755.D
Acq On : 1 Sep 2019 20:57
Operator : HP/JU
Sample : K4546-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 02 05:27:51 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	75556	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	326565	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	188715	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	335204	20.00	ng		0.00
76) Chrysene-d12	13.99	240	221897	20.00	ng		0.00
87) Perylene-d12	15.44	264	217022	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	469378	100.64	ng		0.00
7) Phenol-d6	6.47	99	647859	105.79	ng		0.00
23) Nitrobenzene-d5	7.40	82	378826	66.22	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	118737	94.12	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	613230	54.82	ng		0.00
79) Terphenyl-d14	12.94	244	636132	53.03	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	18663	2.752	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	49684	12.322	ng	#	72
25) Isophorone	7.40	82	378823	32.681	ng	#	66
50) Dimethylphthalate	9.59	163	199385	15.303	ng		98
57) 2,4-Dinitrotoluene	9.88	165	24023	7.904	ng	#	22
65) 4,6-Dinitro-2-methylphenol	10.66	198	169	7.567	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	8011	2.353	ng	#	1
78) Pyrene	12.80	202	39544	2.005	ng		98
88) Benzo(b)fluoranthene	15.02	252	29545	2.252	ng	#	76
89) Benzo(k)fluoranthene	15.02	252	29545	2.470	ng	#	76

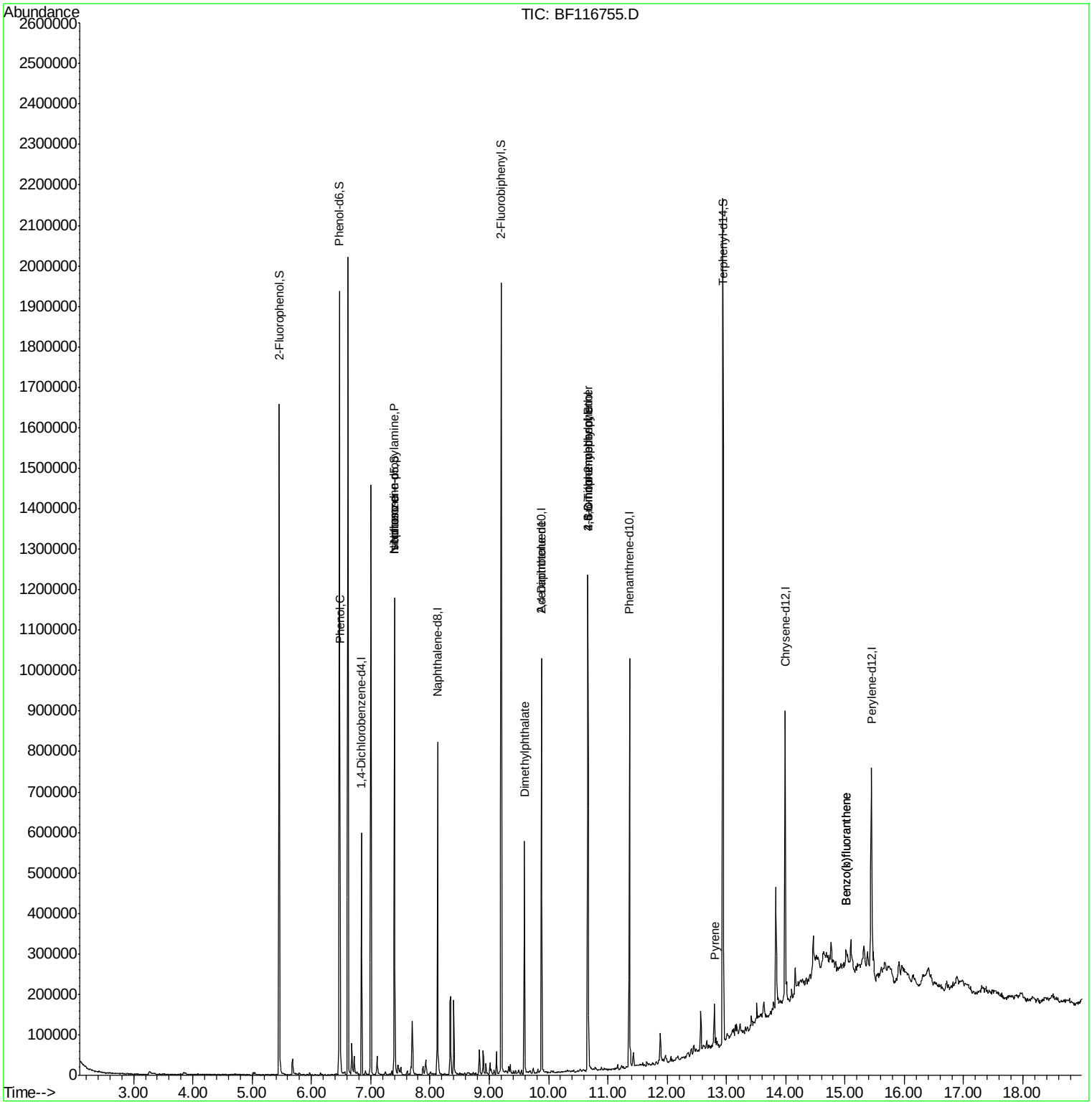
(#) = qualifier out of range (m) = manual integration (+) = signals summed

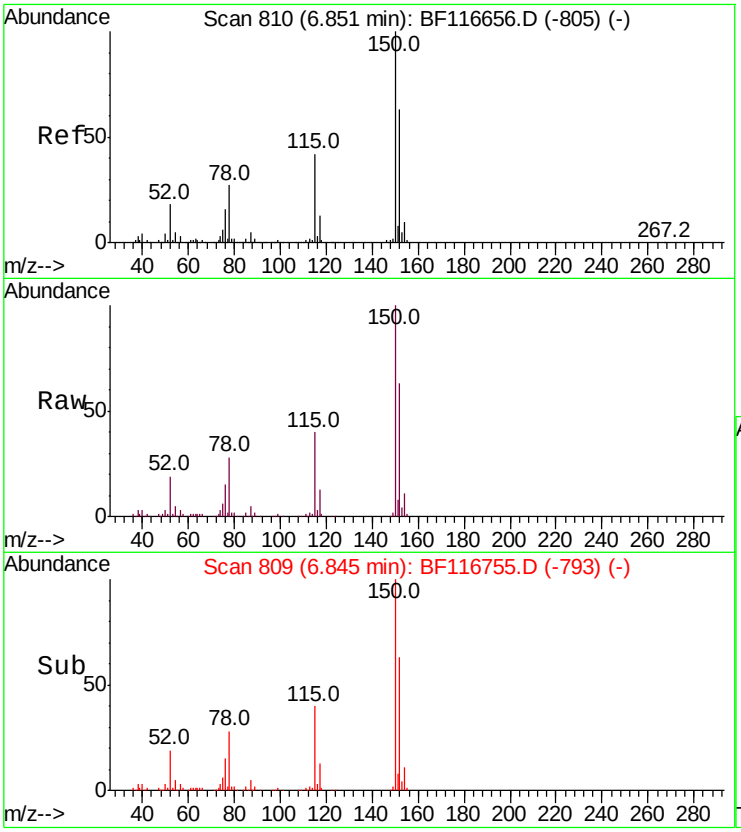
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116755.D
Acq On : 1 Sep 2019 20:57
Operator : HP/JU
Sample : K4546-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 02 05:27:51 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



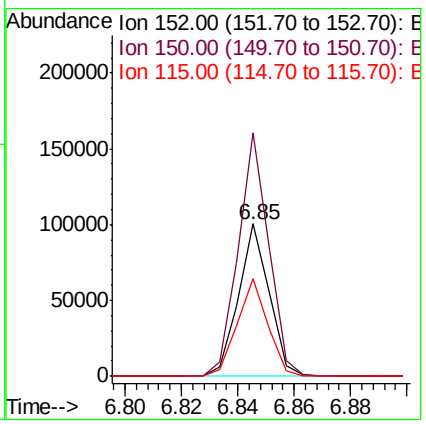


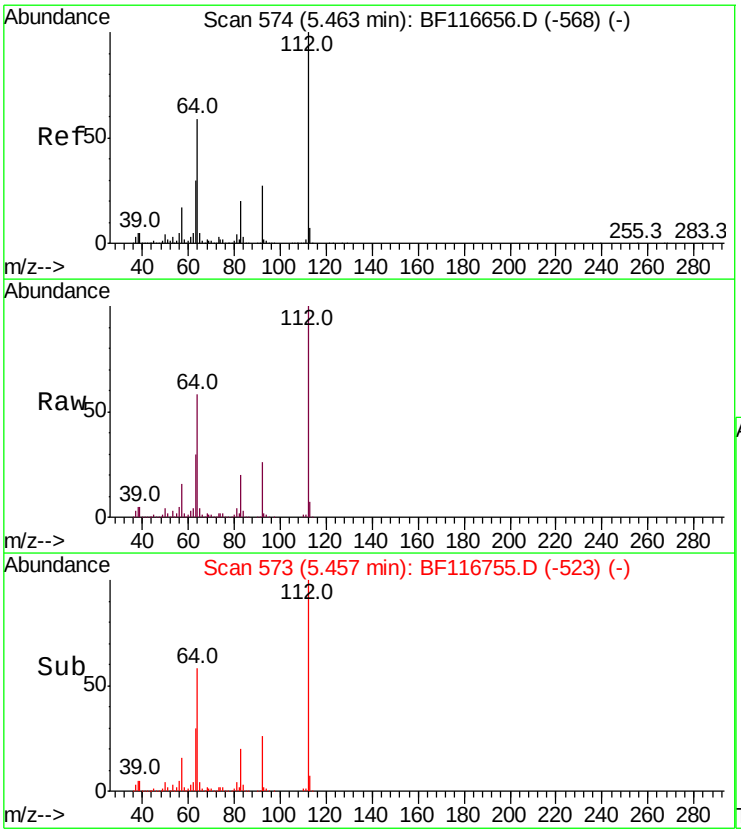
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75556

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.4	186.6
115	64.2	49.9	74.9

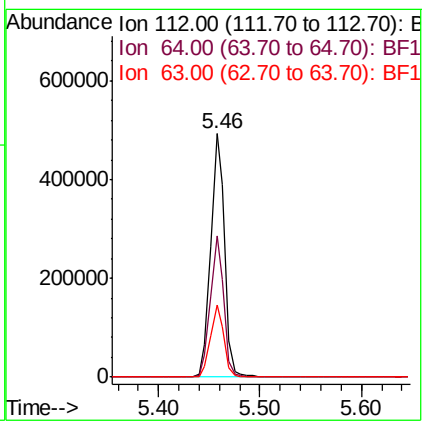


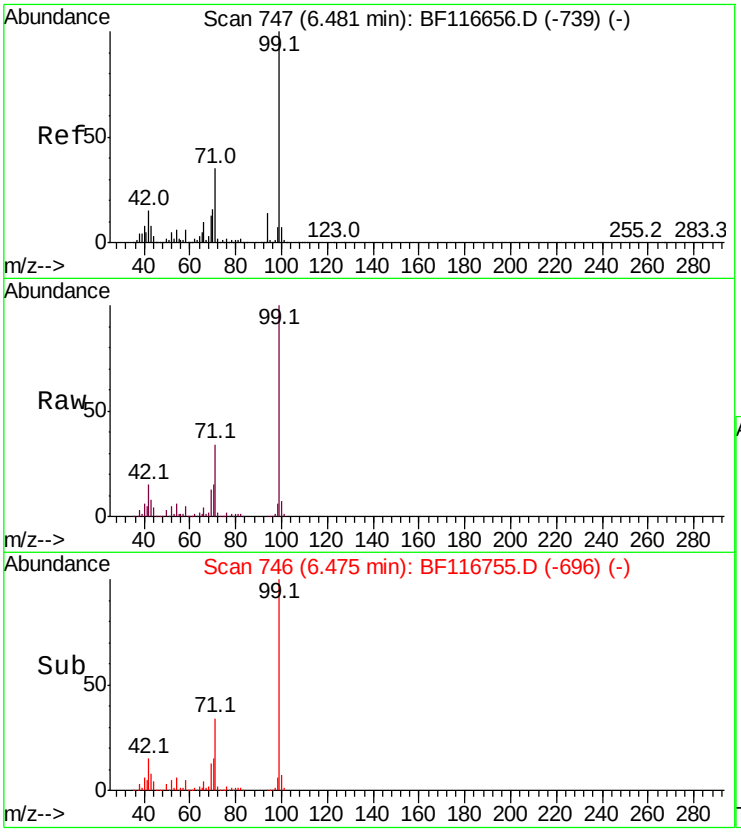


#5
2-Fluorophenol
Concen: 100.643 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:112 Resp: 469378

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	29.5	24.9	37.3



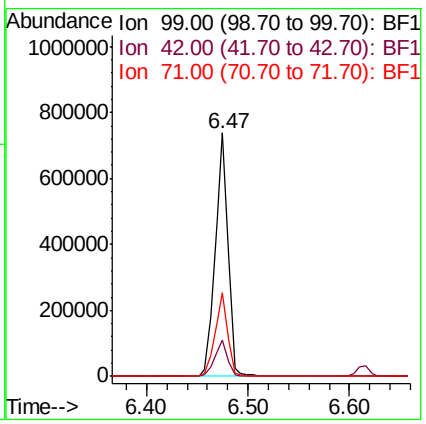


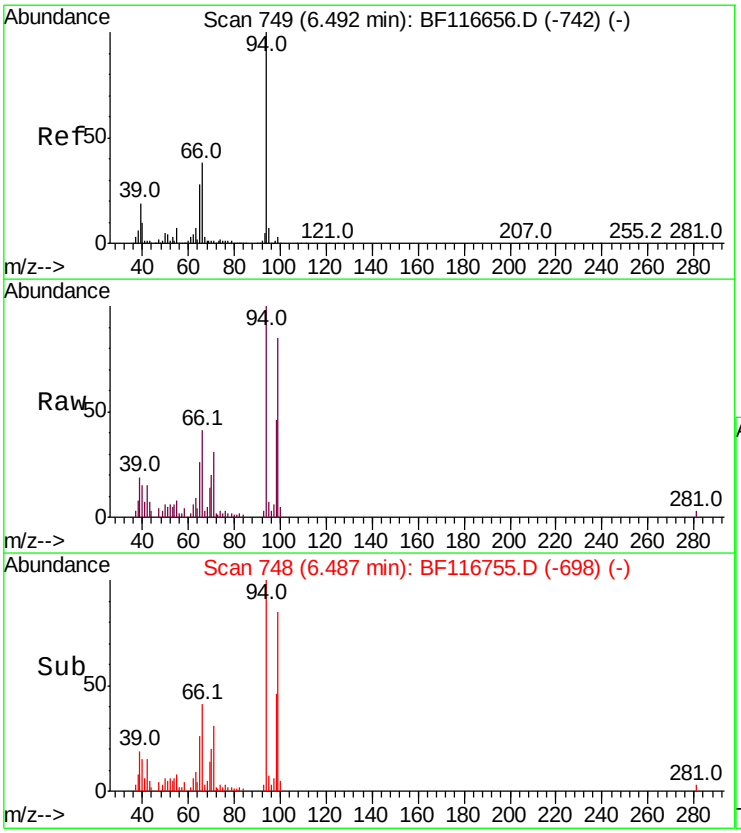
#7
Phenol-d6
Concen: 105.789 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 647859

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	34.4	30.8	46.2

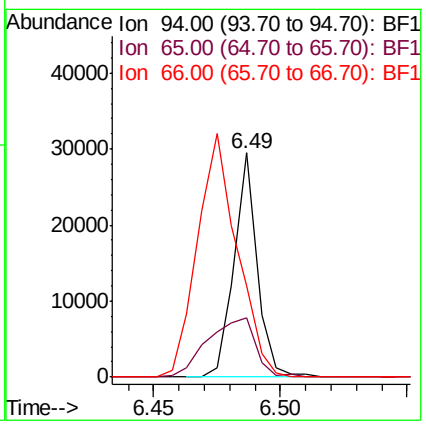


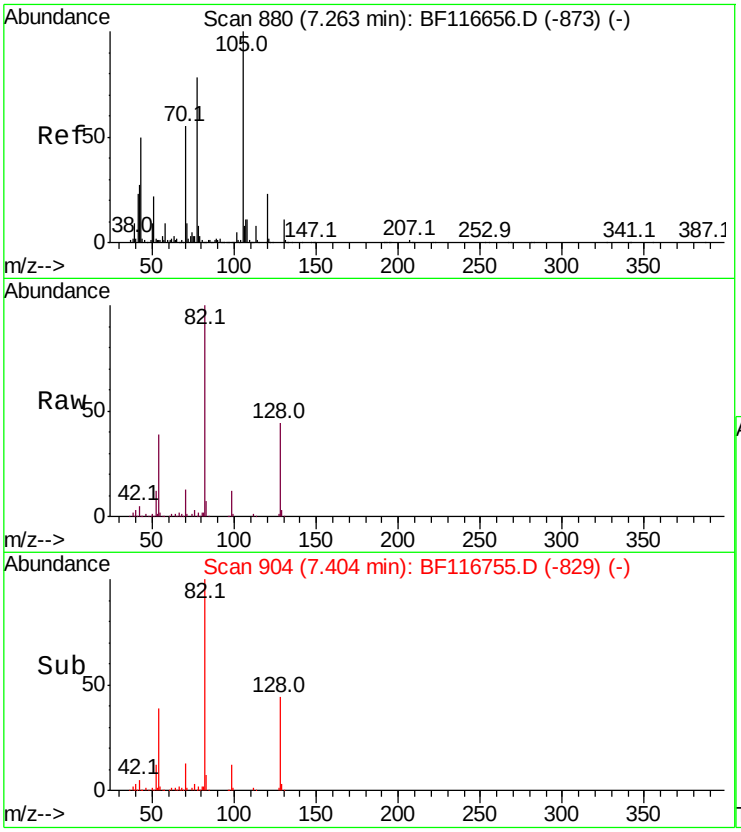


#10
Phenol
Concen: 2.752 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion: 94 Resp: 18663

Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.8	50.8
66	41.0	21.1	61.1



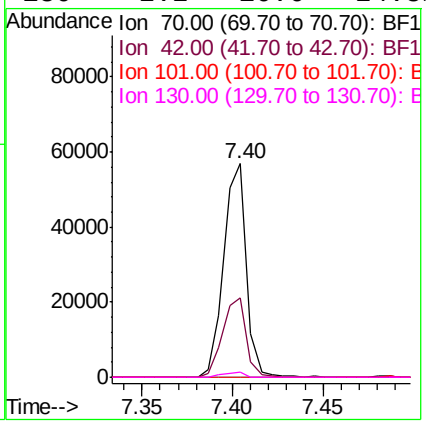


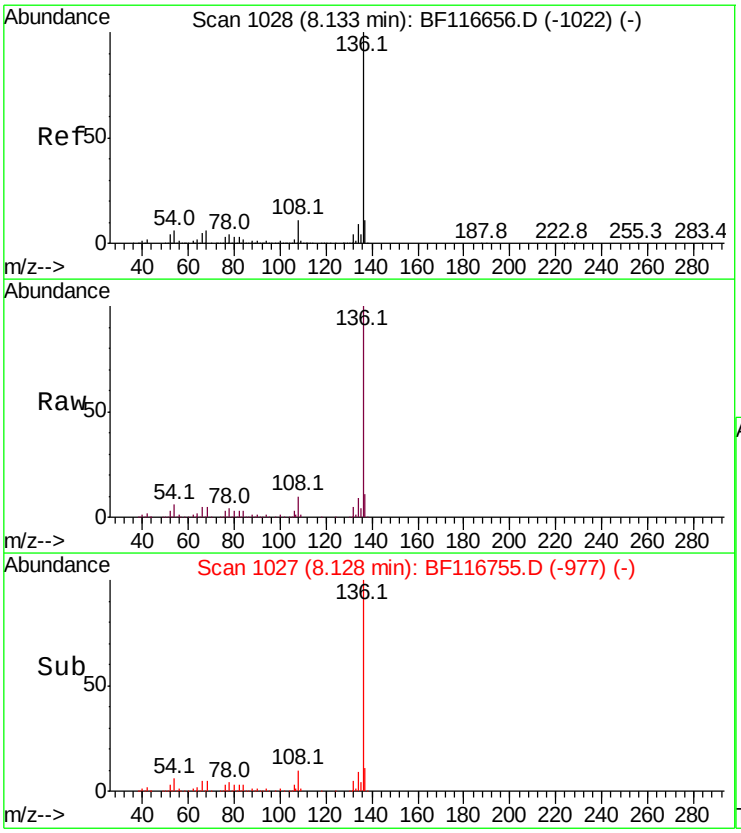
#19
n-Nitroso-di-n-propylamine
Concen: 12.322 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49684

Ion	Ratio	Lower	Upper
70	100		
42	37.3	43.5	65.3#
101	0.0	7.8	11.6#
130	2.2	16.6	24.8#

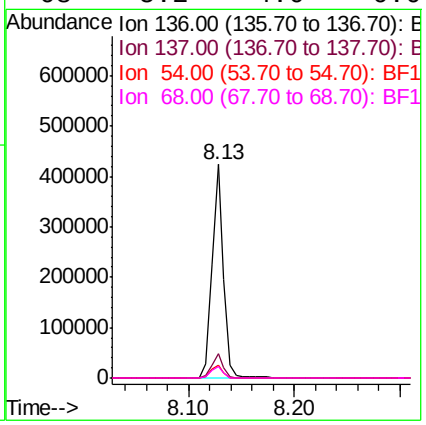


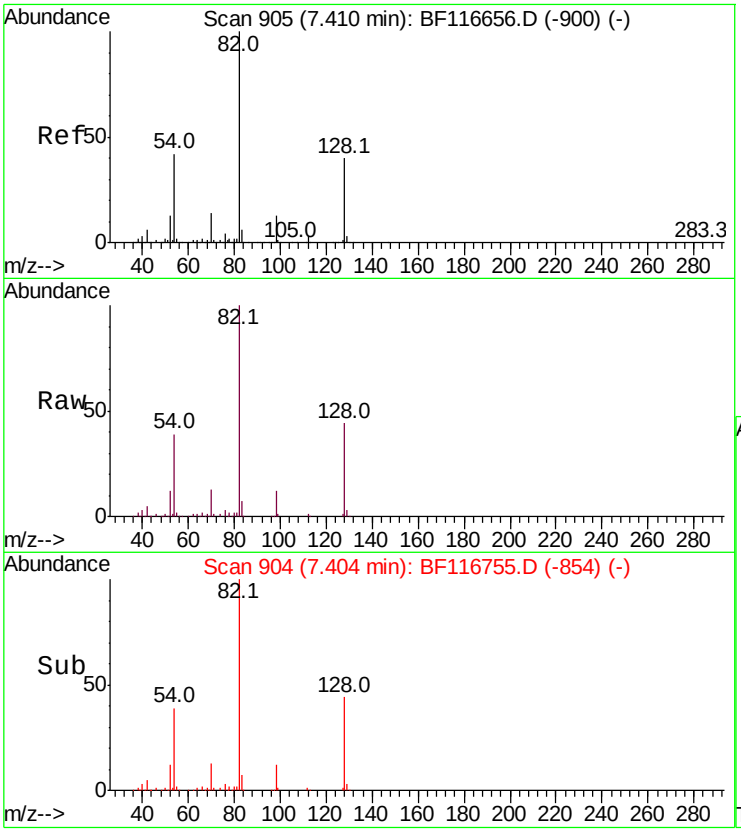


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:136 Resp: 326565

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.8	4.8	7.2
68	5.2	4.0	6.0



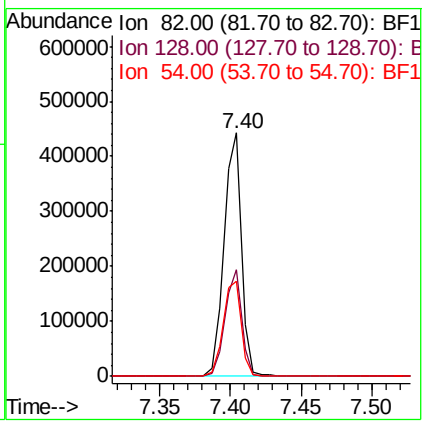


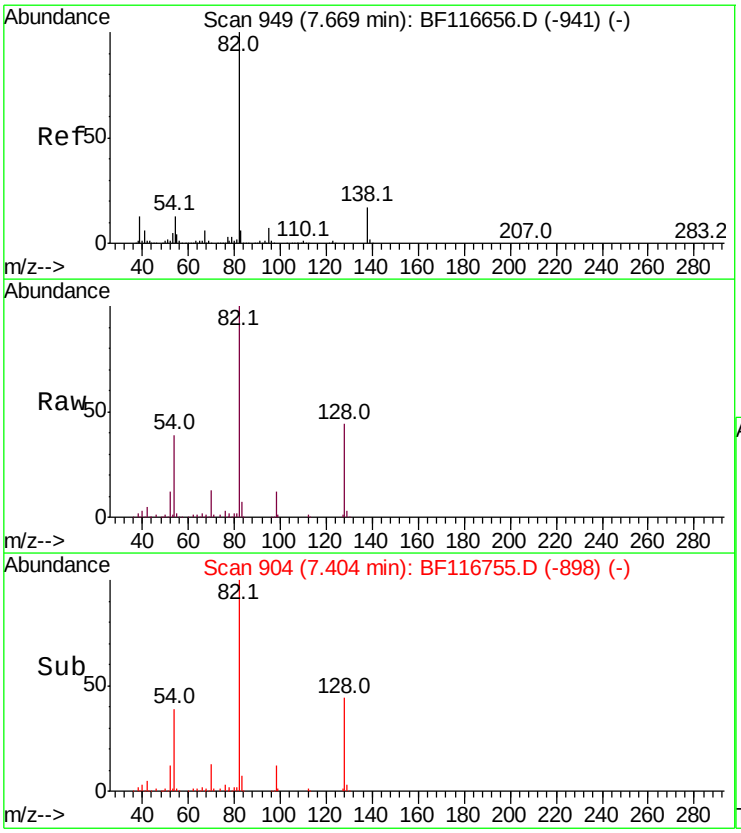
#23
Nitrobenzene-d5
Concen: 66.223 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 378826

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.8	49.2
54	38.9	36.9	55.3

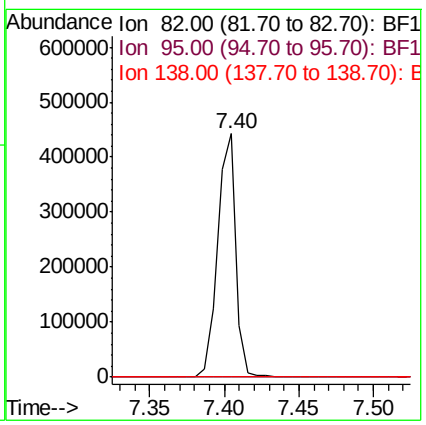


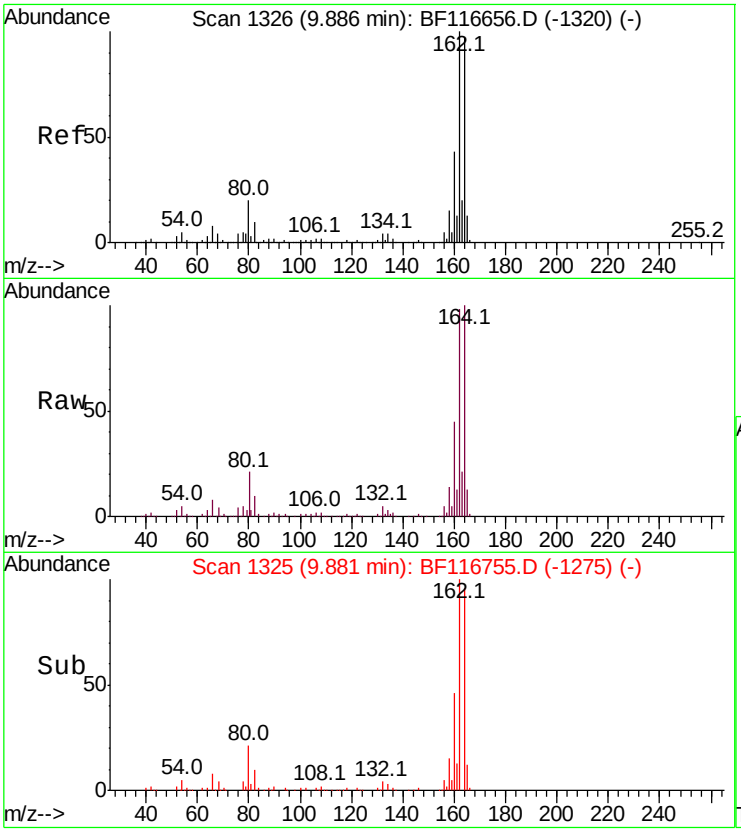


#25
Isophorone
Concen: 32.681 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion: 82 Resp: 378823

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



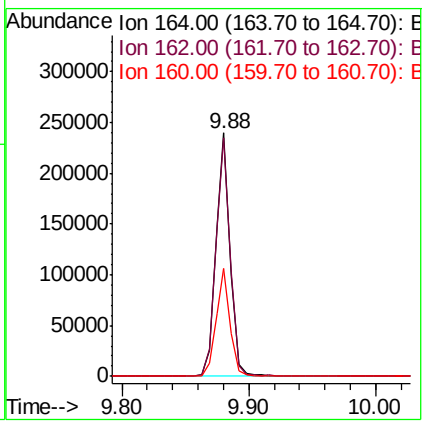


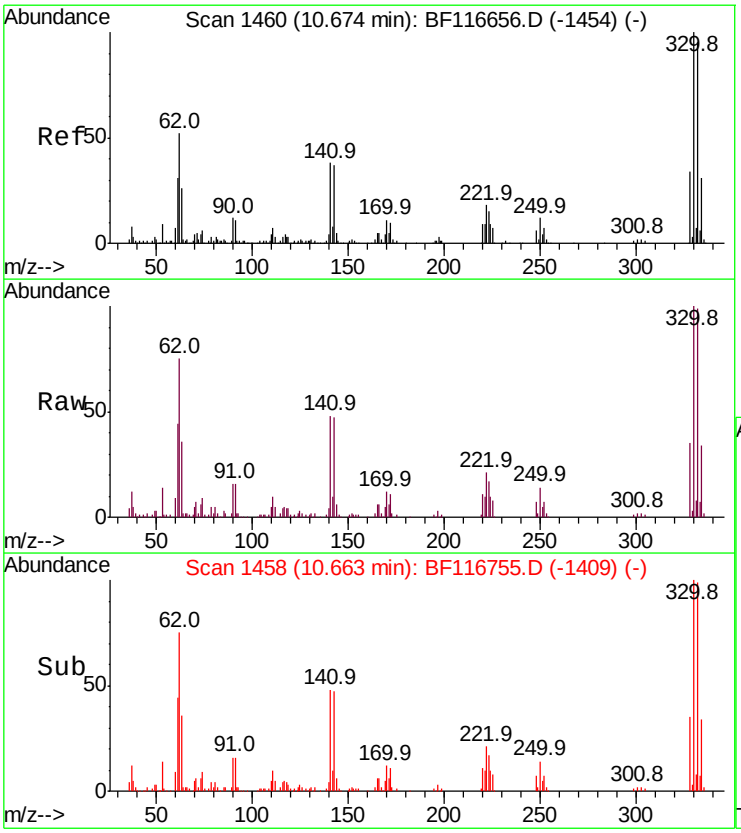
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188715

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.4	122.0
160	44.6	35.4	53.2

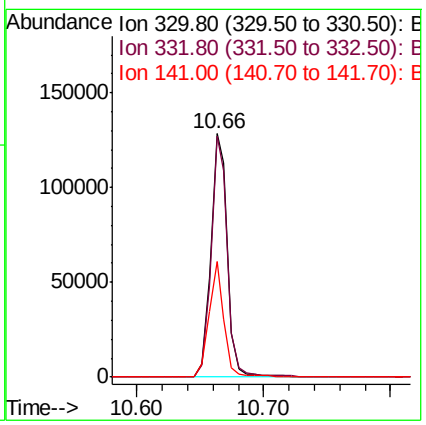


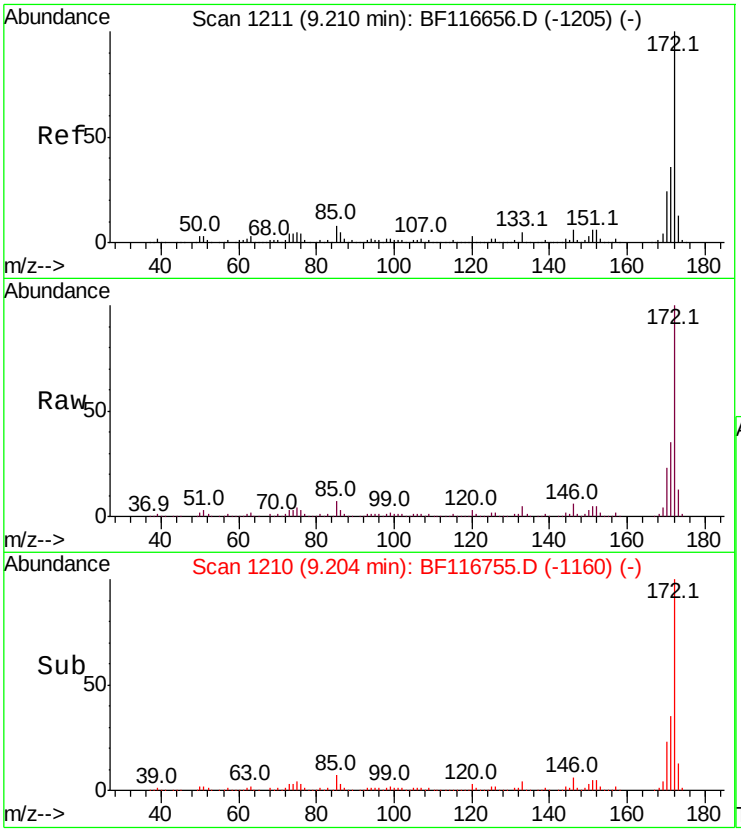


#42
2,4,6-Tribromophenol
Concen: 94.116 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:330 Resp: 118737

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	42.8	31.4	47.2



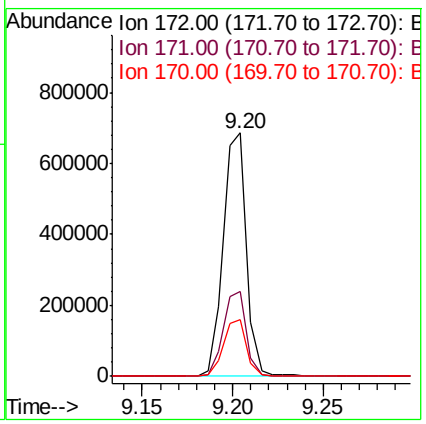


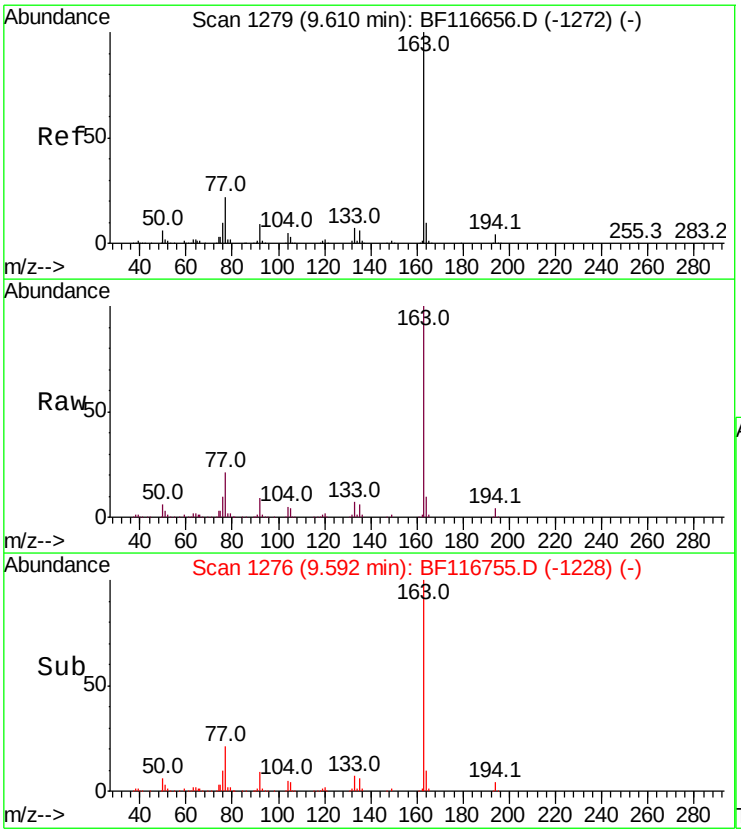
#45
2-Fluorobiphenyl
Concen: 54.816 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 613230

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.9	28.3

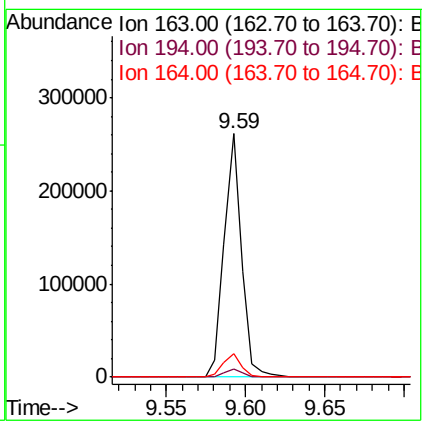


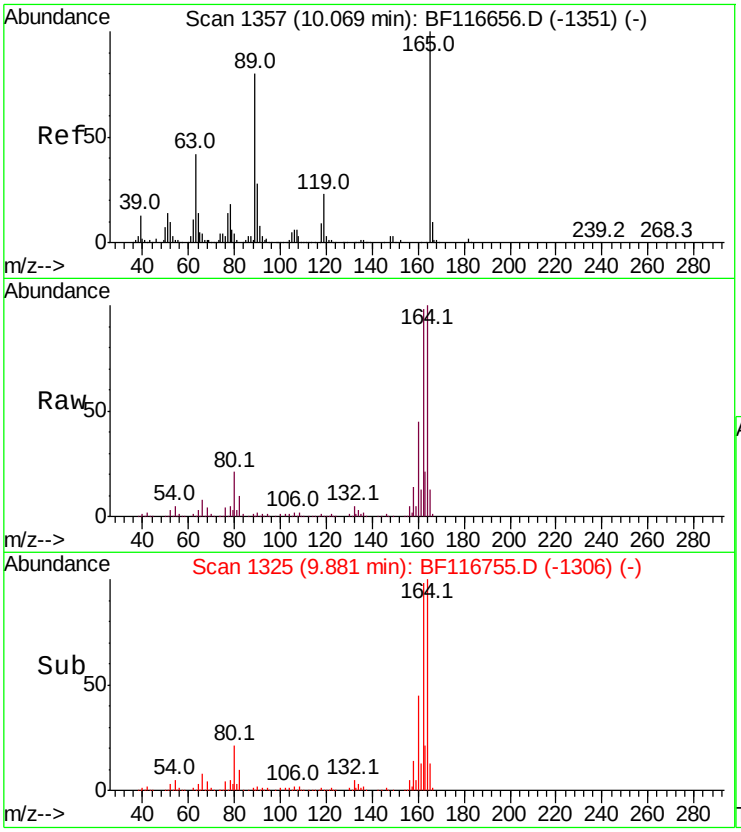


#50
Dimethylphthalate
Concen: 15.303 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:163 Resp: 199385

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.6	12.8



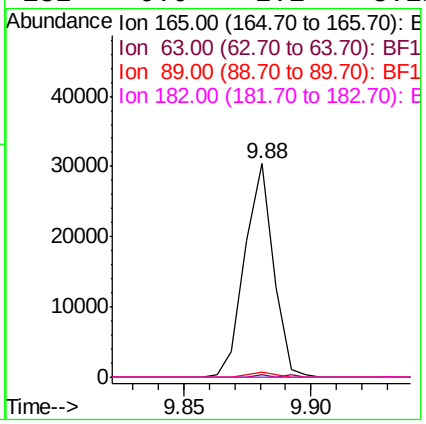


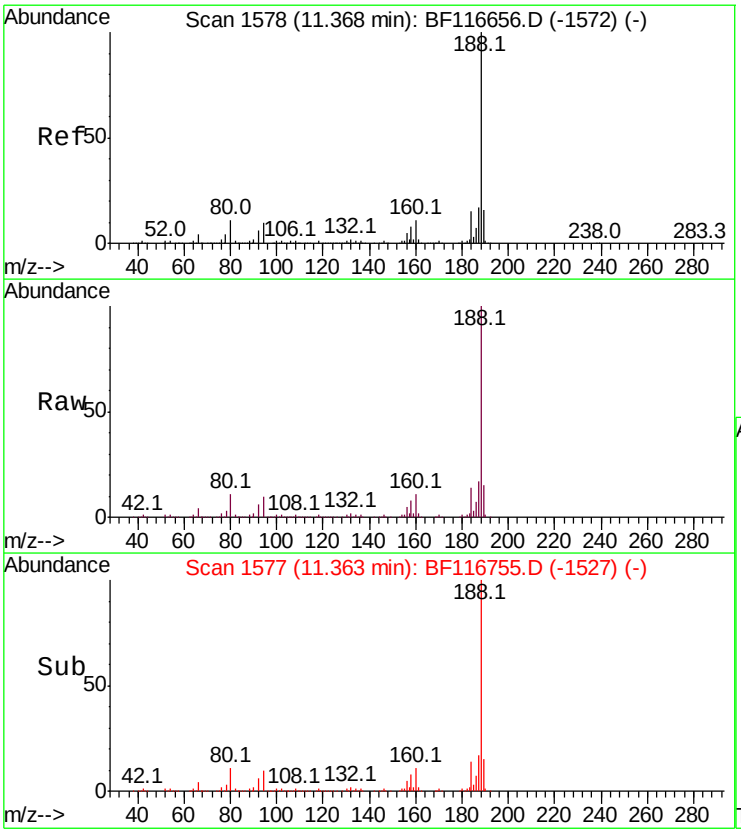
#57
2,4-Dinitrotoluene
Concen: 7.904 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24023

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.3	62.6	94.0#
182	0.0	2.1	3.1#

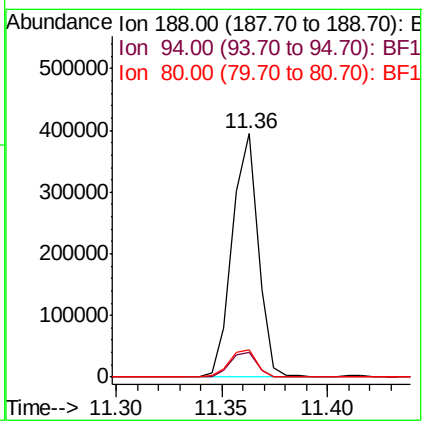


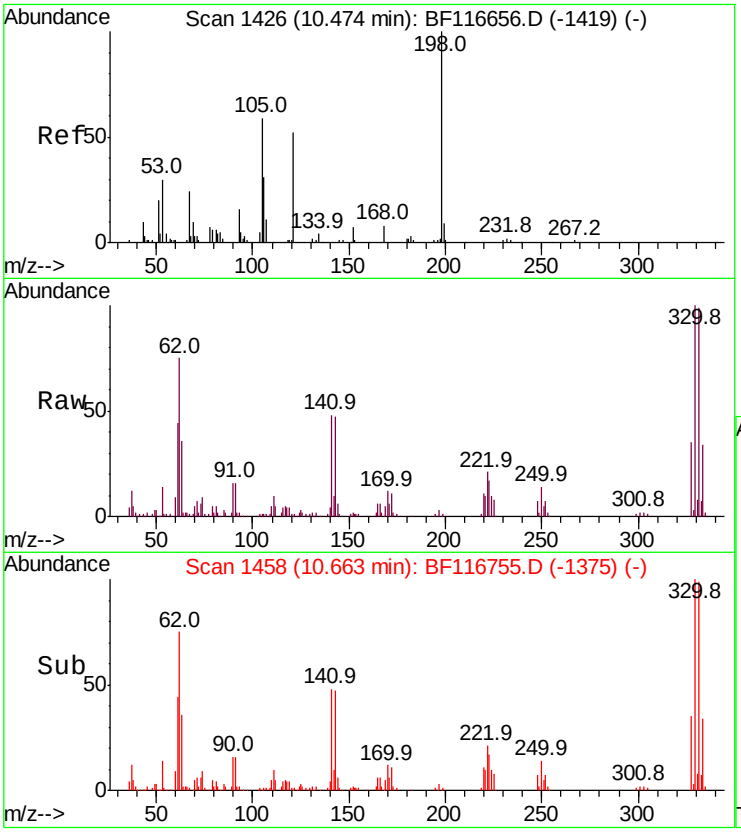


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:188 Resp: 335204

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.3	10.9
80	11.4	8.4	12.6



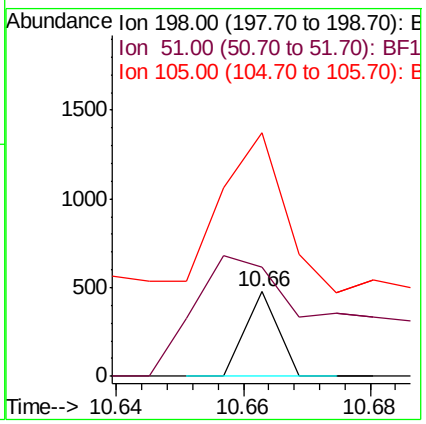


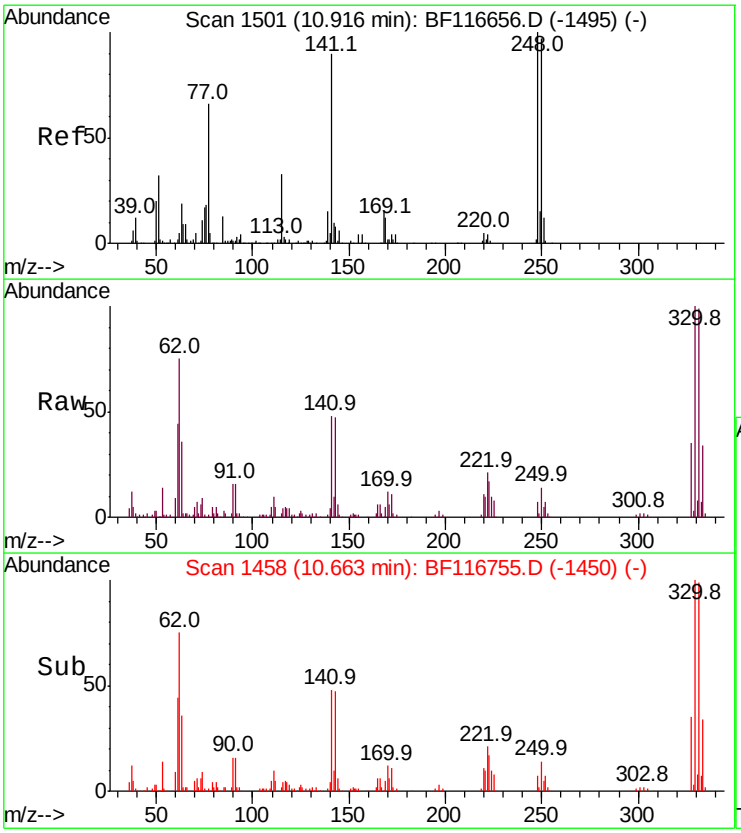
#65
4,6-Dinitro-2-methylphenol
Concen: 7.567 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 169

Ion	Ratio	Lower	Upper
198	100		
51	128.9	18.4	58.4#
105	287.0	22.9	62.9#

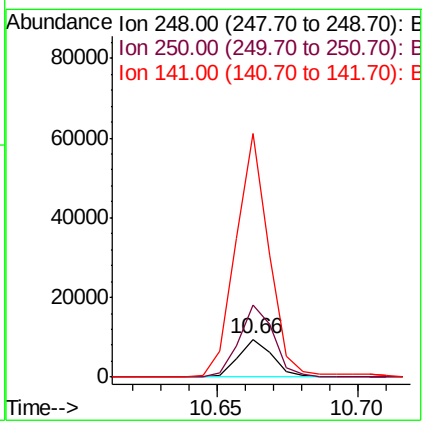


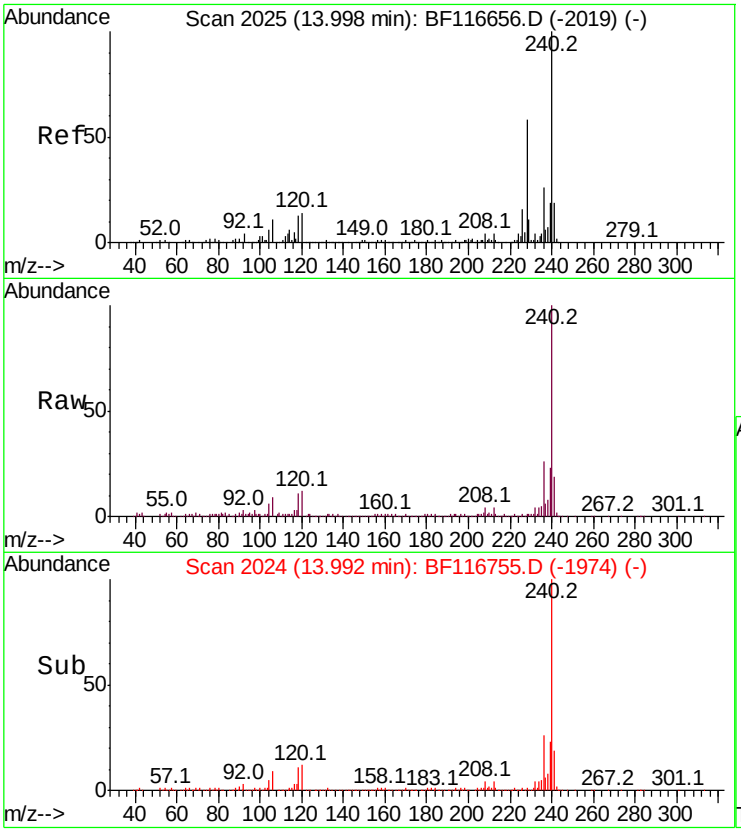


#67
4-Bromophenyl-phenylether
Concen: 2.353 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:248 Resp: 8011

Ion	Ratio	Lower	Upper
248	100		
250	189.2	77.8	116.8#
141	642.5	75.9	113.9#



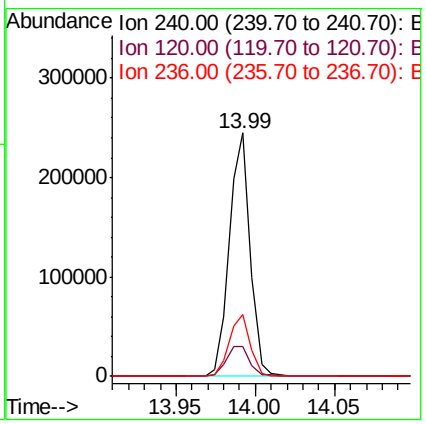


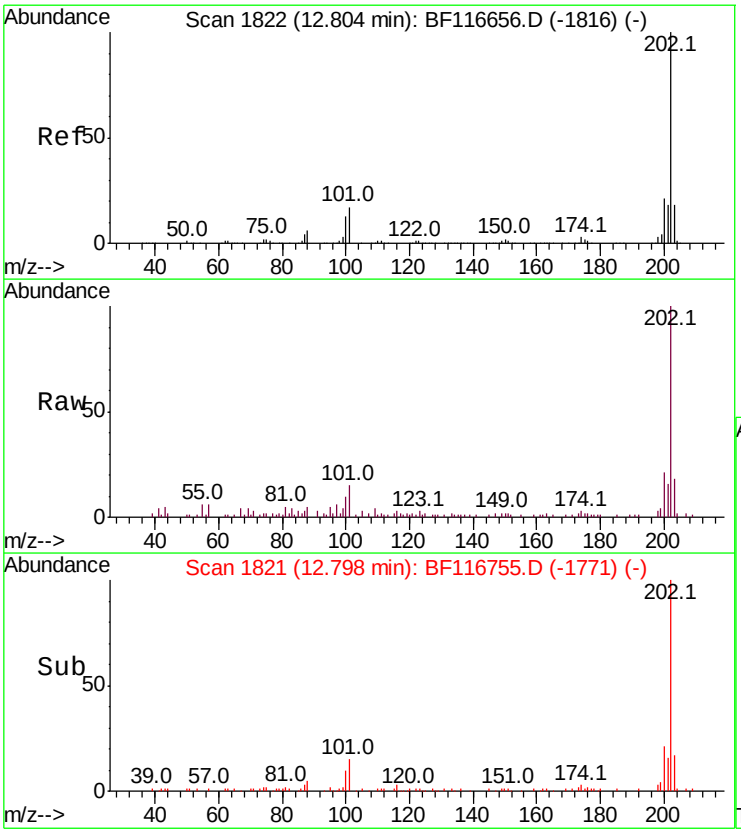
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 221897

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.1	13.7
236	25.7	21.1	31.7

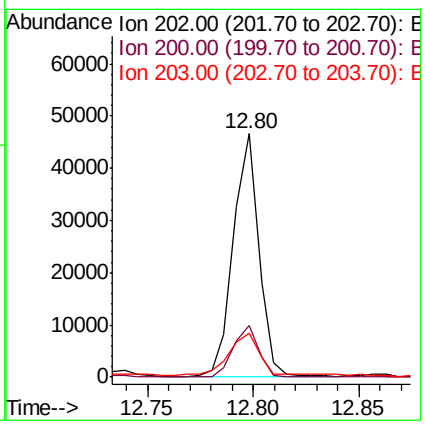


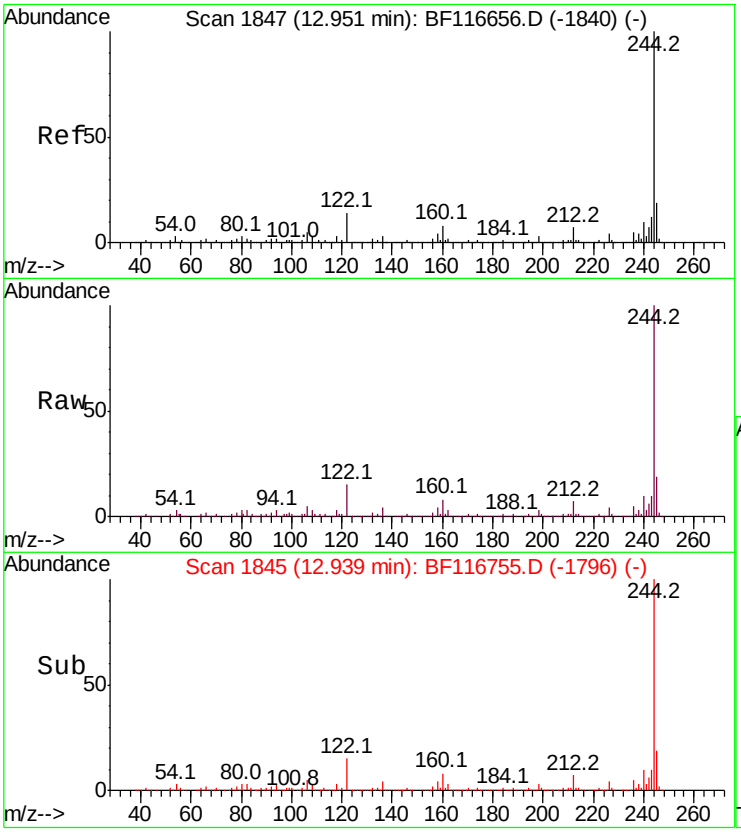


#78
Pyrene
Concen: 2.005 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:202 Resp: 39544

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	18.2	13.7	20.5



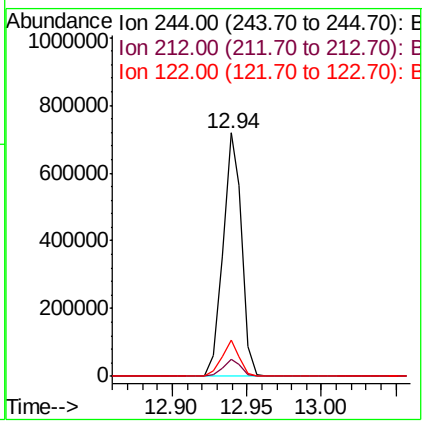


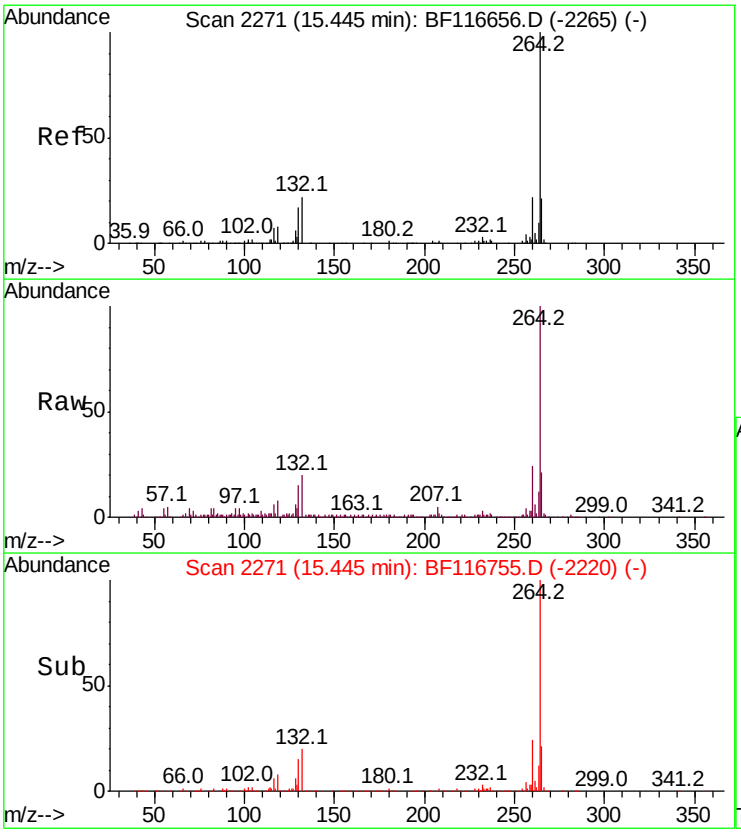
#79
Terphenyl-d14
Concen: 53.034 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 636132

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	15.1	10.2	15.4

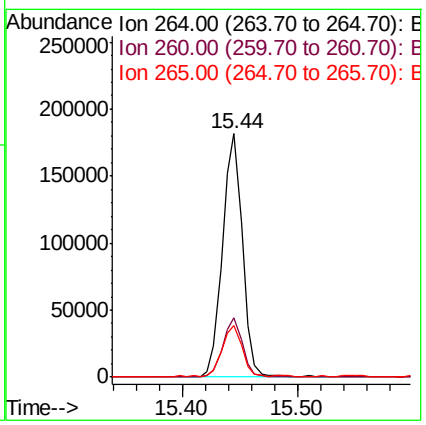


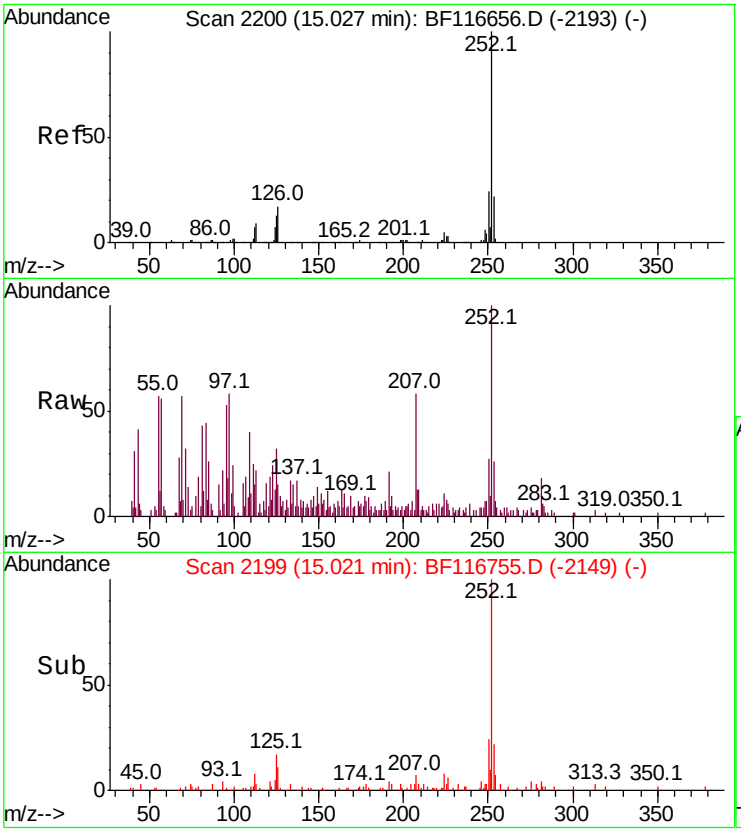


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:264 Resp: 217022

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.3	16.5	24.7



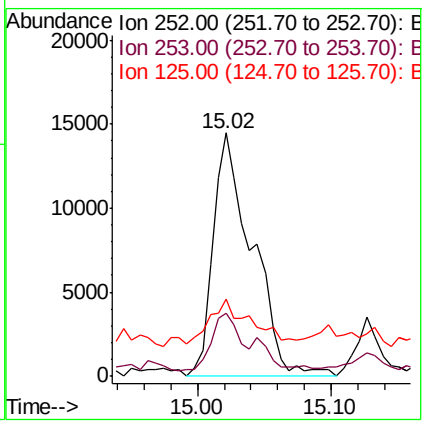


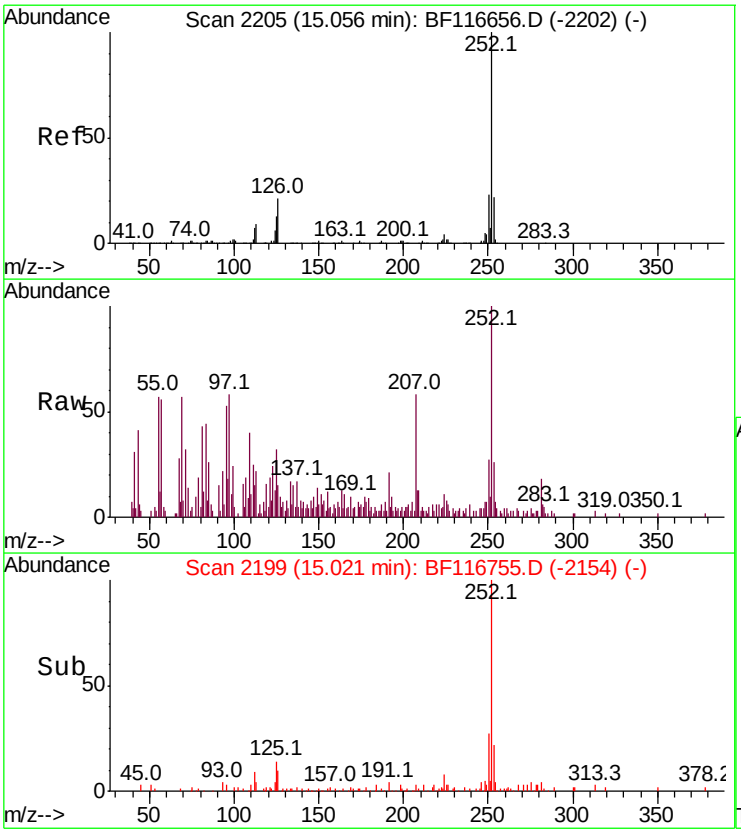
#88
Benzo(b)fluoranthene
Concen: 2.252 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29545

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	31.6	8.2	12.2#





#89
Benzo(k)fluoranthene
Concen: 2.470 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116755.D
Acq: 1 Sep 2019 20:57

Tgt Ion:252 Resp: 29545

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	31.6	8.6	13.0#