Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121719.D
Acq On : 28 Sep 2020 18:44
Operator : JU/CG
Sample : L4154-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1(1-2)

Quant Time: Sep 29 00:29:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 11:40:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147194	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551636	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	269769	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	456921	20.00	ng	0.00
76) Chrysene-d12	13.96	240	347016	20.00	ng	0.00
86) Perylene-d12	15.40	264	337715	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	178847	18.06	ng	0.00
7) Phenol-d6	6.43	99	236959	18.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	151884	14.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	56880	16.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	296340	16.64	ng	0.00
79) Terphenyl-d14	12.90	244	254021	14.83	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	7.70	139	1607	2.850	ng	# 1
32) Benzoic acid	7.87	122	652	7.017	ng	# 28
54) 2,4-Dinitrophenol	9.77	184	345	9.175	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.45	198	359	6.962	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	44379	2.831	ng	# 55
71) Phenanthrene	11.35	178	62768	2.521	ng	# 93
75) Fluoranthene	12.53	202	78965	2.971	ng	99
78) Pyrene	12.76	202	85345	3.366	ng	98
88) Benzo(b)fluoranthene	14.98	252	72719	3.221	ng	# 92
89) Benzo(k)fluoranthene	14.98	252	72719	3.517	ng	# 91

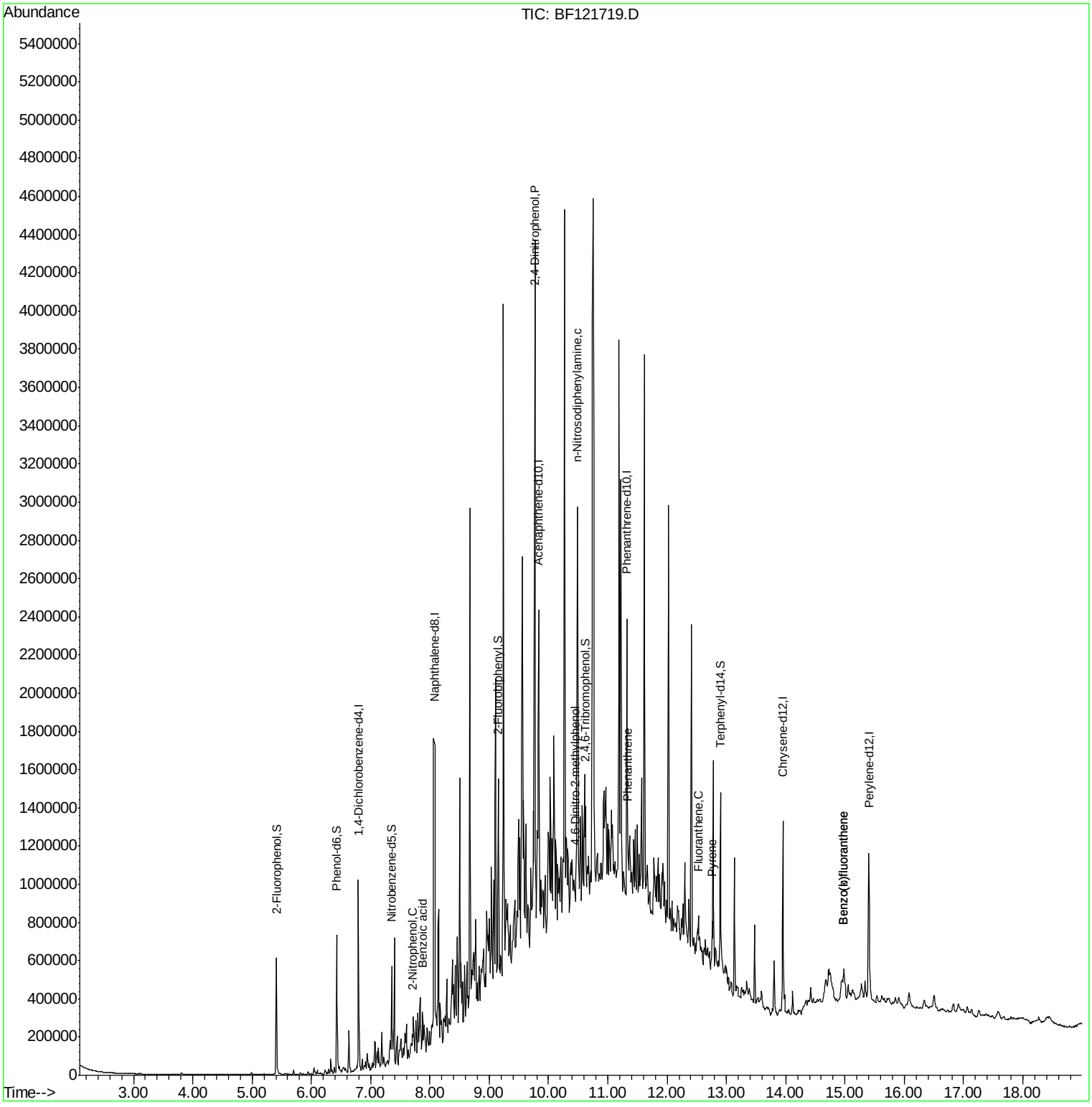
(#) = qualifier out of range (m) = manual integration (+) = signals summed

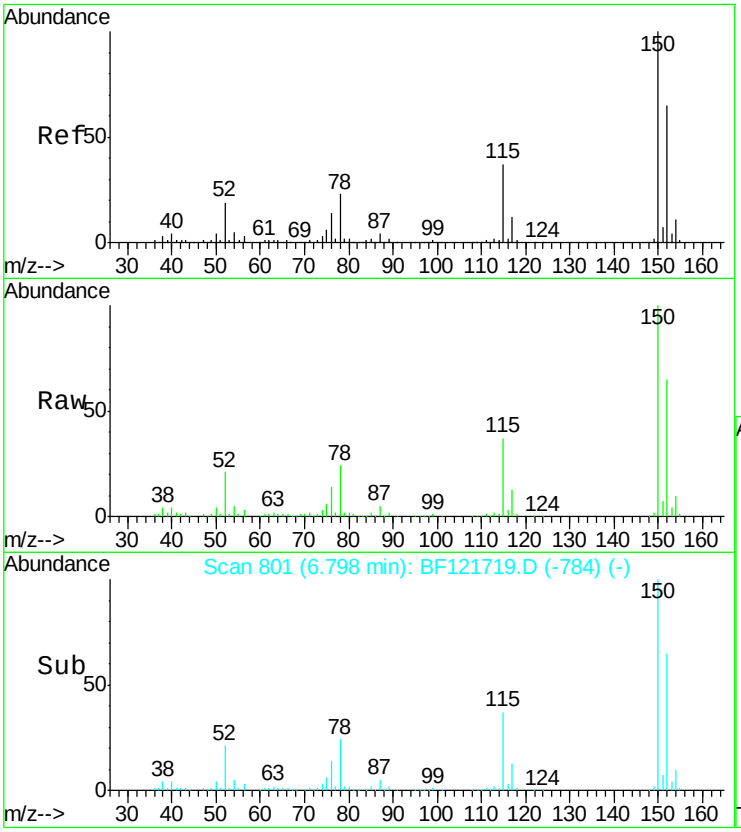
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121719.D
Acq On : 28 Sep 2020 18:44
Operator : JU/CG
Sample : L4154-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Quant Time: Sep 29 00:29:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 11:40:42 2020
Response via : Initial Calibration



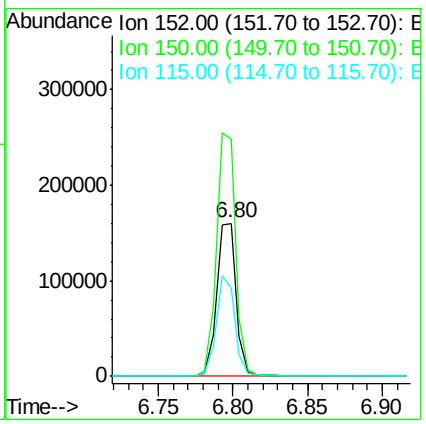


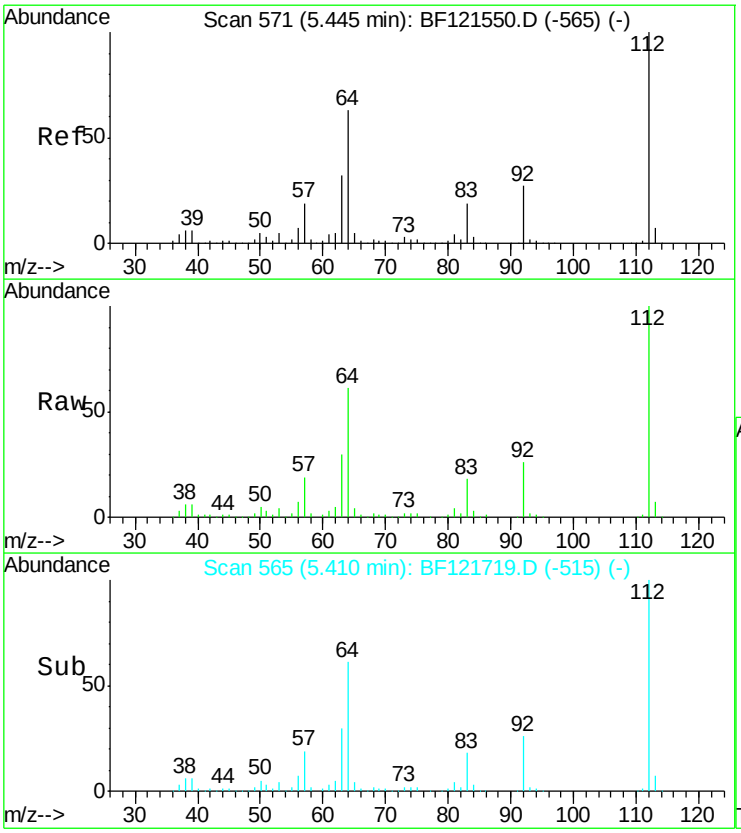
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:152 Resp: 147194

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	184.0
115	57.8	47.1	70.7

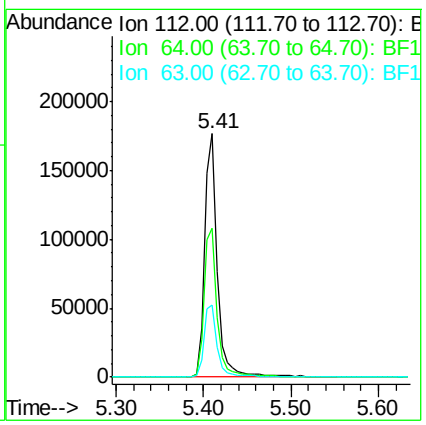


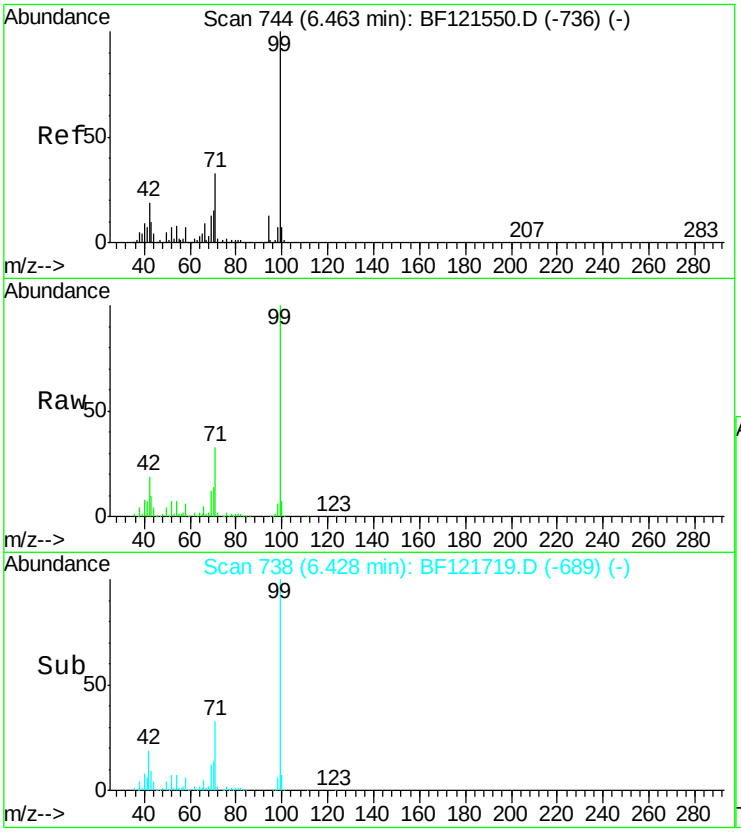


#5
2-Fluorophenol
Concen: 18.057 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:112 Resp: 178847

Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.5	74.3
63	29.6	25.4	38.0



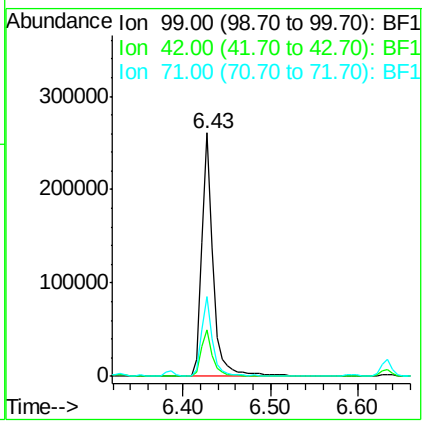


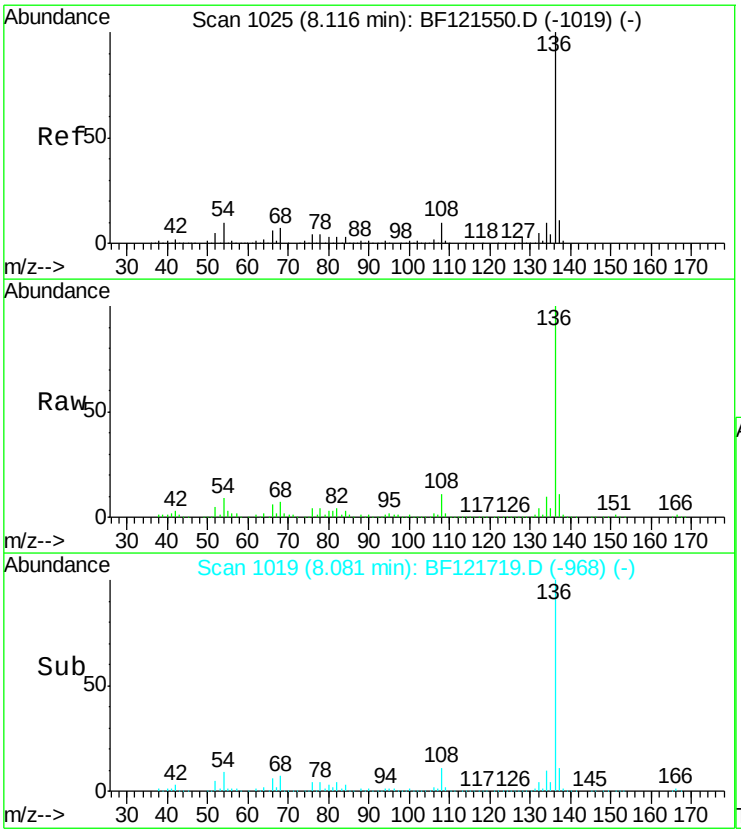
#7
Phenol-d6
Concen: 18.236 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion: 99 Resp: 236959

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.1	24.1
71	32.9	27.6	41.4

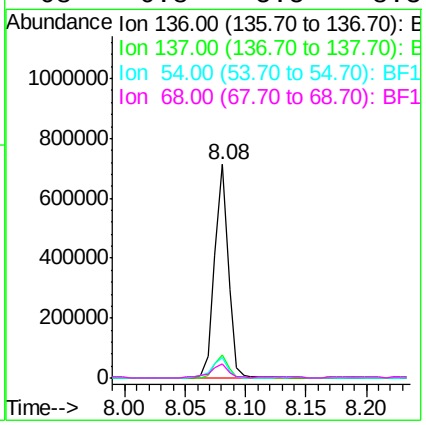


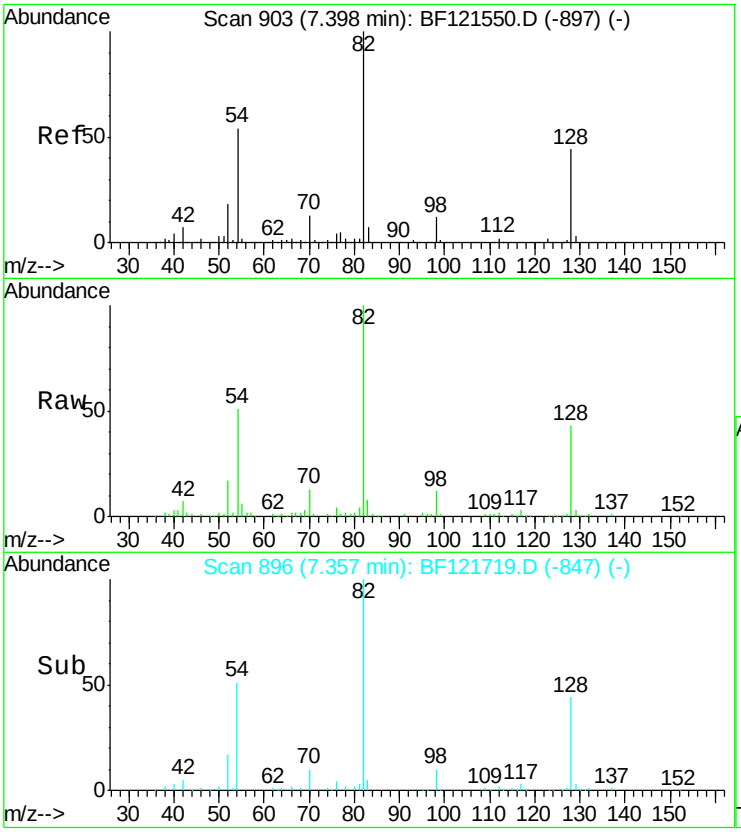


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:136 Resp: 551636

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.5	7.5	11.3
68	6.8	5.5	8.3



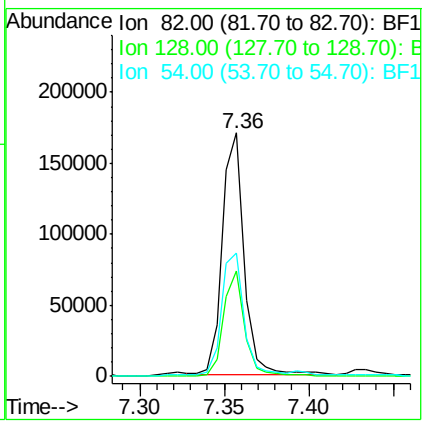


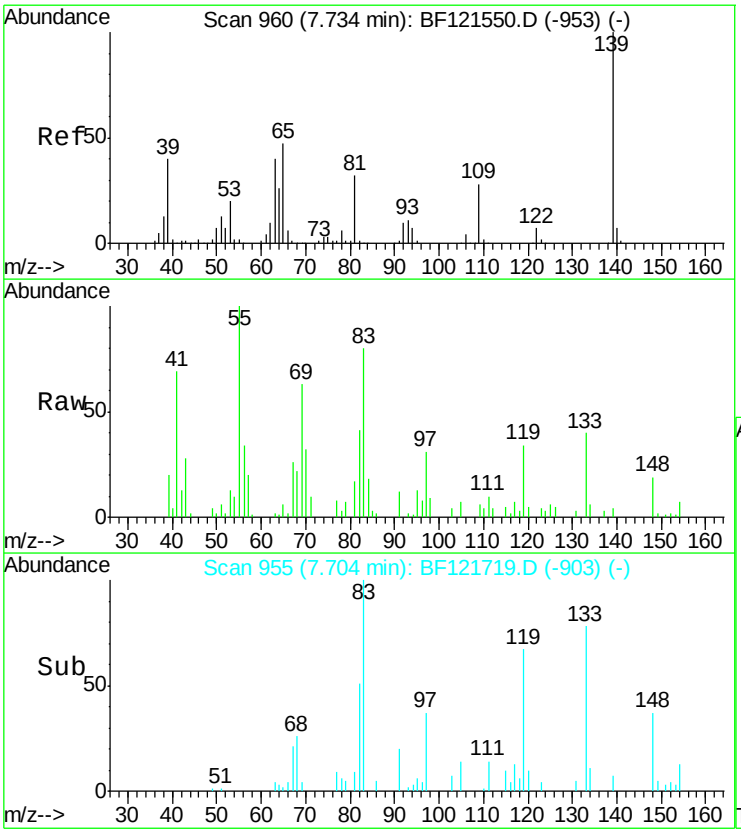
#23
Nitrobenzene-d5
Concen: 14.783 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion: 82 Resp: 151884

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.8	53.6
54	50.8	42.6	63.8

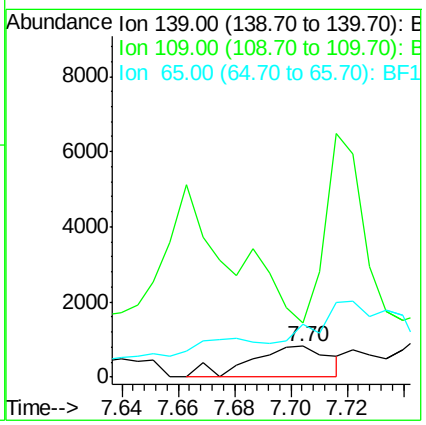


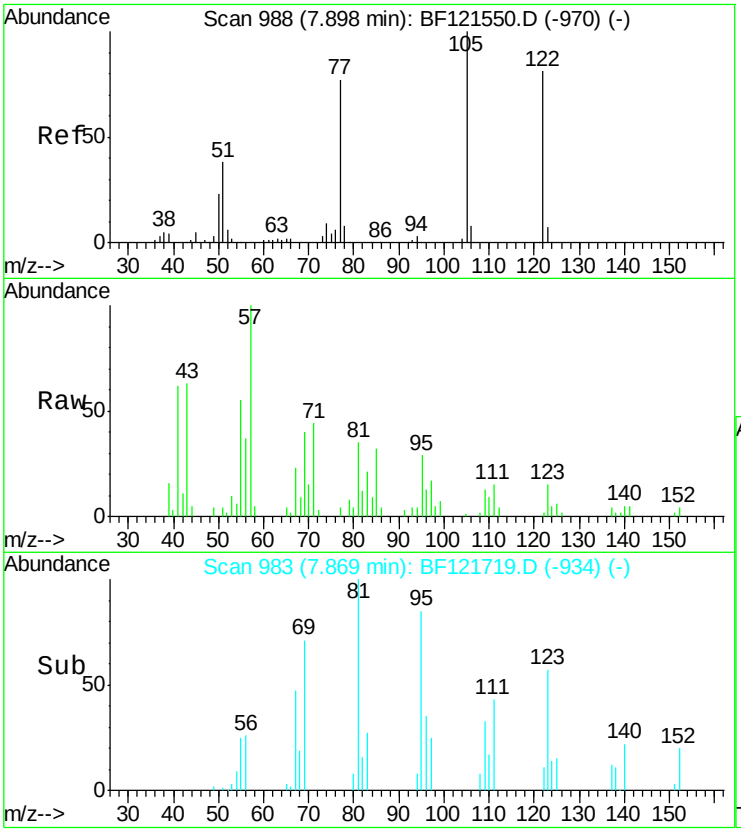


#26
2-Nitrophenol
Concen: 2.850 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:139 Resp: 1607

Ion	Ratio	Lower	Upper
139	100		
109	175.9	23.5	35.3#
65	170.5	42.8	64.2#



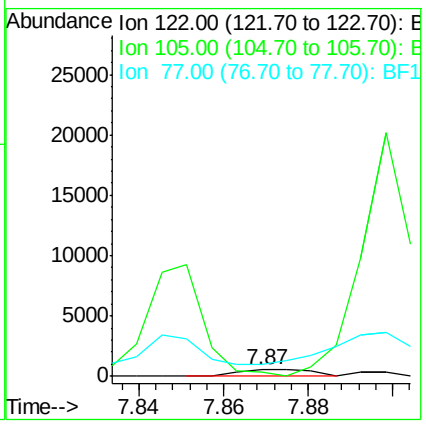


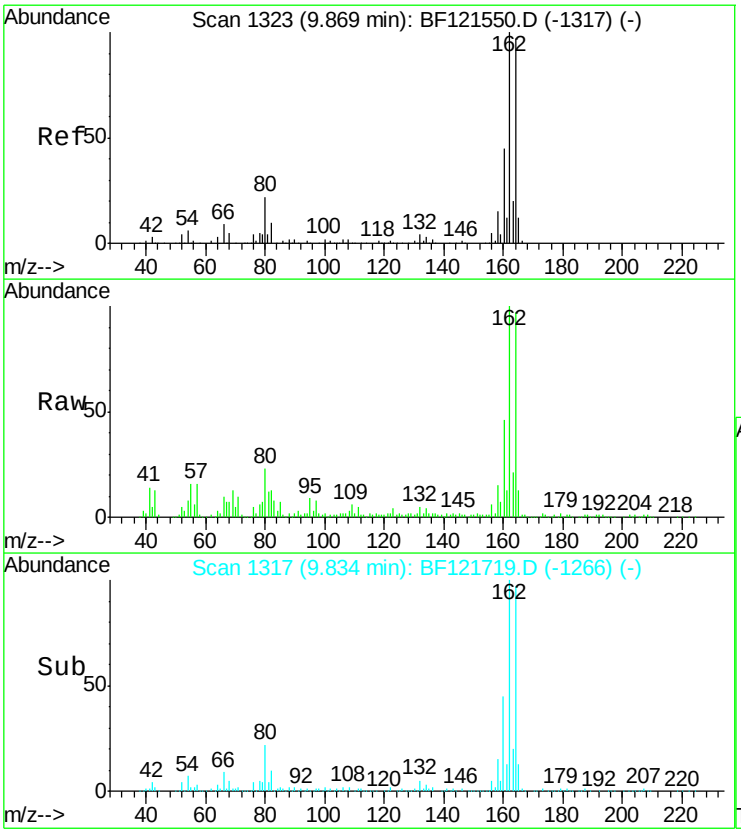
#32
Benzoic acid
Concen: 7.017 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:122 Resp: 652

Ion	Ratio	Lower	Upper
122	100		
105	57.8	101.7	141.7#
77	181.8	72.8	112.8#

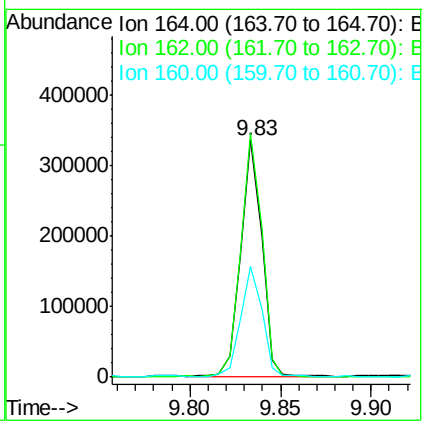


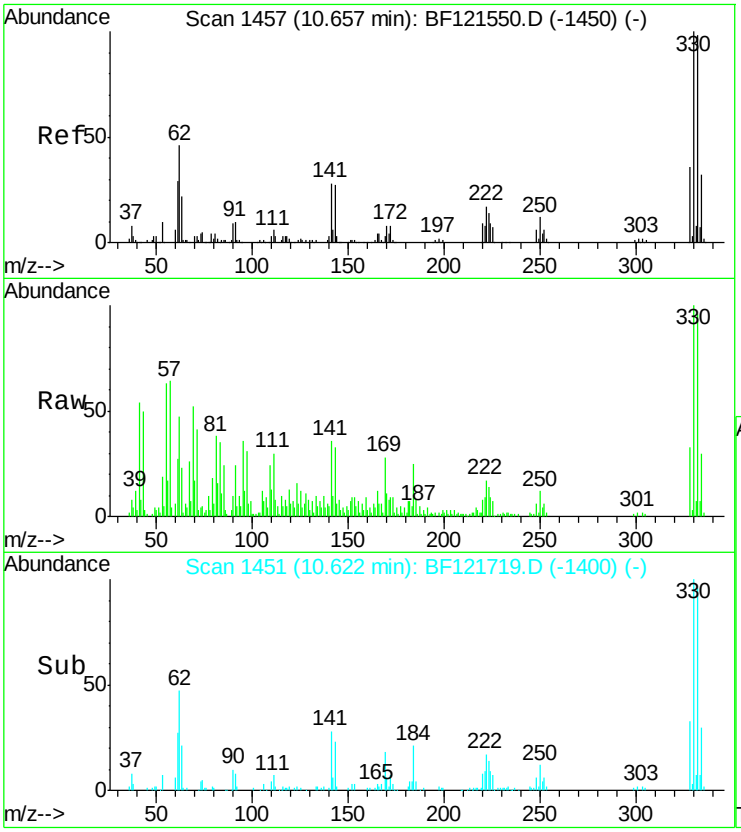


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:164 Resp: 269769

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	46.9	36.8	55.2



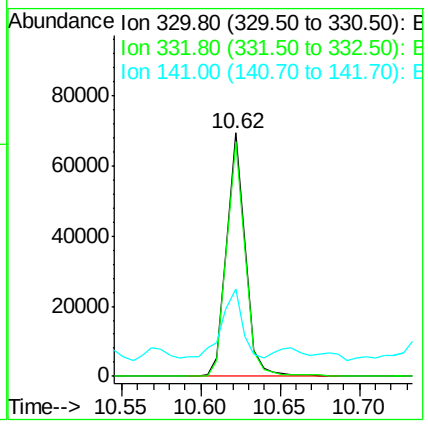


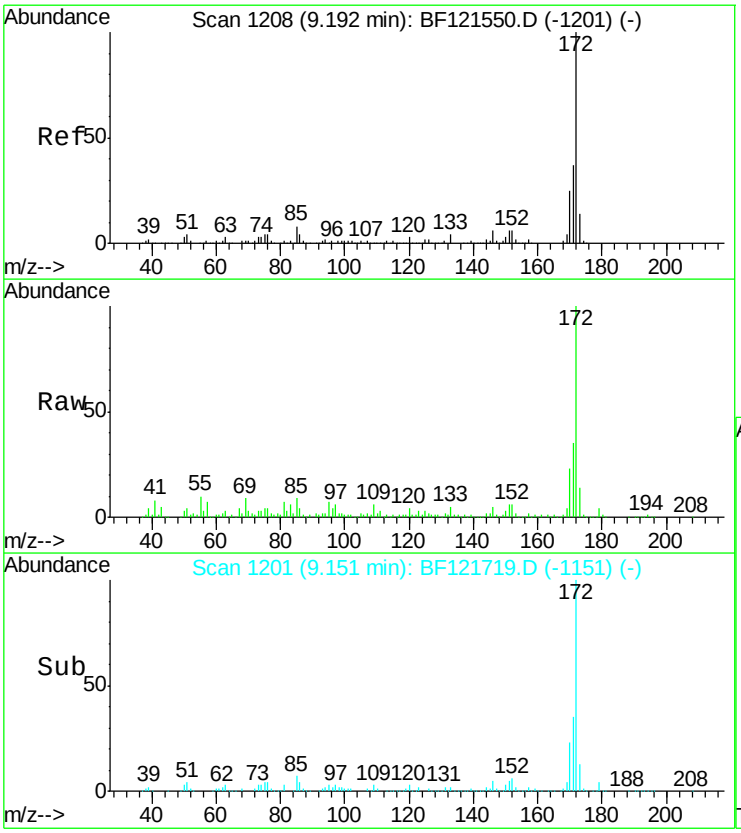
#42
2,4,6-Tribromophenol
Concen: 16.965 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:330 Resp: 56880

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	31.5	22.2	33.4

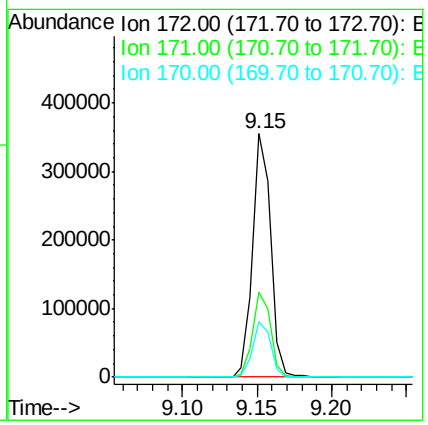


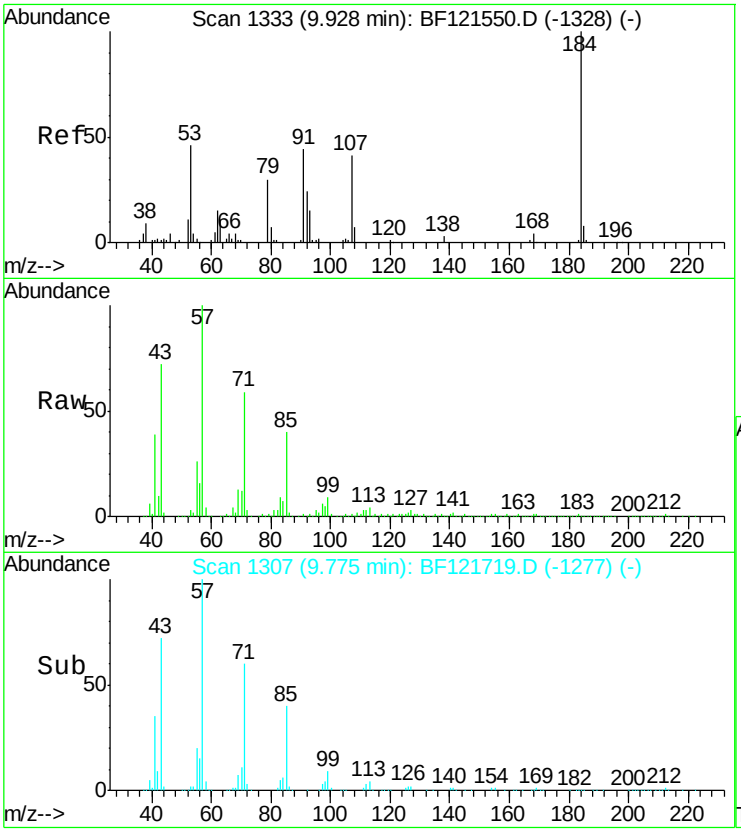


#45
2-Fluorobiphenyl
Concen: 16.637 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:172 Resp: 296340

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.6
170	23.0	19.5	29.3



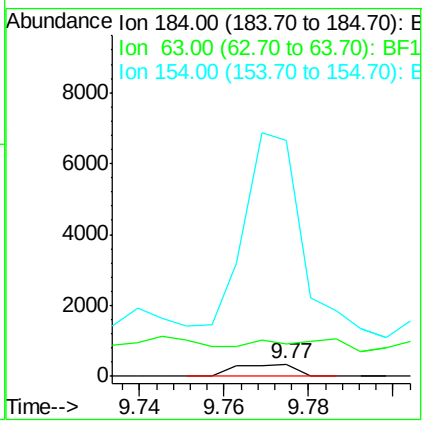


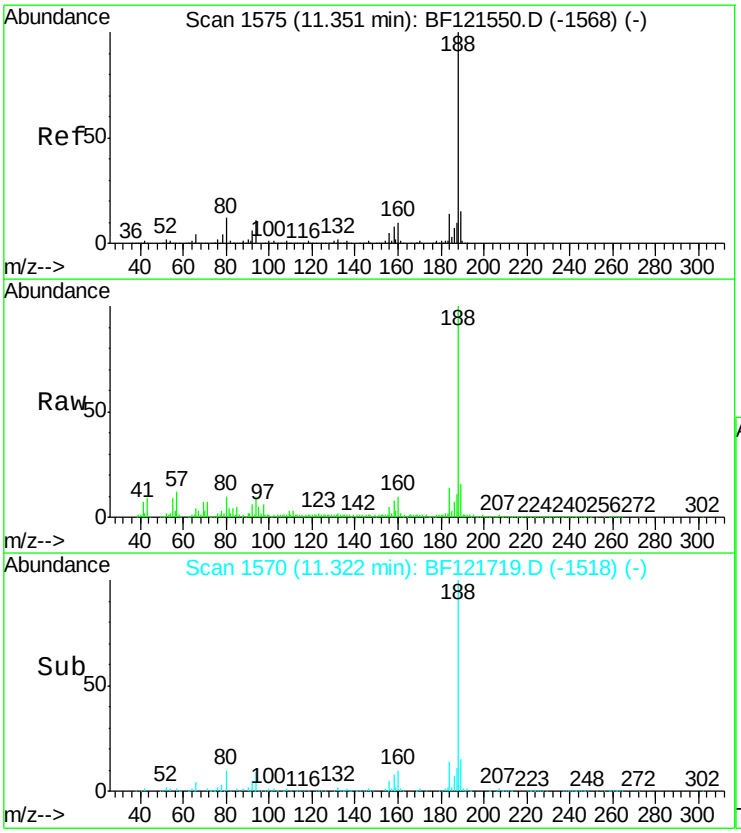
#54
2,4-Dinitrophenol
Concen: 9.175 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.12 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:184 Resp: 345

Ion	Ratio	Lower	Upper
184	100		
63	262.0	54.6	82.0#
154	1883.0	48.4	72.6#

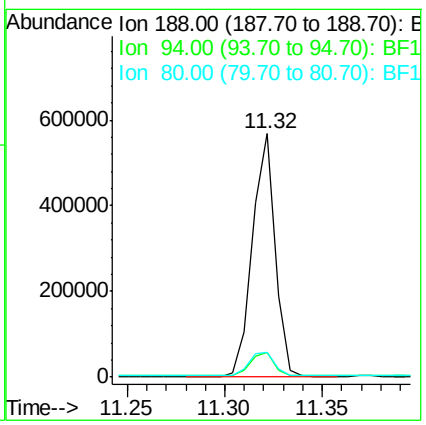


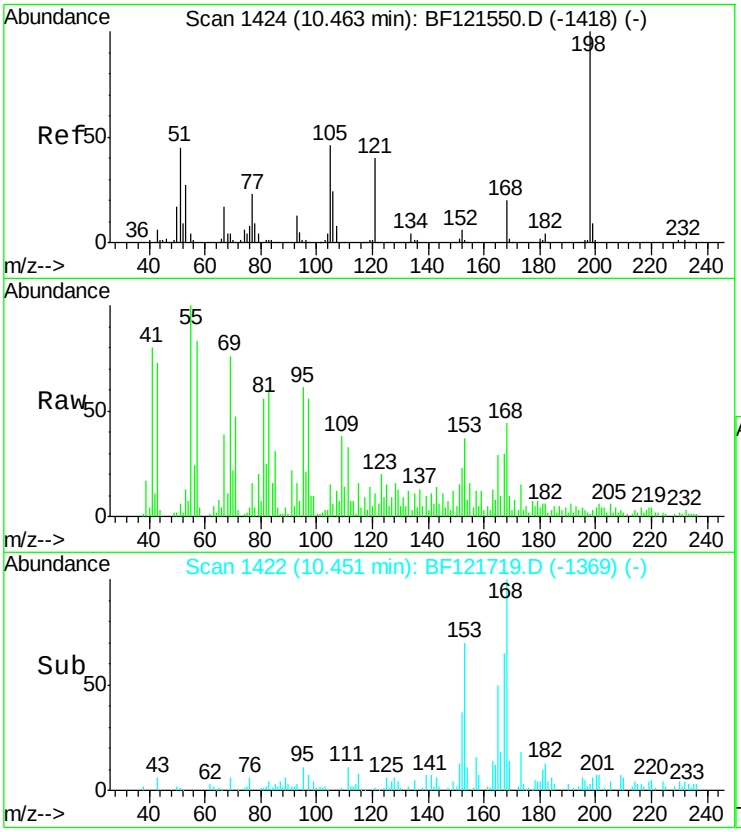


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:188 Resp: 456921

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.4	9.3	13.9



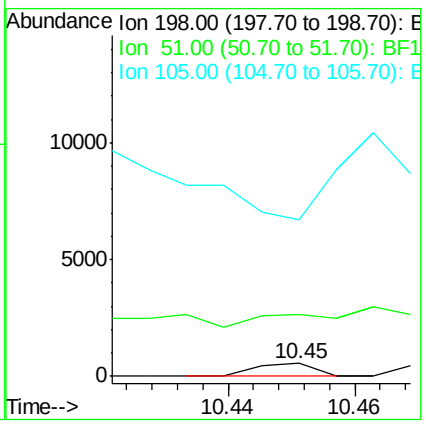


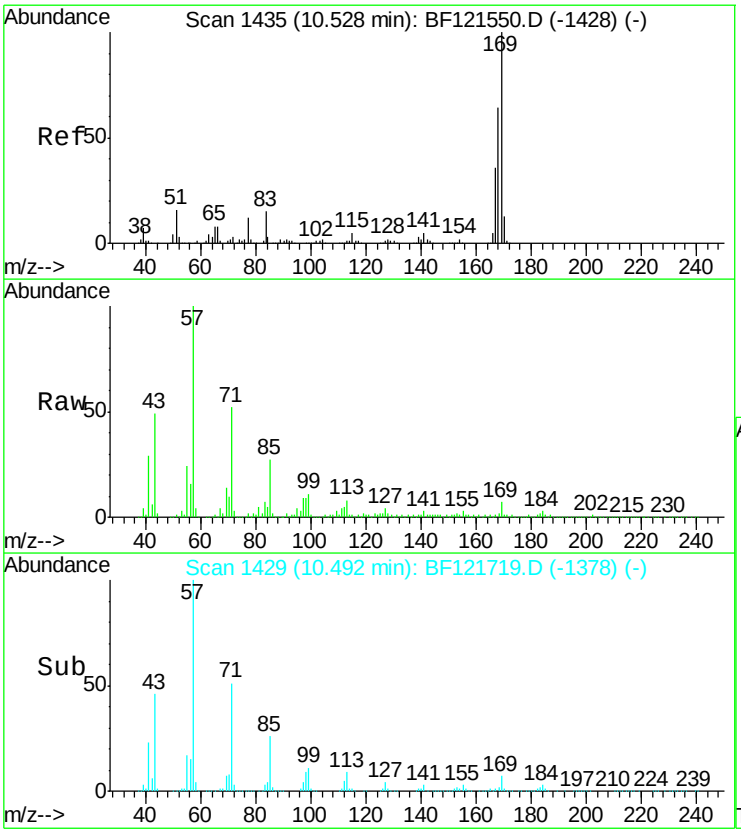
#65
4,6-Dinitro-2-methylphenol
Concen: 6.962 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:198 Resp: 359

Ion	Ratio	Lower	Upper
198	100		
51	479.7	18.8	58.8#
105	1226.1	18.5	58.5#

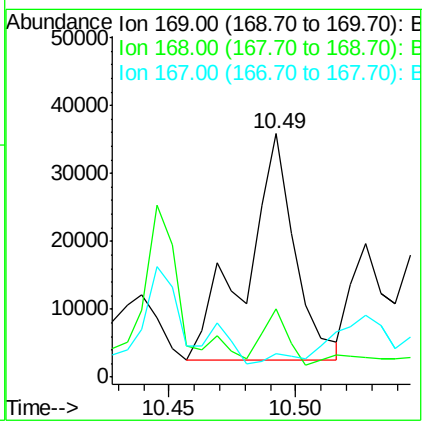


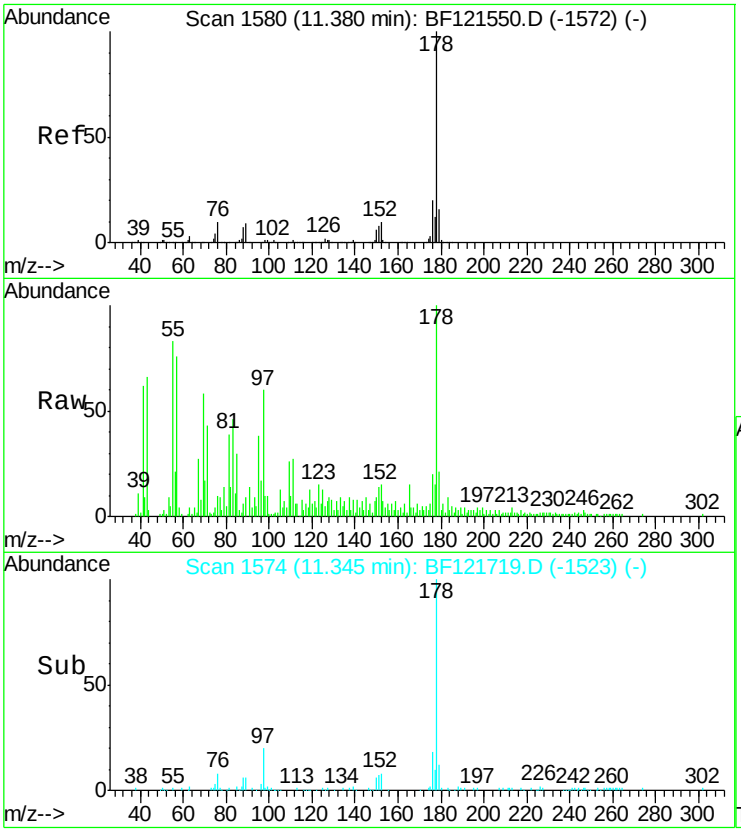


#66
n-Nitrosodiphenylamine
Concen: 2.831 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:169 Resp: 44379

Ion	Ratio	Lower	Upper
169	100		
168	28.2	50.5	75.7#
167	9.5	28.0	42.0#



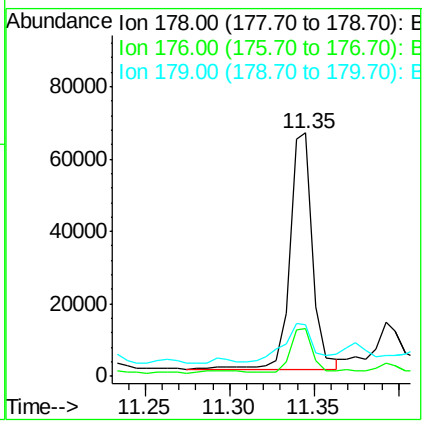


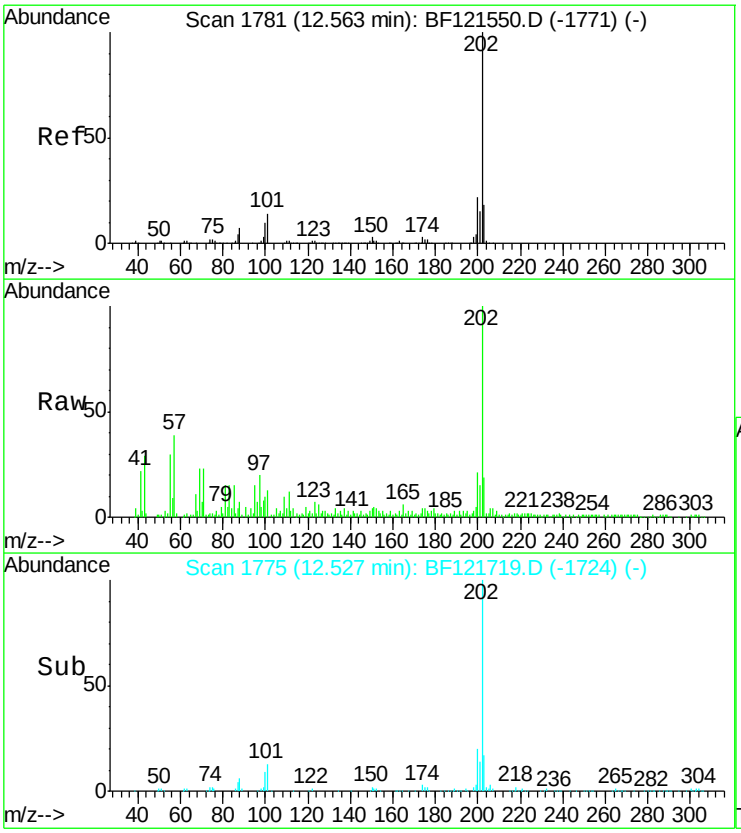
#71
Phenanthrene
Concen: 2.521 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:178 Resp: 62768

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	21.4	12.5	18.7#

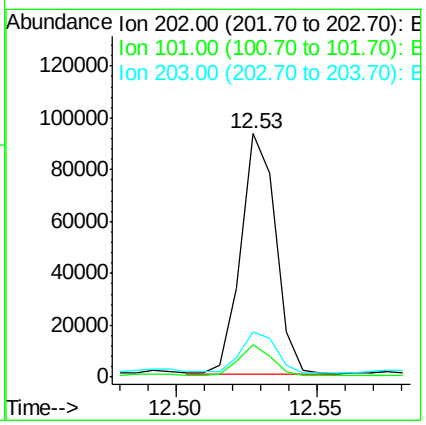


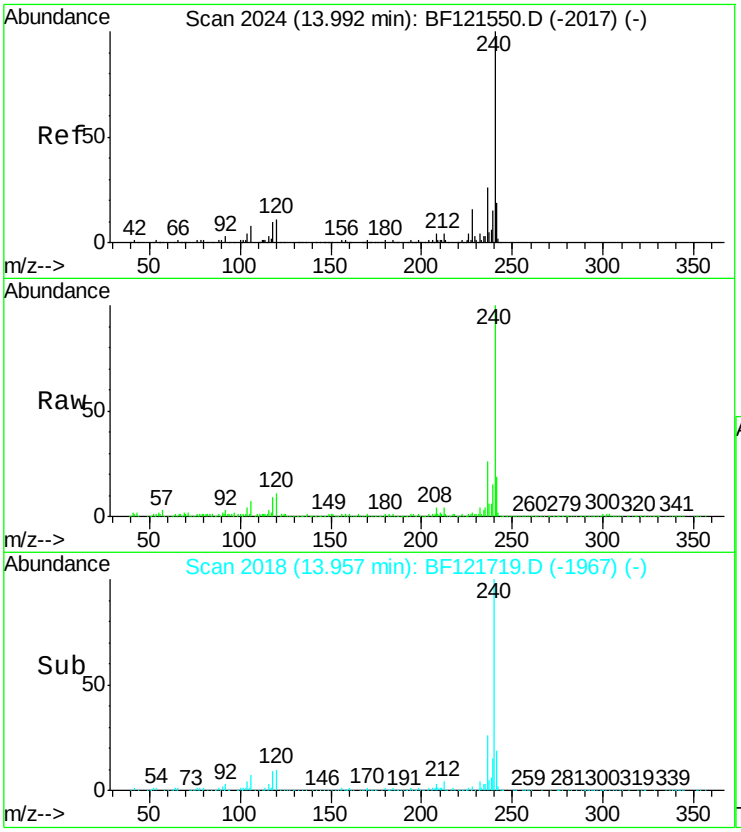


#75
Fluoranthene
Concen: 2.971 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:202 Resp: 78965

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.7
203	18.5	0.0	38.5



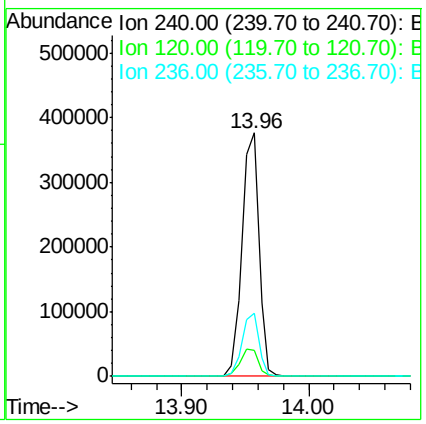


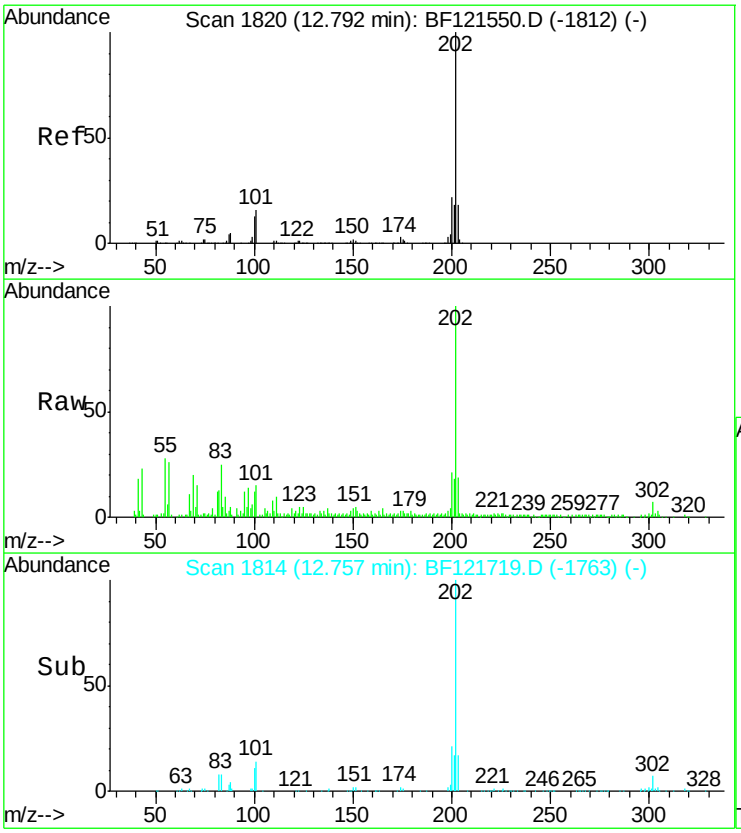
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:240 Resp: 347016

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.9	20.6	30.8

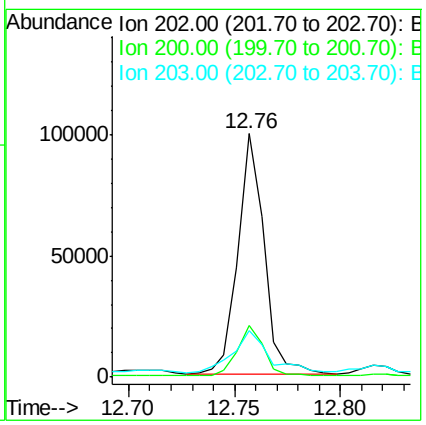


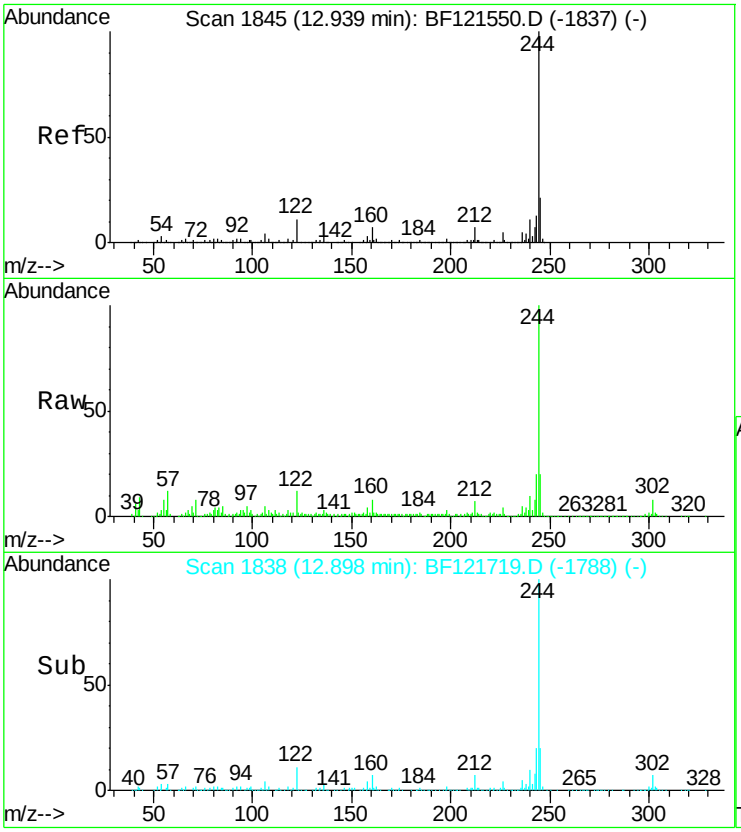


#78
Pyrene
Concen: 3.366 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:202 Resp: 85345

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	19.3	14.3	21.5



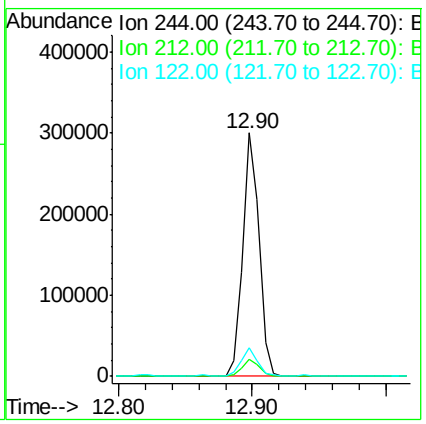


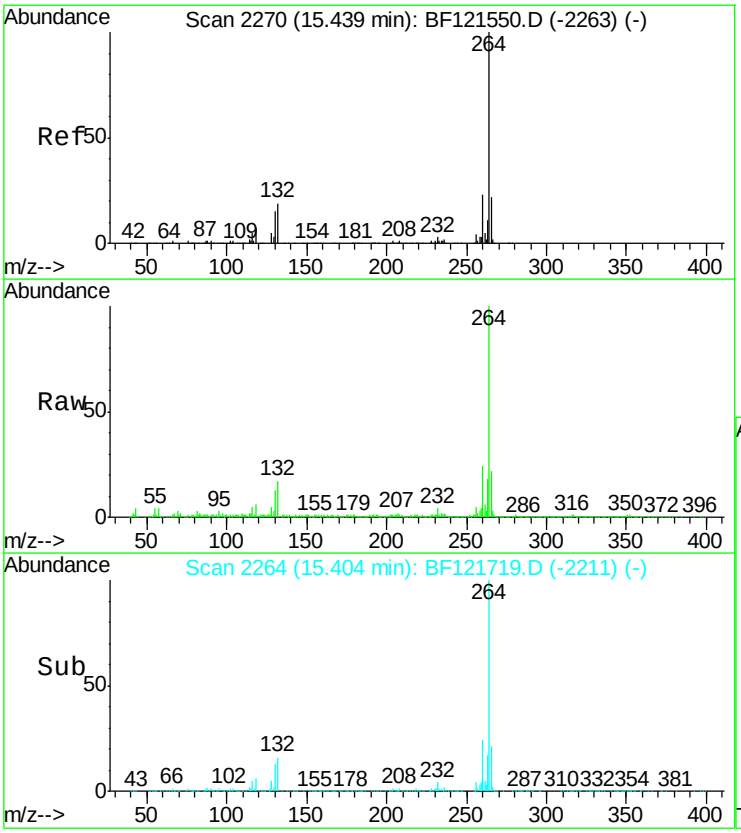
#79
Terphenyl-d14
Concen: 14.830 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:244 Resp: 254021

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.9	8.0	12.0

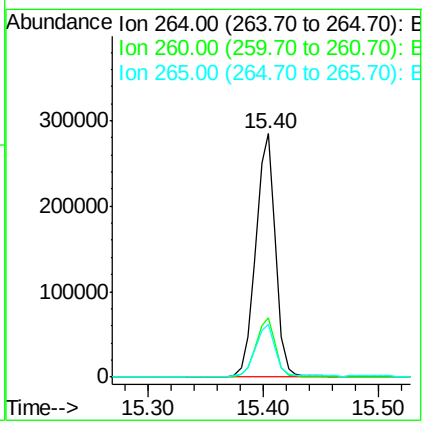


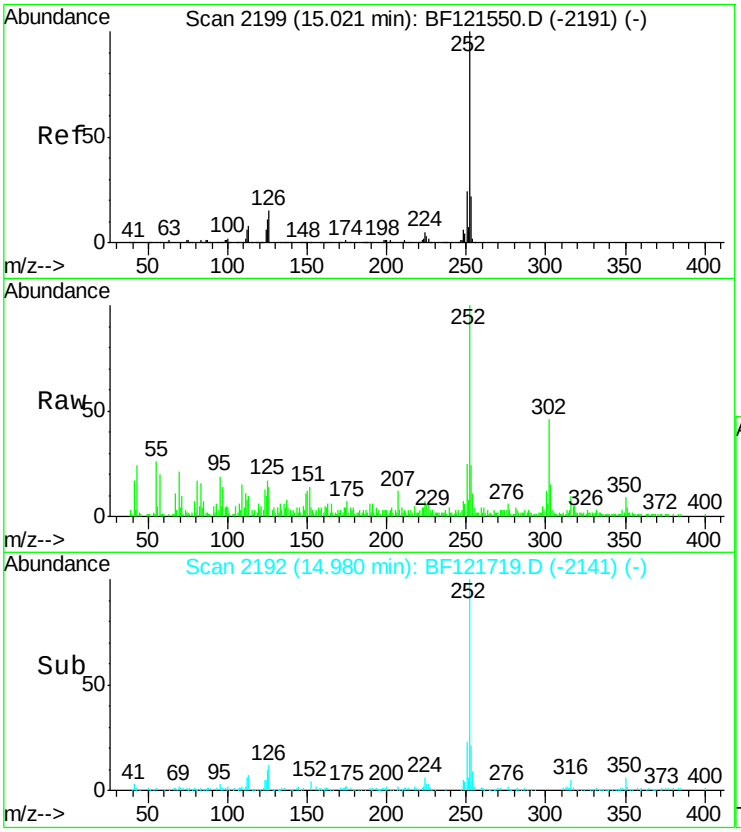


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:264 Resp: 337715

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.7	17.2	25.8



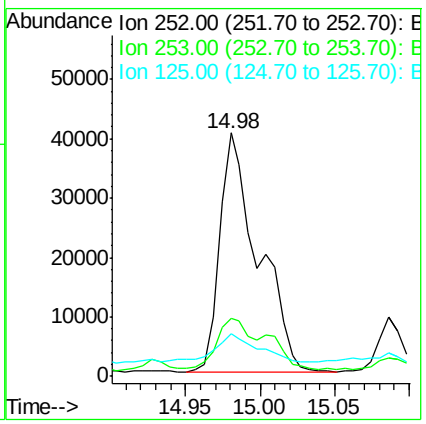


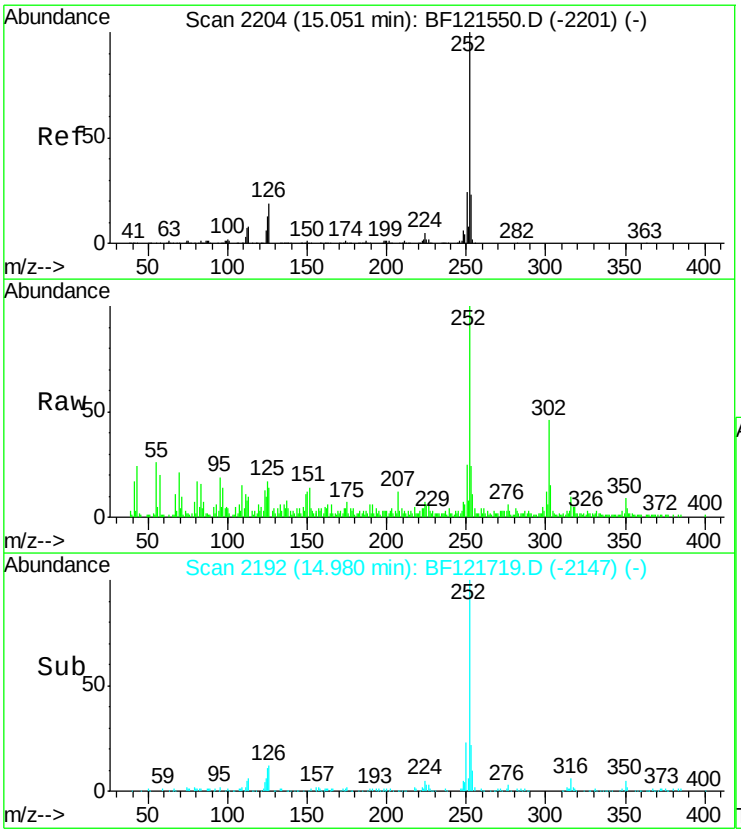
#88
Benzo(b)fluoranthene
Concen: 3.221 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tgt Ion:252 Resp: 72719

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	17.3	8.6	13.0#





#89
Benzo(k)fluoranthene
Concen: 3.517 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.04 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion:252 Resp: 72719

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	17.3	7.1	10.7#