Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122093.D
Acq On : 22 Oct 2020 20:05
Operator : JU/CG
Sample : L4225-10 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-102120

Quant Time: Oct 23 00:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	106983	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	407935	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	188537	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	297319	20.00	ng		0.00
76) Chrysene-d12	13.892	240	255929	20.00	ng		0.00
86) Perylene-d12	15.327	264	232252	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	308986	42.63	ng		0.00
7) Phenol-d6	6.381	99	378744	40.59	ng		0.00
23) Nitrobenzene-d5	7.298	82	255256	32.09	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	78624	33.71	ng		0.00
45) 2-Fluorobiphenyl	9.080	172	447808	34.95	ng		0.00
79) Terphenyl-d14	12.827	244	354372	26.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.381	77	385	Below Cal		#	3
19) n-Nitroso-di-n-propyla...	7.298	70	34256	6.45	ng	#	80
25) Isophorone	7.298	82	255254	16.97	ng	#	67
50) Dimethylphthalate	9.480	163	69045	5.01	ng		99
52) Acenaphthene	9.792	154	28797	2.64	ng		98
56) 4-Nitrophenol	9.969	139	9382	5.01	ng	#	17
57) 2,4-Dinitrotoluene	9.763	165	25878	6.95	ng	#	21
71) Phenanthrene	11.269	178	180540	11.07	ng		99
72) Anthracene	11.327	178	50860	3.01	ng		98
75) Fluoranthene	12.463	202	298184	17.06	ng		96
78) Pyrene	12.692	202	246772	12.65	ng		99
81) Benzo(a)anthracene	13.880	228	118692	7.08	ng		99
83) Chrysene	13.915	228	103065	6.26	ng		97
87) Indeno(1,2,3-cd)pyrene	16.745	276	56209	3.73	ng		95
88) Benzo(b)fluoranthene	14.915	252	181691	11.57	ng		96
89) Benzo(k)fluoranthene	14.915	252	181691	12.18	ng	#	95
90) Benzo(a)pyrene	15.268	252	97506	7.19	ng	#	95
92) Benzo(g,h,i)perylene	17.168	276	57204	4.60	ng		97

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
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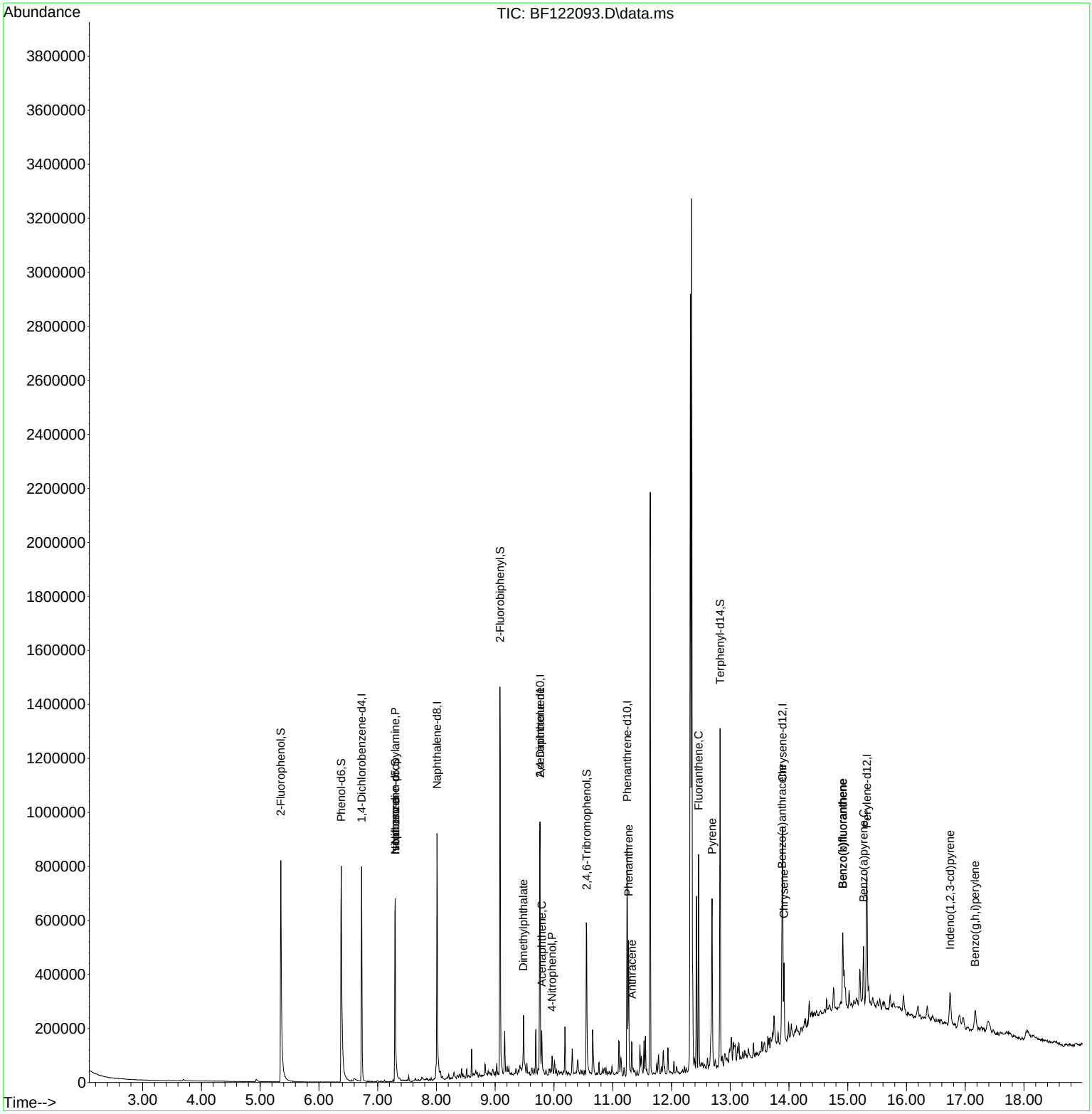
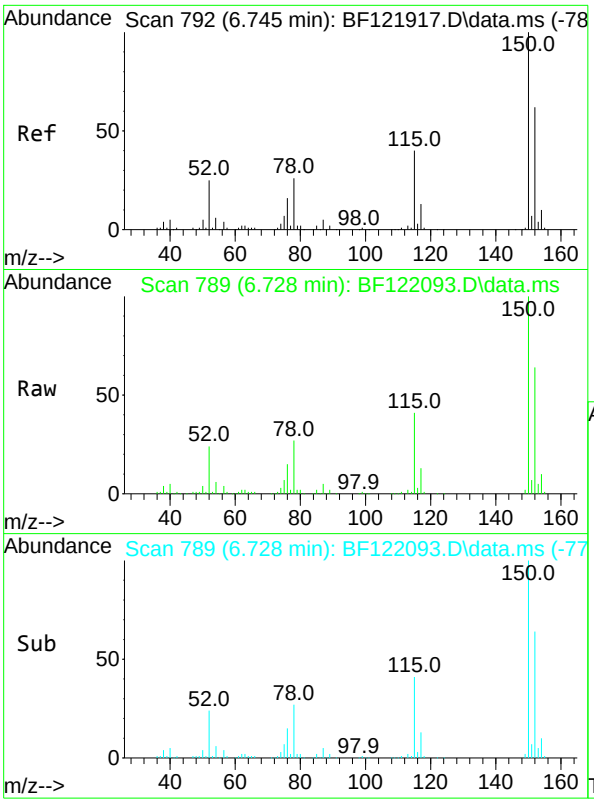
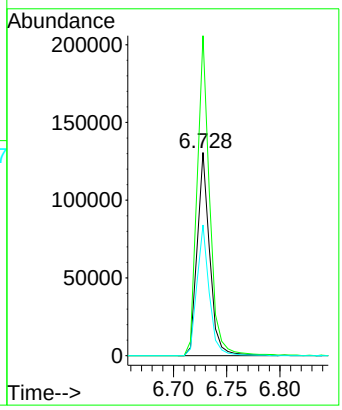




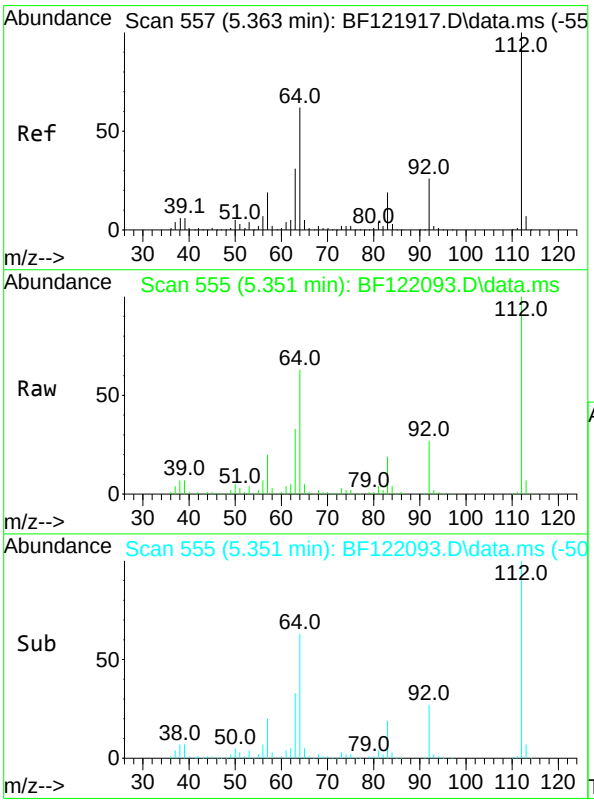
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:152 Resp: 106983

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	64.3	51.9	77.9



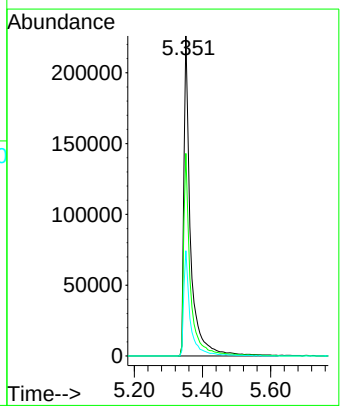
Instrument :
BNA_F
ClientSampleId :
SU-02-102120



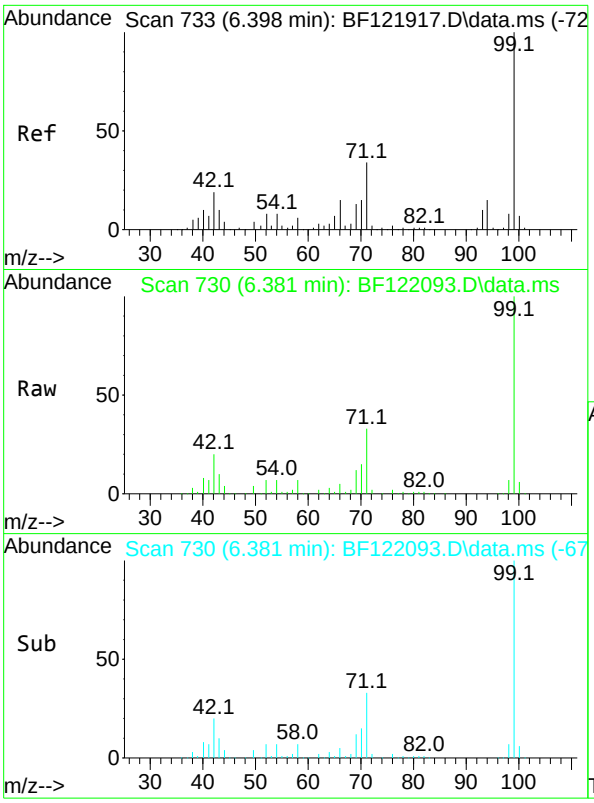
#5
2-Fluorophenol
Concen: 42.63 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:112 Resp: 308986

Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.4	75.6
63	32.9	25.8	38.6



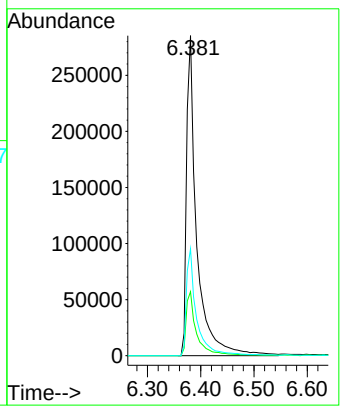
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

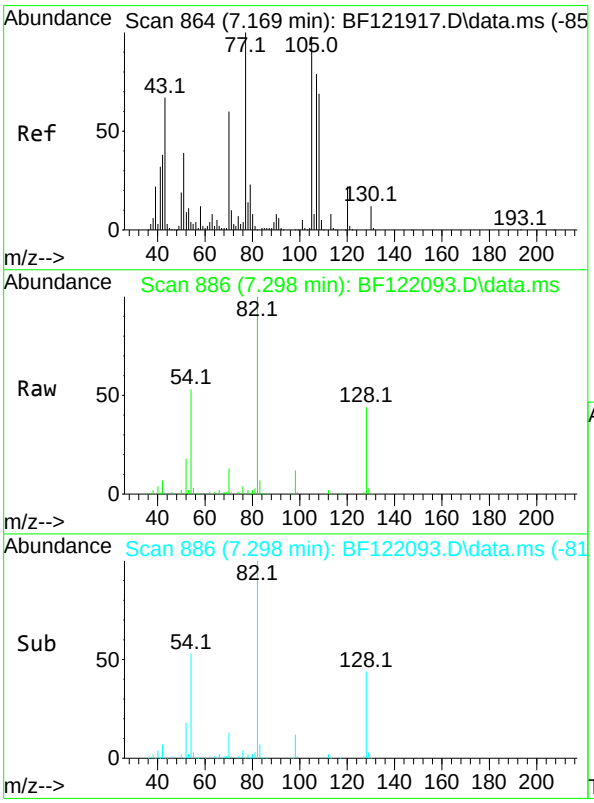


#7
Phenol-d6
Concen: 40.59 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 99 Resp: 378744

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	33.4	27.1	40.7

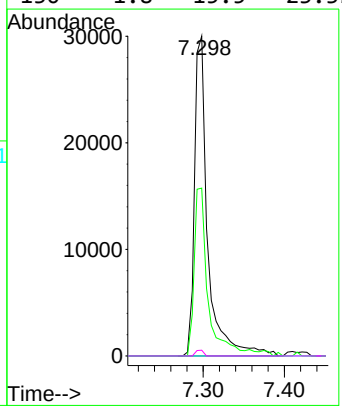


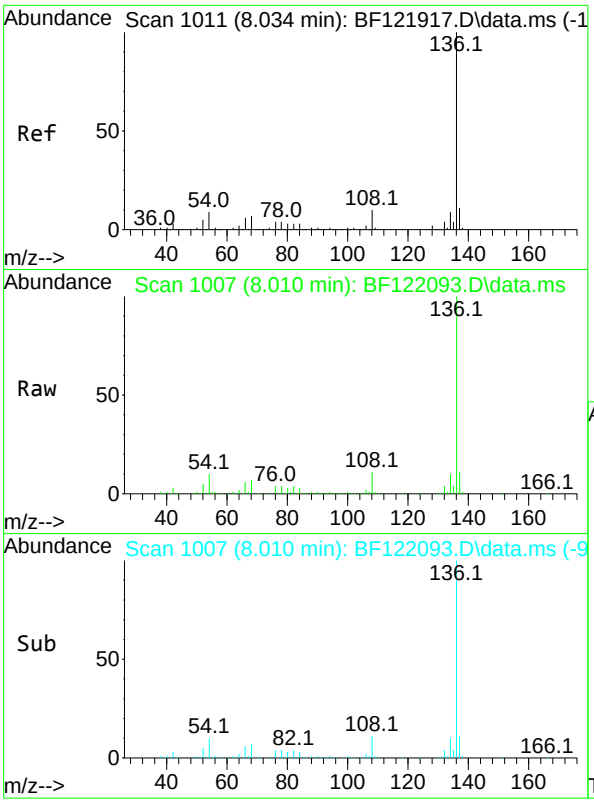


#19
n-Nitroso-di-n-propylamine
Concen: 6.45 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 70 Resp: 34256

Ion	Ratio	Lower	Upper
70	100		
42	52.4	50.2	75.4
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#

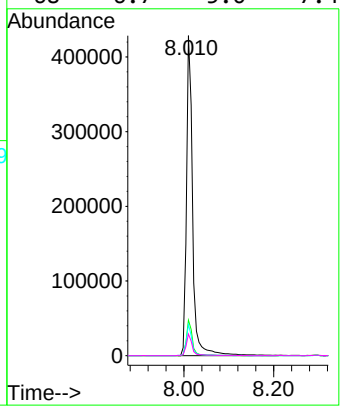




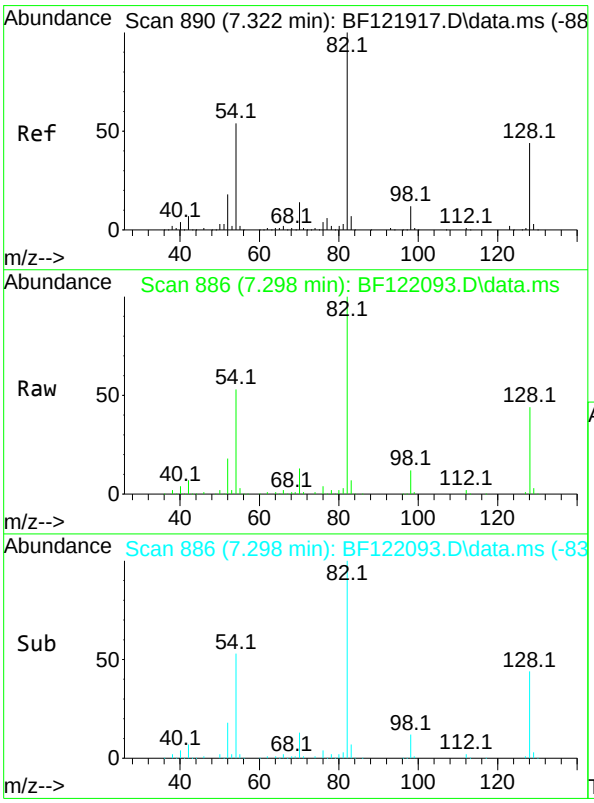
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:136 Resp: 407935

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.8	7.1	10.7
68	6.7	5.0	7.4



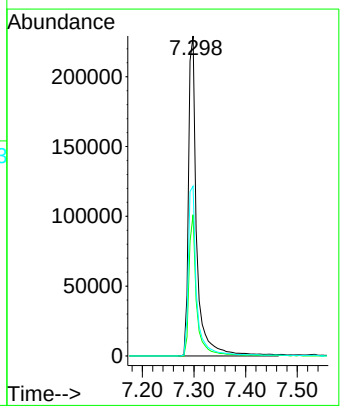
Instrument :
BNA_F
ClientSampleId :
SU-02-102120



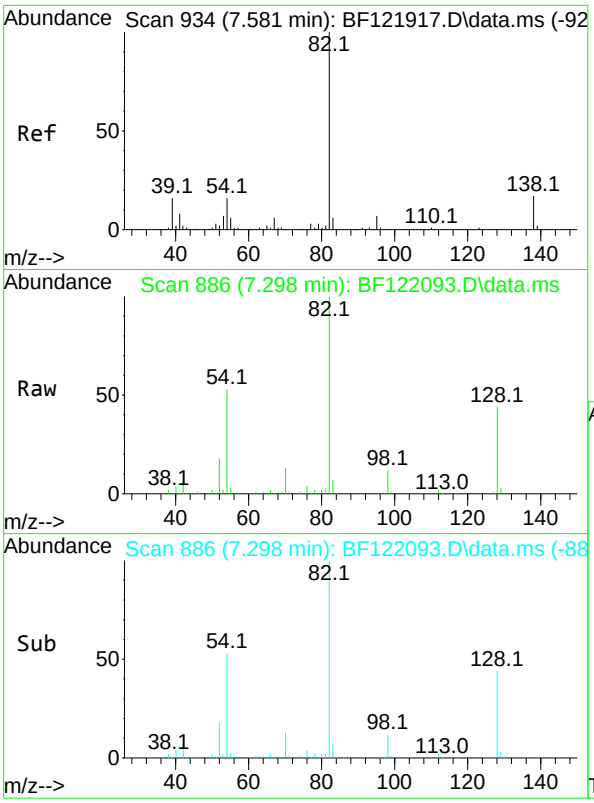
#23
Nitrobenzene-d5
Concen: 32.09 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 82 Resp: 255256

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.4
54	53.1	43.9	65.9



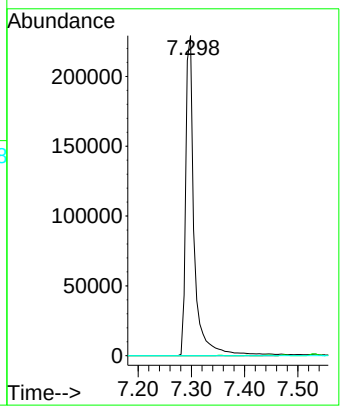
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

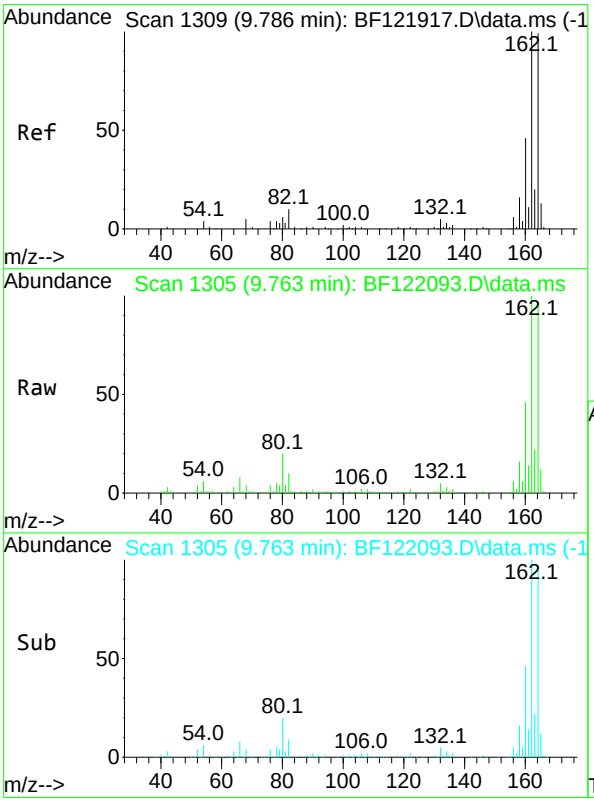


#25
Isophorone
Concen: 16.97 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 82 Resp: 255254

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

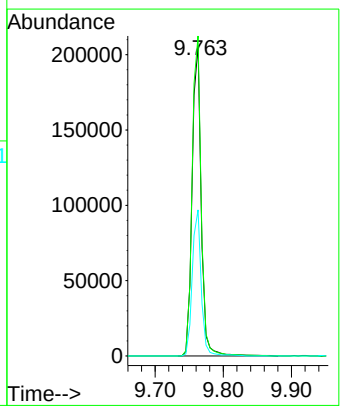




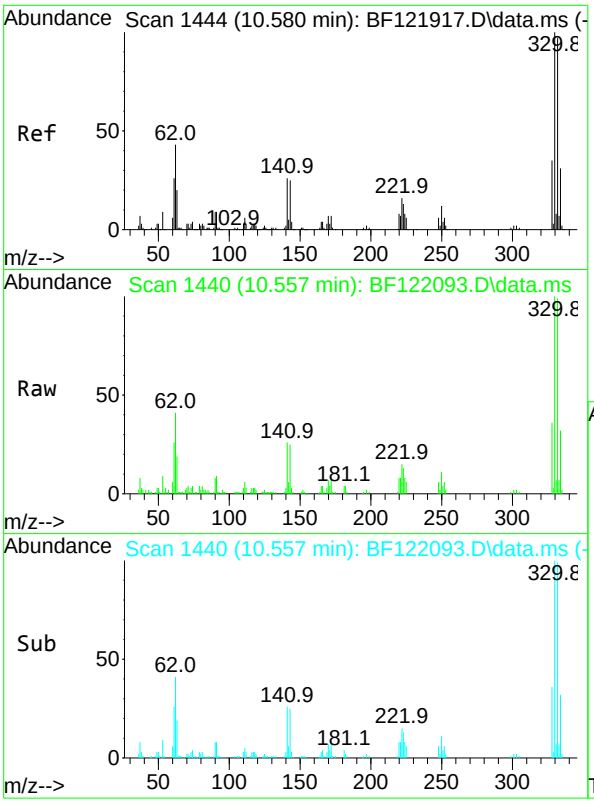
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:164 Resp: 188537

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	47.1	37.5	56.3



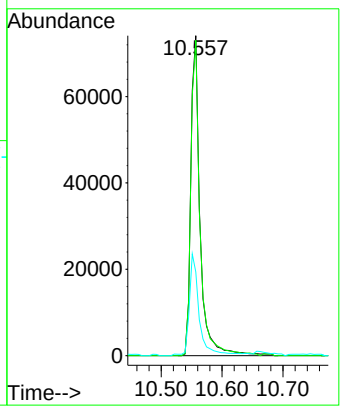
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

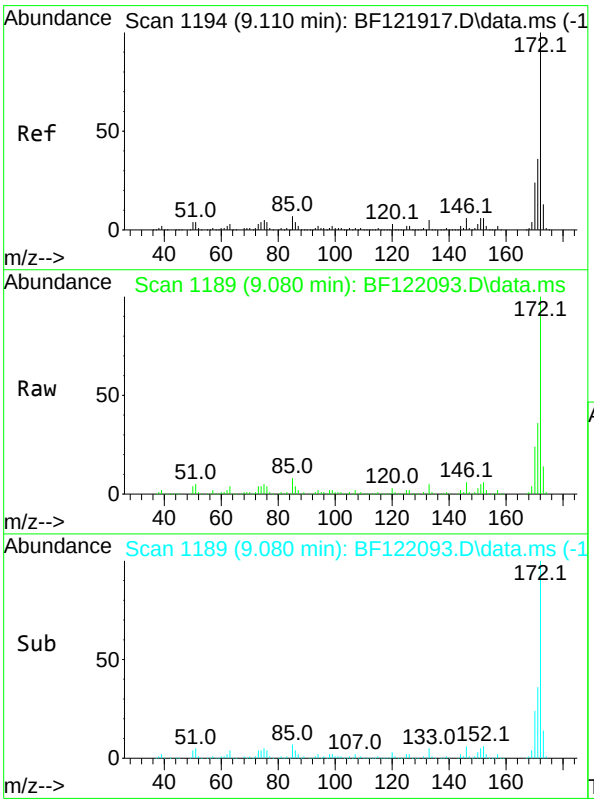


#42
2,4,6-Tribromophenol
Concen: 33.71 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:330 Resp: 78624

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	33.9	22.3	33.5#

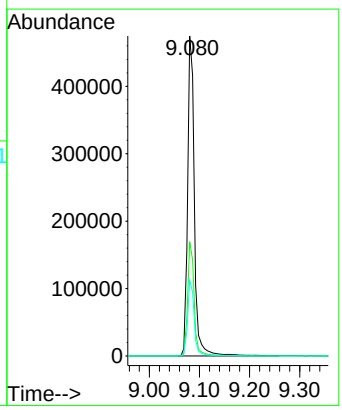




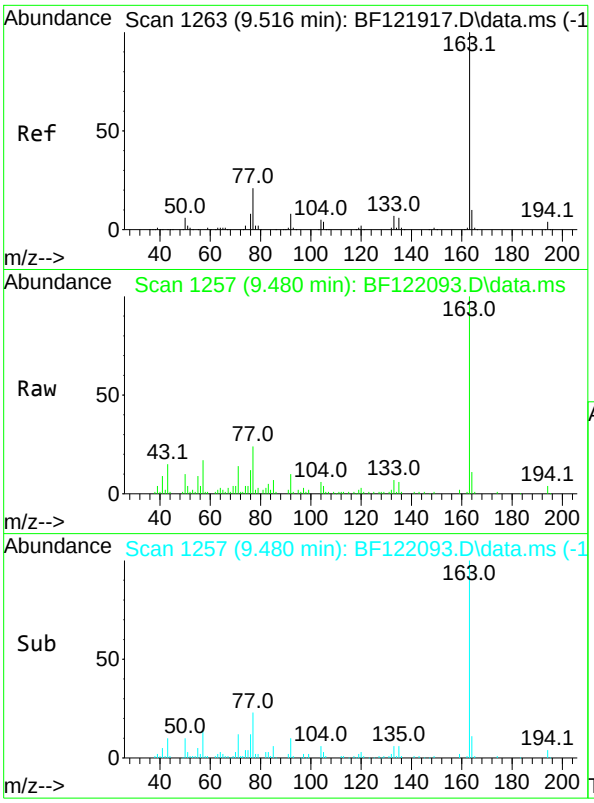
#45
2-Fluorobiphenyl
Concen: 34.95 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:172 Resp: 447808

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	23.6	19.8	29.6



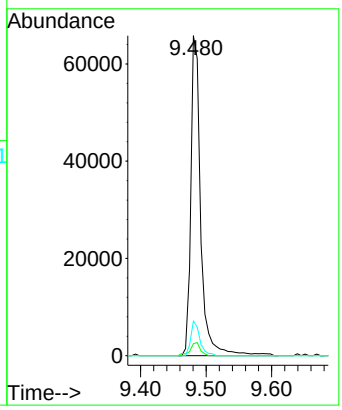
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

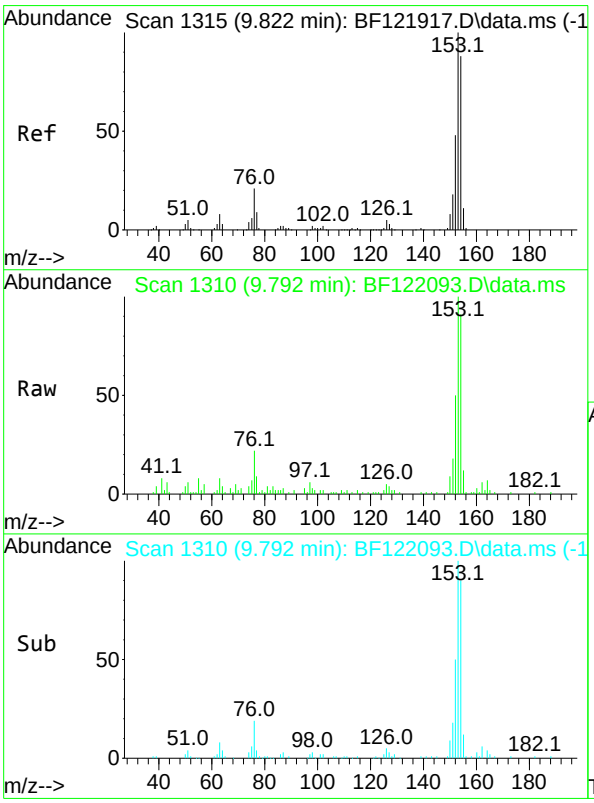


#50
Dimethylphthalate
Concen: 5.01 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:163 Resp: 69045

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.8	8.2	12.4

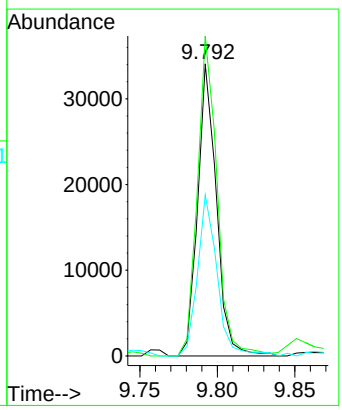




#52
Acenaphthene
Concen: 2.64 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:154 Resp: 28797

Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.8	134.8
152	55.2	43.2	64.8



Instrument :
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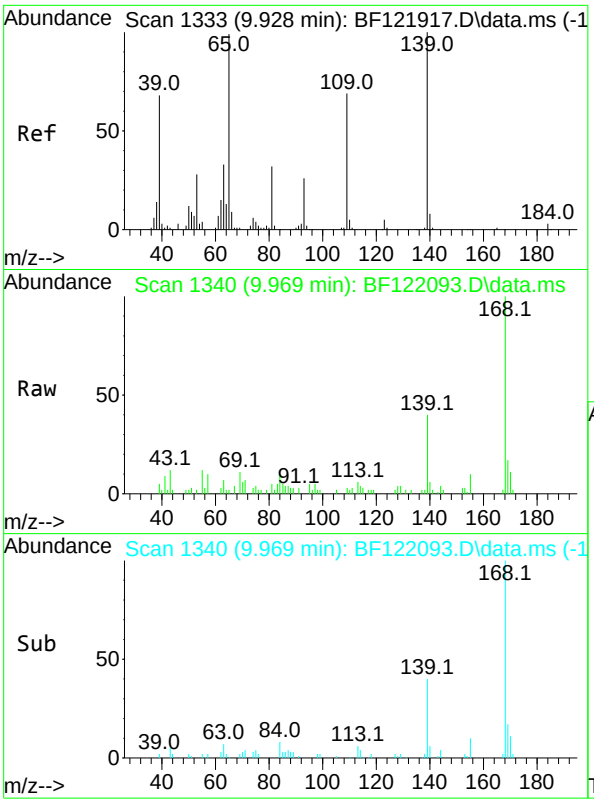
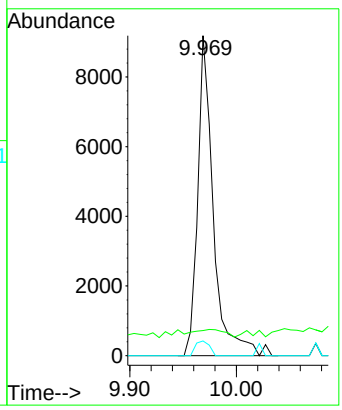
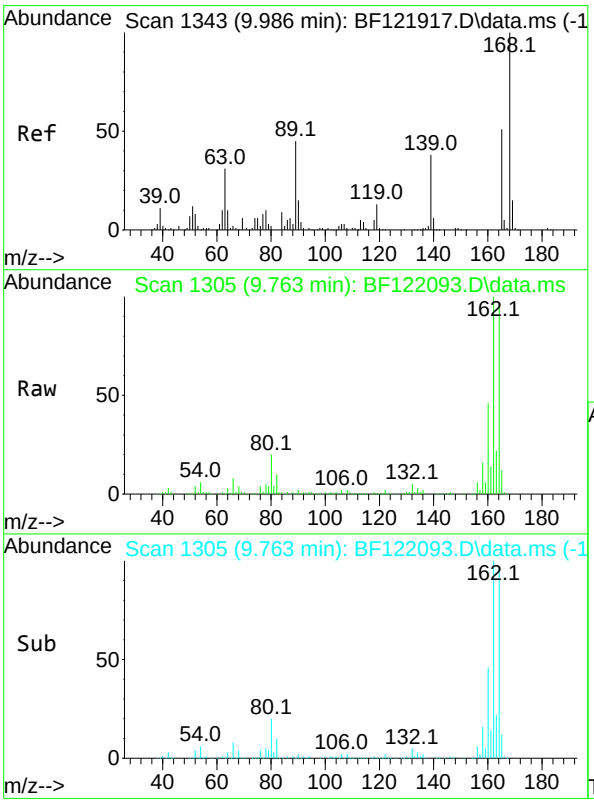


#56
4-Nitrophenol
Concen: 5.01 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.053 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:139 Resp: 9382

Ion	Ratio	Lower	Upper
139	100		
109	7.9	45.4	85.4#
65	4.6	68.4	108.4#

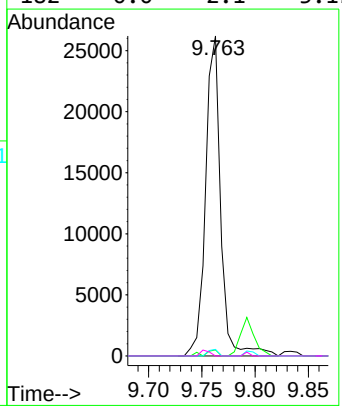




#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.212 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:165 Resp: 25878

Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.3	61.9#
89	2.1	61.8	92.8#
182	0.0	2.1	3.1#



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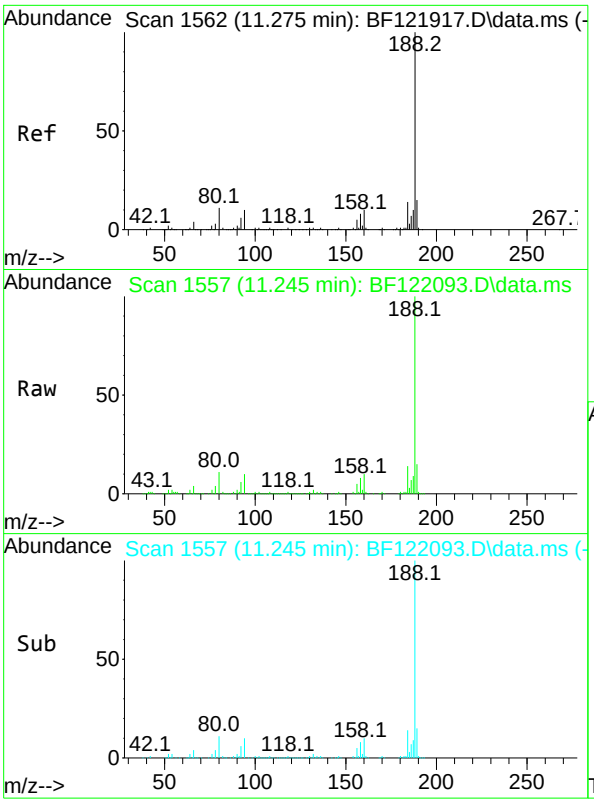
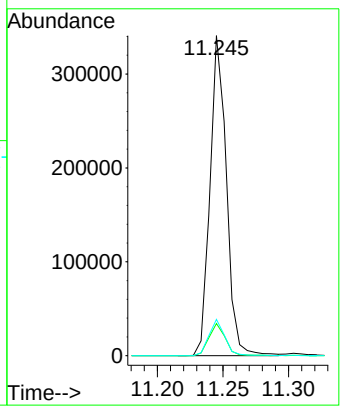
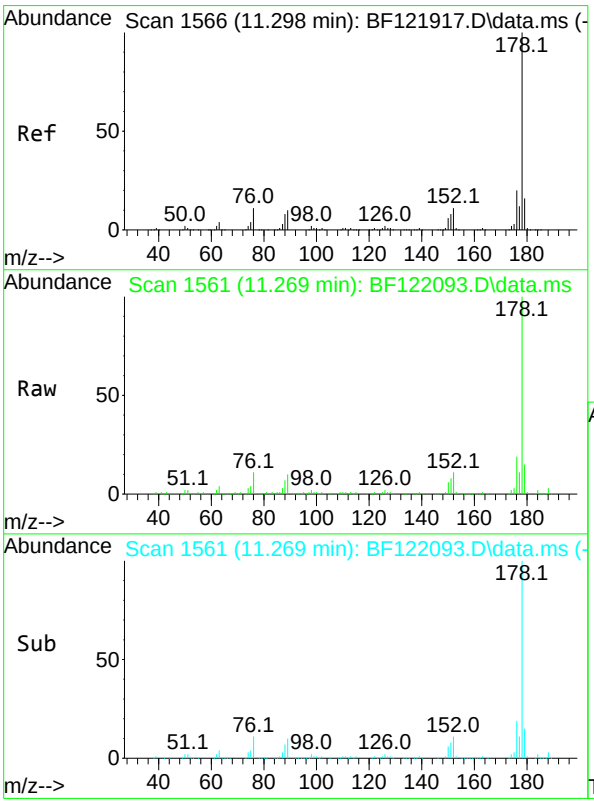


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:188 Resp: 297319

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	11.4	9.1	13.7

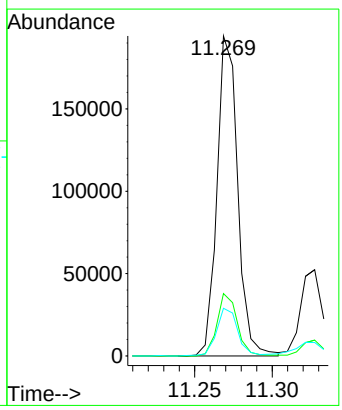




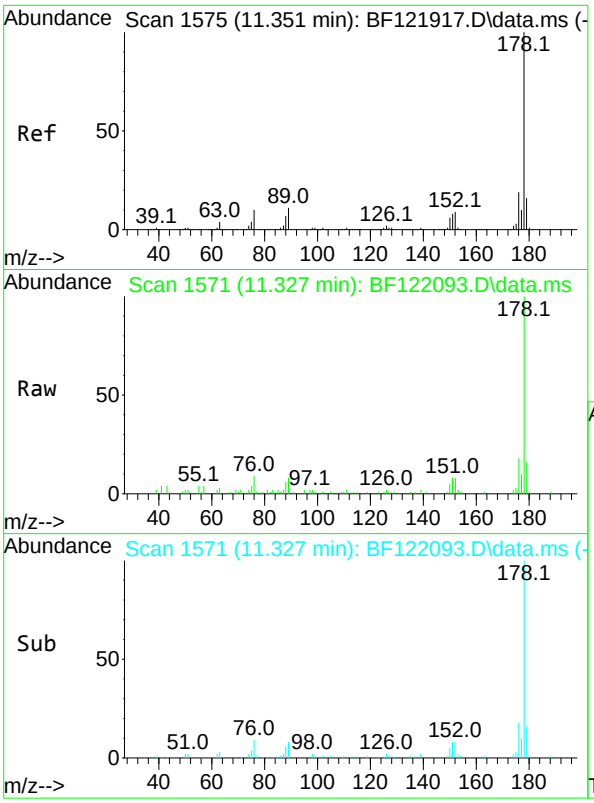
#71
Phenanthrene
Concen: 11.07 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:178 Resp: 180540

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.9	12.2	18.4



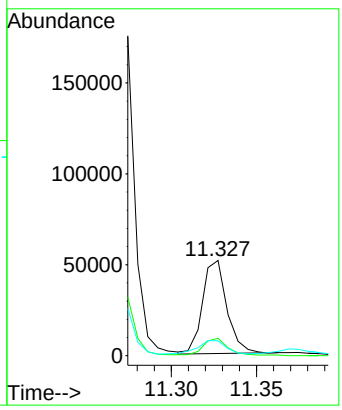
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

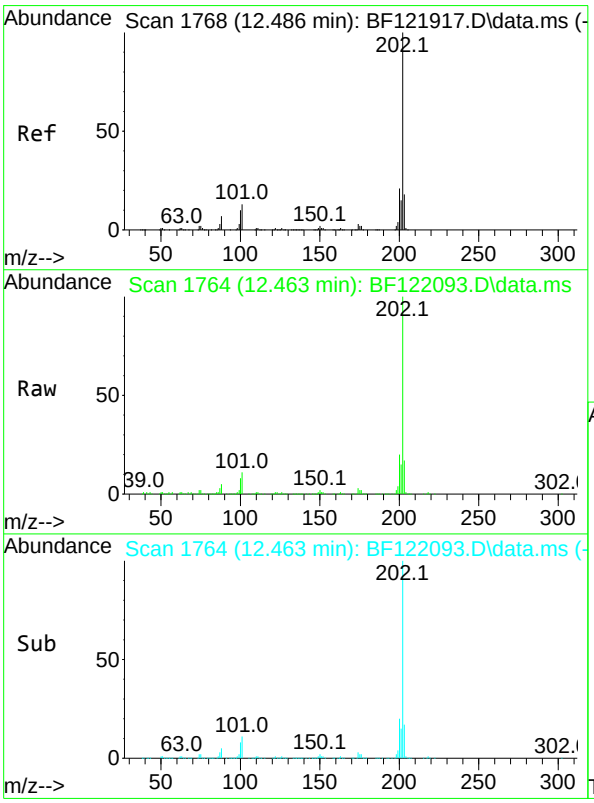


#72
Anthracene
Concen: 3.01 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:178 Resp: 50860

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	15.6	12.7	19.1

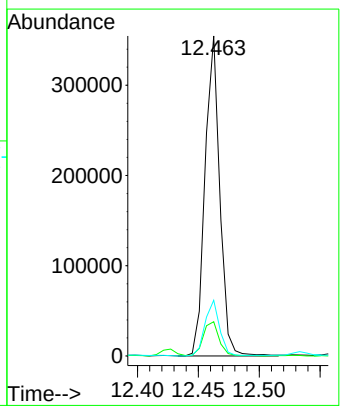




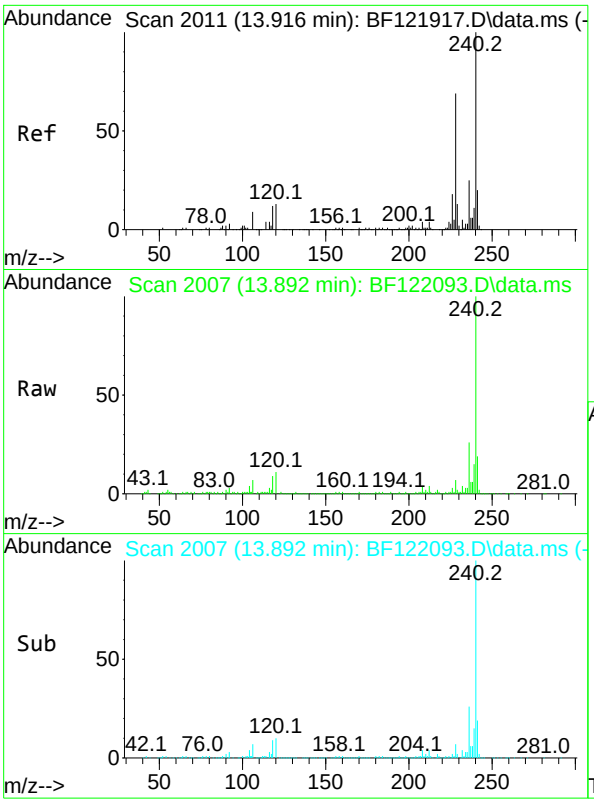
#75
Fluoranthene
Concen: 17.06 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:202 Resp: 298184

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.4
203	17.4	0.0	37.9



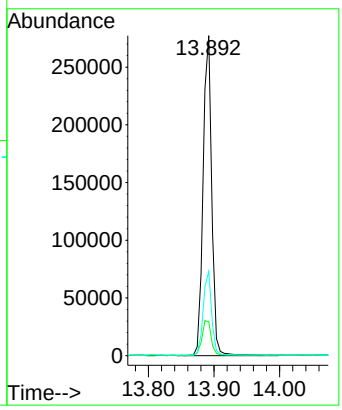
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

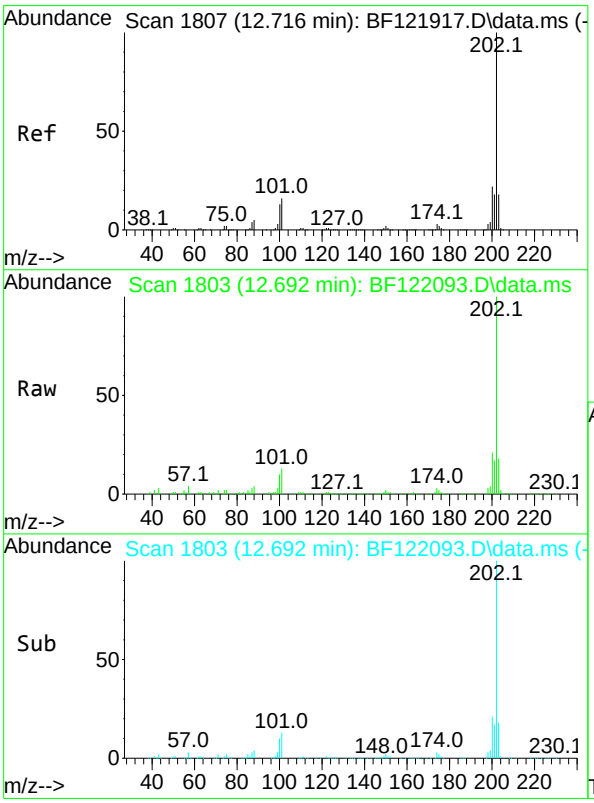


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:240 Resp: 255929

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.2	13.8
236	26.3	20.9	31.3

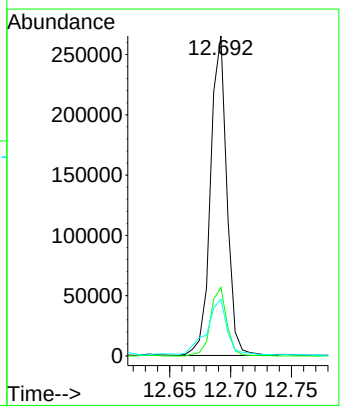




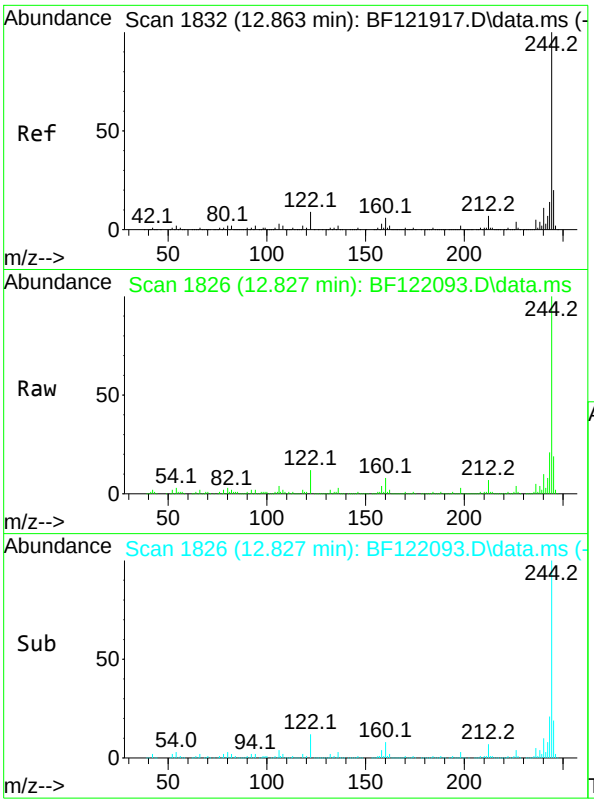
#78
Pyrene
Concen: 12.65 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:202 Resp: 246772

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.6	21.8



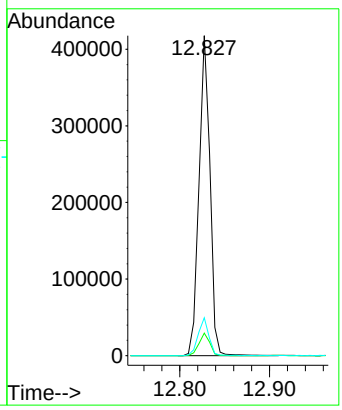
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

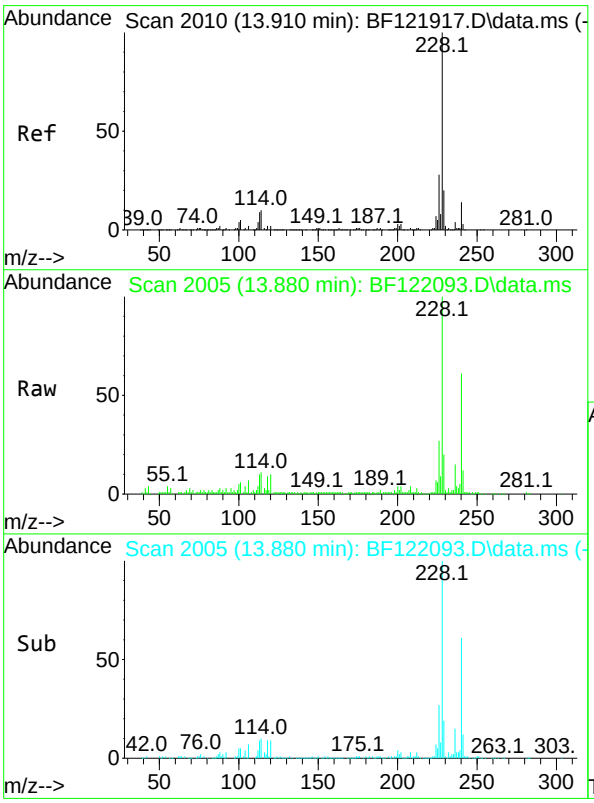


#79
Terphenyl-d14
Concen: 26.39 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:244 Resp: 354372

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.9	8.1	12.1

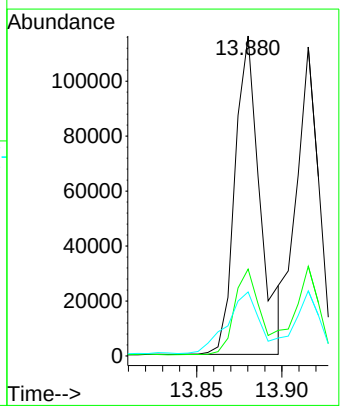




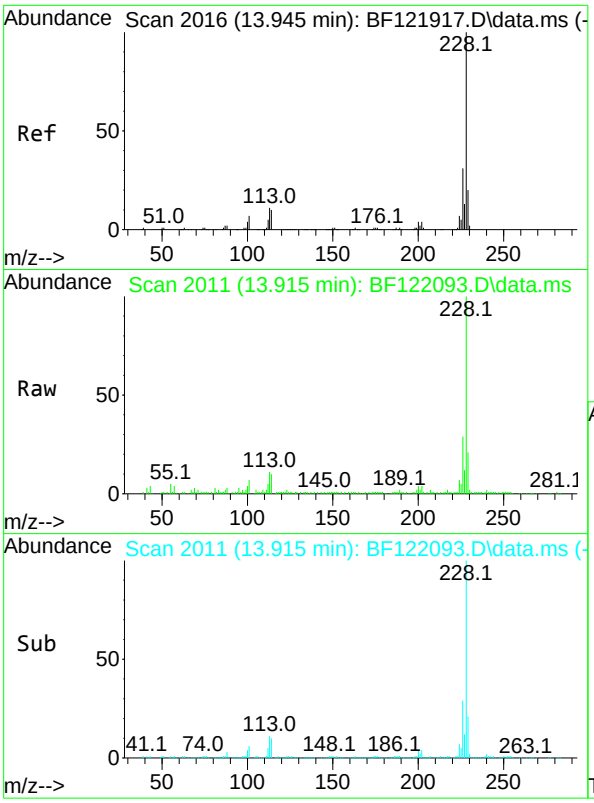
#81
Benzo(a)anthracene
Concen: 7.08 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:228 Resp: 118692

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	20.0	16.2	24.4



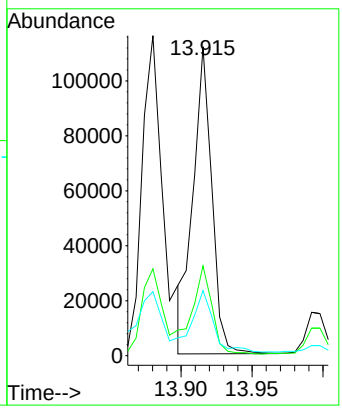
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

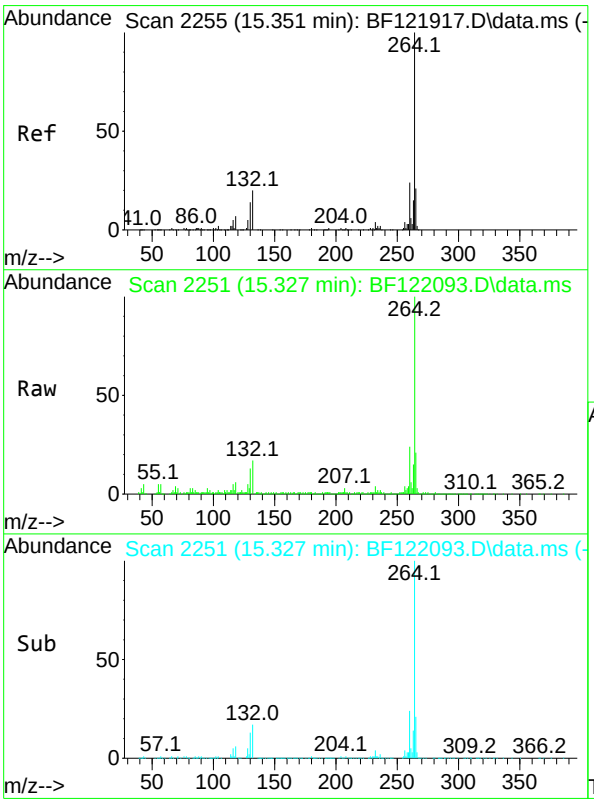


#83
Chrysene
Concen: 6.26 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:228 Resp: 103065

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	21.1	15.9	23.9

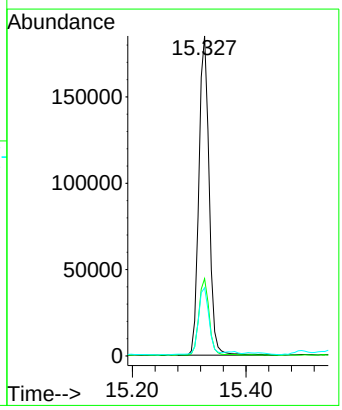




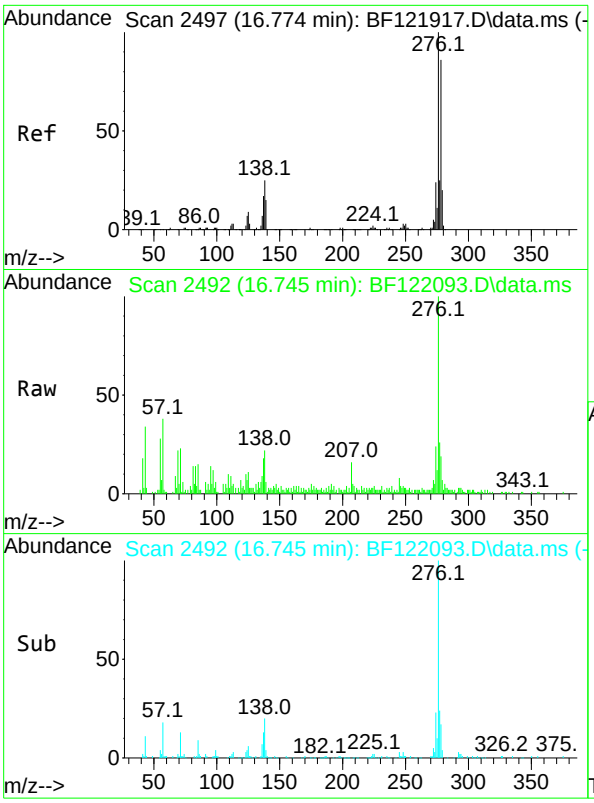
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:264 Resp: 232252

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.3	17.3	25.9



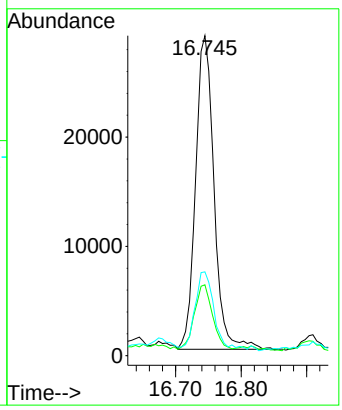
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

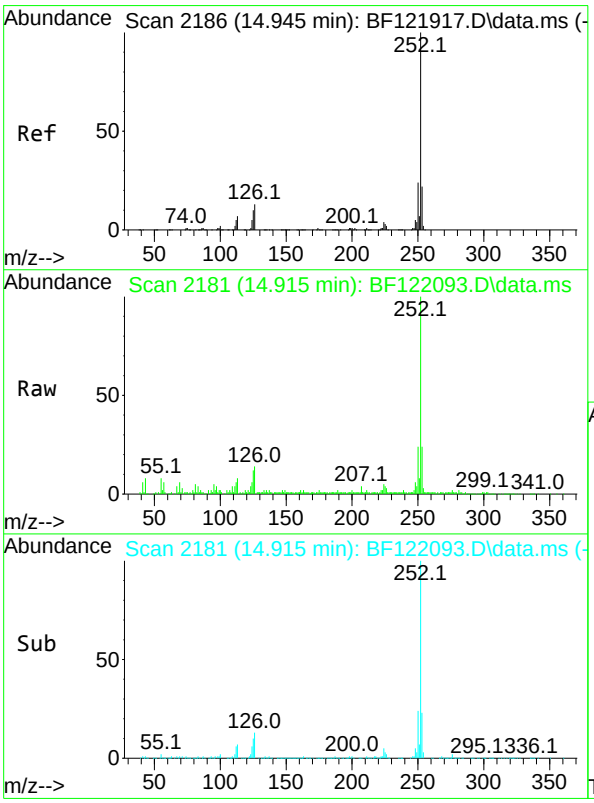


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.018 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:276 Resp: 56209

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.9	29.9
277	24.9	20.4	30.6

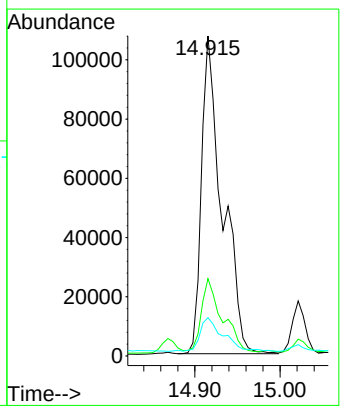




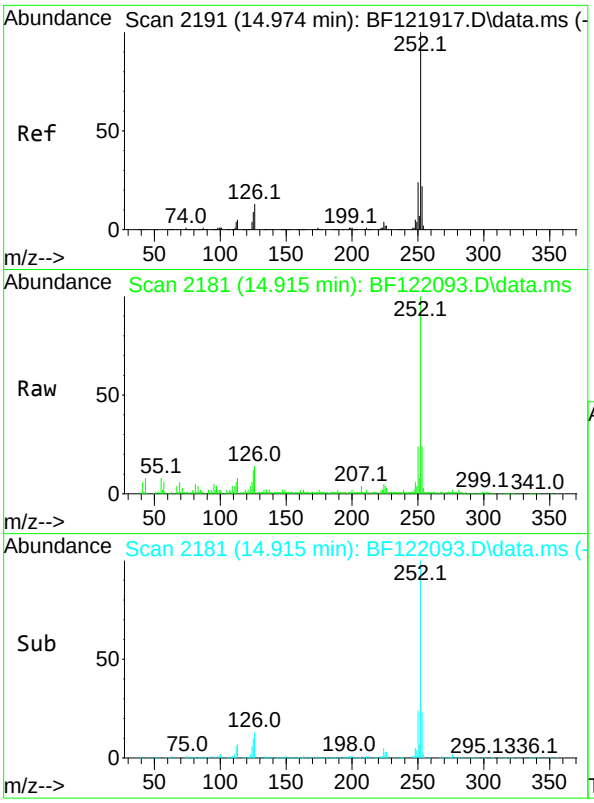
#88
Benzo(b)fluoranthene
Concen: 11.57 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:252 Resp: 181691

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	12.0	8.0	12.0



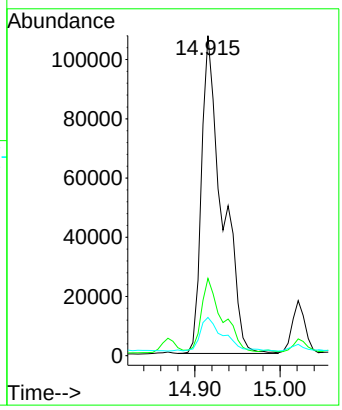
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

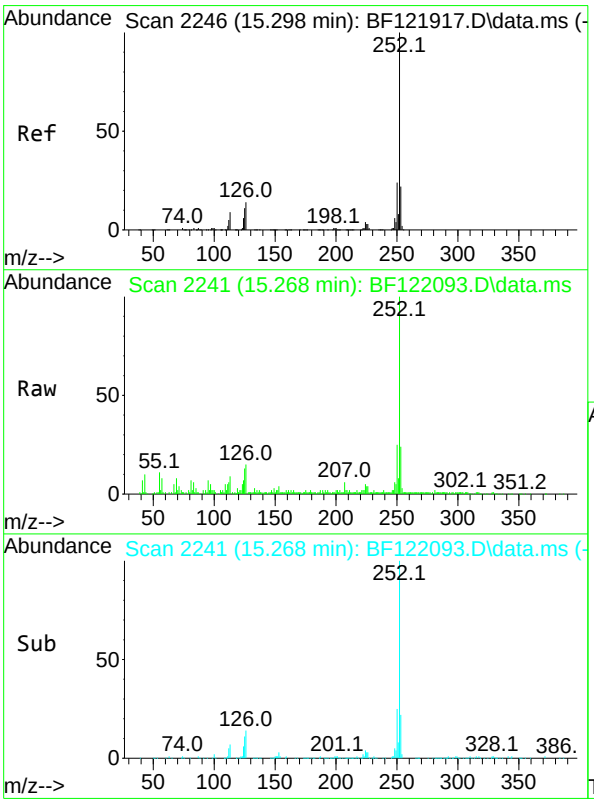


#89
Benzo(k)fluoranthene
Concen: 12.18 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:252 Resp: 181691

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	12.0	7.7	11.5#

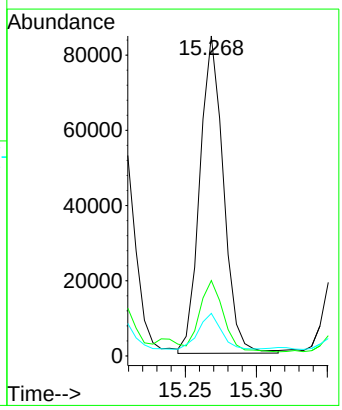


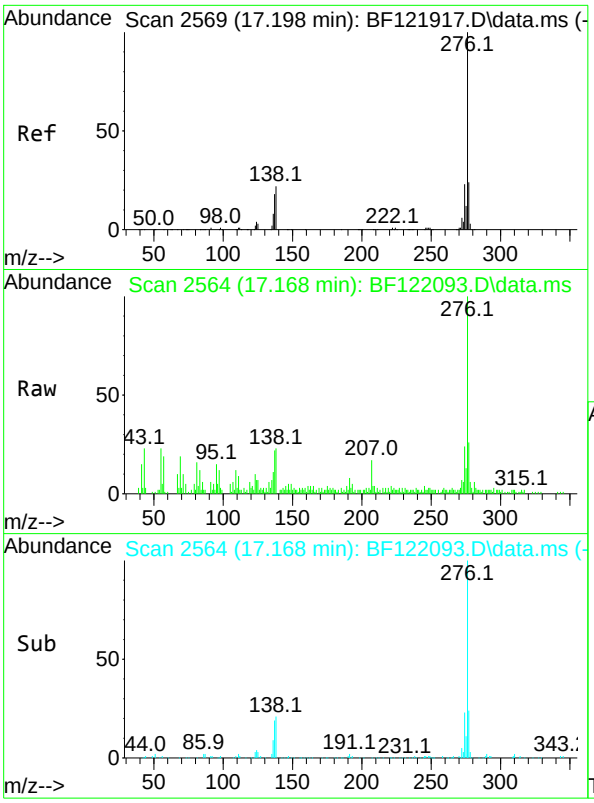


#90
Benzo(a)pyrene
Concen: 7.19 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:252 Resp: 97506

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	13.3	8.6	13.0#

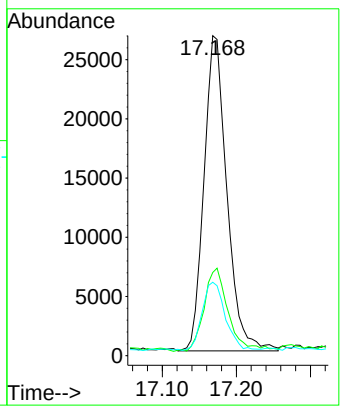




#92
Benzo(g,h,i)perylene
Concen: 4.60 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.029 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:276 Resp: 57204

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	22.9	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SU-02-102120