Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122691.D
Acq On : 12 Dec 2020 21:50
Operator : JU/CG
Sample : L5066-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-0203-0-15

Quant Time: Dec 13 23:47:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.833	152	137128	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	532577	20.00	ng		-0.01
39) Acenaphthene-d10	9.874	164	279751	20.00	ng		0.00
64) Phenanthrene-d10	11.357	188	511105	20.00	ng		-0.01
76) Chrysene-d12	13.998	240	392512	20.00	ng		-0.01
86) Perylene-d12	15.462	264	379751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	723038	83.48	ng		0.00
7) Phenol-d6	6.463	99	908014	79.04	ng		-0.02
23) Nitrobenzene-d5	7.398	82	560311	52.71	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	272684	74.47	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	1025899	49.60	ng		-0.01
79) Terphenyl-d14	12.945	244	1000914	44.64	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.475	94	54543	4.58	ng		88
19) n-Nitroso-di-n-propyla...	7.398	70	74076	11.26	ng	#	75
25) Isophorone	7.398	82	560305	30.60	ng	#	65
50) Dimethylphthalate	9.586	163	84610	3.79	ng		99
51) 2,6-Dinitrotoluene	9.874	165	36459	7.73	ng	#	31
57) 2,4-Dinitrotoluene	9.874	165	36459	5.80	ng	#	25
67) 4-Bromophenyl-phenylether	10.663	248	16546	2.39	ng	#	1
71) Phenanthrene	11.380	178	167856	5.53	ng		97
75) Fluoranthene	12.568	202	254829	8.00	ng		100
78) Pyrene	12.798	202	210563	6.94	ng		98
81) Benzo(a)anthracene	13.986	228	112175	4.28	ng		99
83) Chrysene	14.021	228	93324	3.57	ng		97
87) Indeno(1,2,3-cd)pyrene	16.909	276	59345	2.38	ng		95
88) Benzo(b)fluoranthene	15.033	252	160618	6.03	ng		97
89) Benzo(k)fluoranthene	15.033	252	160618	6.59	ng		99
90) Benzo(a)pyrene	15.398	252	86034	3.69	ng		98
92) Benzo(g,h,i)perylene	17.345	276	62234	3.15	ng		99

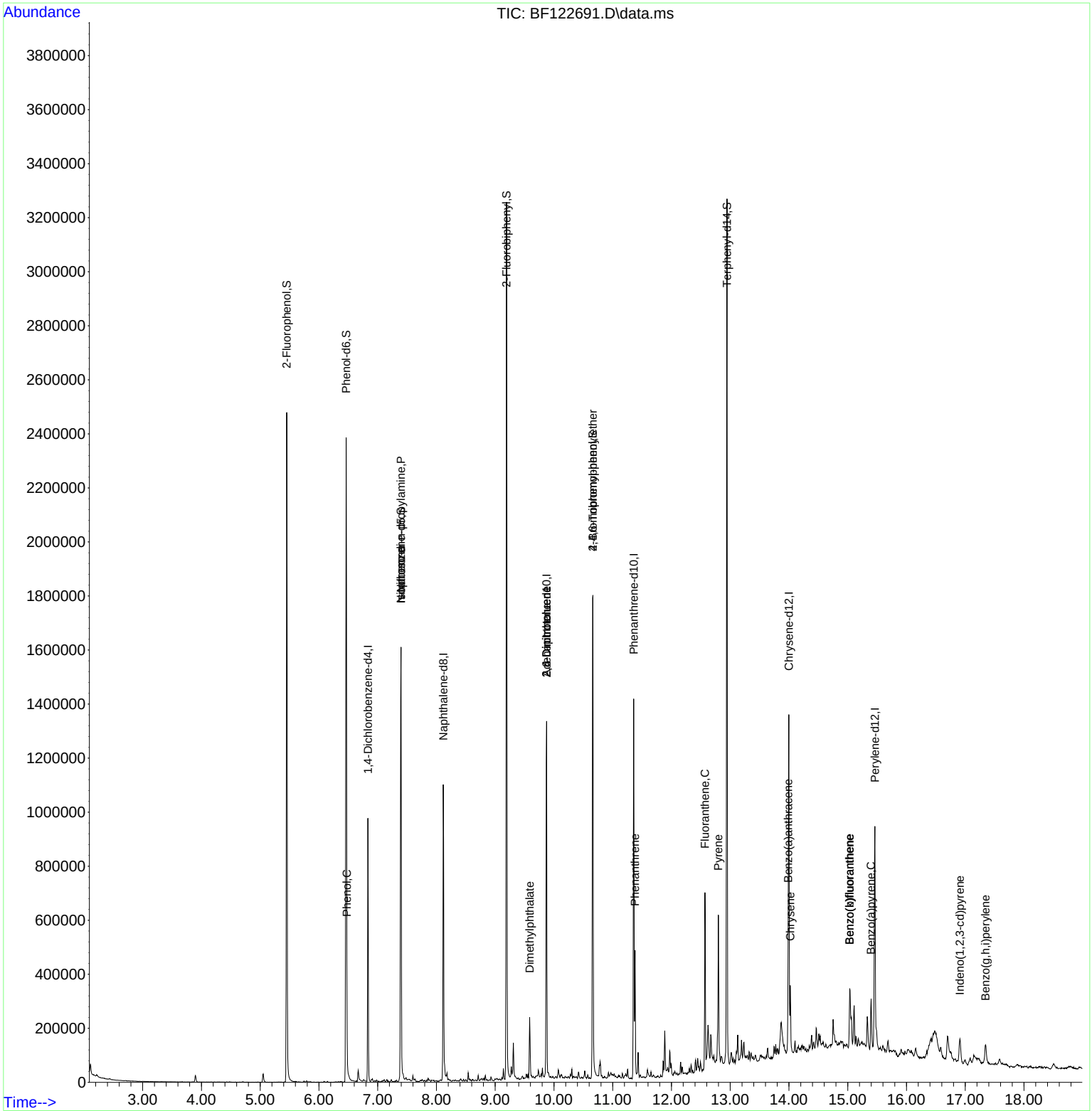
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

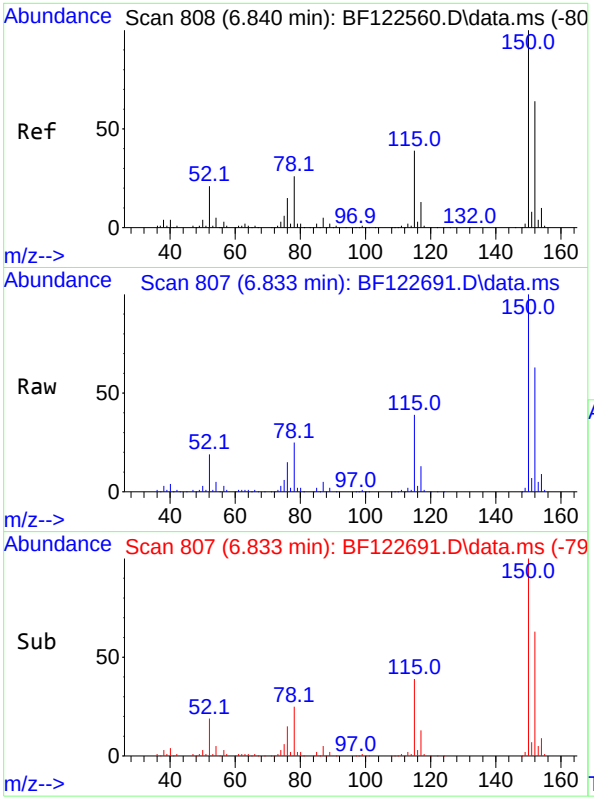
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122691.D
Acq On : 12 Dec 2020 21:50
Operator : JU/CG
Sample : L5066-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

Quant Time: Dec 13 23:47:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration



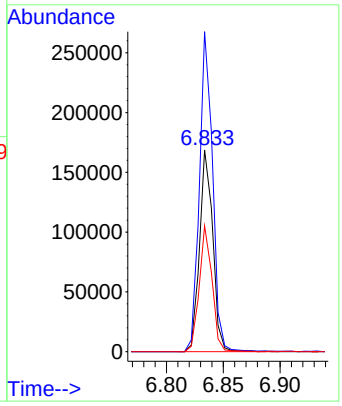
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

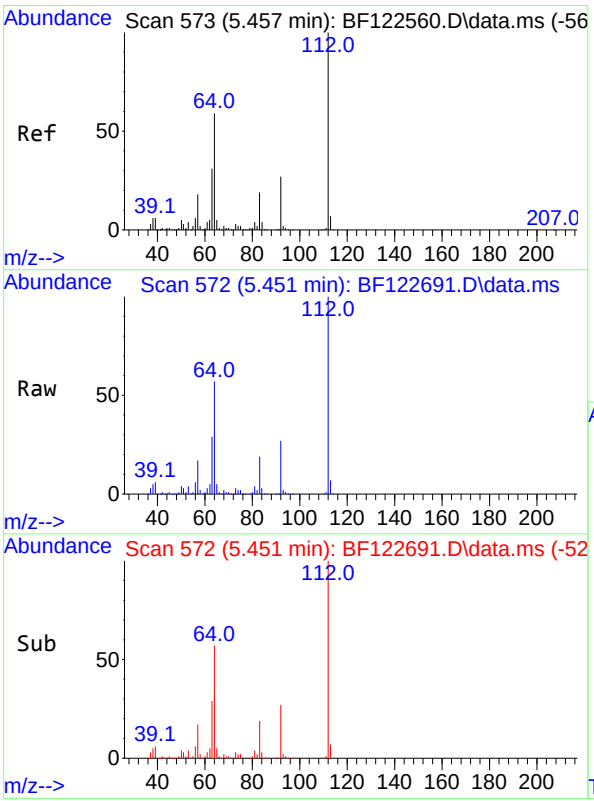


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:152 Resp: 137128

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	62.4	49.3	73.9

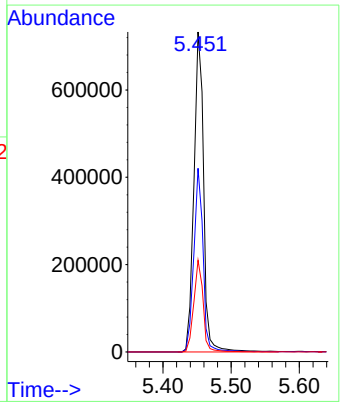




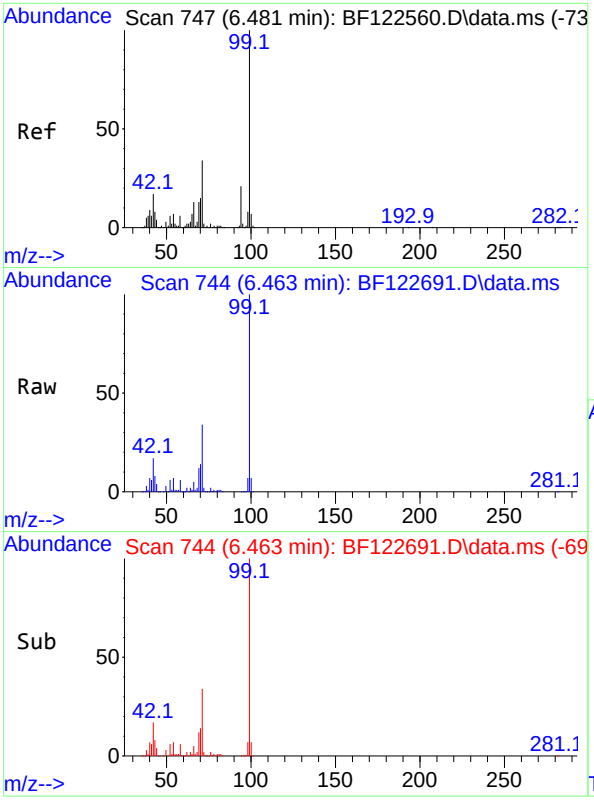
#5
2-Fluorophenol
Concen: 83.48 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:112 Resp: 723038

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.9	70.3
63	28.7	24.5	36.7



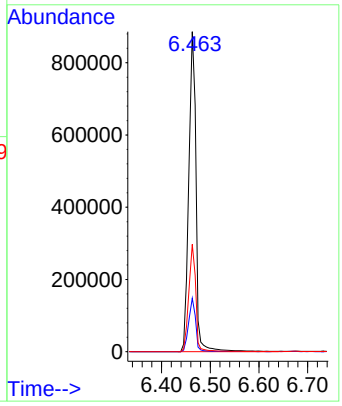
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

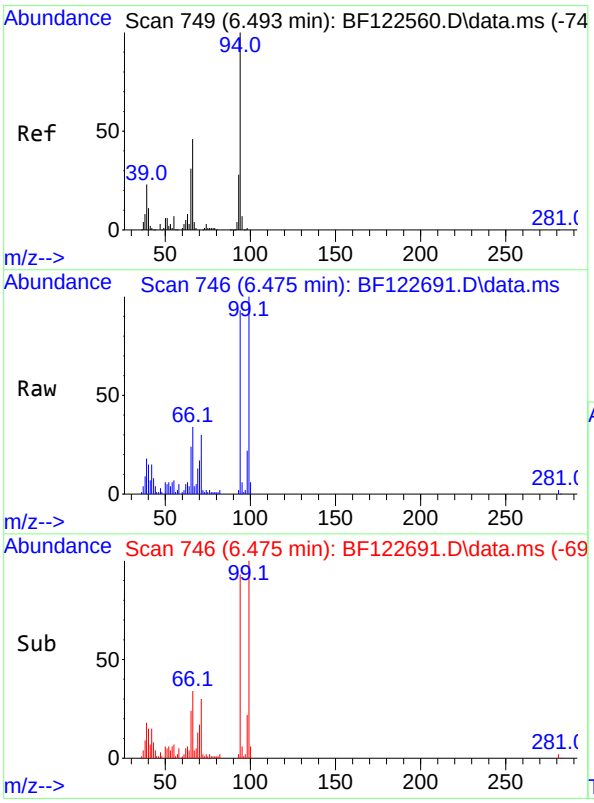


#7
Phenol-d6
Concen: 79.04 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion: 99 Resp: 908014

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	33.5	26.9	40.3

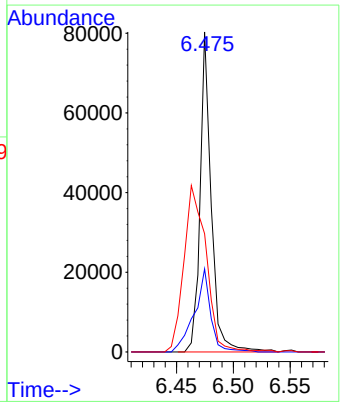




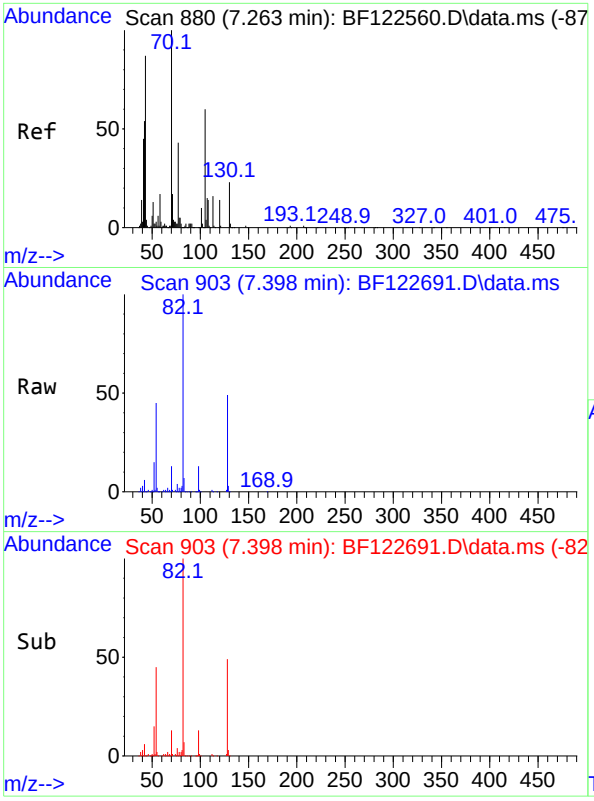
#10
Phenol
Concen: 4.58 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion: 94 Resp: 54543

Ion	Ratio	Lower	Upper
94	100		
65	26.0	11.2	51.2
66	36.9	25.8	65.8



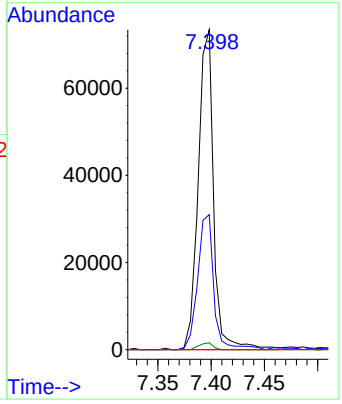
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

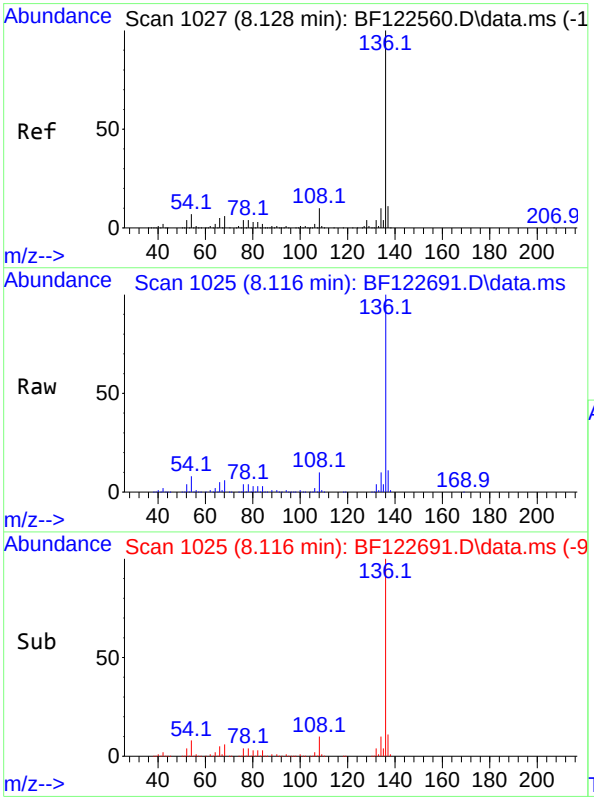


#19
n-Nitroso-di-n-propylamine
Concen: 11.26 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion: 70 Resp: 74076

Ion	Ratio	Lower	Upper
70	100		
42	42.2	43.0	64.4#
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#

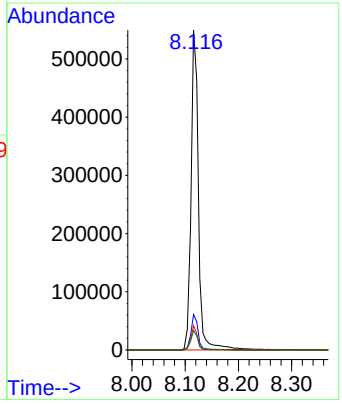




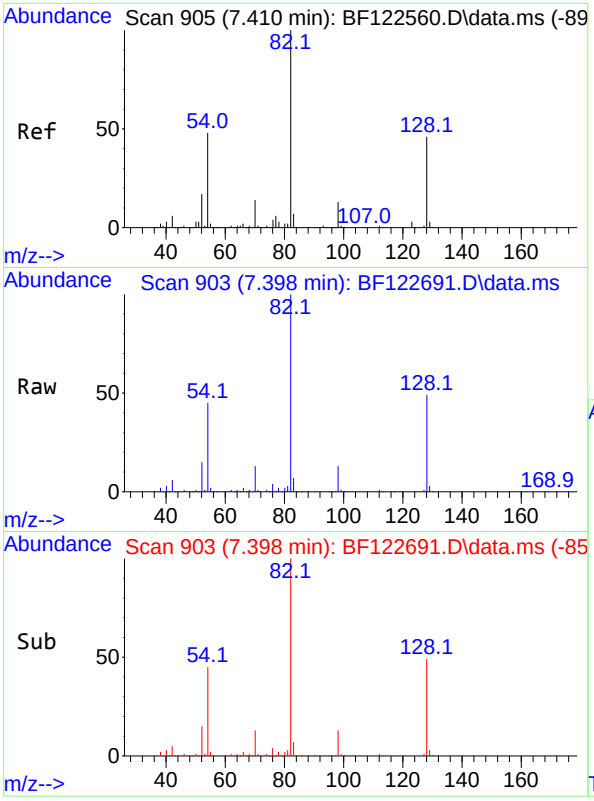
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:136 Resp: 532577

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.5	8.3
68	6.0	4.6	6.8



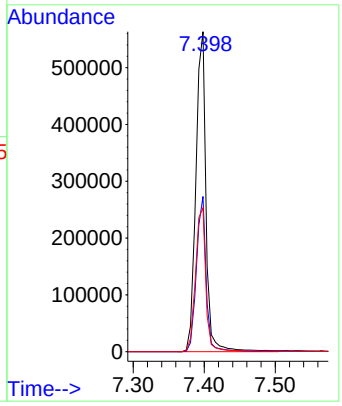
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

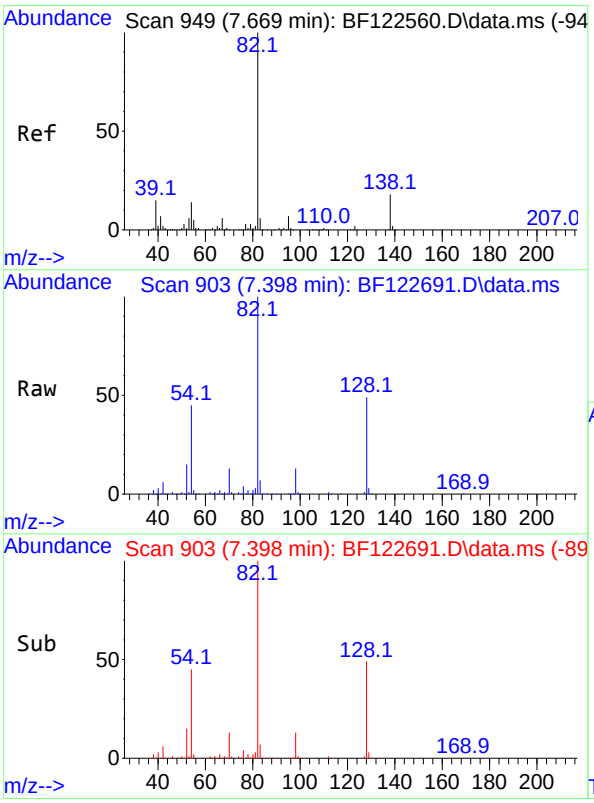


#23
Nitrobenzene-d5
Concen: 52.71 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion: 82 Resp: 560311

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.0	55.4
54	45.0	38.4	57.6

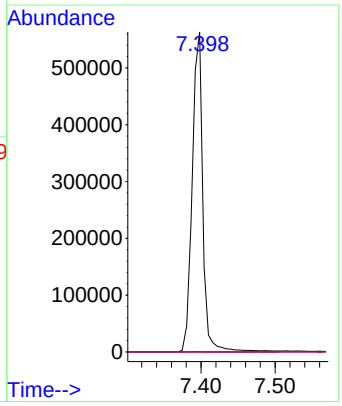




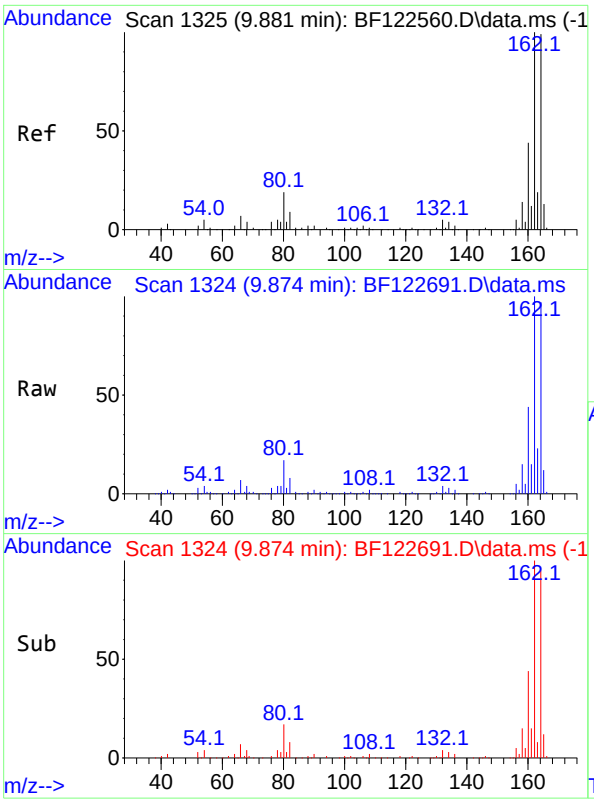
#25
Isophorone
Concen: 30.60 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion: 82 Resp: 560305

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#



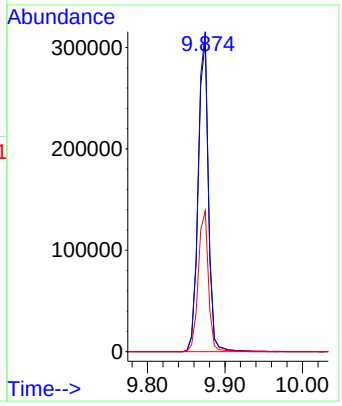
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

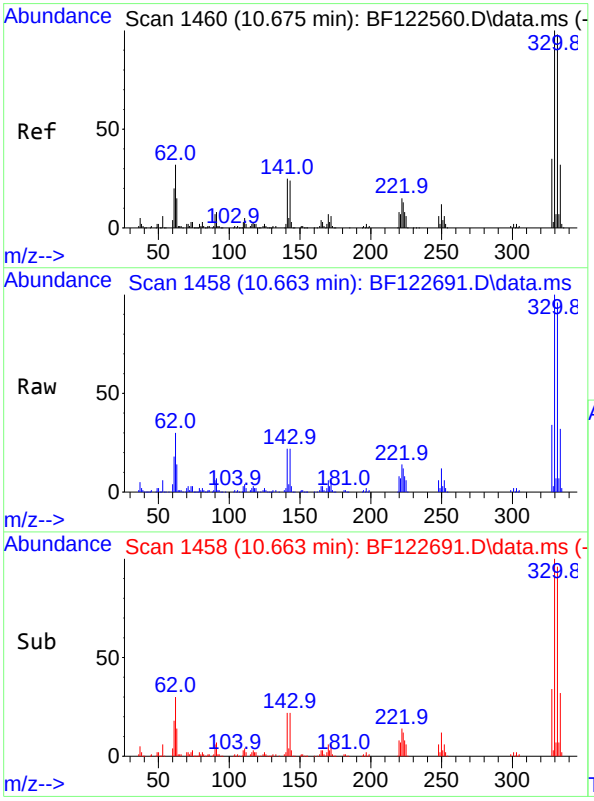


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:164 Resp: 279751

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.8	121.2
160	45.4	35.4	53.0

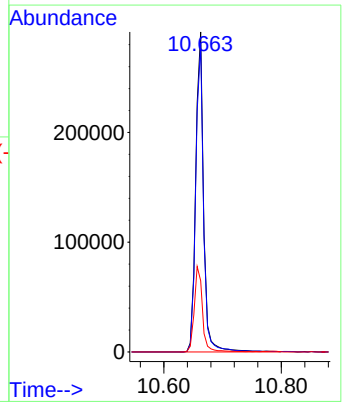


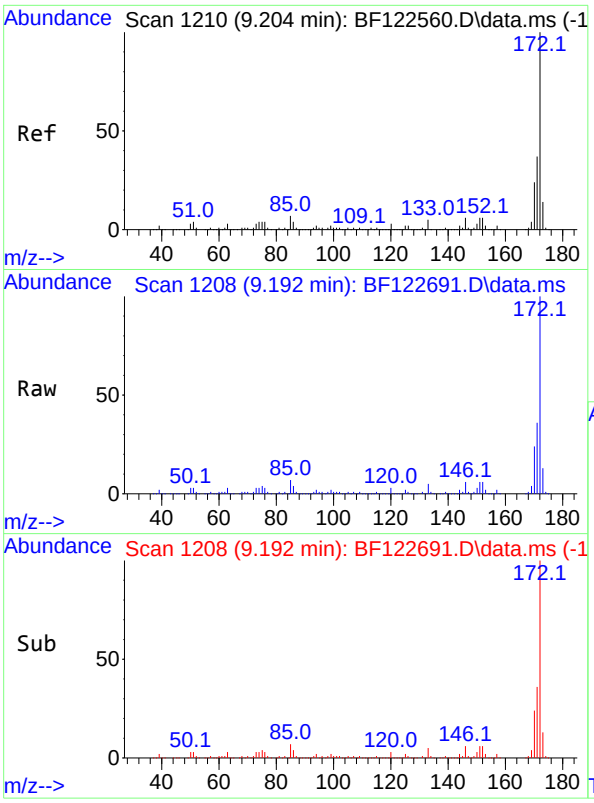


#42
2,4,6-Tribromophenol
Concen: 74.47 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:330 Resp: 272684

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.5	116.3
141	28.0	23.8	35.8

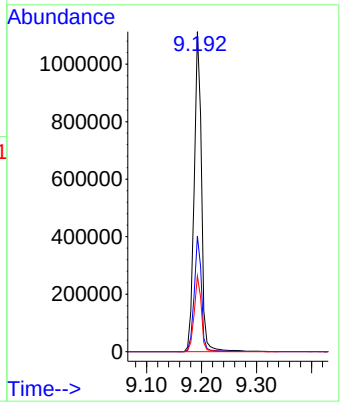




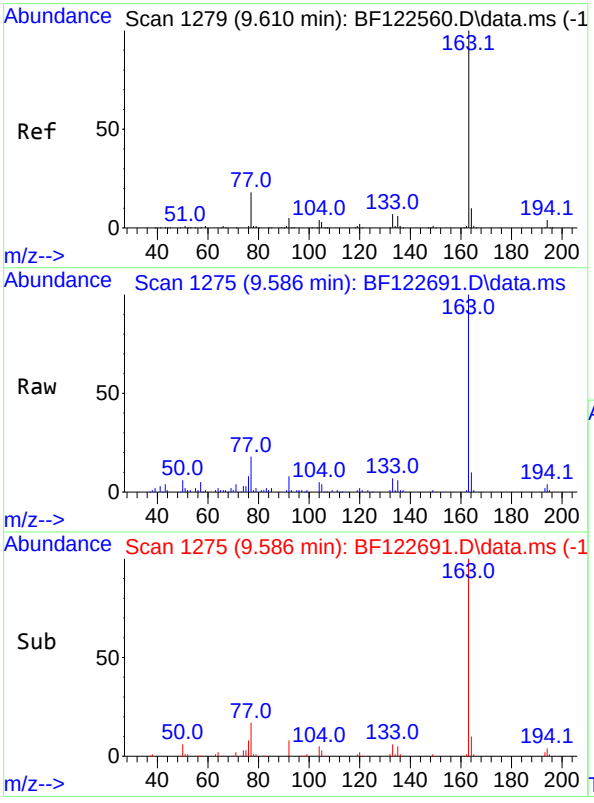
#45
2-Fluorobiphenyl
Concen: 49.60 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:172 Resp: 1025899

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.5	29.3



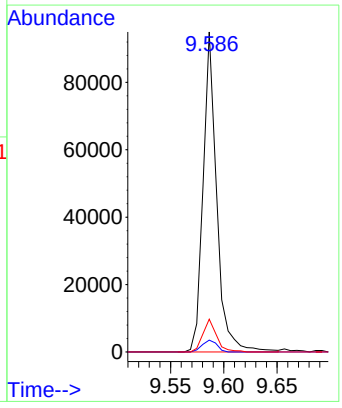
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

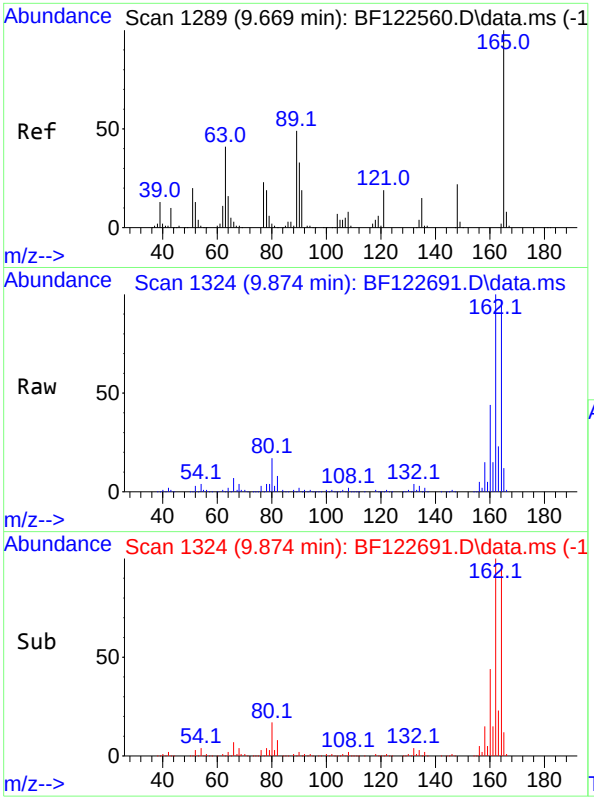


#50
Dimethylphthalate
Concen: 3.79 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:163 Resp: 84610

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.3	8.1	12.1

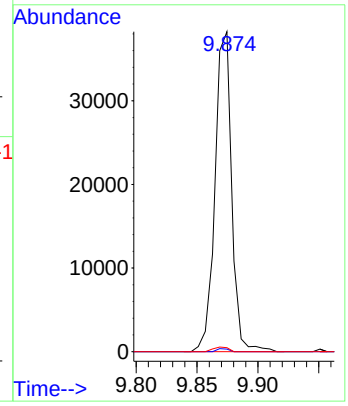




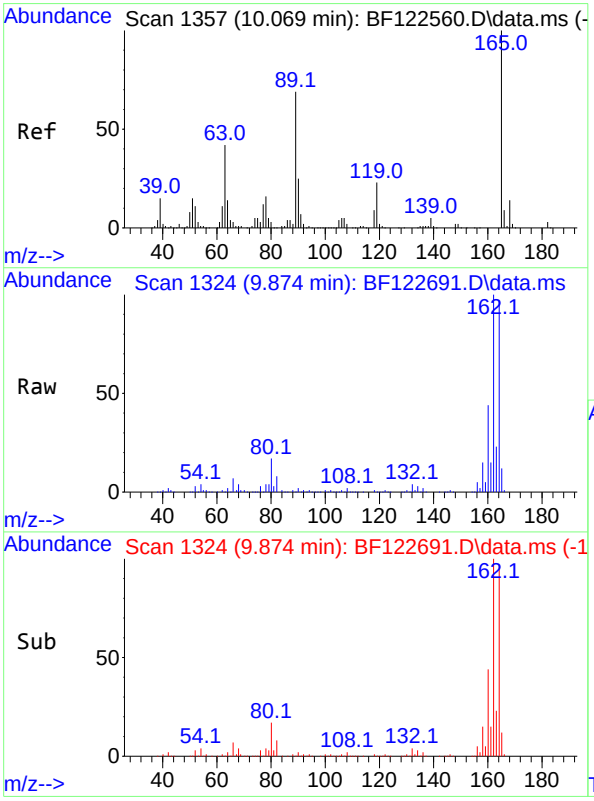
#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:165 Resp: 36459

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.6	55.0#
89	1.3	39.4	59.0#



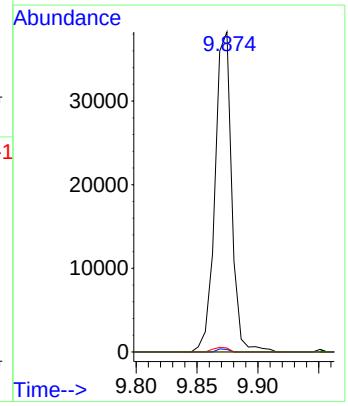
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

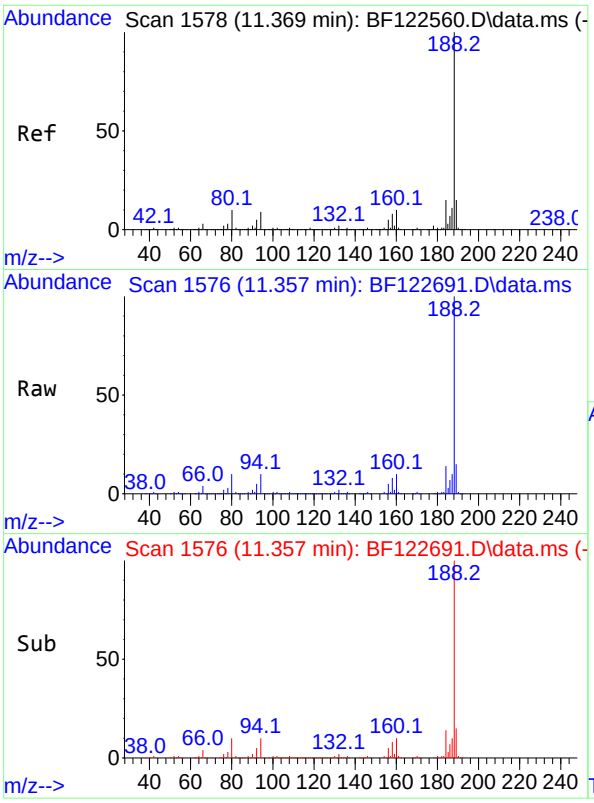


#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:165 Resp: 36459

Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.3	51.5#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#

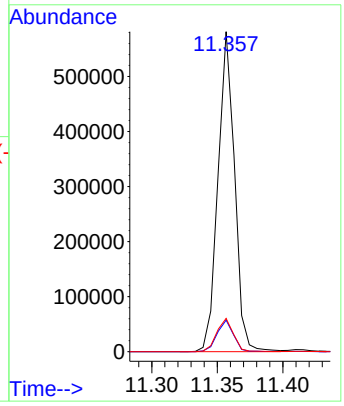




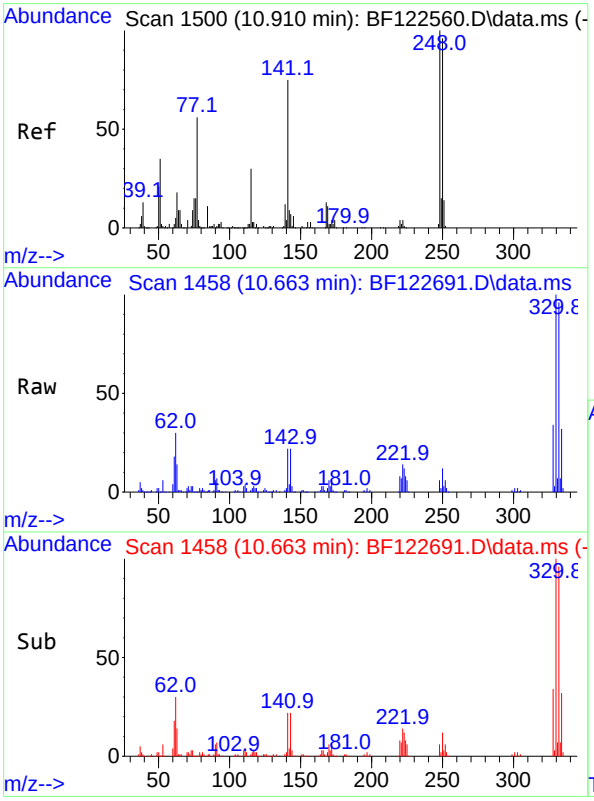
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:188 Resp: 511105

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.4	8.2	12.4



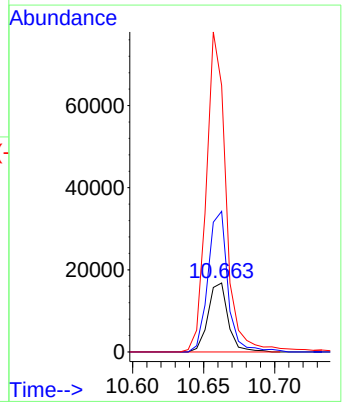
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



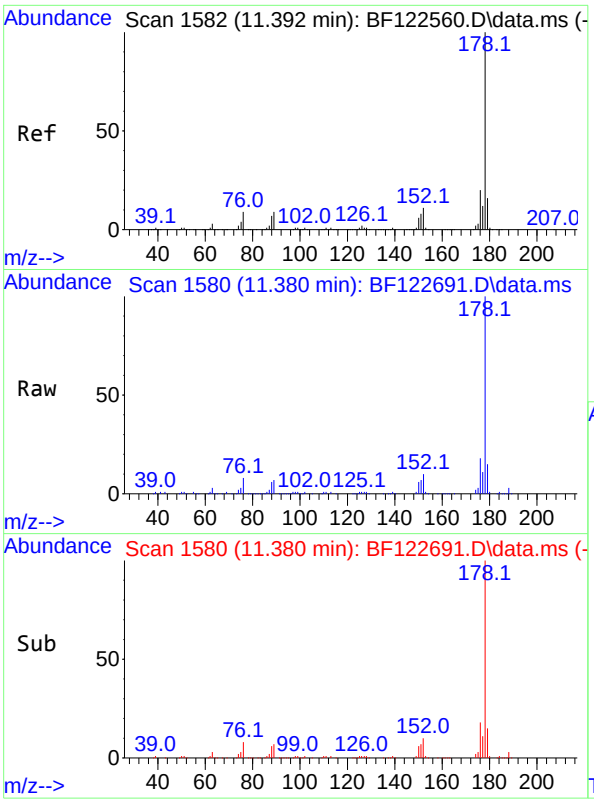
#67
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:248 Resp: 16546

Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.8	115.2#
141	386.7	59.8	89.8#



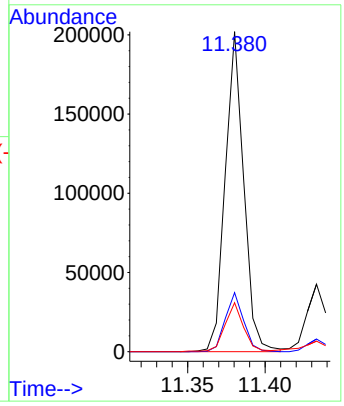
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

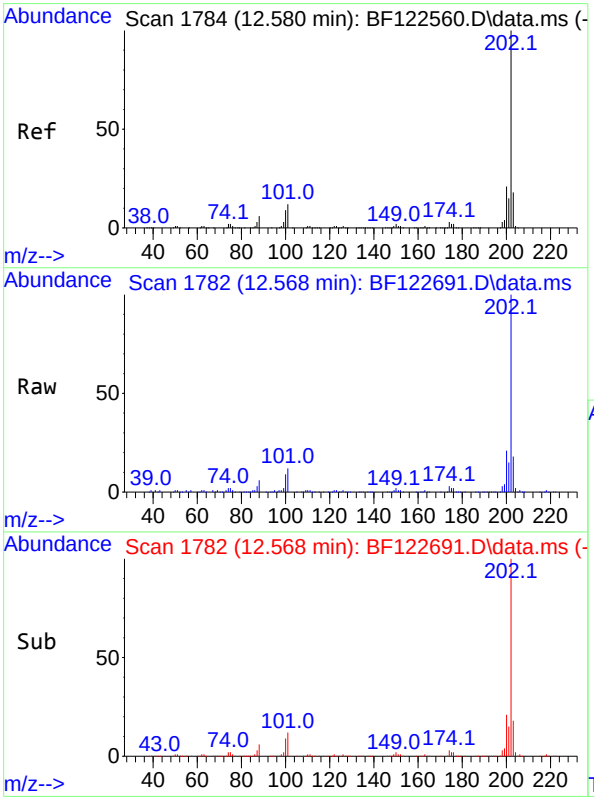


#71
Phenanthrene
Concen: 5.53 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:178 Resp: 167856

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.2
179	15.3	12.7	19.1

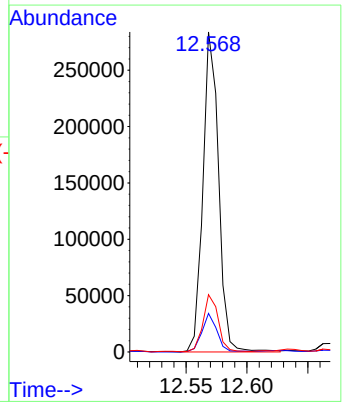




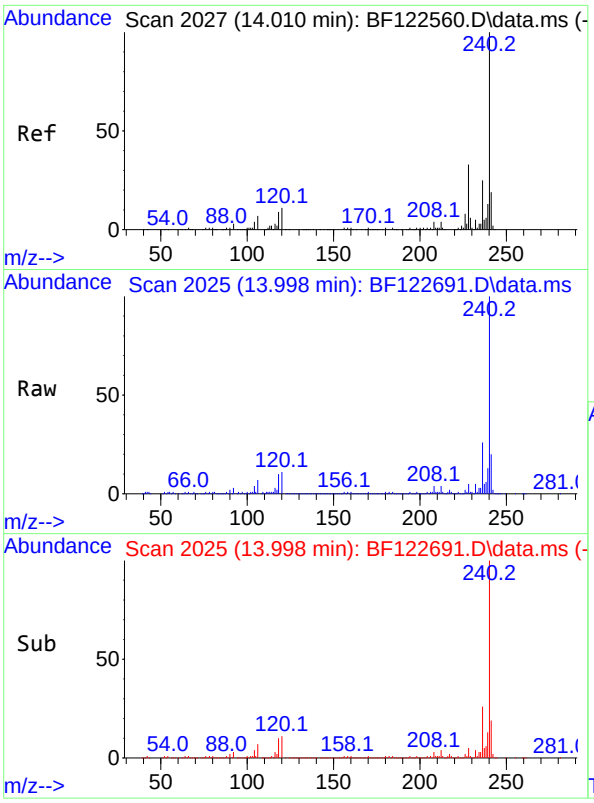
#75
Fluoranthene
Concen: 8.00 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:202 Resp: 254829

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.2
203	17.9	0.0	38.1



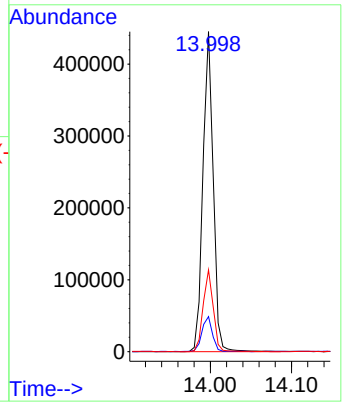
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

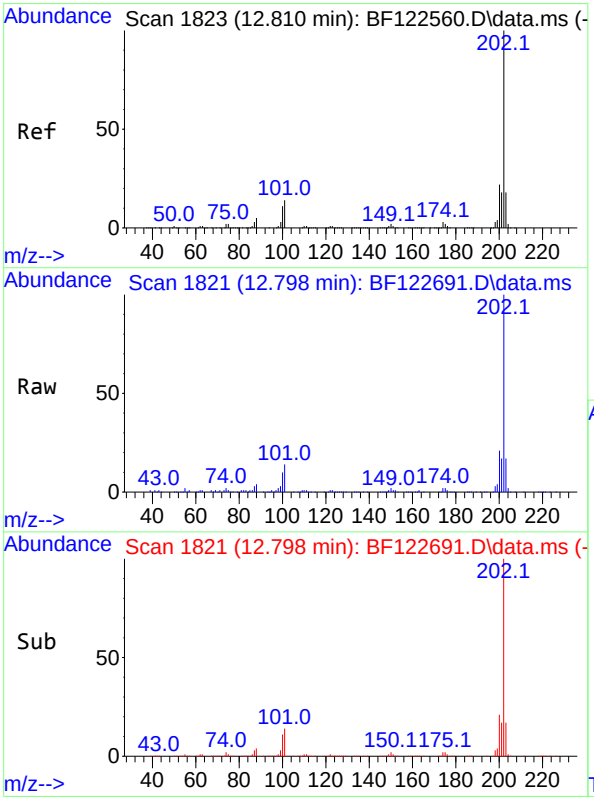


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:240 Resp: 392512

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	25.5	20.3	30.5

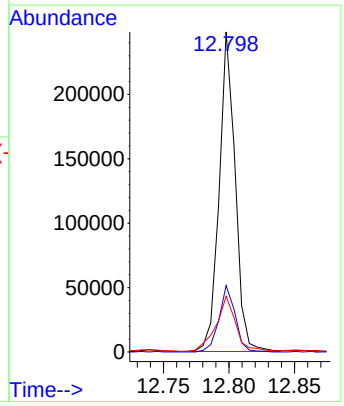


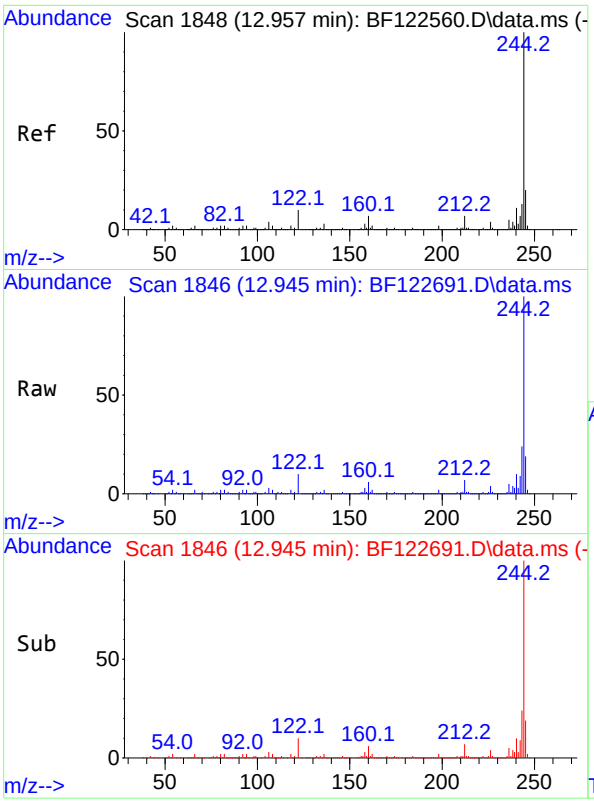


#78
Pyrene
Concen: 6.94 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:202 Resp: 210563

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.4	14.6	21.8

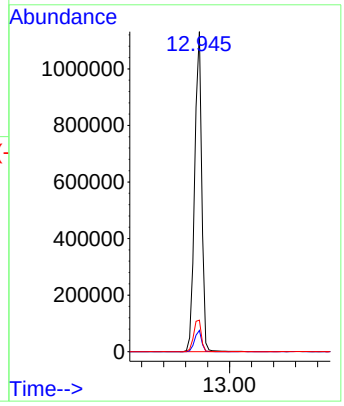




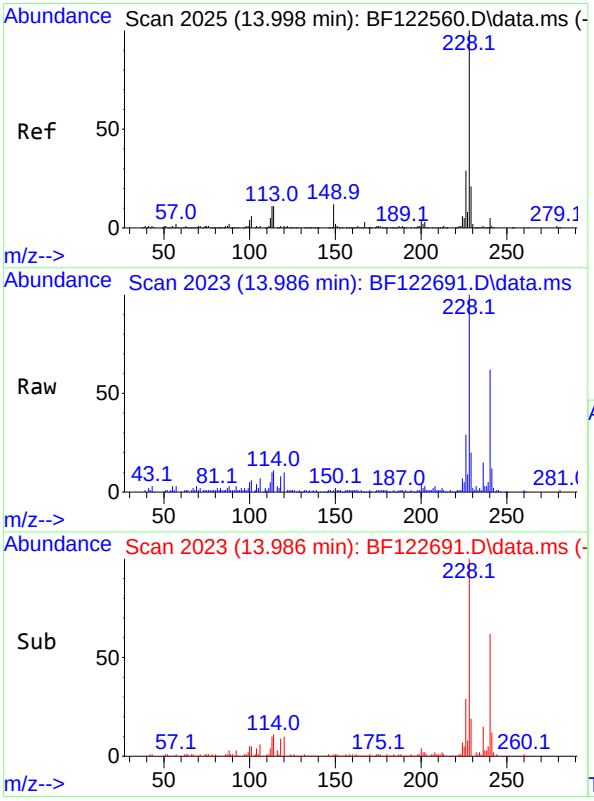
#79
Terphenyl-d14
Concen: 44.64 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:244 Resp: 1000914

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.8	8.3	12.5



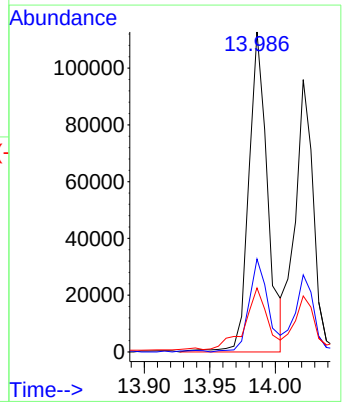
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



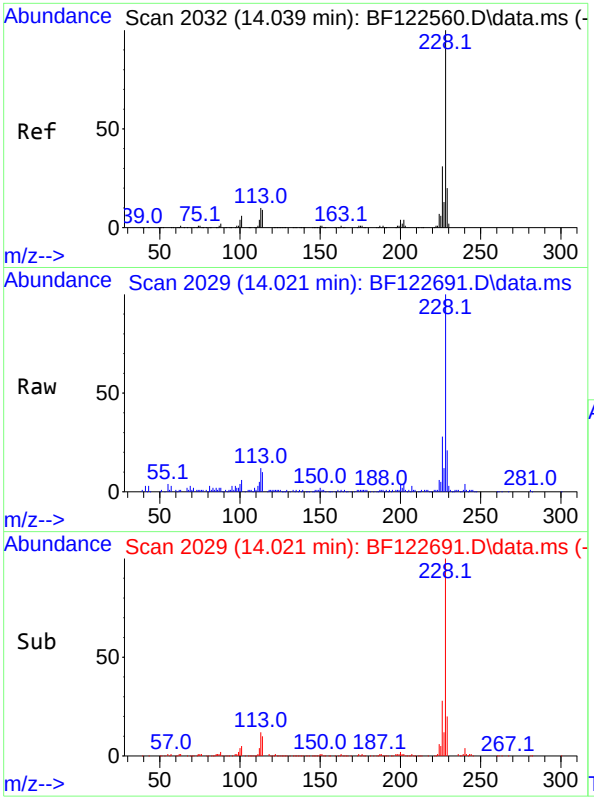
#81
Benzo(a)anthracene
Concen: 4.28 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:228 Resp: 112175

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.0	16.6	24.8



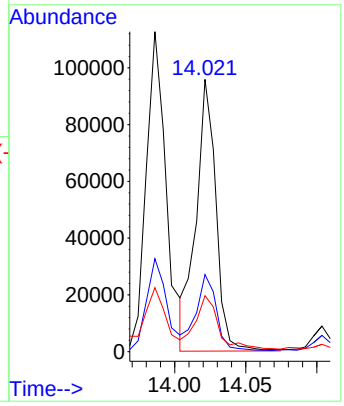
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

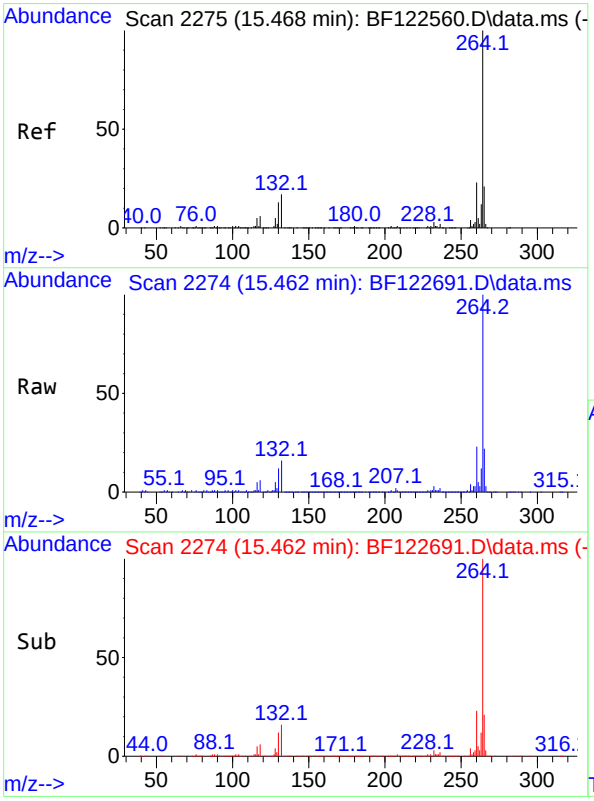


#83
Chrysene
Concen: 3.57 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:228 Resp: 93324

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.6	36.8
229	20.6	15.8	23.6

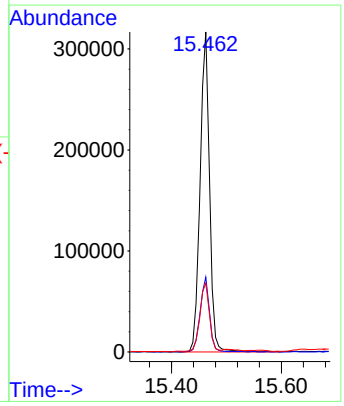




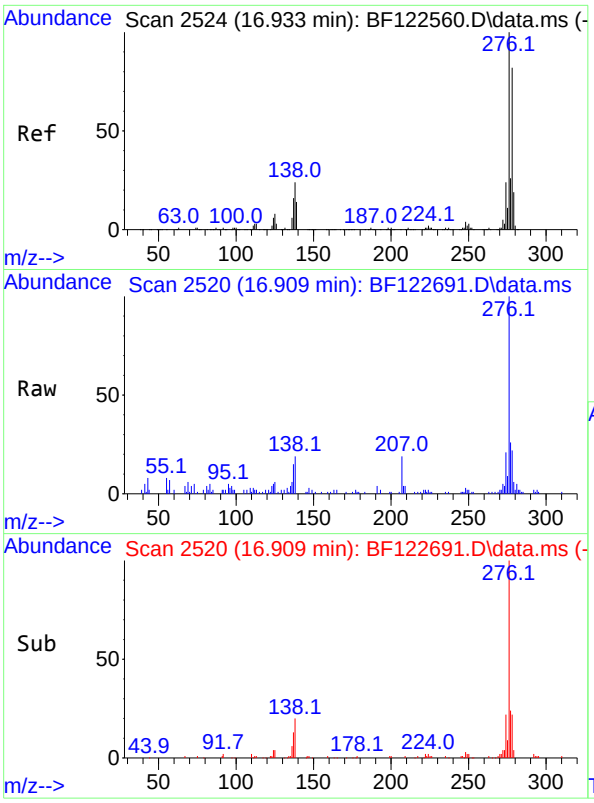
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:264 Resp: 379751

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	17.0	25.6



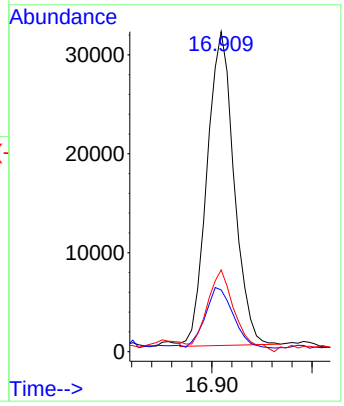
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

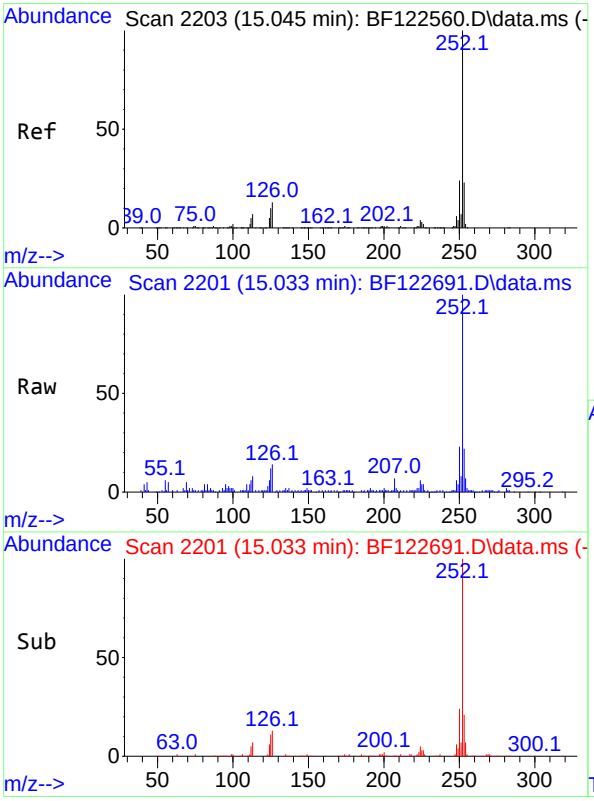


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:276 Resp: 59345

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	27.0	20.2	30.4

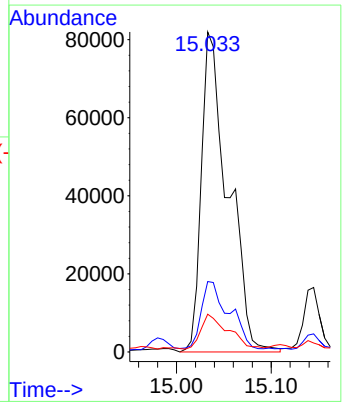




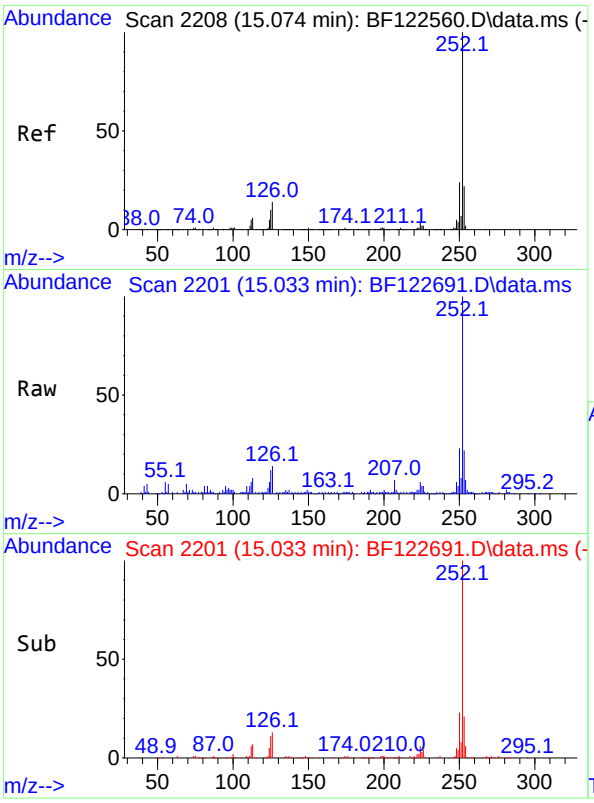
#88
Benzo(b)fluoranthene
Concen: 6.03 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:252 Resp: 160618

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	11.8	8.1	12.1



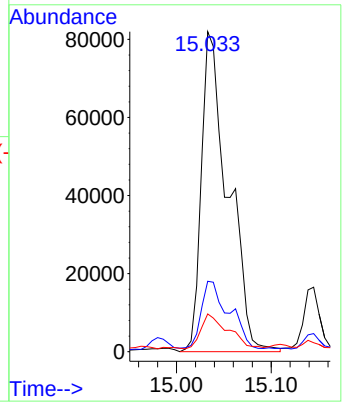
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

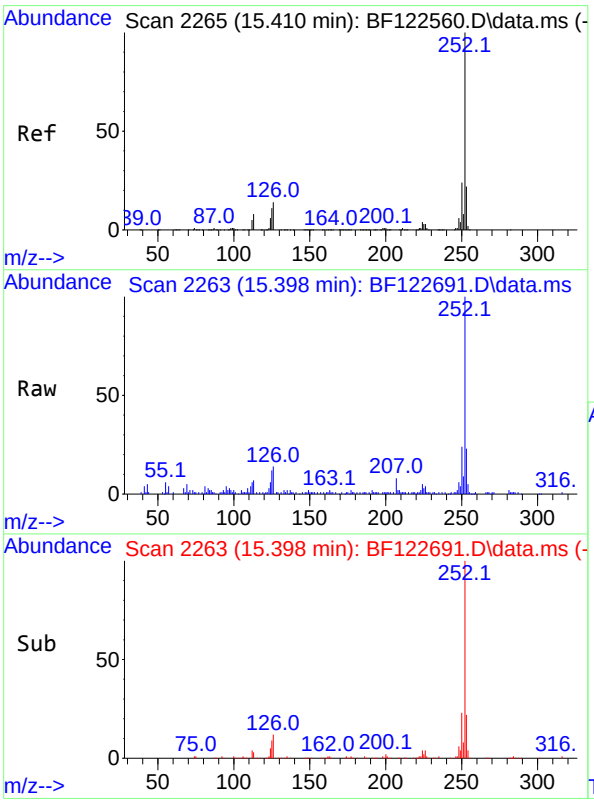


#89
Benzo(k)fluoranthene
Concen: 6.59 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.041 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:252 Resp: 160618

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.8	8.4	12.6

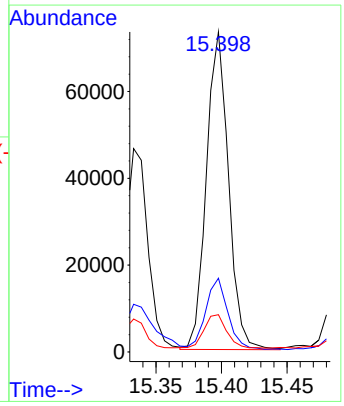


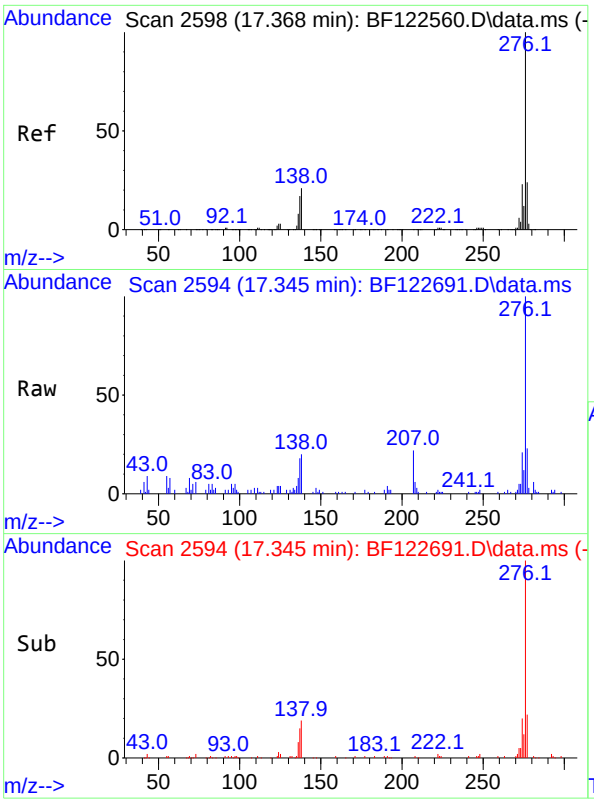


#90
Benzo(a)pyrene
Concen: 3.69 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:252 Resp: 86034

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.6	8.6	12.8

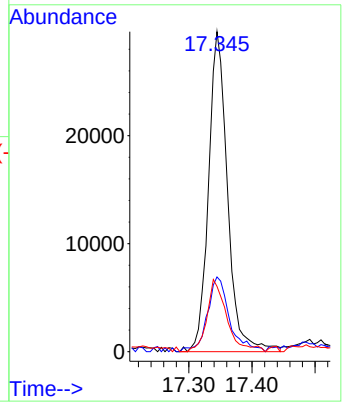




#92
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

Tgt Ion:276 Resp: 62234

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.4	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15