Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121991.D
Acq On : 15 Oct 2020 15:13
Operator : JU/CG
Sample : L4404-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHELL-L15-L14-NORTH

Quant Time: Oct 15 17:51:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	97297	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	381850	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	196003	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	359905	20.00	ng	0.00
76) Chrysene-d12	13.904	240	234019	20.00	ng	0.00
86) Perylene-d12	15.339	264	214973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	548576	83.21	ng	0.00
7) Phenol-d6	6.387	99	689384	81.24	ng	0.00
23) Nitrobenzene-d5	7.310	82	463212	62.21	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	131386	54.19	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	685527	51.46	ng	0.00
79) Terphenyl-d14	12.845	244	597113	48.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	975	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	61240	12.67	ng	# 80
25) Isophorone	7.310	82	463210	32.90	ng	# 67
50) Dimethylphthalate	9.498	163	65492	4.57	ng	100
51) 2,6-Dinitrotoluene	9.775	165	25838	8.22	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	25838	6.68	ng	# 20
58) Fluorene	10.328	166	28330	2.12	ng	96
71) Phenanthrene	11.286	178	177419	8.99	ng	98
75) Fluoranthene	12.474	202	144676	6.84	ng	99
78) Pyrene	12.704	202	199109	11.16	ng	98
81) Benzo(a)anthracene	13.892	228	68556	4.47	ng	98
83) Chrysene	13.927	228	63838	4.24	ng	97
87) Indeno(1,2,3-cd)pyrene	16.757	276	29443	2.11	ng	96
88) Benzo(b)fluoranthene	14.927	252	70187	4.83	ng	98
89) Benzo(k)fluoranthene	14.927	252	70187	5.08	ng	97
90) Benzo(a)pyrene	15.280	252	51823	4.13	ng	97
92) Benzo(g,h,i)perylene	17.186	276	35512	3.09	ng	98

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

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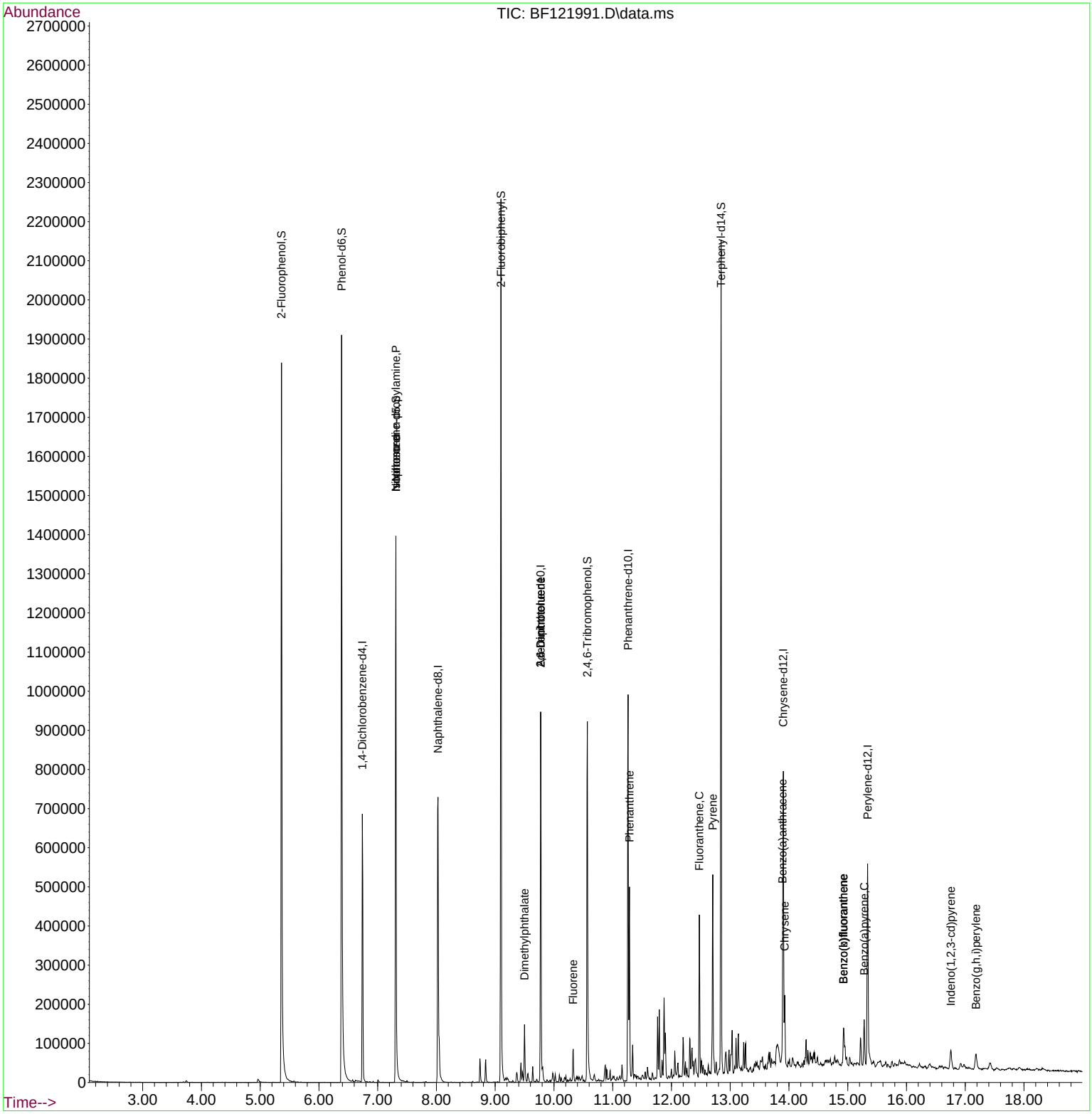
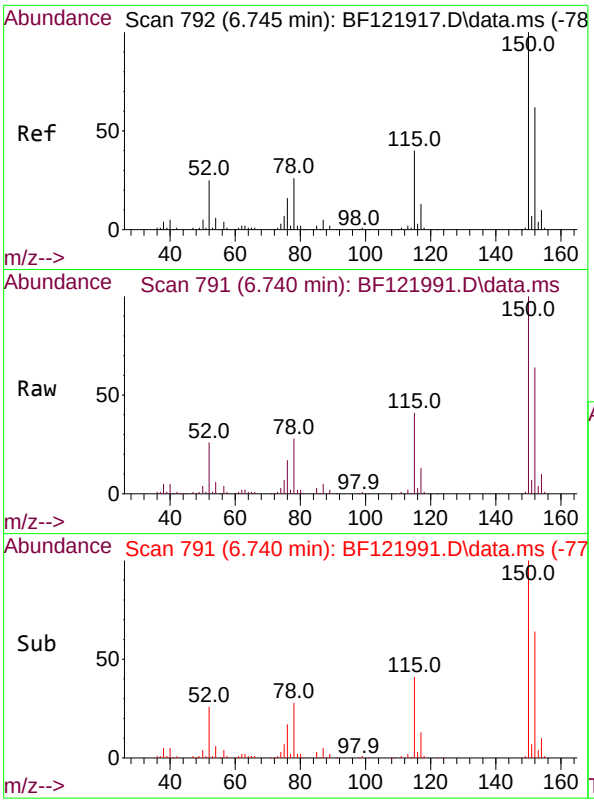
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

Quant Time: Oct 15 17:51:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

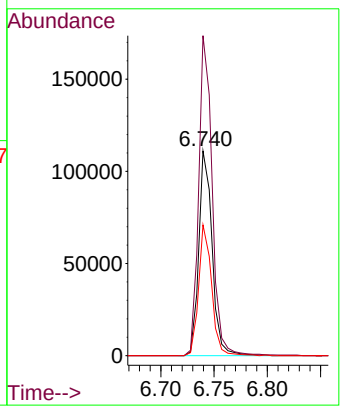


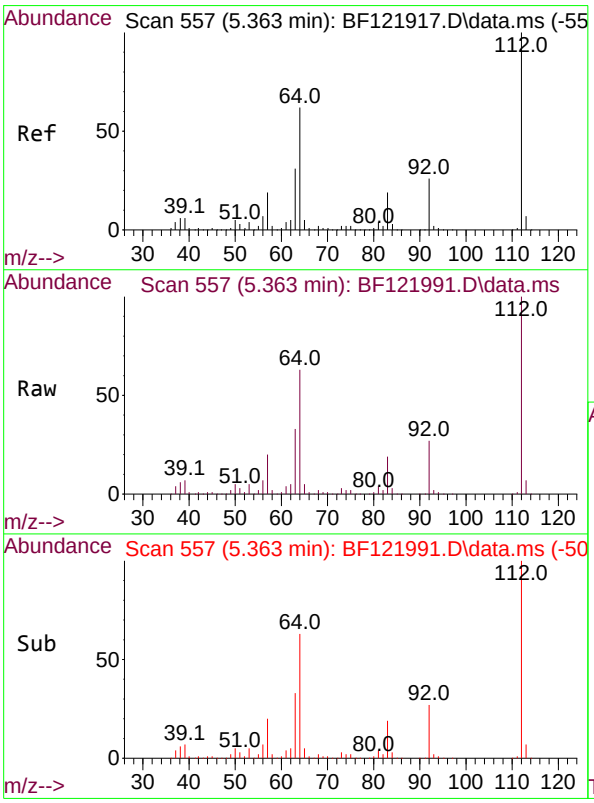


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:152 Resp: 97297

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.3	187.9
115	63.9	51.9	77.9

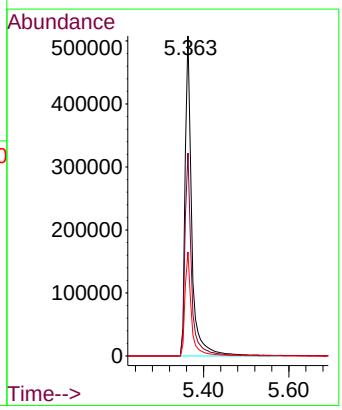




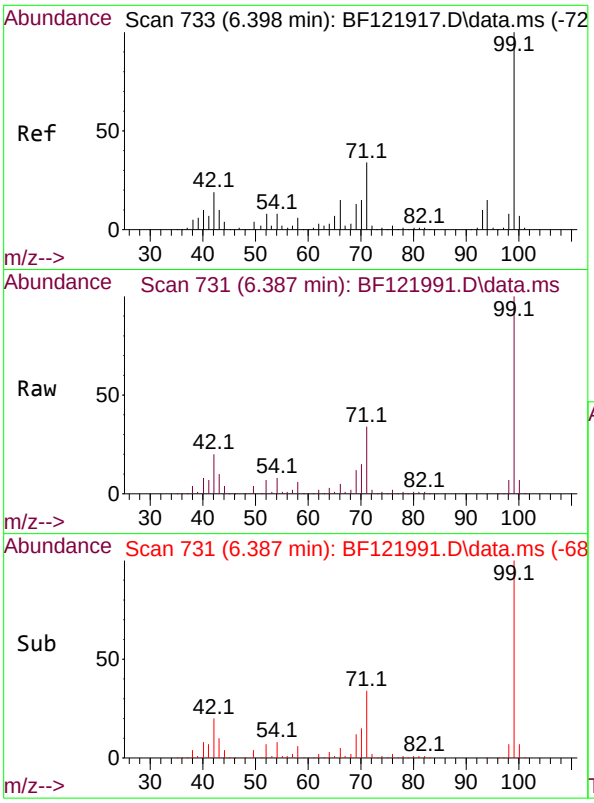
#5
2-Fluorophenol
Concen: 83.21 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:112 Resp: 548576

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	32.5	25.8	38.6



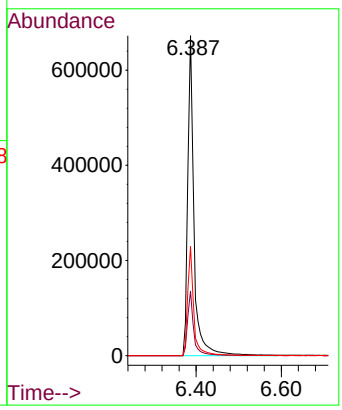
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



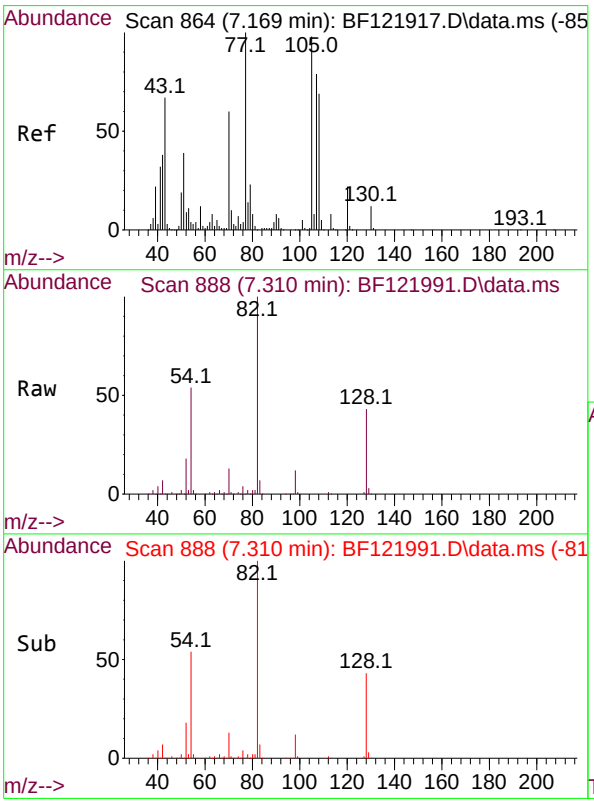
#7
Phenol-d6
Concen: 81.24 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 99 Resp: 689384

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	34.1	27.1	40.7



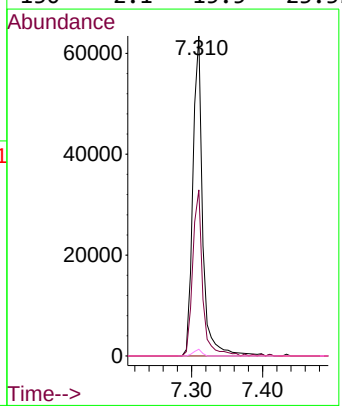
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

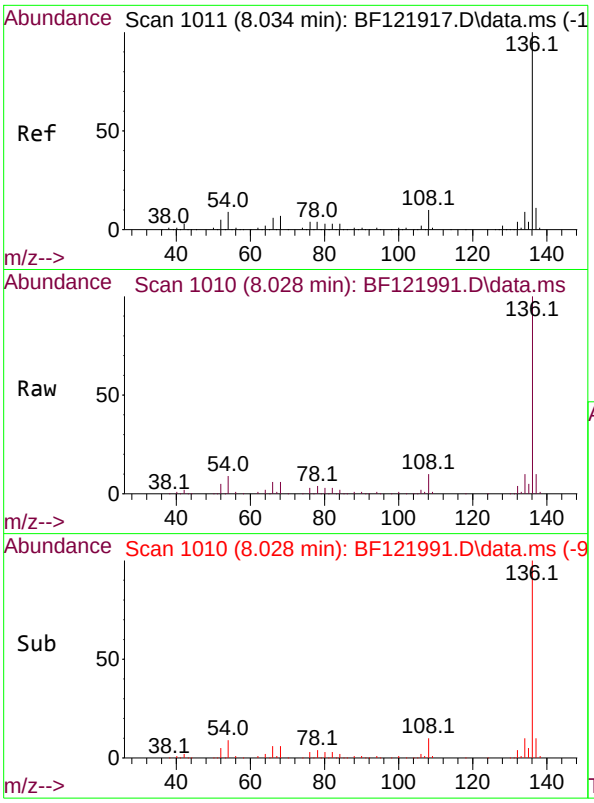


#19
n-Nitroso-di-n-propylamine
Concen: 12.67 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 70 Resp: 61240

Ion	Ratio	Lower	Upper
70	100		
42	51.9	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#

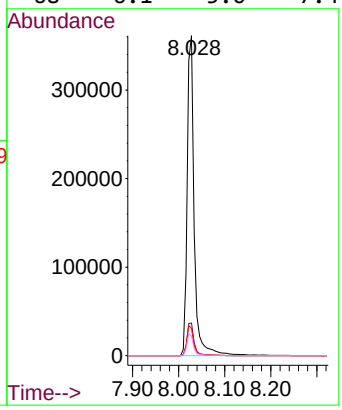




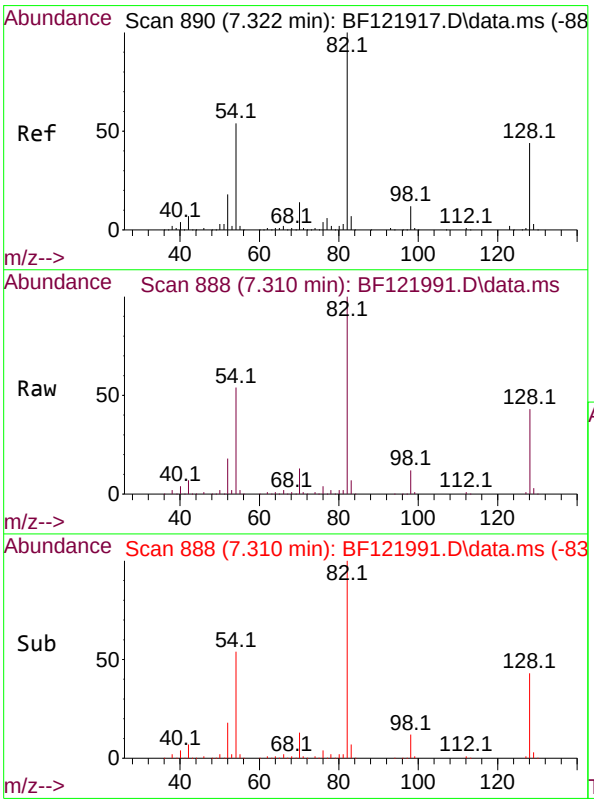
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:136 Resp: 381850

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.6	7.1	10.7
68	6.1	5.0	7.4



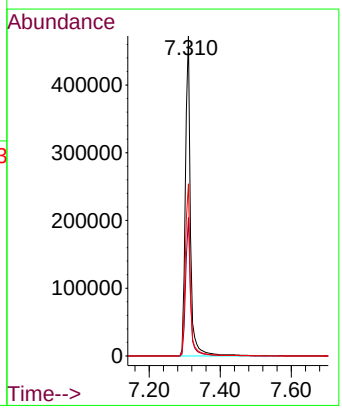
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



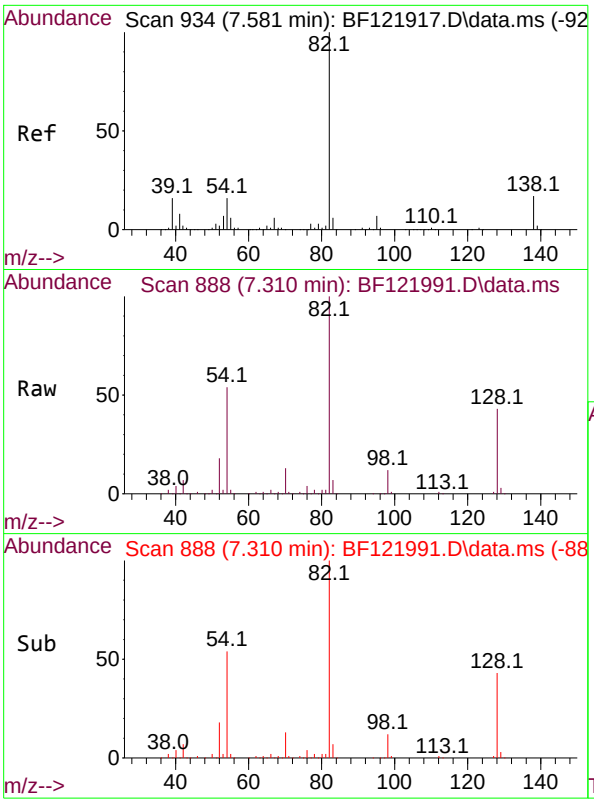
#23
Nitrobenzene-d5
Concen: 62.21 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 82 Resp: 463212

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.4
54	53.8	43.9	65.9



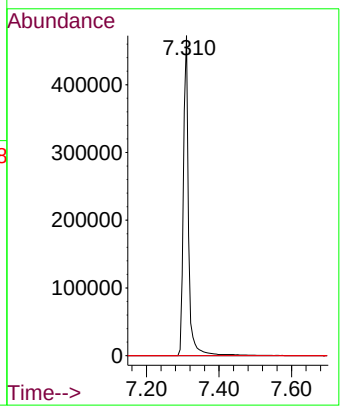
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

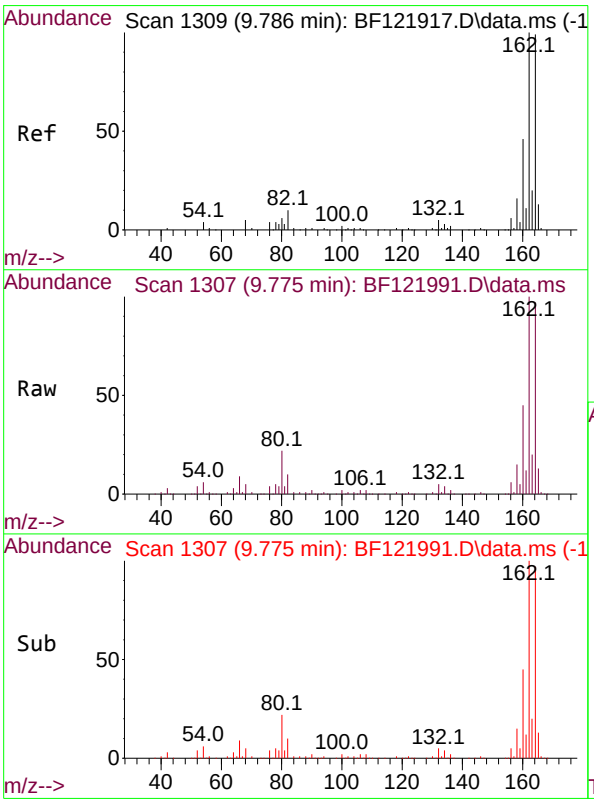


#25
Isophorone
Concen: 32.90 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 82 Resp: 463210

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

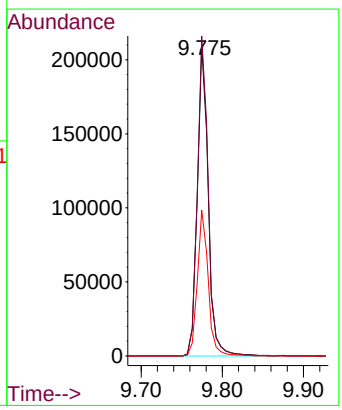




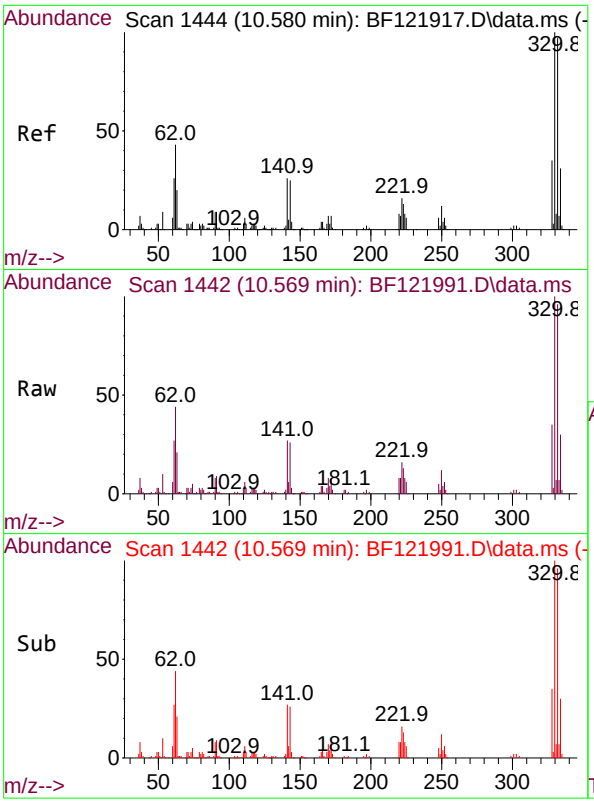
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:164 Resp: 196003

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	47.0	37.5	56.3



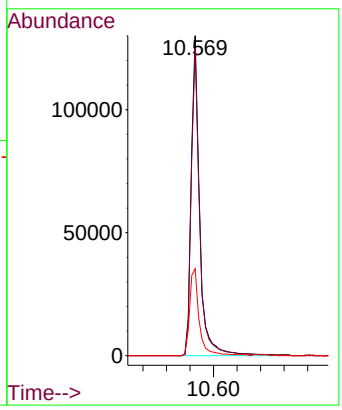
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

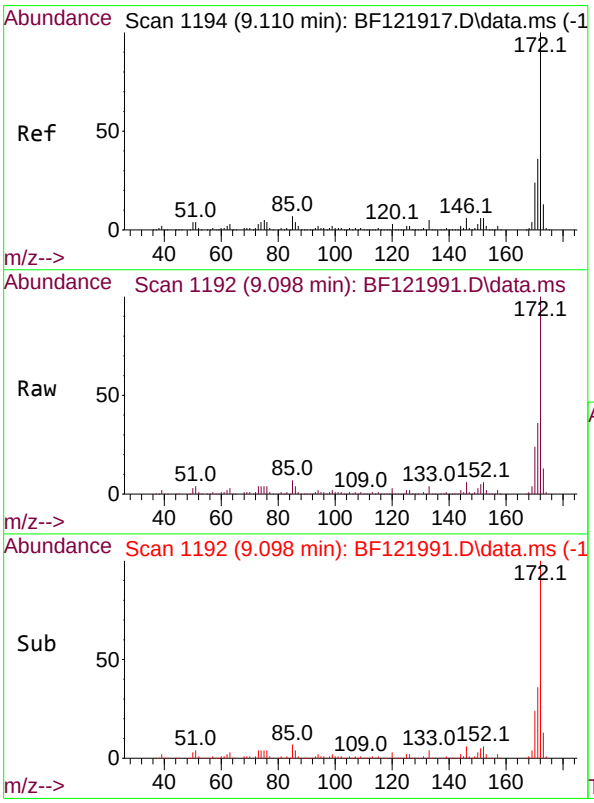


#42
2,4,6-Tribromophenol
Concen: 54.19 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:330 Resp: 131386

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	30.6	22.3	33.5

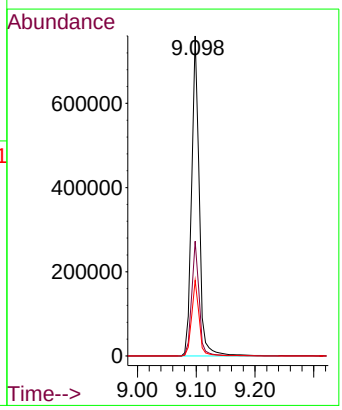


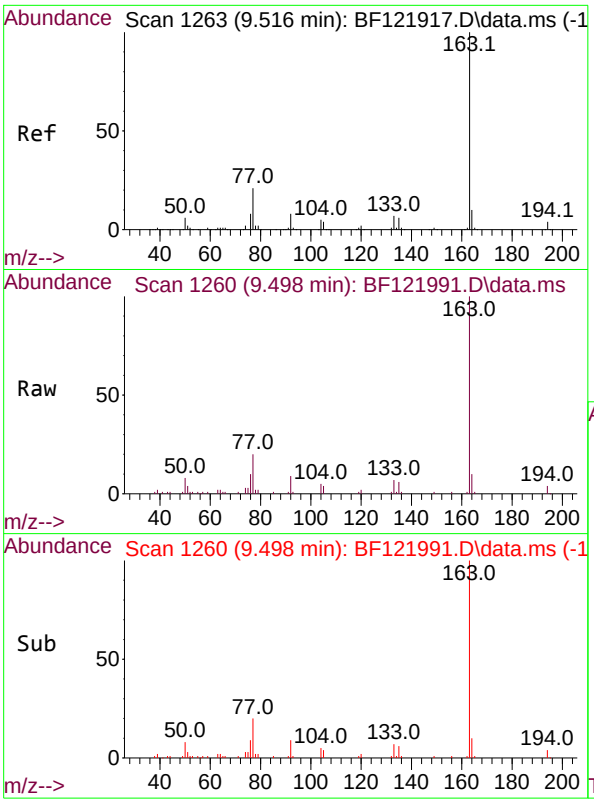


#45
2-Fluorobiphenyl
Concen: 51.46 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:172 Resp: 685527

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	23.7	19.8	29.6

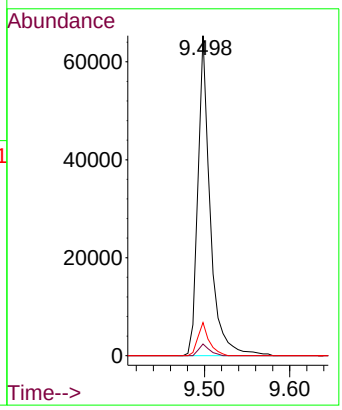




#50
Dimethylphthalate
Concen: 4.57 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:163 Resp: 65492

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.3	8.2	12.4



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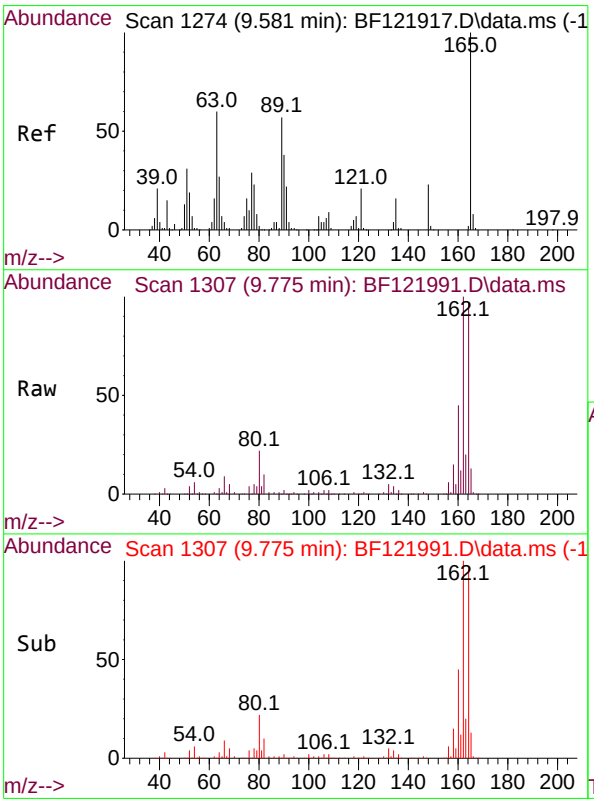
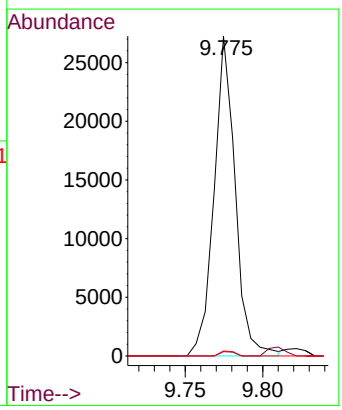
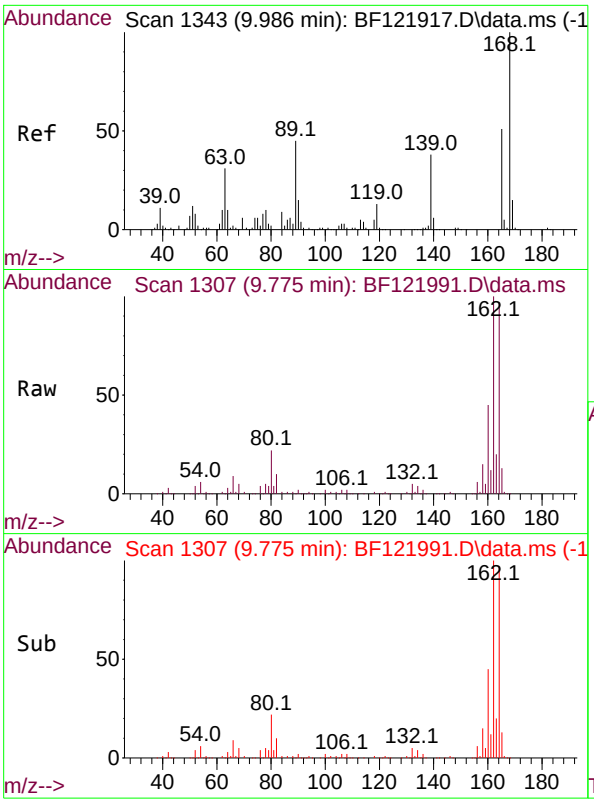


#51
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:165 Resp: 25838

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.6#
89	1.6	49.0	73.6#

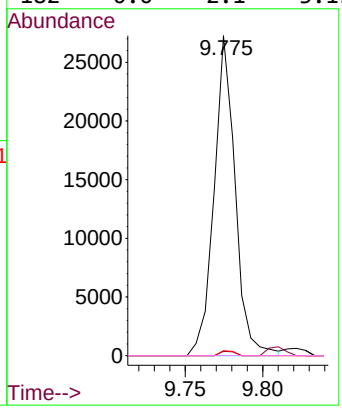




#57
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:165 Resp: 25838

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



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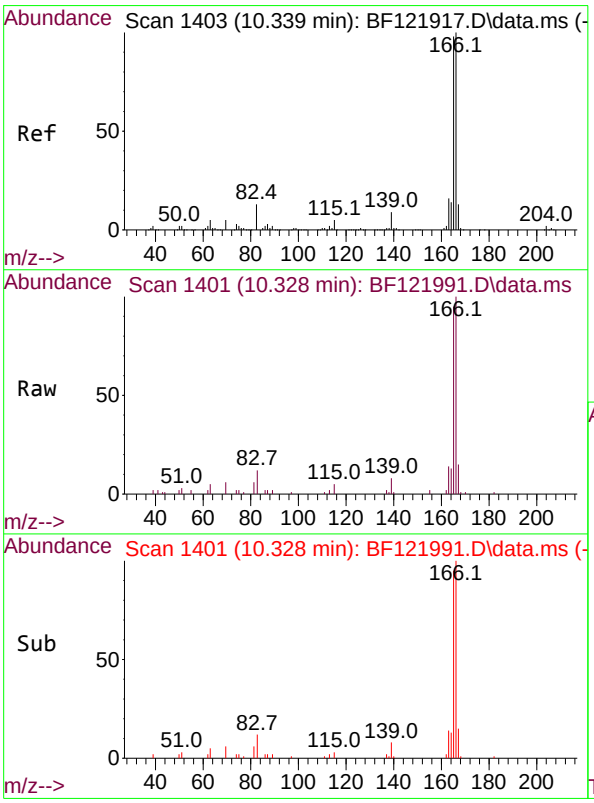
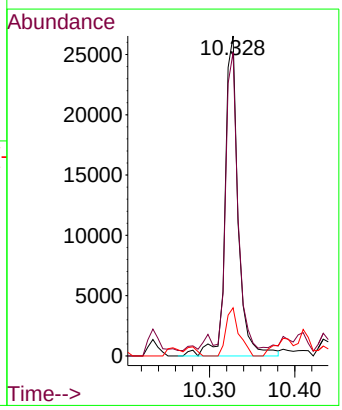
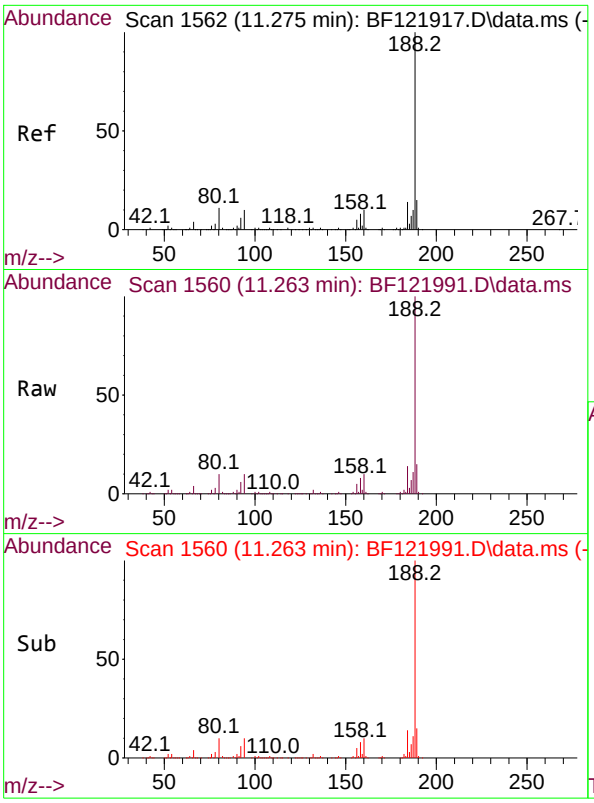


#58
Fluorene
Concen: 2.12 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:166 Resp: 28330

Ion	Ratio	Lower	Upper
166	100		
165	94.8	79.1	118.7
167	15.0	11.0	16.6

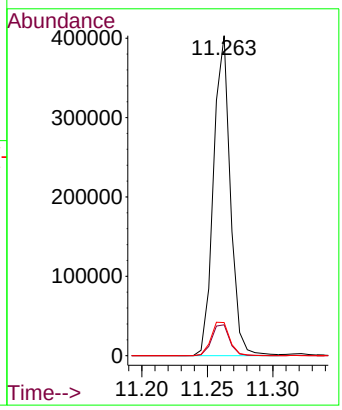




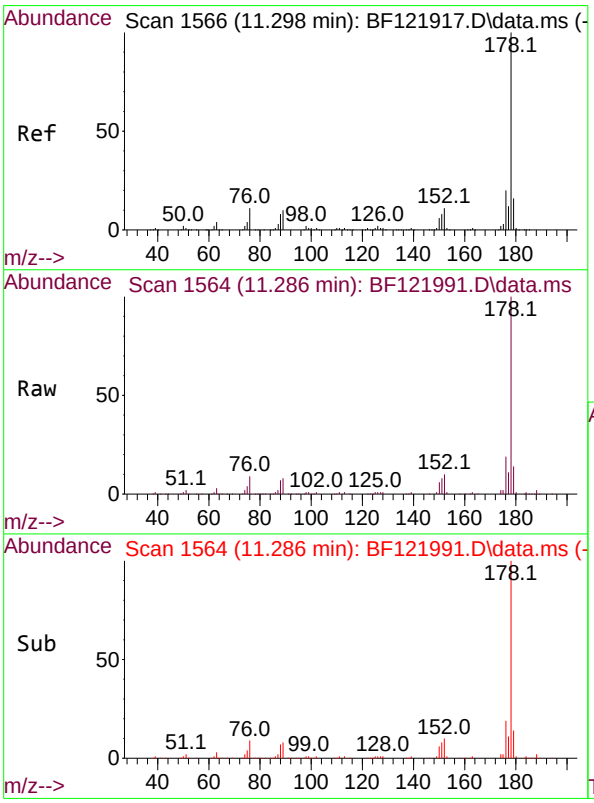
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:188 Resp: 359905

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.3	9.1	13.7



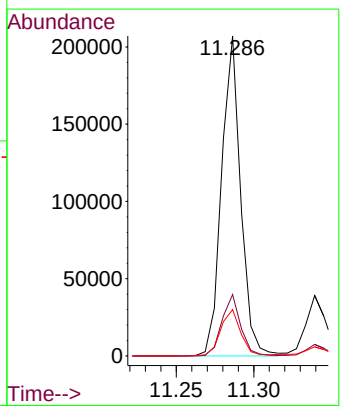
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



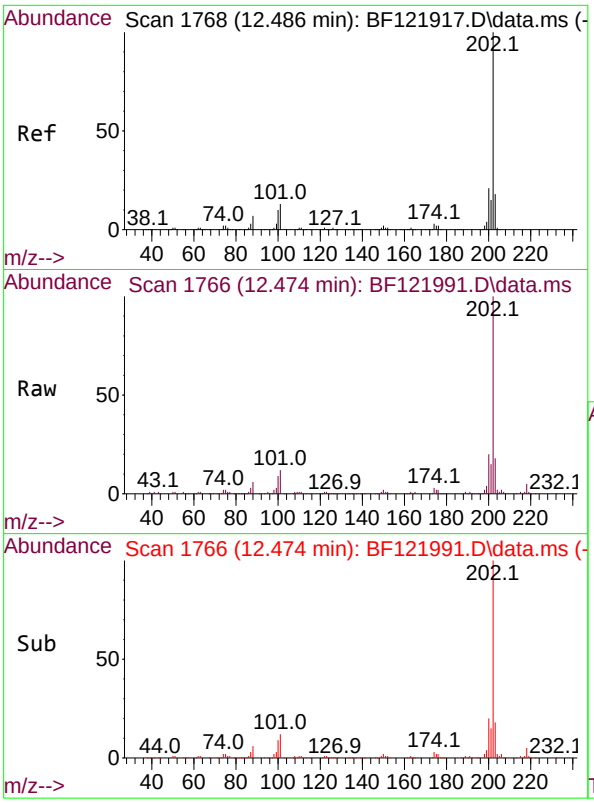
#71
Phenanthrene
Concen: 8.99 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:178 Resp: 177419

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	14.5	12.2	18.4



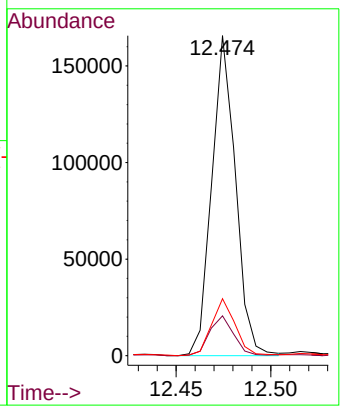
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

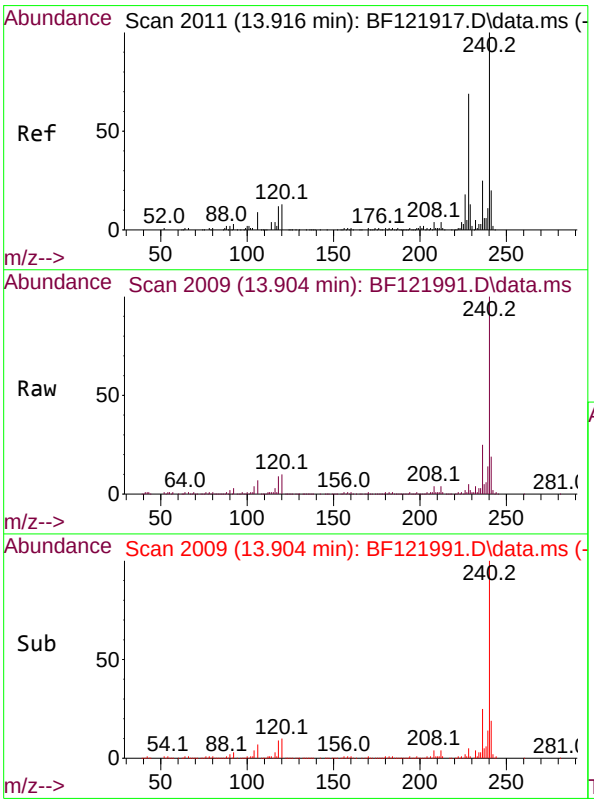


#75
Fluoranthene
Concen: 6.84 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:202 Resp: 144676

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.4
203	17.8	0.0	37.9

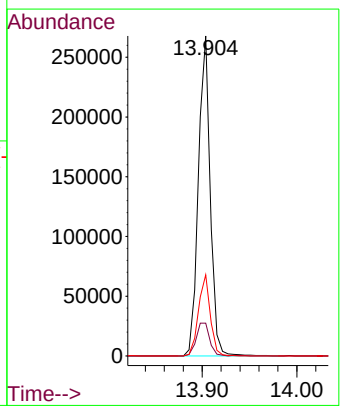


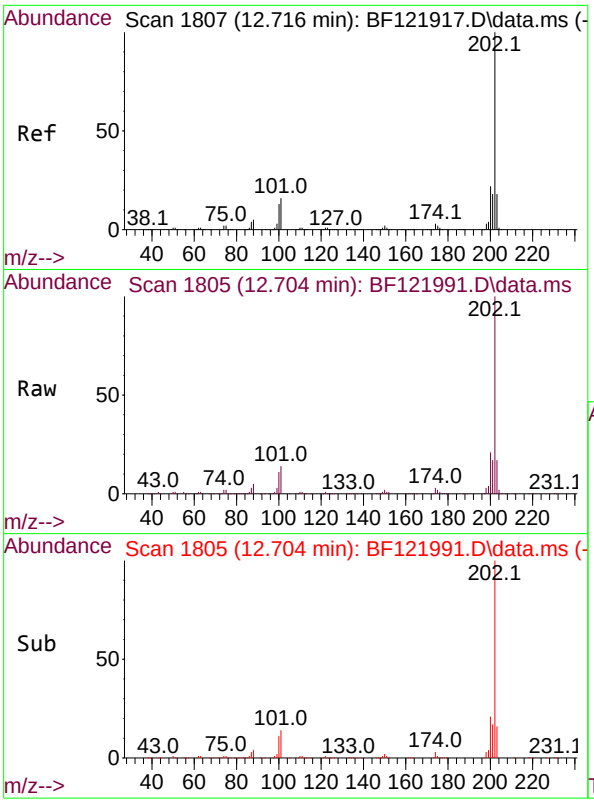


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:240 Resp: 234019

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.4	20.9	31.3

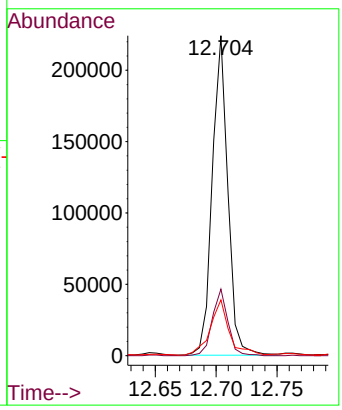


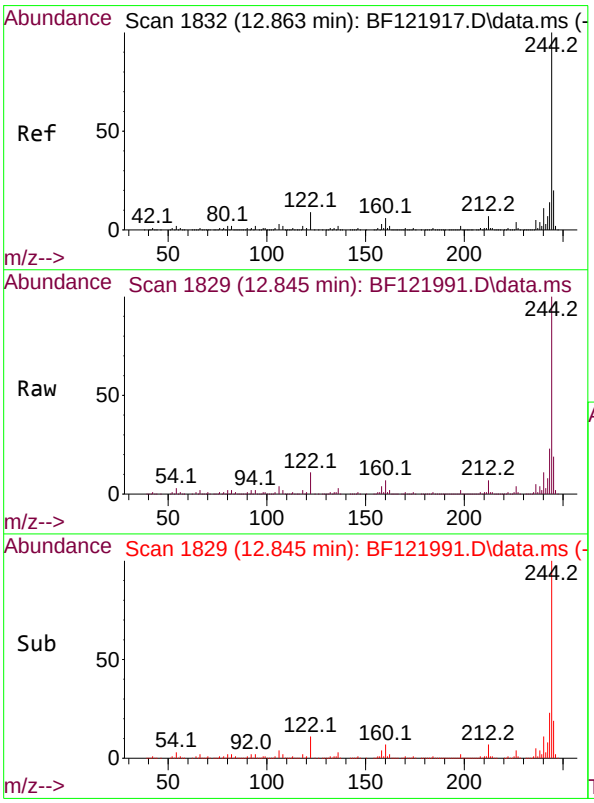


#78
Pyrene
Concen: 11.16 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:202 Resp: 199109

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.6	21.8

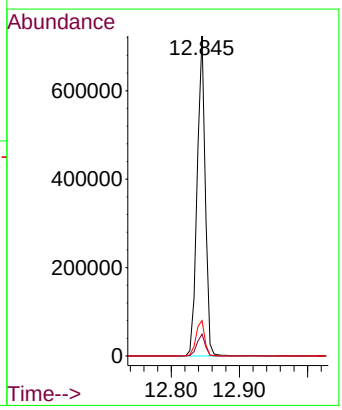




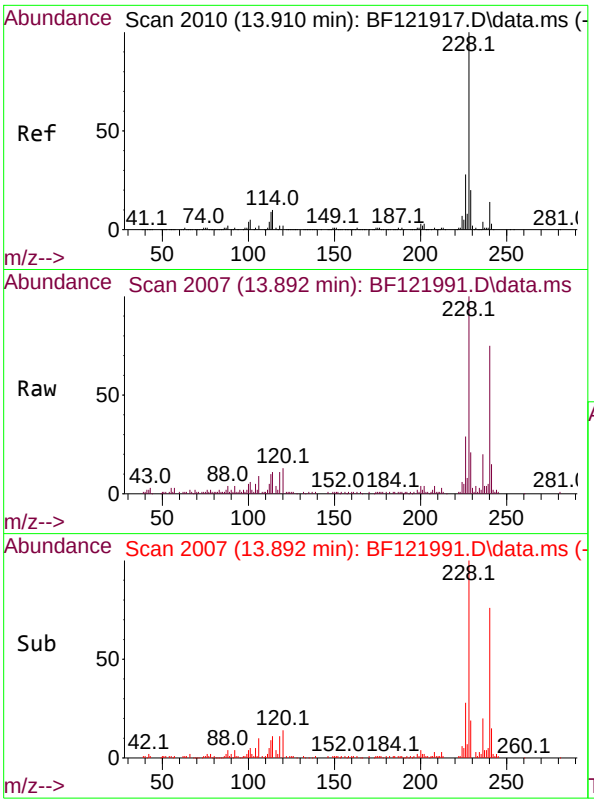
#79
Terphenyl-d14
Concen: 48.63 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:244 Resp: 597113

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.1	8.1	12.1



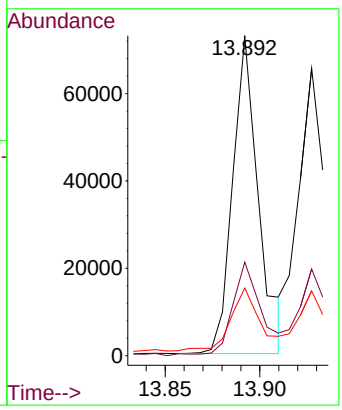
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



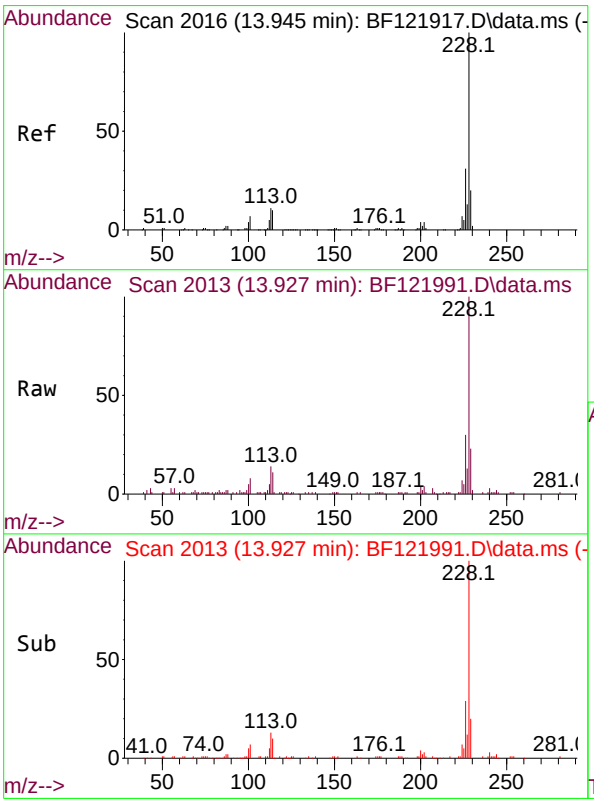
#81
Benzo(a)anthracene
Concen: 4.47 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:228 Resp: 68556

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	21.2	16.2	24.4



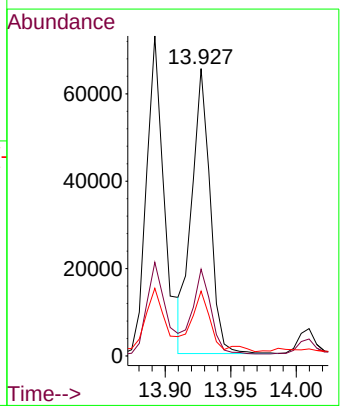
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

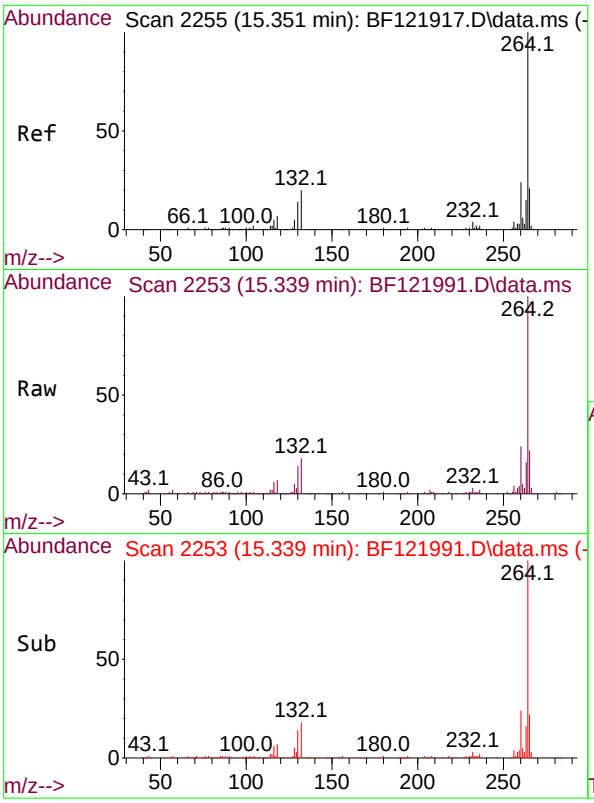


#83
Chrysene
Concen: 4.24 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:228 Resp: 63838

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	22.5	15.9	23.9

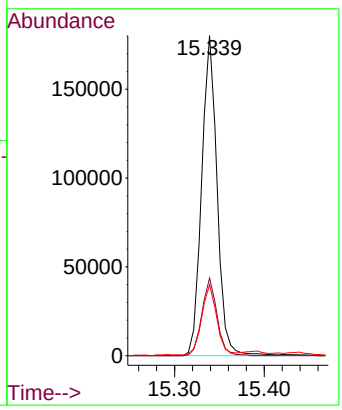




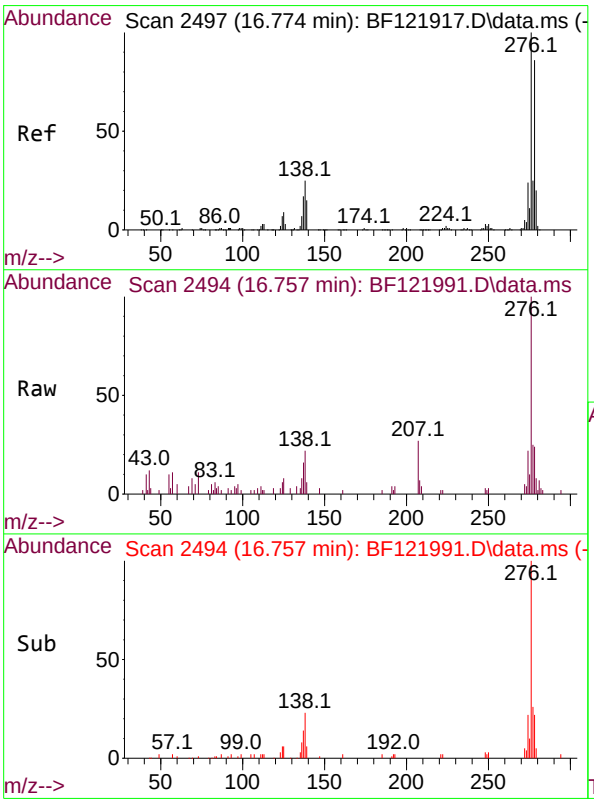
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:264 Resp: 214973

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.2	17.3	25.9



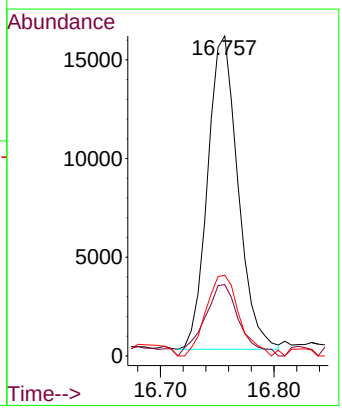
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



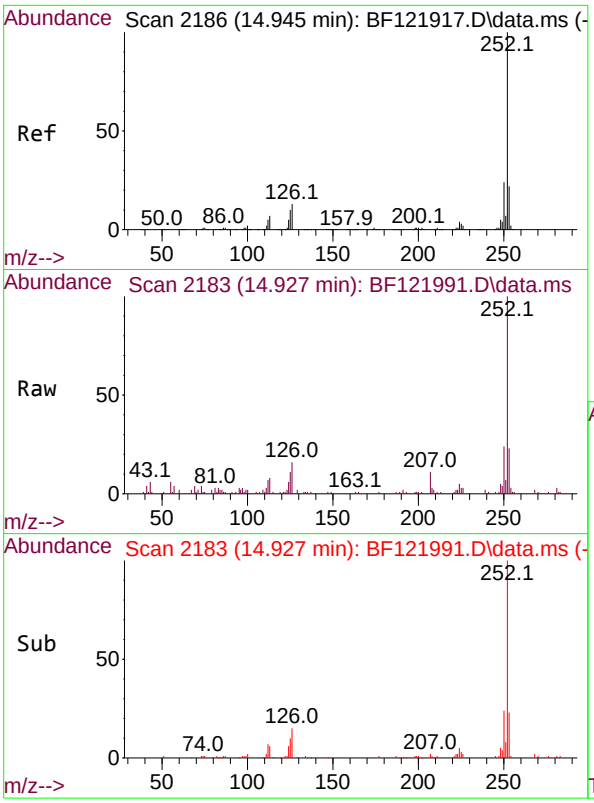
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 16.757 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:276 Resp: 29443

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.9	29.9
277	28.1	20.4	30.6



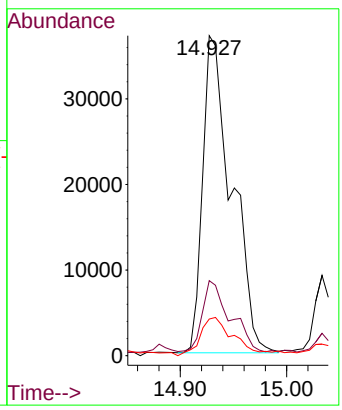
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

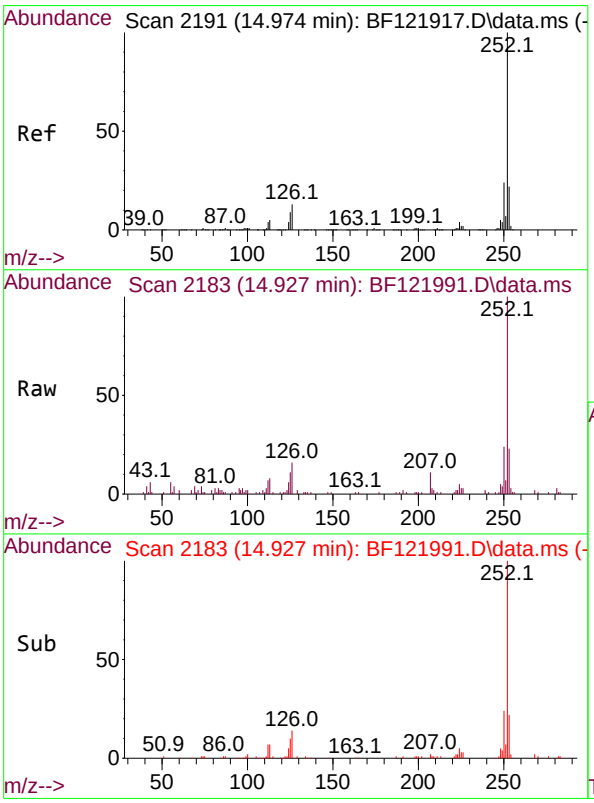


#88
Benzo(b)fluoranthene
Concen: 4.83 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:252 Resp: 70187

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.4	8.0	12.0

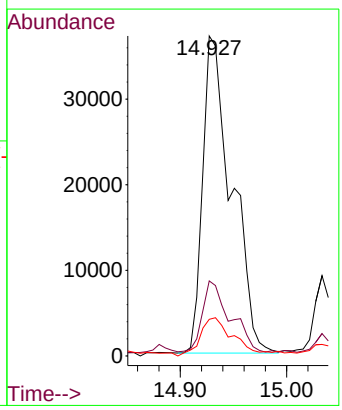




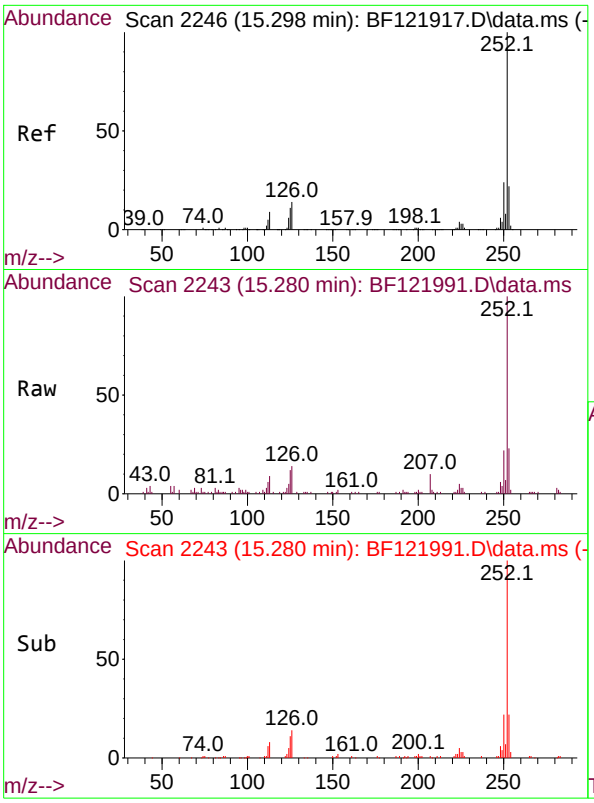
#89
Benzo(k)fluoranthene
Concen: 5.08 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.035 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:252 Resp: 70187

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.4	7.7	11.5



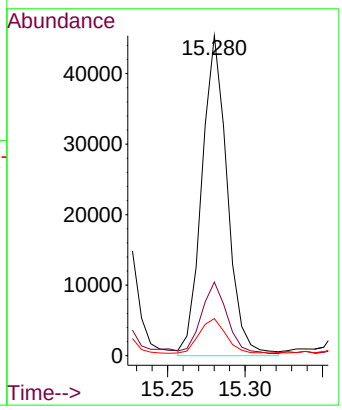
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

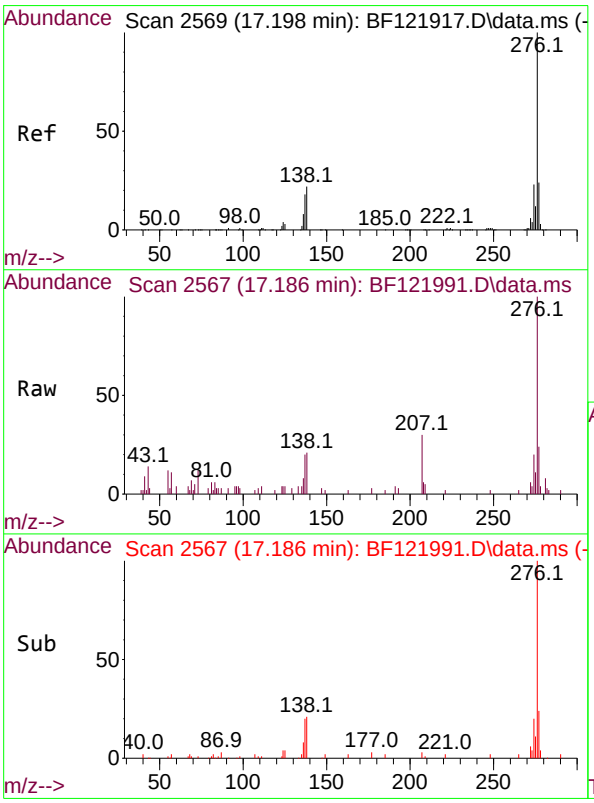


#90
Benzo(a)pyrene
Concen: 4.13 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:252 Resp: 51823

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.6	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 3.09 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:276 Resp: 35512

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	20.8	17.8	26.6