Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
Data File : BF108348.D
Acq On : 21 Aug 2018 20:14
Operator : JU/SJ
Sample : J4521-25DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11988DL

Quant Time: Aug 21 23:18:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172673	20.00	ng		-0.01
21) Naphthalene-d8	8.29	136	646207	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	321106	20.00	ng		-0.02
63) Phenanthrene-d10	11.54	188	553958	20.00	ng		-0.02
75) Chrysene-d12	14.20	240	362866	20.00	ng		-0.02
86) Perylene-d12	15.75	264	363524	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	183501	19.24	ng		-0.01
7) Phenol-d6	6.61	99	252724	19.94	ng		-0.02
23) Nitrobenzene-d5	7.56	82	162863	14.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	54575	17.04	ng		-0.02
44) 2-Fluorobiphenyl	9.36	172	311111	15.55	ng		-0.02
78) Terphenyl-d14	13.12	244	232011	16.26	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	21278	2.483	ng	#	81
25) Isophorone	7.56	82	162860	7.378	ng	#	64
50) 2,6-Dinitrotoluene	10.05	165	42384	9.057	ng	#	25
56) 2,4-Dinitrotoluene	10.05	165	42384	7.036	ng	#	23
70) Phenanthrene	11.57	178	327930	12.551	ng		100
71) Anthracene	11.62	178	123097	4.597	ng		98
74) Fluoranthene	12.77	202	731071	25.637	ng		95
77) Pyrene	13.00	202	662656	28.845	ng		99
80) Benzo(a)anthracene	14.19	228	330002	15.847	ng		99
82) Chrysene	14.22	228	275953	14.454	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	130062	7.862	ng	#	88
87) Benzo(b)fluoranthene	15.29	252	474686	21.853	ng		97
88) Benzo(k)fluoranthene	15.29	252	474486	23.762	ng	#	97
89) Benzo(a)pyrene	15.68	252	267968	13.776	ng		96
91) Benzo(g,h,i)perylene	17.85	276	110919	6.999	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
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72-11988DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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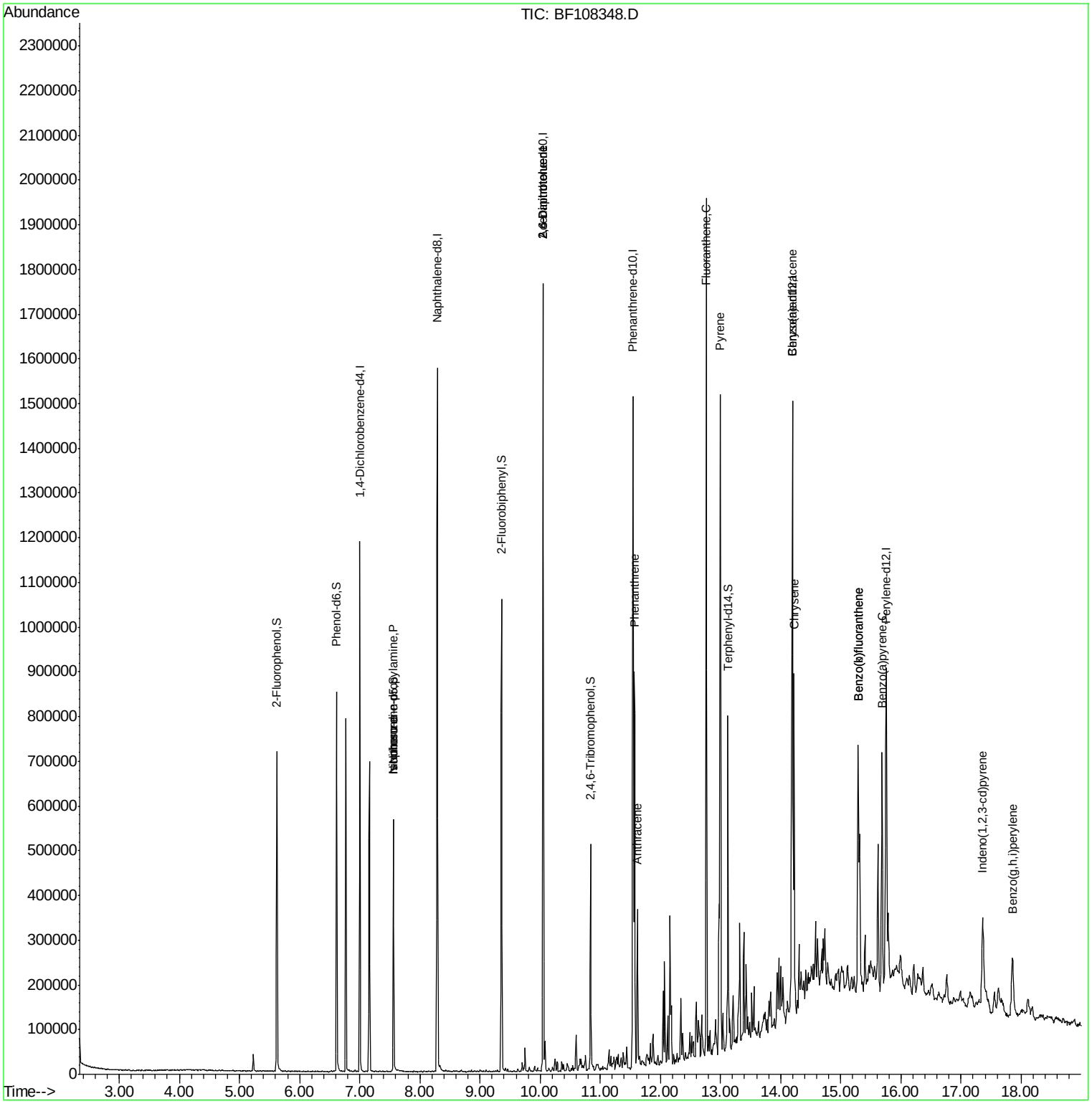
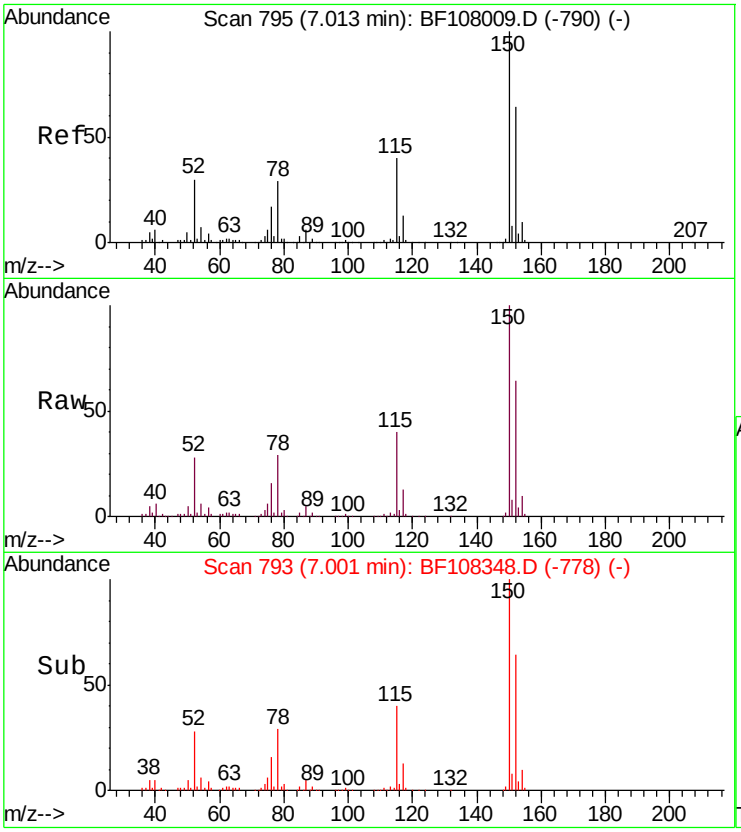


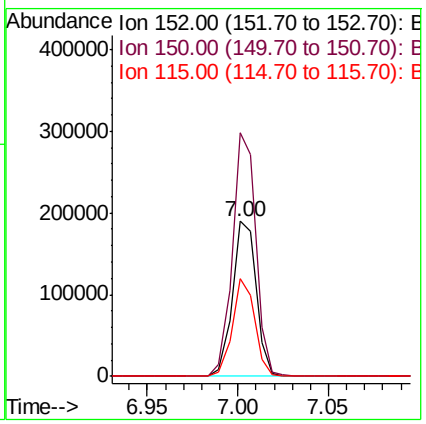


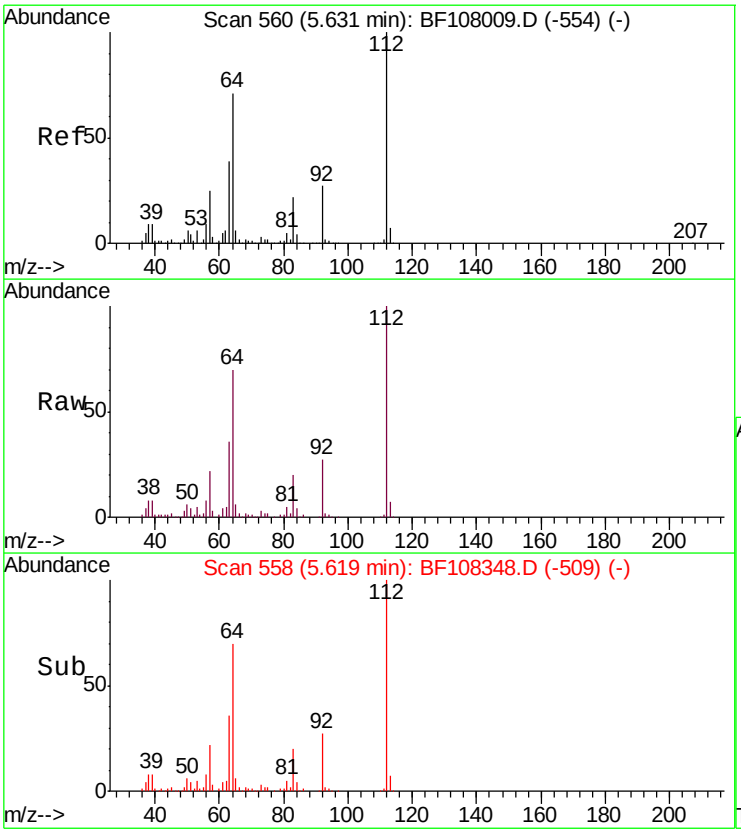
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:152 Resp: 172673

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	63.4	50.1	75.1

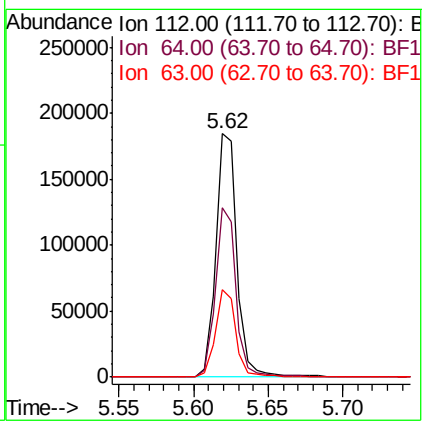


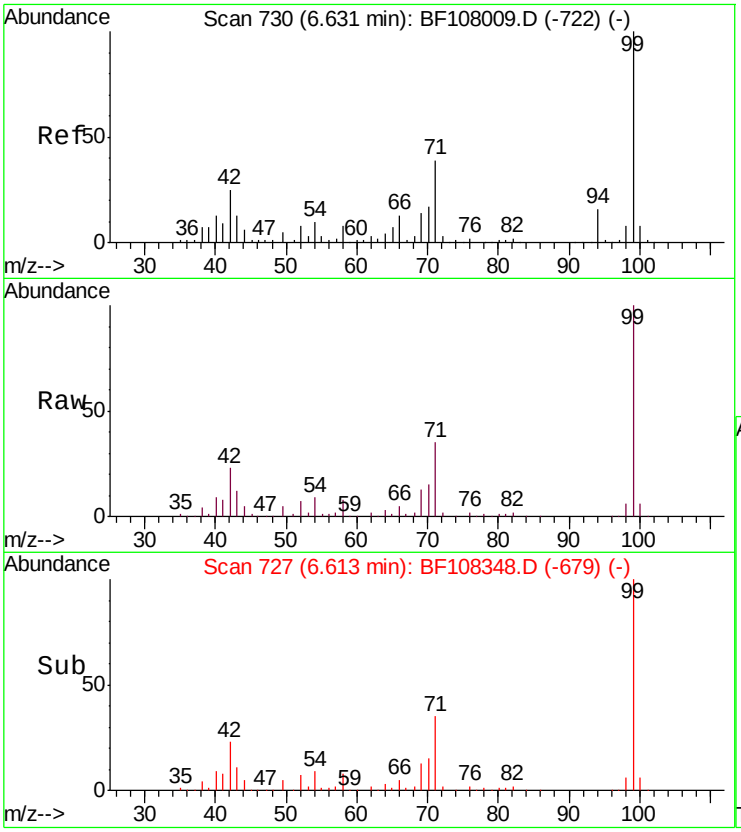


#5
2-Fluorophenol
Concen: 19.240 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:112 Resp: 183501

Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.2	23.7	35.5#



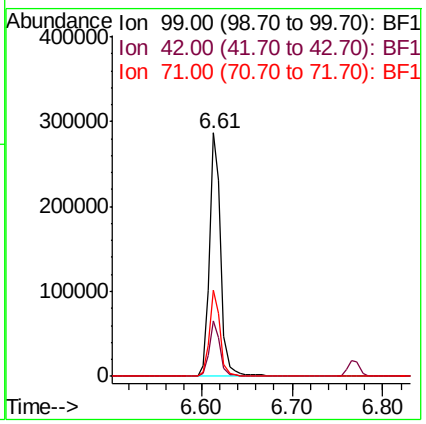


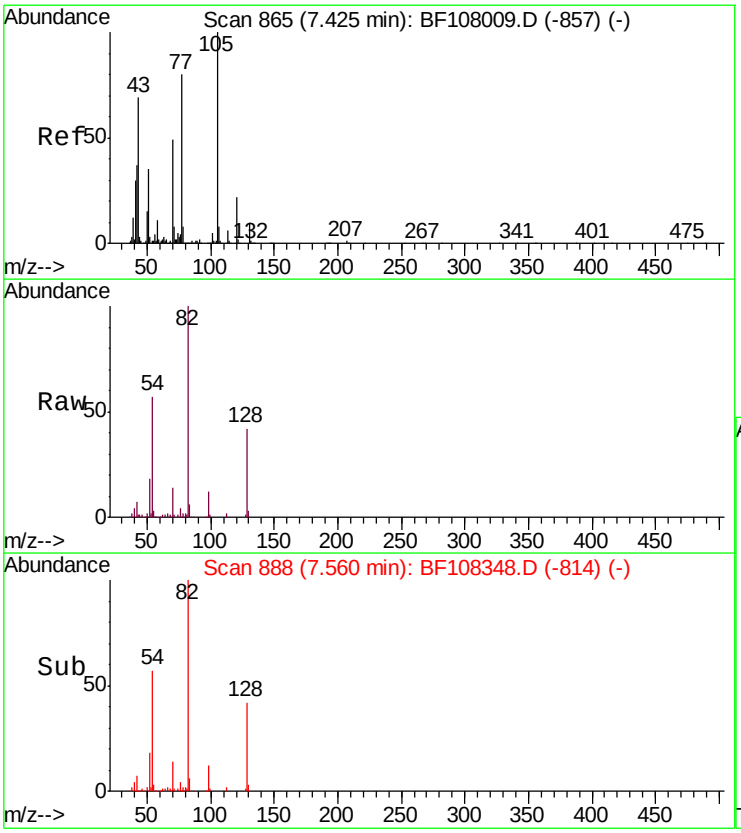
#7
Phenol-d6
Concen: 19.940 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion: 99 Resp: 252724

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	35.3	25.4	38.0

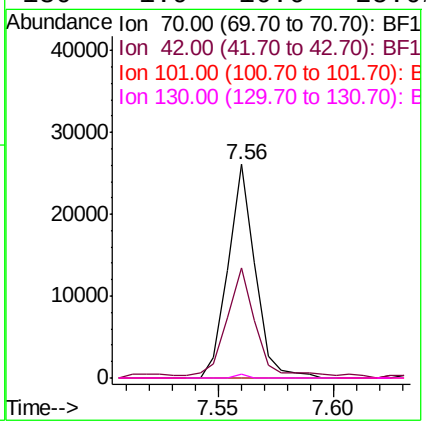


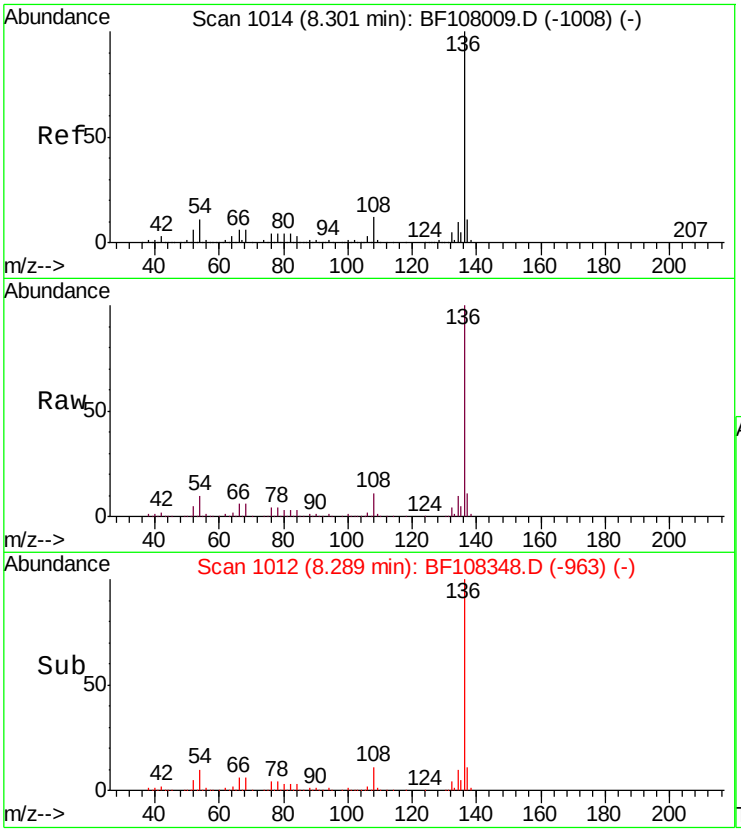


#19
n-Nitroso-di-n-propylamine
Concen: 2.483 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion: 70 Resp: 21278

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



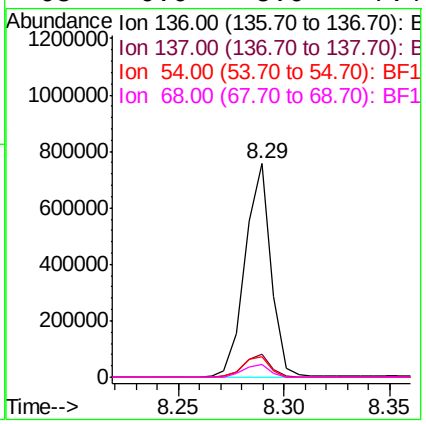


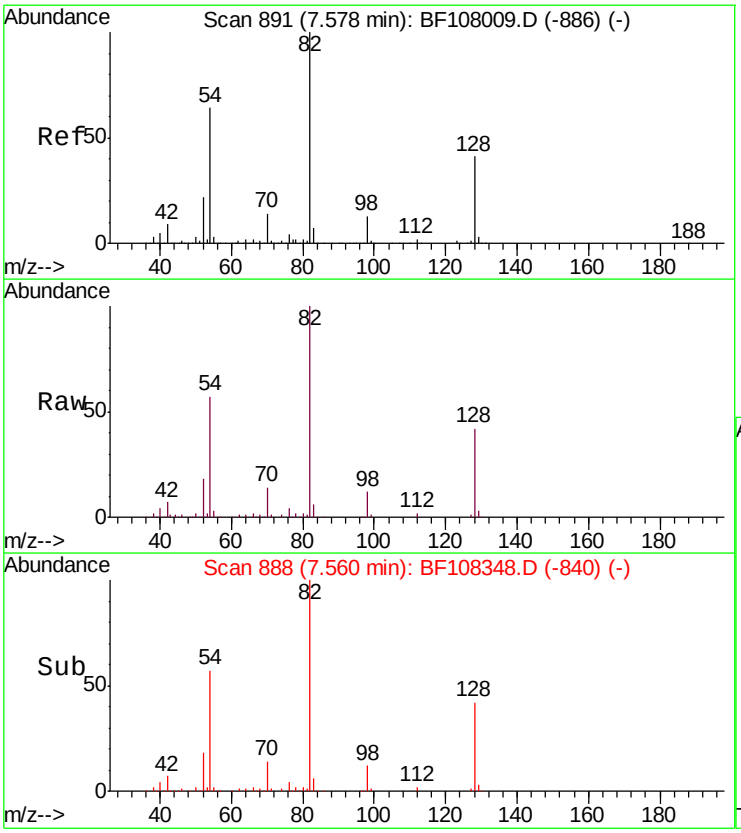
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:136 Resp: 646207

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	6.6	9.8#
68	6.0	5.0	7.4

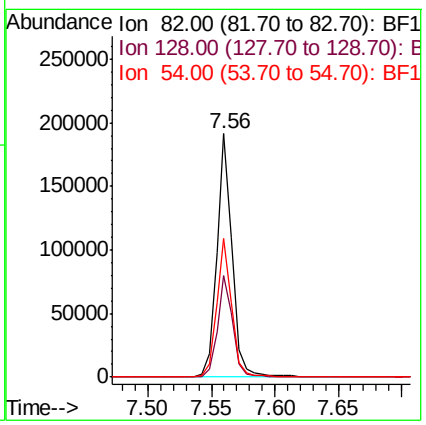


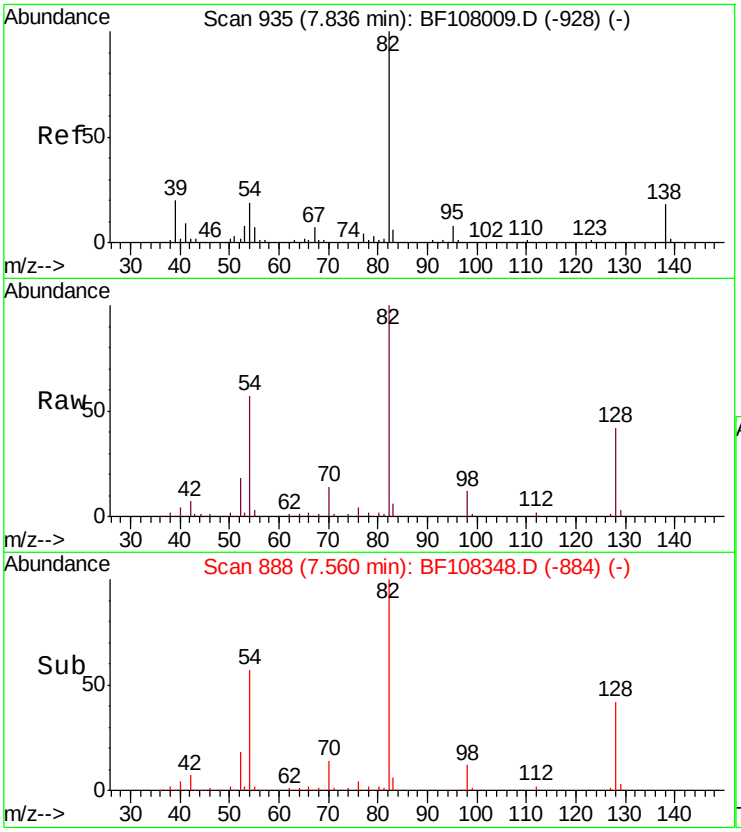


#23
Nitrobenzene-d5
Concen: 14.064 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion: 82 Resp: 162863

Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	56.9	41.4	62.2



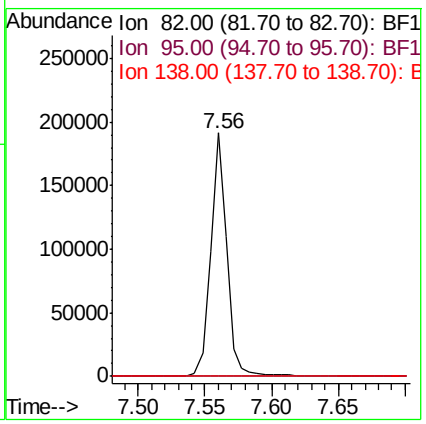


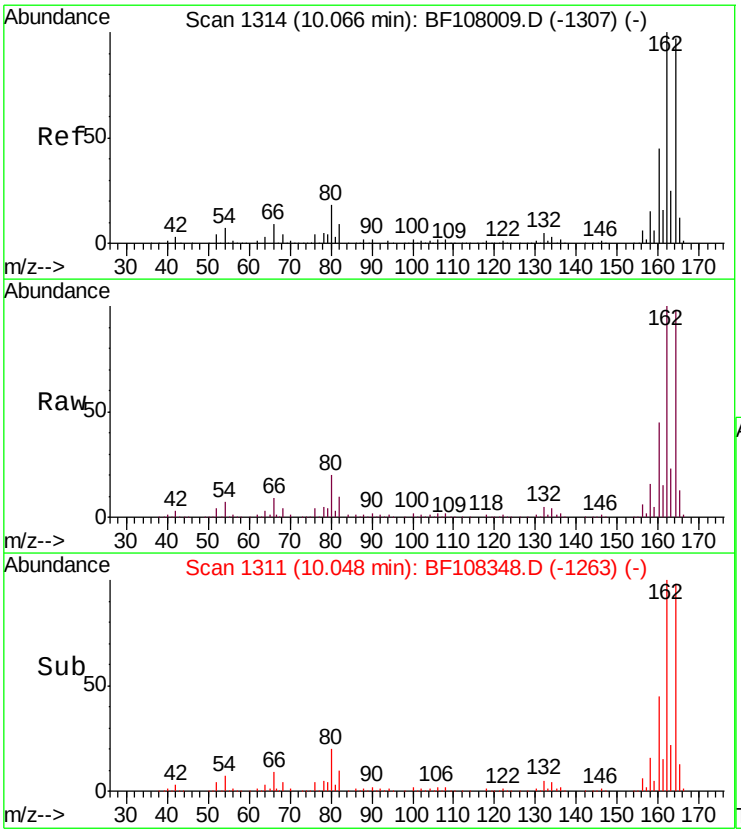
#25
Isophorone
Concen: 7.378 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.28 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion: 82 Resp: 162860

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

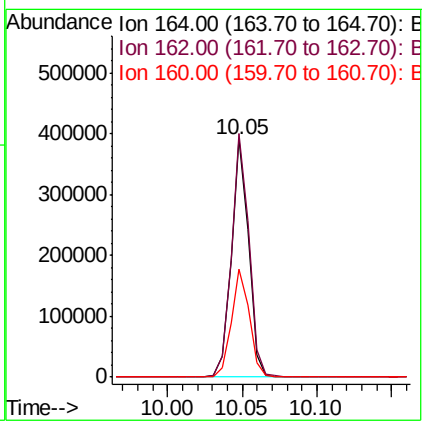


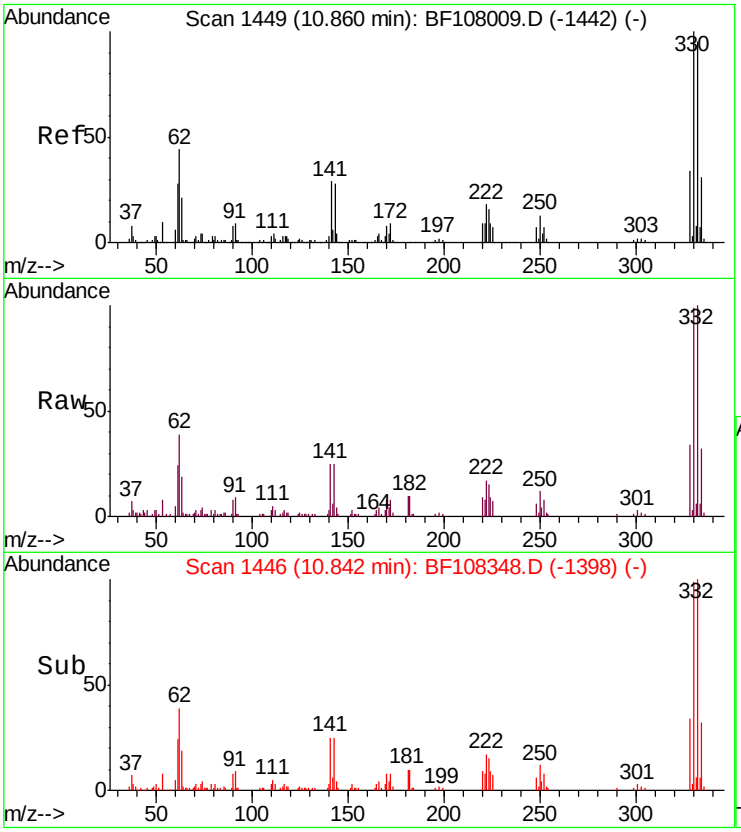


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:164 Resp: 321106

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.5	38.3	57.5



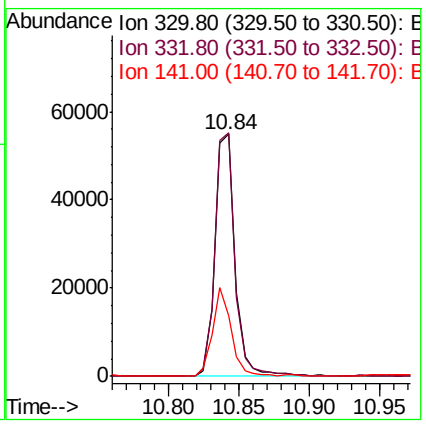


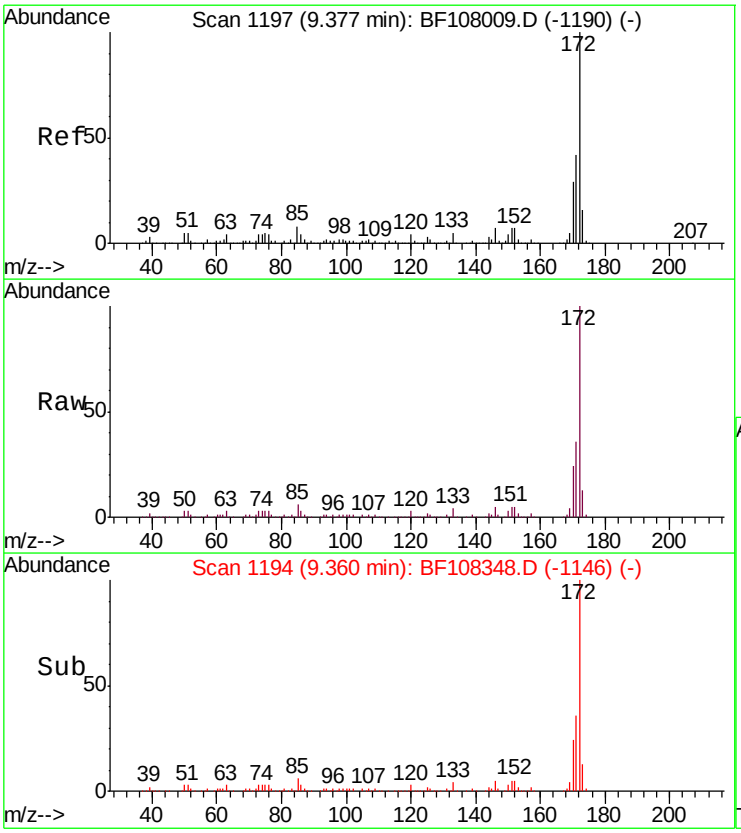
#41
2,4,6-Tribromophenol
Concen: 17.039 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:330 Resp: 54575

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	33.5	29.9	44.9

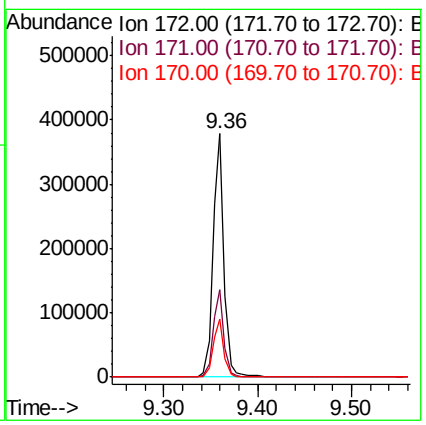


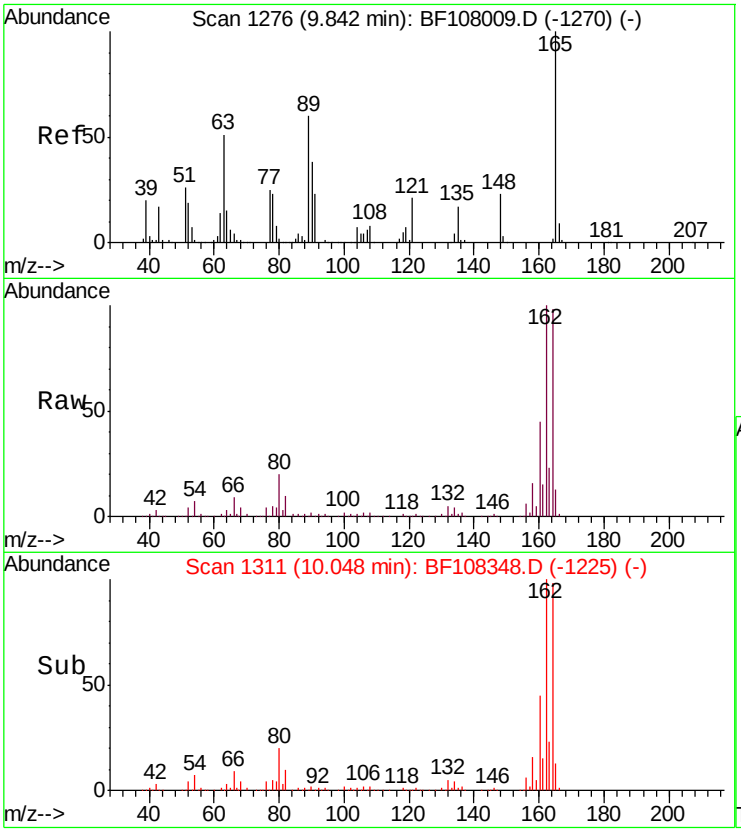


#44
2-Fluorobiphenyl
Concen: 15.555 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:172 Resp: 311111

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



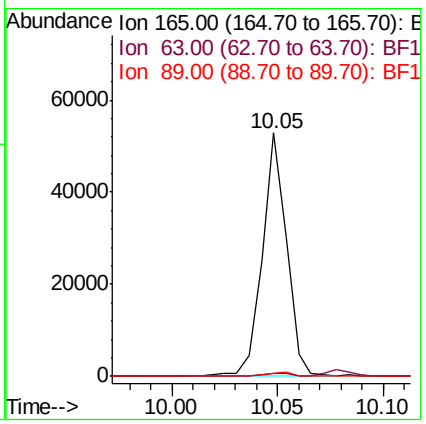


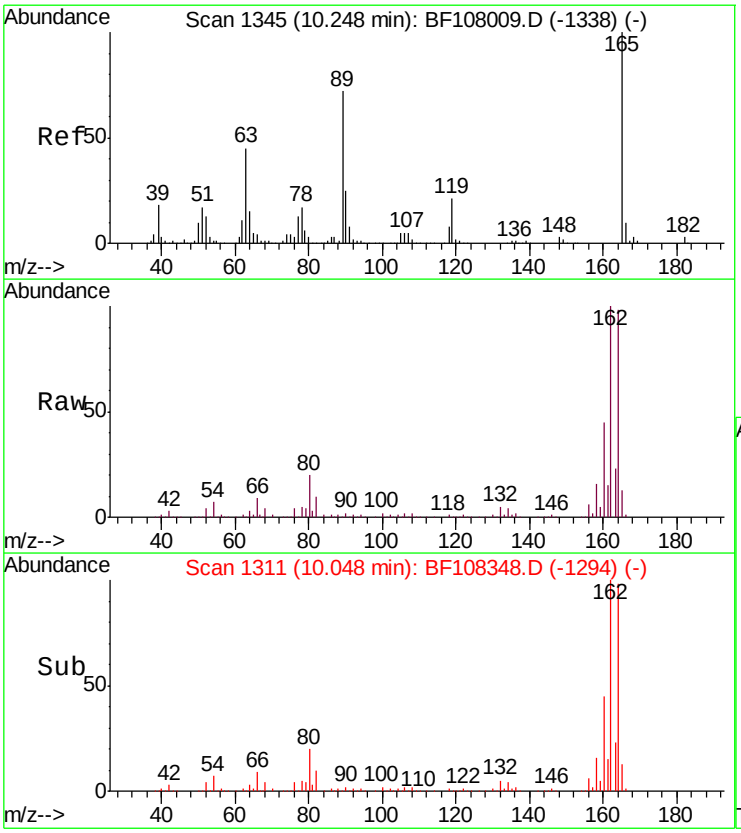
#50
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:165 Resp: 42384

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#

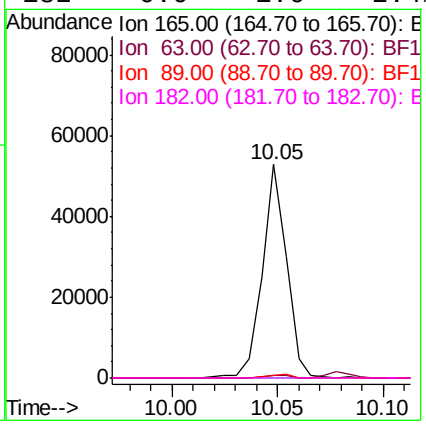


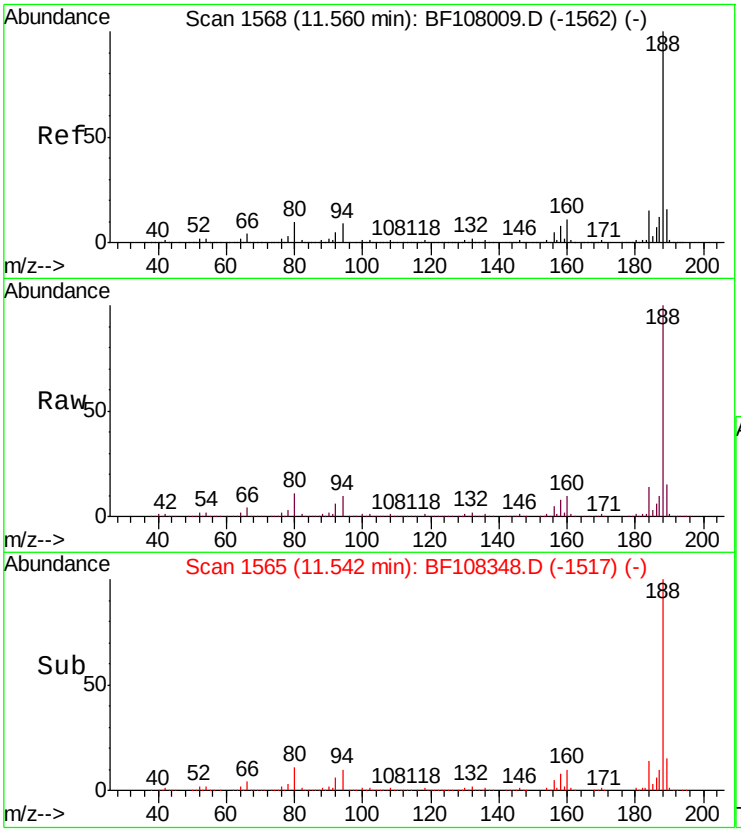


#56
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.20 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:165 Resp: 42384

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



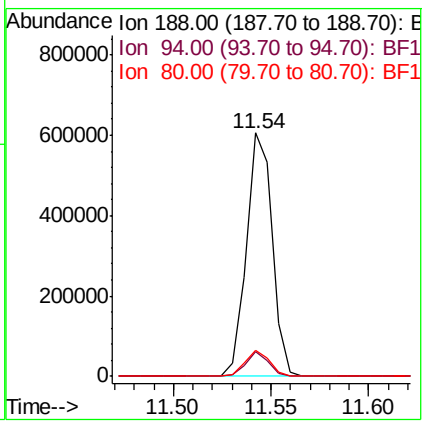


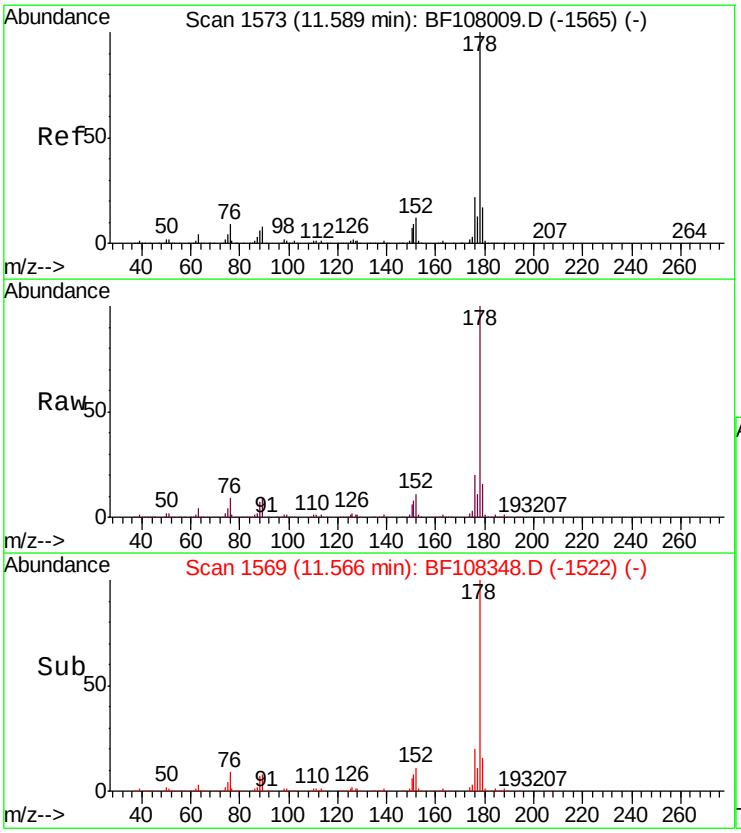
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:188 Resp: 553958

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8

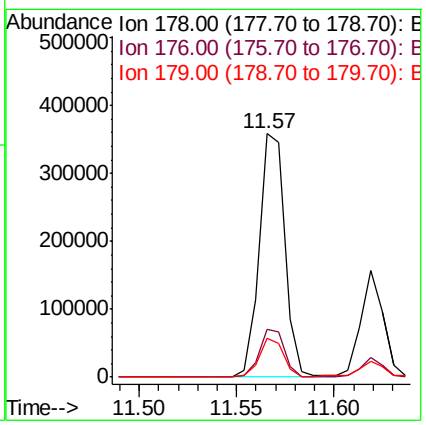


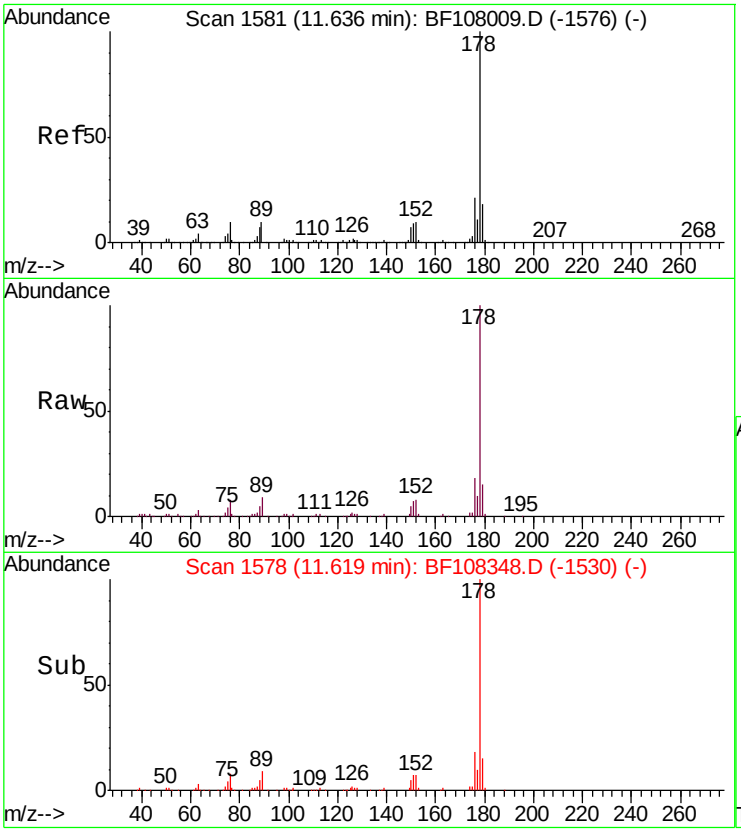


#70
Phenanthrene
Concen: 12.551 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:178 Resp: 327930

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6



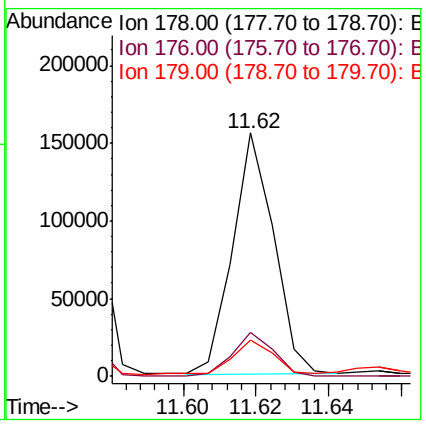


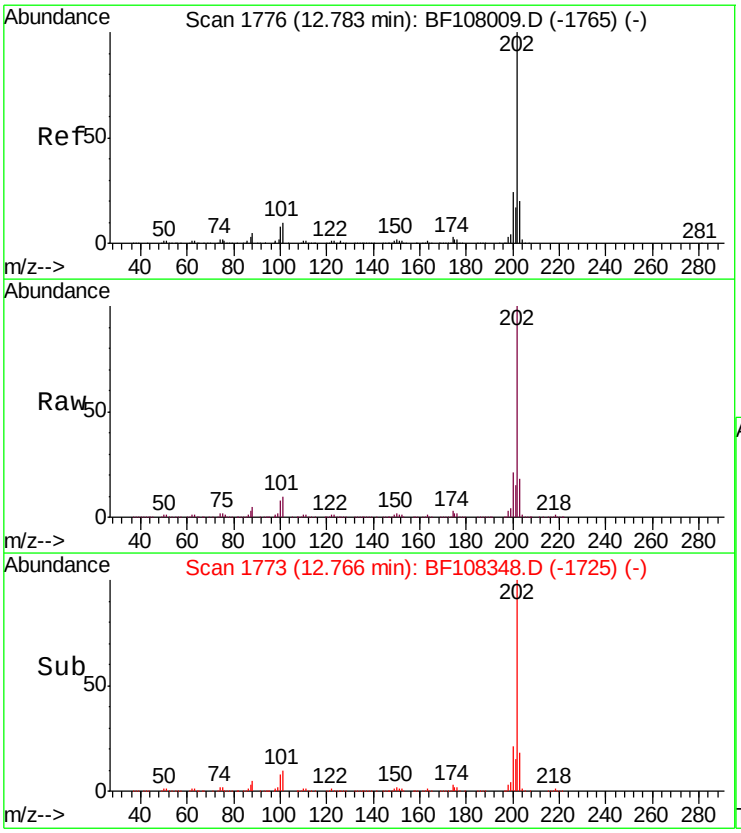
#71
Anthracene
Concen: 4.597 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:178 Resp: 123097

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.9	12.6	19.0

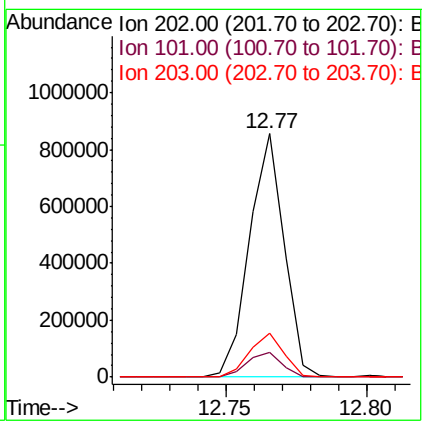


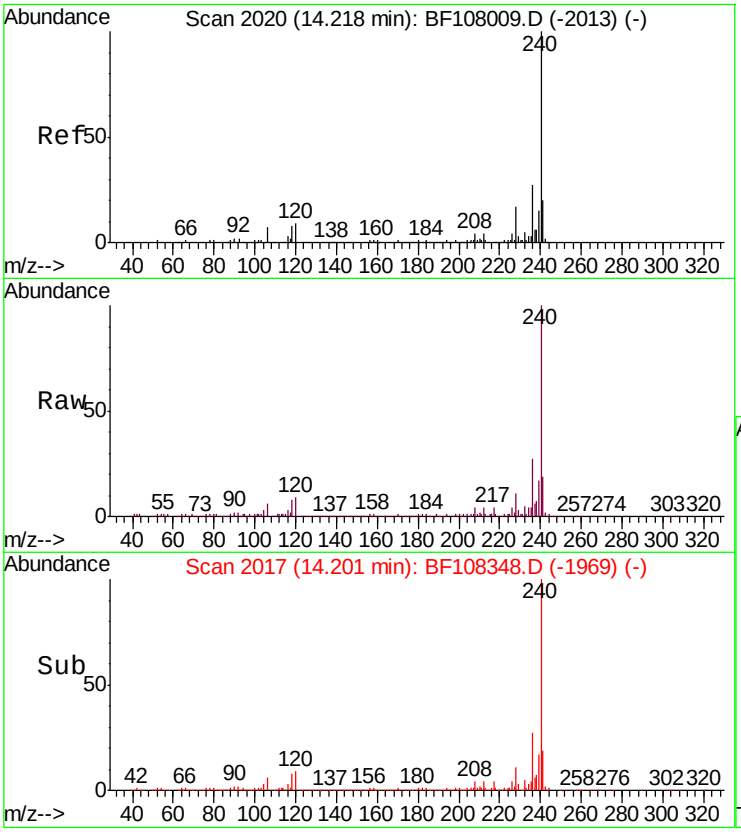


#74
Fluoranthene
Concen: 25.637 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:202 Resp: 731071

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.9	0.0	38.1



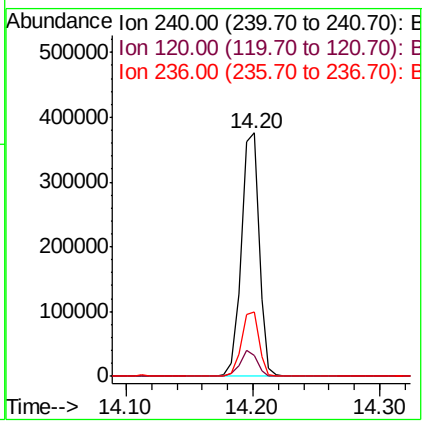


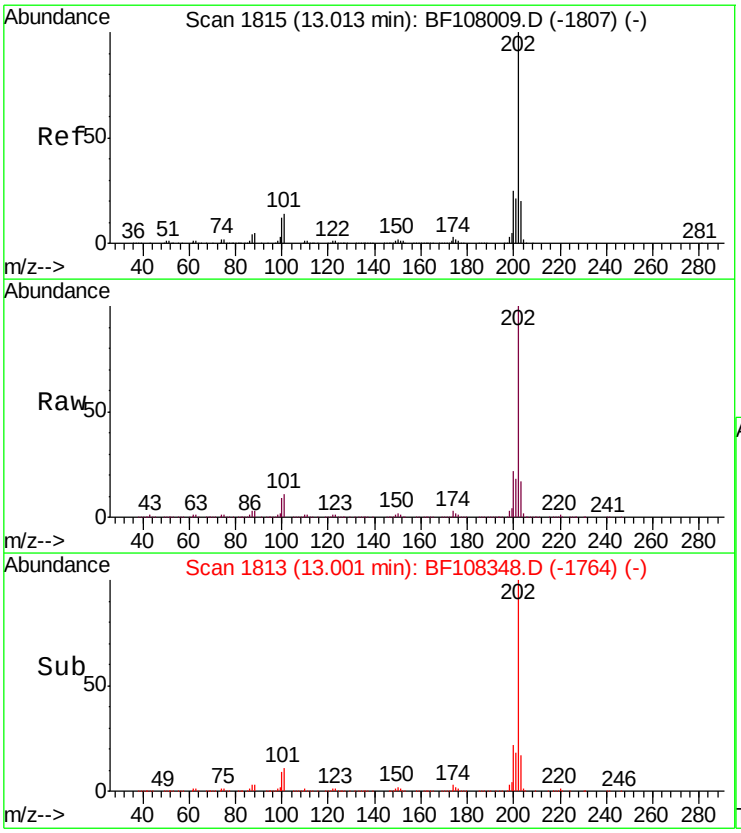
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:240 Resp: 362866

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.5	20.7	31.1

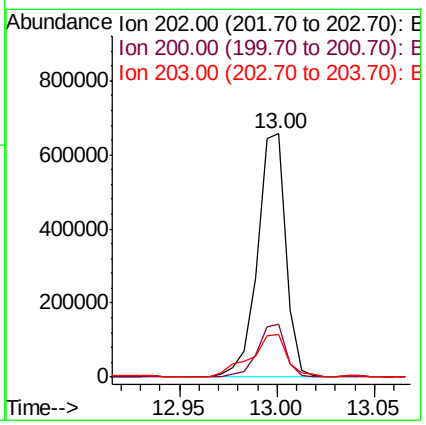


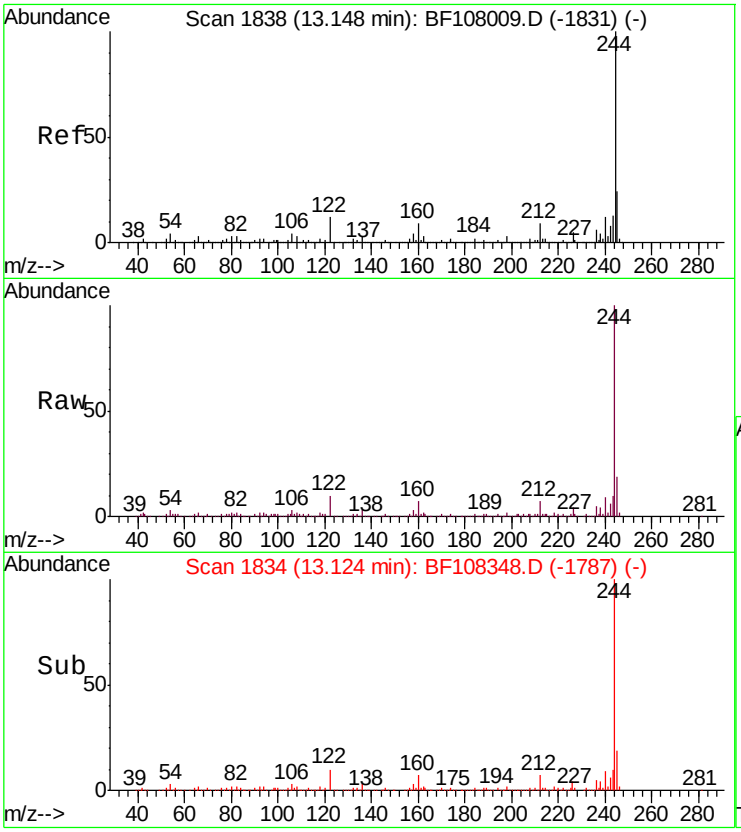


#77
Pyrene
Concen: 28.845 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:202 Resp: 662656

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.3	14.3	21.5



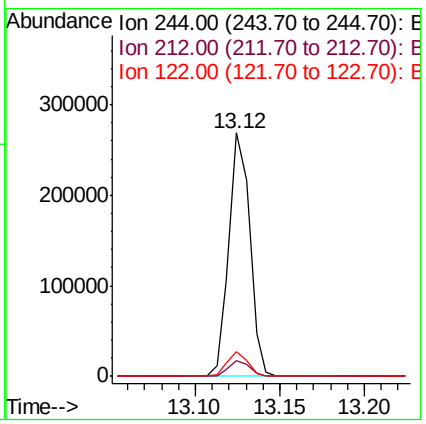


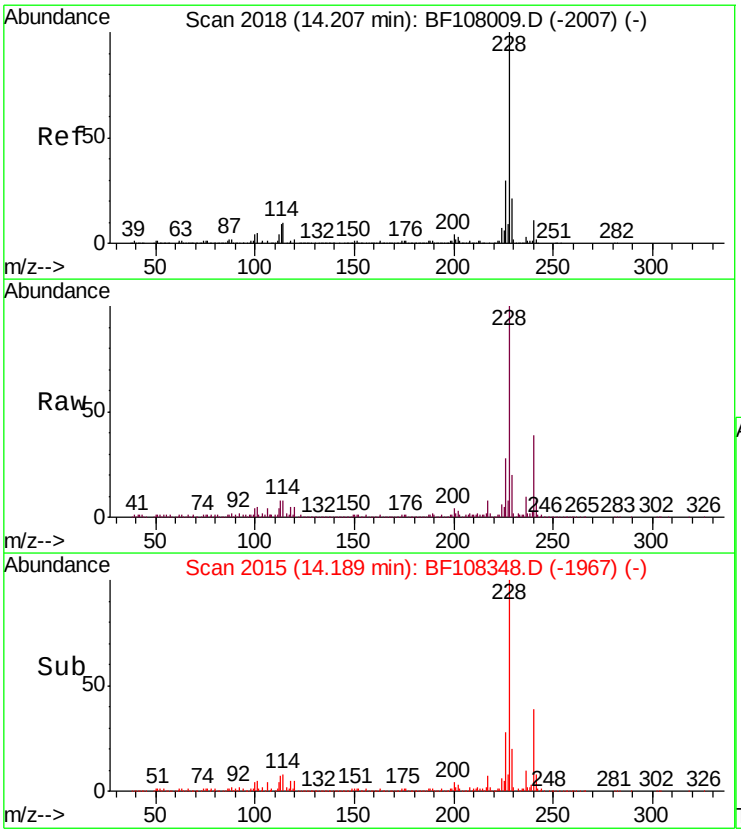
#78
Terphenyl-d14
Concen: 16.257 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:244 Resp: 232011

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	11.0	16.4#

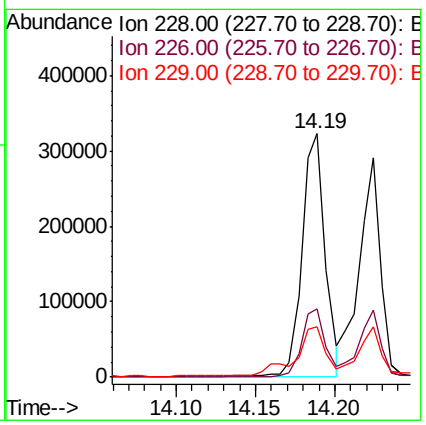


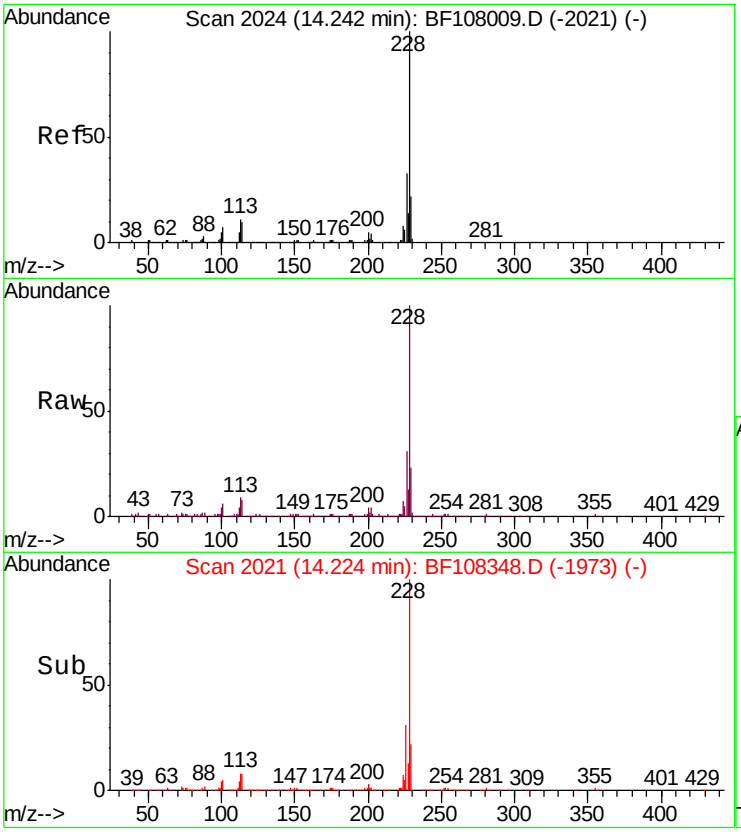


#80
Benzo(a)anthracene
Concen: 15.847 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:228 Resp: 330002

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6



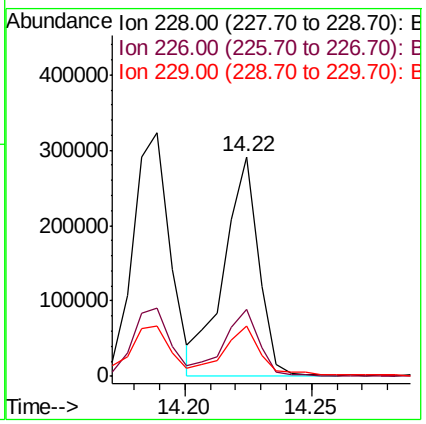


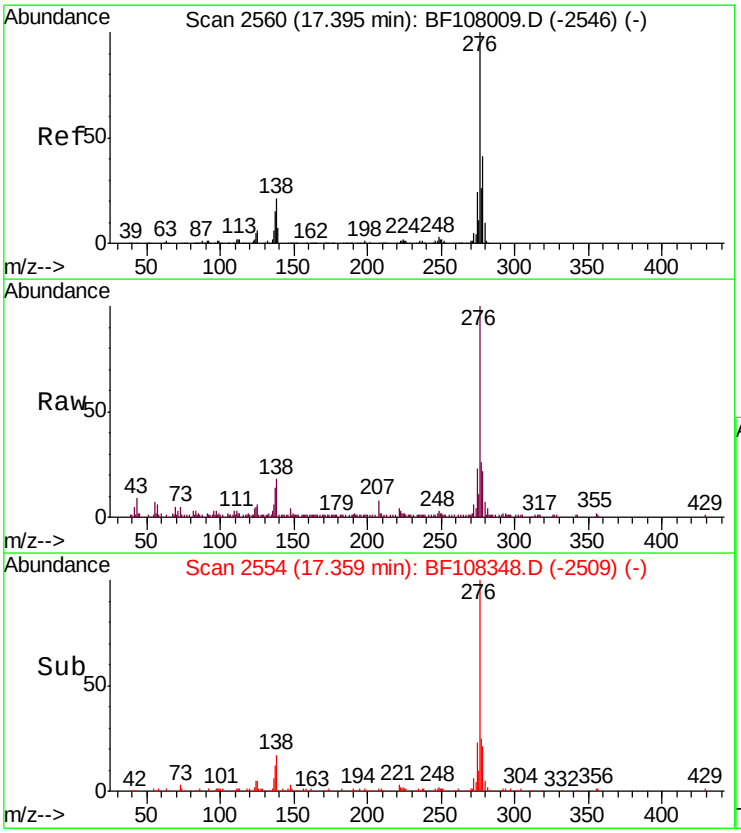
#82
Chrysene
Concen: 14.454 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:228 Resp: 275953

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.9	16.2	24.4

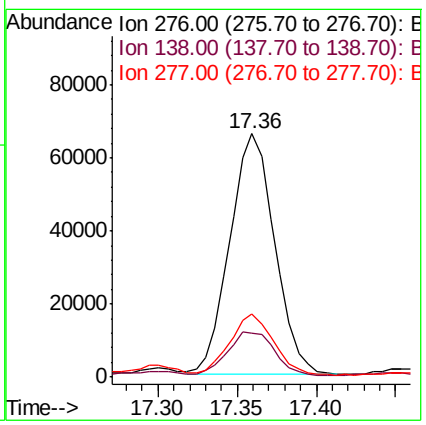


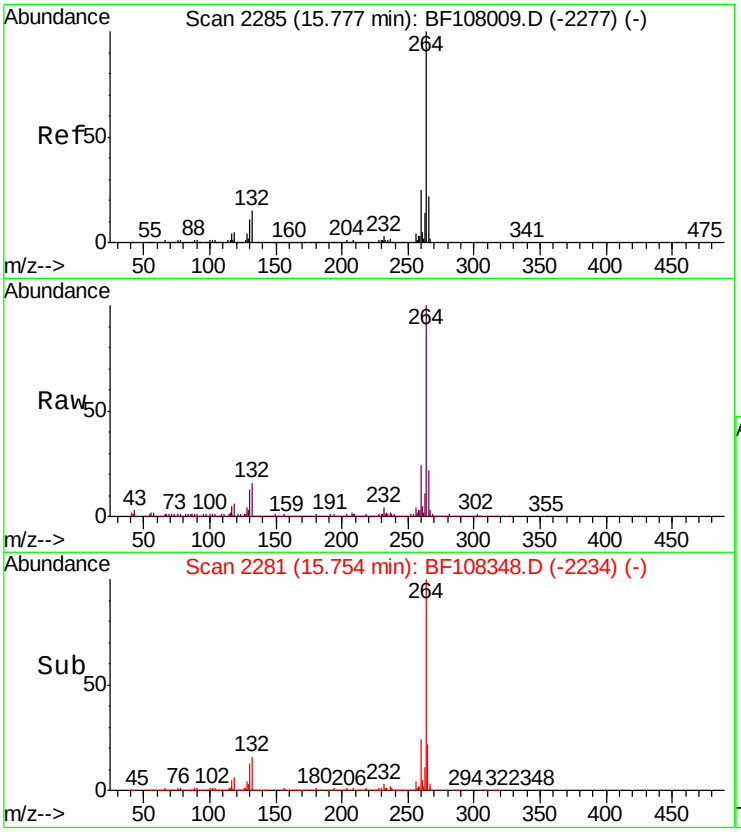


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.862 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.04 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:276 Resp: 130062

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	24.7	20.1	30.1



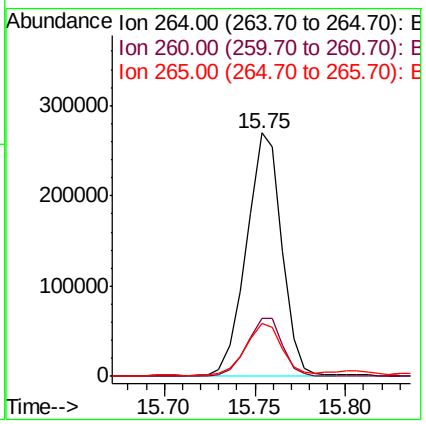


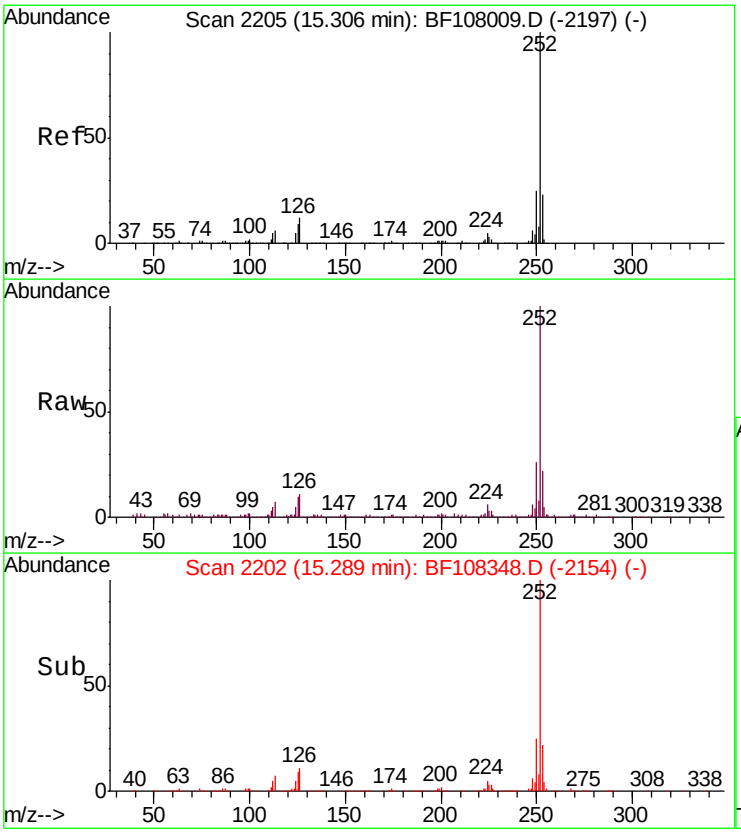
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:264 Resp: 363524

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

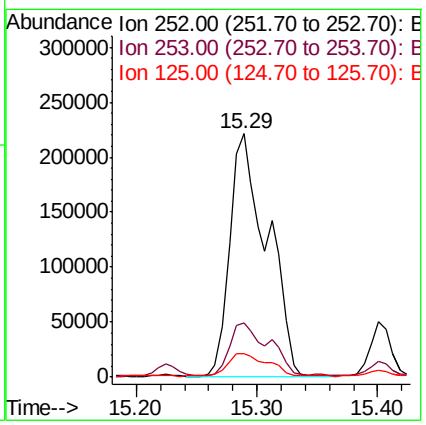


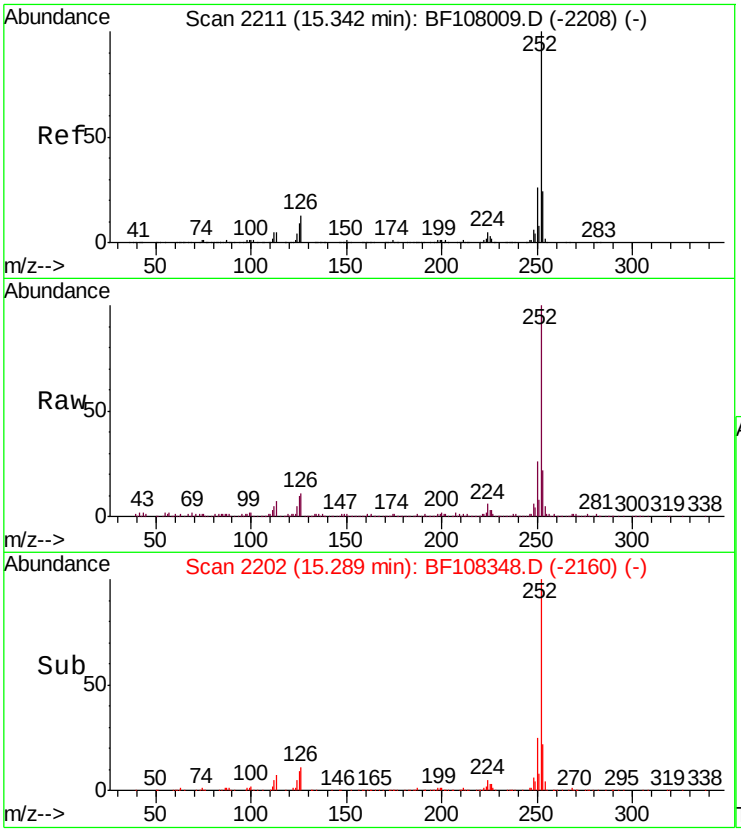


#87
Benzo(b)fluoranthene
Concen: 21.853 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:252 Resp: 474686

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.8	9.0	13.6



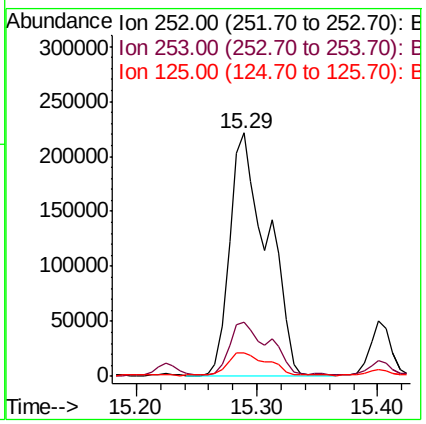


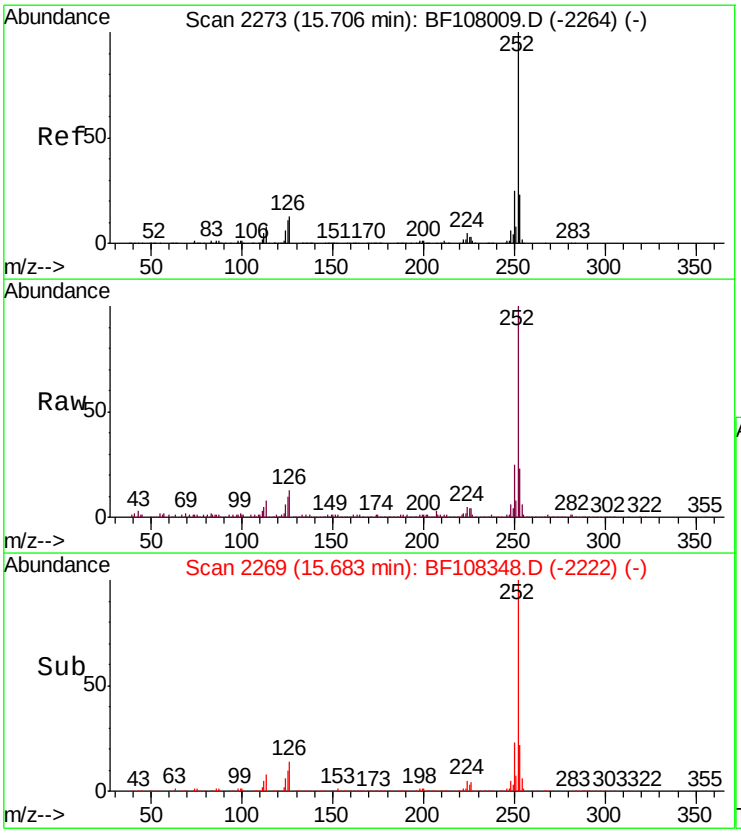
#88
Benzo(k)fluoranthene
Concen: 23.762 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:252 Resp: 474486

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.8	10.2	15.2#

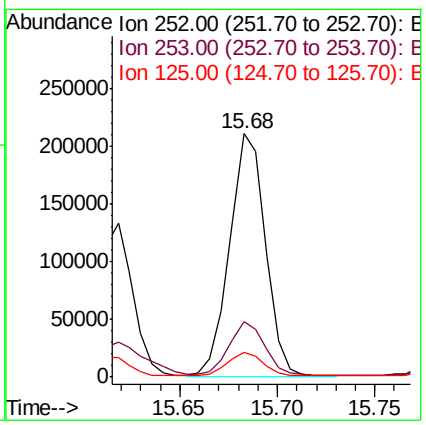


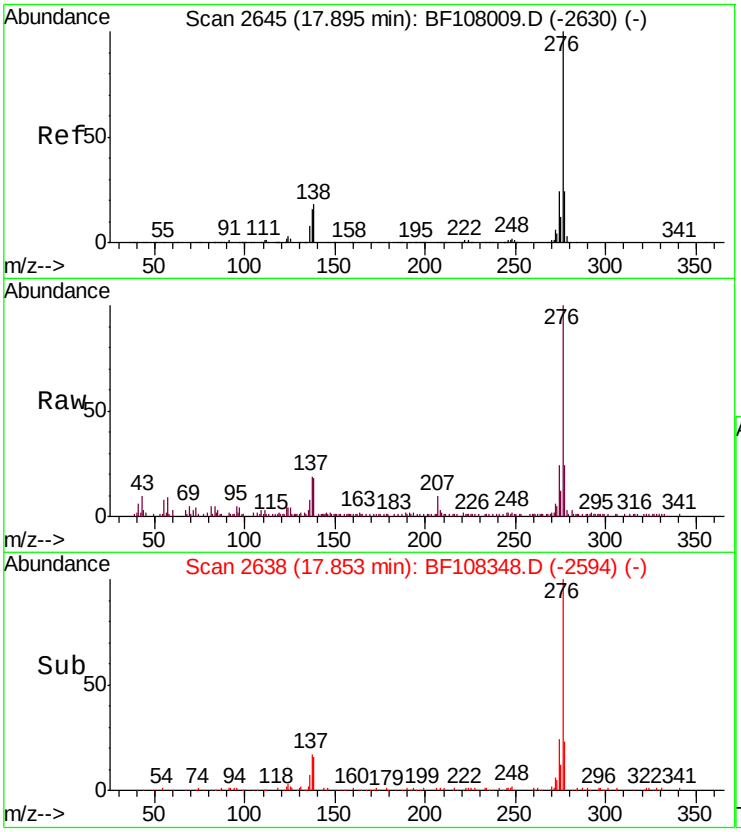


#89
Benzo(a)pyrene
Concen: 13.776 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Tgt Ion:252 Resp: 267968

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.999 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BF108348.D
Acq: 21 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
72-11988DL

Tgt Ion:276 Resp: 110919

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	17.5	21.8	32.8#