Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101859.D
Acq On : 3 Jan 2018 14:56
Operator : SJ/JU
Sample : I6680-23 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 04 00:06:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126692	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	446225	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	160606	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	272918	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	290715	20.00	ng		-0.02
86) Perylene-d12	15.42	264	309548	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	368953	43.38	ng		0.00
7) Phenol-d6	6.42	99	449176	42.43	ng		-0.01
23) Nitrobenzene-d5	7.35	82	270928	33.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	67410	43.56	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	445384	43.02	ng		-0.02
78) Terphenyl-d14	12.87	244	372963	30.93	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	35975	5.175	ng	#	83
25) Isophorone	7.35	82	270928	16.848	ng	#	64
49) Dimethylphthalate	9.53	163	41594	3.220	ng		99
50) 2,6-Dinitrotoluene	9.80	165	20418	7.776	ng	#	26
56) 2,4-Dinitrotoluene	9.80	165	20418	6.902	ng	#	24
74) Fluoranthene	12.52	202	63266	3.971	ng		98
77) Pyrene	12.75	202	69092	3.167	ng		98
80) Benzo(a)anthracene	13.98	228	45958	2.394	ng		92
82) Chrysene	13.98	228	45958	2.536	ng		96
87) Benzo(b)fluoranthene	15.00	252	82041	4.348	ng	#	88
88) Benzo(k)fluoranthene	15.00	252	82041	4.472	ng	#	91
89) Benzo(a)pyrene	15.36	252	44579	2.563	ng	#	85

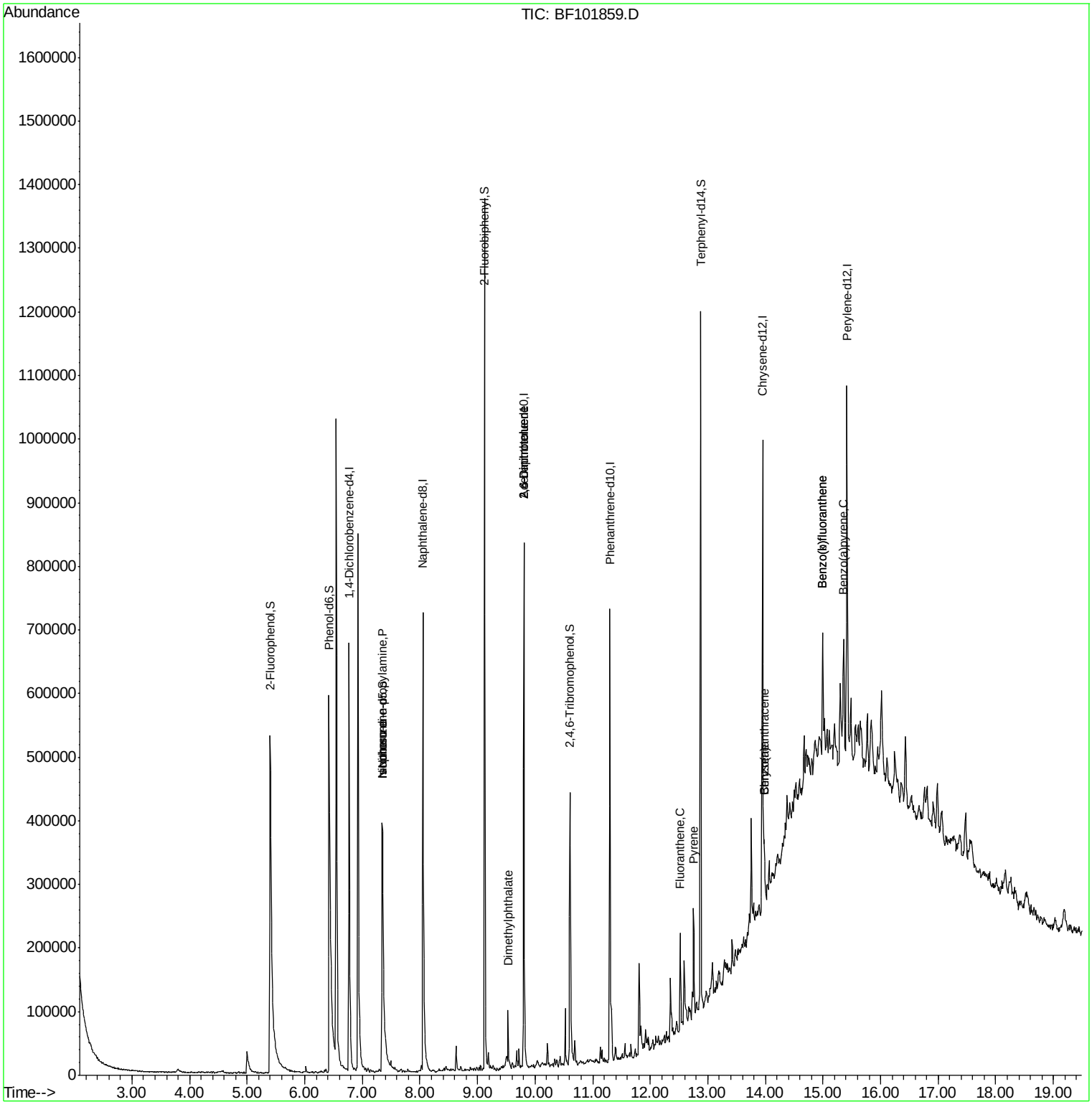
(#) = qualifier out of range (m) = manual integration (+) = signals summed

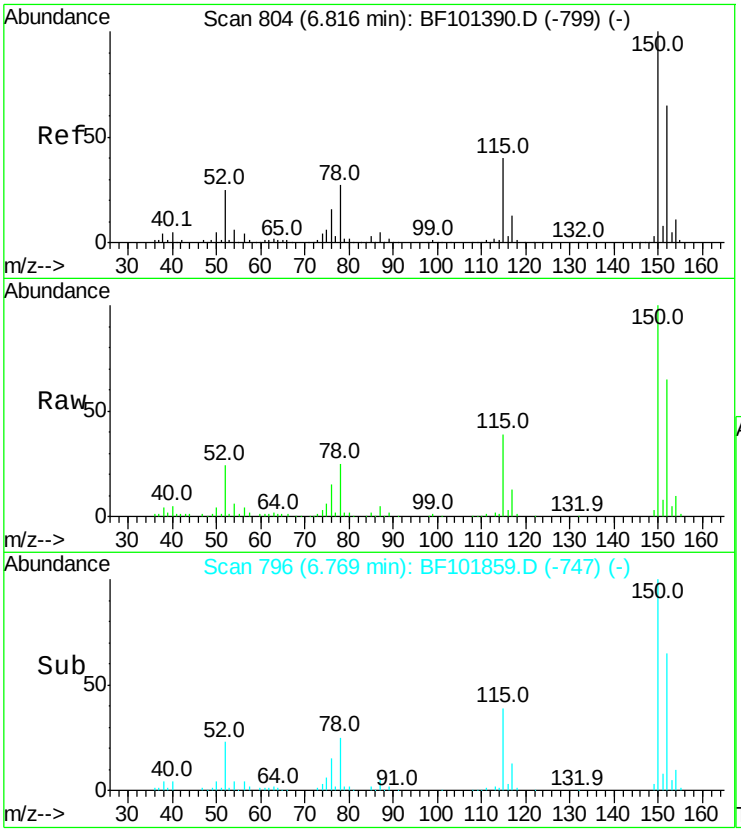
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101859.D
Acq On : 3 Jan 2018 14:56
Operator : SJ/JU
Sample : I6680-23 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 04 00:06:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



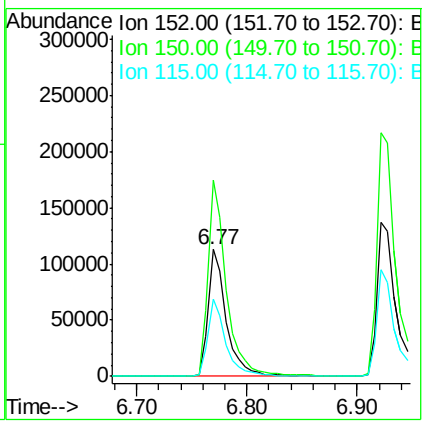


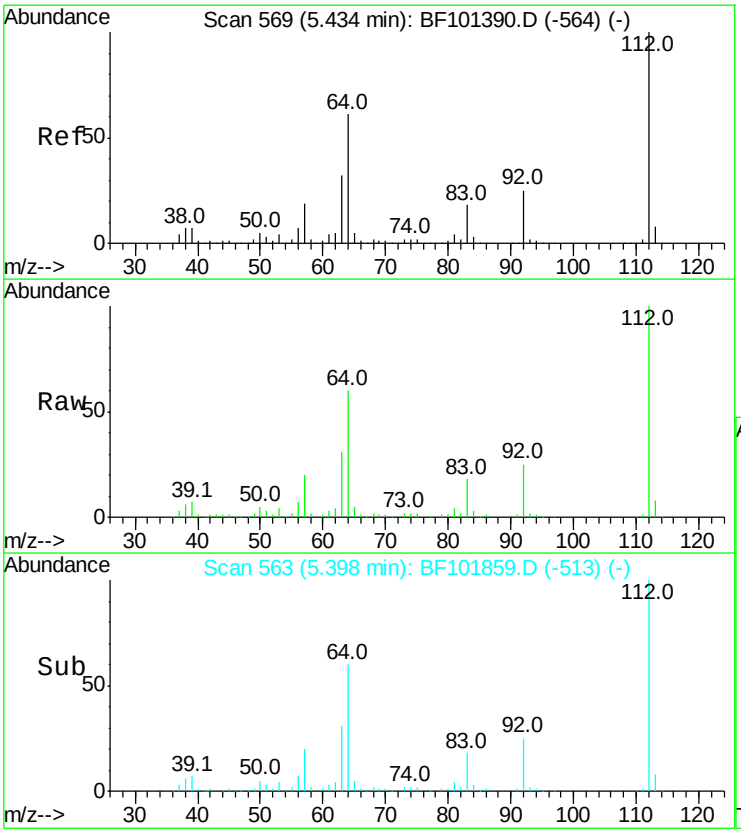
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126692

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.8	50.1	75.1

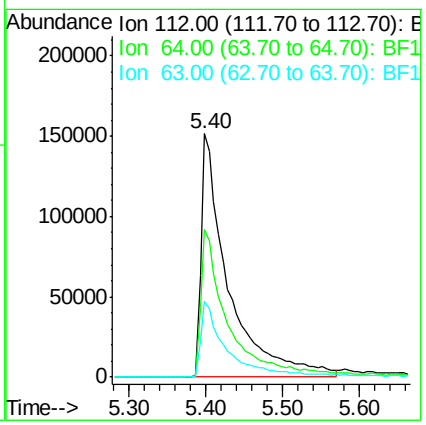


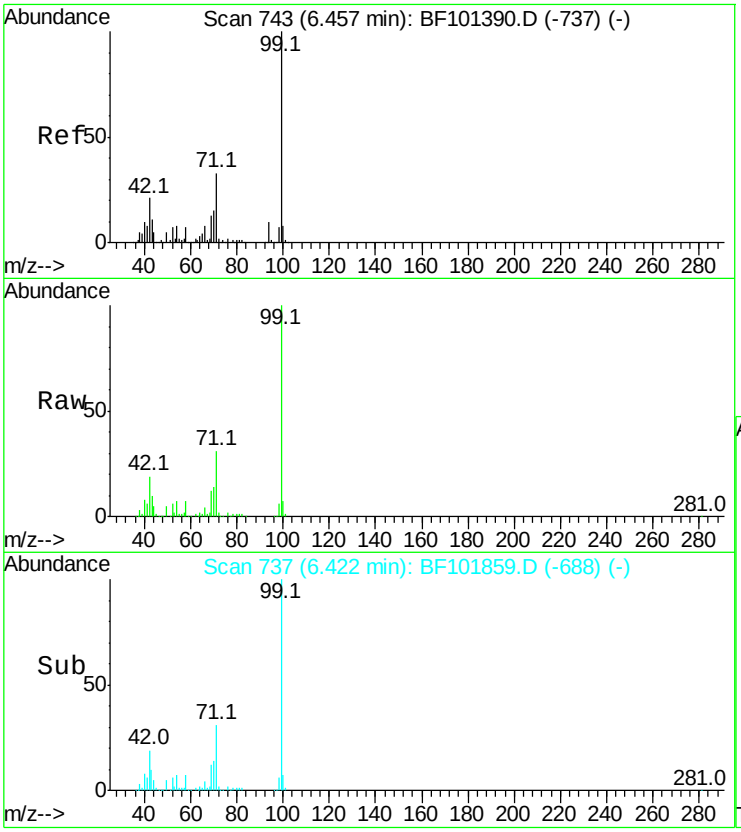


#5
2-Fluorophenol
Concen: 43.380 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:112 Resp: 368953

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.0	23.7	35.5



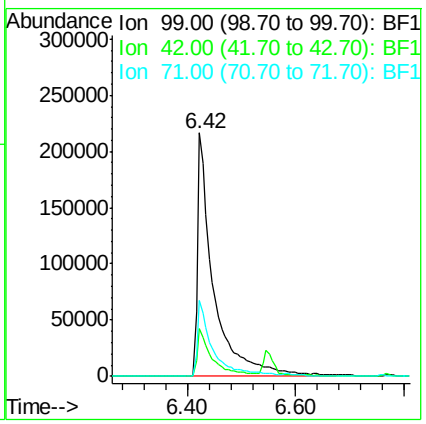


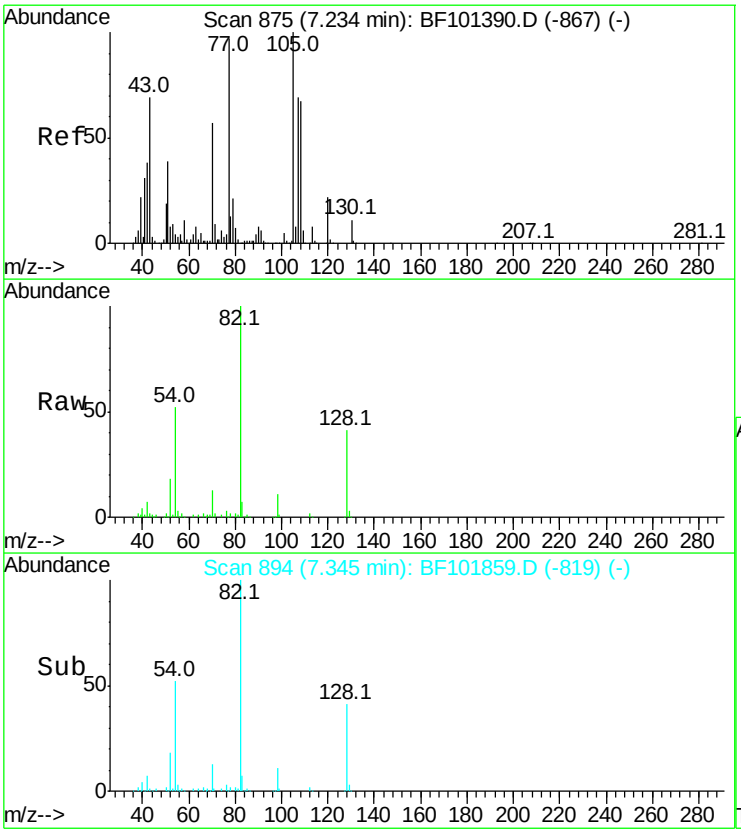
#7
Phenol-d6
Concen: 42.435 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 449176

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	31.1	25.4	38.0

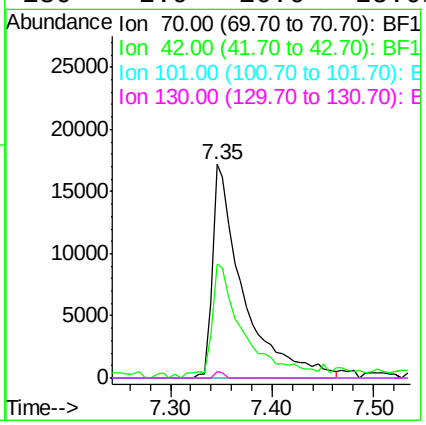


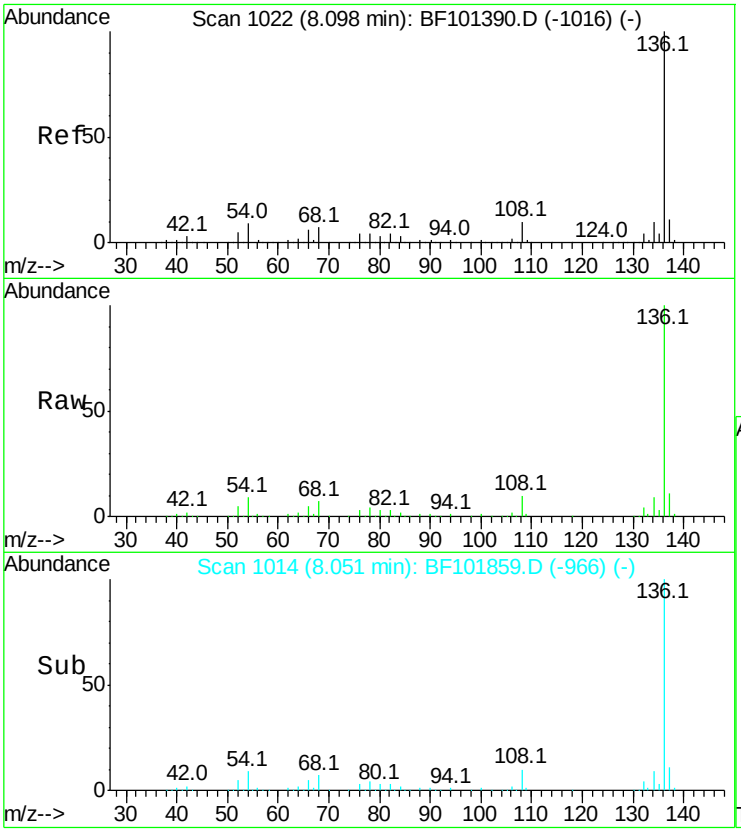


#19
n-Nitroso-di-n-propylamine
Concen: 5.175 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion: 70 Resp: 35975

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



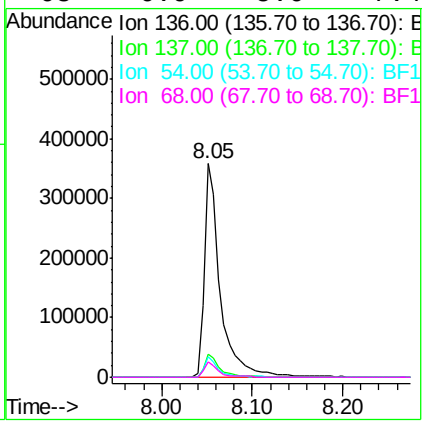


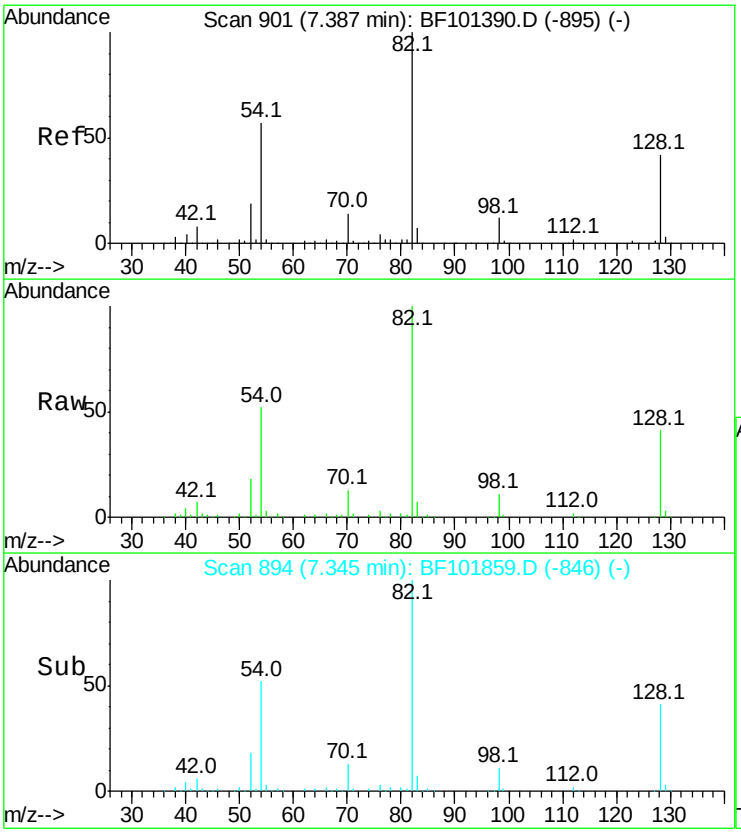
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446225

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.9	5.0	7.4

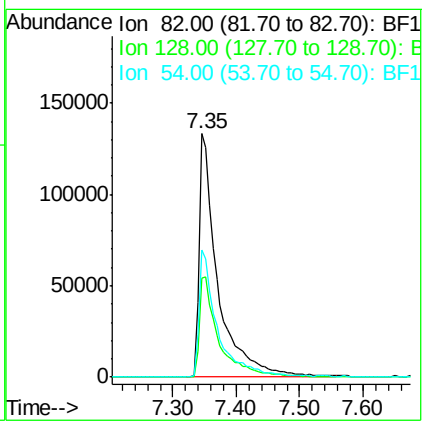


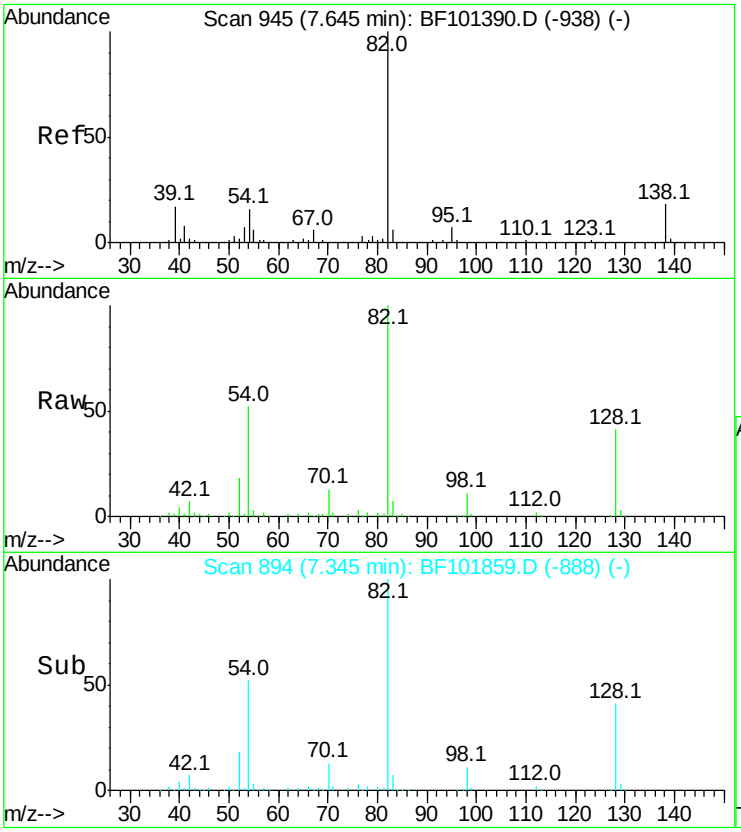


#23
Nitrobenzene-d5
Concen: 33.798 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion: 82 Resp: 270928

Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	52.5	41.4	62.2



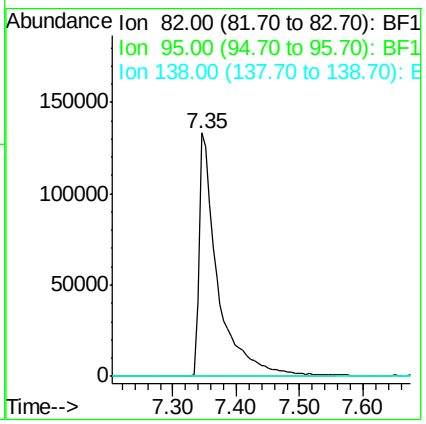


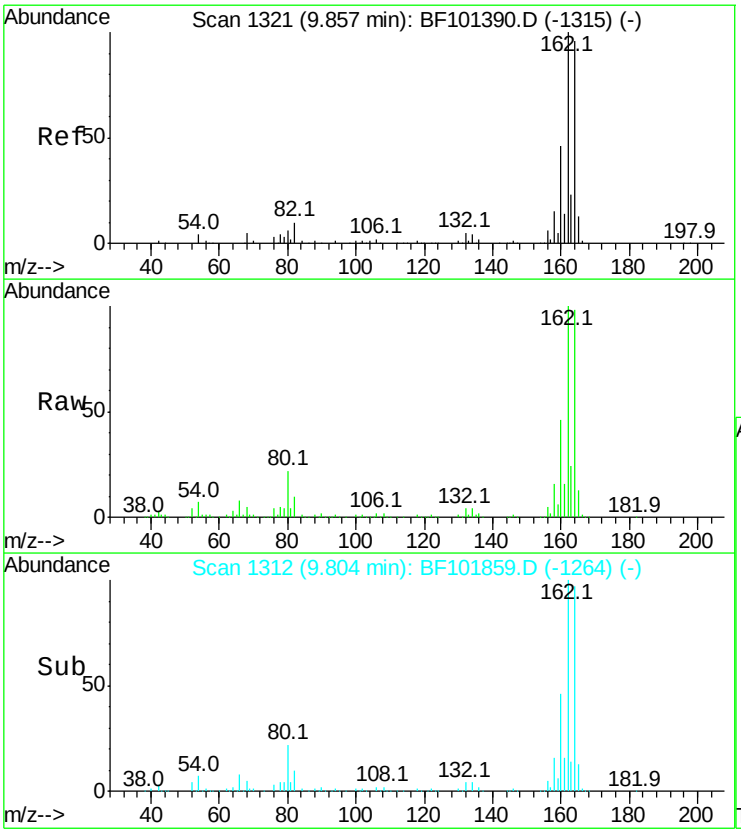
#25
Isophorone
Concen: 16.848 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion: 82 Resp: 270928

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

Instrument :
BNA_F
ClientSampleId :

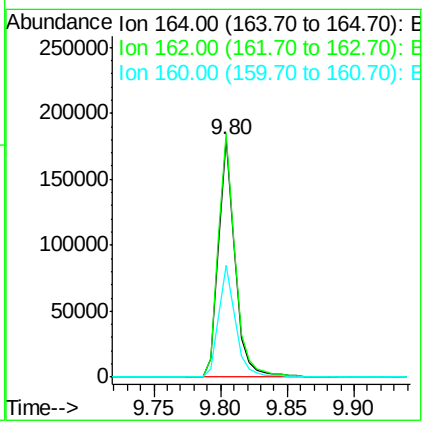


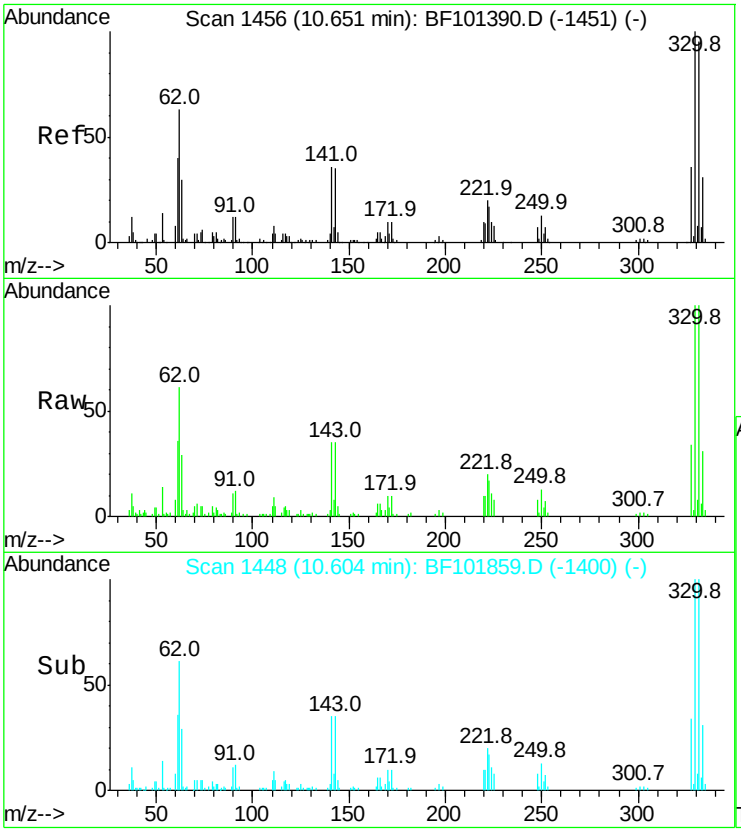


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:164 Resp: 160606

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.9	38.3	57.5



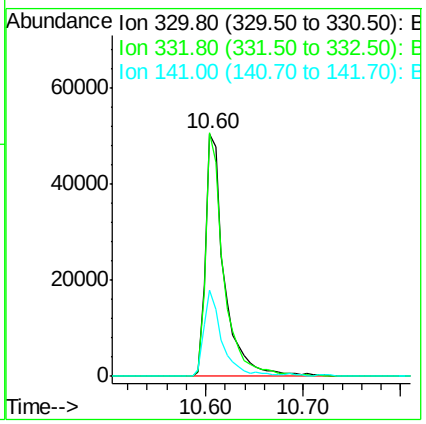


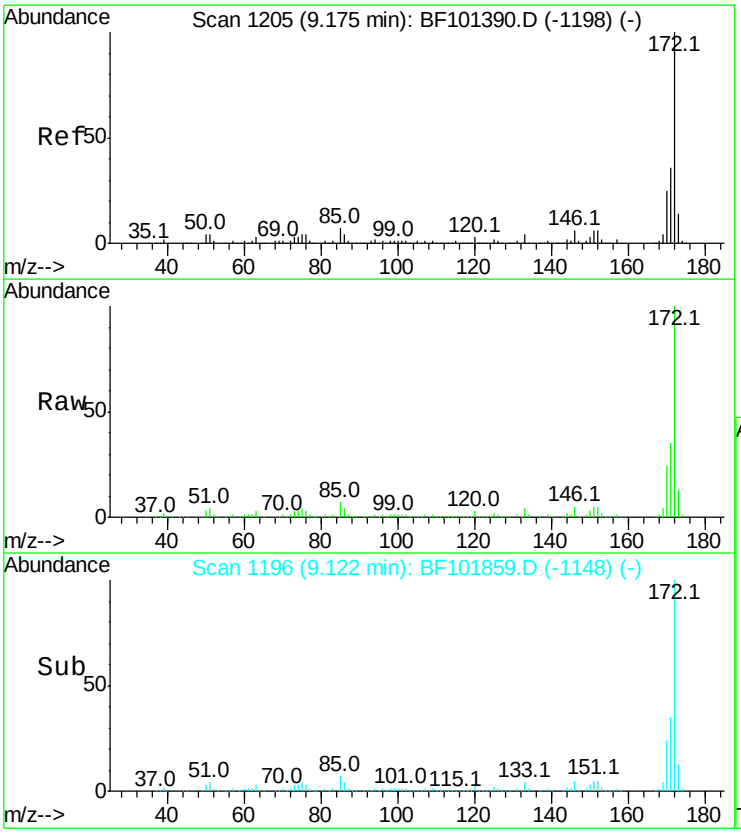
#41
2,4,6-Tribromophenol
Concen: 43.559 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 67410

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.6	29.9	44.9

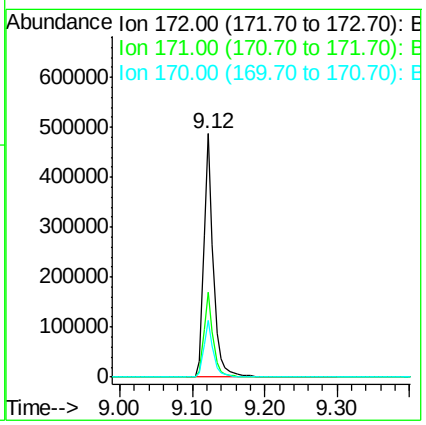


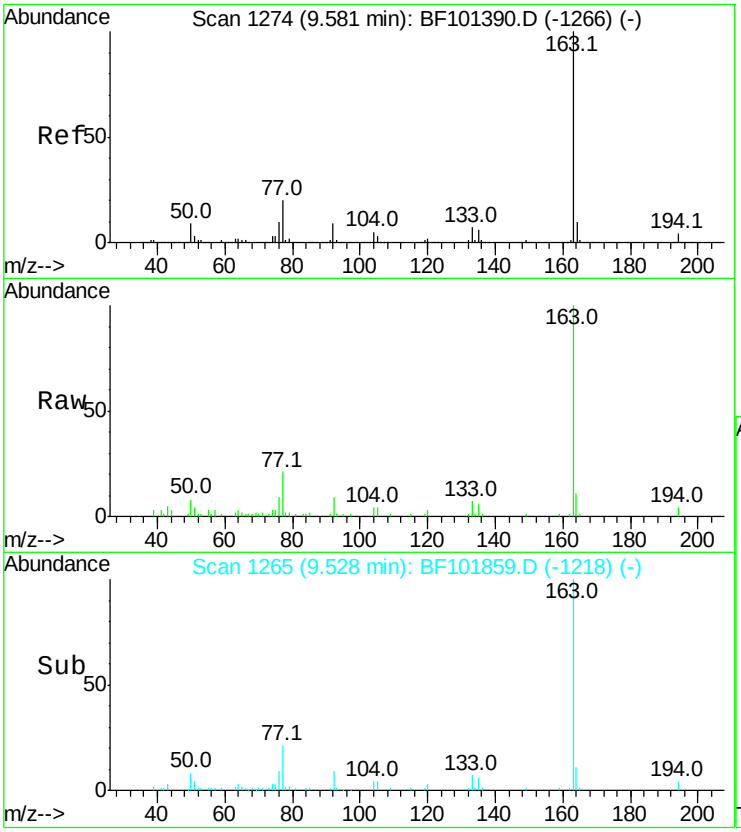


#44
2-Fluorobiphenyl
Concen: 43.018 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:172 Resp: 445384

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4



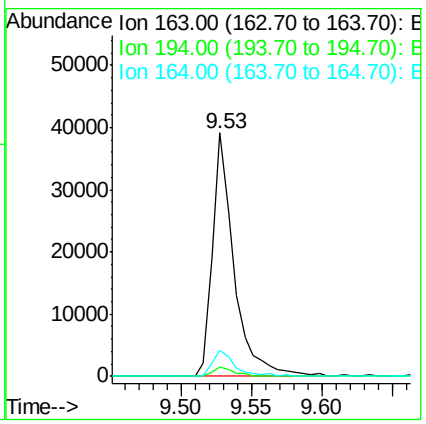


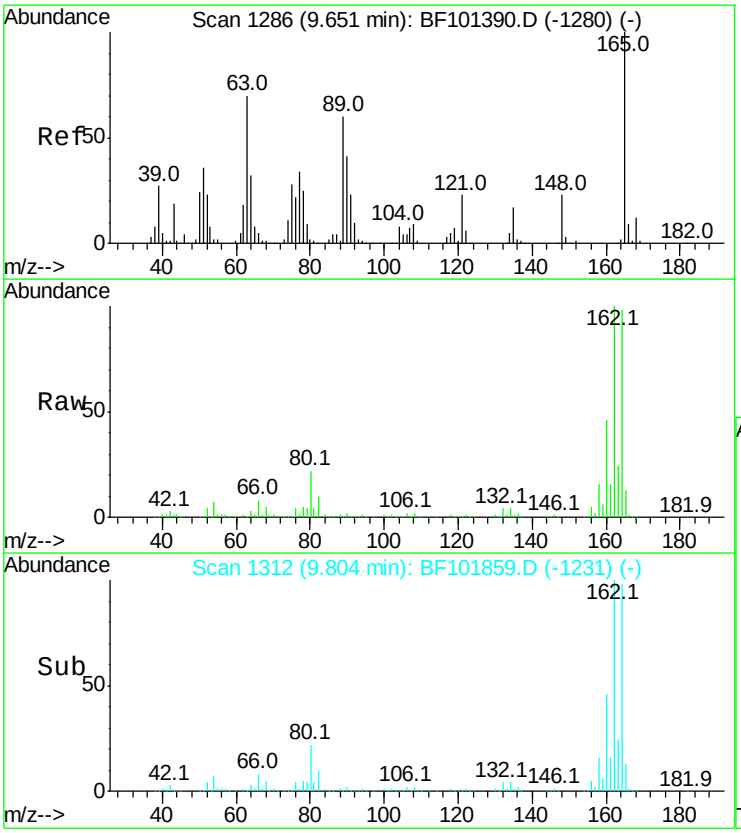
#49
Dimethylphthalate
Concen: 3.220 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 41594

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2

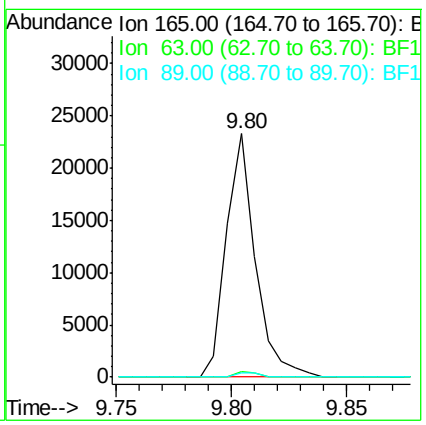


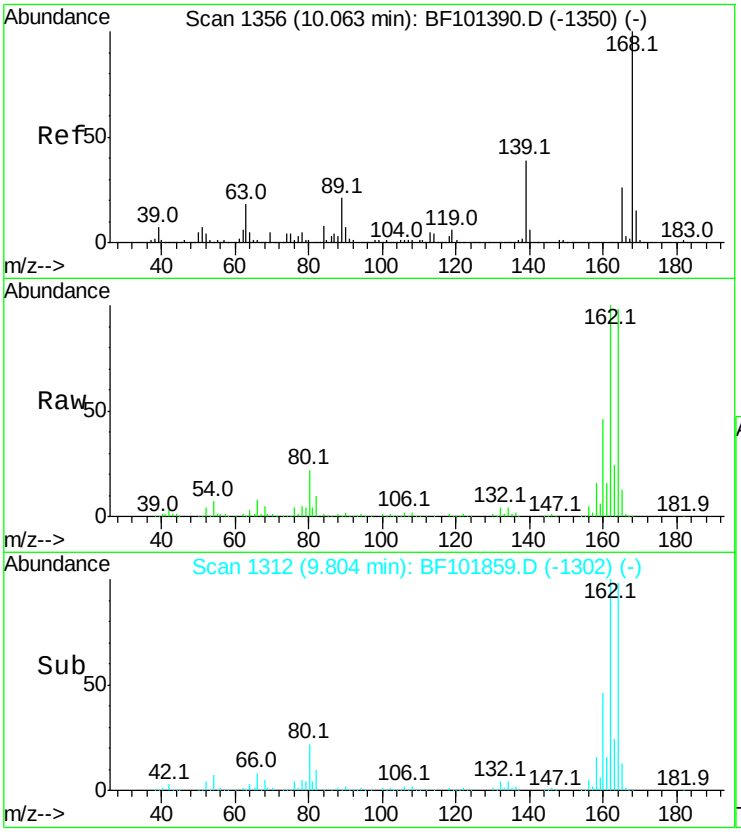


#50
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.18 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:165 Resp: 20418

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.7	44.0	66.0#



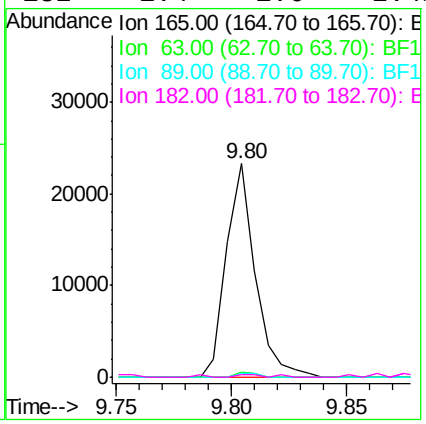


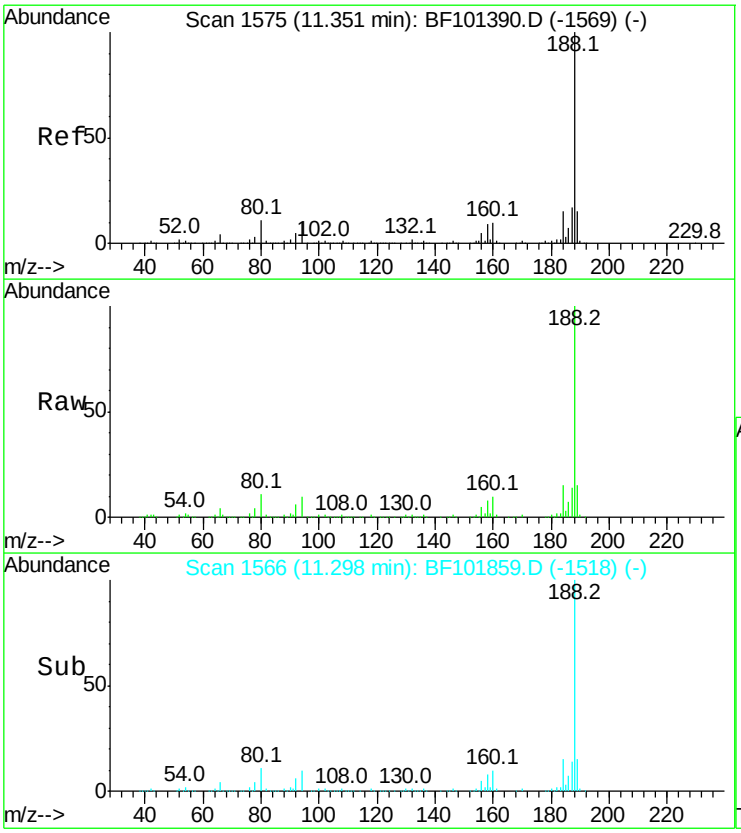
#56
2,4-Dinitrotoluene
Concen: 6.902 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20418

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.7	57.8	86.6#
182	1.4	1.6	2.4#

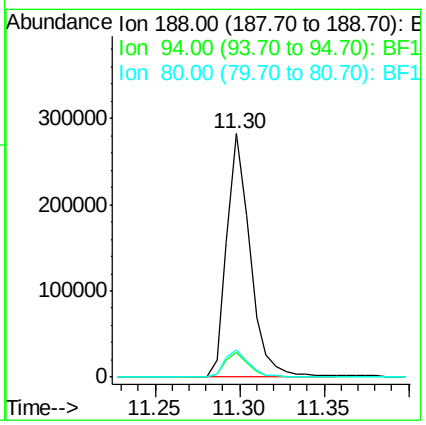


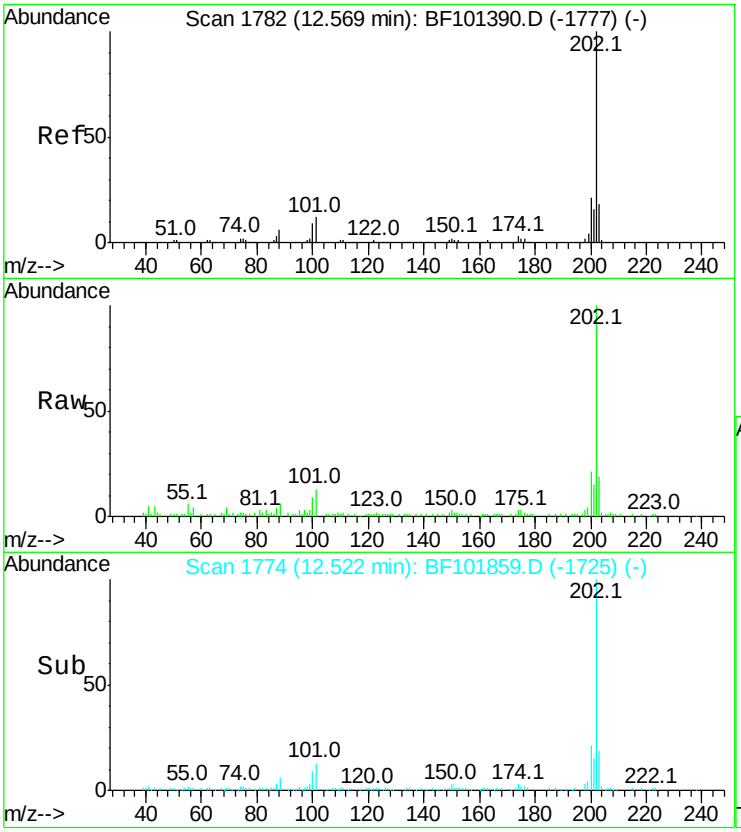


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:188 Resp: 272918

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8



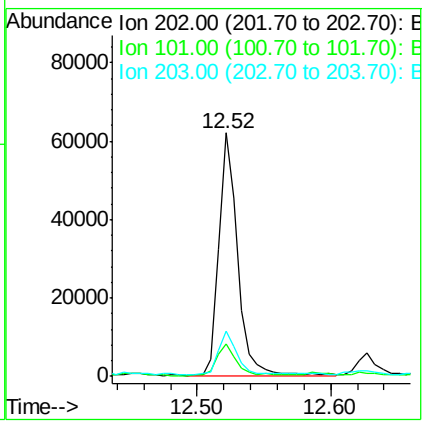


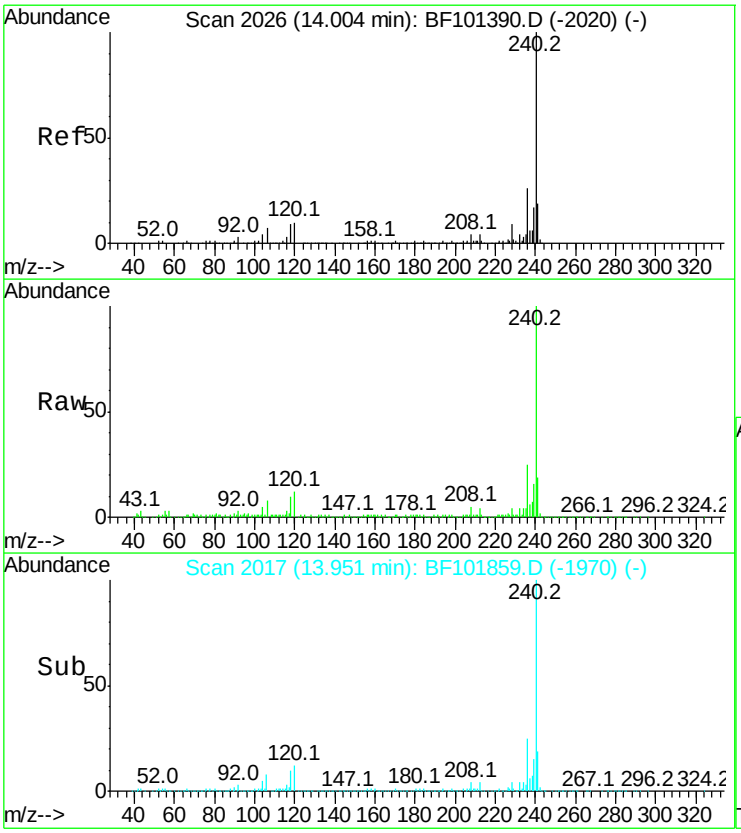
#74
Fluoranthene
Concen: 3.971 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 63266

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	18.8	0.0	38.1

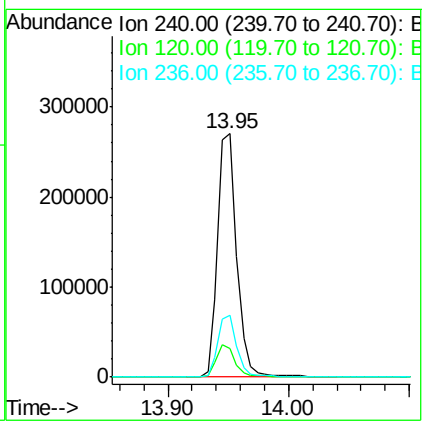


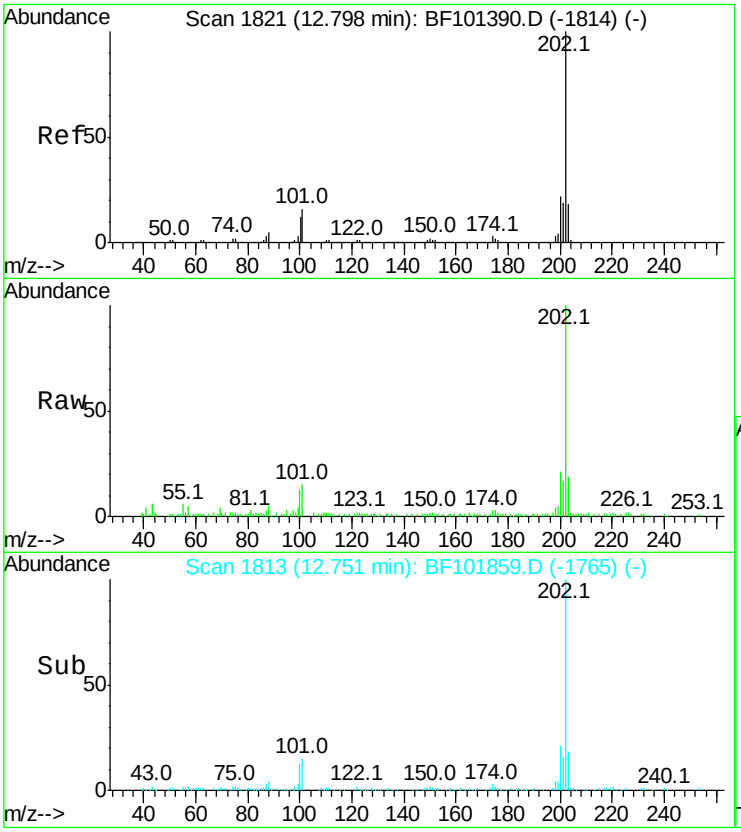


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:240 Resp: 290715

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.2	20.7	31.1



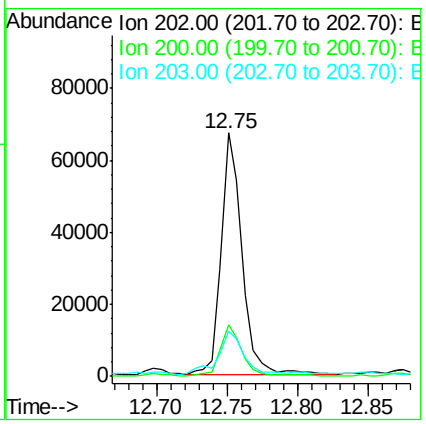


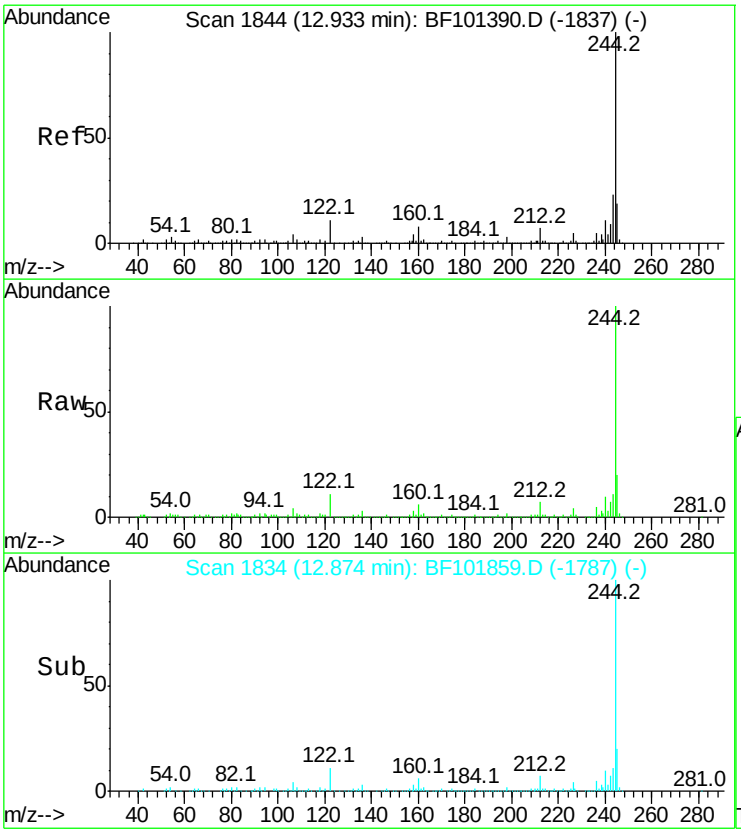
#77
Pyrene
Concen: 3.167 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 69092

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.6	14.3	21.5

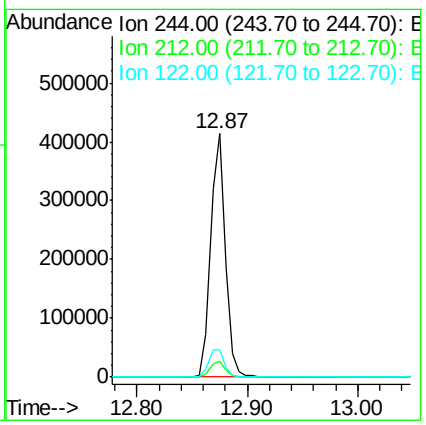


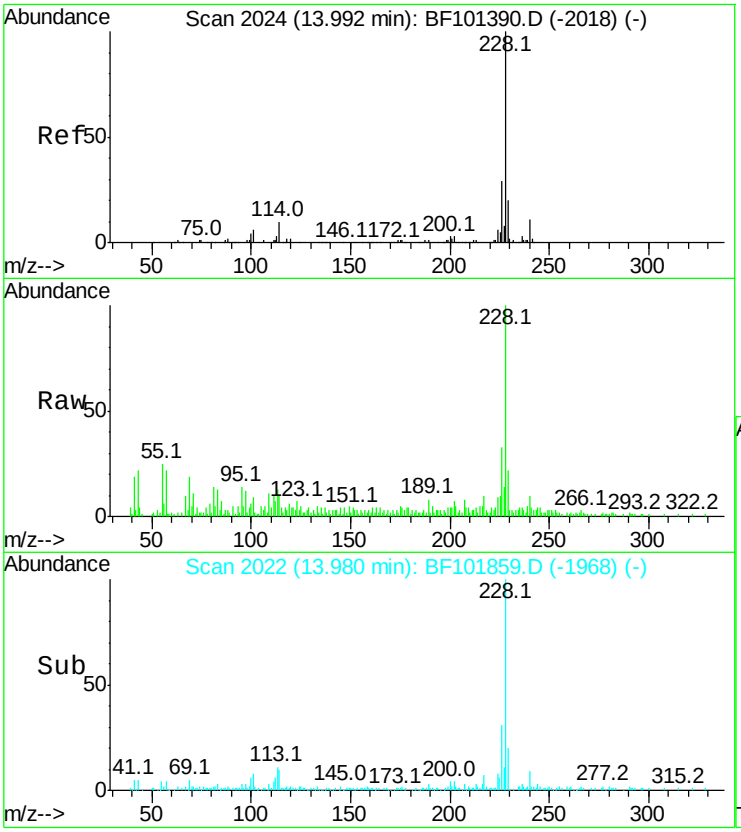


#78
Terphenyl-d14
Concen: 30.928 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:244 Resp: 372963

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	11.0	16.4



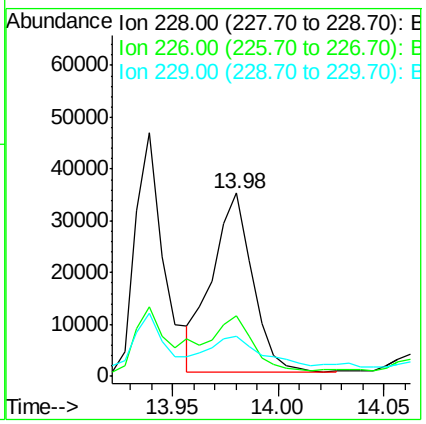


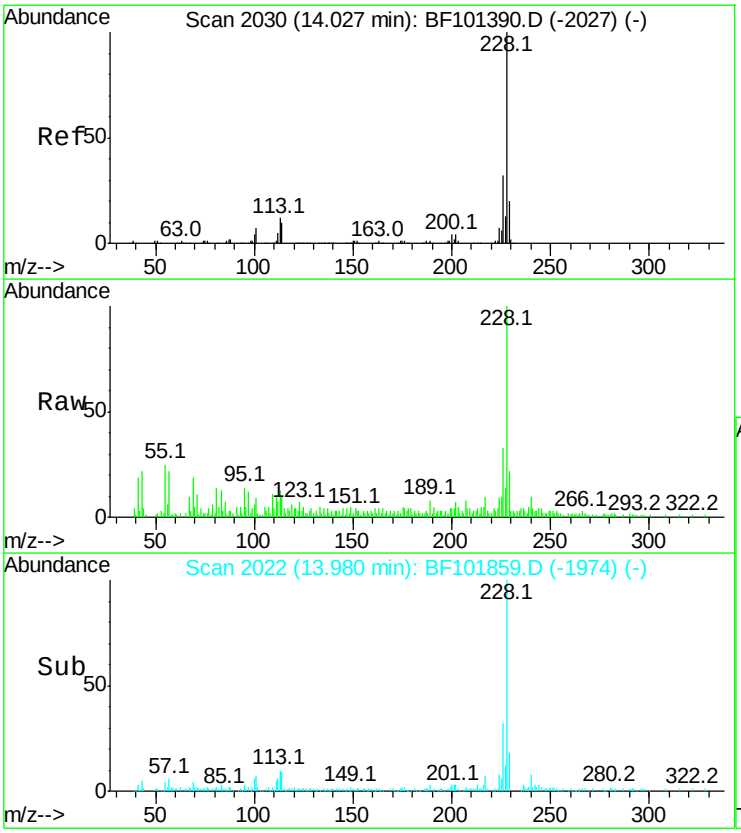
#80
Benzo(a)anthracene
Concen: 2.394 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45958

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	22.2	15.8	23.6

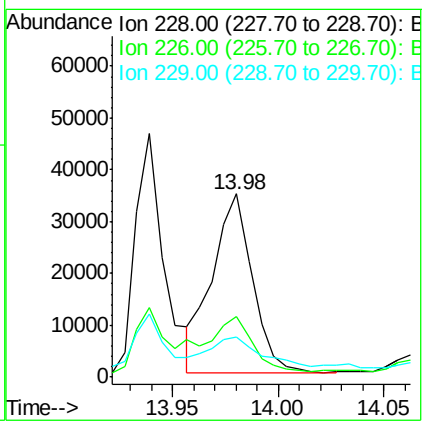


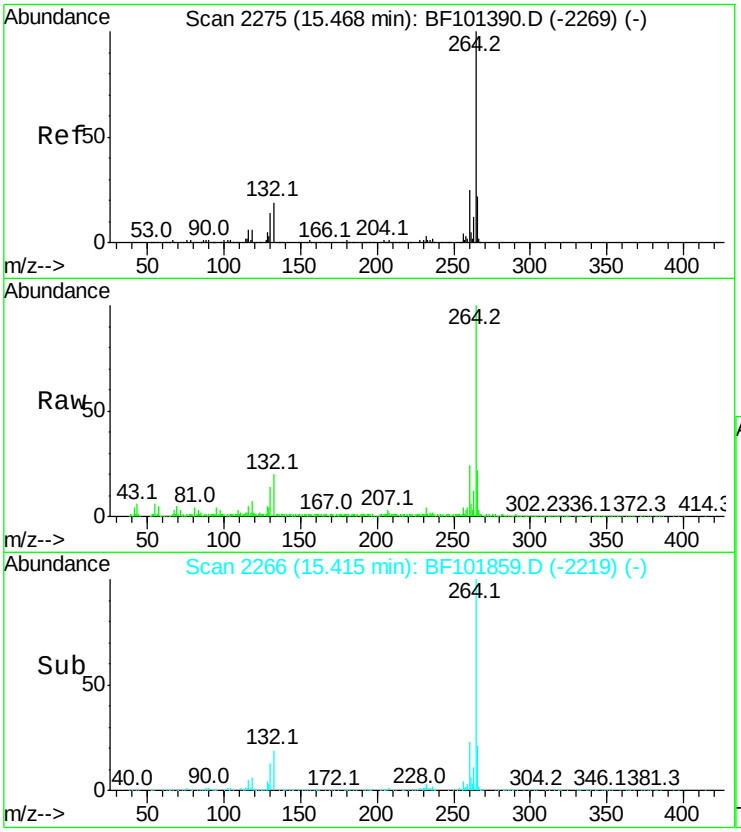


#82
Chrysene
Concen: 2.536 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:228 Resp: 45958

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	22.2	16.2	24.4



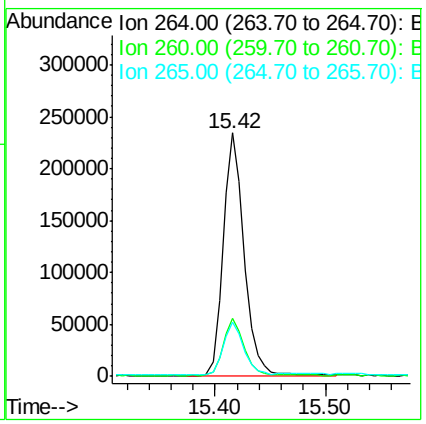


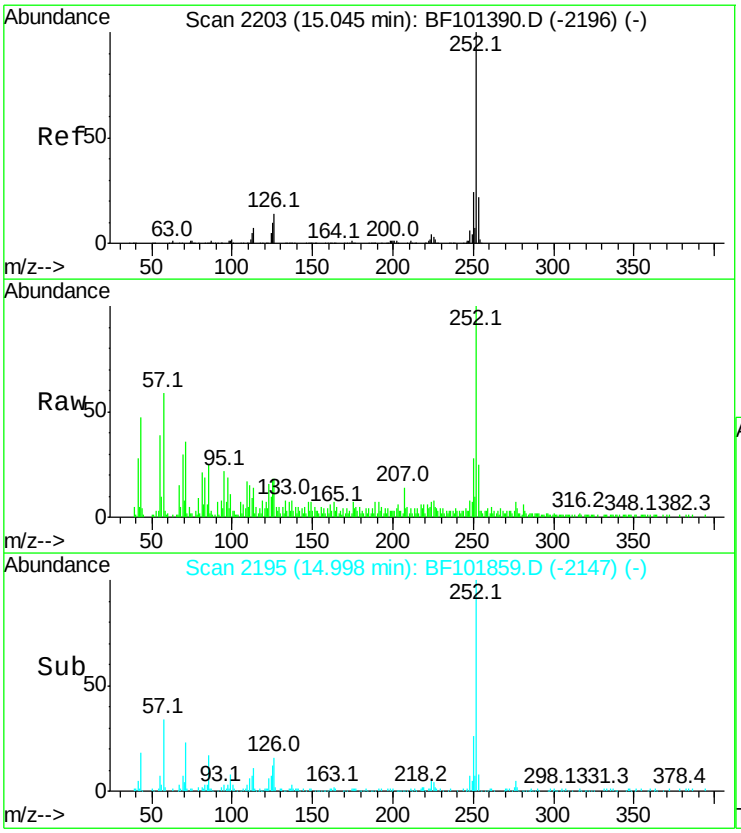
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 309548

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

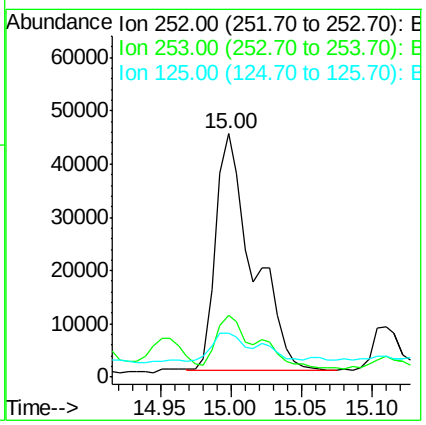


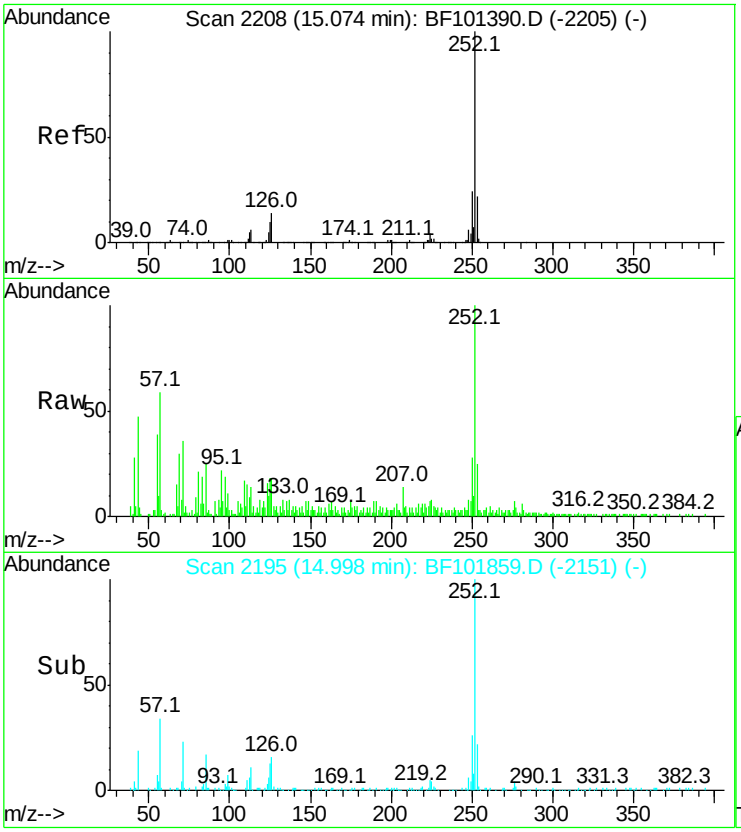


#87
Benzo(b)fluoranthene
Concen: 4.348 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:252 Resp: 82041

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	18.1	9.0	13.6#



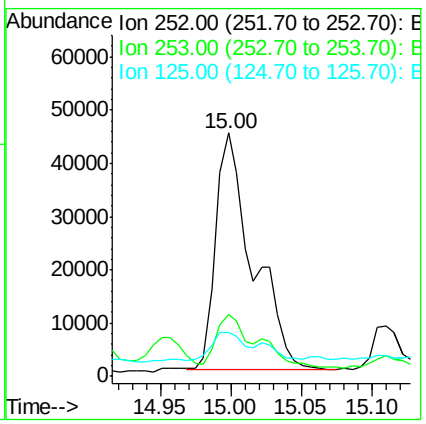


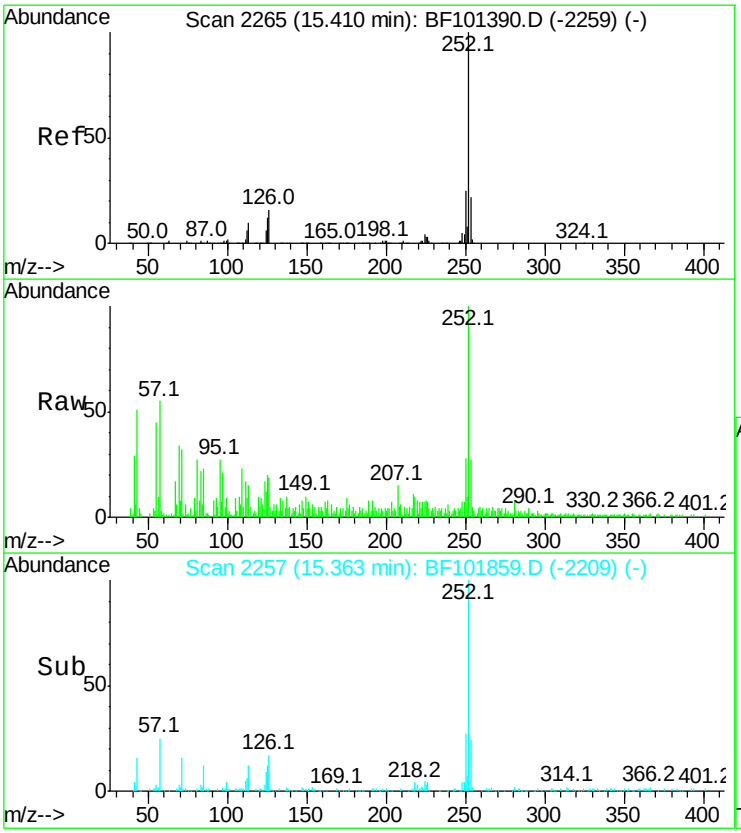
#88
Benzo(k)fluoranthene
Concen: 4.472 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 82041

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	18.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.563 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF101859.D
Acq: 3 Jan 2018 14:56

Tgt Ion:252 Resp: 44579

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.1	25.7#
125	20.4	9.8	14.6#