Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
Data File : BF112593.D
Acq On : 15 Feb 2019 21:54
Operator : JU/SJ
Sample : K1484-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-3-S

Quant Time: Feb 15 23:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	97764	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	388669	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	182508	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	304754	20.00	ng		0.00
76) Chrysene-d12	14.01	240	238250	20.00	ng		0.00
87) Perylene-d12	15.50	264	173434	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	252552	54.87	ng		-0.01
7) Phenol-d6	6.48	99	318635	49.82	ng		-0.01
23) Nitrobenzene-d5	7.39	82	204167	30.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	87517	41.20	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	435165	33.72	ng		-0.02
79) Terphenyl-d14	12.94	244	343308	27.14	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	28293	6.416	ng	#	77
25) Isophorone	7.39	82	204165	19.293	ng	#	63
51) 2,6-Dinitrotoluene	9.87	165	23959	7.544	ng	#	33
57) 2,4-Dinitrotoluene	9.87	165	23959	5.926	ng	#	30
75) Fluoranthene	12.58	202	57228	3.368	ng		95
78) Pyrene	12.81	202	50752	3.077	ng		100
81) Benzo(a)anthracene	14.00	228	31637	2.259	ng		97
83) Chrysene	14.00	228	31637	2.366	ng		94
88) Benzo(b)fluoranthene	15.06	252	42882	4.134	ng	#	82
89) Benzo(k)fluoranthene	15.06	252	42882	4.316	ng	#	82
90) Benzo(a)pyrene	15.43	252	20806	2.229	ng	#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
Data File : BF112593.D
Acq On : 15 Feb 2019 21:54
Operator : JU/SJ
Sample : K1484-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-3-S

Quant Time: Feb 15 23:46:26 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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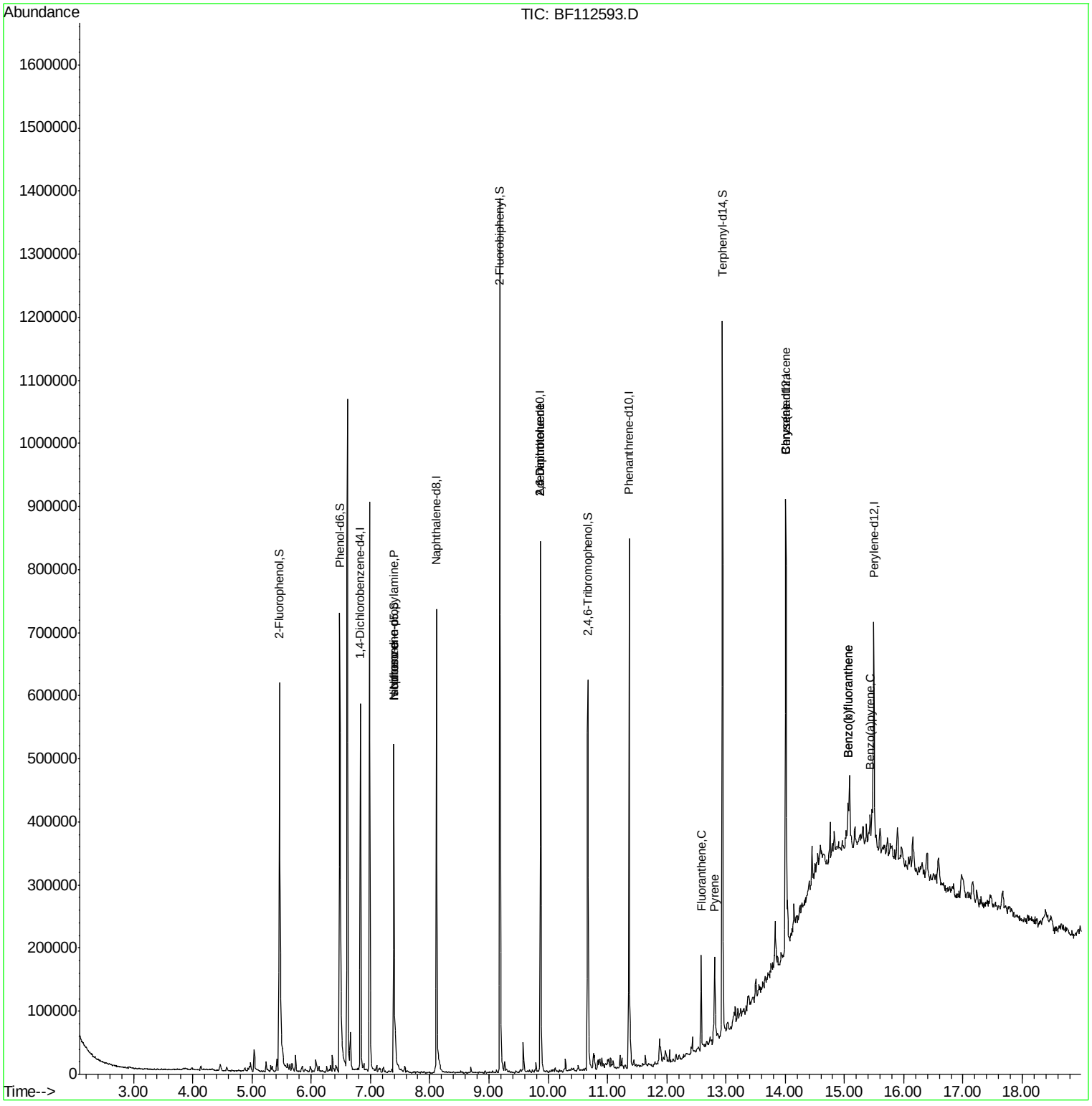
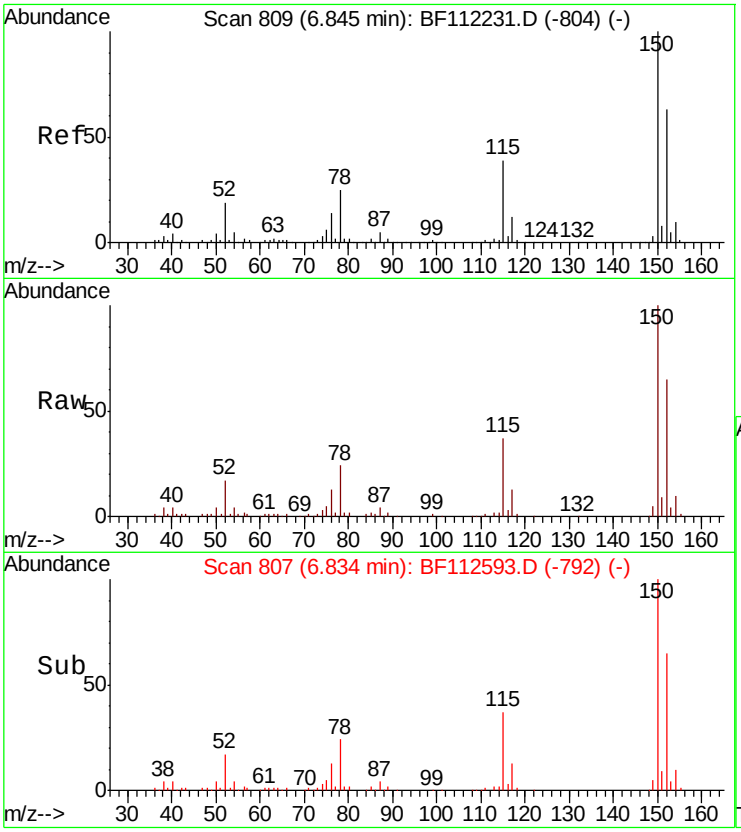


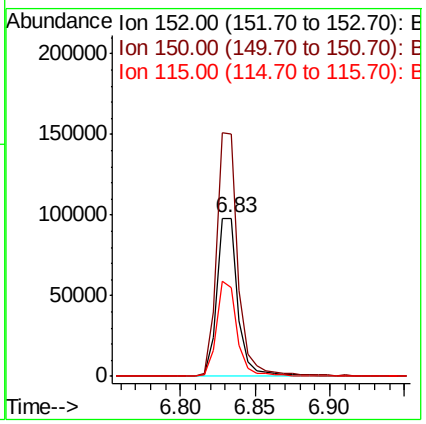


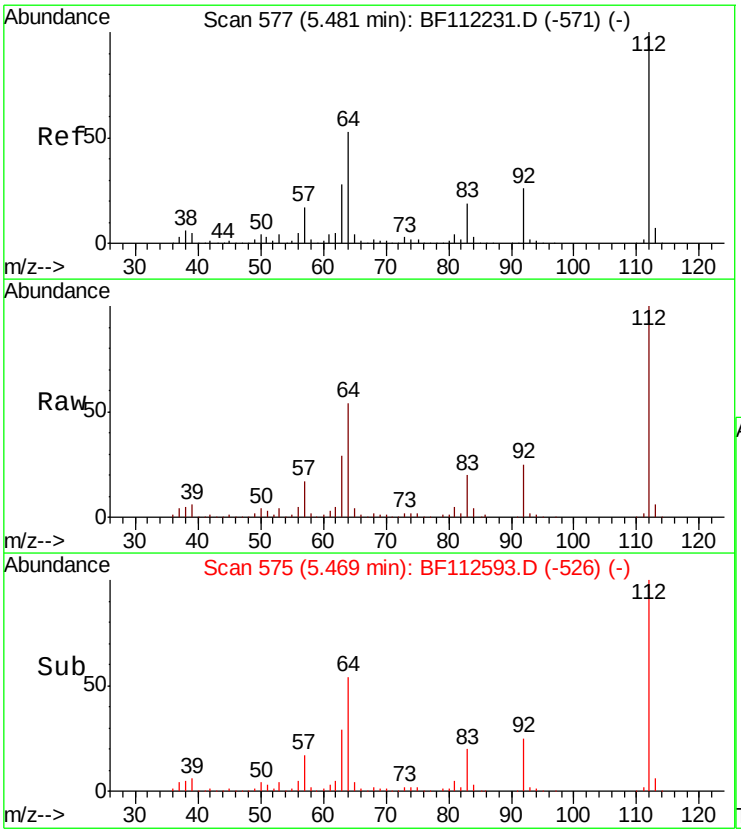
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:152 Resp: 97764

Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.4	191.0
115	56.6	45.5	68.3

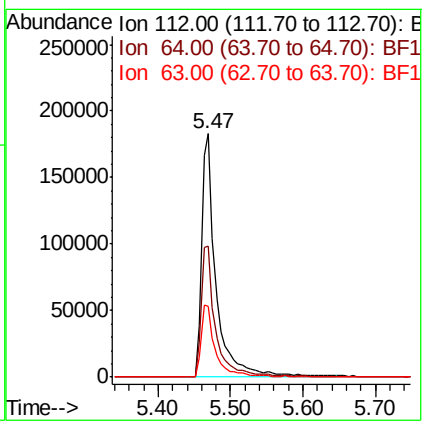


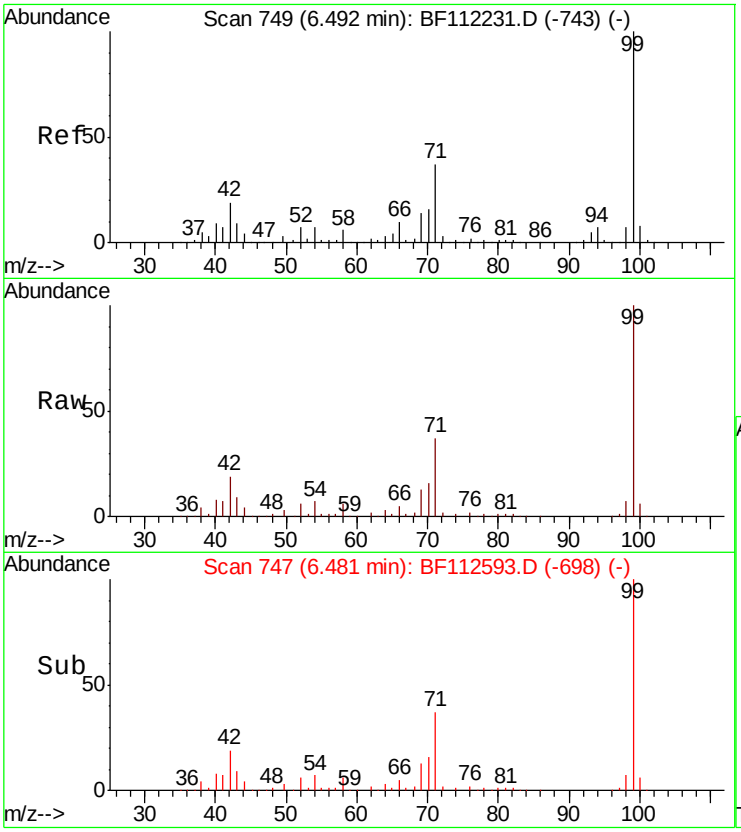


#5
2-Fluorophenol
Concen: 54.871 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:112 Resp: 252552

Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	29.2	23.6	35.4



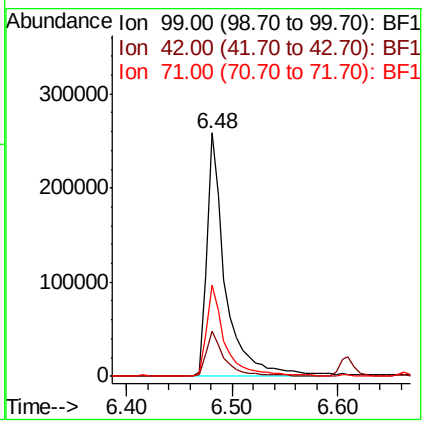


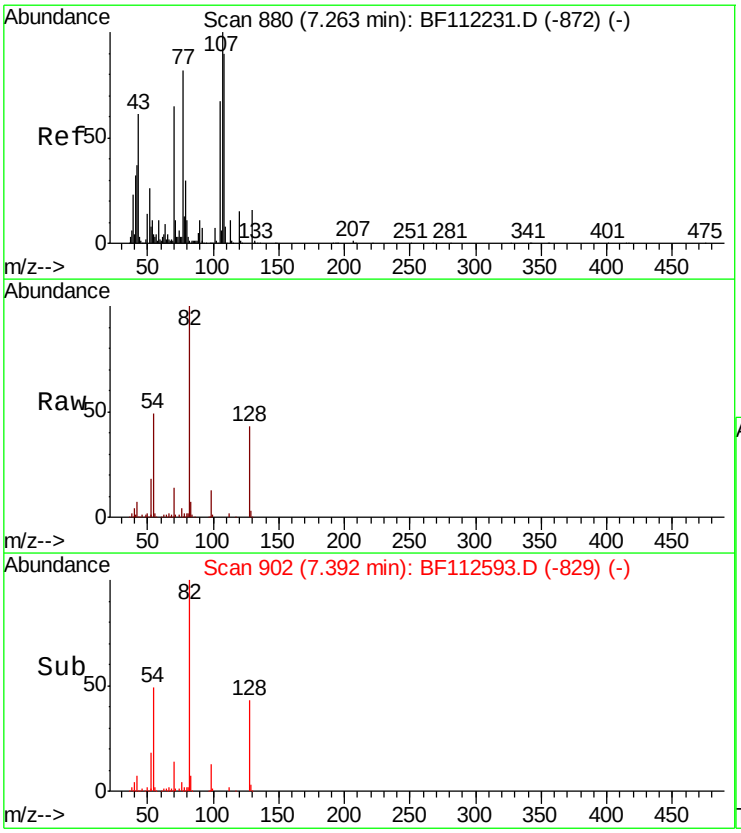
#7
Phenol-d6
Concen: 49.820 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion: 99 Resp: 318635

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	37.3	26.9	40.3

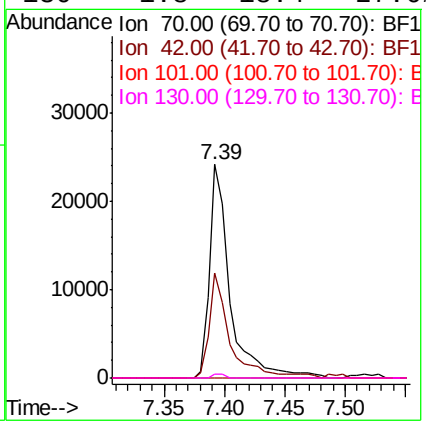


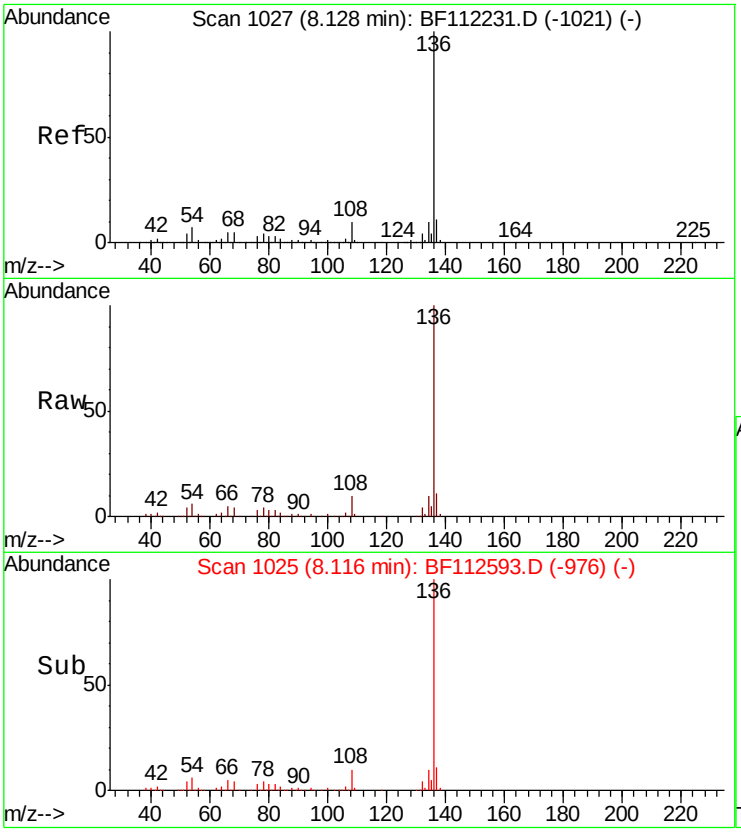


#19
n-Nitroso-di-n-propylamine
Concen: 6.416 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion: 70 Resp: 28293

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.6	71.4
101	0.0	7.9	11.9#
130	1.8	18.4	27.6#



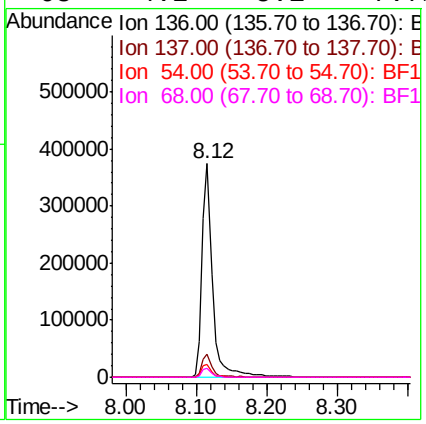


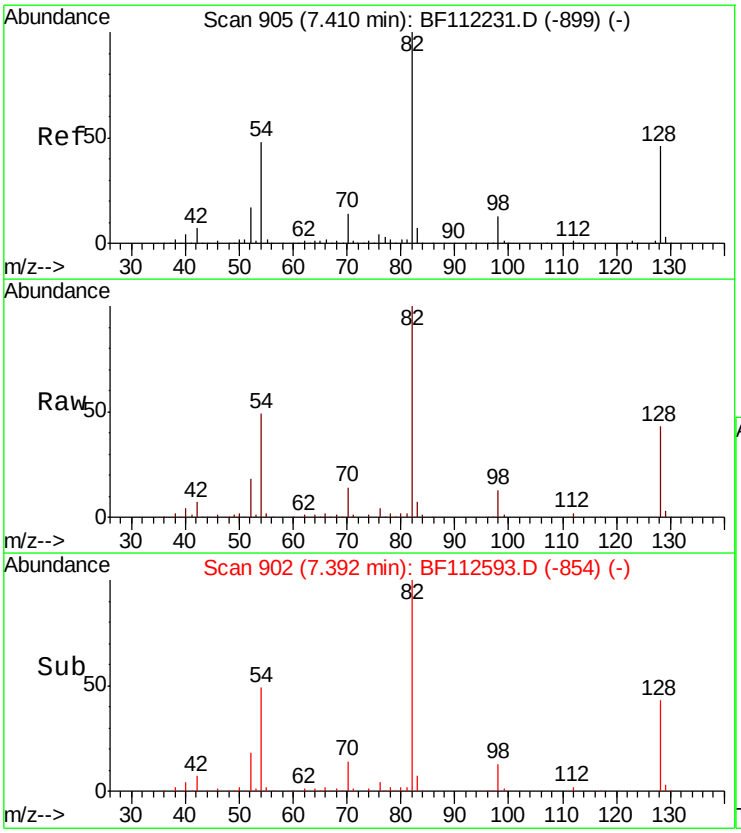
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:136 Resp: 388669

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.9	5.9	8.9
68	4.2	5.1	7.7#

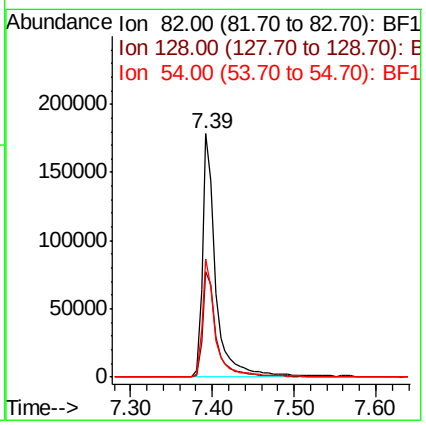


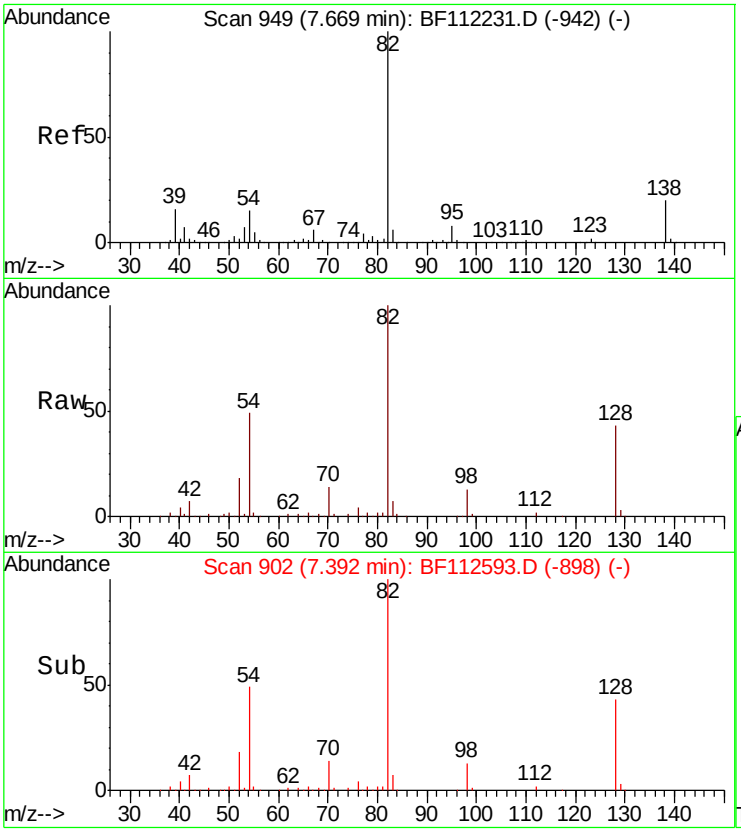


#23
Nitrobenzene-d5
Concen: 30.268 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion: 82 Resp: 204167

Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.8	56.8
54	48.7	39.7	59.5



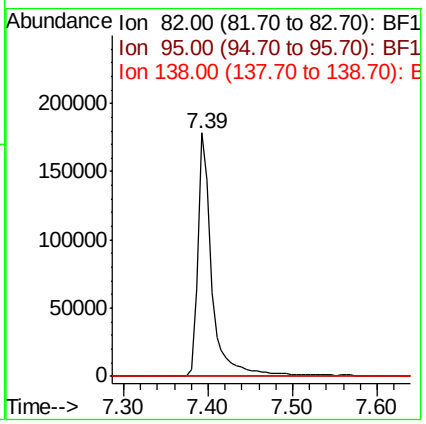


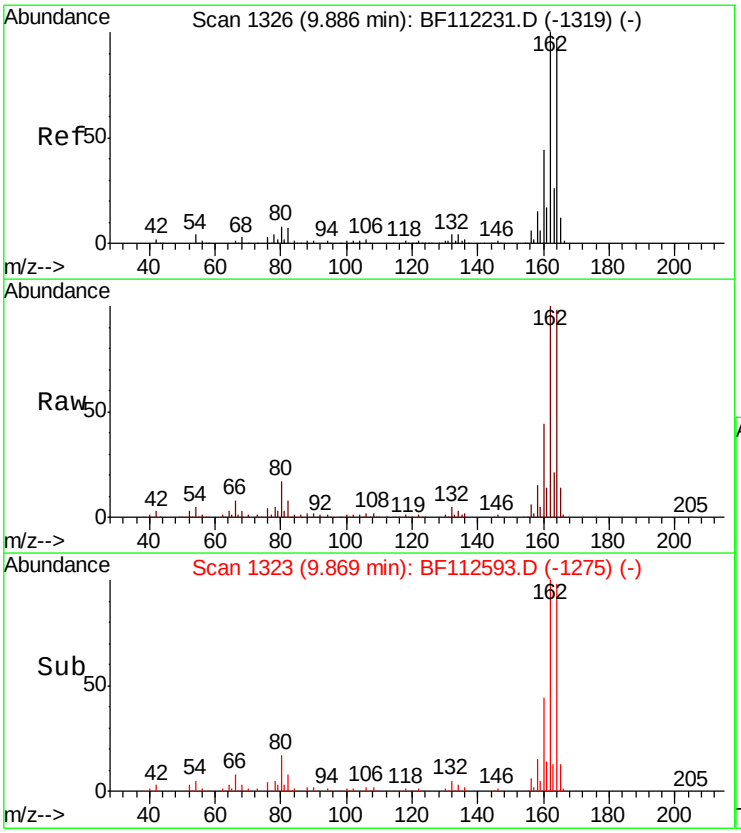
#25
Isophorone
Concen: 19.293 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion: 82 Resp: 204165

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

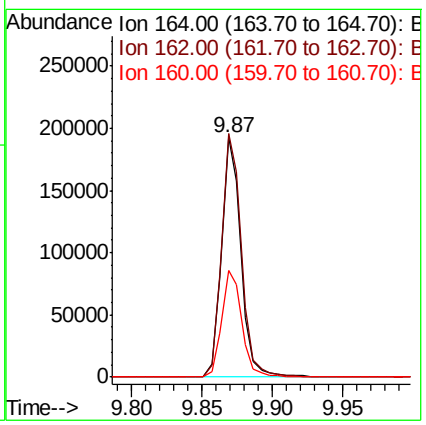


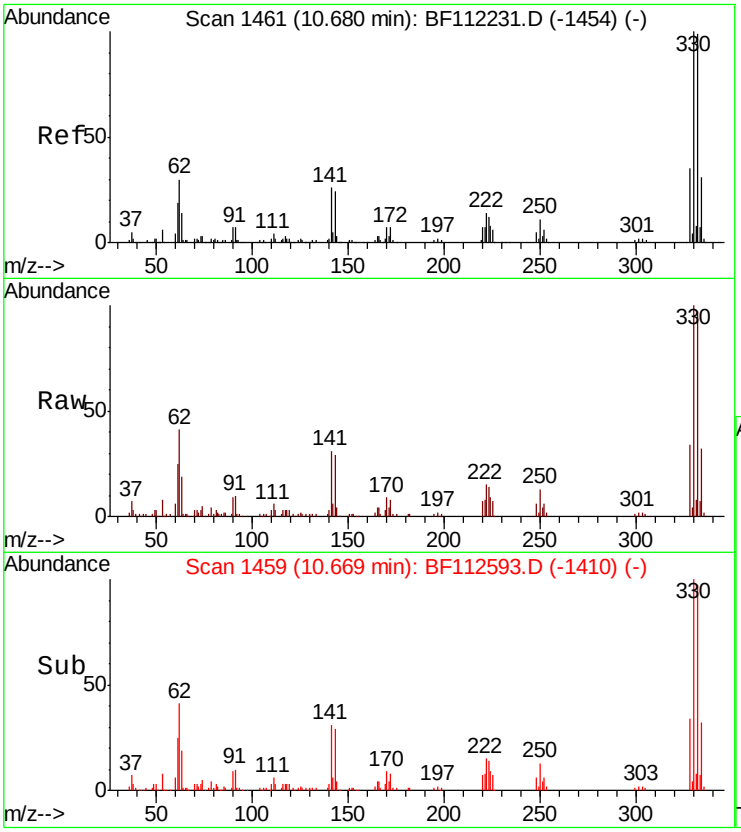


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:164 Resp: 182508

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.4
160	44.5	36.2	54.4



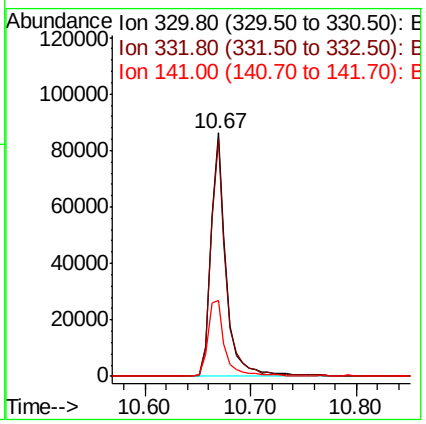


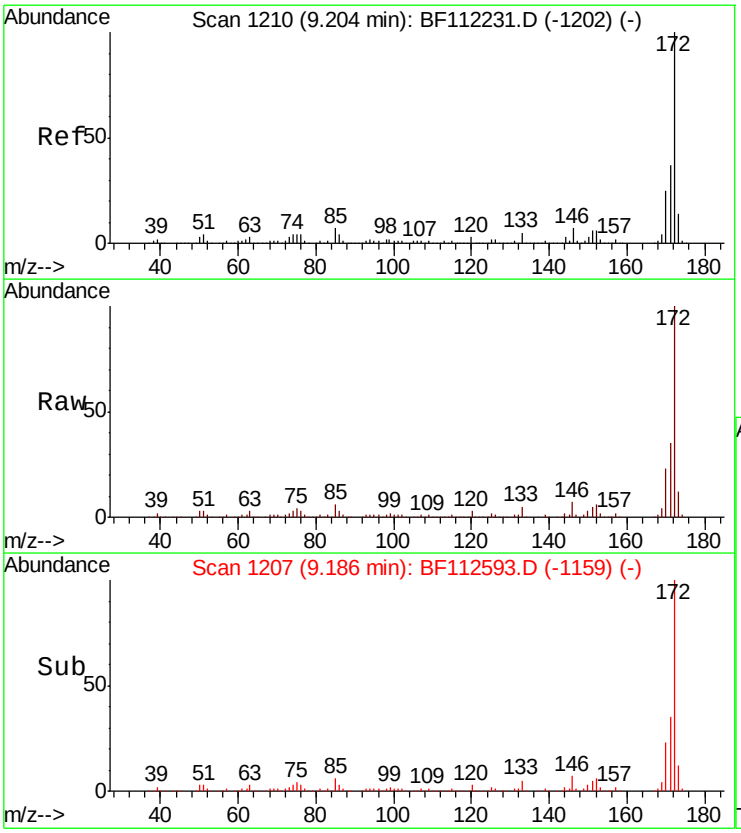
#42
2,4,6-Tribromophenol
Concen: 41.197 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:330 Resp: 87517

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.2	24.3	36.5

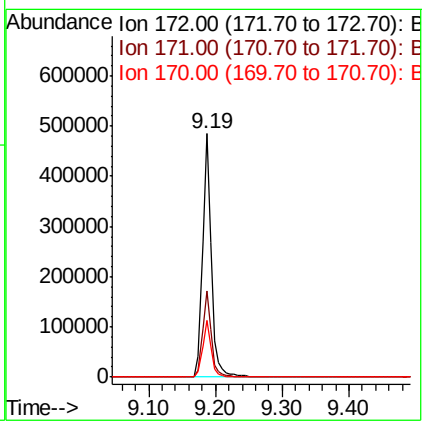


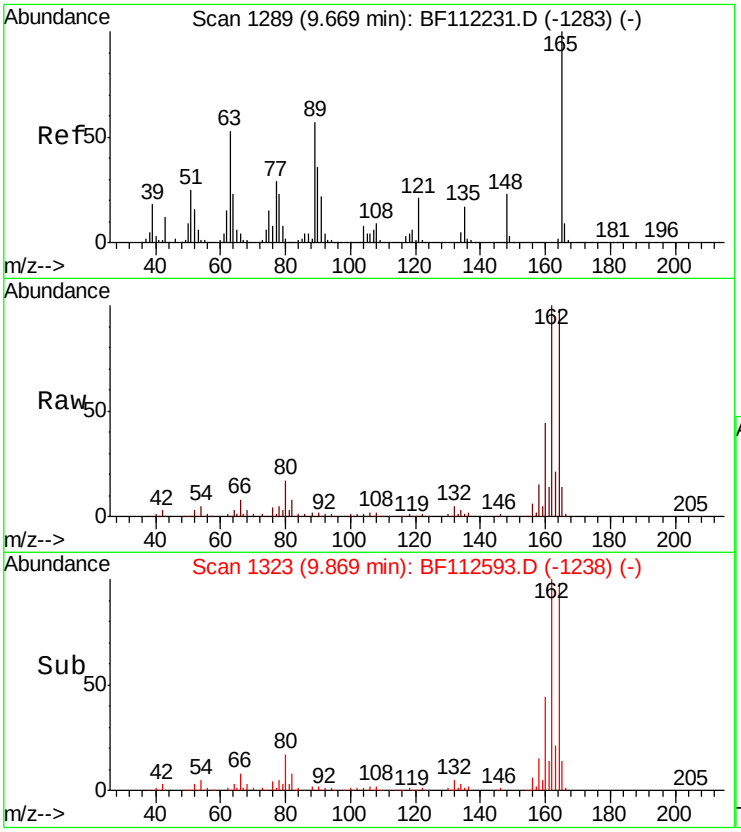


#45
2-Fluorobiphenyl
Concen: 33.723 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:172 Resp: 435165

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	23.2	20.2	30.4



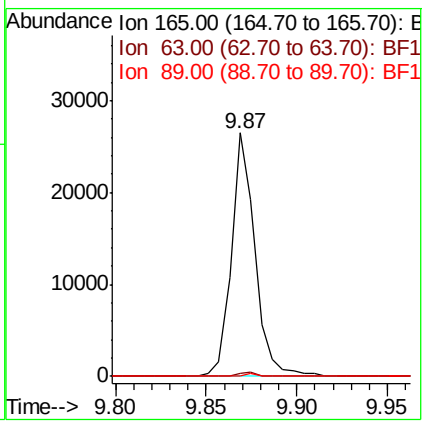


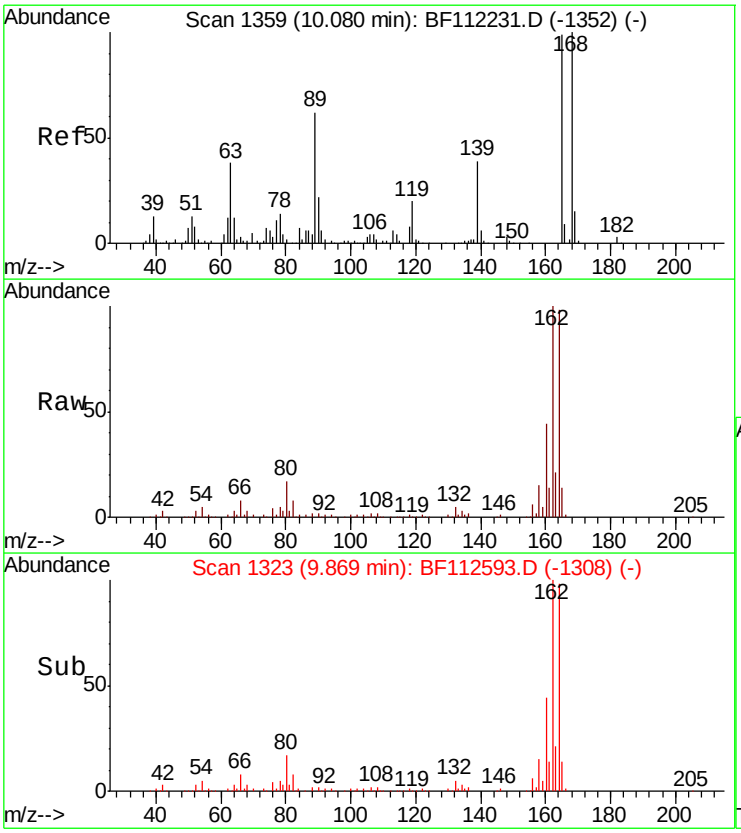
#51
2,6-Dinitrotoluene
Concen: 7.544 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:165 Resp: 23959

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	0.0	36.9	55.3#

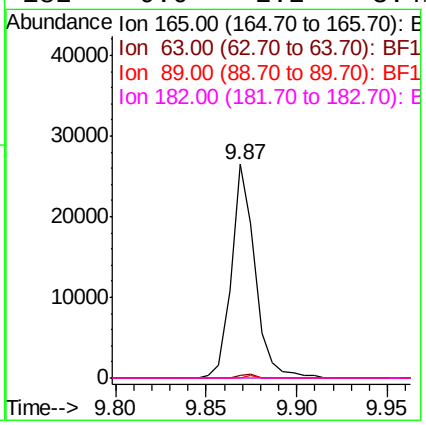


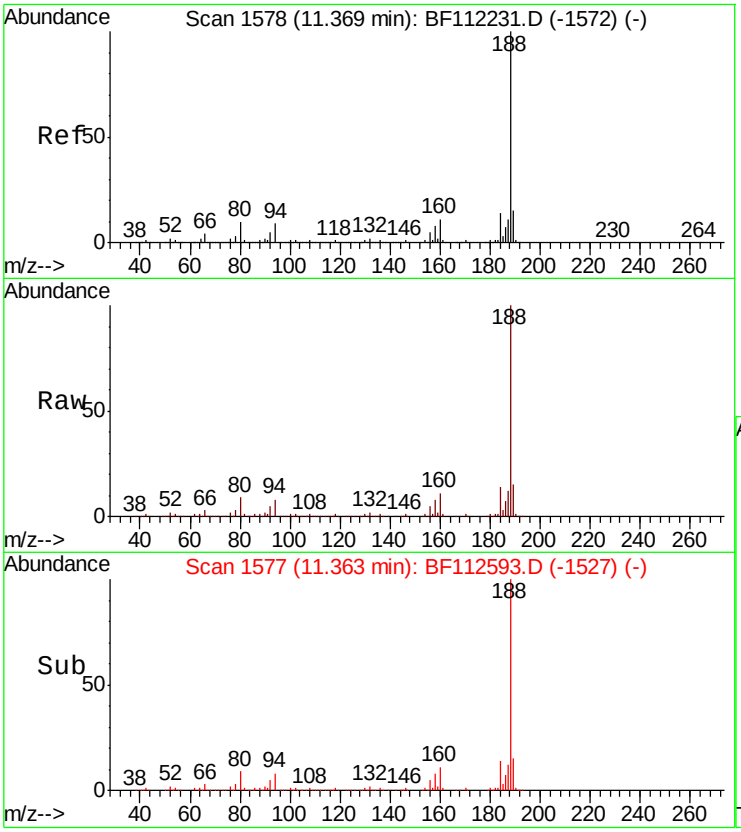


#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:165 Resp: 23959

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#



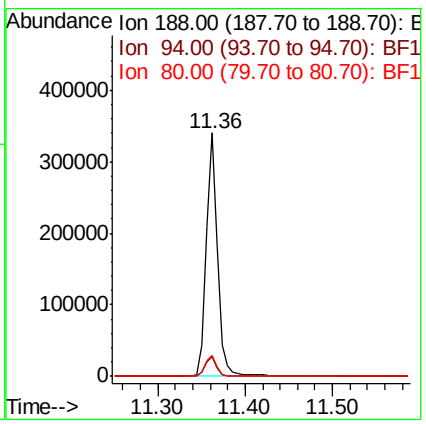


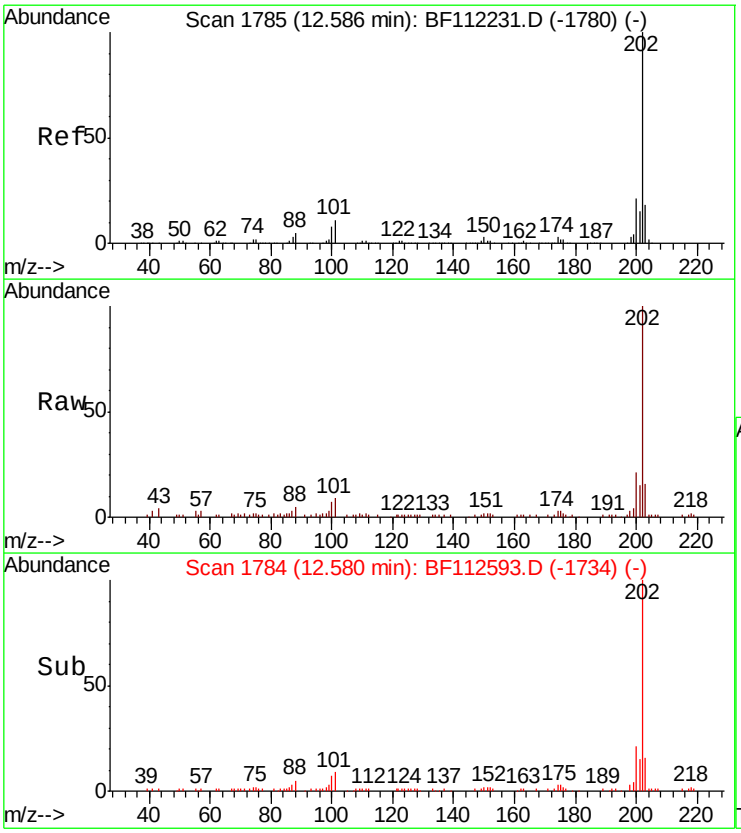
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:188 Resp: 304754

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.7	8.9	13.3#

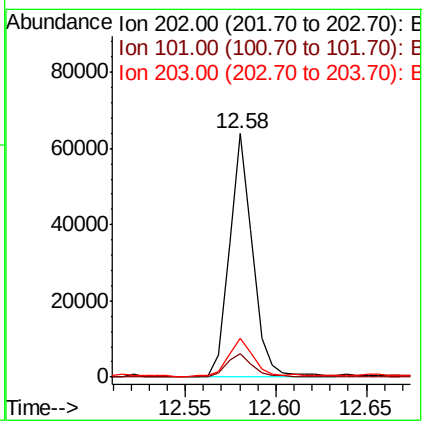


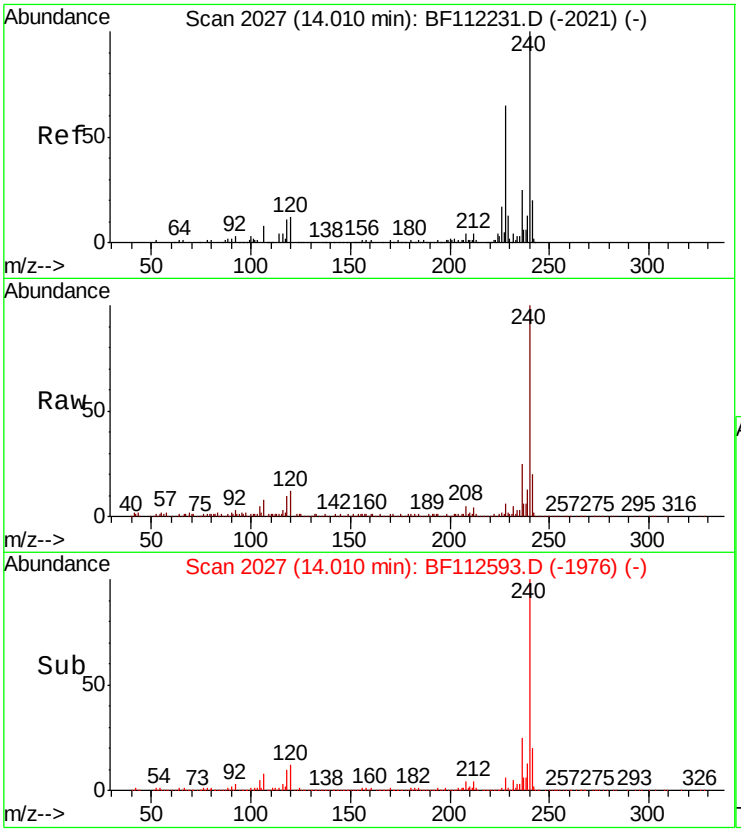


#75
Fluoranthene
Concen: 3.368 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:202 Resp: 57228

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.8
203	16.1	0.0	38.4



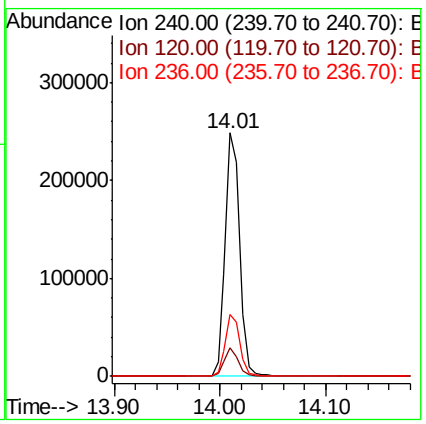


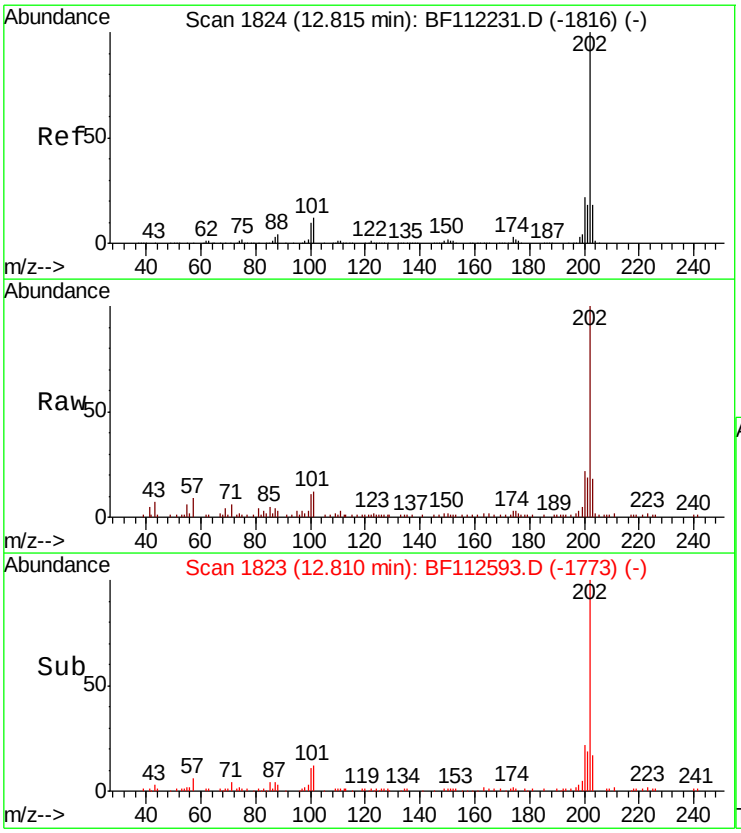
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:240 Resp: 238250

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	25.3	20.7	31.1

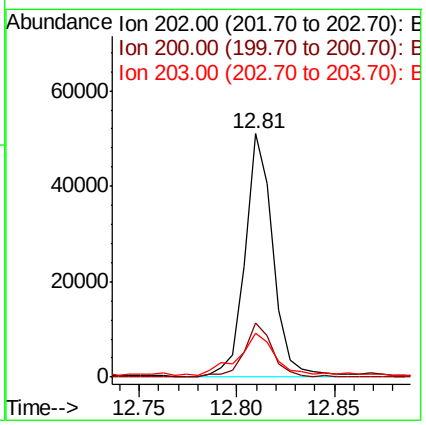


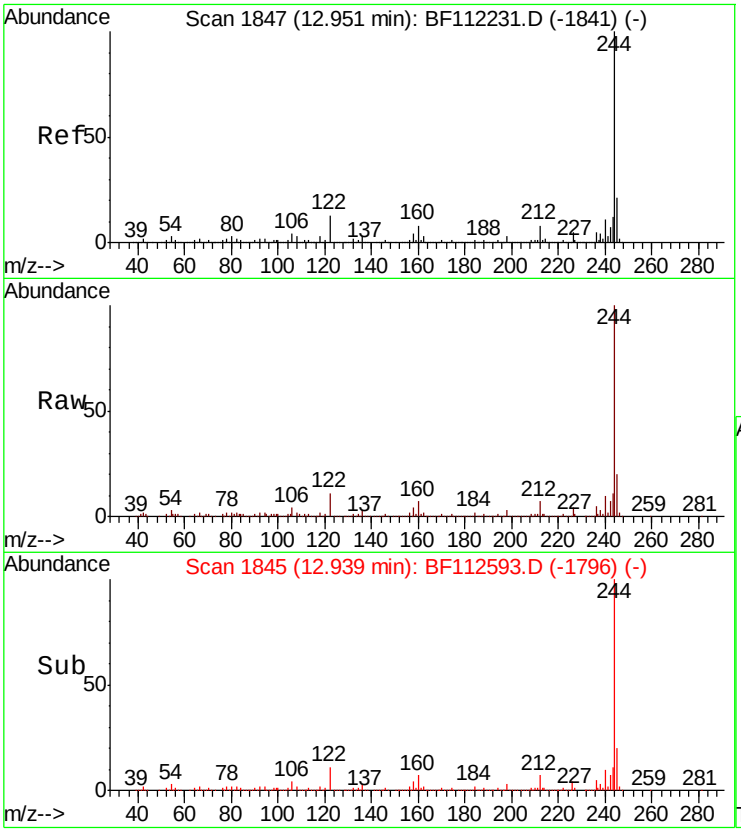


#78
Pyrene
Concen: 3.077 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:202 Resp: 50752

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.3	14.6	22.0



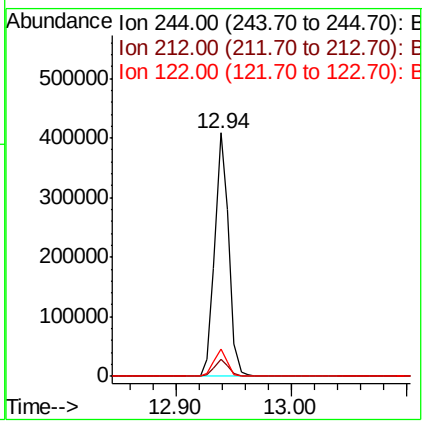


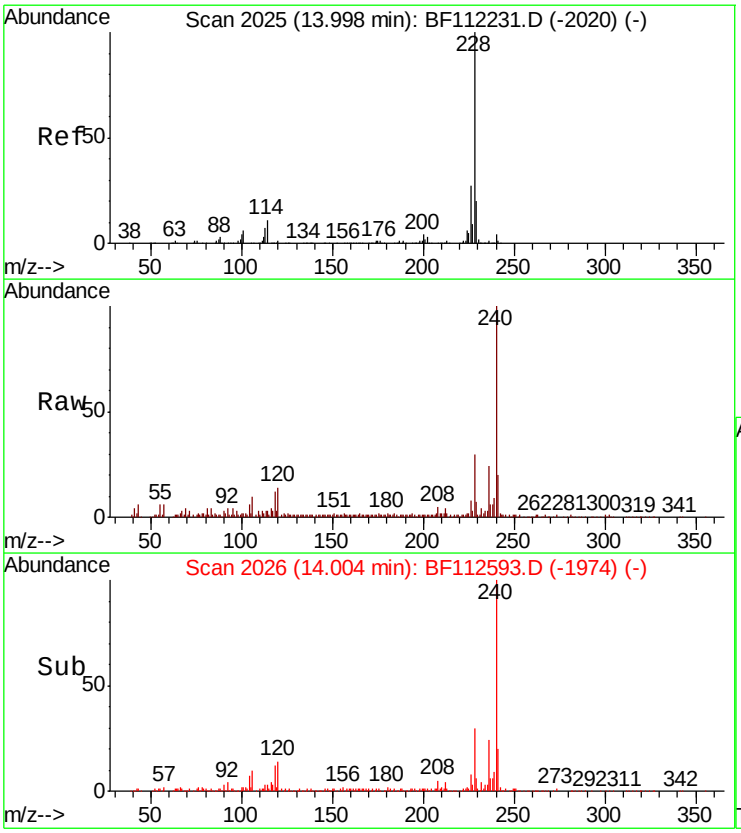
#79
Terphenyl-d14
Concen: 27.140 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:244 Resp: 343308

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.2	9.8	14.6

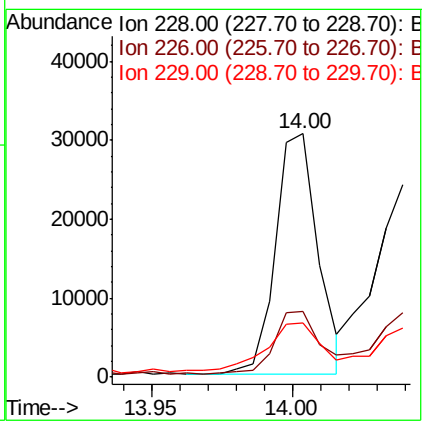


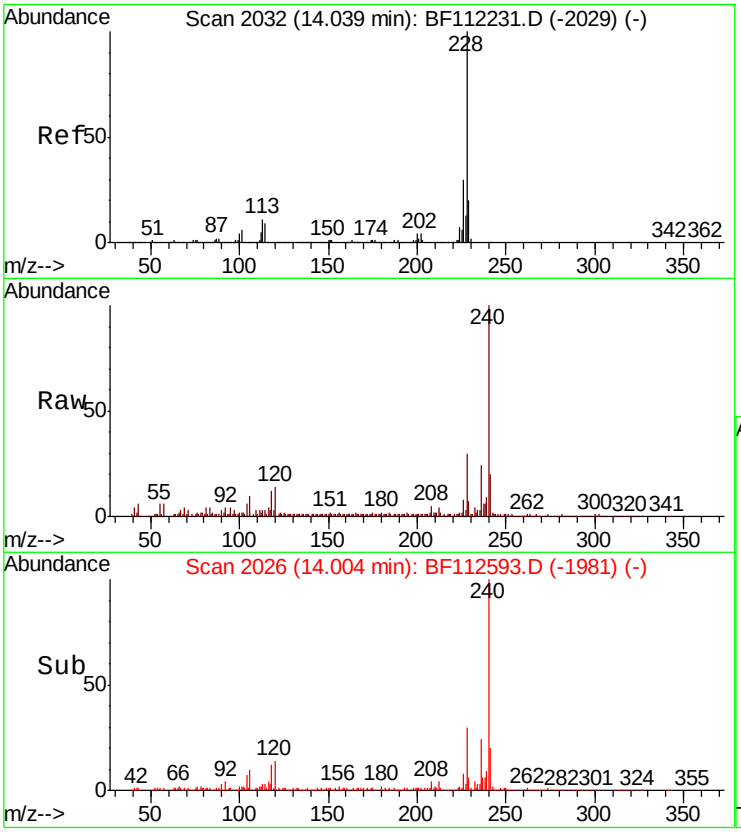


#81
Benzo(a)anthracene
Concen: 2.259 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:228 Resp: 31637

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	34.0
229	22.0	16.5	24.7



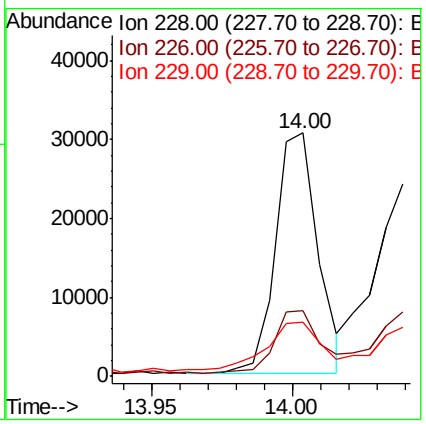


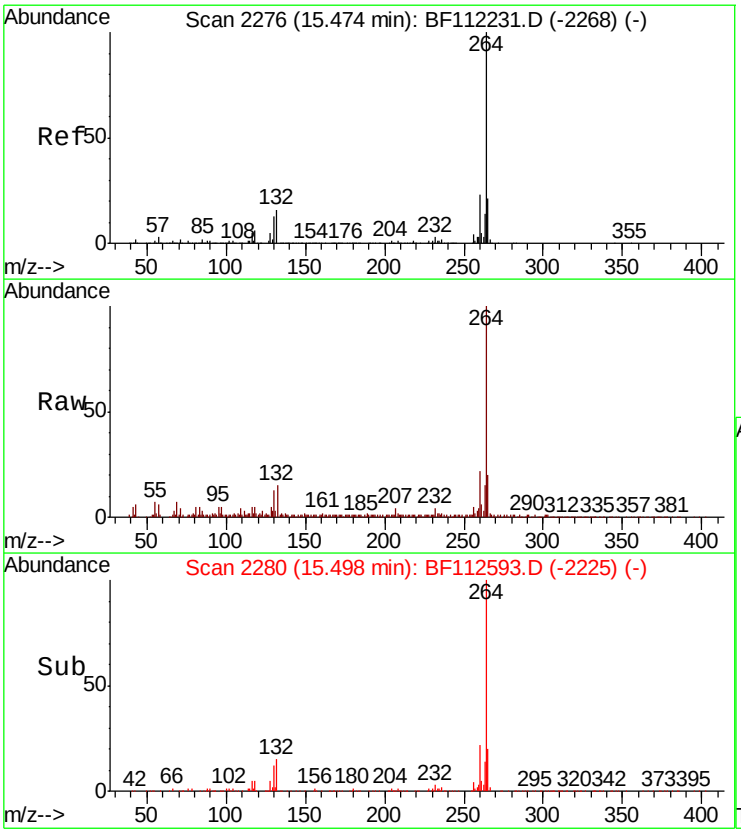
#83
Chrysene
Concen: 2.366 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:228 Resp: 31637

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.0	37.6
229	22.0	16.6	24.8

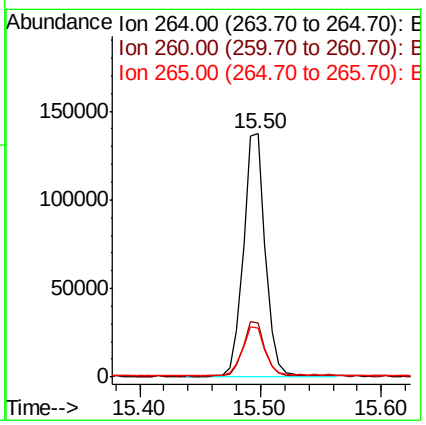


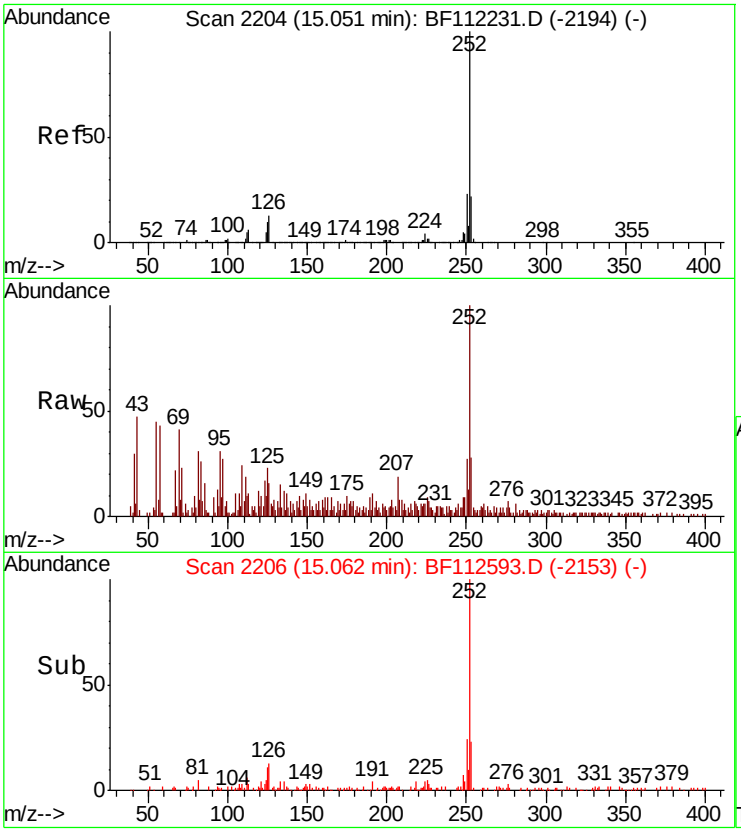


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:264 Resp: 173434

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	20.2	17.0	25.4



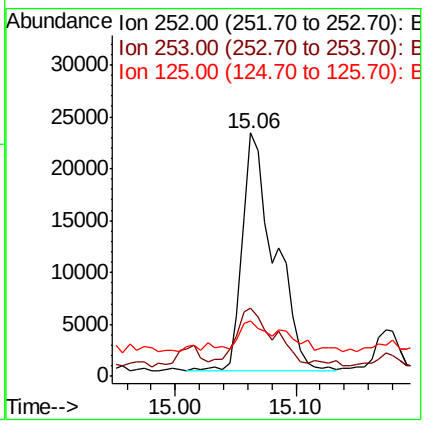


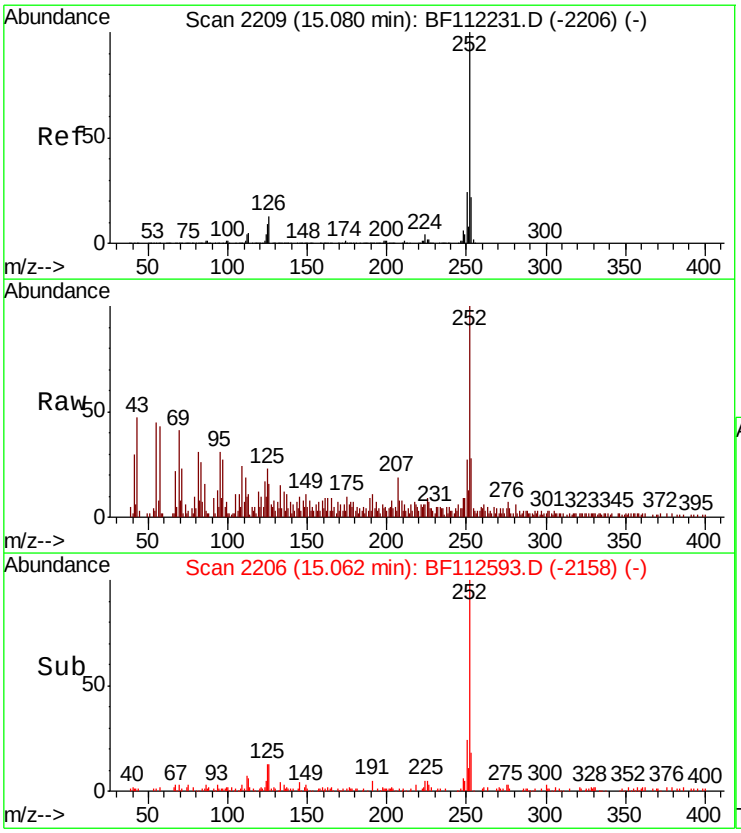
#88
Benzo(b)fluoranthene
Concen: 4.134 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:252 Resp: 42882

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.0	27.0#
125	22.9	8.7	13.1#

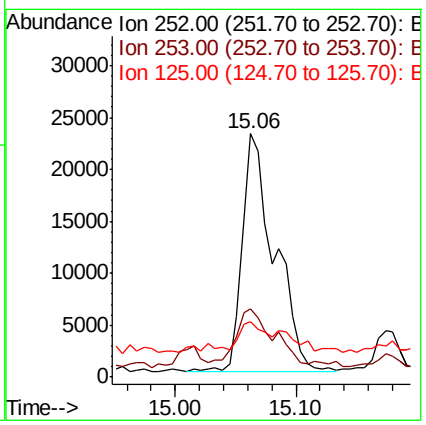


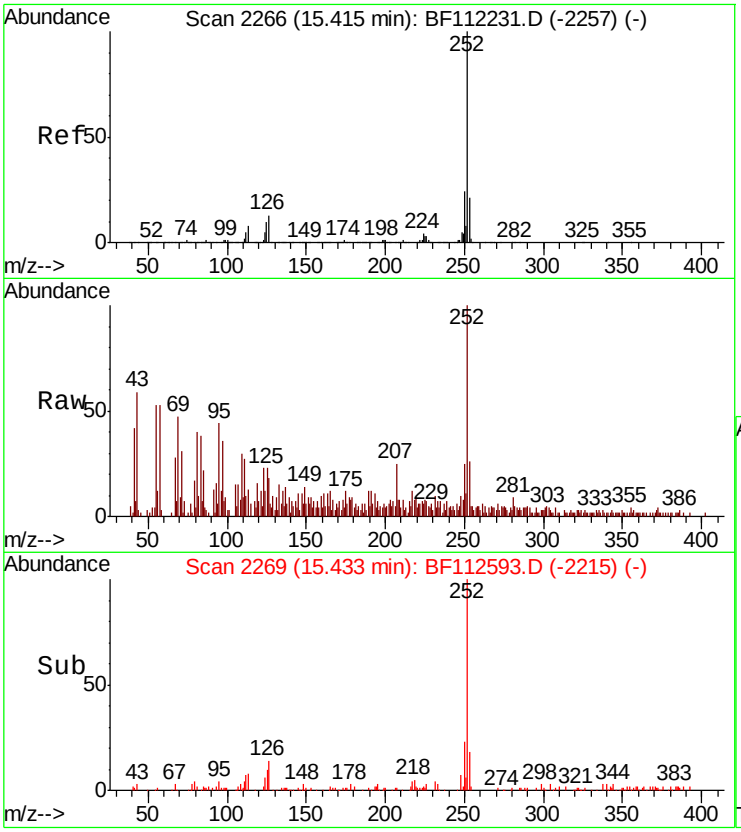


#89
Benzo(k)fluoranthene
Concen: 4.316 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Tgt Ion:252 Resp: 42882

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.0	27.0#
125	22.9	9.1	13.7#





#90
Benzo(a)pyrene
Concen: 2.229 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF112593.D
Acq: 15 Feb 2019 21:54

Instrument :
BNA_F
ClientSampleId :
M-3-S

Tgt Ion:252 Resp: 20806

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	23.0	9.0	13.4#