Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113105.D
Acq On : 18 Mar 2019 22:01
Operator : JU/SJ
Sample : K1691-17 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031519-E

Quant Time: Mar 19 04:52:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160519	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	595255	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263435	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	498219	20.00	ng	0.00
76) Chrysene-d12	13.87	240	453225	20.00	ng	0.00
87) Perylene-d12	15.28	264	310409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	140546	13.62	ng	0.00
7) Phenol-d6	6.37	99	213036	16.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	113455	11.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	53961	19.29	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	260447	12.23	ng	0.00
79) Terphenyl-d14	12.82	244	267613	11.45	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.29	82	113454	5.294	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	32900	8.134	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	33020	6.567	ng	# 18
75) Fluoranthene	12.45	202	63749	2.400	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
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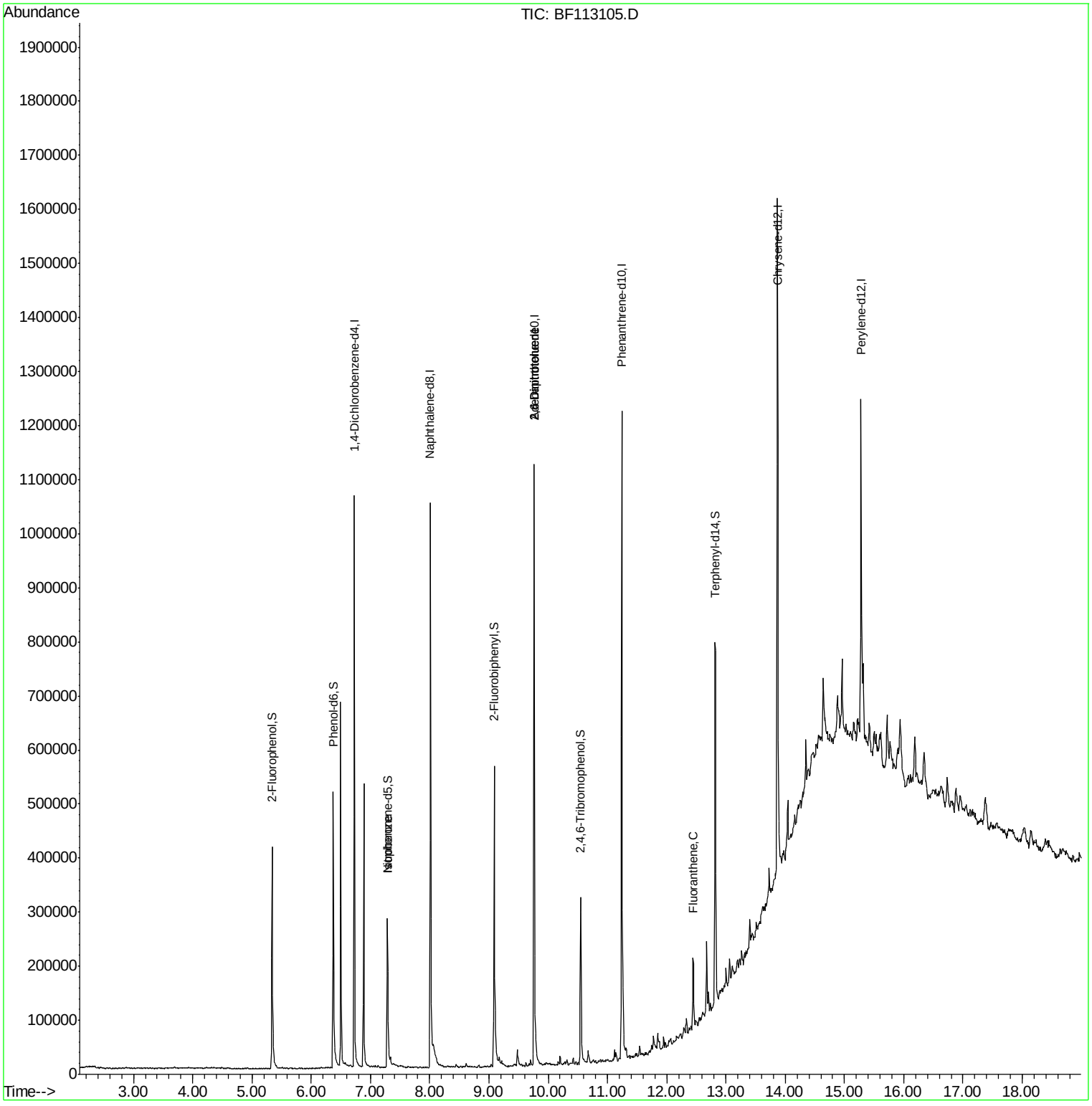
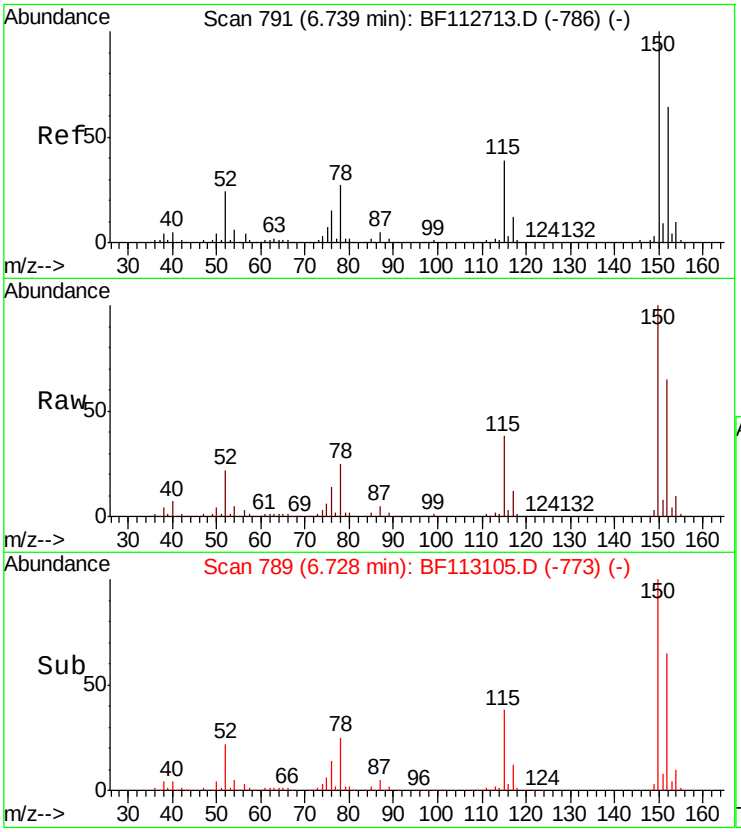


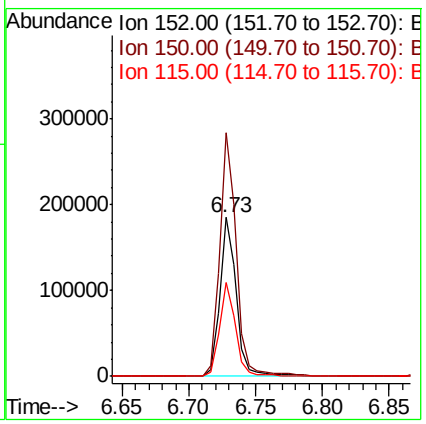


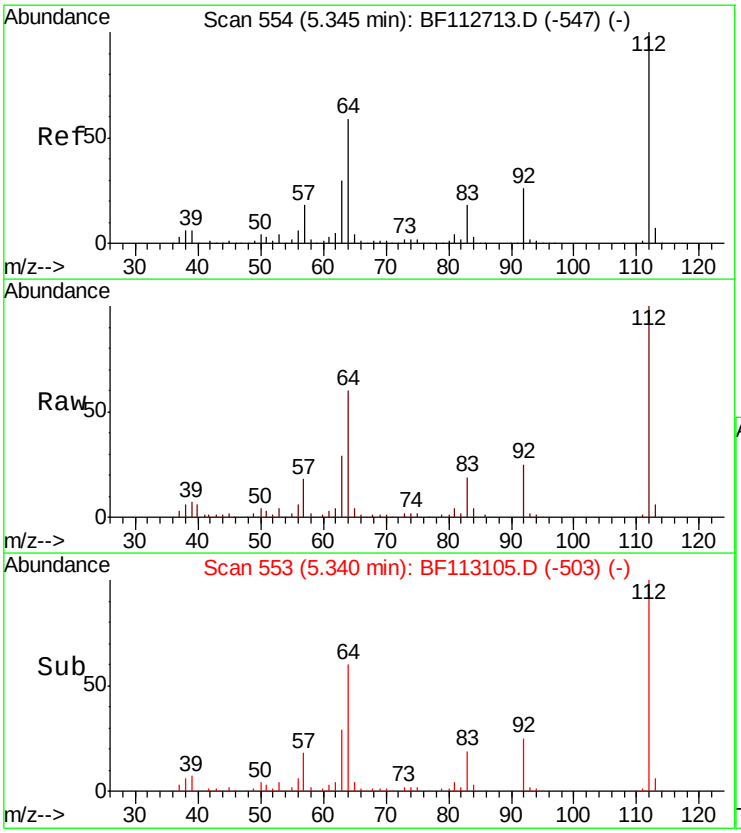
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:152 Resp: 160519

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	58.8	48.2	72.4

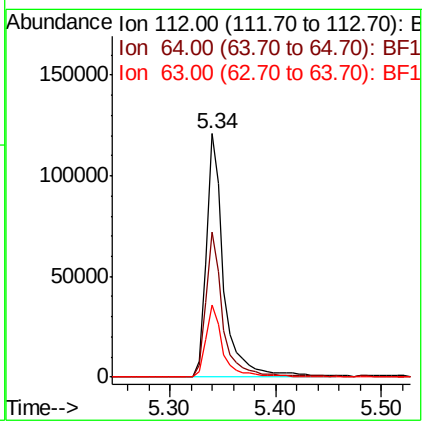


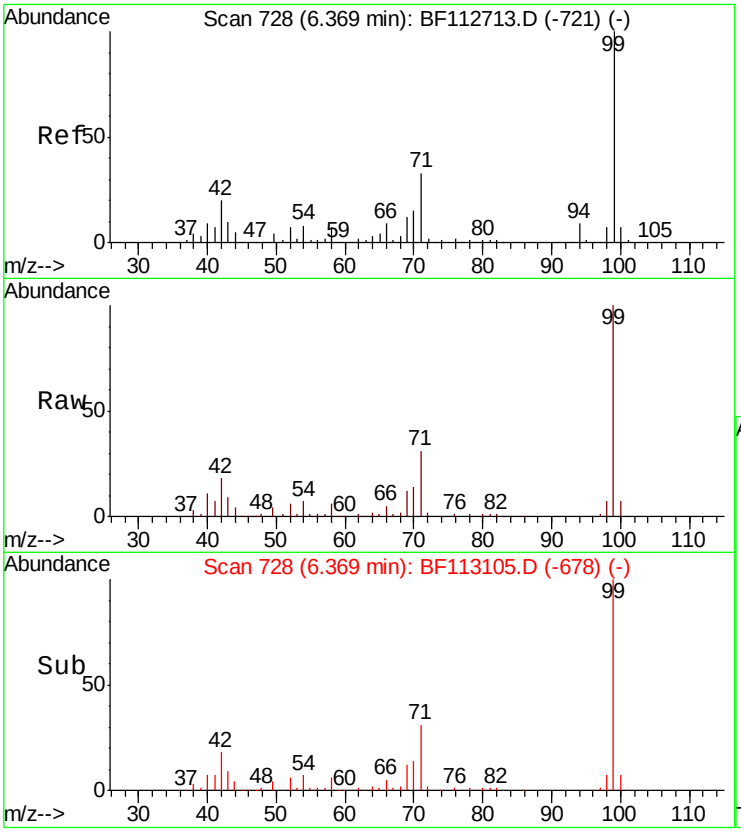


#5
2-Fluorophenol
Concen: 13.620 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:112 Resp: 140546

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.6	71.4
63	29.4	24.4	36.6



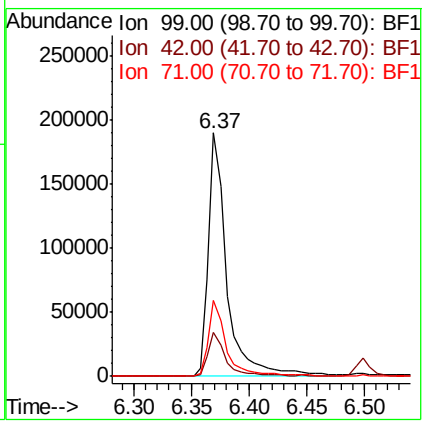


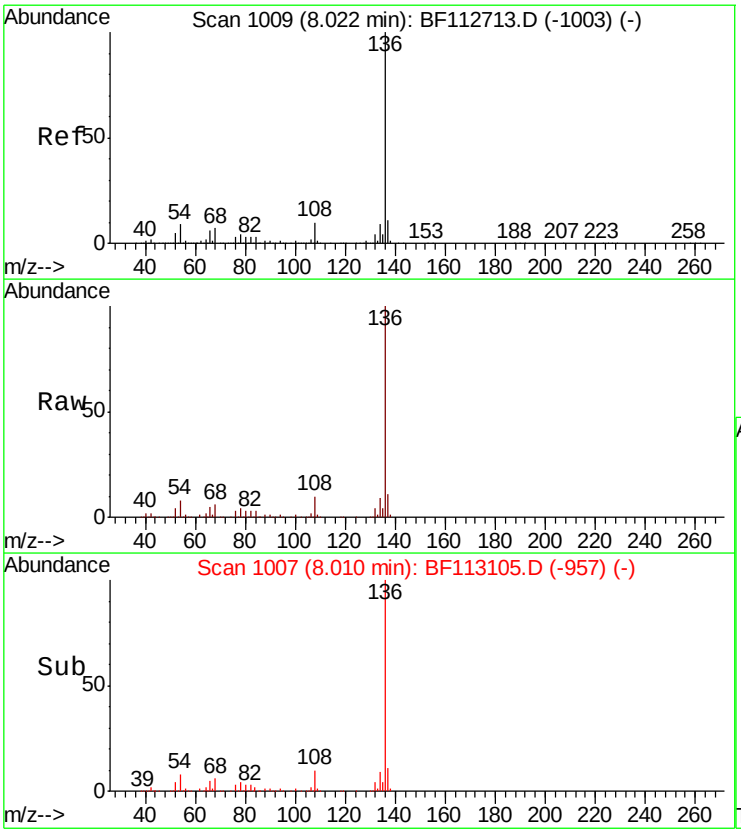
#7
Phenol-d6
Concen: 16.435 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion: 99 Resp: 213036

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.3	24.5
71	31.3	26.2	39.4

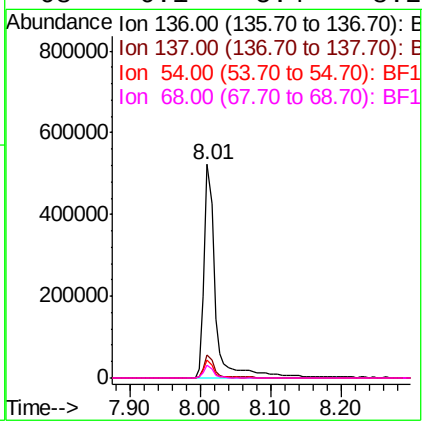


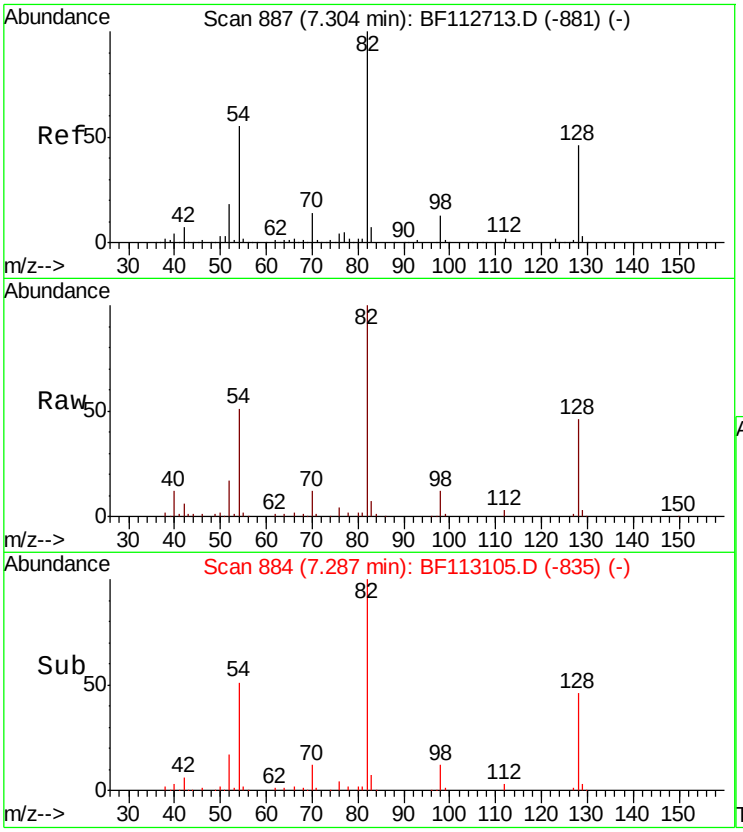


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:136 Resp: 595255

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.1	5.4	8.2



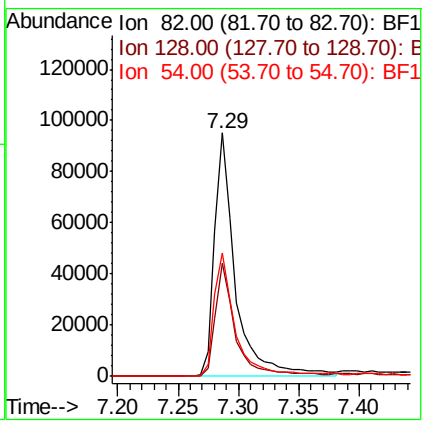


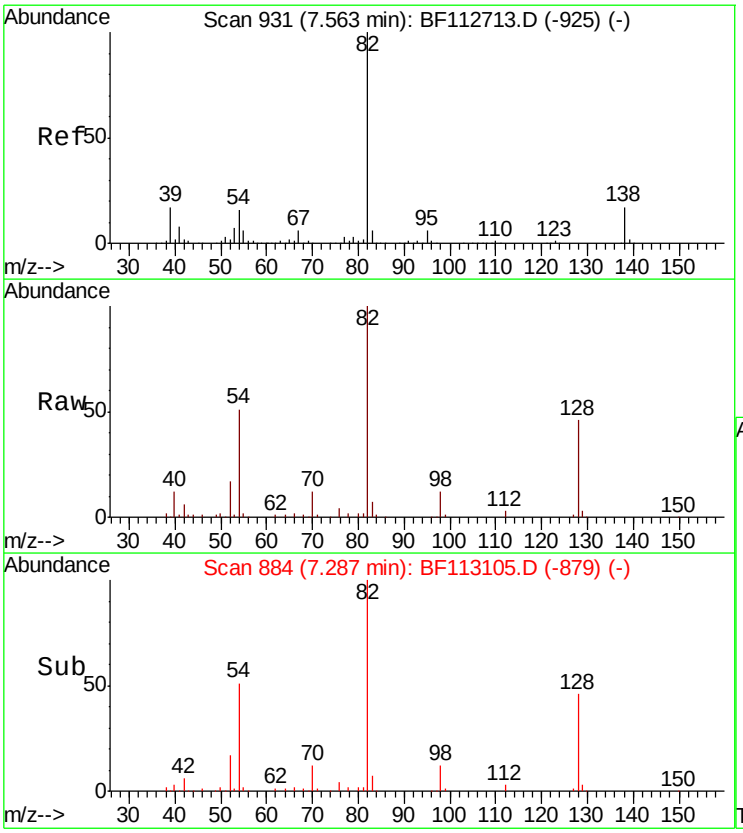
#23
Nitrobenzene-d5
Concen: 11.405 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion: 82 Resp: 113455

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	50.8	43.7	65.5

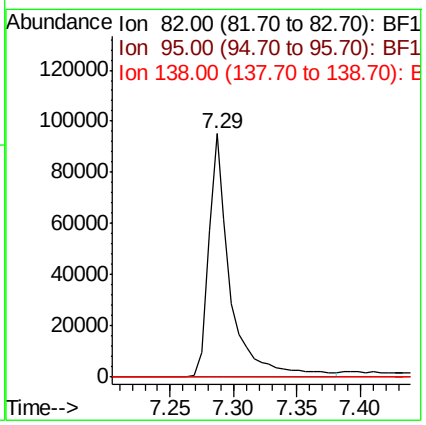


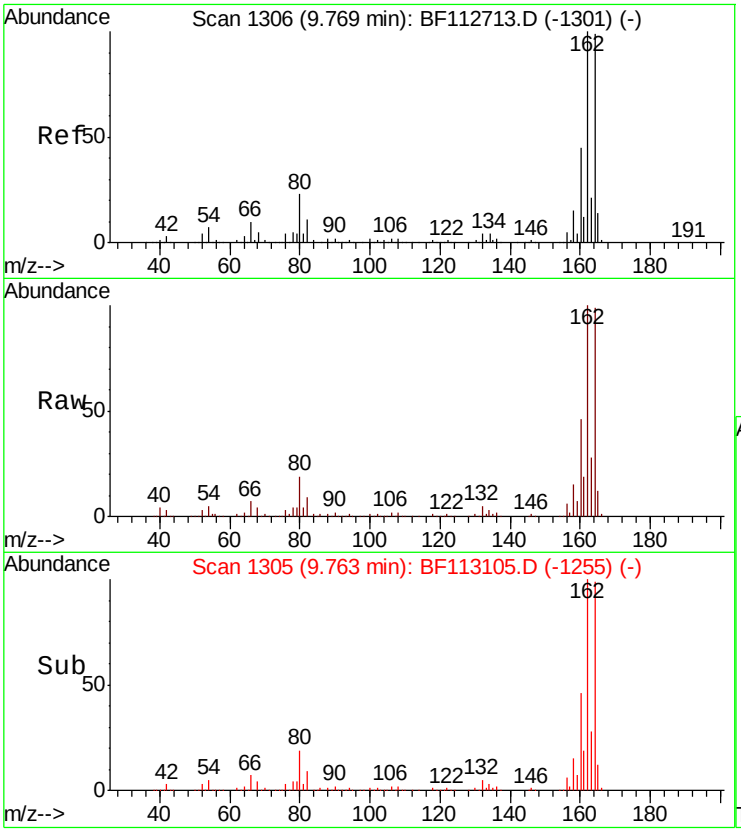


#25
Isophorone
Concen: 5.294 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion: 82 Resp: 113454

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



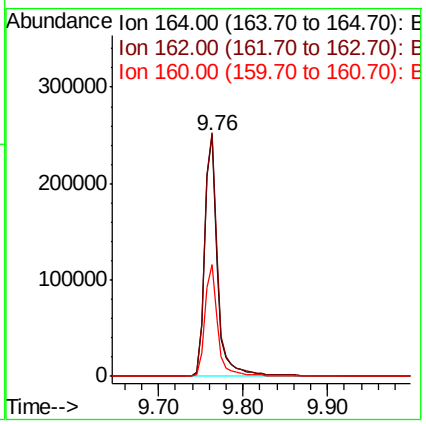


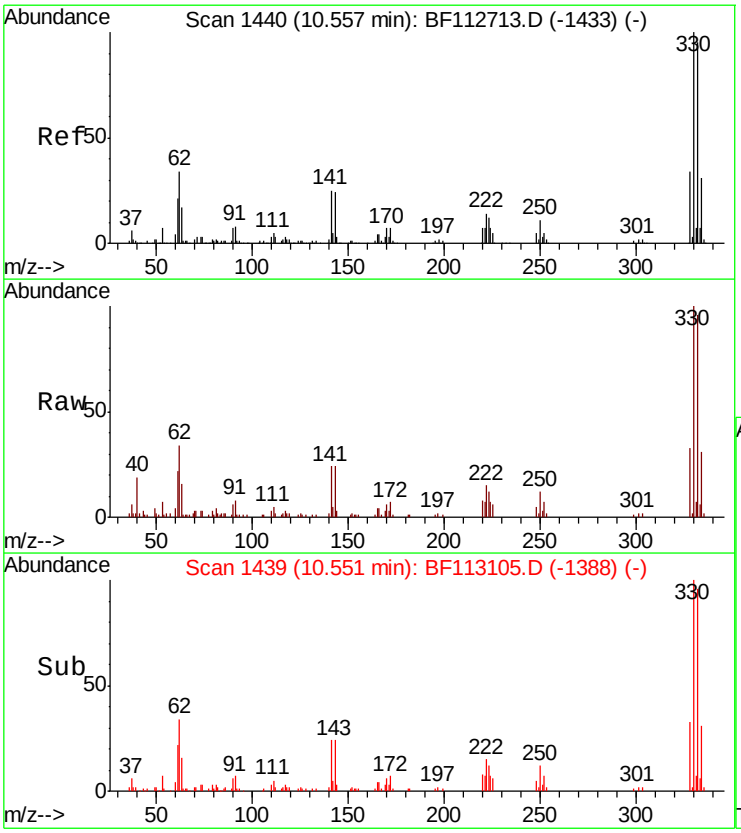
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:164 Resp: 263435

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	46.6	36.0	54.0

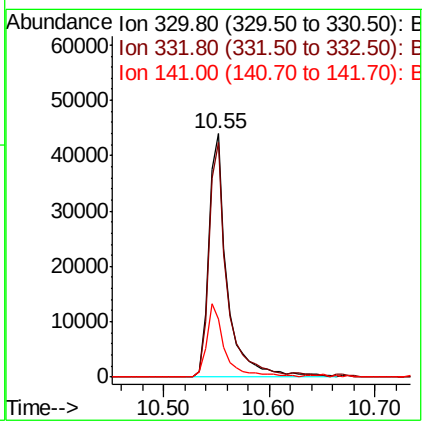


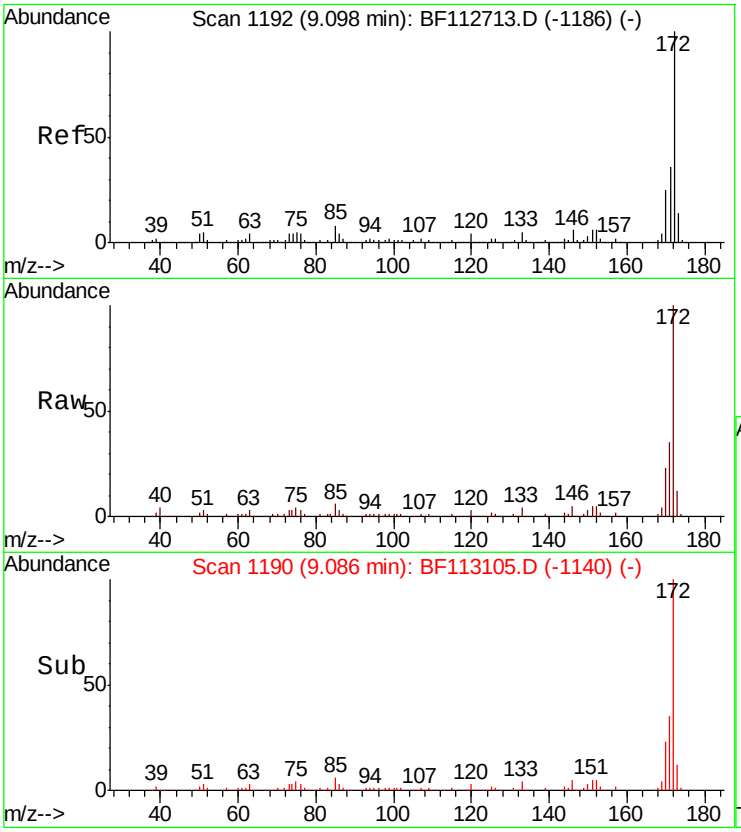


#42
2,4,6-Tribromophenol
Concen: 19.295 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:330 Resp: 53961

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.2	114.4
141	29.3	27.0	40.6



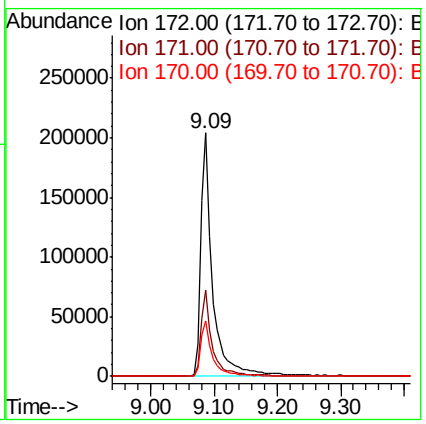


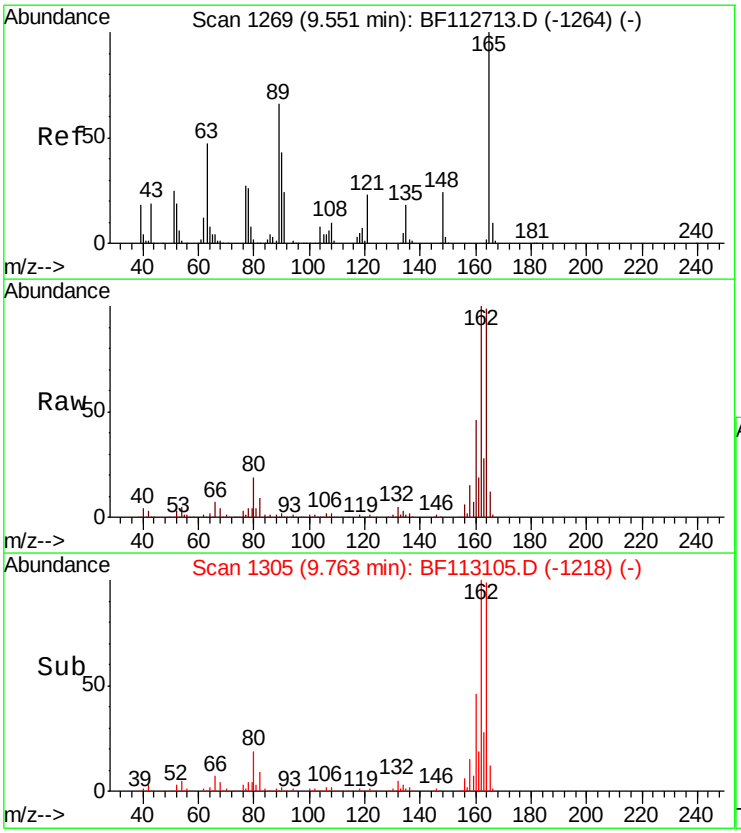
#45
2-Fluorobiphenyl
Concen: 12.232 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:172 Resp: 260447

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	22.8	20.0	30.0

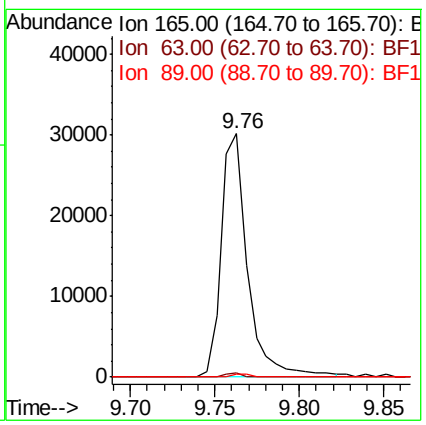


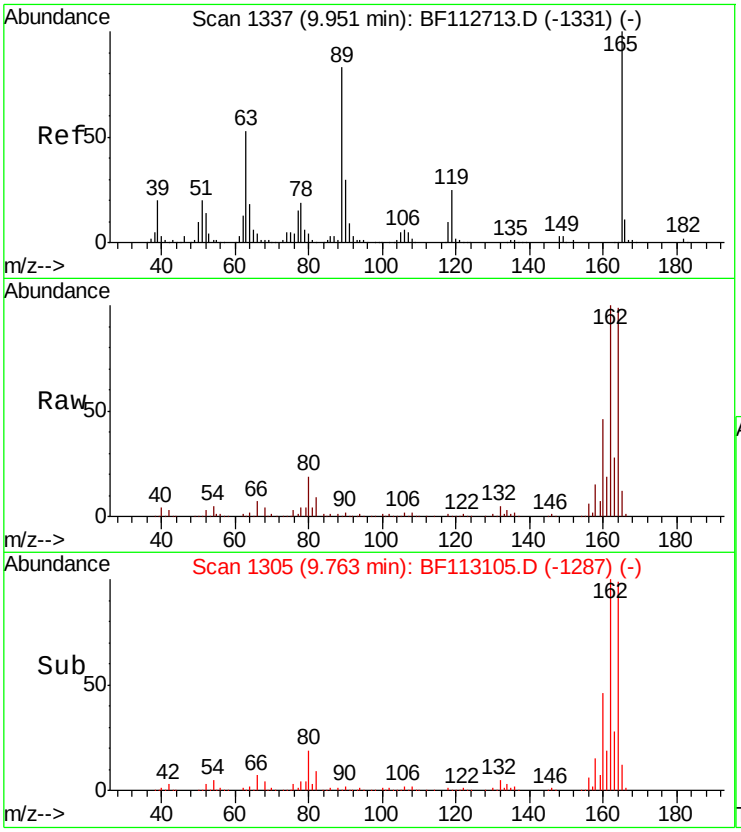


#51
2,6-Dinitrotoluene
Concen: 8.134 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:165 Resp: 32900

Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.4	52.8	79.2#



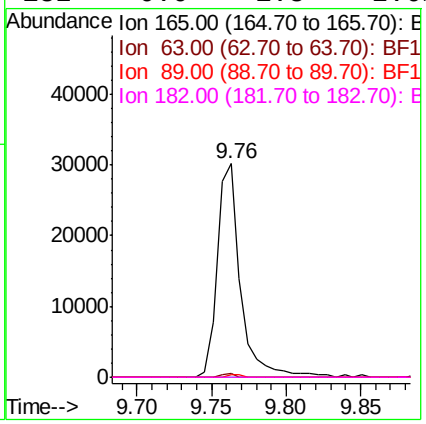


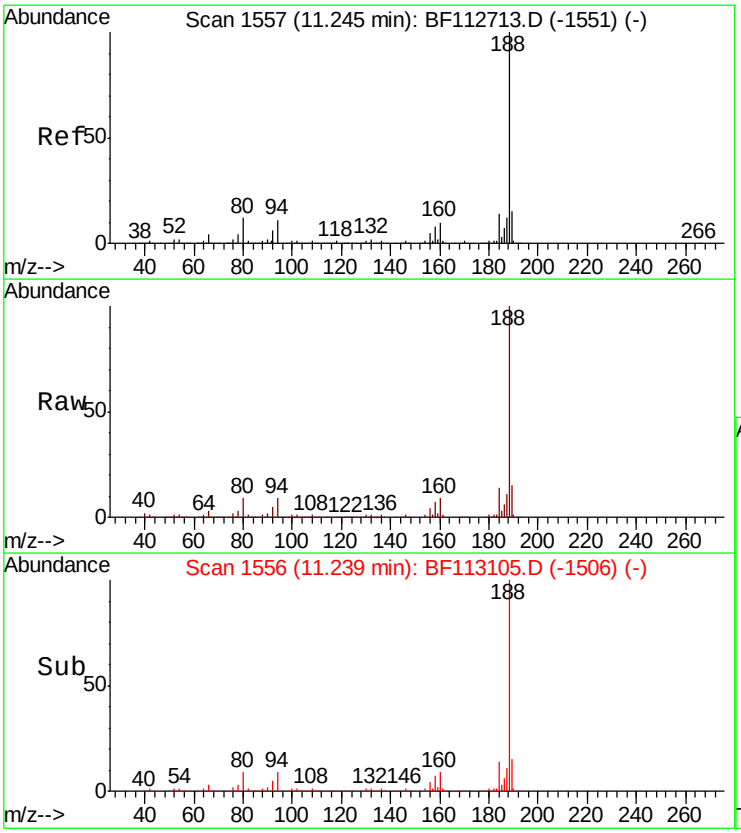
#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:165 Resp: 33020

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

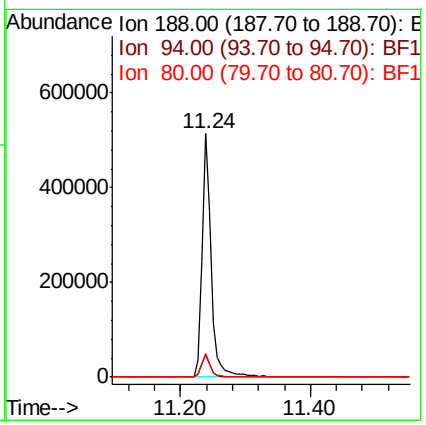


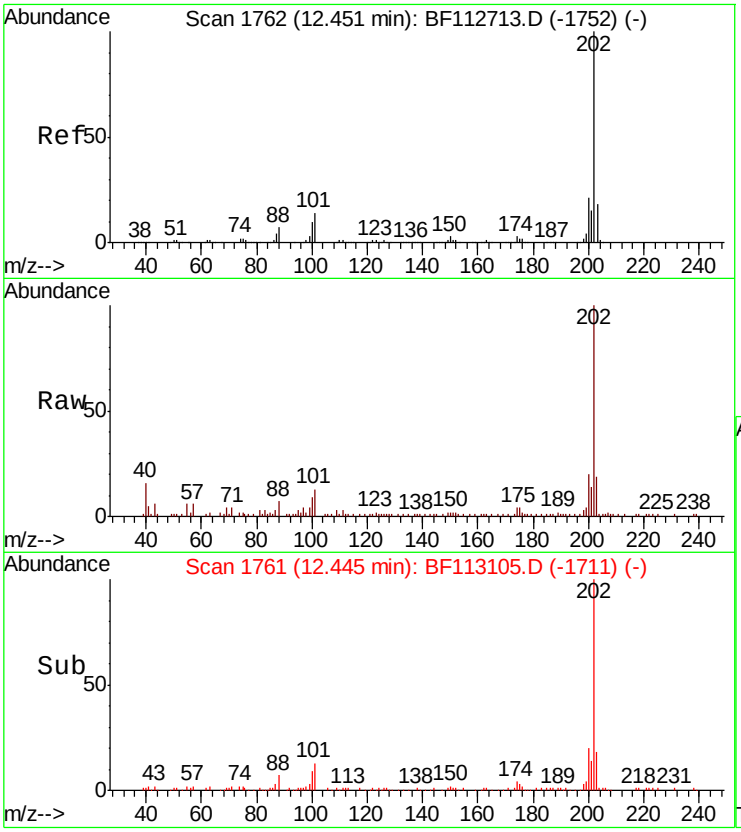


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:188 Resp: 498219

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.5	9.2	13.8



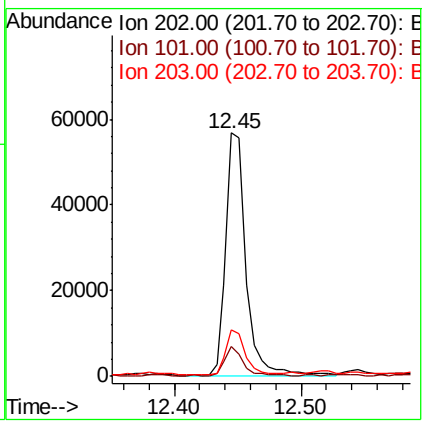


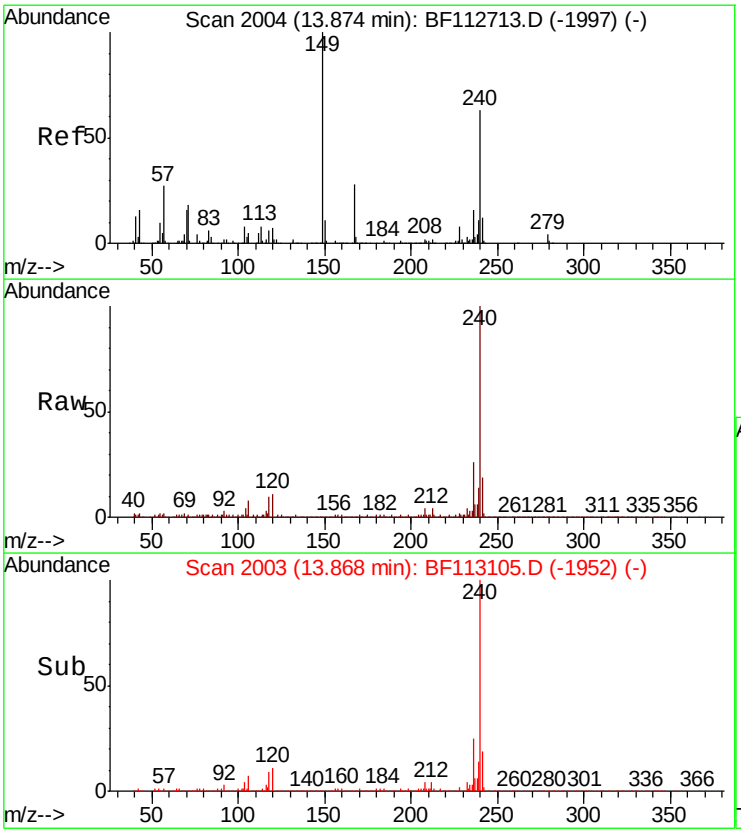
#75
Fluoranthene
Concen: 2.400 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:202 Resp: 63749

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.8
203	19.1	0.0	38.4

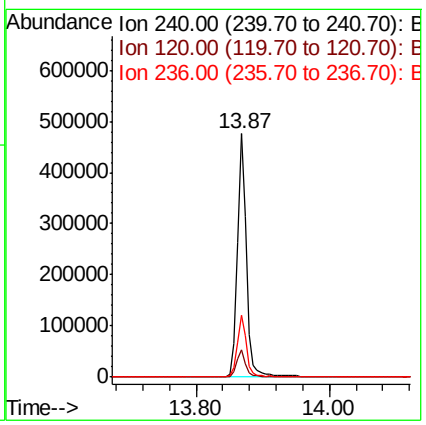


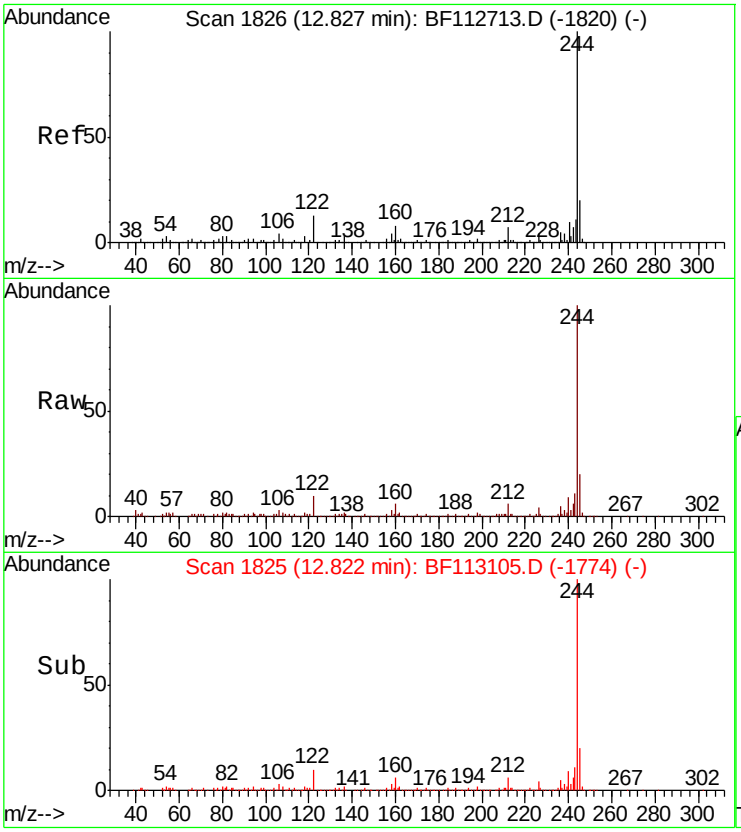


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:240 Resp: 453225

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.6	20.7	31.1



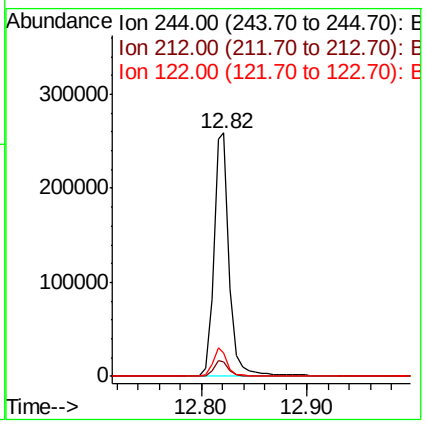


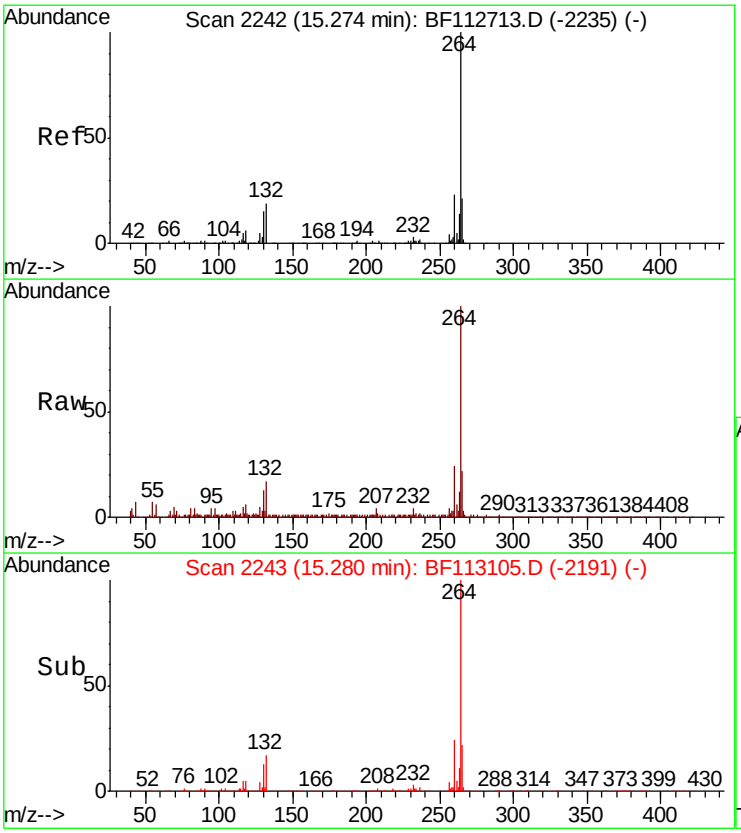
#79
Terphenyl-d14
Concen: 11.446 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-E

Tgt Ion:244 Resp: 267613

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	9.6	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113105.D
Acq: 18 Mar 2019 22:01

Tgt Ion:264 Resp: 310409

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.1	17.2	25.8