Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113140.D
Acq On : 19 Mar 2019 22:05
Operator : JU/SJ
Sample : K1971-02 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8(14-15)-031519

Quant Time: Mar 20 01:49:51 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	6.72	152	135385	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	505953	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	223088	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	369738	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	363843	20.00	ng	0.00
87) Perylene-d12	15.27	264	250955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	90641	10.41	ng	-0.01
7) Phenol-d6	6.36	99	109269	9.99	ng	-0.01
23) Nitrobenzene-d5	7.28	82	58783	6.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	23490	9.92	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	121344	5.93	ng	-0.01
79) Terphenyl-d14	12.81	244	93986	5.01	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.28	82	58782	3.227	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	28833	8.417	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	28833	6.772	ng	# 18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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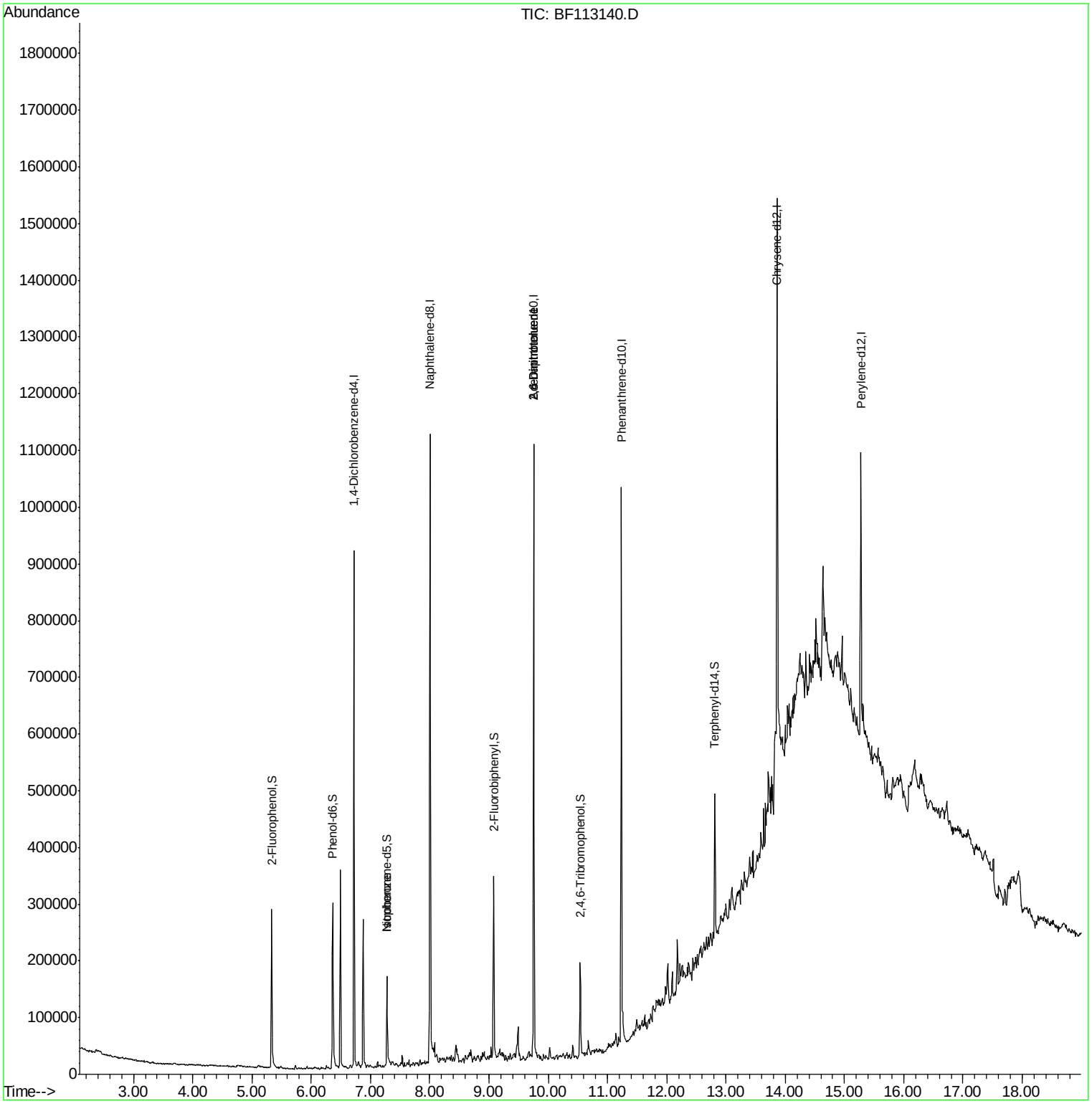
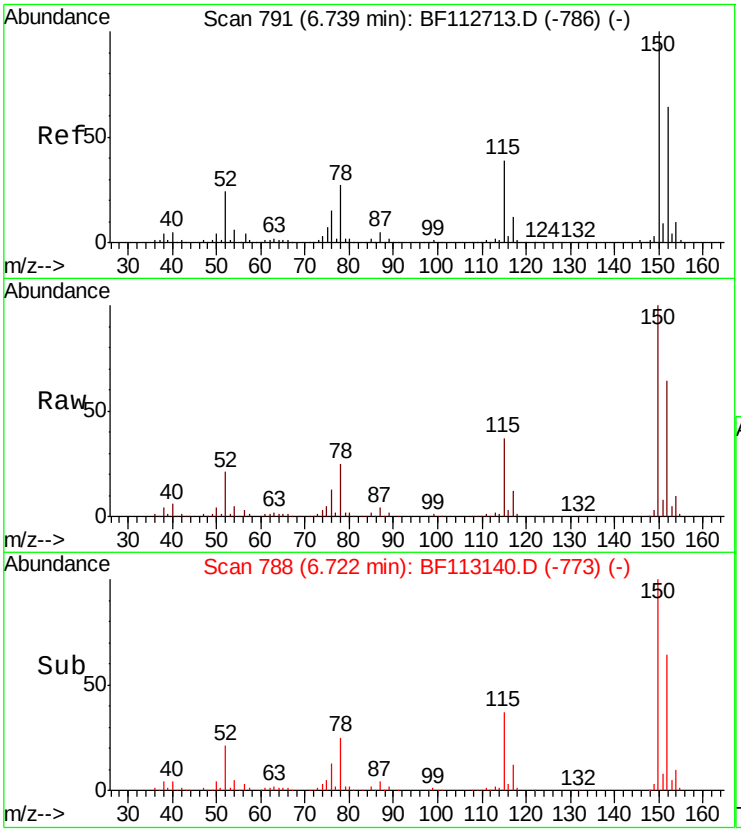


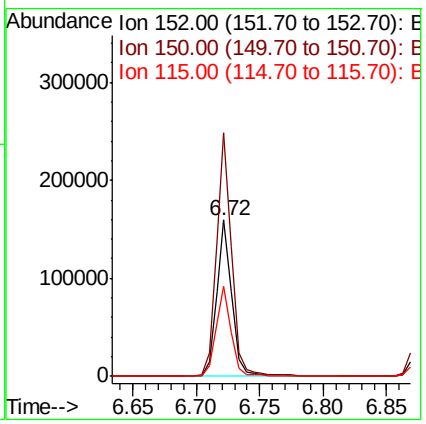


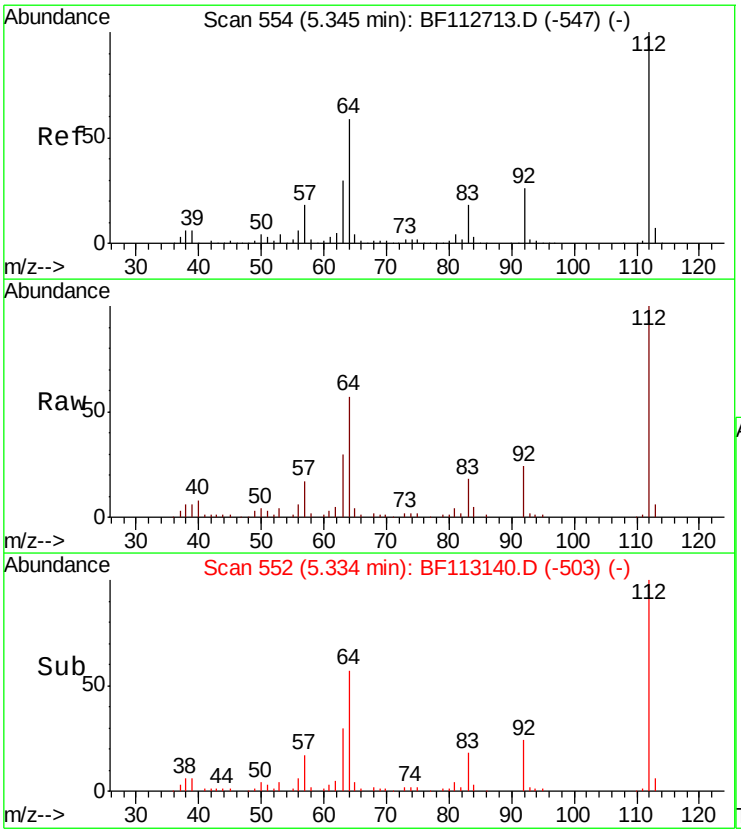
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:152 Resp: 135385

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	57.3	48.2	72.4

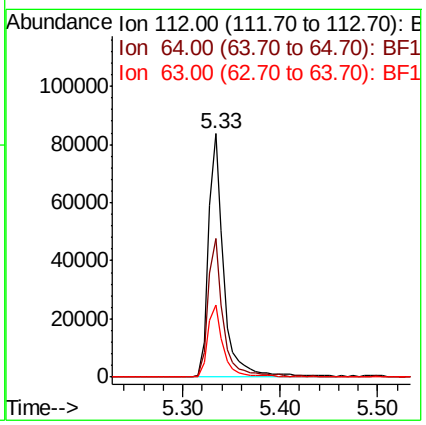


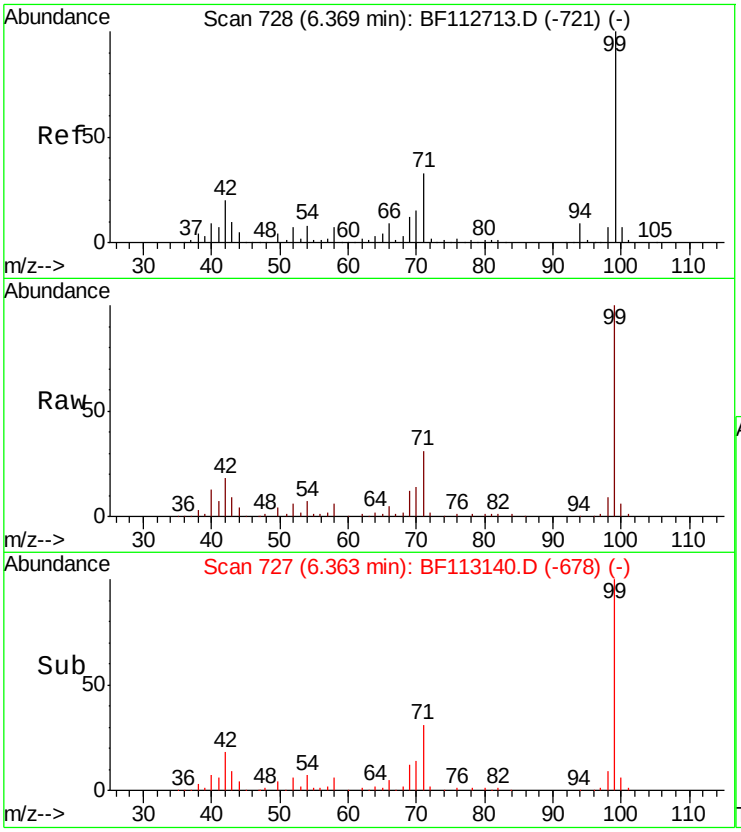


#5
2-Fluorophenol
Concen: 10.414 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:112 Resp: 90641

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.6	71.4
63	29.6	24.4	36.6



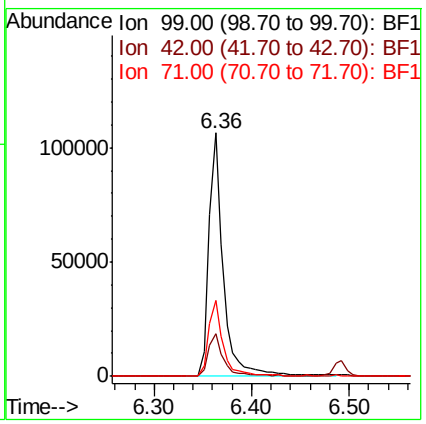


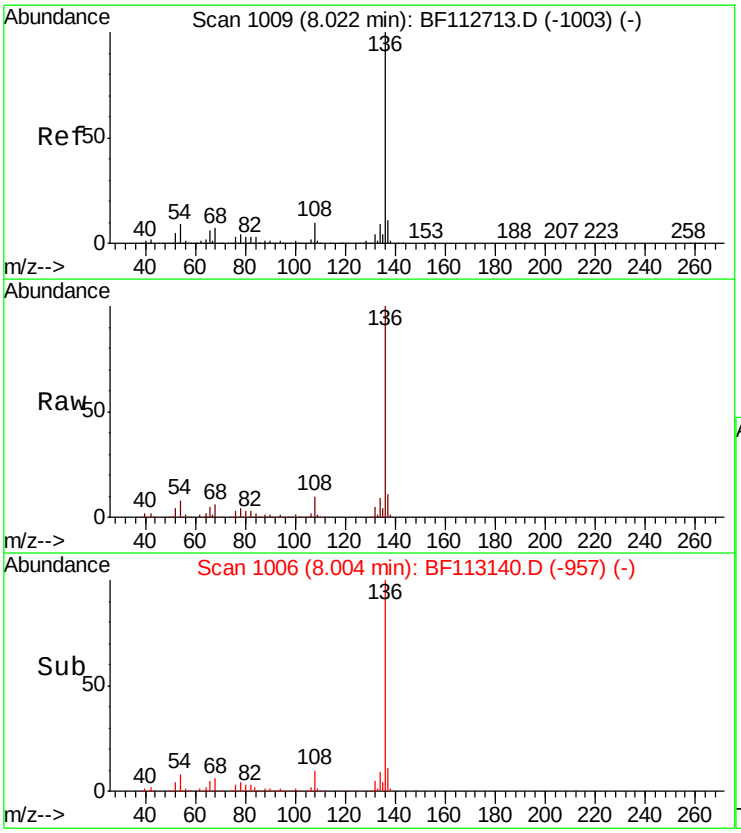
#7
Phenol-d6
Concen: 9.995 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion: 99 Resp: 109269

Ion	Ratio	Lower	Upper
99	100		
42	17.6	16.3	24.5
71	31.2	26.2	39.4

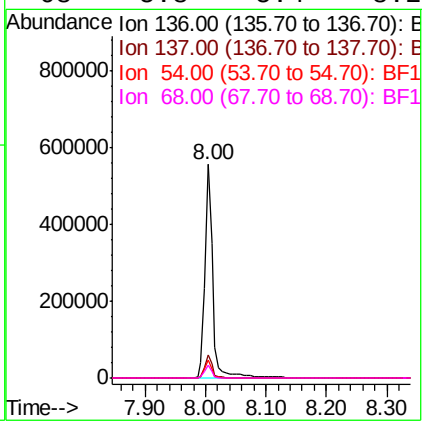


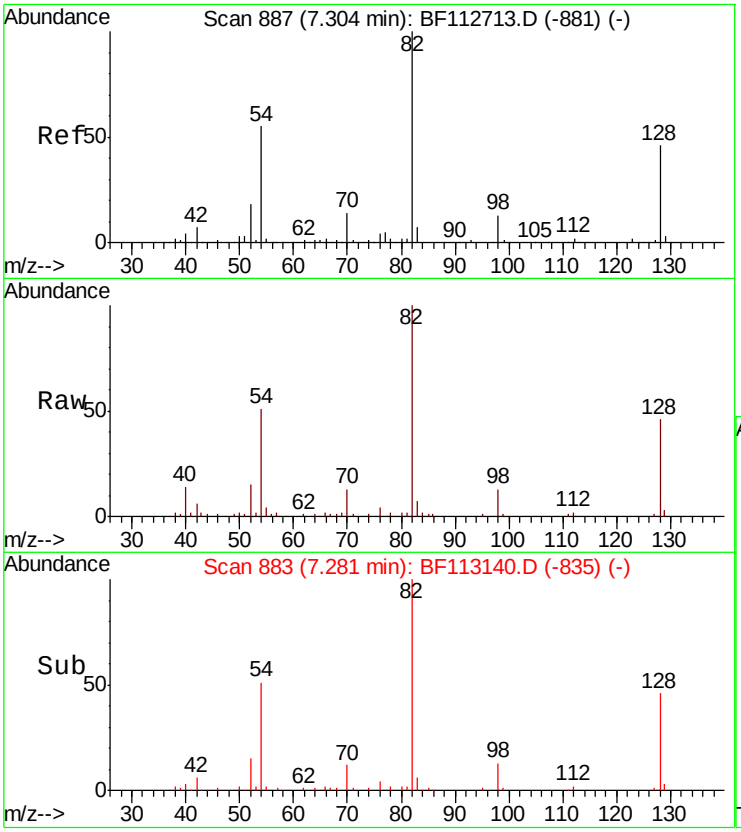


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:136 Resp: 505953

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.3	10.9
68	5.8	5.4	8.2



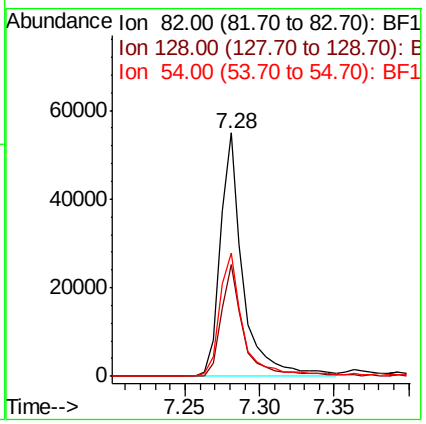


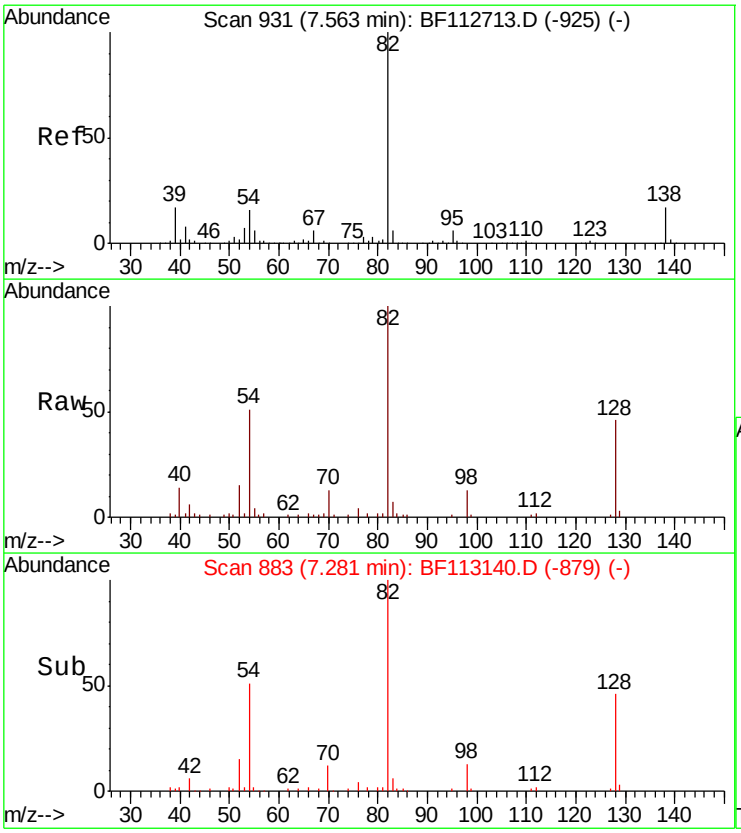
#23
Nitrobenzene-d5
Concen: 6.952 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion: 82 Resp: 58783

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	50.6	43.7	65.5

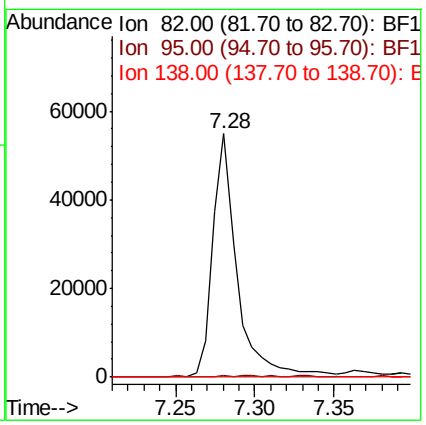


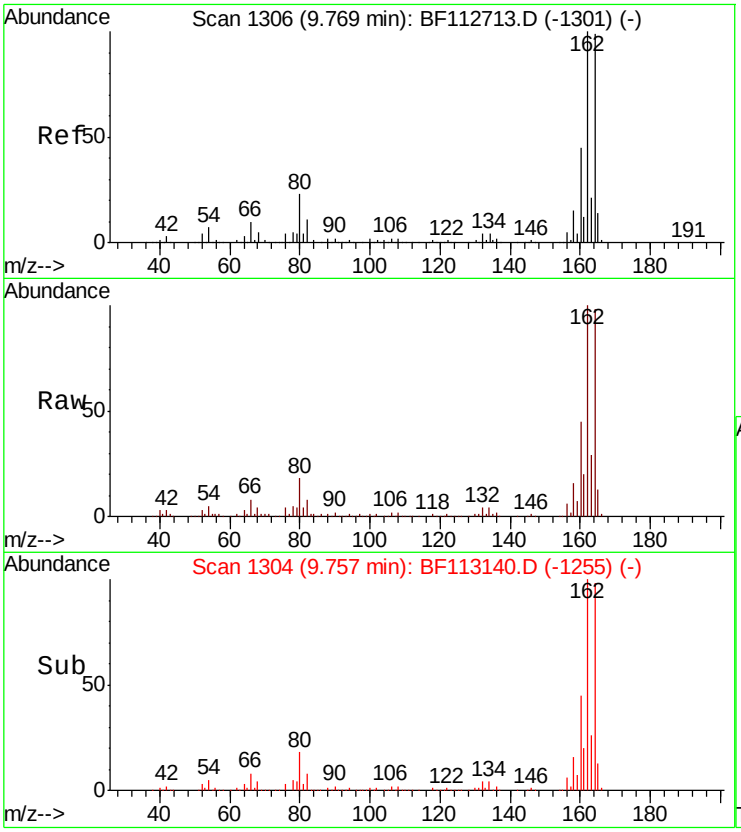


#25
Isophorone
Concen: 3.227 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion: 82 Resp: 58782

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.2	7.8#
138	0.0	13.8	20.8#



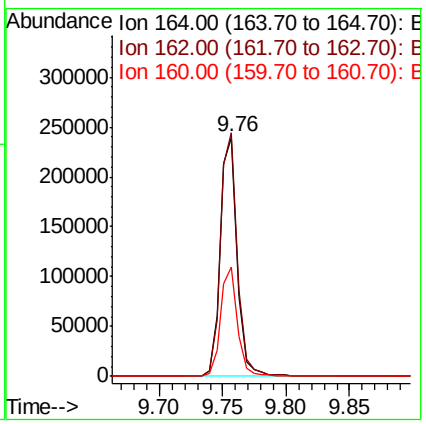


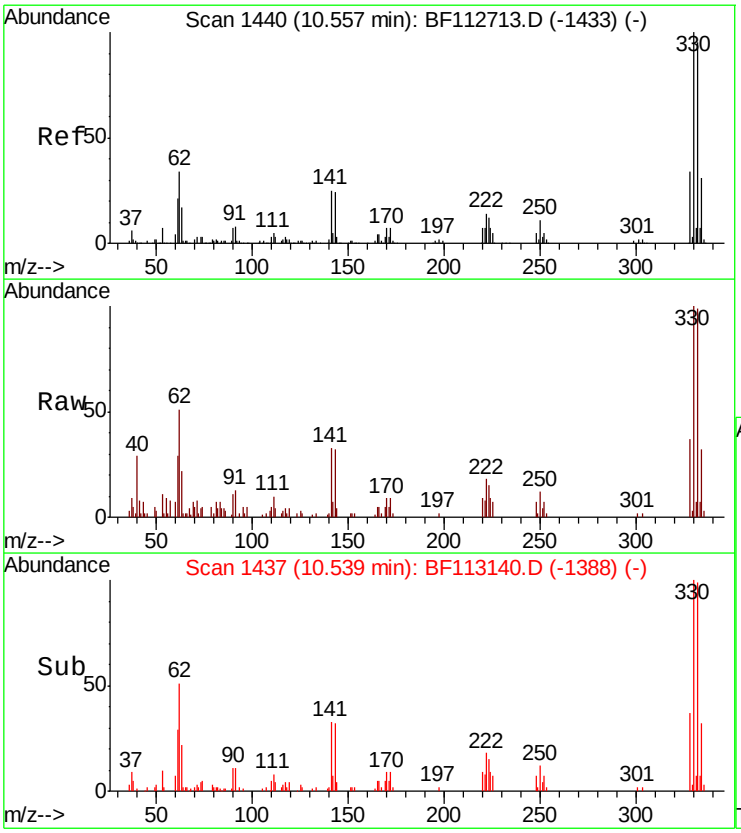
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:164 Resp: 223088

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.9	36.0	54.0

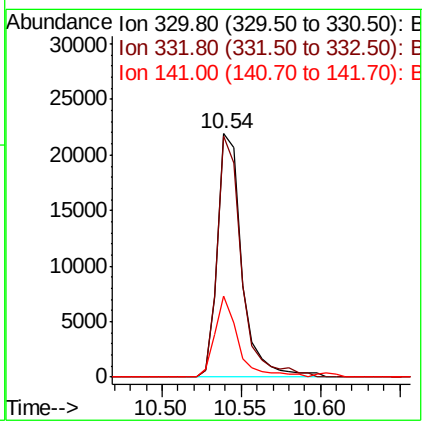


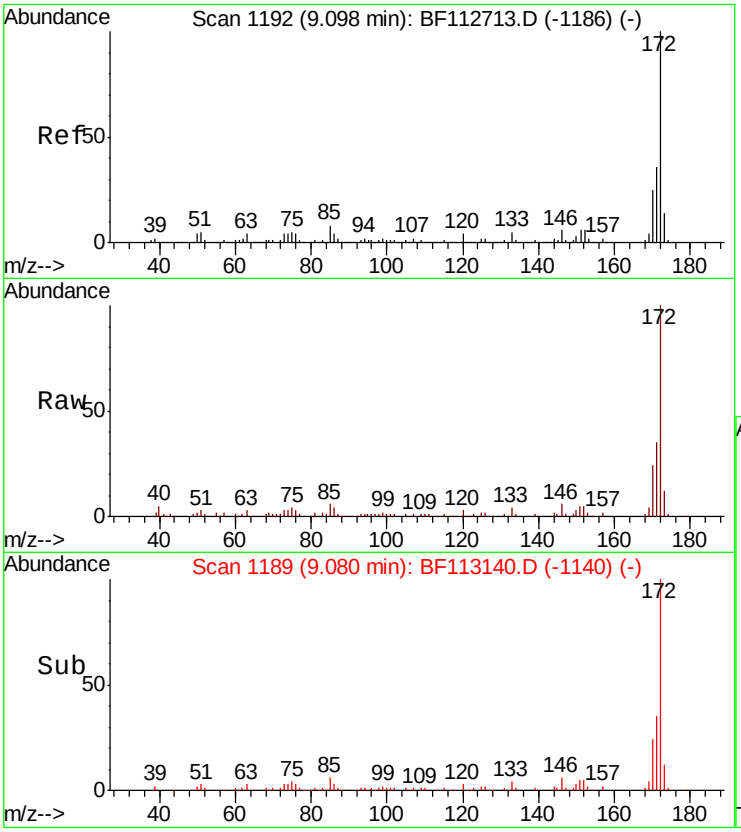


#42
2,4,6-Tribromophenol
Concen: 9.918 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:330 Resp: 23490

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	31.8	27.0	40.6



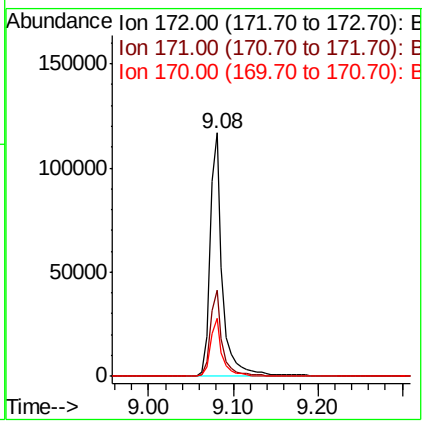


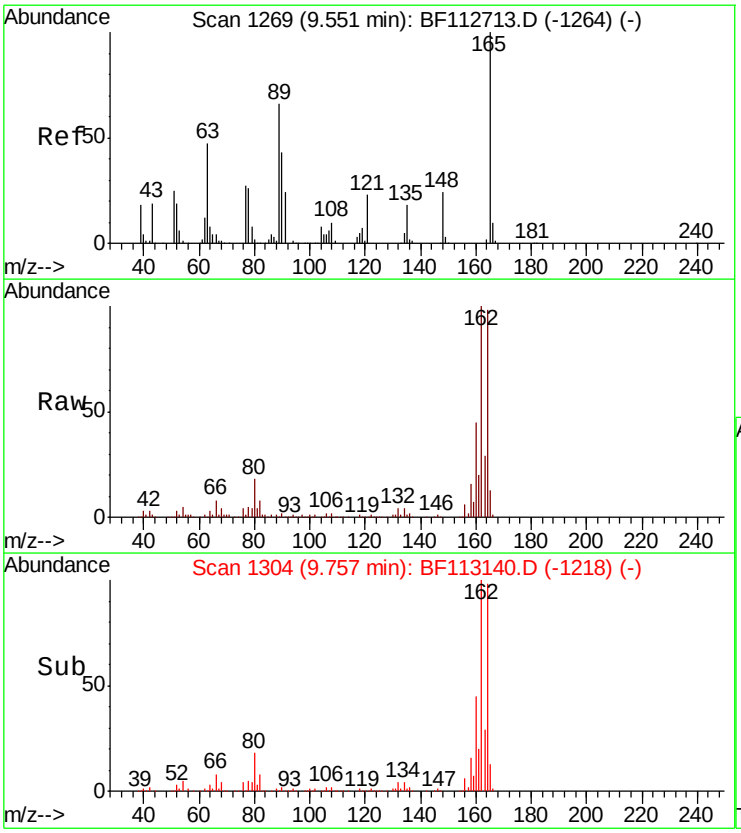
#45
2-Fluorobiphenyl
Concen: 5.930 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:172 Resp: 121344

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.7	20.0	30.0

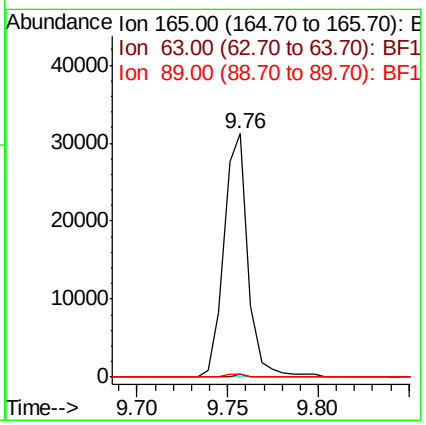


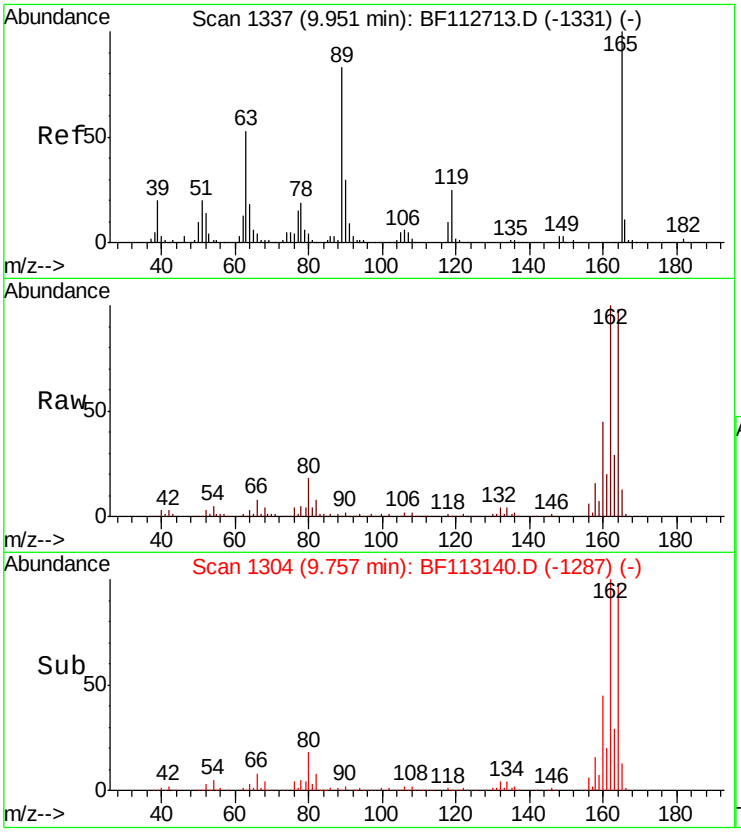


#51
2,6-Dinitrotoluene
Concen: 8.417 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:165 Resp: 28833

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.2	52.8	79.2#



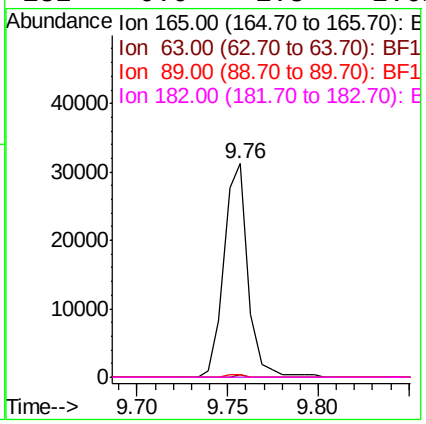


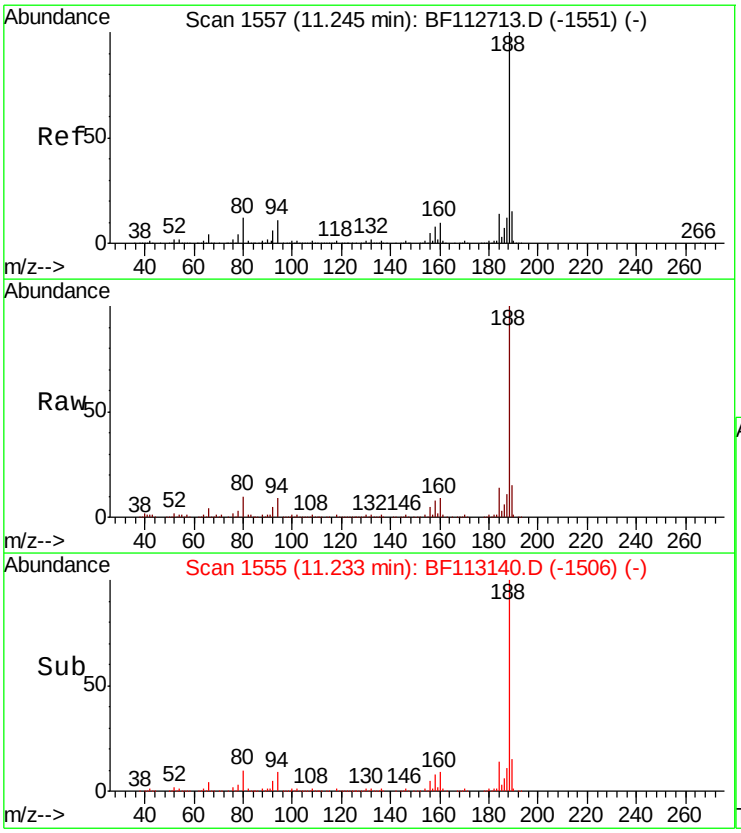
#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:165 Resp: 28833

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

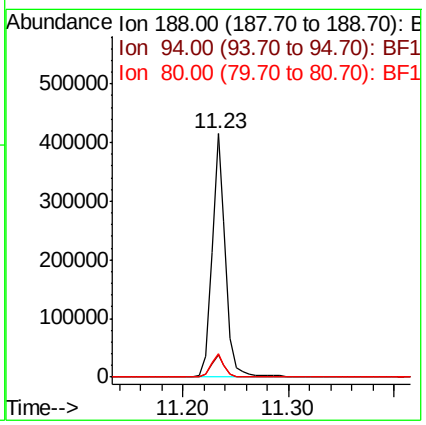


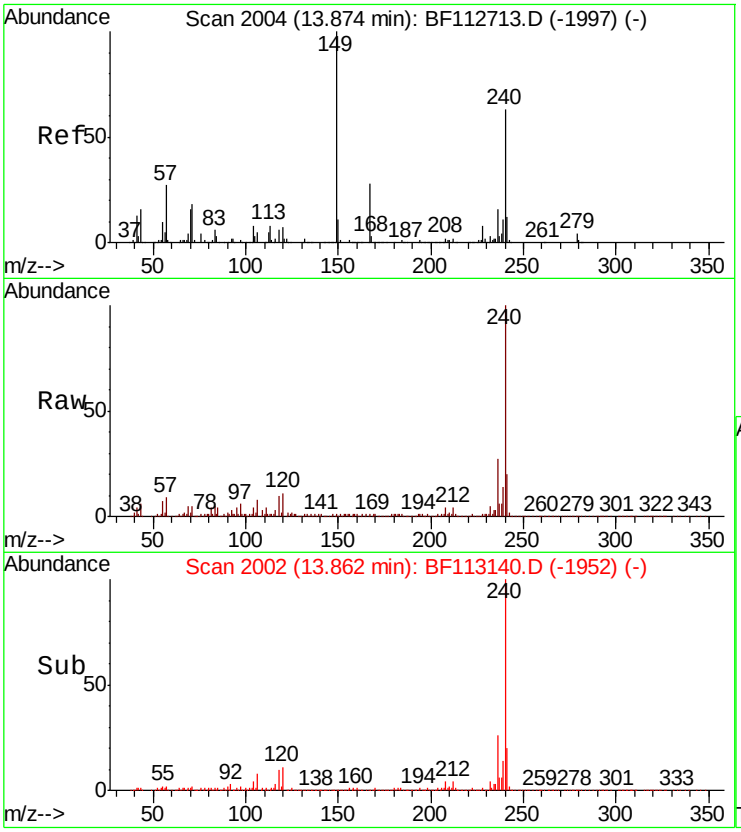


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:188 Resp: 369738

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.6	9.2	13.8



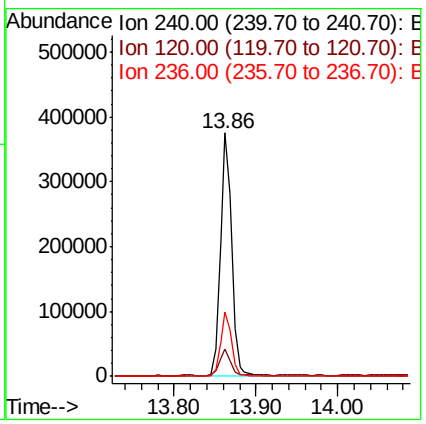


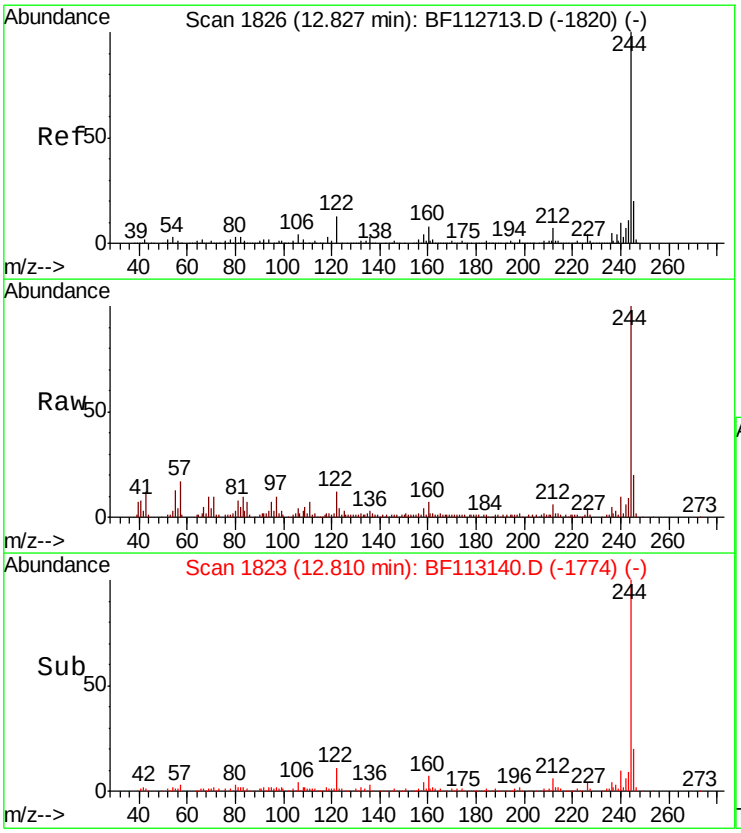
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:240 Resp: 363843

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.5	20.7	31.1

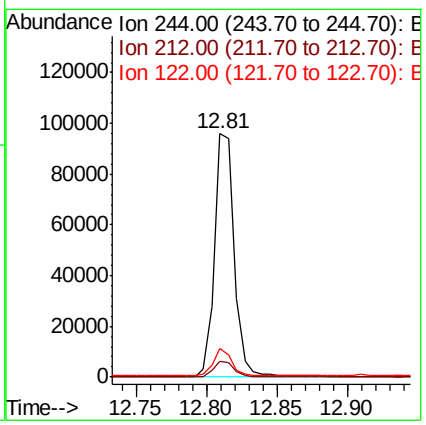


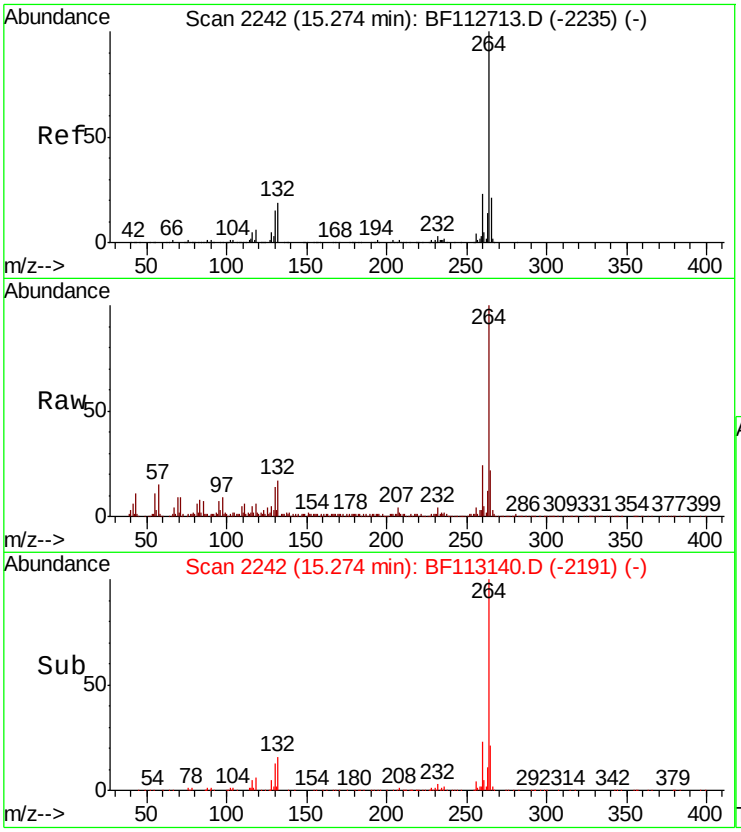


#79
Terphenyl-d14
Concen: 5.007 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:244 Resp: 93986

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	11.7	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion:264 Resp: 250955

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.2	25.8