Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112836.D
Acq On : 4 Mar 2019 20:40
Operator : JU/SJ
Sample : K1688-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-H

Quant Time: Mar 05 00:39:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156949	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	581914	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	255357	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	478451	20.00	ng	0.01
76) Chrysene-d12	13.89	240	392529	20.00	ng	0.01
87) Perylene-d12	15.30	264	285591	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	249239	24.70	ng	0.00
7) Phenol-d6	6.37	99	337751	26.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	182524	18.77	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	80942	29.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	342063	17.35	ng	0.00
79) Terphenyl-d14	12.84	244	338634	16.72	ng	0.01
Target Compounds						Qvalue
57) 2,4-Dinitrotoluene	9.77	165	34344	7.047	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.60	198	106	4.661	ng	# 1

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

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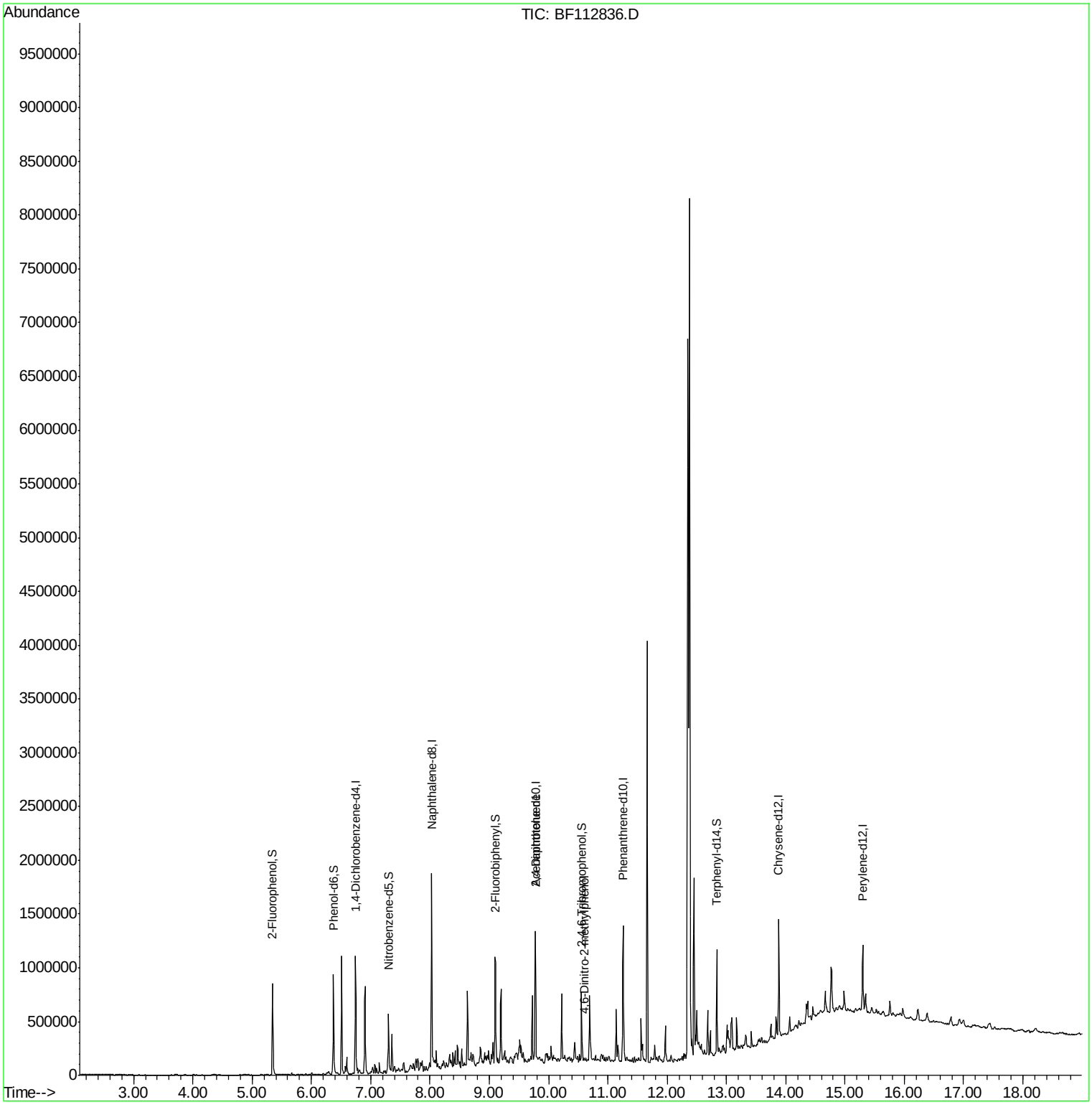
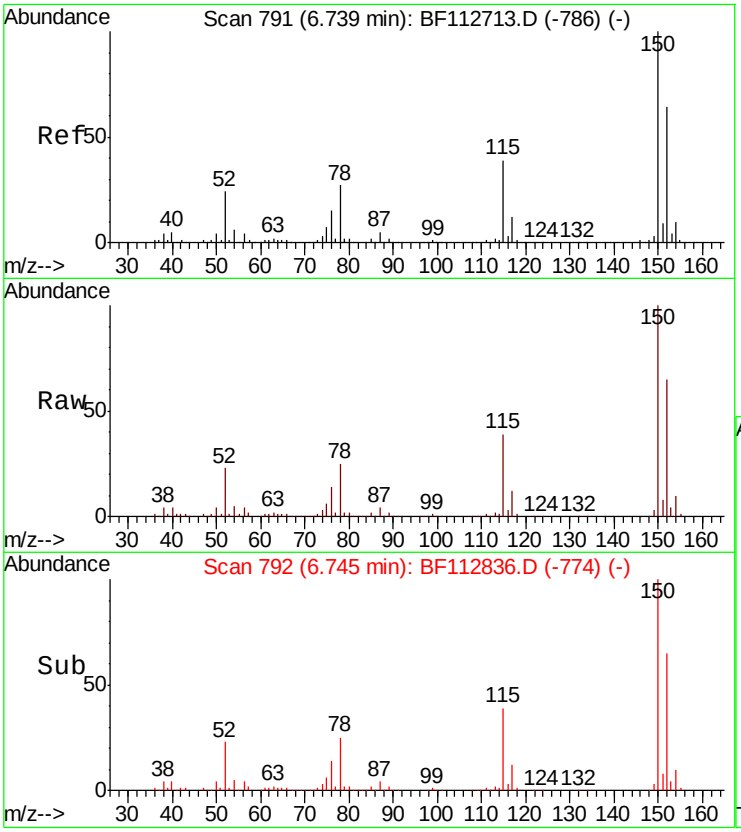


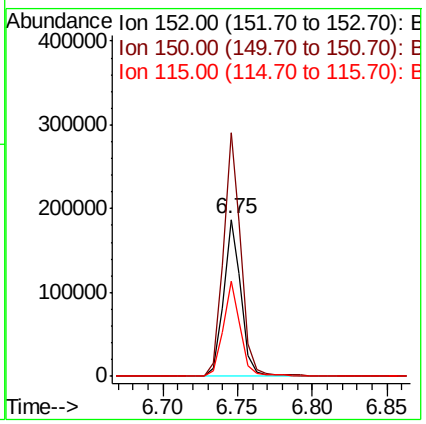


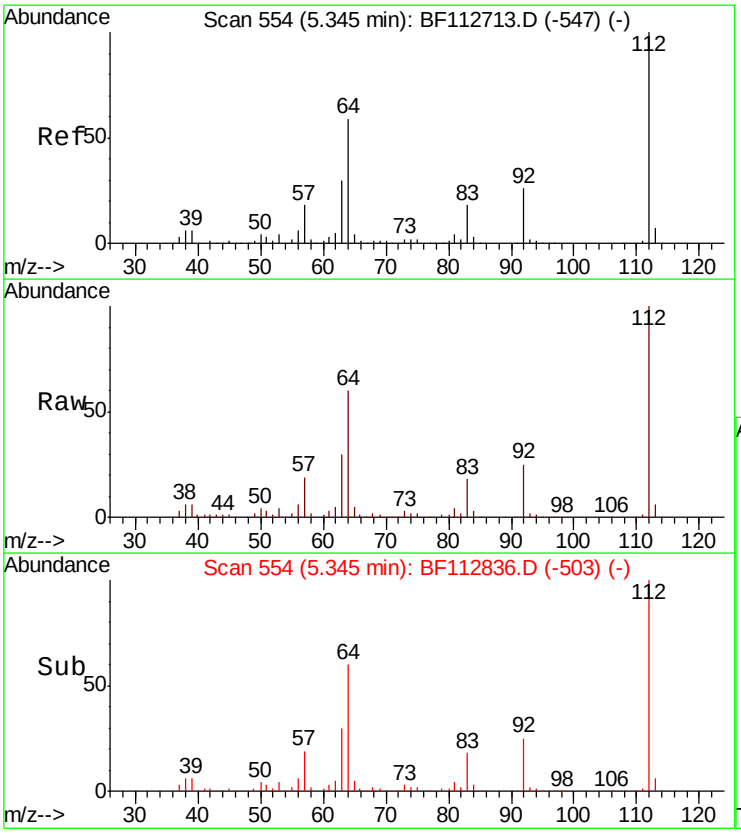
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion:152 Resp: 156949

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	60.3	48.2	72.4

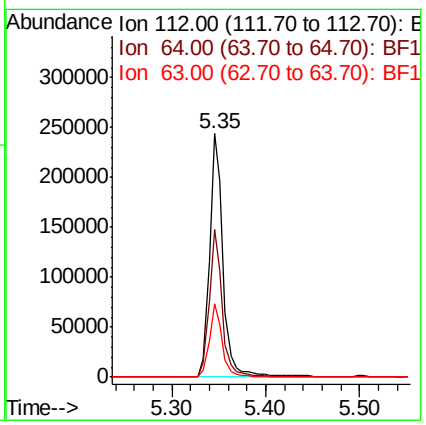


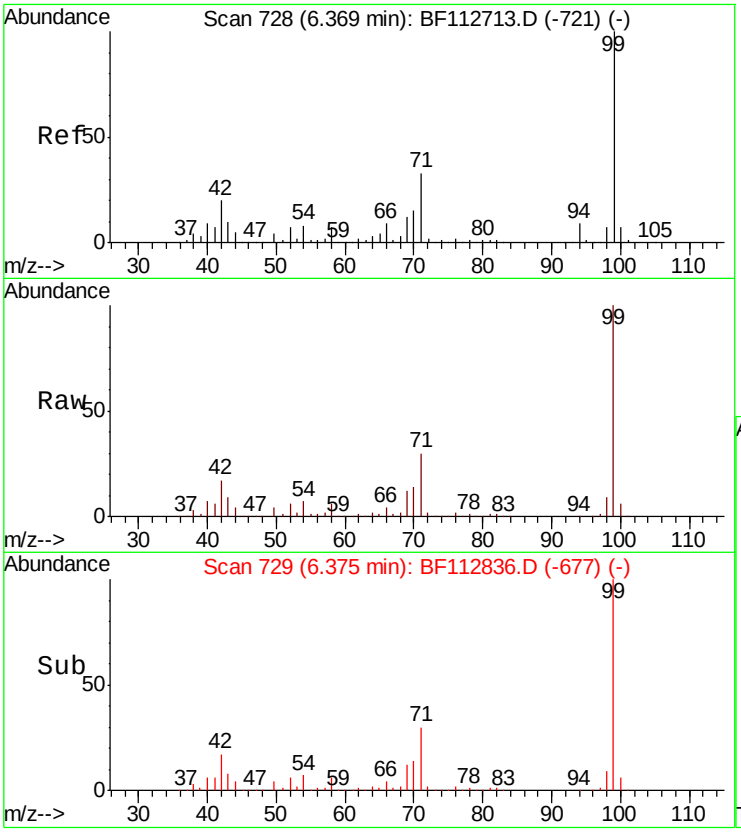


#5
2-Fluorophenol
Concen: 24.702 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:112 Resp: 249239

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.6	71.4
63	30.4	24.4	36.6



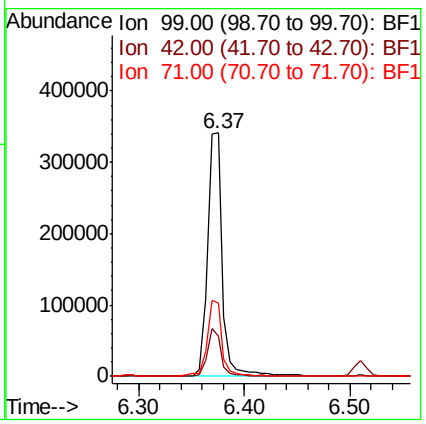


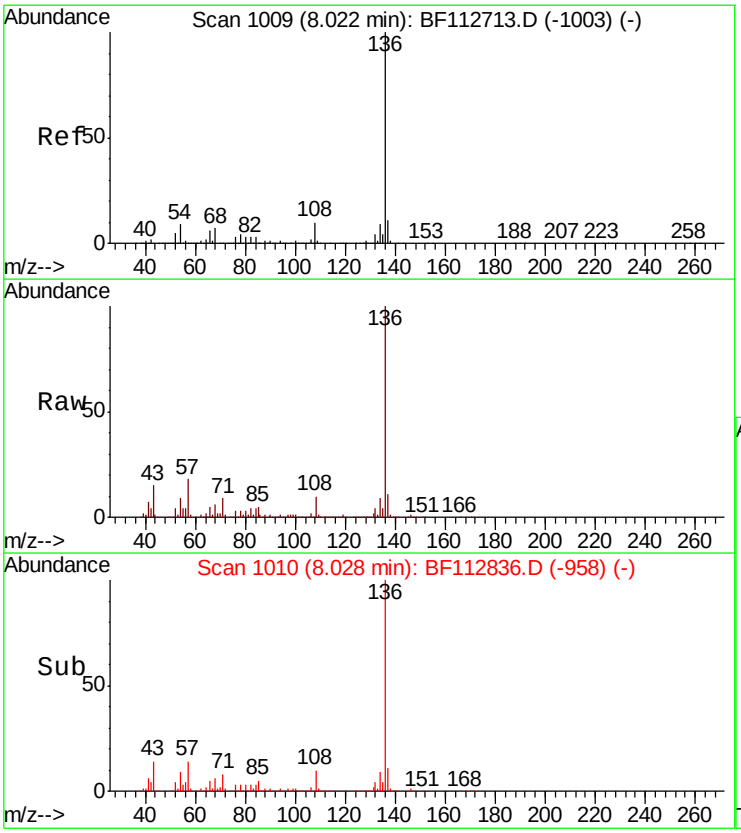
#7
Phenol-d6
Concen: 26.649 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion: 99 Resp: 337751

Ion	Ratio	Lower	Upper
99	100		
42	16.5	16.3	24.5
71	30.2	26.2	39.4

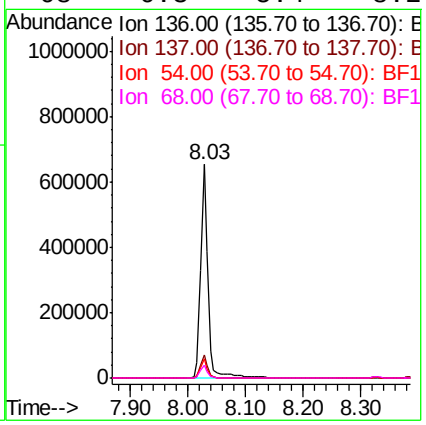


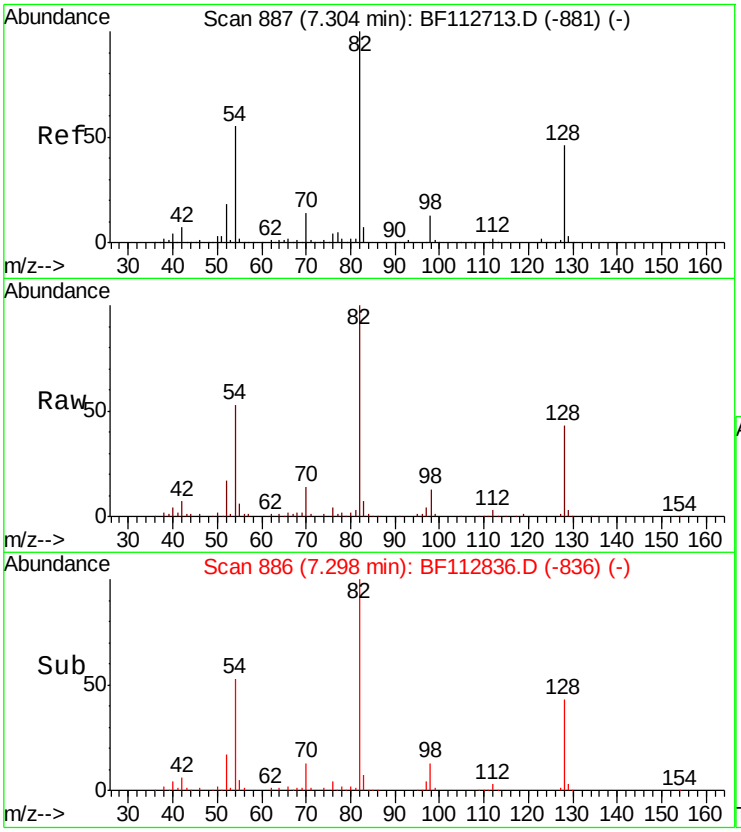


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:136 Resp: 581914

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.3	10.9
68	6.3	5.4	8.2



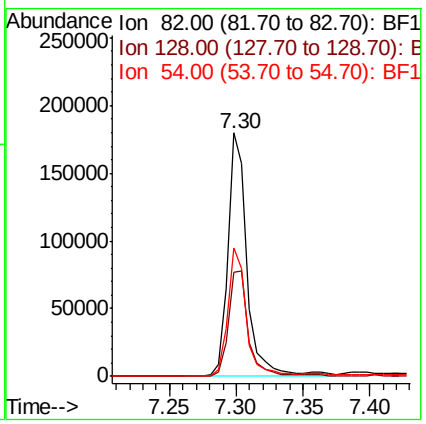


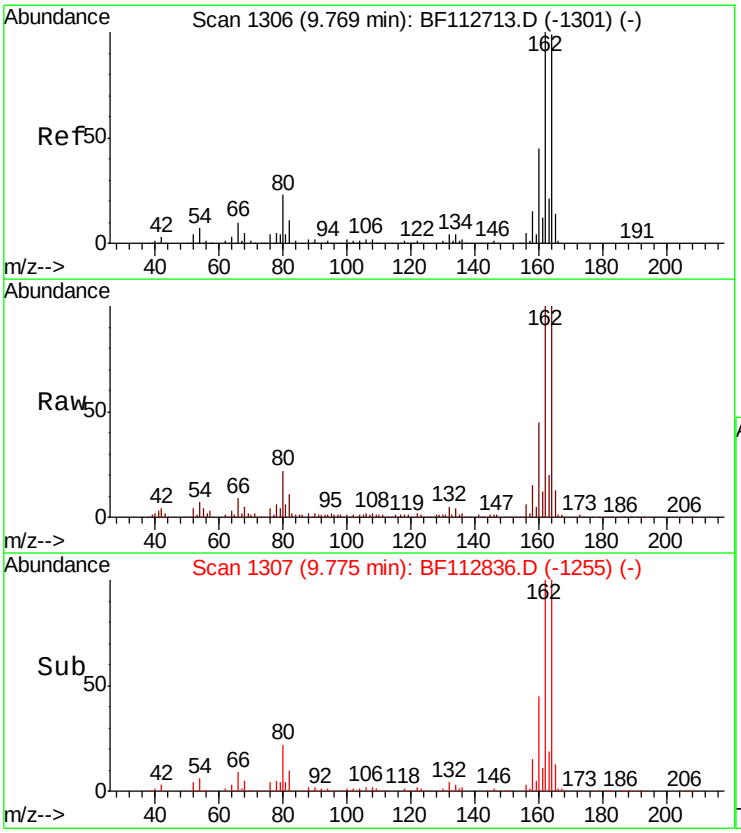
#23
Nitrobenzene-d5
Concen: 18.769 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion: 82 Resp: 182524

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.3	54.5
54	52.7	43.7	65.5

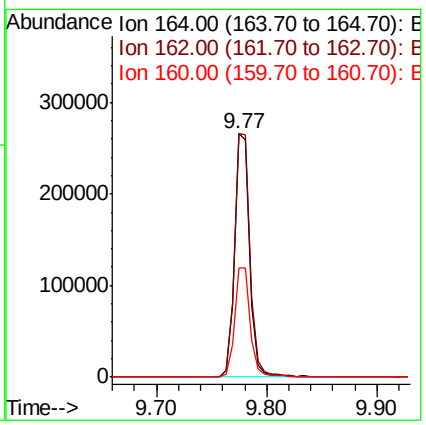


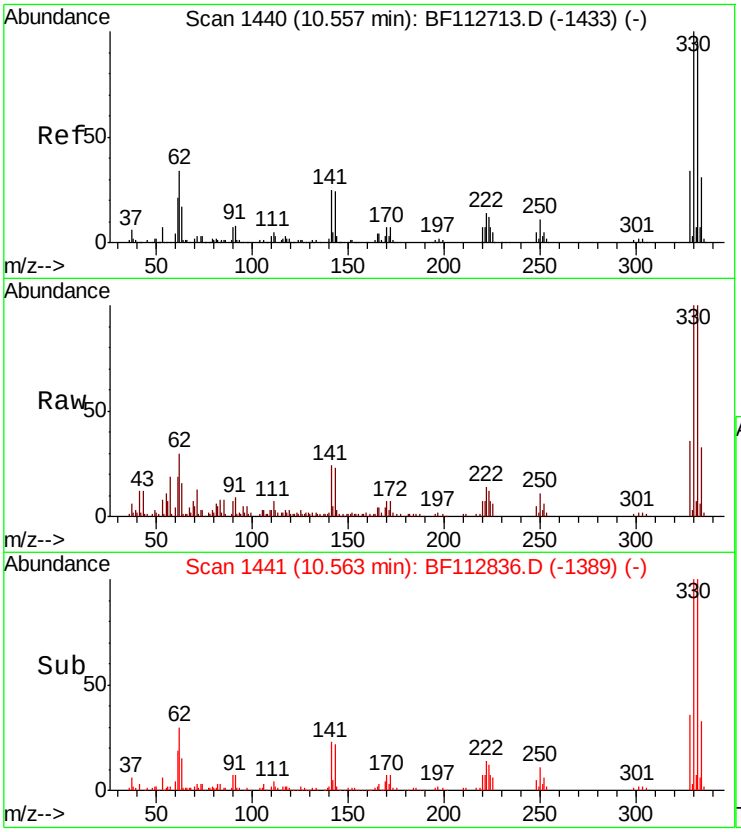


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:164 Resp: 255357

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	45.1	36.0	54.0



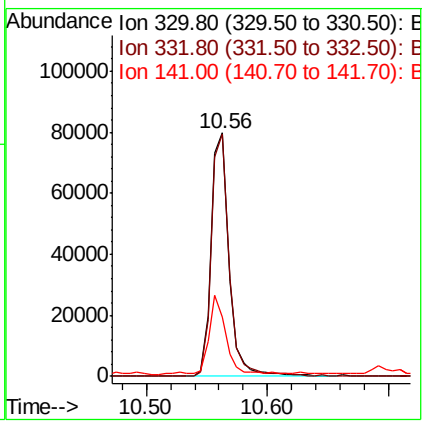


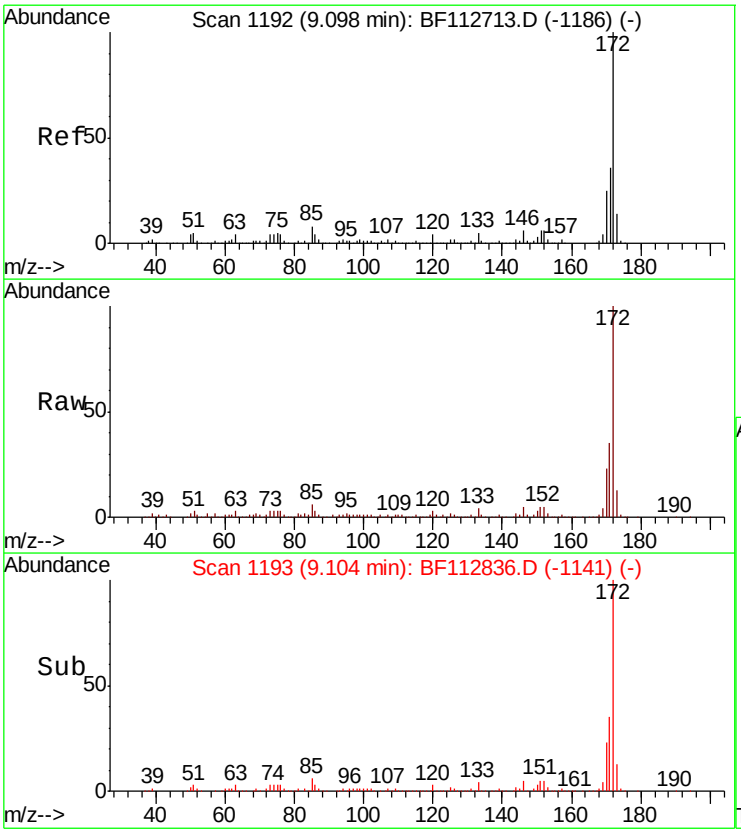
#42
2,4,6-Tribromophenol
Concen: 29.858 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion:330 Resp: 80942

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.4
141	29.1	27.0	40.6

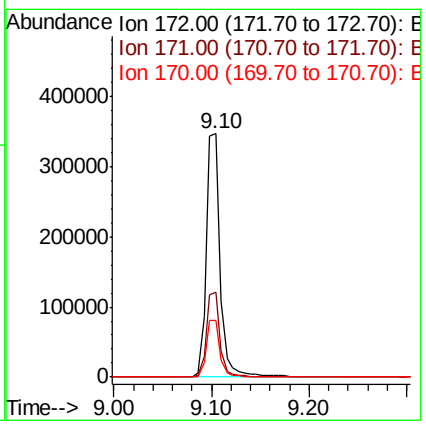


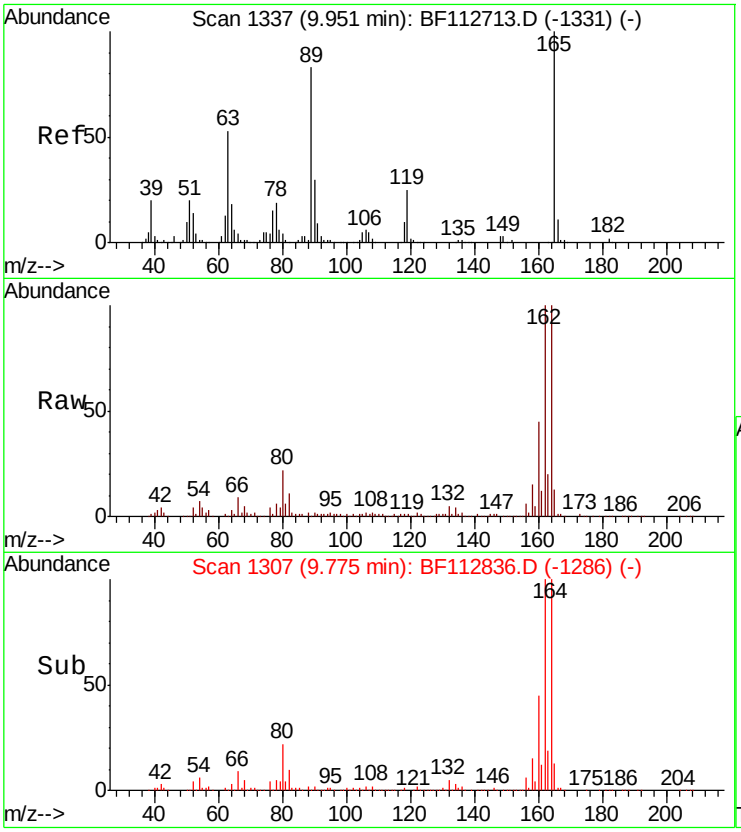


#45
2-Fluorobiphenyl
Concen: 17.347 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:172 Resp: 342063

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.2	20.0	30.0



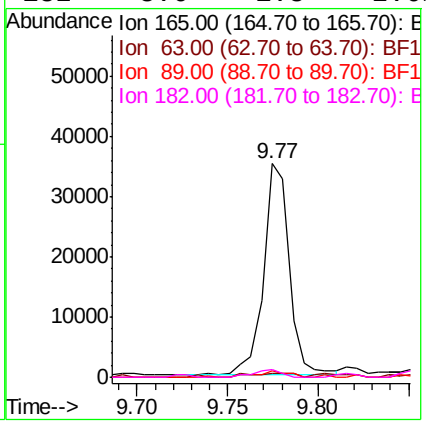


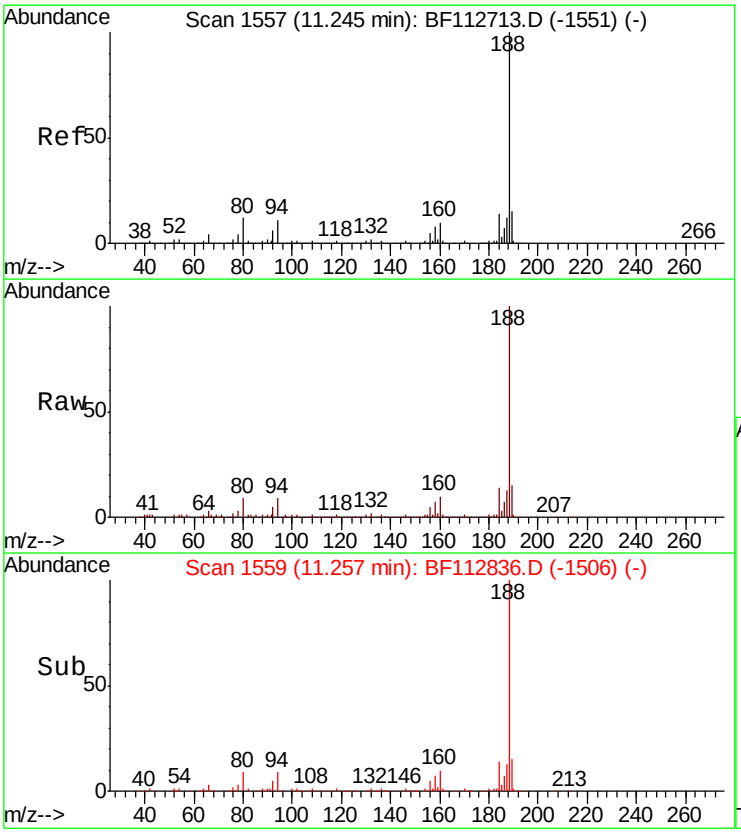
#57
2,4-Dinitrotoluene
Concen: 7.047 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion:165 Resp: 34344

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	2.9	66.2	99.4#
182	3.6	1.8	2.6#

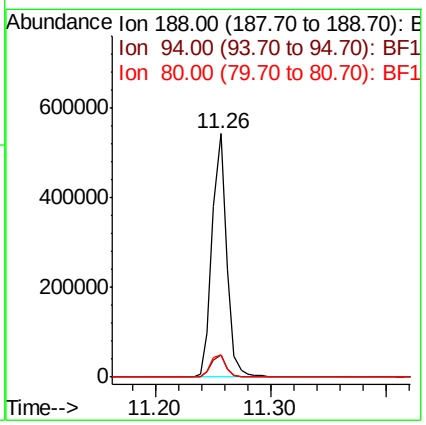


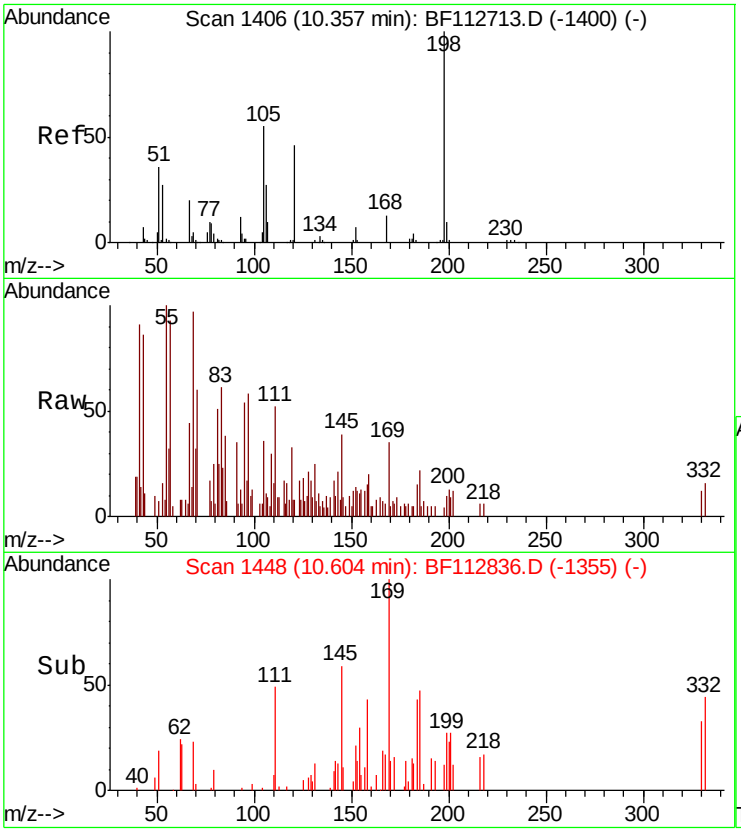


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:188 Resp: 478451

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.3	9.2	13.8



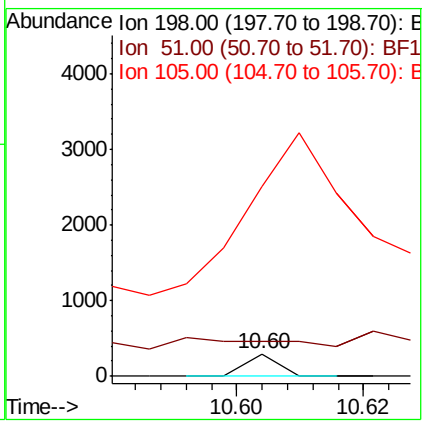


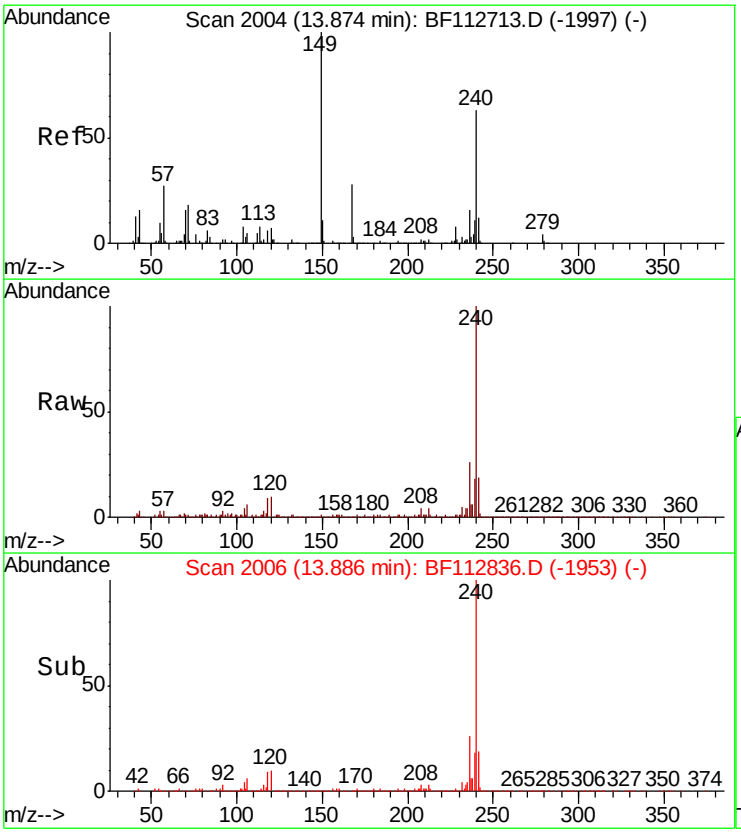
#65
4,6-Dinitro-2-methylphenol
Concen: 4.661 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.25 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	155.1	43.8	83.8#
105	834.9	36.5	76.5#

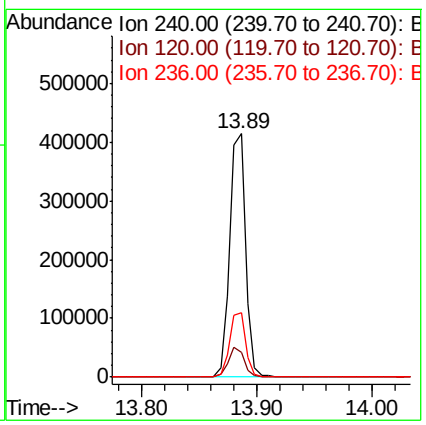


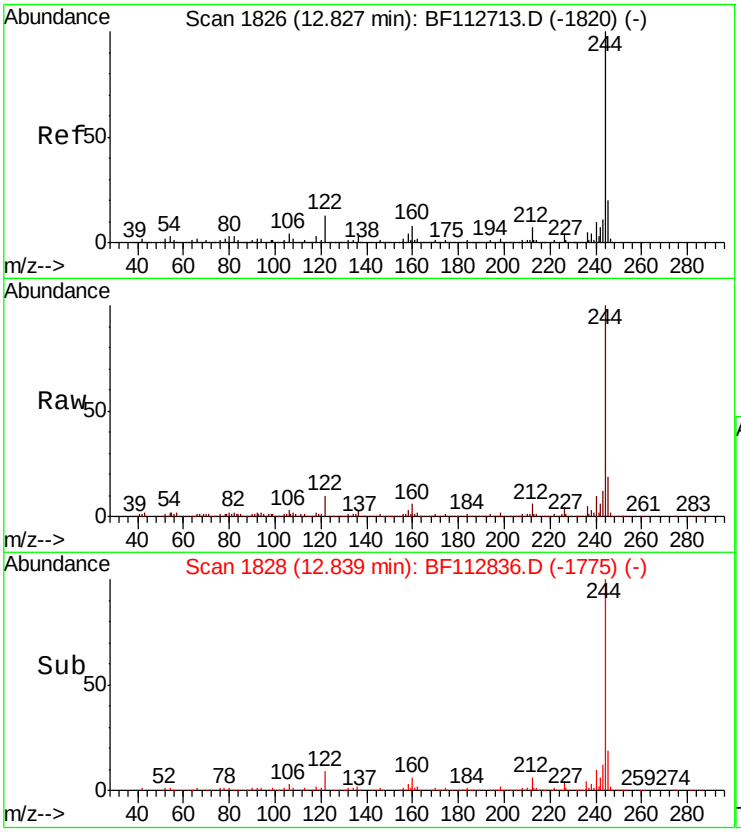


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:240 Resp: 392529

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	26.5	20.7	31.1



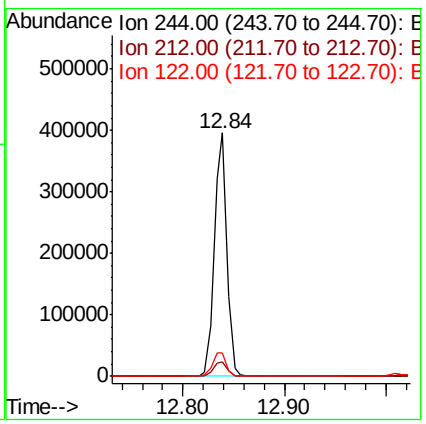


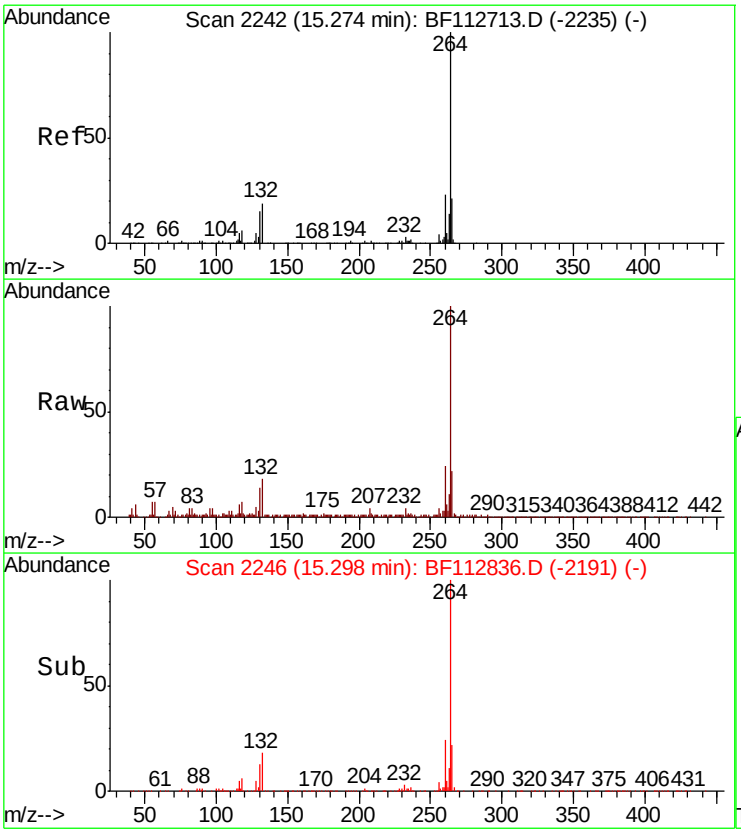
#79
Terphenyl-d14
Concen: 16.723 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion:244 Resp: 338634

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	9.6	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion:264 Resp: 285591

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.3	17.2	25.8