Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112834.D
Acq On : 4 Mar 2019 19:45
Operator : JU/SJ
Sample : K1688-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Mar 05 00:39:24 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	158659	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	579384	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	258744	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	496393	20.00	ng	0.01
76) Chrysene-d12	13.89	240	410223	20.00	ng	0.01
87) Perylene-d12	15.30	264	294118	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	254382	24.94	ng	0.00
7) Phenol-d6	6.37	99	340671	26.59	ng	0.00
23) Nitrobenzene-d5	7.30	82	183226	18.92	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	84866	30.90	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	326230	16.19	ng	0.00
79) Terphenyl-d14	12.84	244	321983	15.22	ng	0.01
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.77	165	35009	8.812	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.60	198	128	4.669	ng	# 1

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

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ALS Vial : 20 Sample Multiplier: 1

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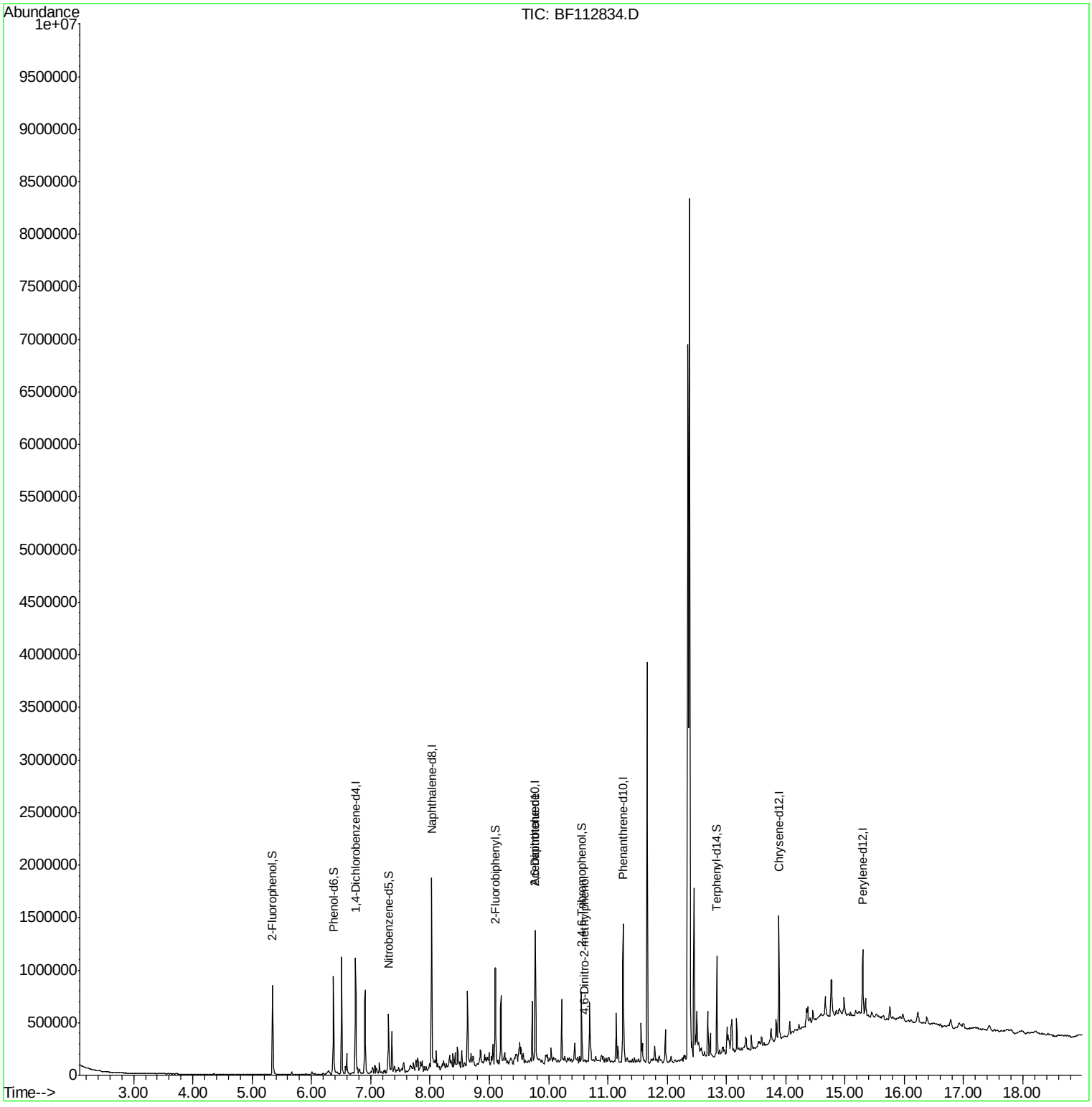
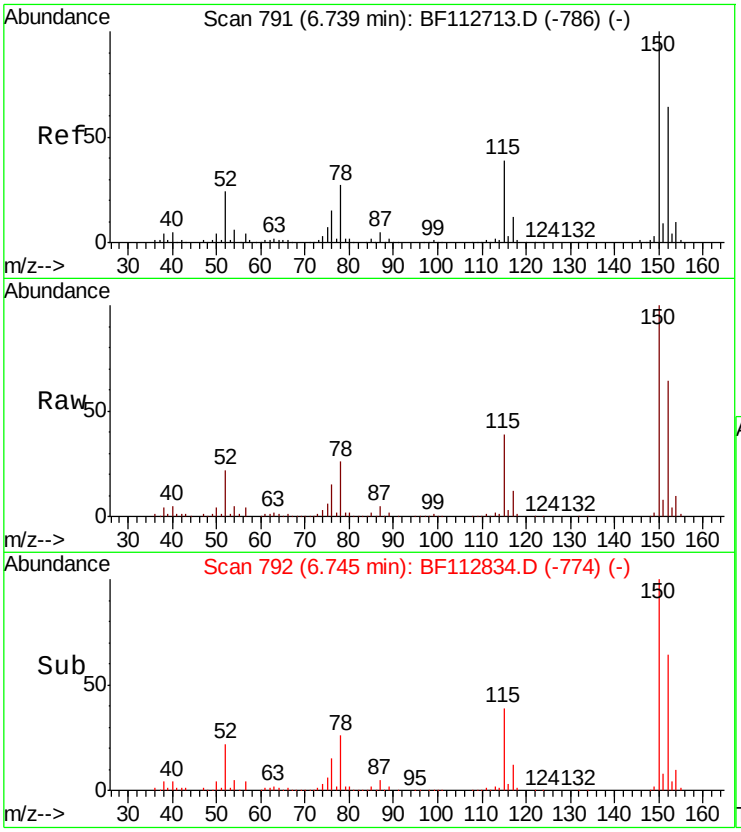


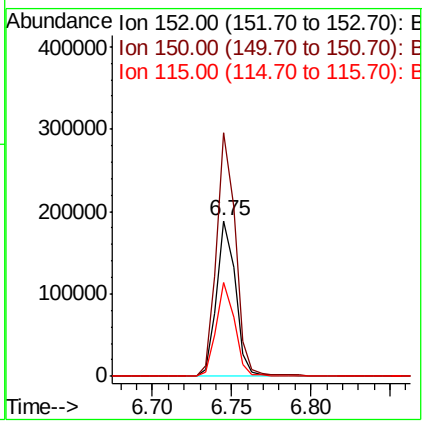


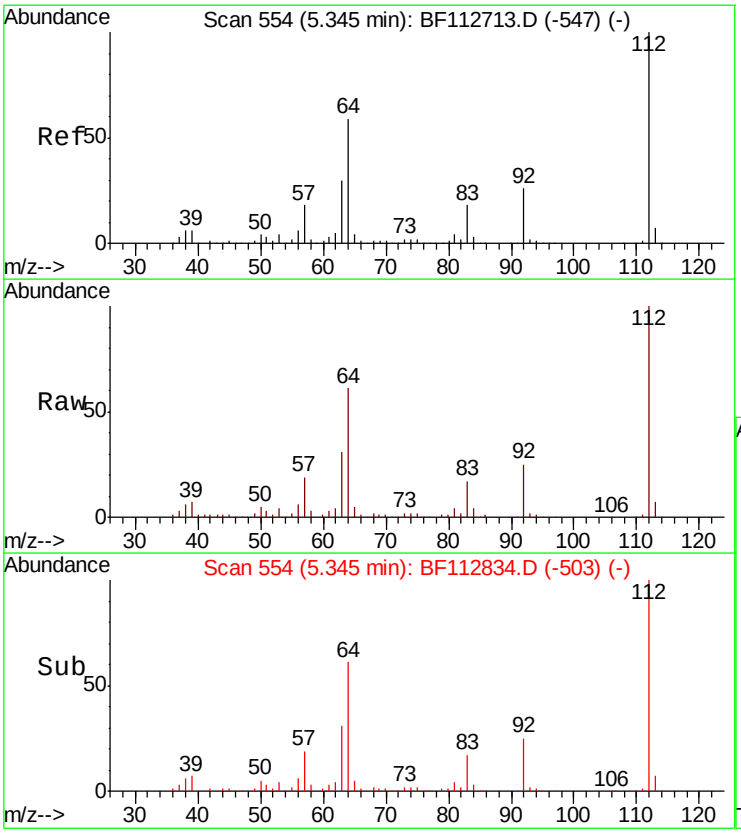
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion:152 Resp: 158659

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	60.8	48.2	72.4

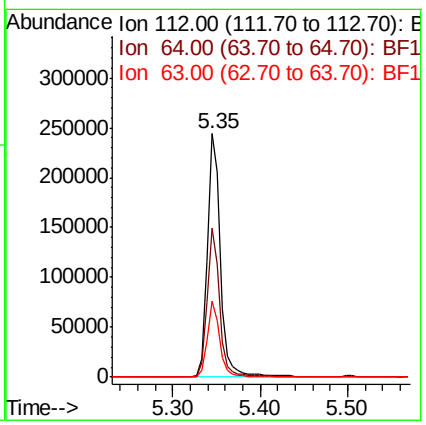


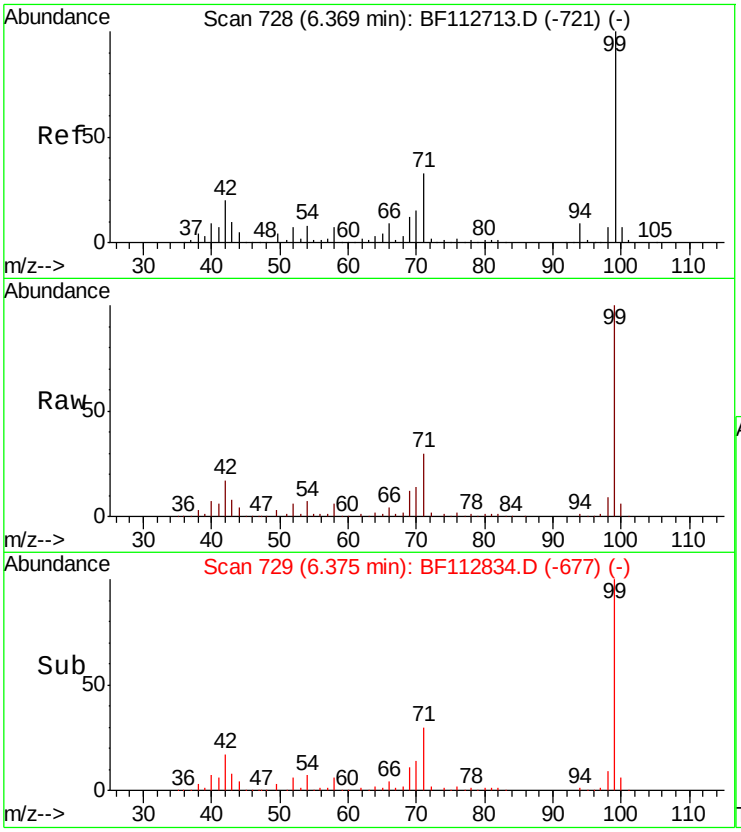


#5
2-Fluorophenol
Concen: 24.940 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:112 Resp: 254382

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.6	71.4
63	31.2	24.4	36.6



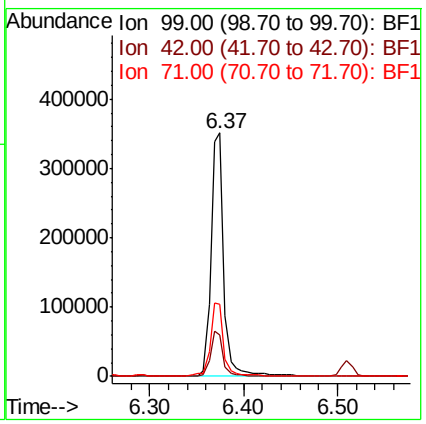


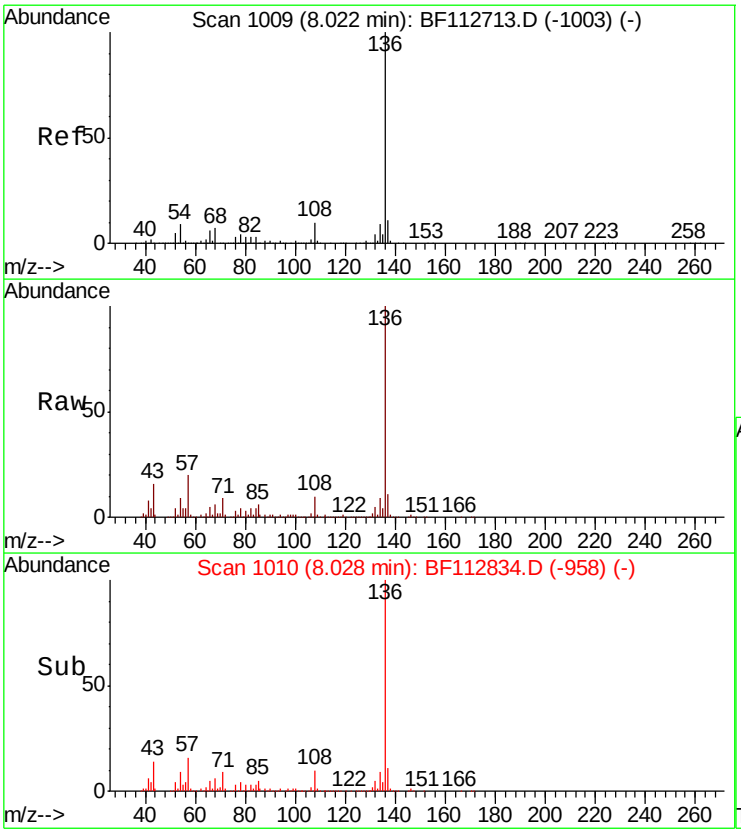
#7
Phenol-d6
Concen: 26.589 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion: 99 Resp: 340671

Ion	Ratio	Lower	Upper
99	100		
42	17.1	16.3	24.5
71	29.7	26.2	39.4

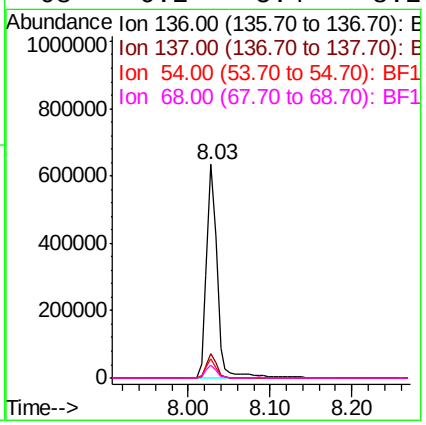


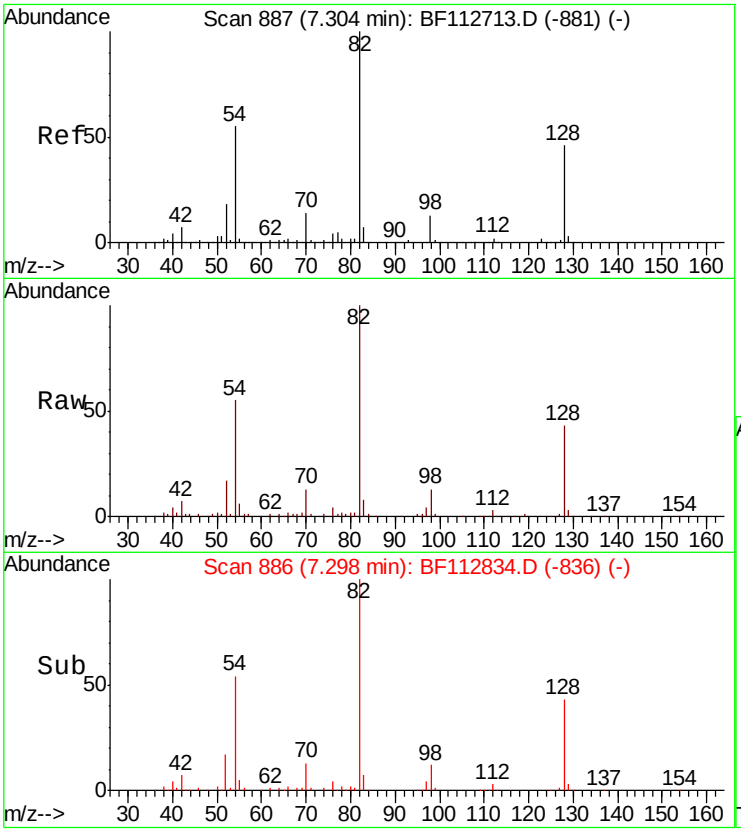


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:136 Resp: 579384

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	7.3	10.9
68	6.2	5.4	8.2



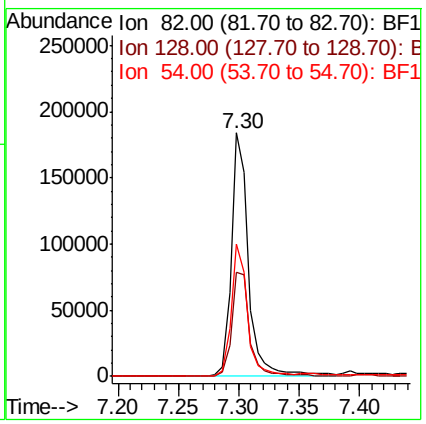


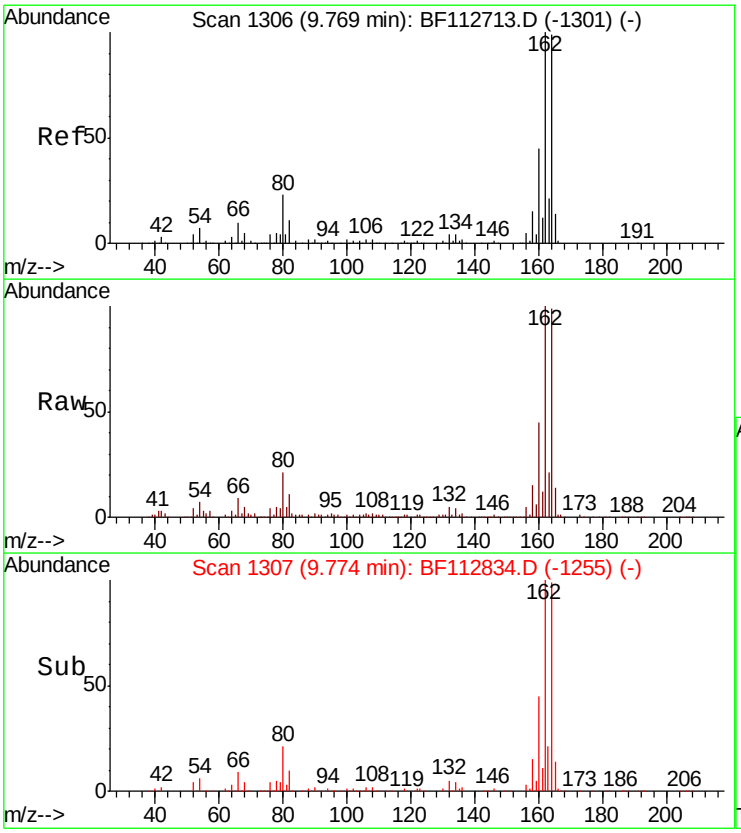
#23
Nitrobenzene-d5
Concen: 18.923 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion: 82 Resp: 183226

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.3	54.5
54	54.6	43.7	65.5

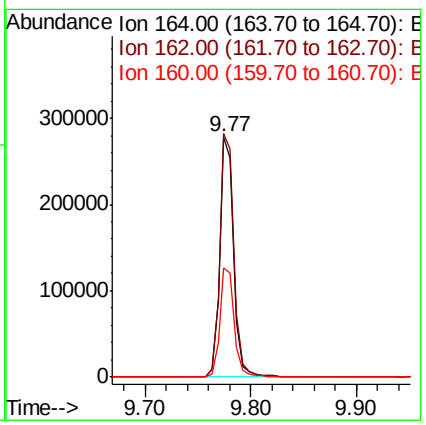


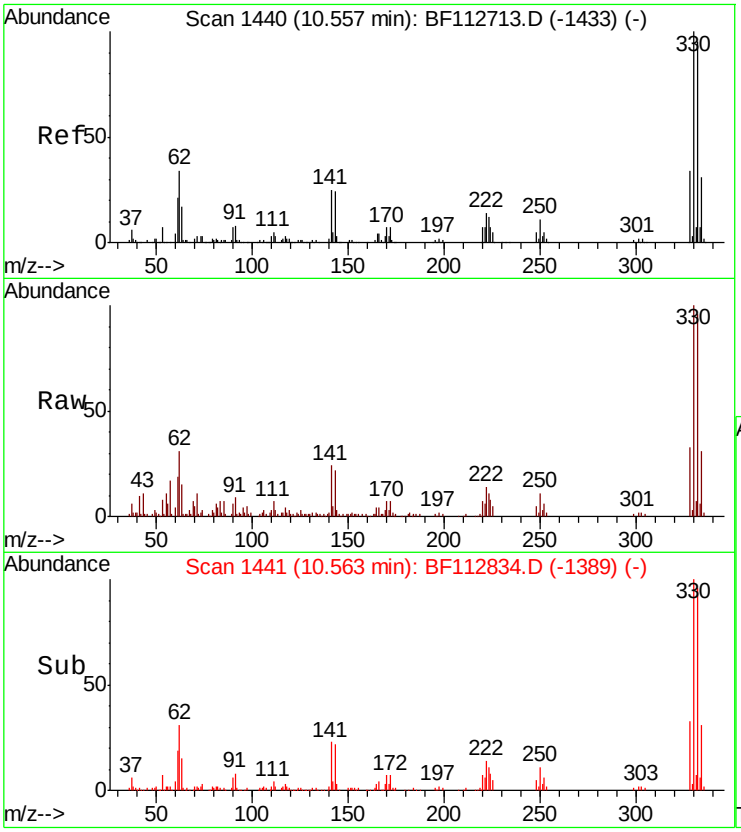


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:164 Resp: 258744

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.5	36.0	54.0



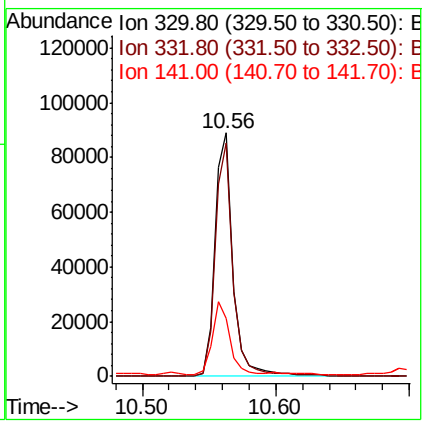


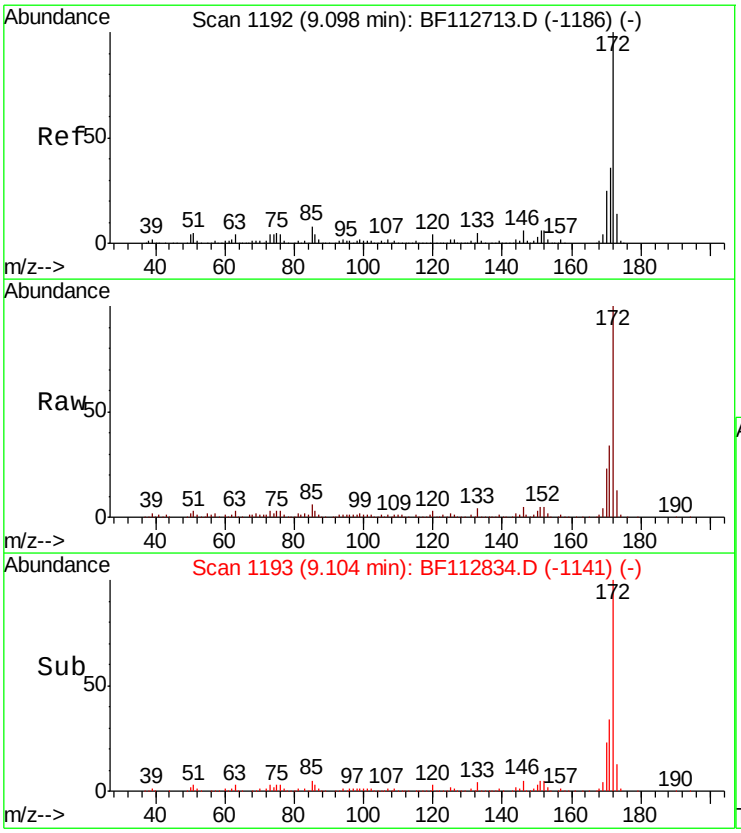
#42
2,4,6-Tribromophenol
Concen: 30.895 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion:330 Resp: 84866

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.4
141	28.6	27.0	40.6

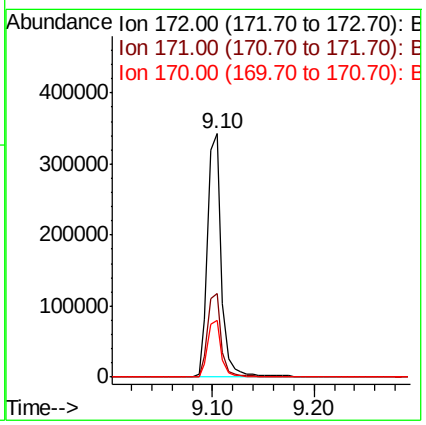


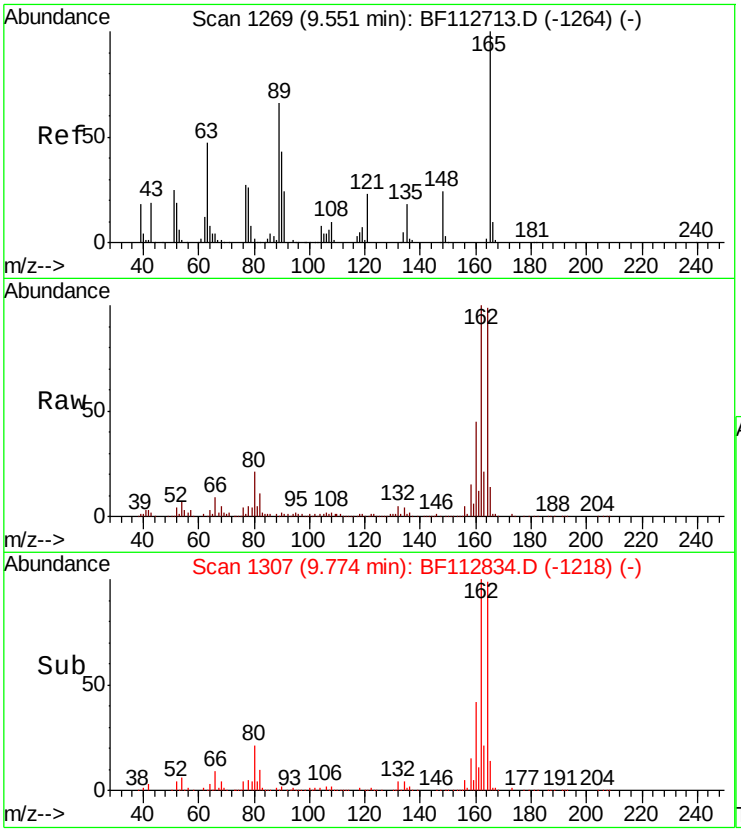


#45
2-Fluorobiphenyl
Concen: 16.188 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:172 Resp: 326230

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.4
170	23.3	20.0	30.0



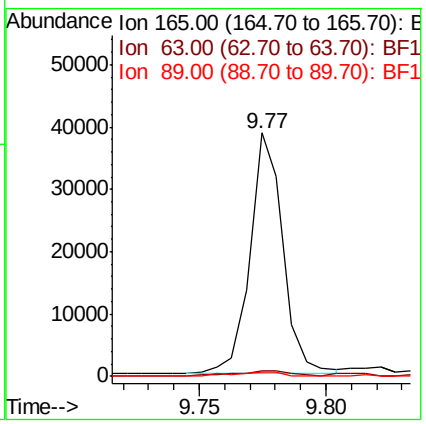


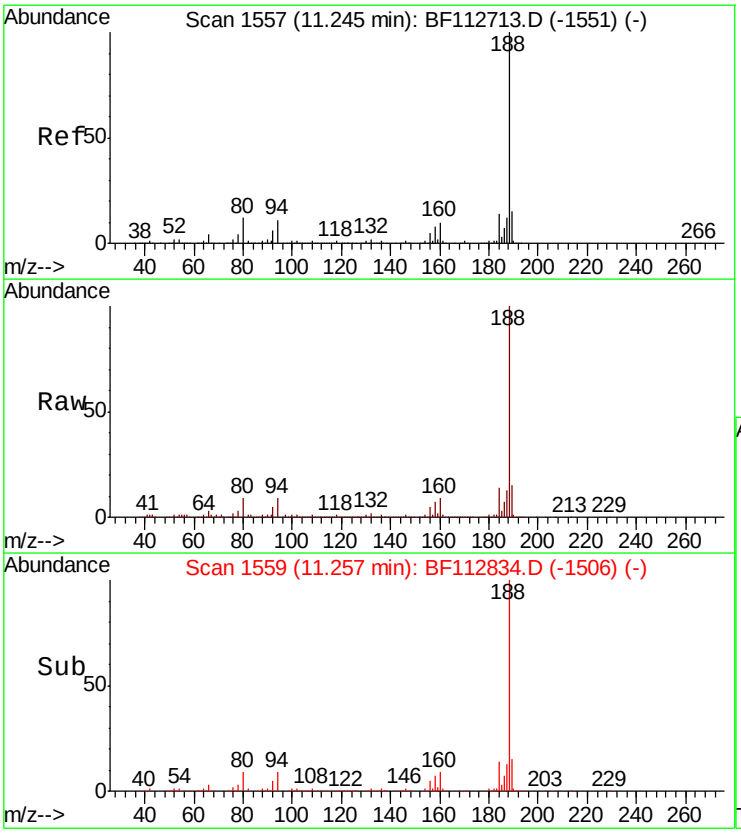
#51
2,6-Dinitrotoluene
Concen: 8.812 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion:165 Resp: 35009

Ion	Ratio	Lower	Upper
165	100		
63	2.1	54.1	81.1#
89	1.8	52.8	79.2#

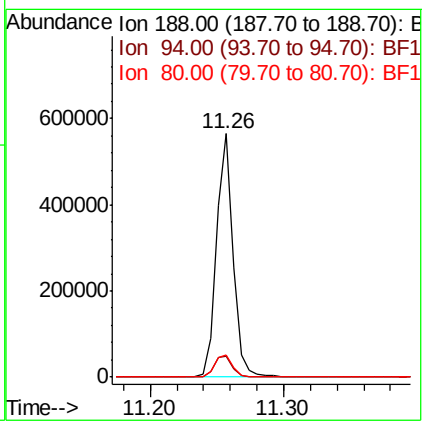


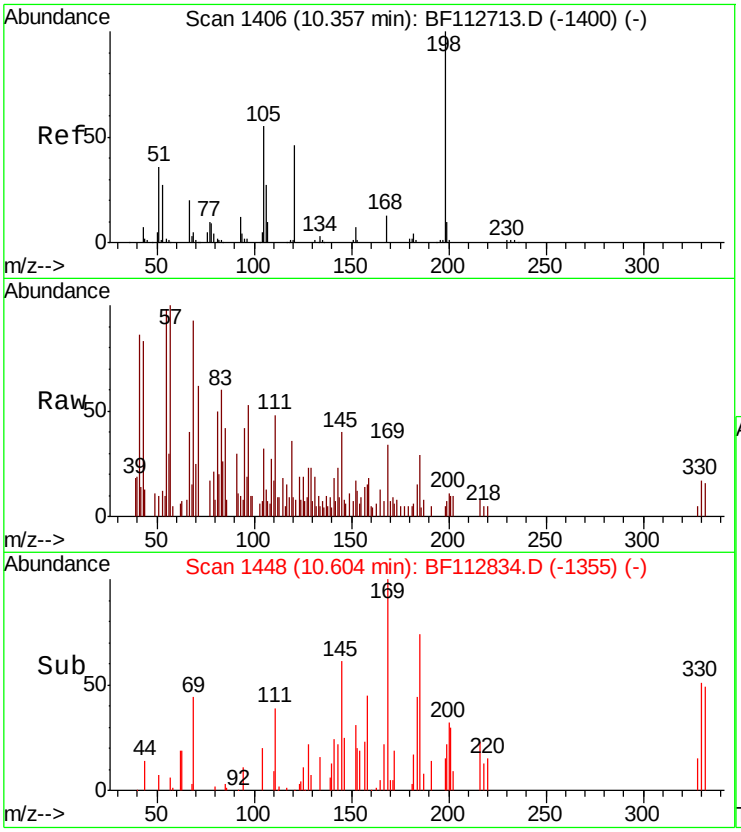


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:188 Resp: 496393

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	8.9	9.2	13.8#



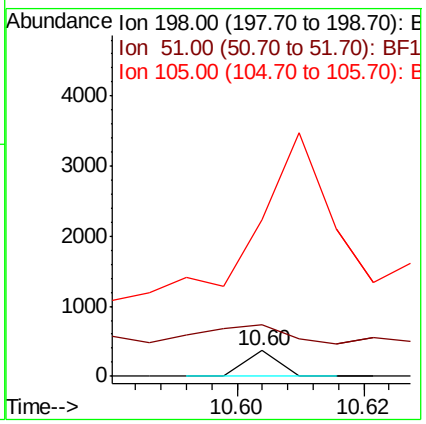


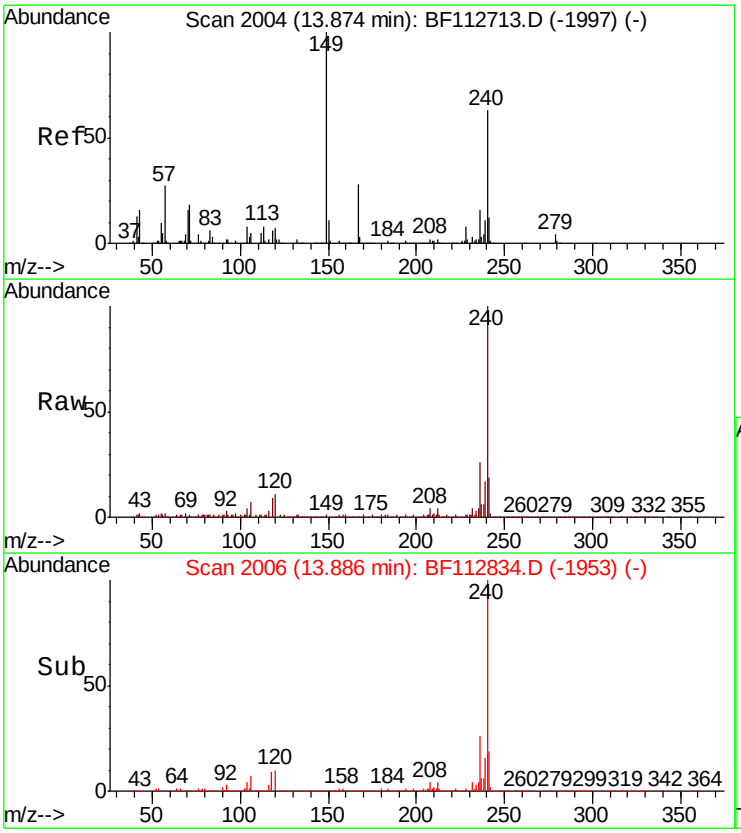
#65
4,6-Dinitro-2-methylphenol
Concen: 4.669 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.25 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	201.1	43.8	83.8#
105	612.9	36.5	76.5#

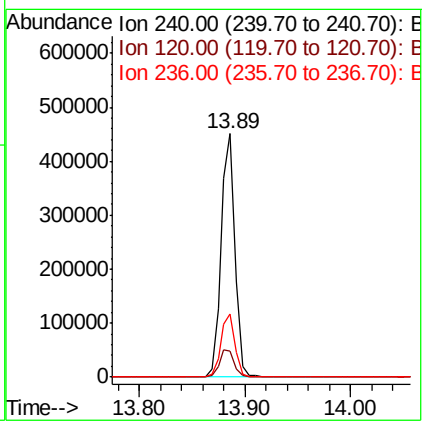


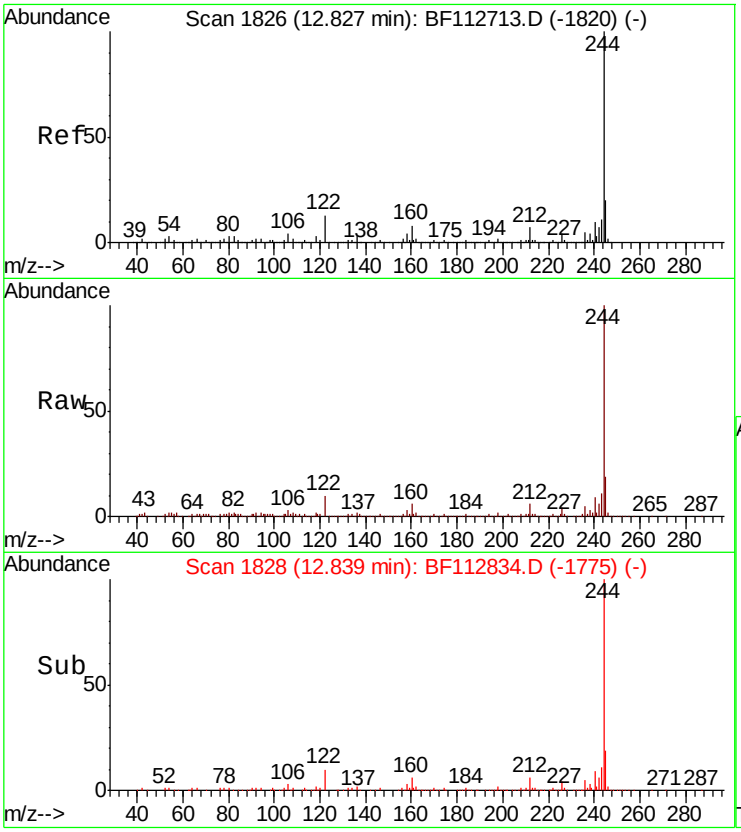


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:240 Resp: 410223

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.2	20.7	31.1



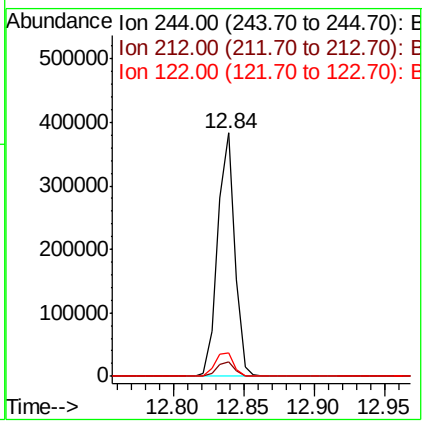


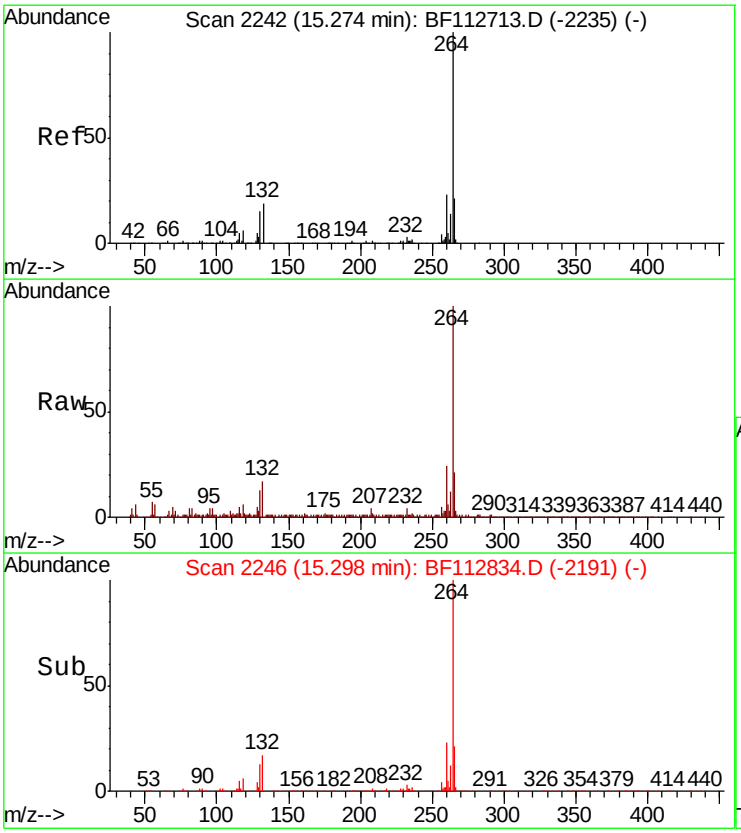
#79
Terphenyl-d14
Concen: 15.215 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112834.D
Acq: 4 Mar 2019 19:45

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

Tgt Ion:244 Resp: 321983

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	9.8	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: BF112834.D
Acq: 4 Mar 2019 19:45

Tgt Ion:264 Resp: 294118

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	17.2	25.8