Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113204.D
Acq On : 21 Mar 2019 13:11
Operator : JU/SJ
Sample : K1688-33 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-G

Quant Time: Mar 22 00:42:13 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	149754	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	641994	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	313500	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	582582	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	410134	20.00	ng	0.00
87) Perylene-d12	15.27	264	465815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	75957	7.89	ng	-0.01
7) Phenol-d6	6.36	99	105660	8.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	56894	5.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	37315	11.21	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	159280	5.43	ng	-0.02
79) Terphenyl-d14	12.81	244	136507	6.45	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.28	82	56893	2.461	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	40601	8.435	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	40601	6.785	ng	# 18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Acq On : 21 Mar 2019 13:11
Operator : JU/SJ
Sample : K1688-33 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Quant Time: Mar 22 00:42:13 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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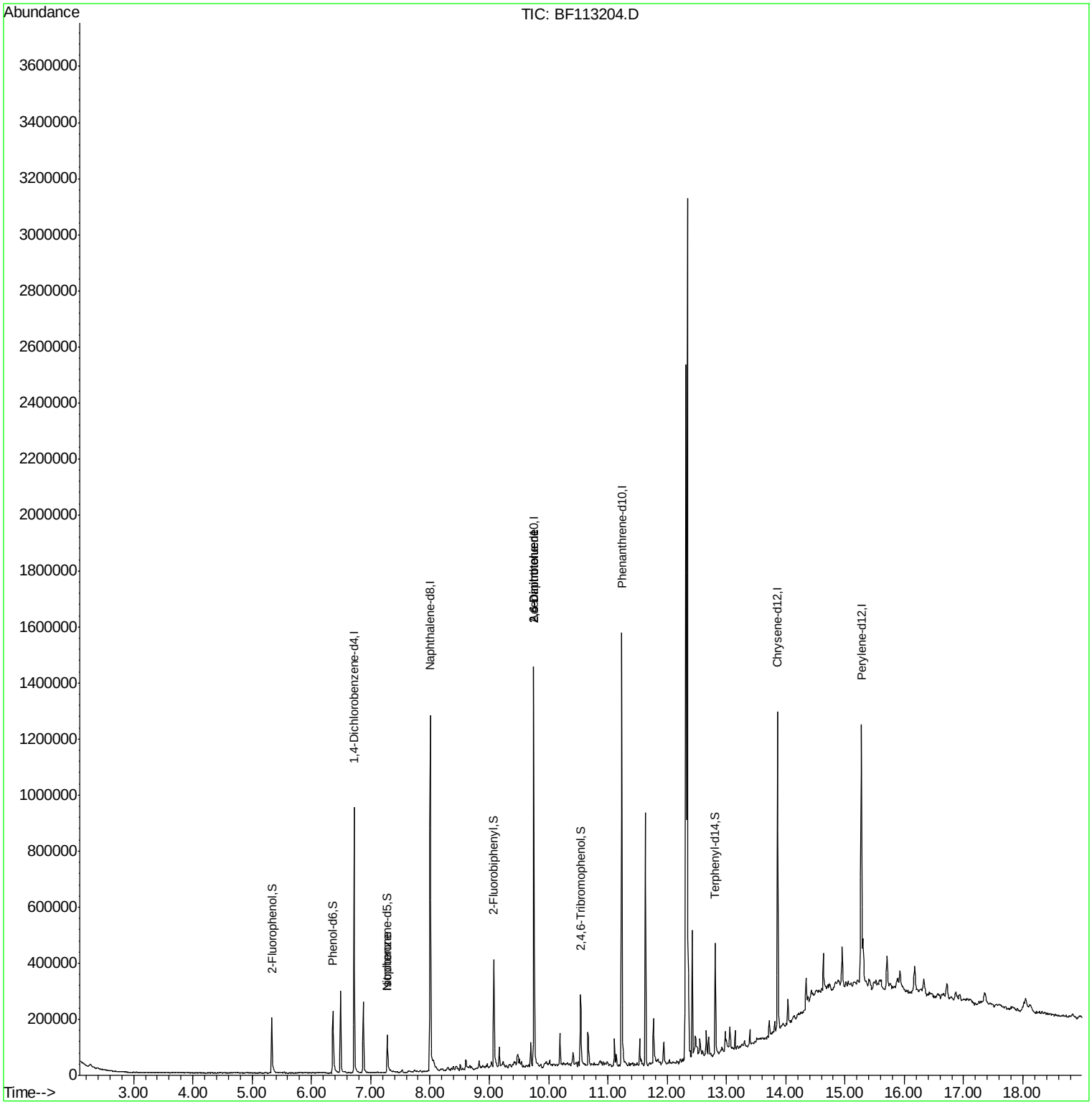
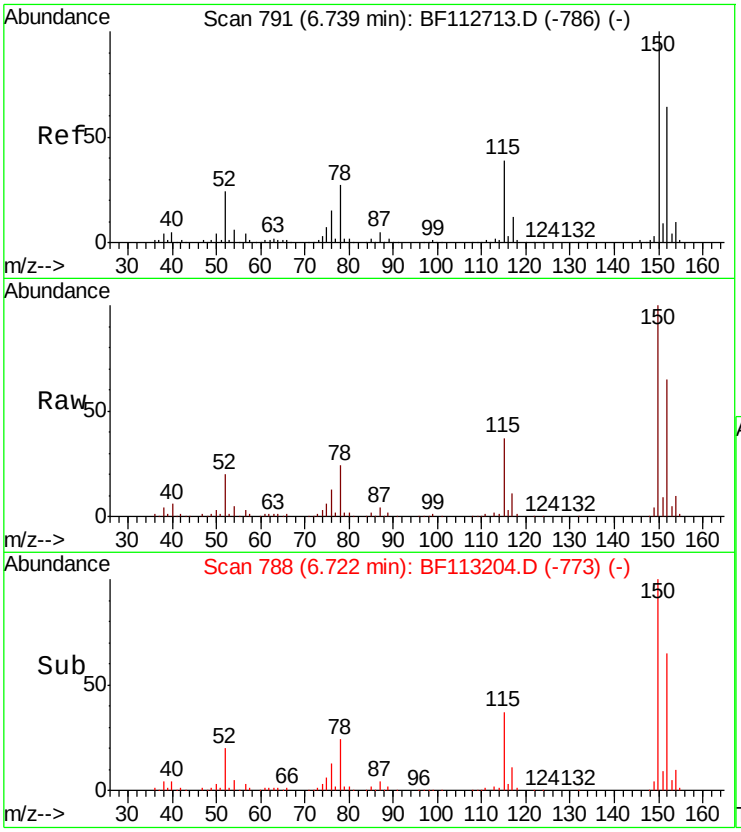
Response via : Initial Calibration



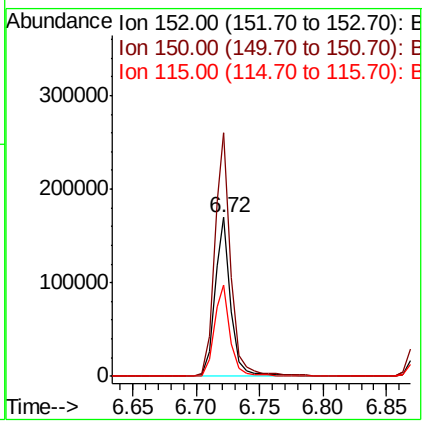


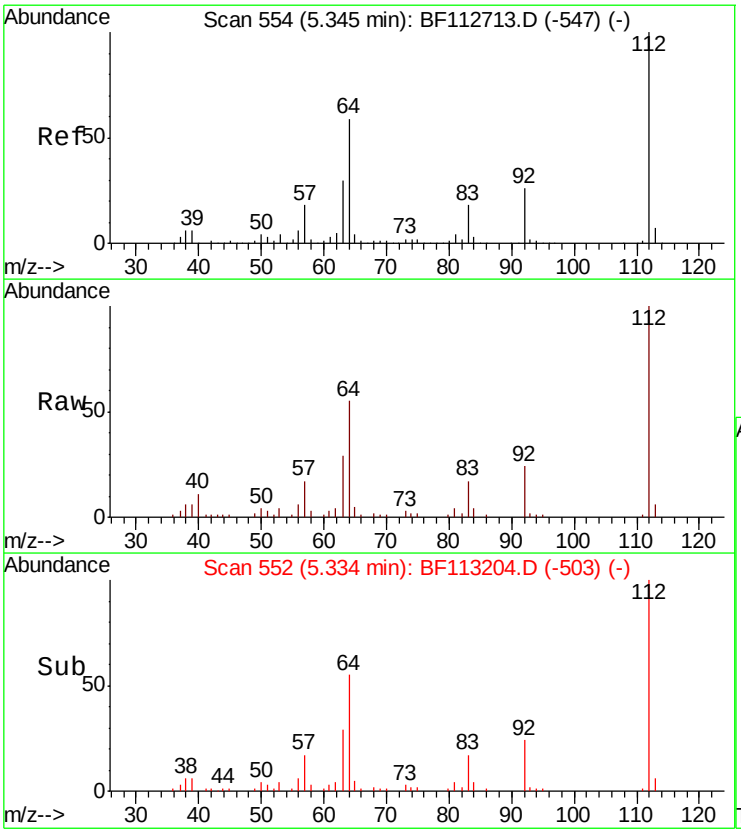
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:152 Resp: 149754

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	57.3	48.2	72.4

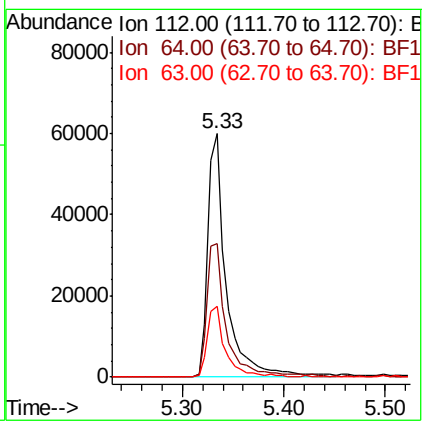


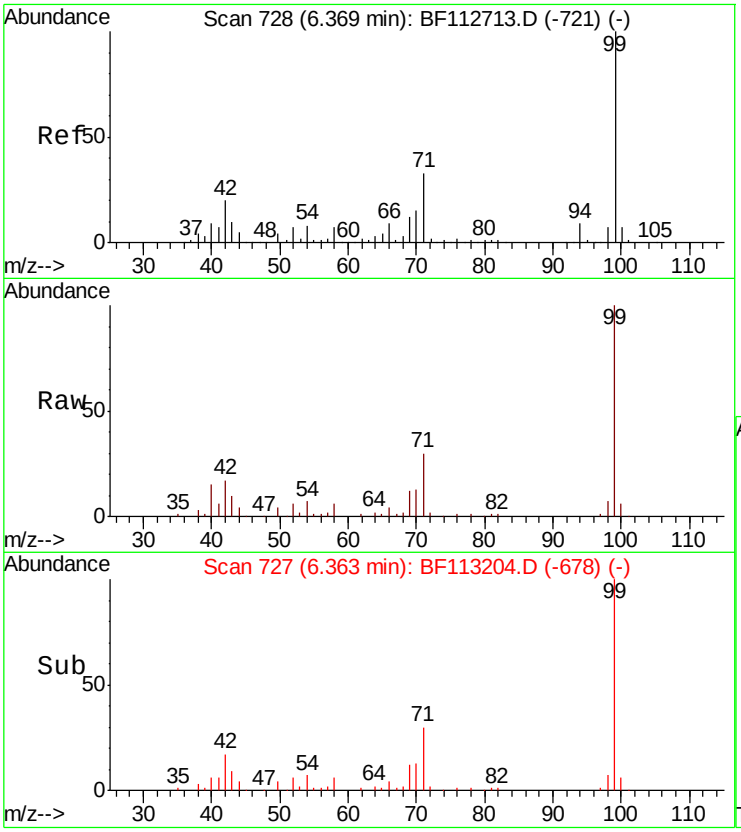


#5
2-Fluorophenol
Concen: 7.890 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:112 Resp: 75957

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.6	71.4
63	29.2	24.4	36.6



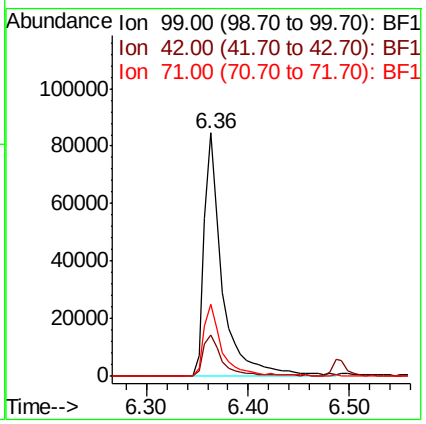


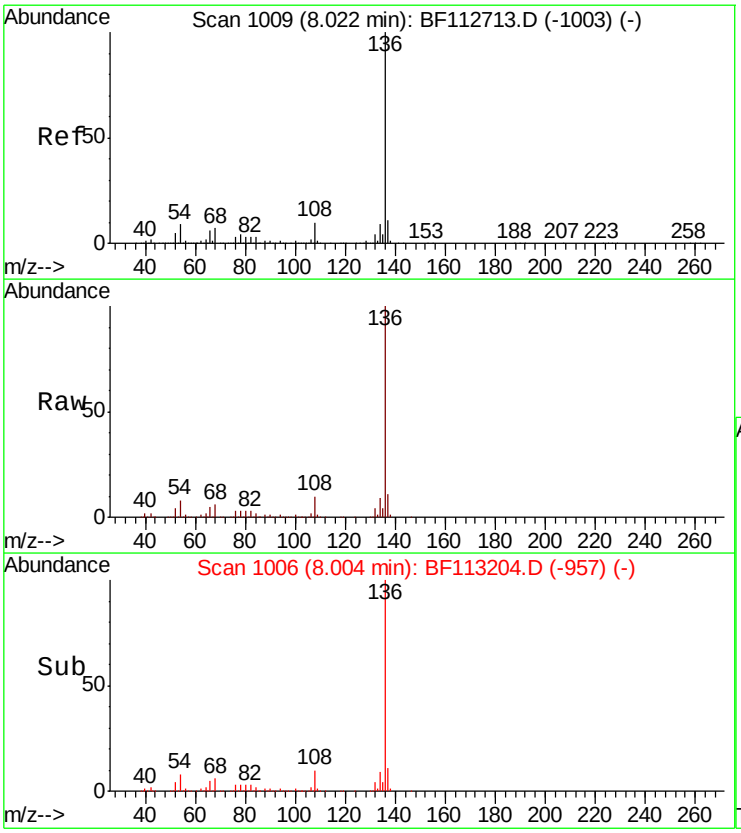
#7
Phenol-d6
Concen: 8.737 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion: 99 Resp: 105660

Ion	Ratio	Lower	Upper
99	100		
42	16.9	16.3	24.5
71	29.8	26.2	39.4

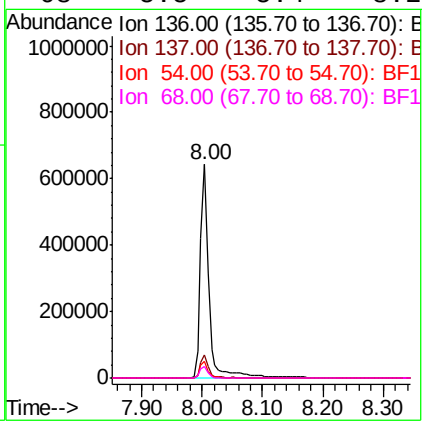


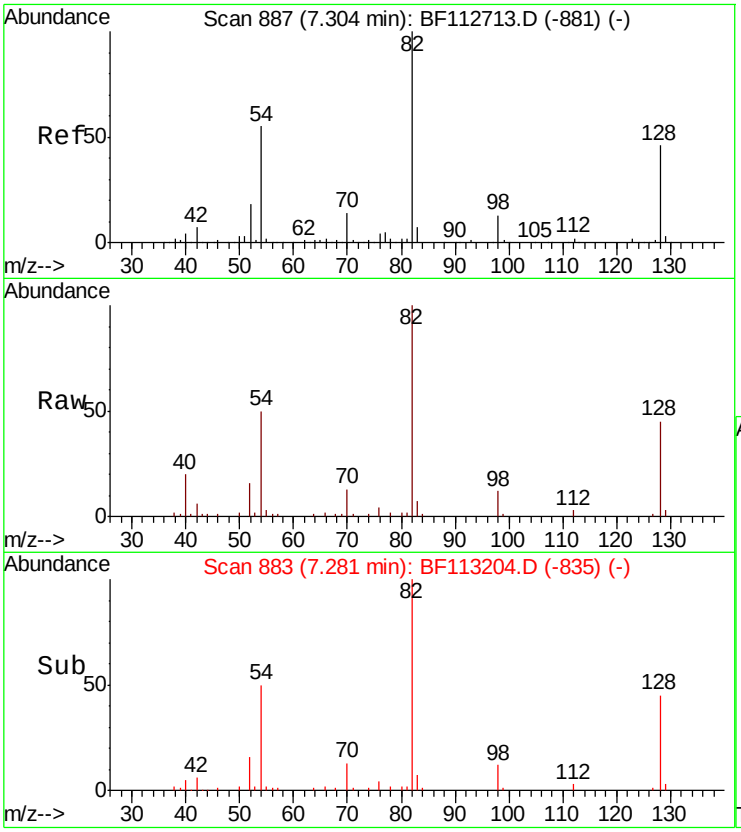


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:136 Resp: 641994

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2



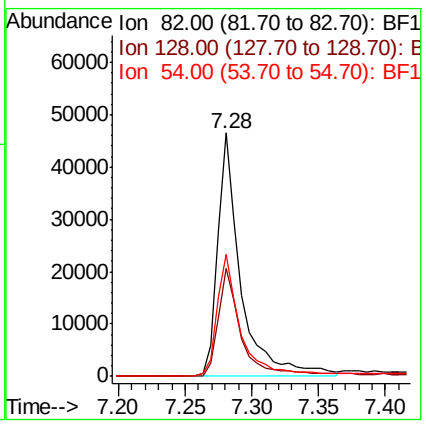


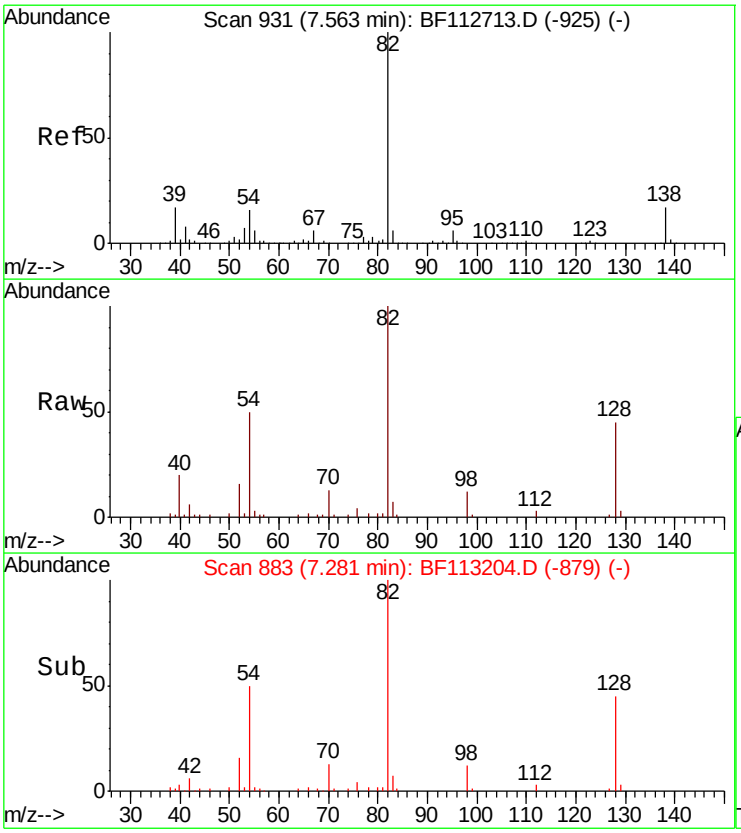
#23
Nitrobenzene-d5
Concen: 5.303 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion: 82 Resp: 56894

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	50.1	43.7	65.5

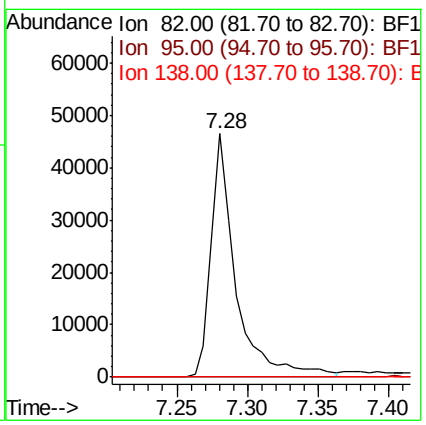


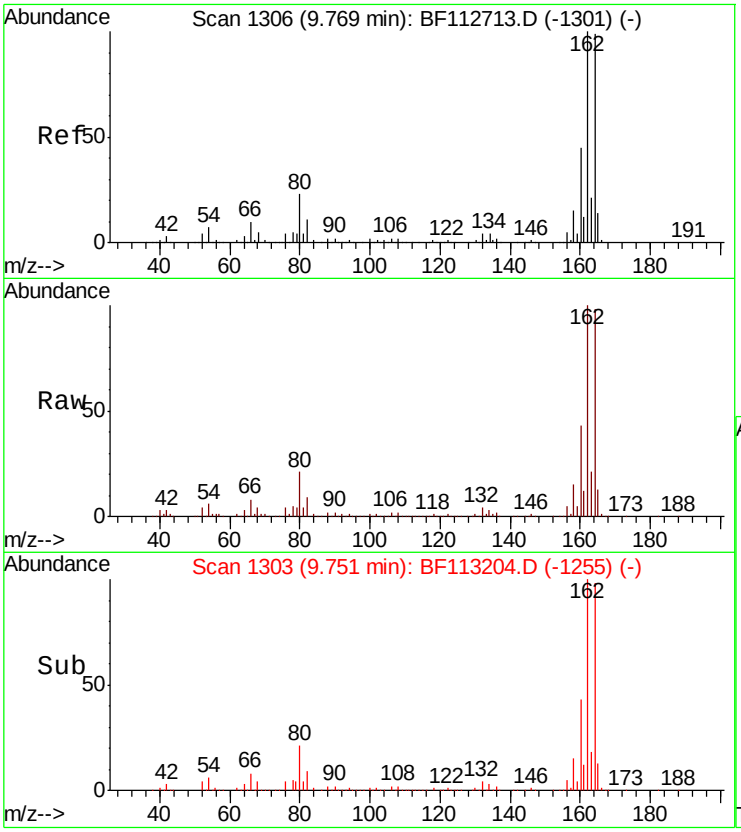


#25
Isophorone
Concen: 2.461 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion: 82 Resp: 56893

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



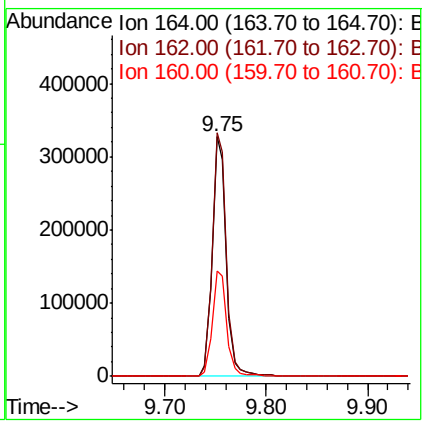


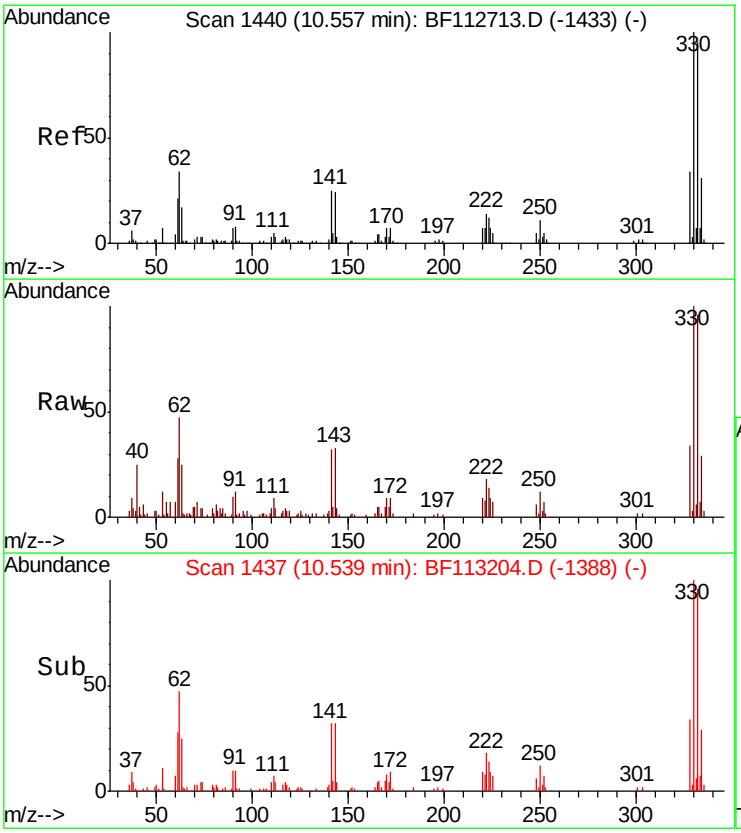
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:164 Resp: 313500

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	44.1	36.0	54.0

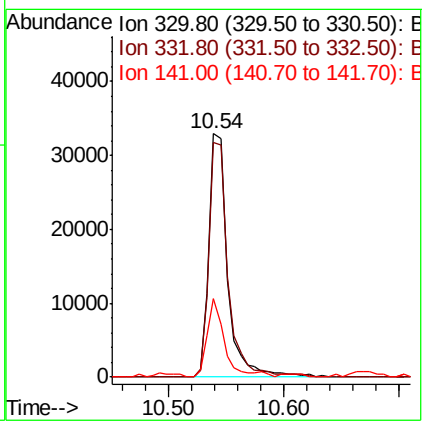


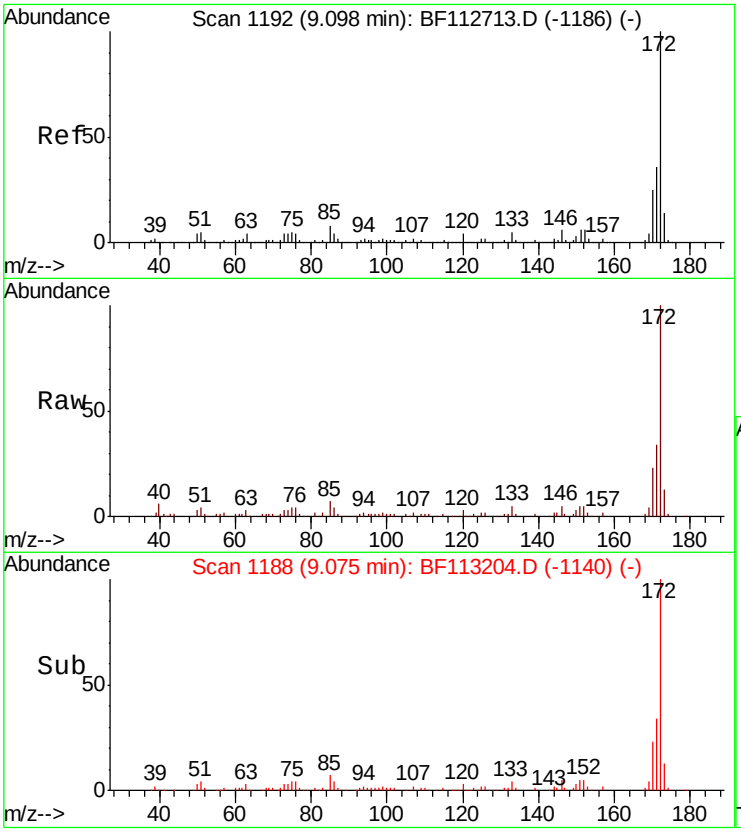


#42
2,4,6-Tribromophenol
Concen: 11.212 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:330 Resp: 37315

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	29.8	27.0	40.6



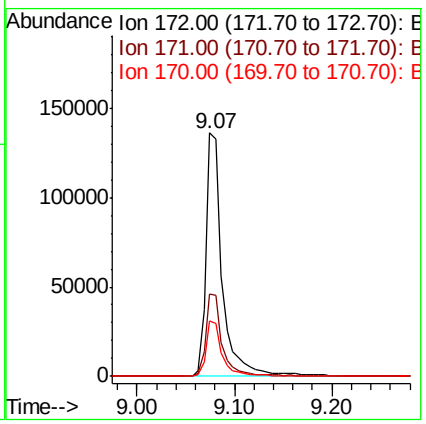


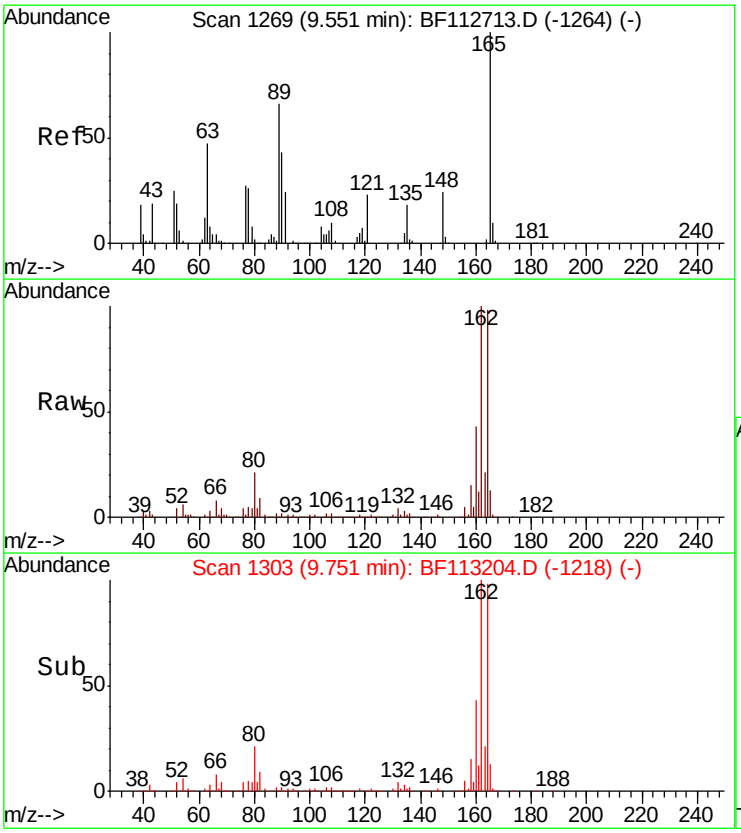
#45
2-Fluorobiphenyl
Concen: 5.430 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:172 Resp: 159280

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	22.9	20.0	30.0

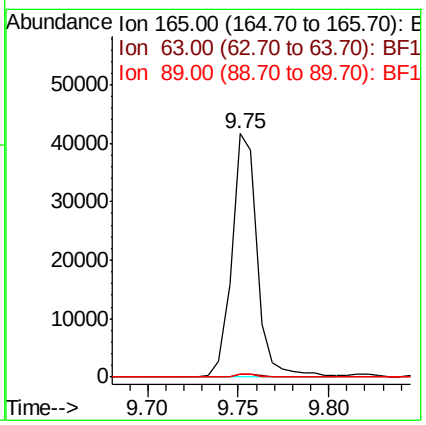


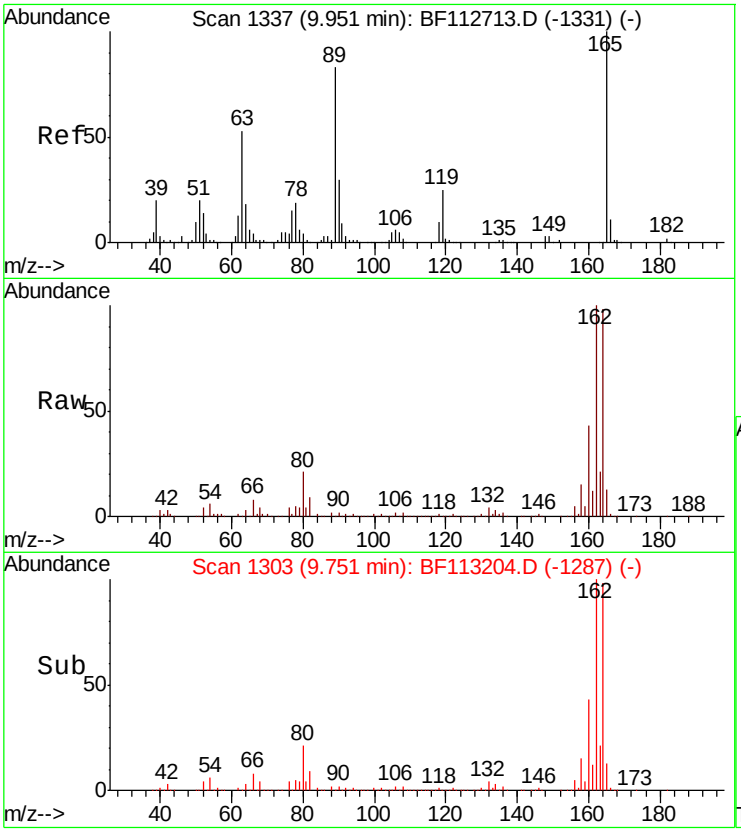


#51
2,6-Dinitrotoluene
Concen: 8.435 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:165 Resp: 40601

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.1	52.8	79.2#



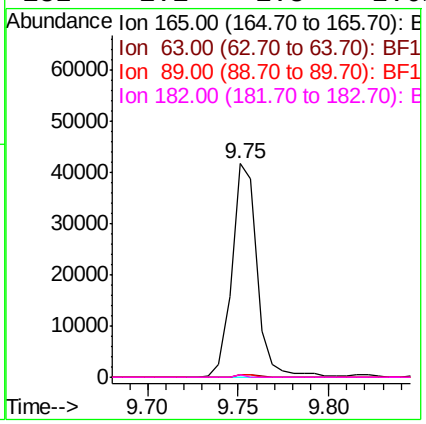


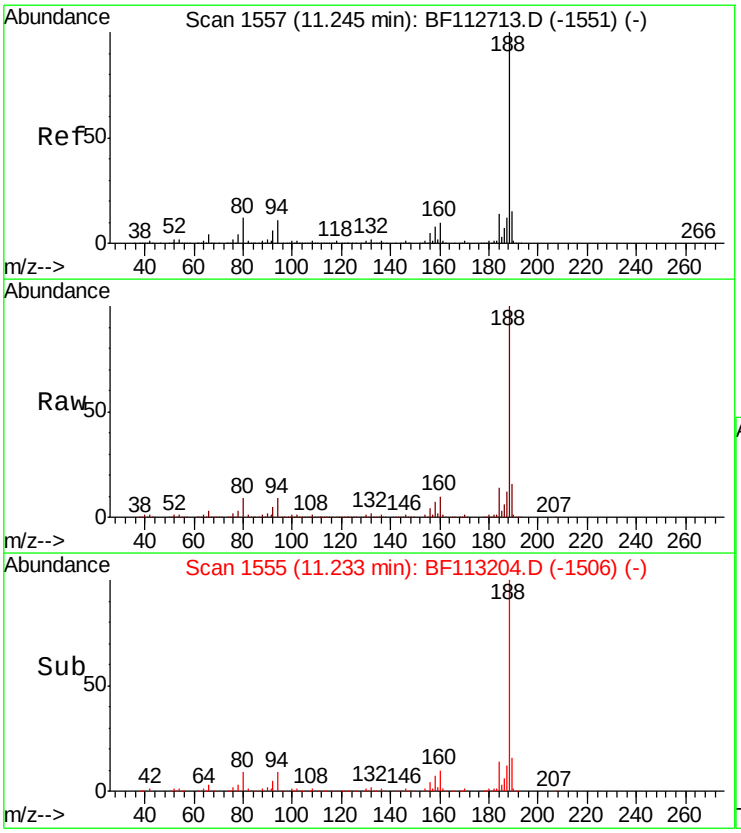
#57
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:165 Resp: 40601

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.1	66.2	99.4#
182	1.1	1.8	2.6#

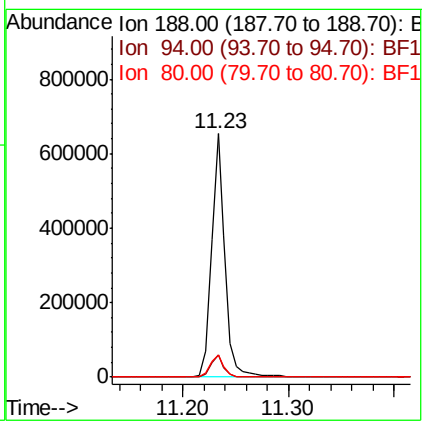


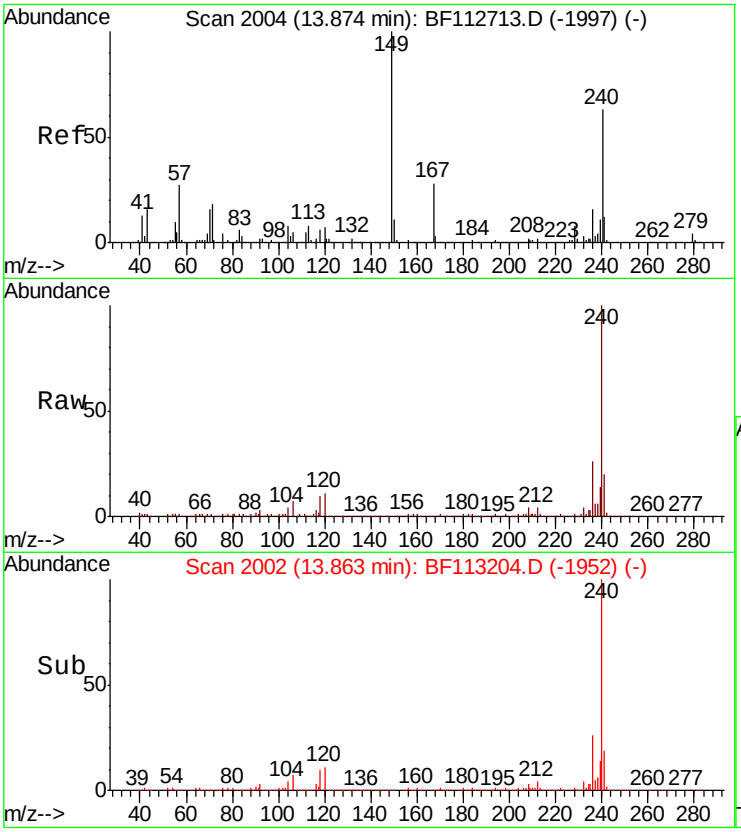


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:188 Resp: 582582

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



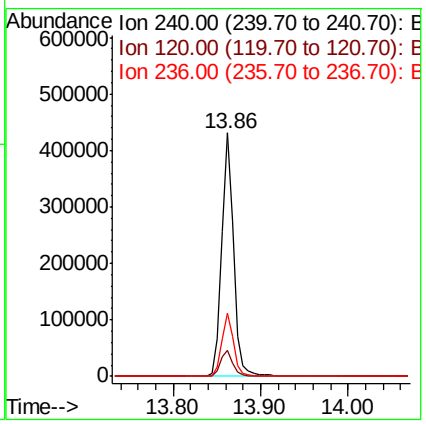


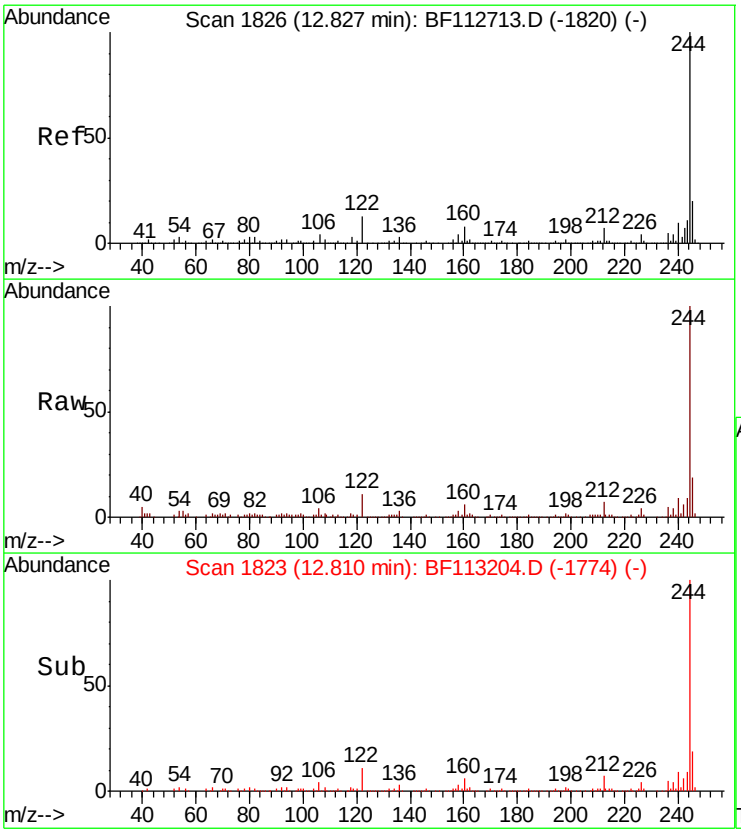
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:240 Resp: 410134

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.7	31.1

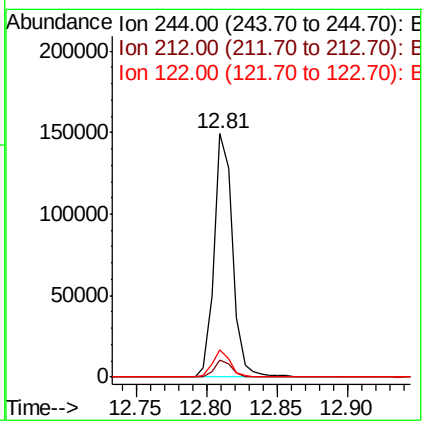


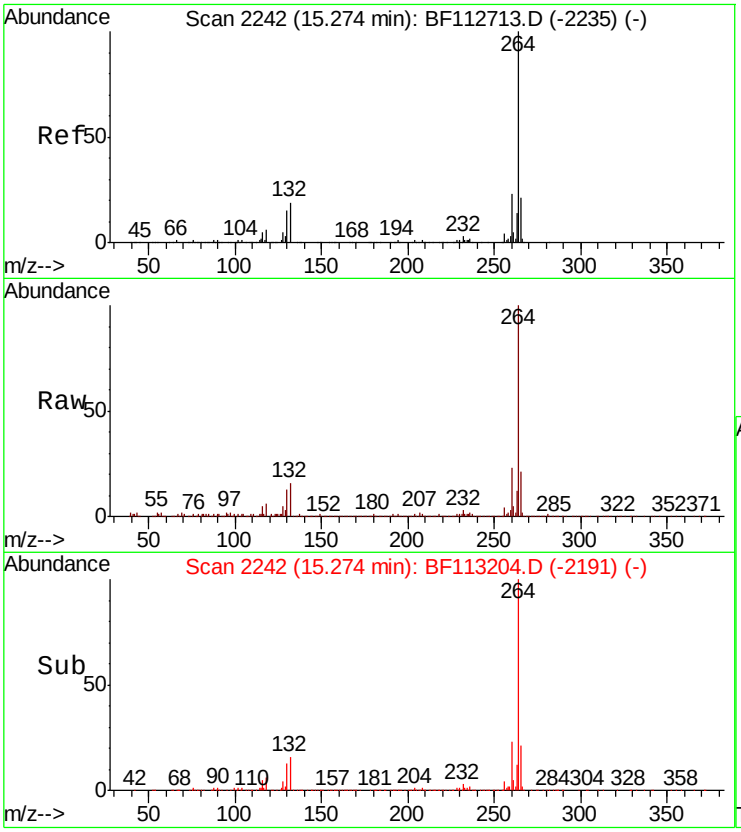


#79
Terphenyl-d14
Concen: 6.452 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:244 Resp: 136507

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.0	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: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion:264 Resp: 465815

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	17.2	25.8