Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 22 00:42:31 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	164458	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	576291	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	298424	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	604504	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	429172	20.00	ng	0.00
87) Perylene-d12	15.27	264	335631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	97928	9.26	ng	-0.01
7) Phenol-d6	6.36	99	148677	11.20	ng	-0.01
23) Nitrobenzene-d5	7.28	82	78326	8.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	46675	14.73	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	173137	6.44	ng	-0.01
79) Terphenyl-d14	12.82	244	160655	7.26	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.28	82	78325	3.775	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	38456	8.393	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	38456	6.752	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 14:08
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Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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JC-02-031919-I

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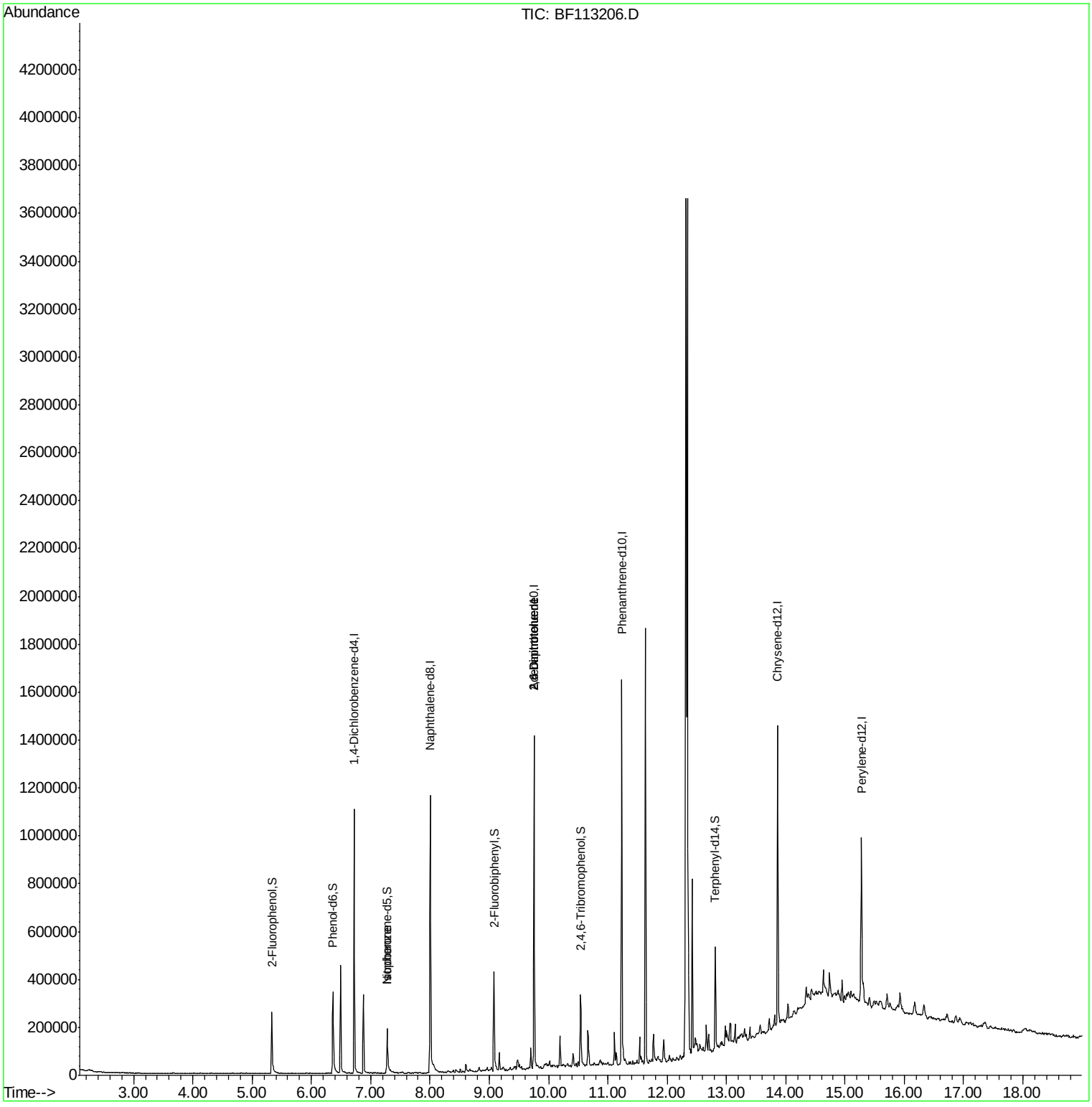
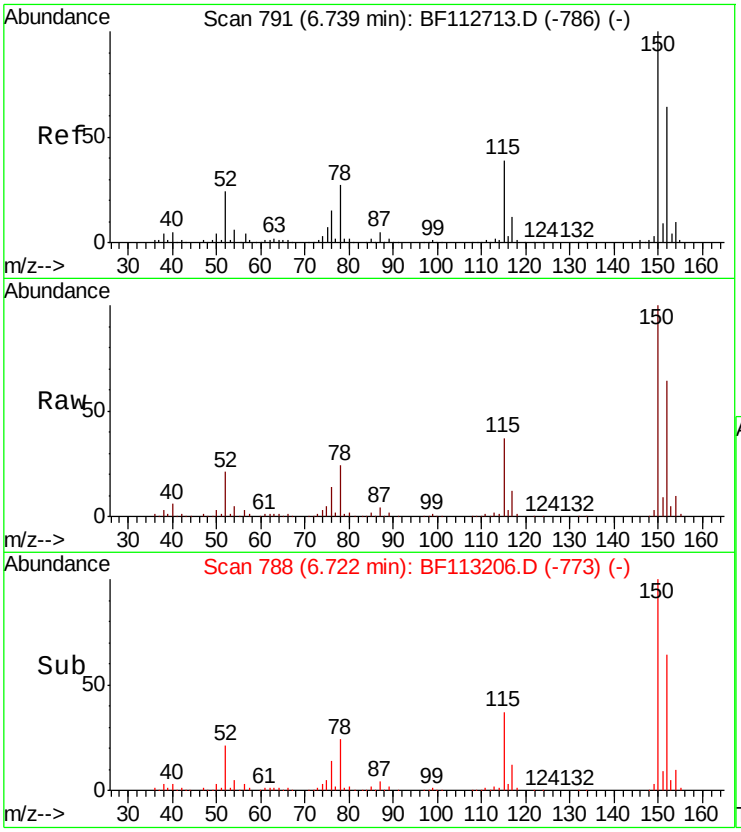


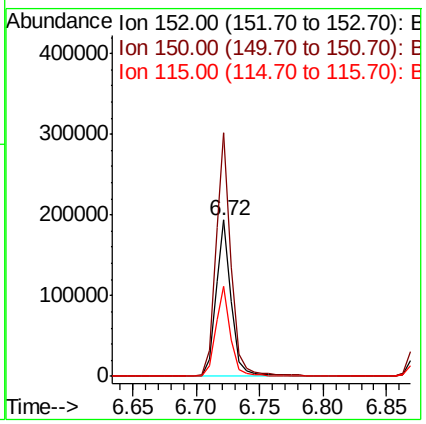


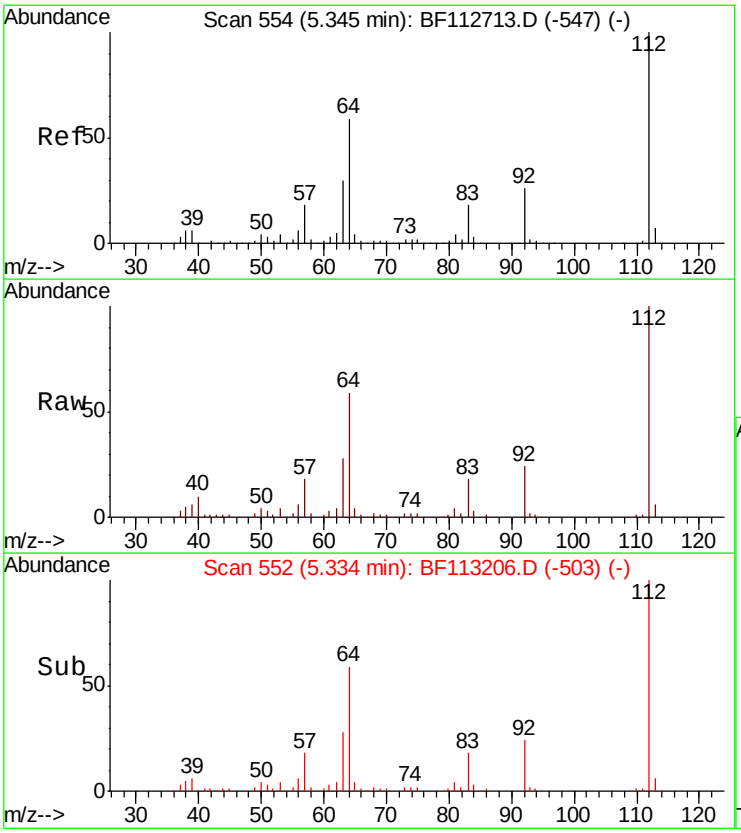
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:152 Resp: 164458

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	58.1	48.2	72.4

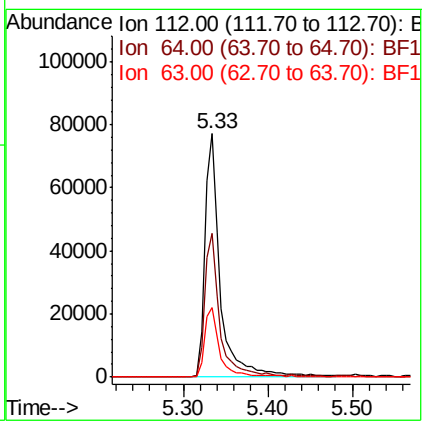


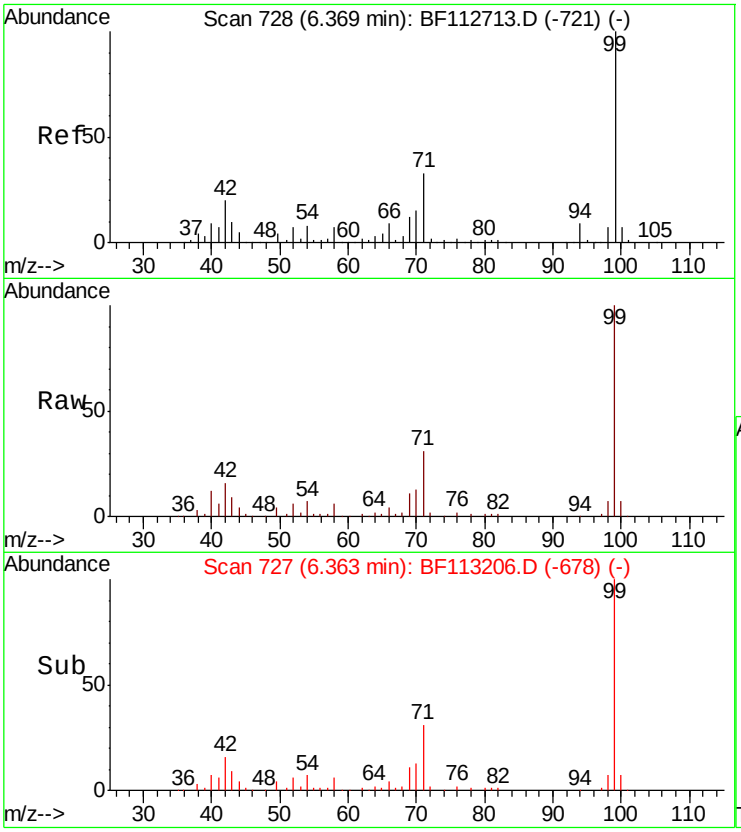


#5
2-Fluorophenol
Concen: 9.263 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:112 Resp: 97928

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.6	71.4
63	28.4	24.4	36.6



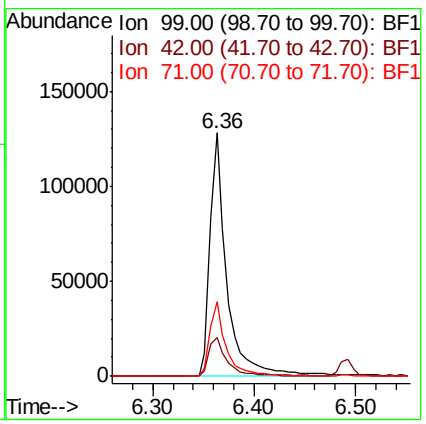


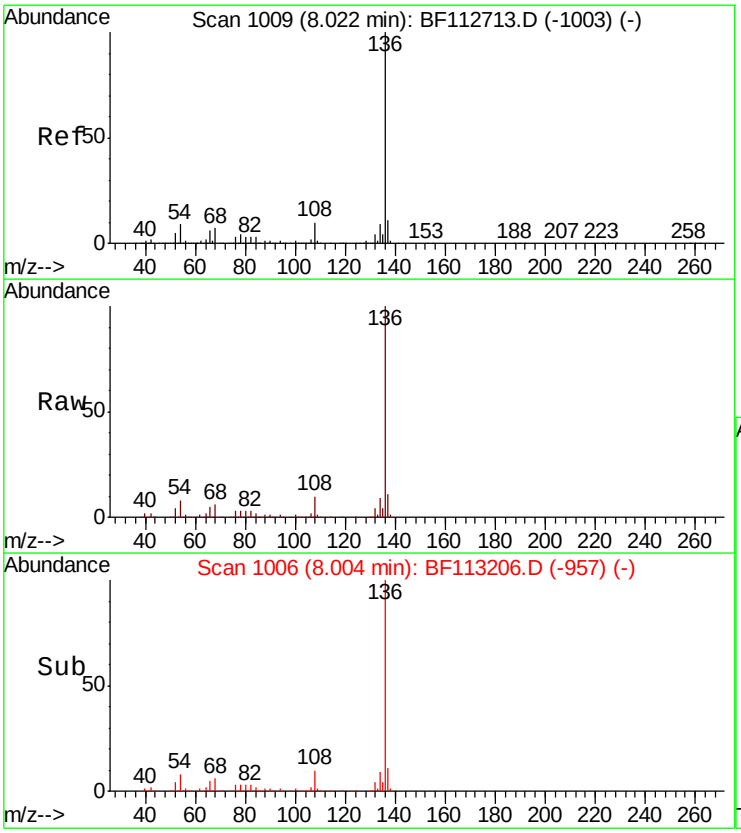
#7
Phenol-d6
Concen: 11.195 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion: 99 Resp: 148677

Ion	Ratio	Lower	Upper
99	100		
42	16.2	16.3	24.5#
71	30.8	26.2	39.4

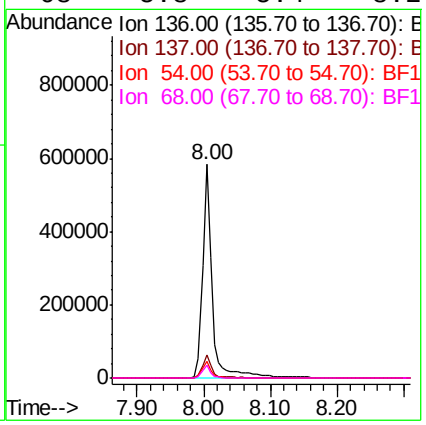


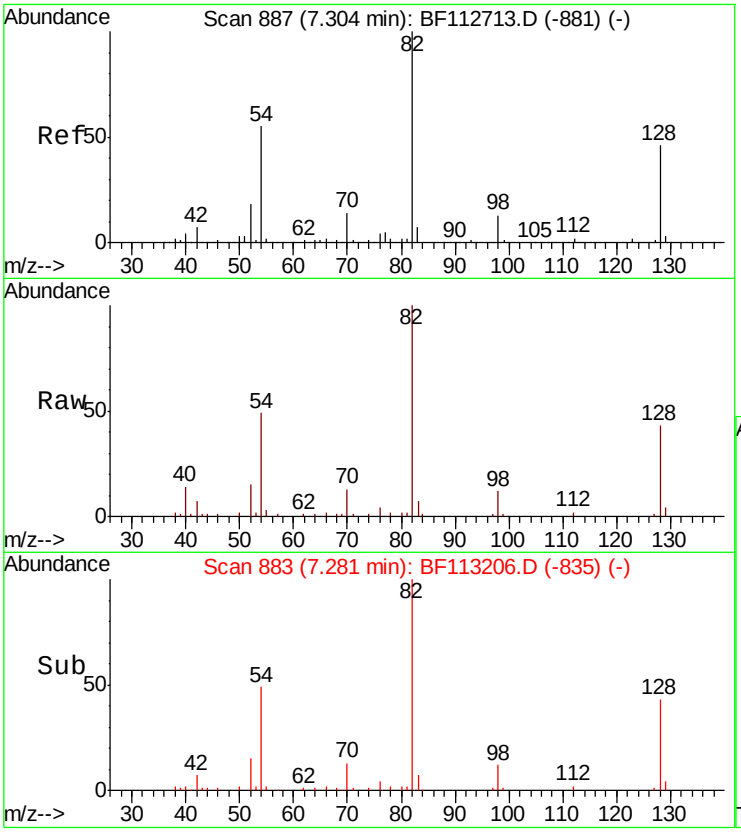


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:136 Resp: 576291

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	7.3	10.9
68	5.8	5.4	8.2



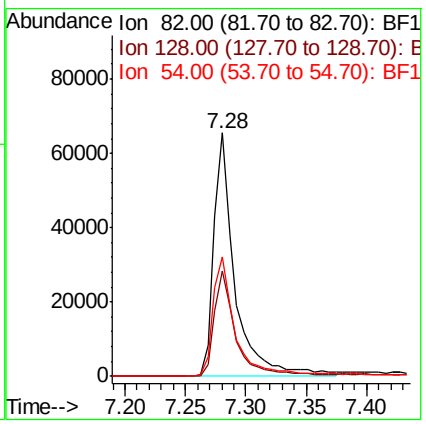


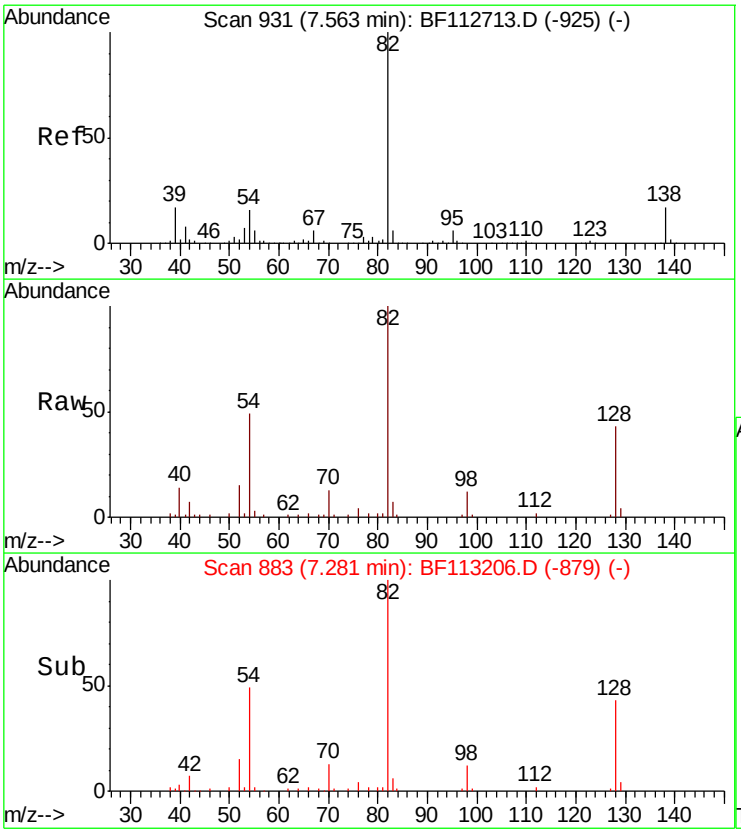
#23
Nitrobenzene-d5
Concen: 8.133 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion: 82 Resp: 78326

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.3	54.5
54	48.9	43.7	65.5

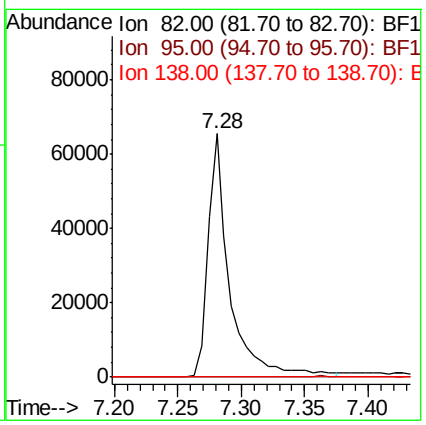


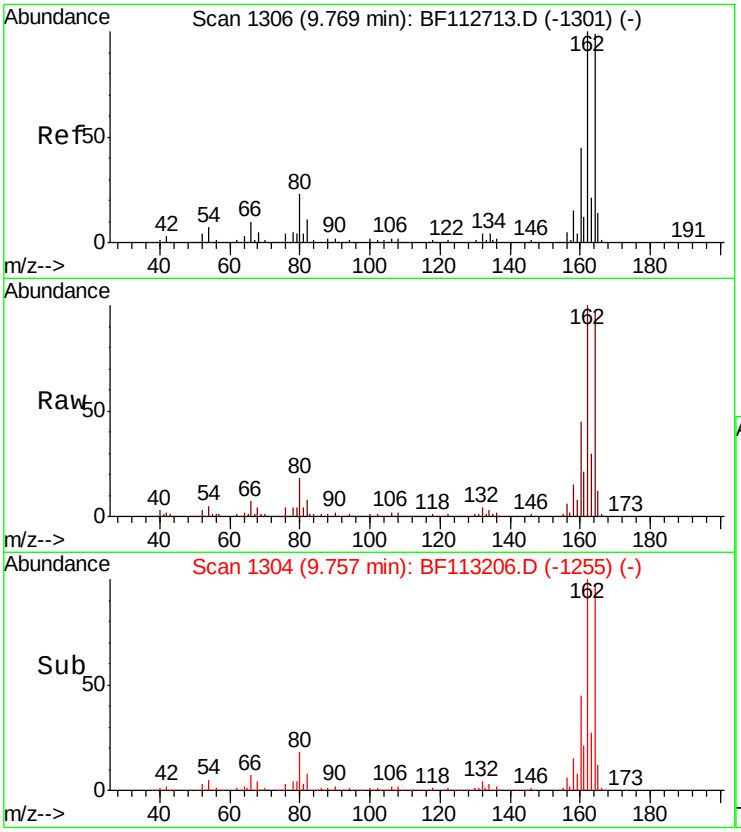


#25
Isophorone
Concen: 3.775 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 82 Resp: 78325

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



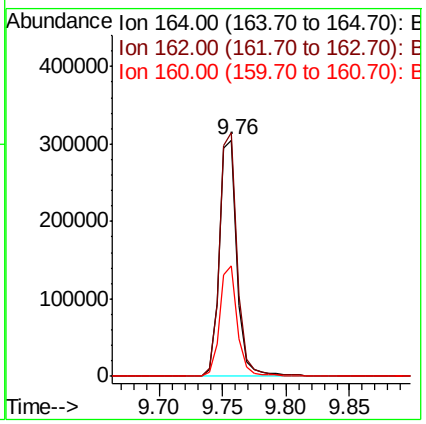


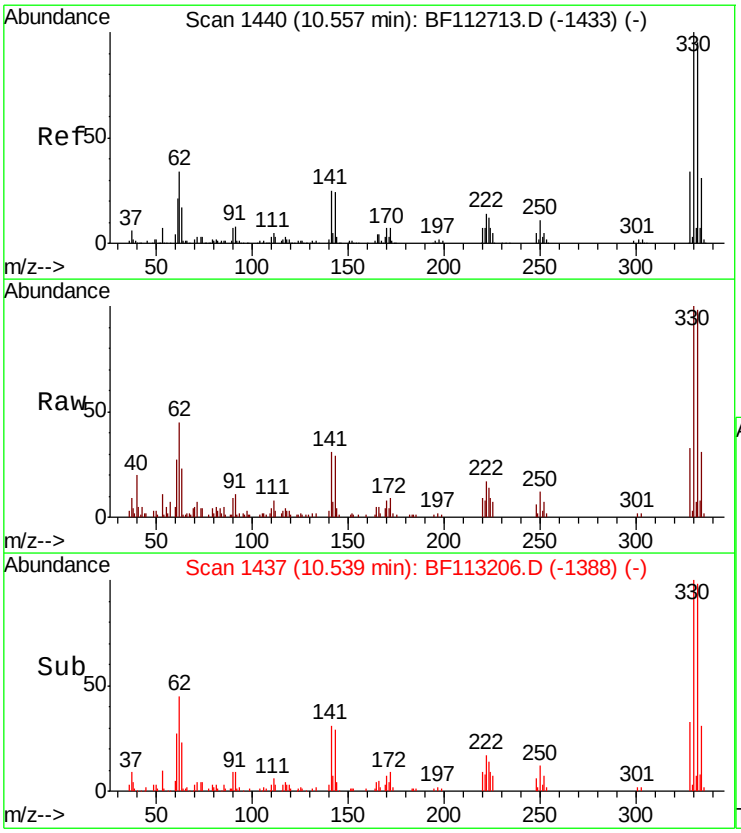
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:164 Resp: 298424

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	46.6	36.0	54.0

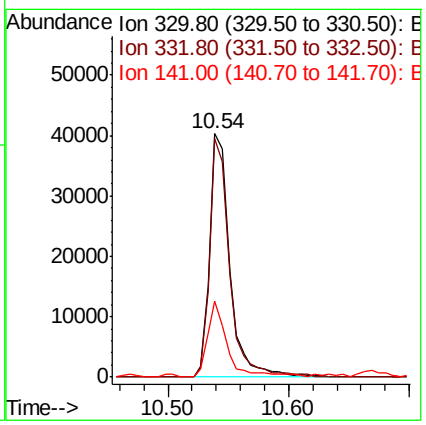


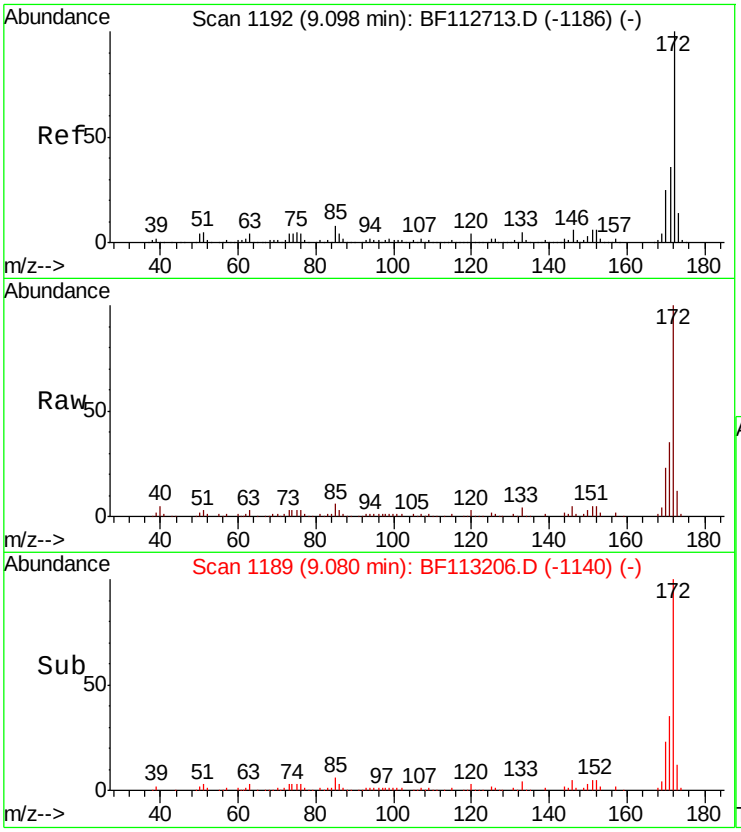


#42
2,4,6-Tribromophenol
Concen: 14.733 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:330 Resp: 46675

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	30.5	27.0	40.6



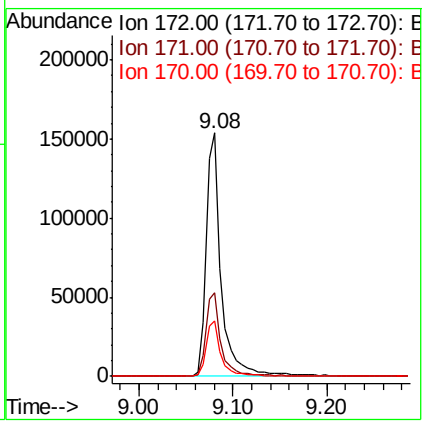


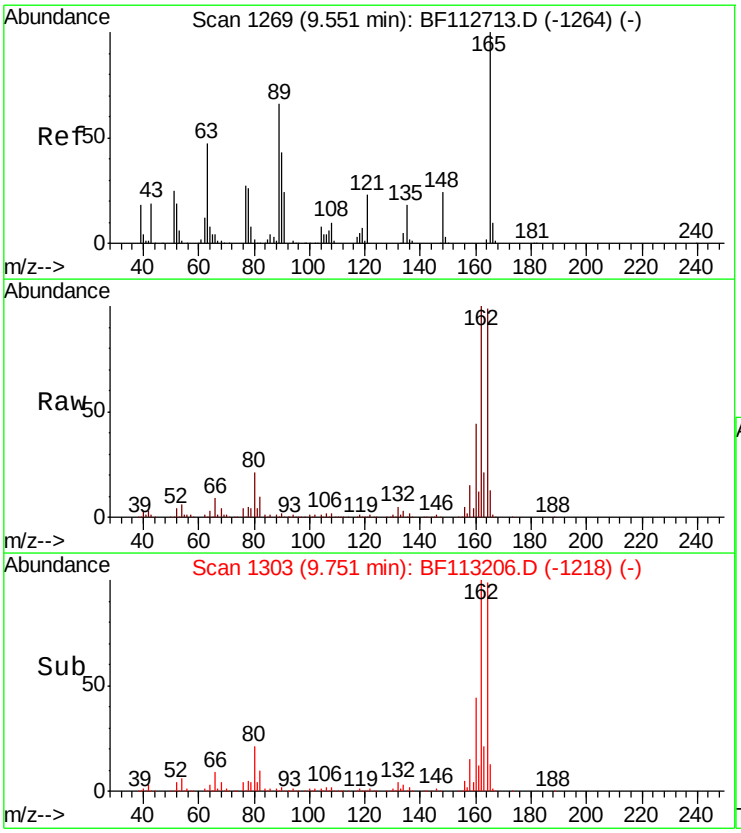
#45
2-Fluorobiphenyl
Concen: 6.436 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:172 Resp: 173137

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	22.8	20.0	30.0

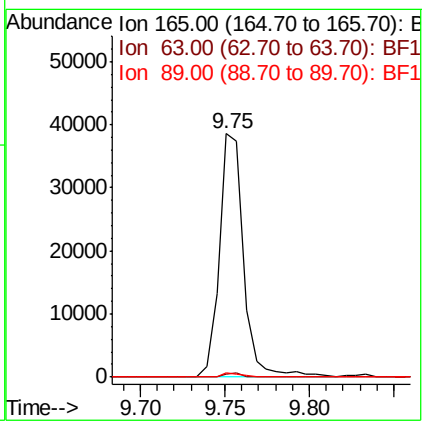


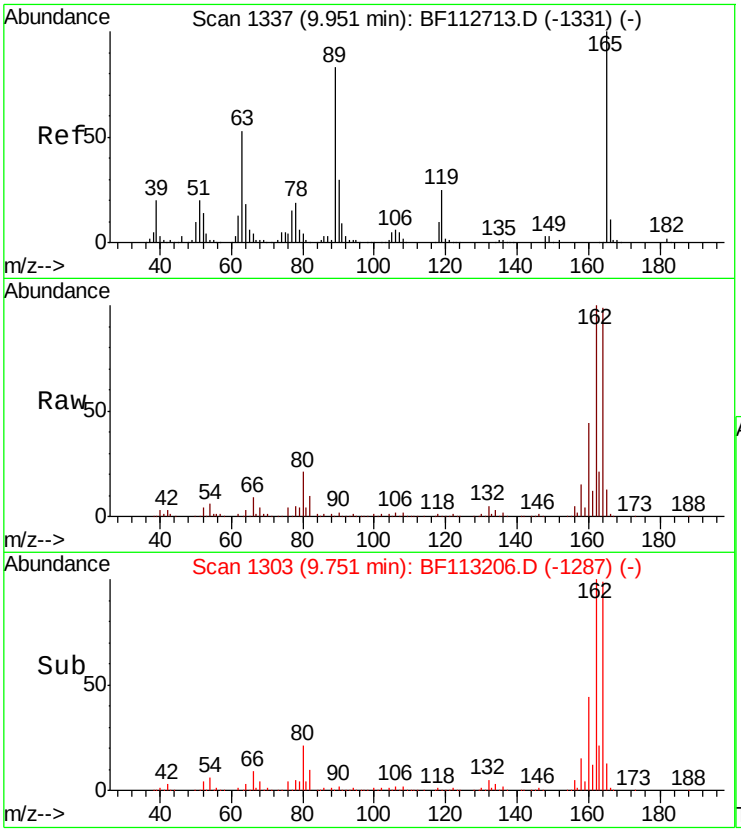


#51
2,6-Dinitrotoluene
Concen: 8.393 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:165 Resp: 38456

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.8	52.8	79.2#



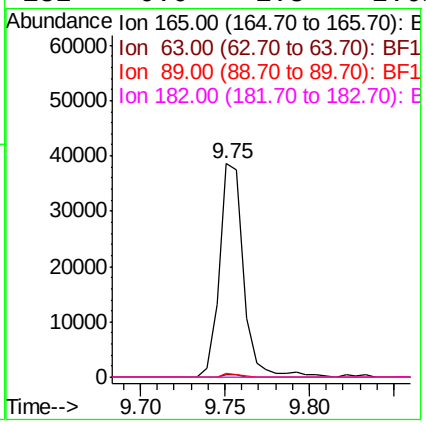


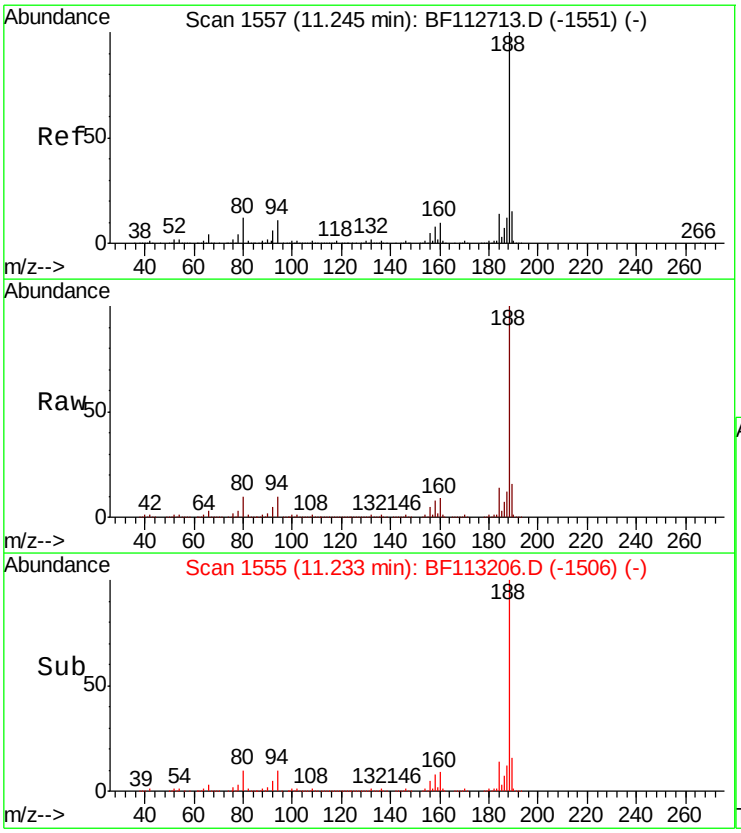
#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:165 Resp: 38456

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

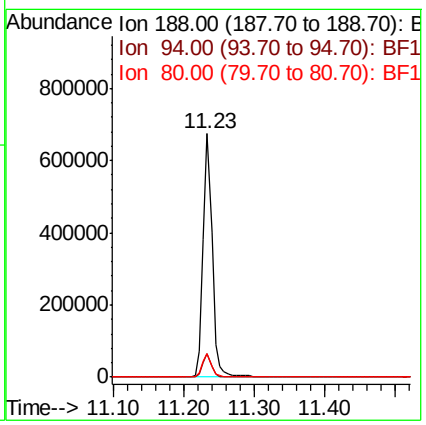


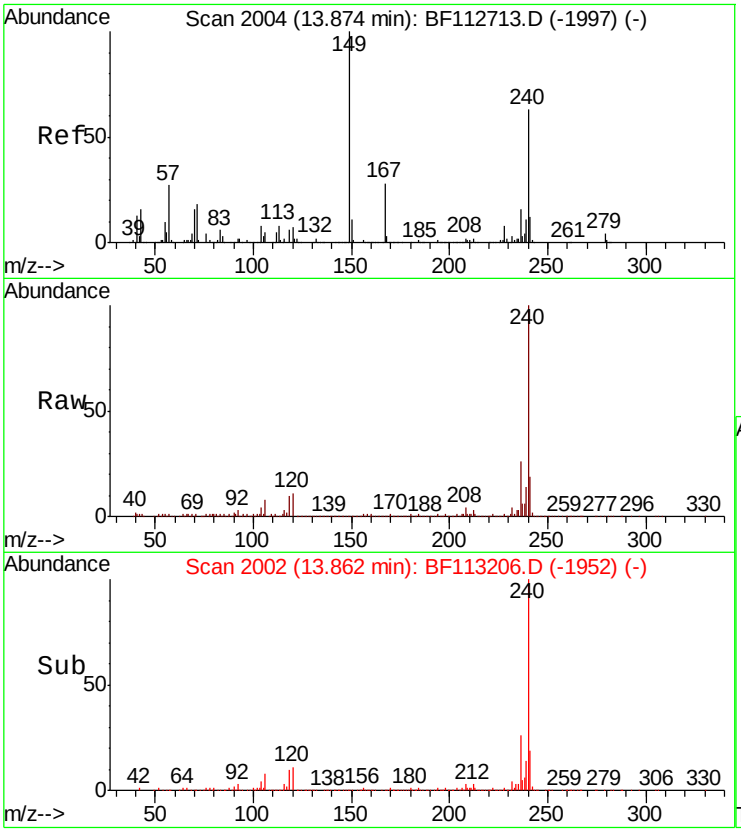


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:188 Resp: 604504

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.9	9.2	13.8



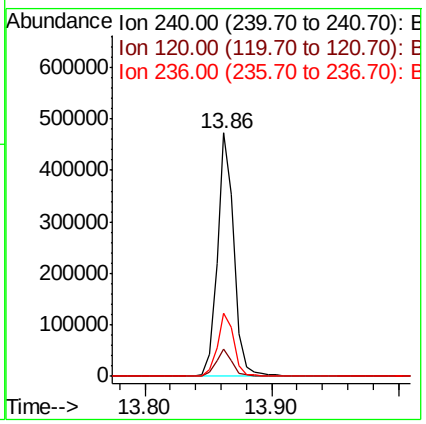


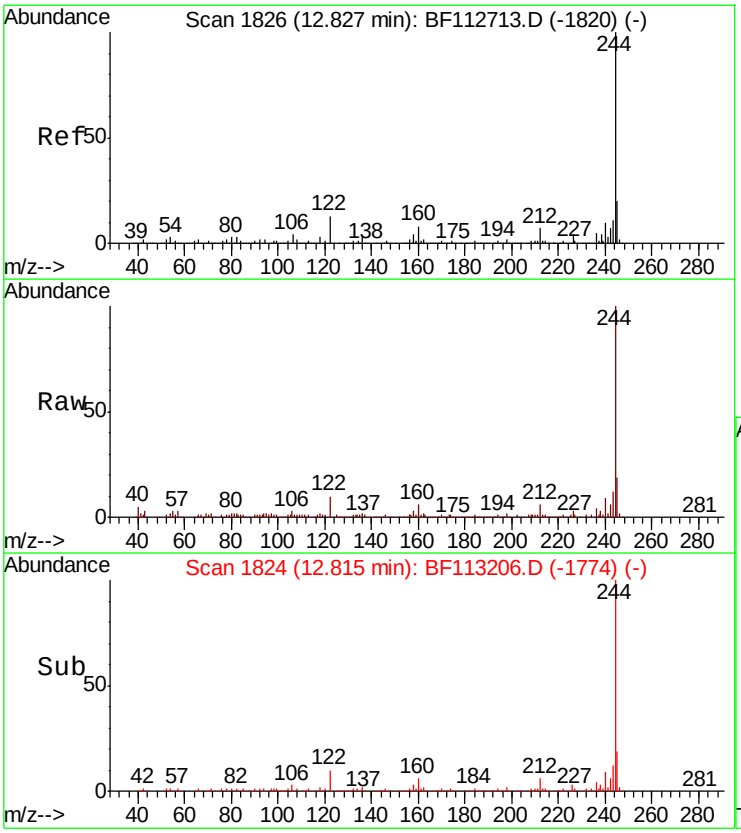
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:240 Resp: 429172

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.1	20.7	31.1

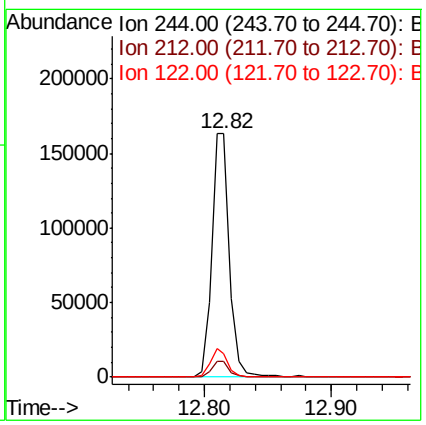


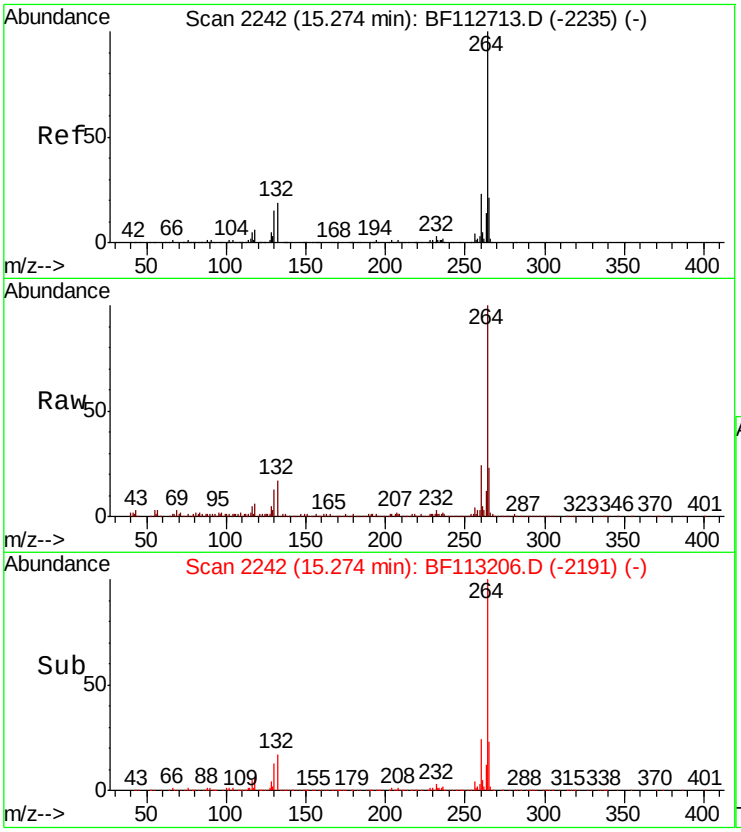


#79
Terphenyl-d14
Concen: 7.257 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:244 Resp: 160655

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	9.7	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: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:264 Resp: 335631

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.9	17.2	25.8