Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113073.D
Acq On : 15 Mar 2019 18:41
Operator : JU/SJ
Sample : K1685-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-D

Quant Time: Mar 15 22:55:24 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	6.73	152	140513	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	558913	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	275782	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	584232	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	458994	20.00	ng	0.00
87) Perylene-d12	15.27	264	466383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	171731	19.01	ng	-0.01
7) Phenol-d6	6.36	99	233044	20.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	123660	13.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	80974	27.66	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	288952	13.08	ng	-0.01
79) Terphenyl-d14	12.82	244	319253	13.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	16210	2.256	ng	# 80
25) Isophorone	7.28	82	123660	6.145	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	35247	8.324	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	35247	6.696	ng	# 17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113073.D
Acq On : 15 Mar 2019 18:41
Operator : JU/SJ
Sample : K1685-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Quant Time: Mar 15 22:55:24 2019
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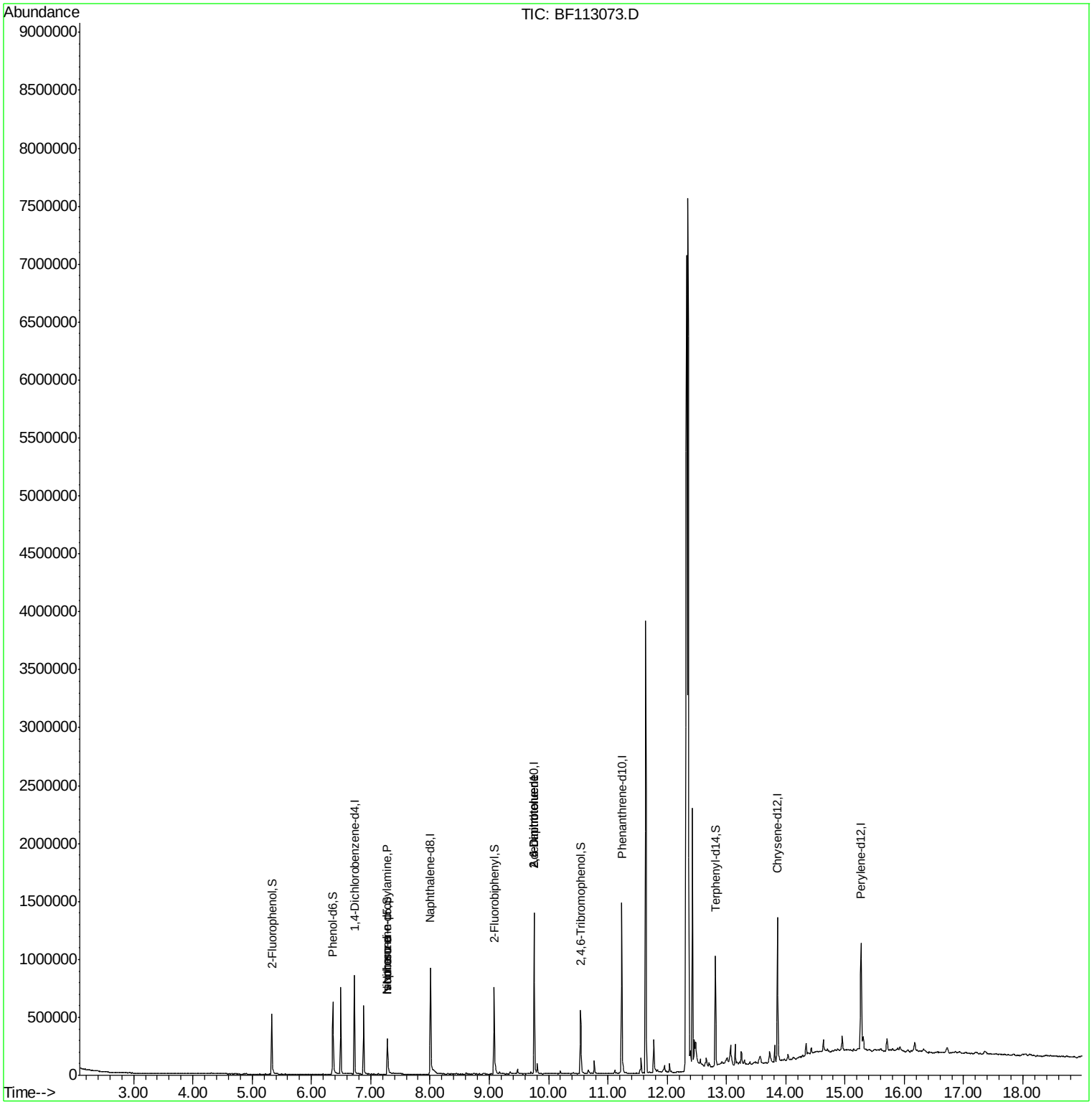
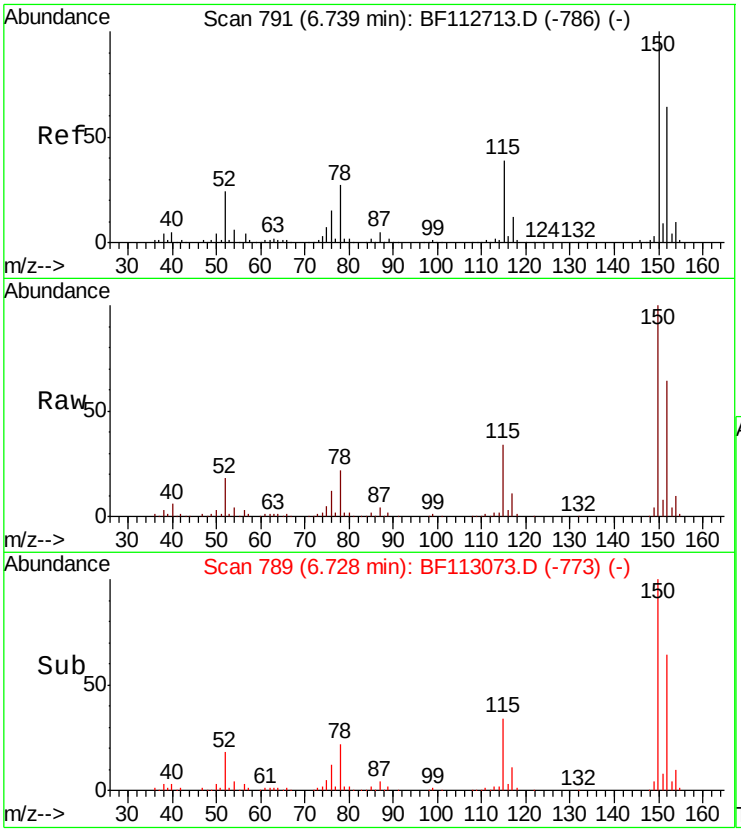
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



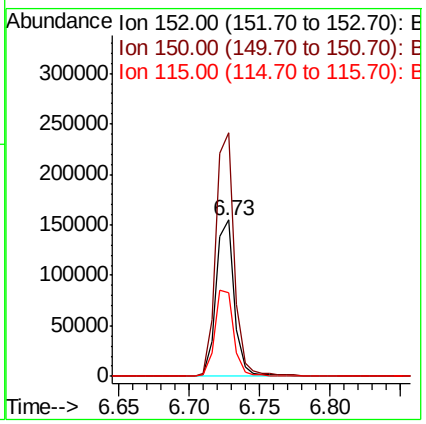


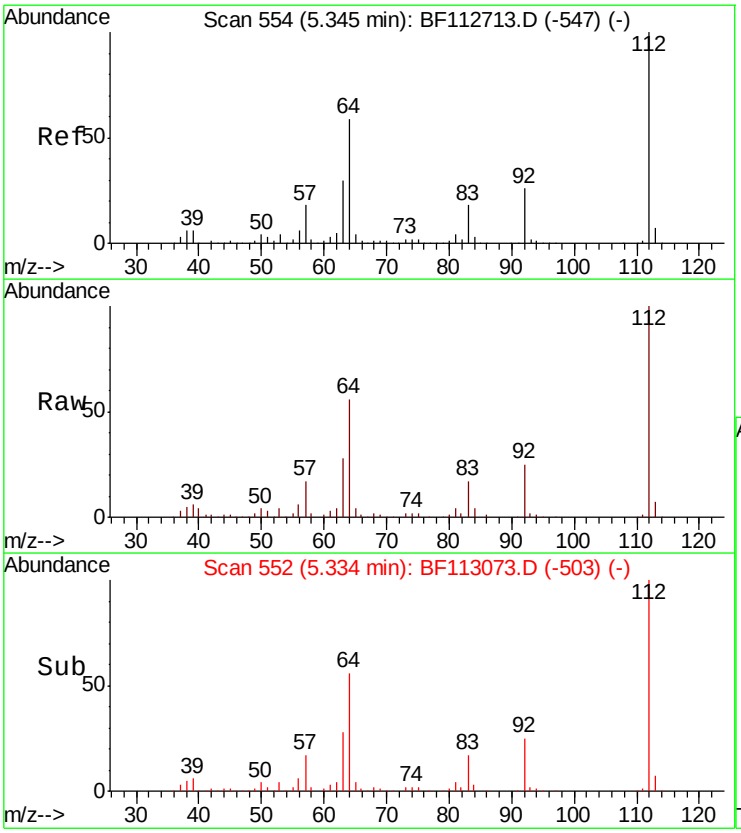
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:152 Resp: 140513

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	53.4	48.2	72.4

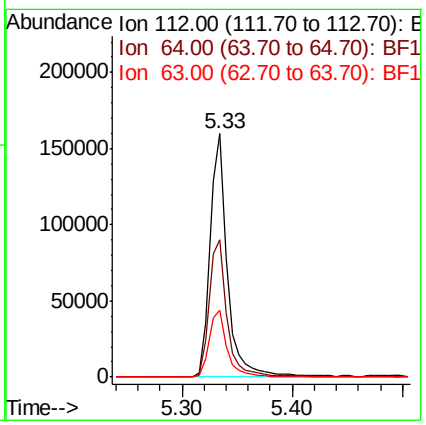


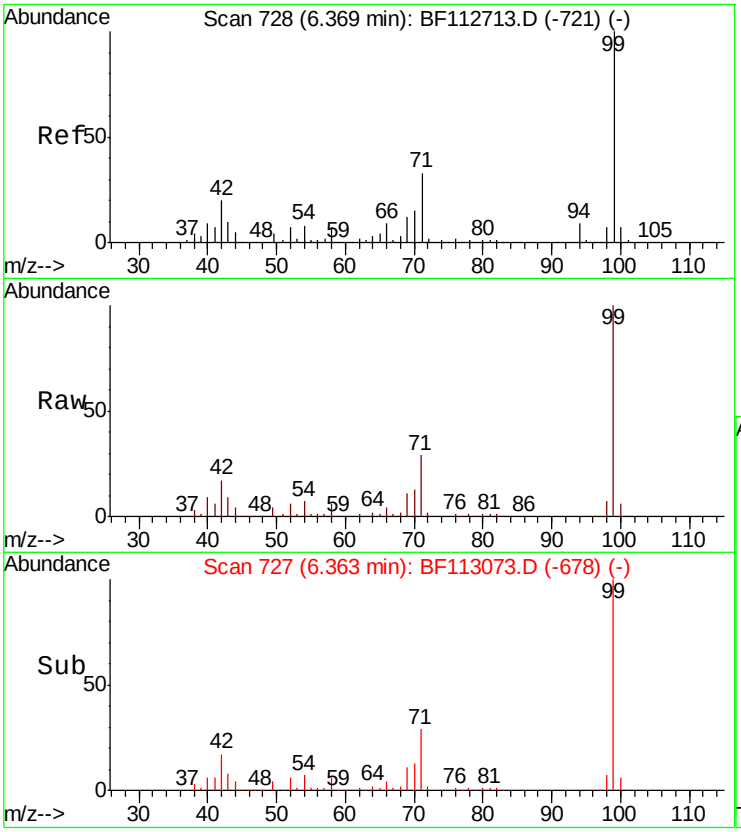


#5
2-Fluorophenol
Concen: 19.011 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:112 Resp: 171731

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.6	71.4
63	27.7	24.4	36.6



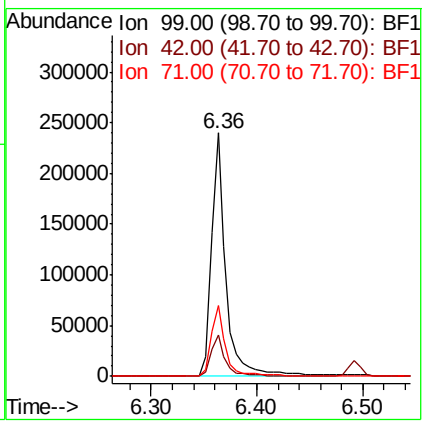


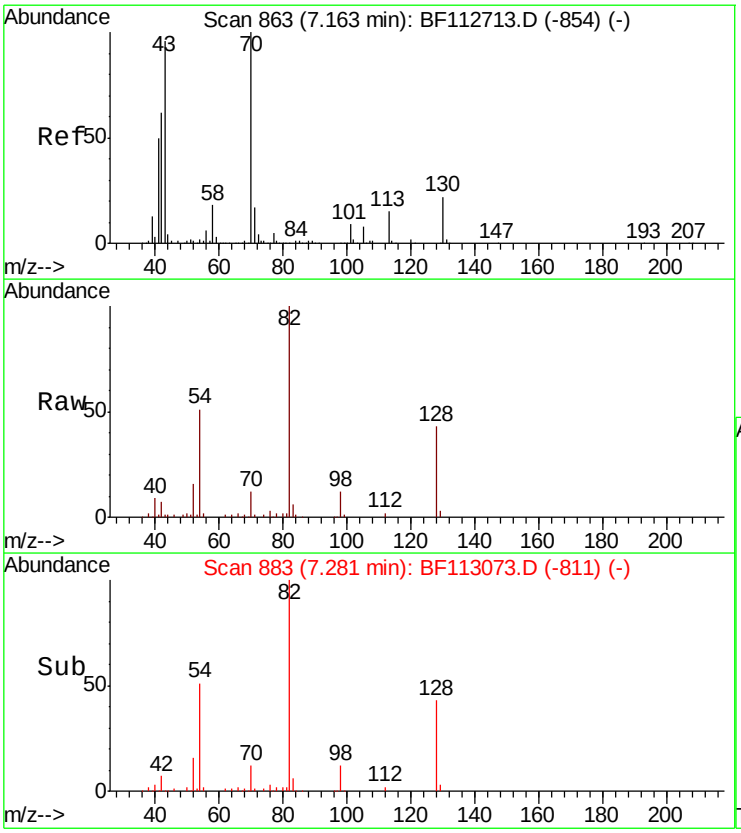
#7
Phenol-d6
Concen: 20.538 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion: 99 Resp: 233044

Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.3	24.5
71	29.2	26.2	39.4

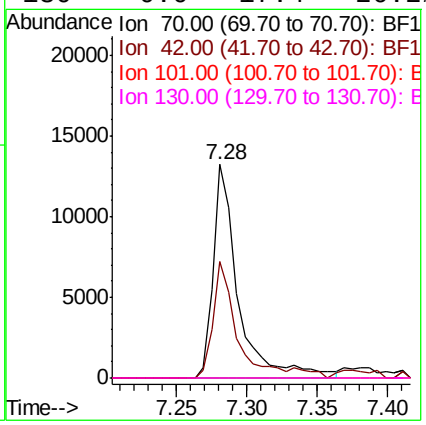


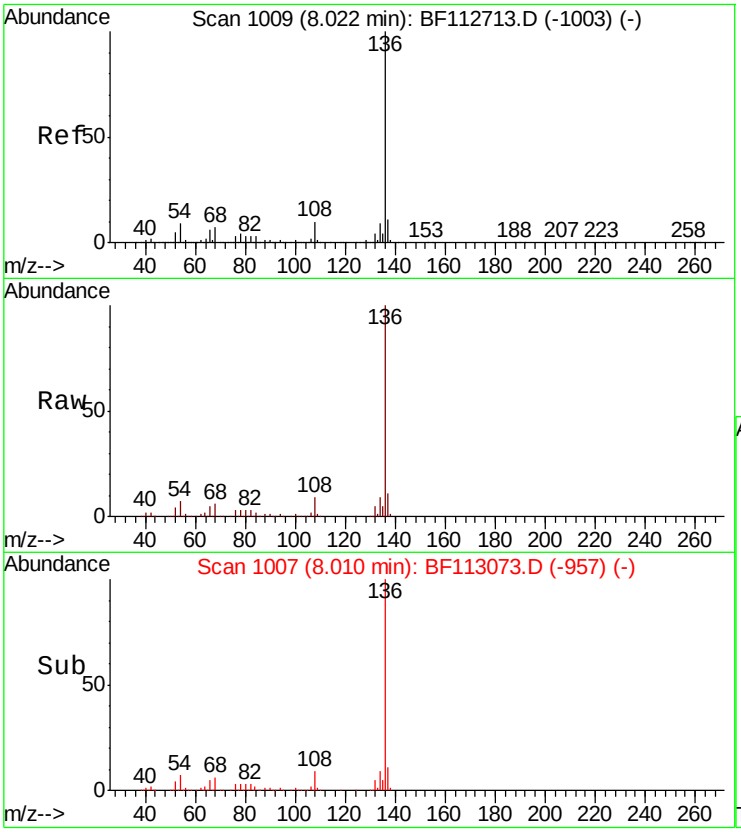


#19
n-Nitroso-di-n-propylamine
Concen: 2.256 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion: 70 Resp: 16210

Ion	Ratio	Lower	Upper
70	100		
42	54.8	49.9	74.9
101	0.0	7.4	11.2#
130	0.0	17.4	26.2#



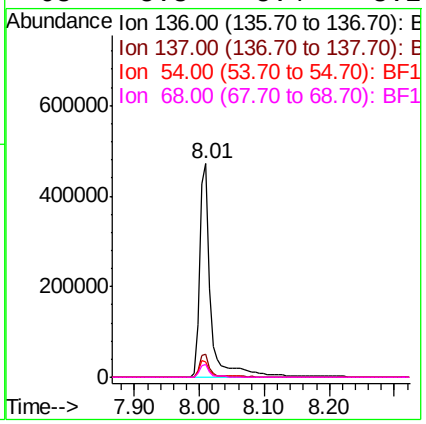


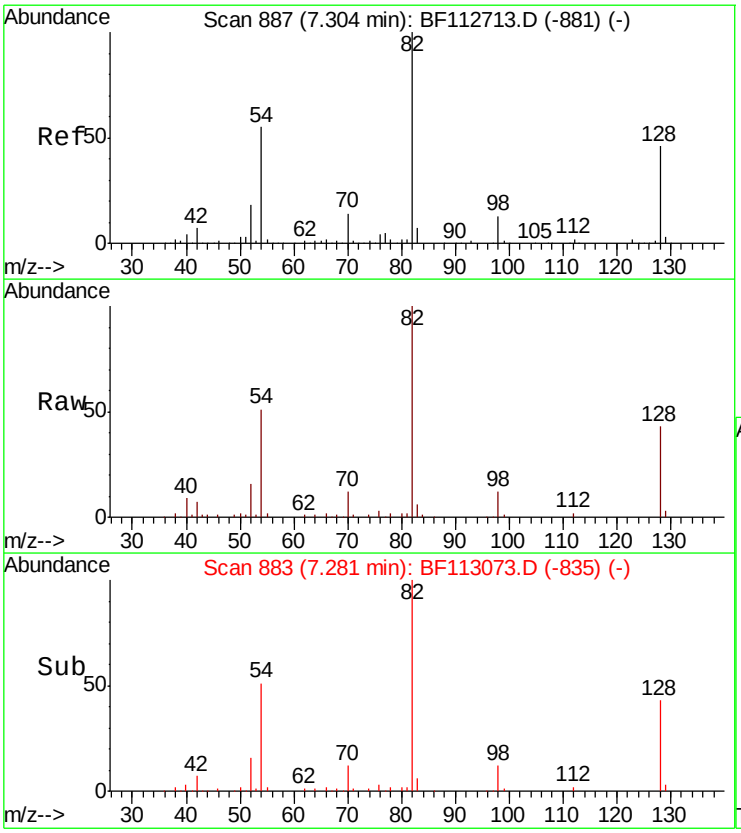
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:136 Resp: 558913

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	7.3	10.9#
68	5.8	5.4	8.2

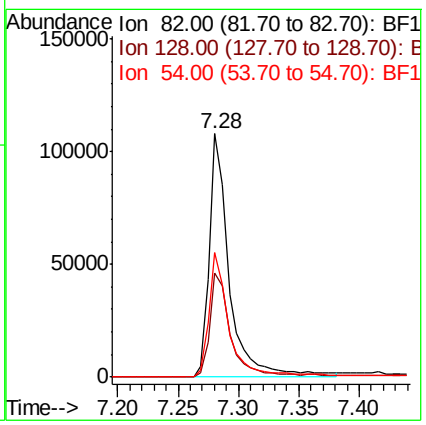


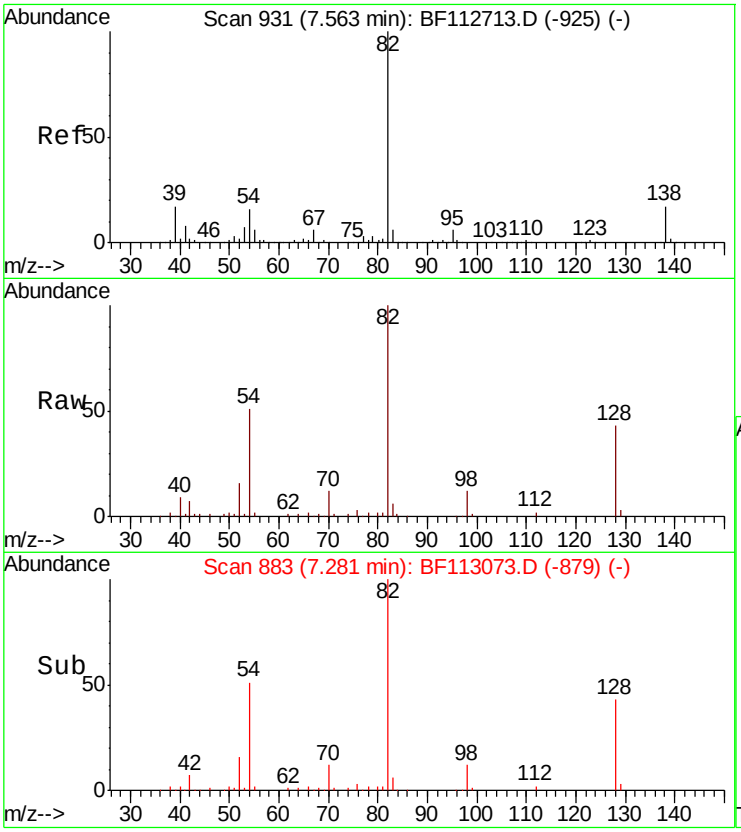


#23
Nitrobenzene-d5
Concen: 13.239 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion: 82 Resp: 123660

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.3	54.5
54	50.9	43.7	65.5



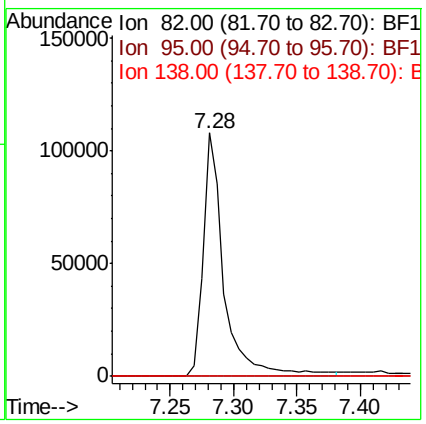


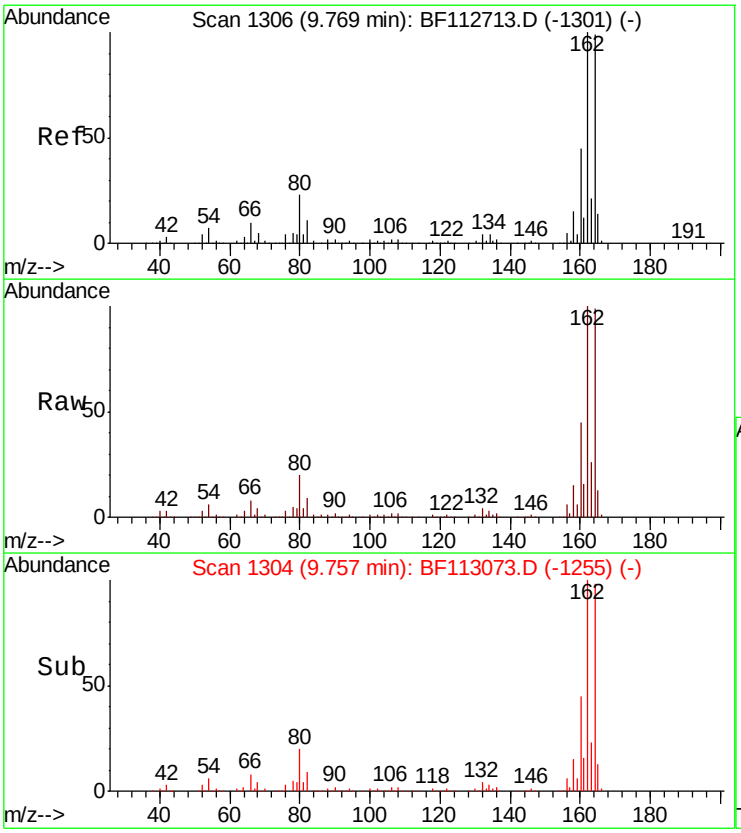
#25
Isophorone
Concen: 6.145 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion: 82 Resp: 123660

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

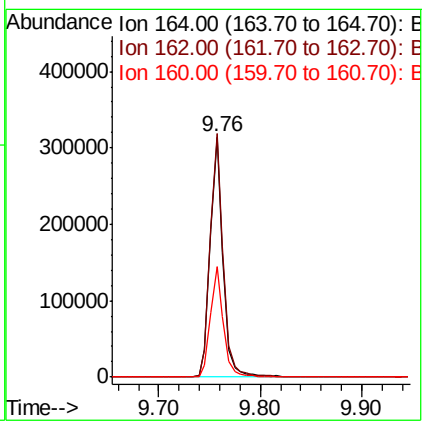


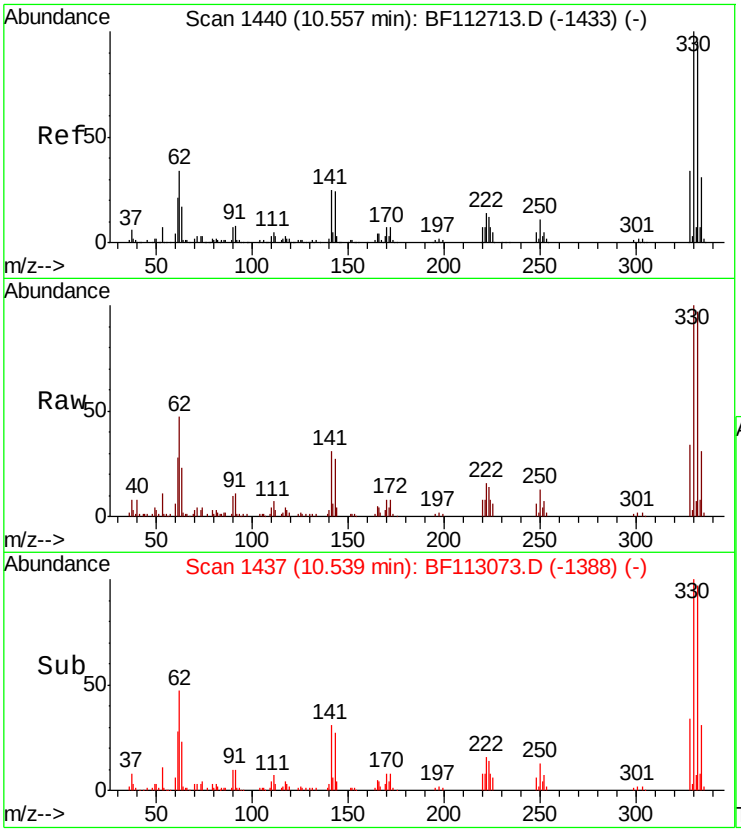


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:164 Resp: 275782

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.1	36.0	54.0



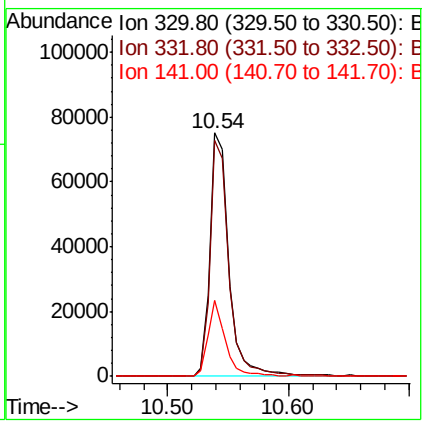


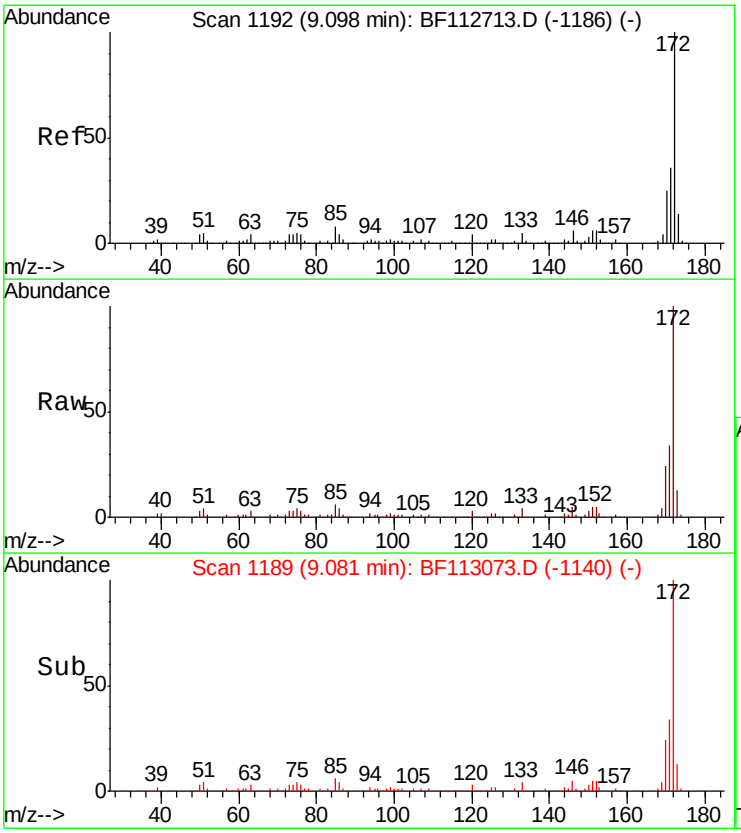
#42
2,4,6-Tribromophenol
Concen: 27.657 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:330 Resp: 80974

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	28.5	27.0	40.6

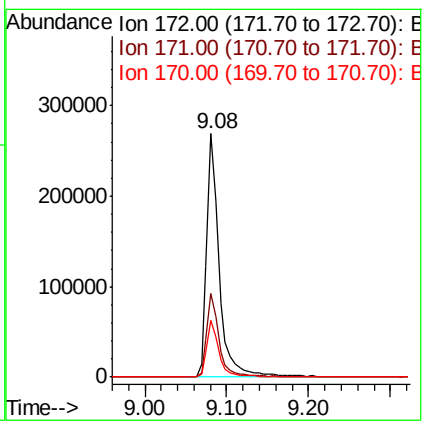


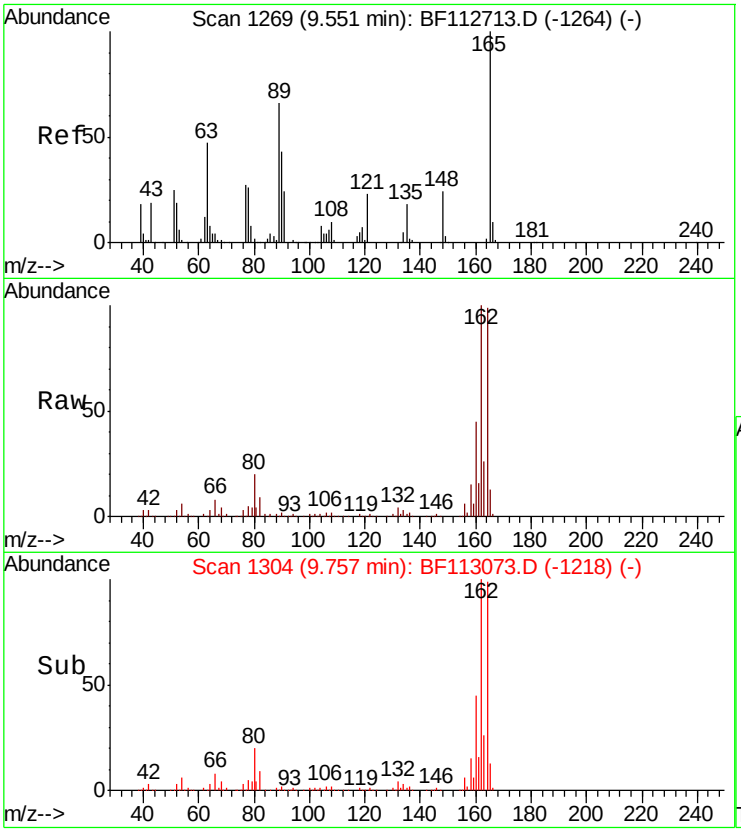


#45
2-Fluorobiphenyl
Concen: 13.084 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:172 Resp: 288952

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.4
170	23.5	20.0	30.0



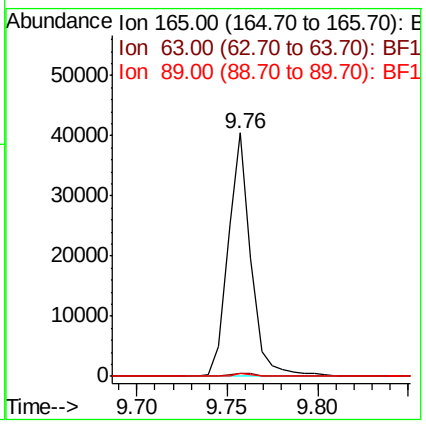


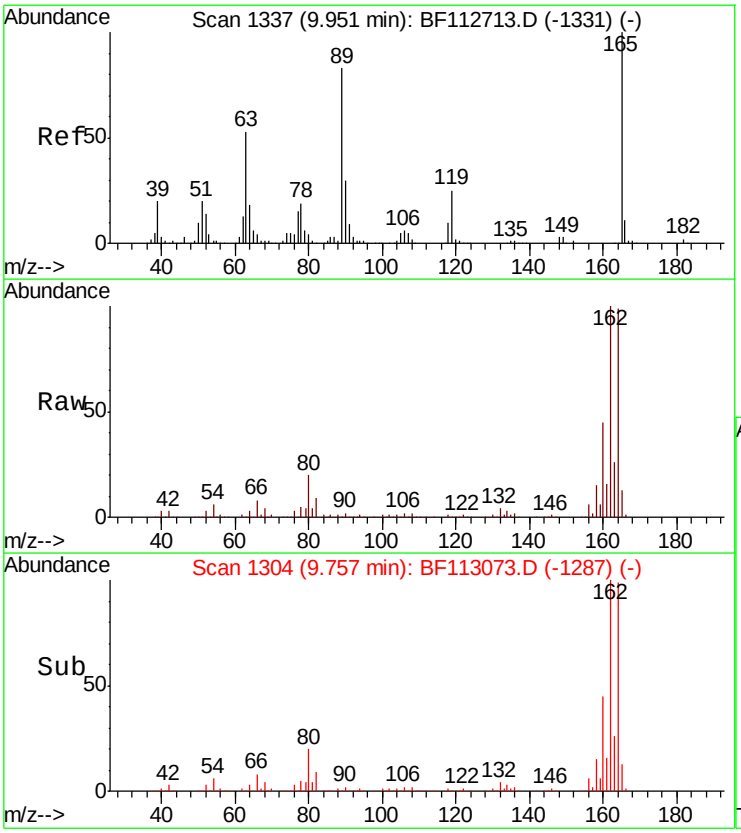
#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:165 Resp: 35247

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.0	52.8	79.2#

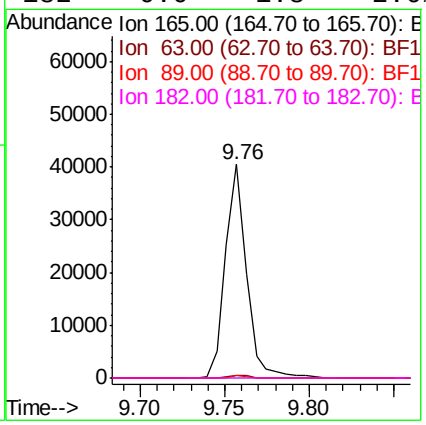


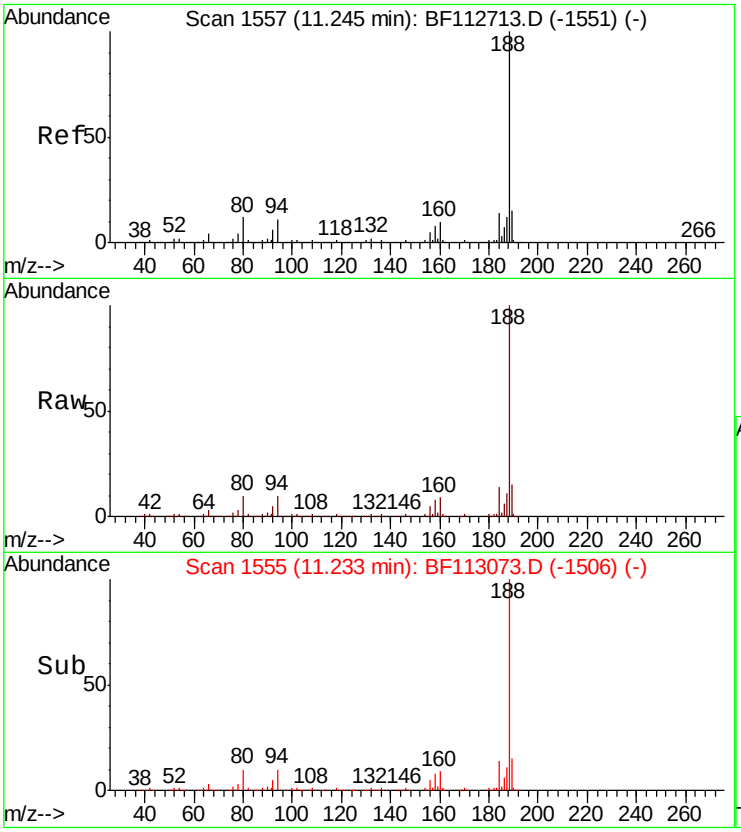


#57
2,4-Dinitrotoluene
Concen: 6.696 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:165 Resp: 35247

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#



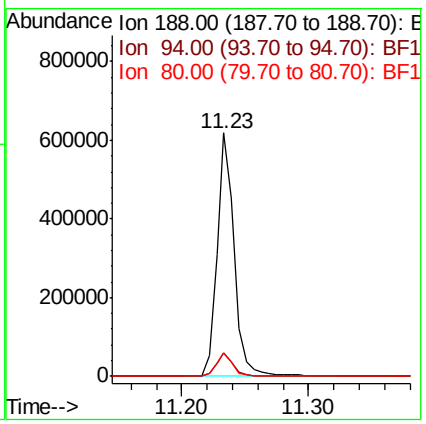


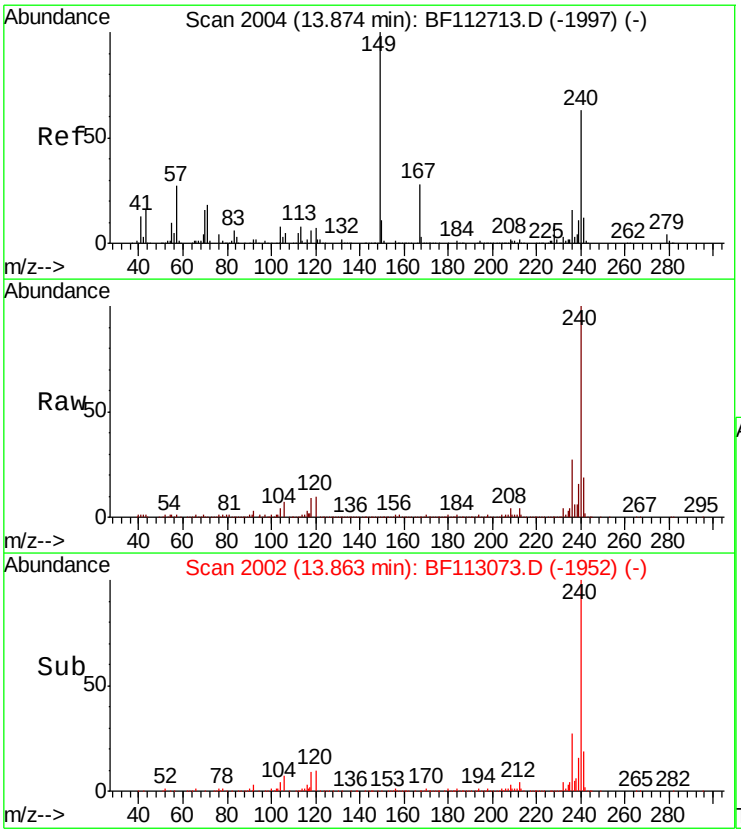
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:188 Resp: 584232

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

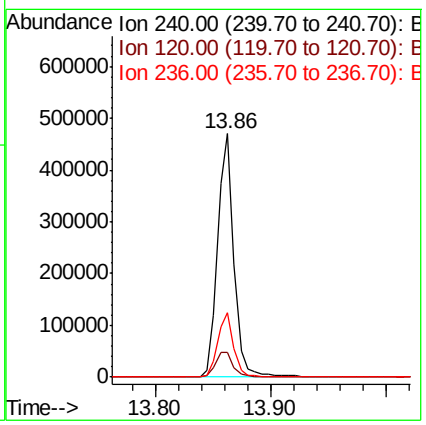


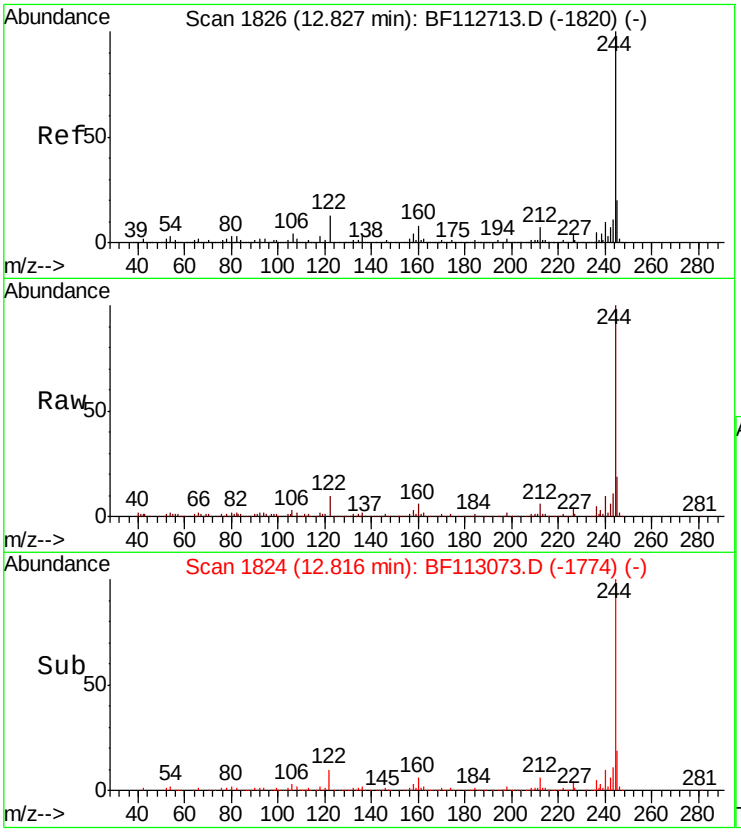


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:240 Resp: 458994

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.7	20.7	31.1



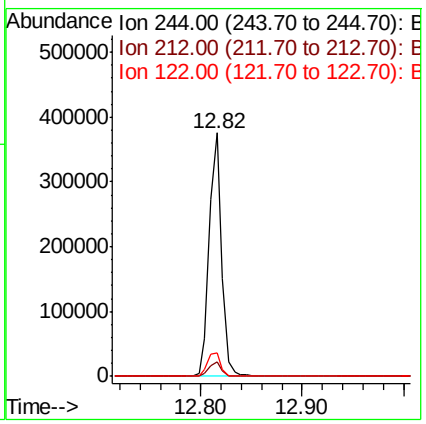


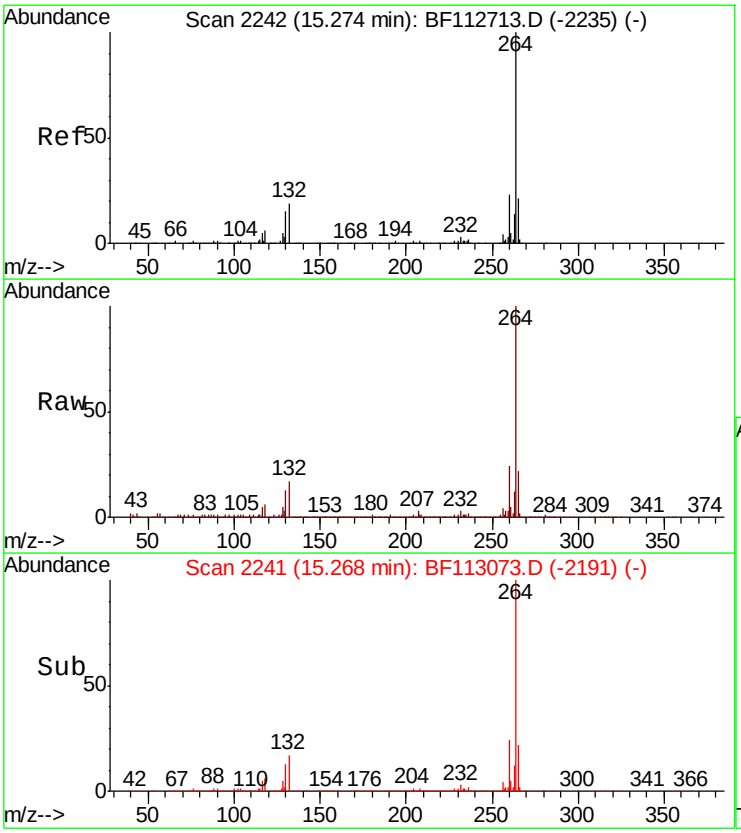
#79
Terphenyl-d14
Concen: 13.483 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tgt Ion:244 Resp: 319253

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	9.6	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:264 Resp: 466383

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8