Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113428.D
Acq On : 29 Mar 2019 22:18
Operator : JU/SJ
Sample : K1685-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-C

Quant Time: Mar 30 00:58:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132335	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	514553	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	253435	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	504831	20.00	ng	0.00
76) Chrysene-d12	13.84	240	472065	20.00	ng	0.00
87) Perylene-d12	15.24	264	430173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	395888	48.92	ng	0.00
7) Phenol-d6	6.35	99	534213	52.18	ng	-0.01
23) Nitrobenzene-d5	7.26	82	307903	35.52	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	148257	47.36	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	593704	24.08	ng	0.00
79) Terphenyl-d14	12.79	244	631295	29.48	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	38521	5.990	ng	# 73
25) Isophorone	7.26	82	307902	18.327	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	32003	7.553	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	32003	5.939	ng	# 23
75) Fluoranthene	12.42	202	84229	2.972	ng	99
78) Pyrene	12.65	202	66340	2.028	ng	98

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

Quantitation Report (Not Reviewed)

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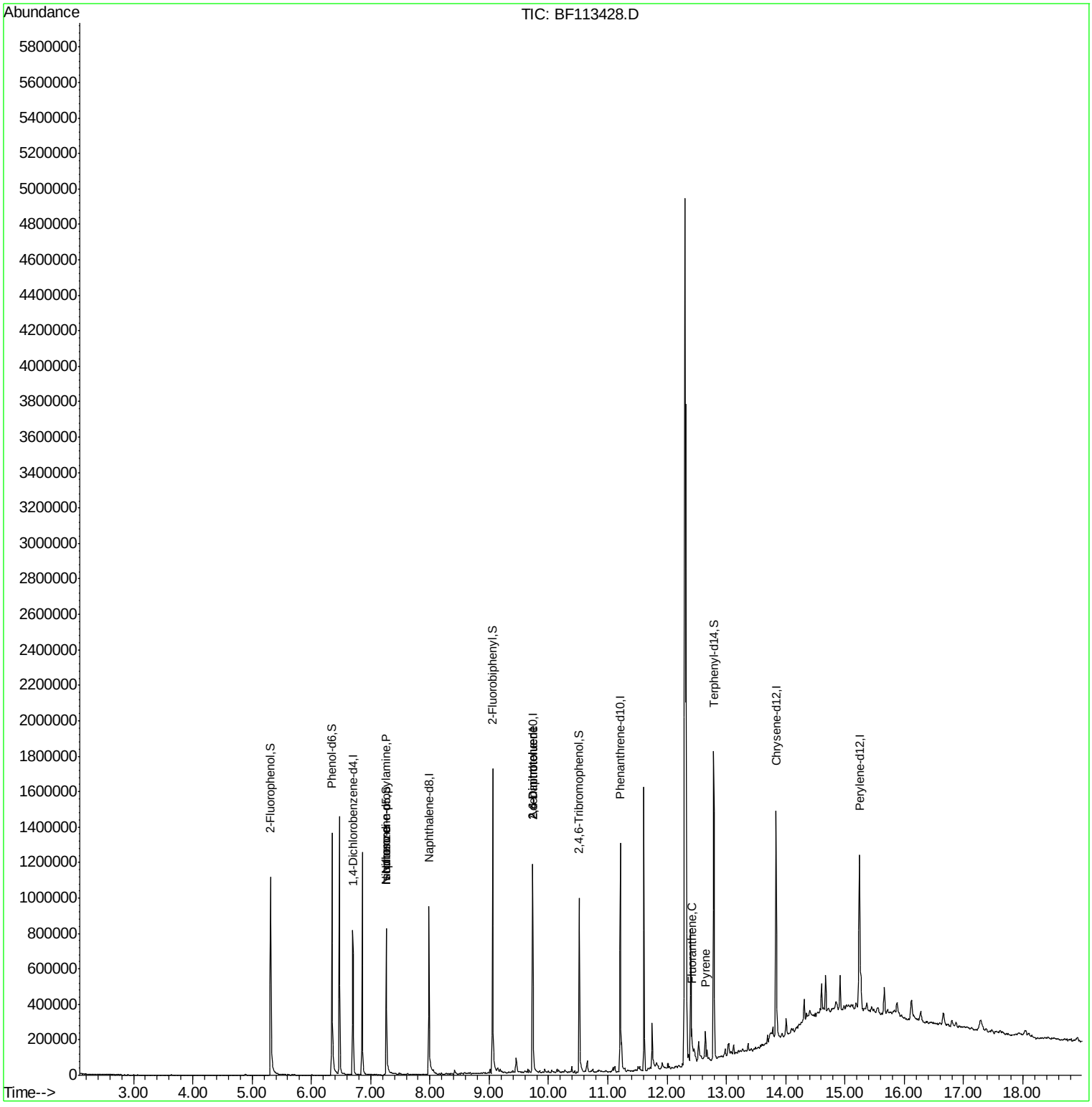
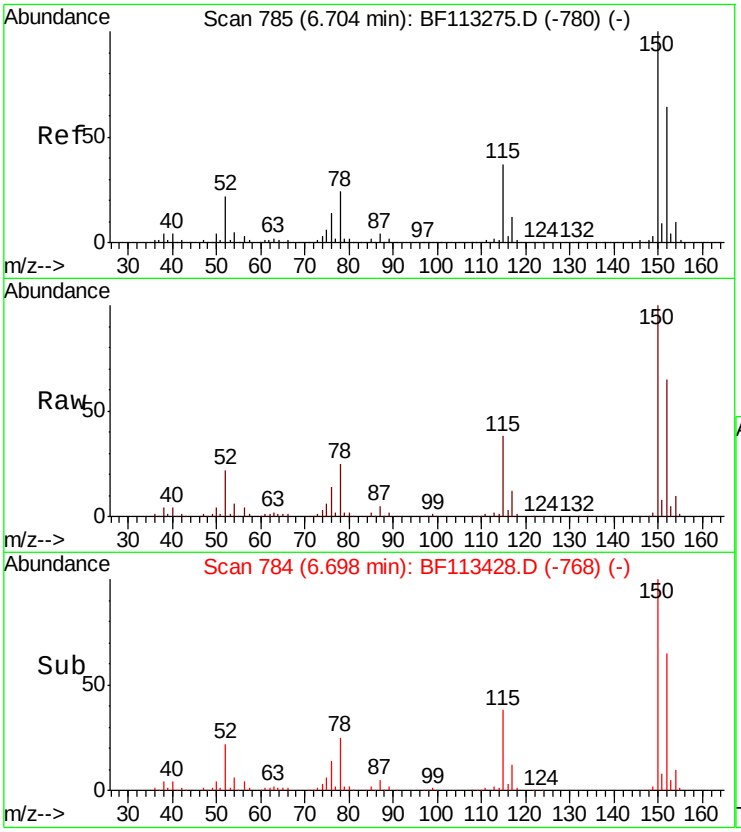


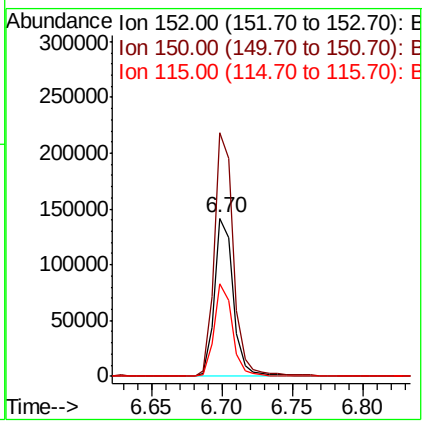


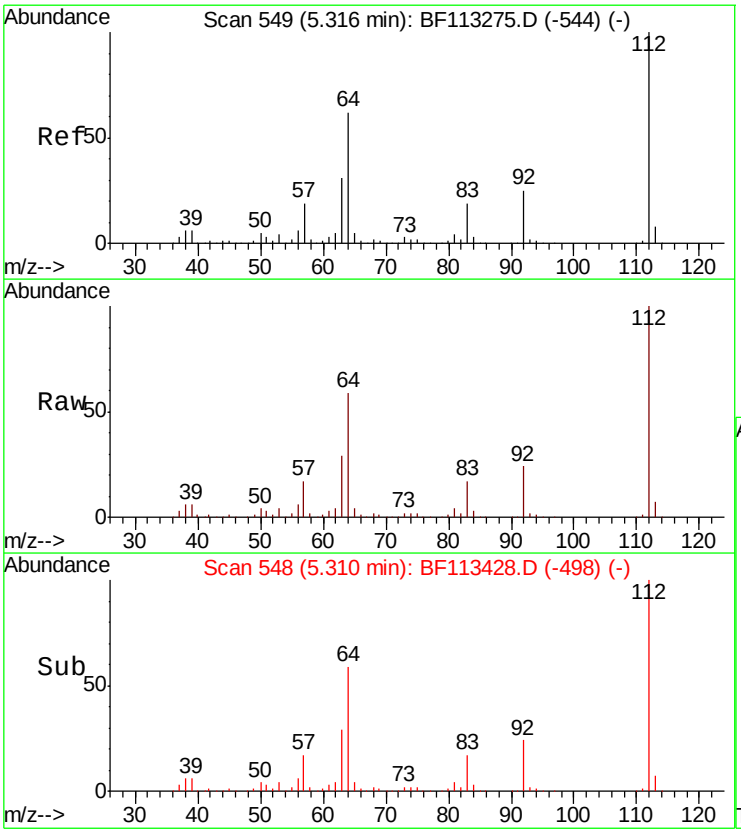
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:152 Resp: 132335

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	58.2	46.0	69.0

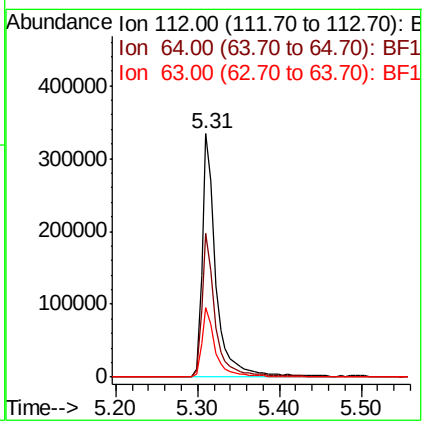


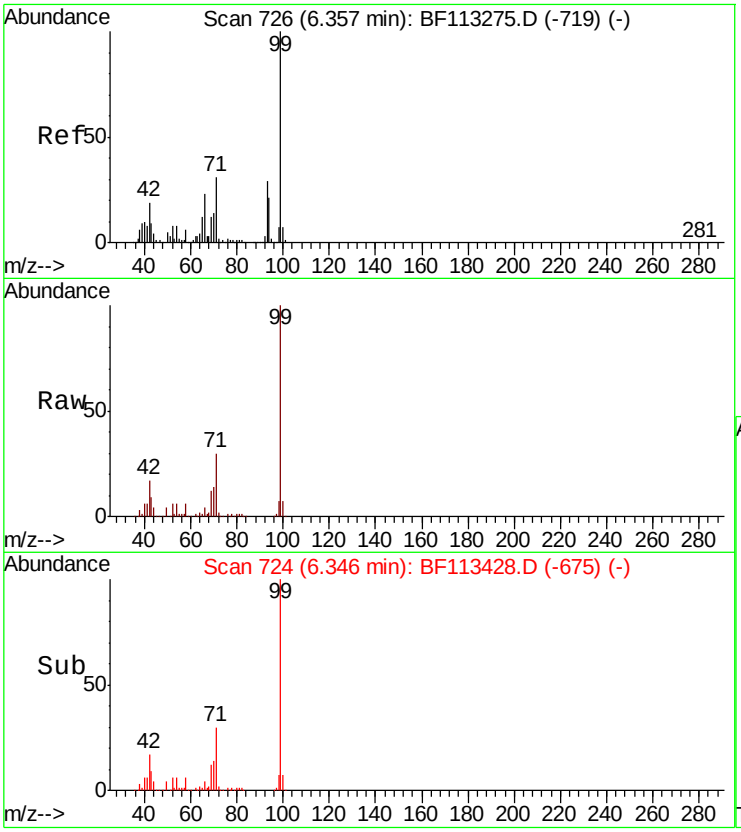


#5
2-Fluorophenol
Concen: 48.916 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:112 Resp: 395888

Ion	Ratio	Lower	Upper
112	100		
64	59.2	49.2	73.8
63	28.8	24.9	37.3



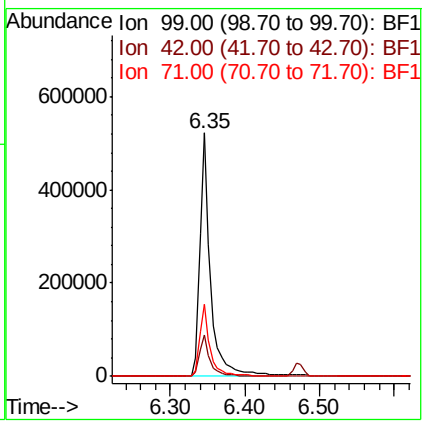


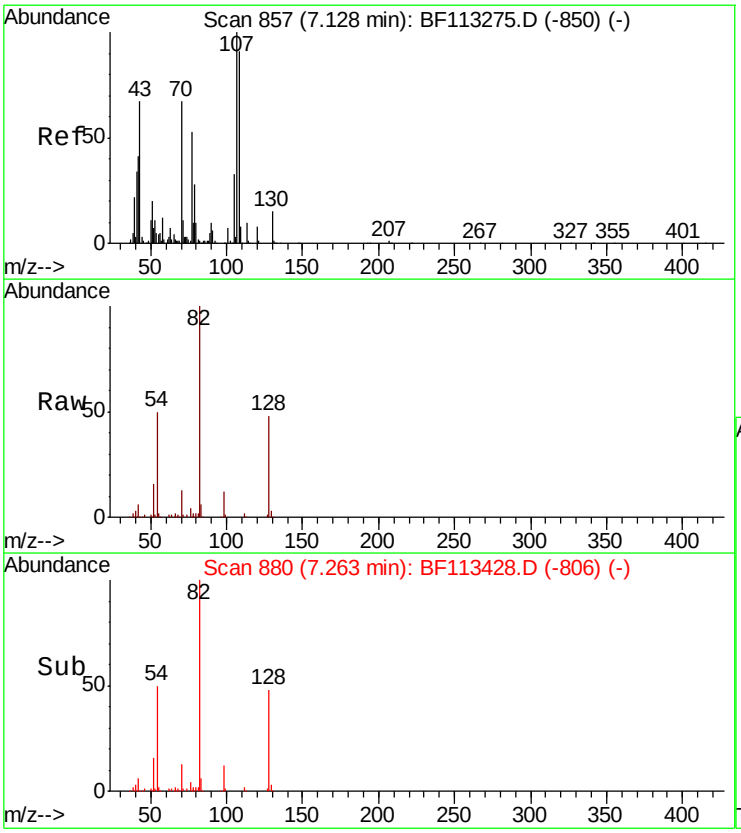
#7
Phenol-d6
Concen: 52.177 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion: 99 Resp: 534213

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	29.6	24.9	37.3

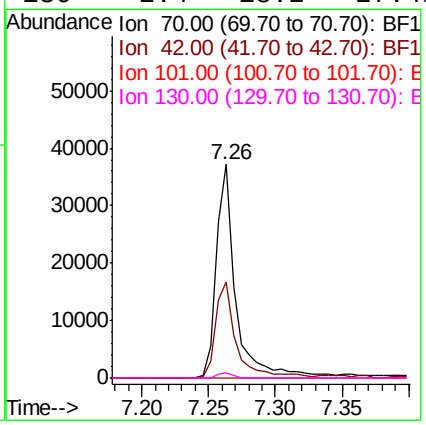


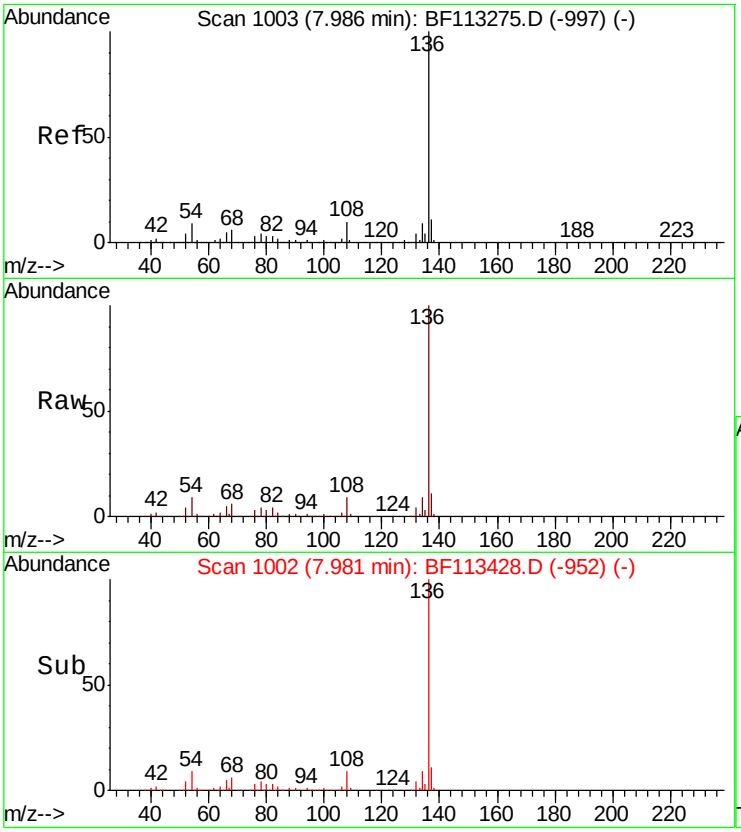


#19
n-Nitroso-di-n-propylamine
Concen: 5.990 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion: 70 Resp: 38521

Ion	Ratio	Lower	Upper
70	100		
42	44.7	48.4	72.6#
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#



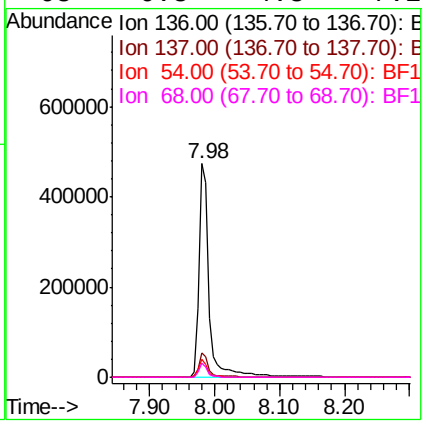


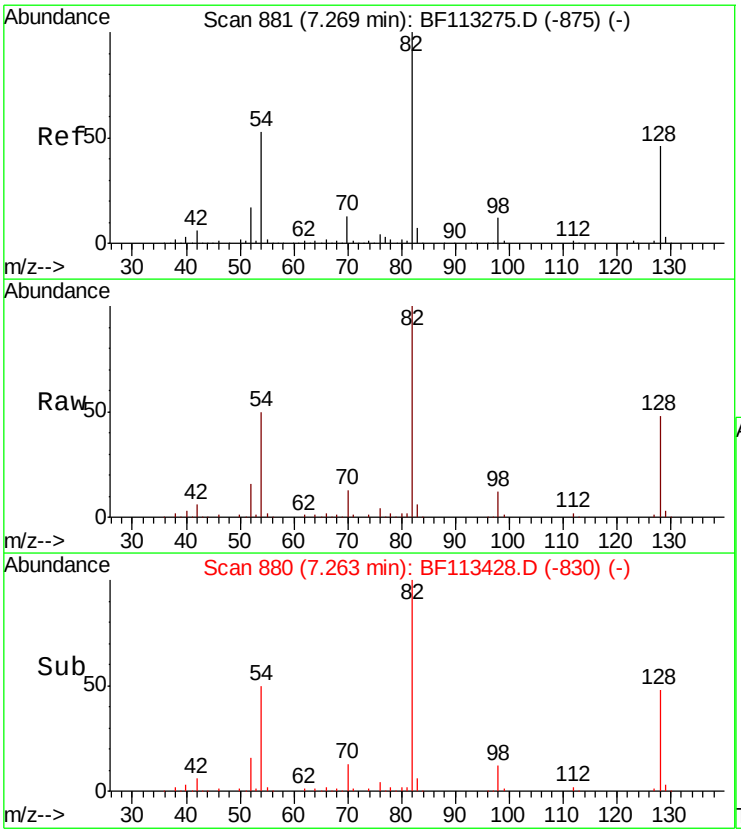
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:136 Resp: 514553

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.0	10.6
68	6.3	4.8	7.2

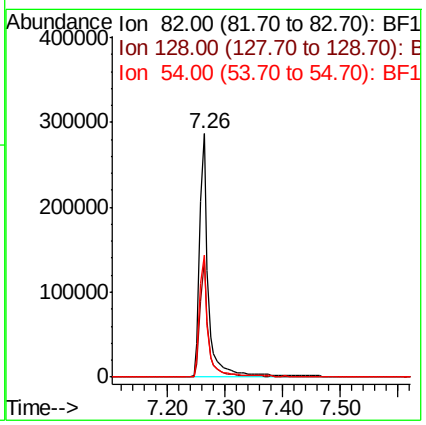


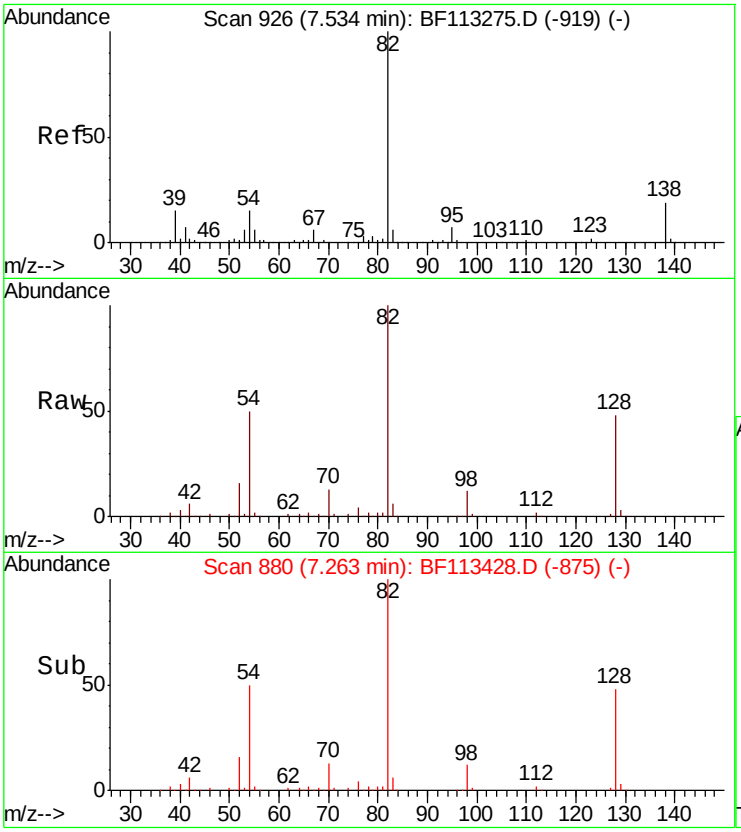


#23
Nitrobenzene-d5
Concen: 35.517 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion: 82 Resp: 307903

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	49.9	42.2	63.2



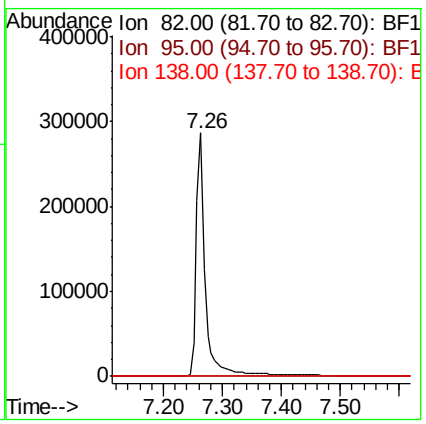


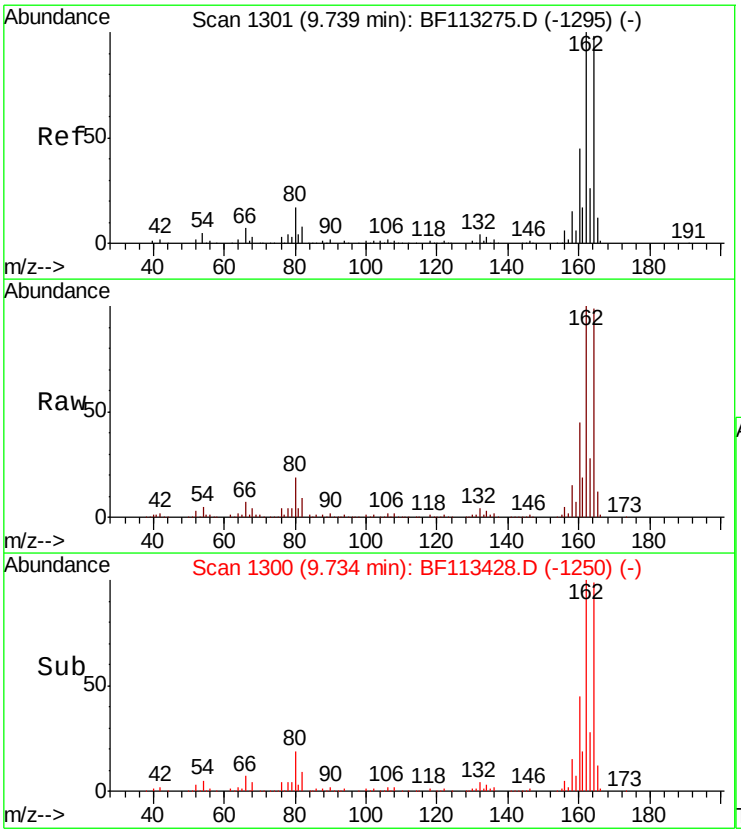
#25
Isophorone
Concen: 18.327 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion: 82 Resp: 307902

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

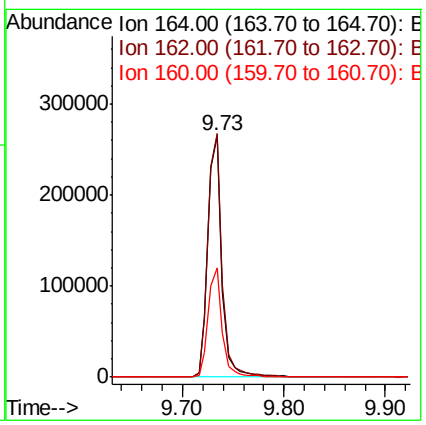


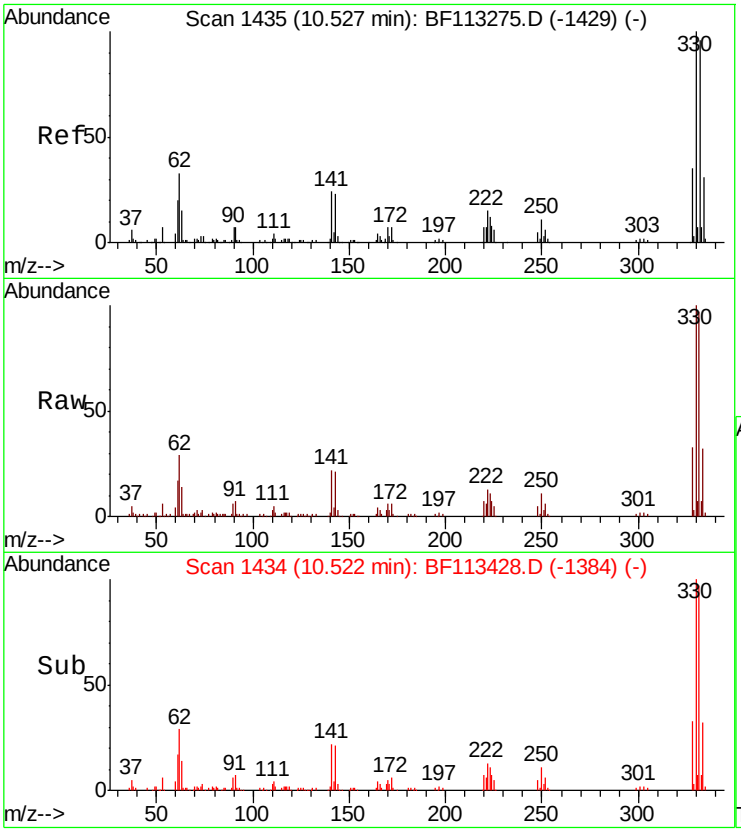


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:164 Resp: 253435

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.2	36.4	54.6



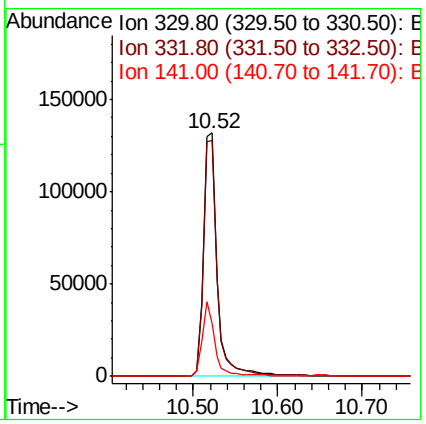


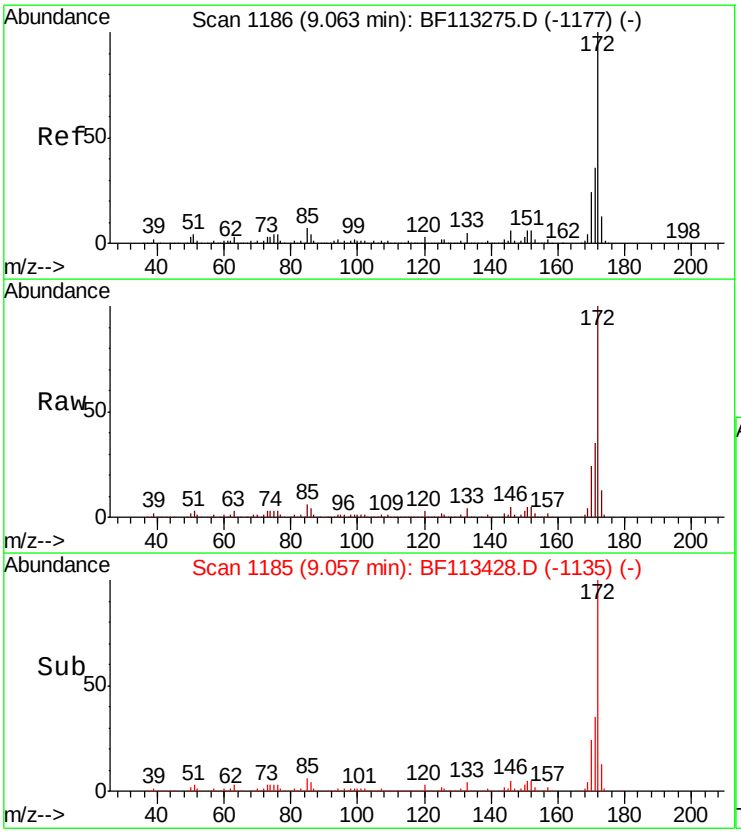
#42
2,4,6-Tribromophenol
Concen: 47.359 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:330 Resp: 148257

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	27.8	22.7	34.1

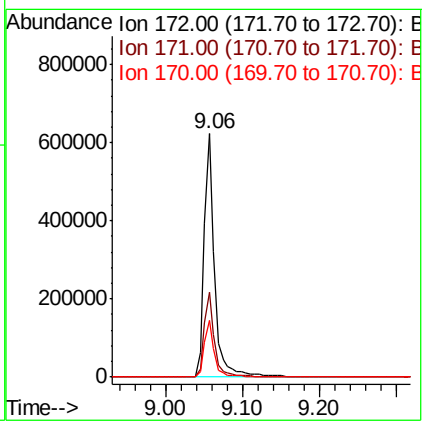


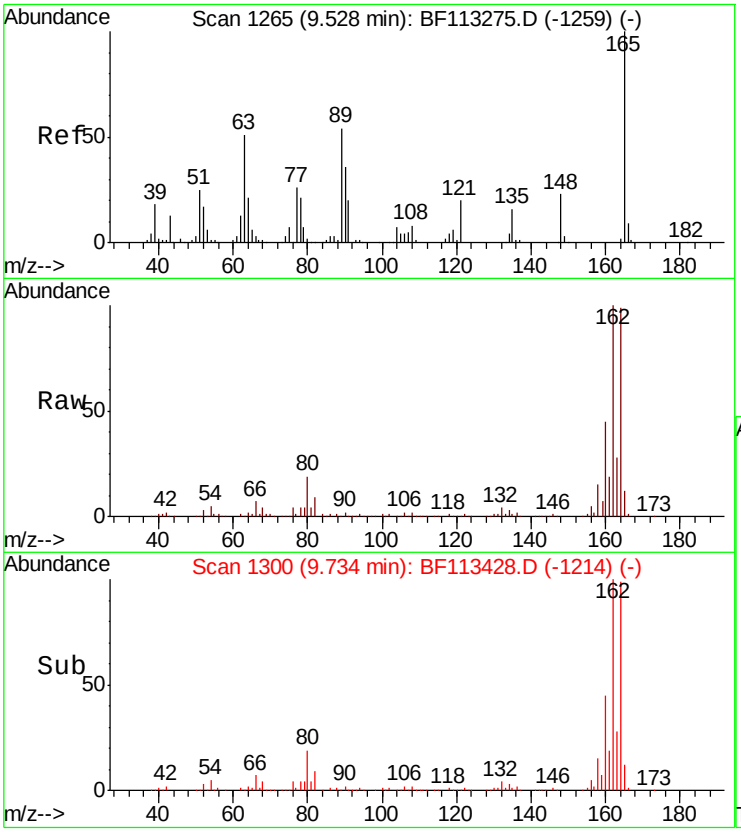


#45
2-Fluorobiphenyl
Concen: 24.076 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:172 Resp: 593704

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.5	19.5	29.3



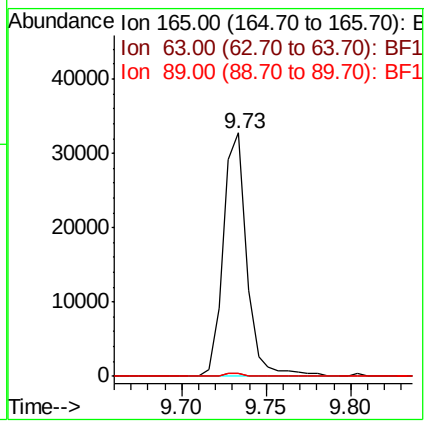


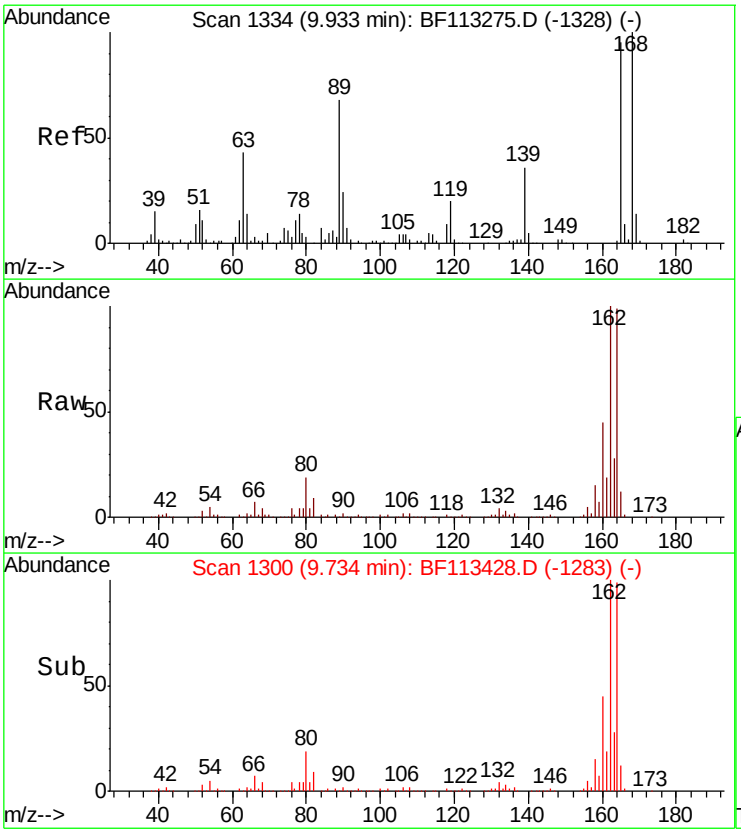
#51
2,6-Dinitrotoluene
Concen: 7.553 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:165 Resp: 32003

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.3	43.1	64.7#

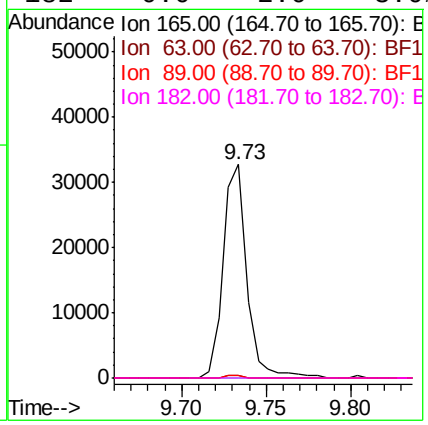


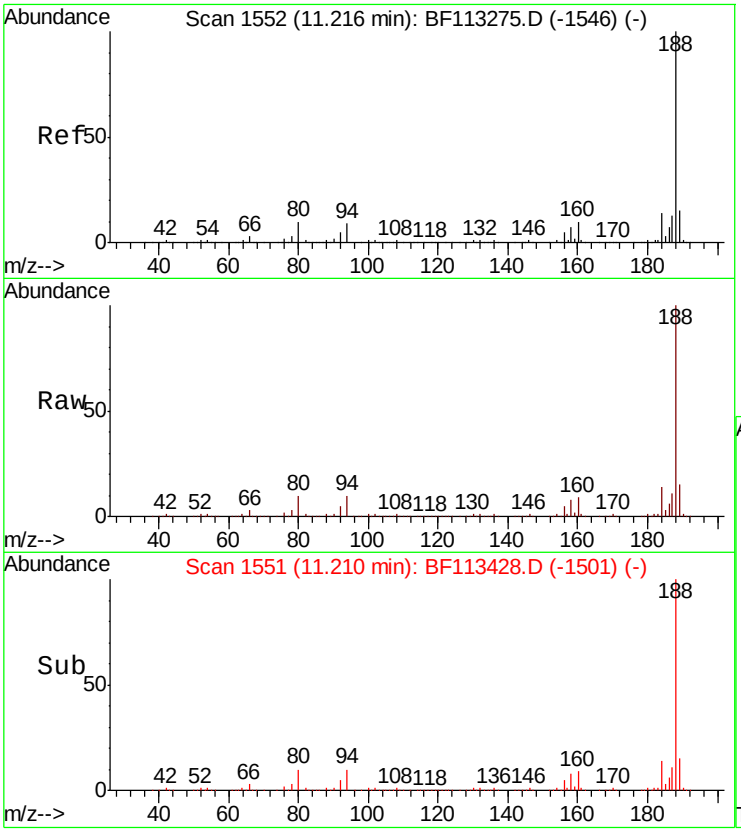


#57
2,4-Dinitrotoluene
Concen: 5.939 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:165 Resp: 32003

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#



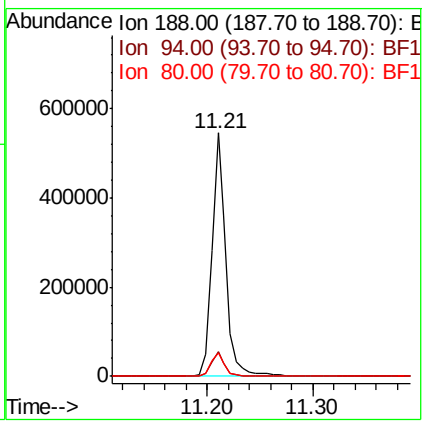


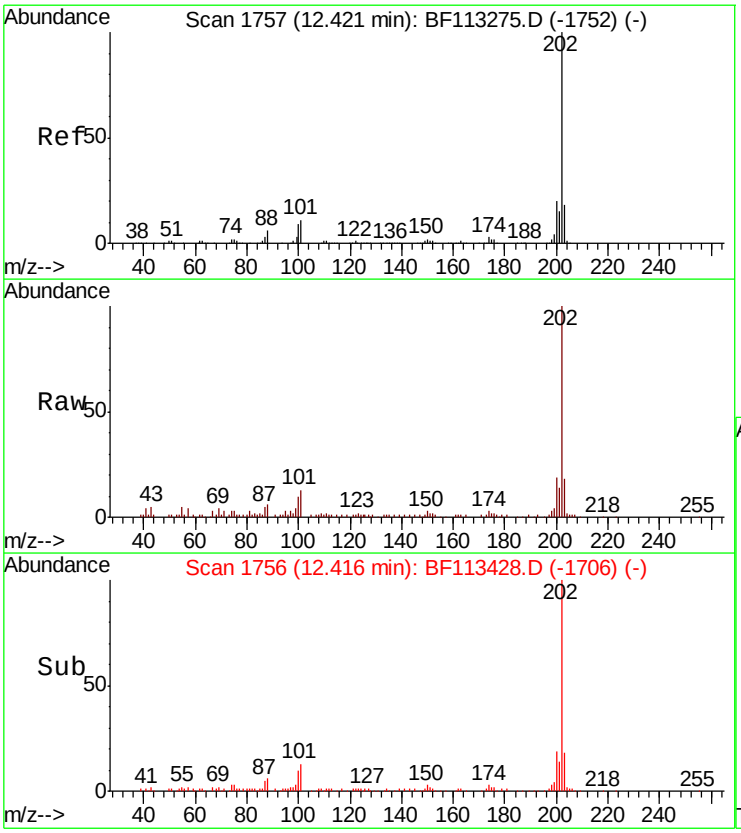
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:188 Resp: 504831

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	9.9	7.7	11.5

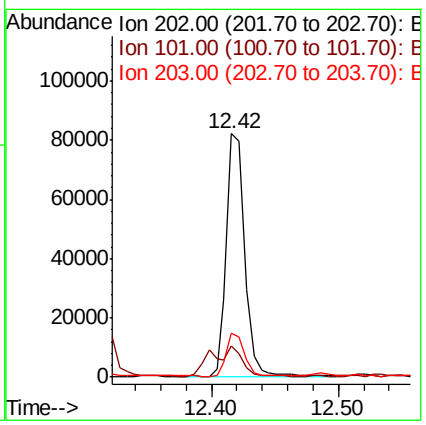


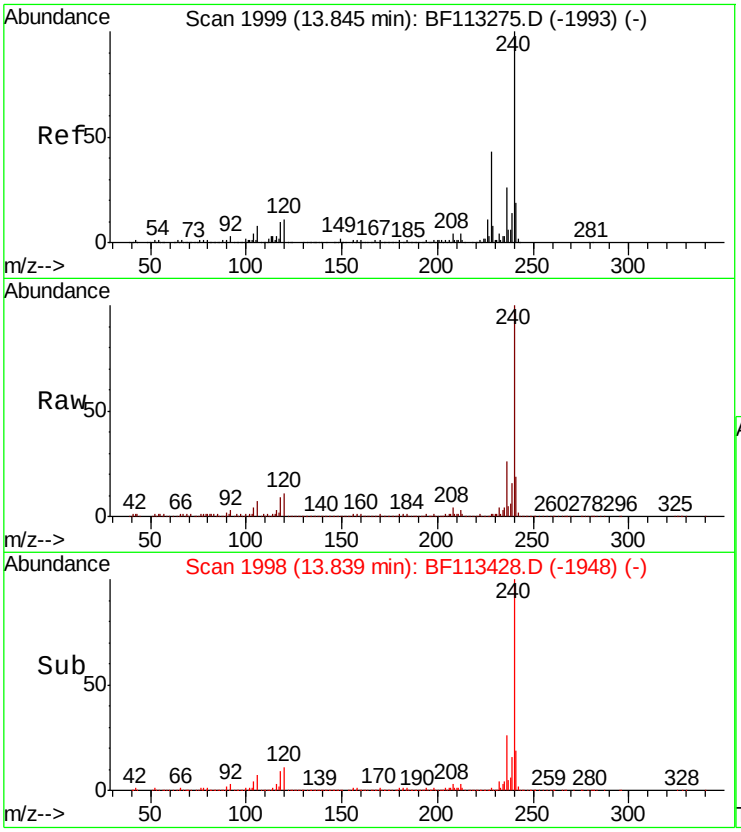


#75
Fluoranthene
Concen: 2.972 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 84229

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	18.0	0.0	38.0



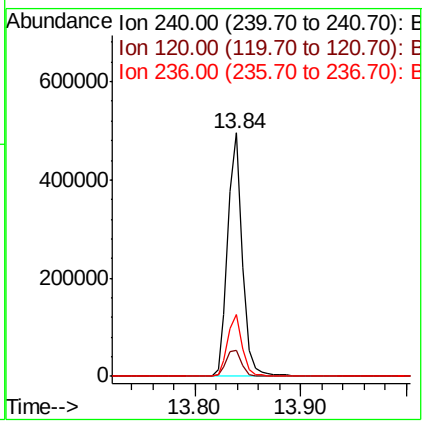


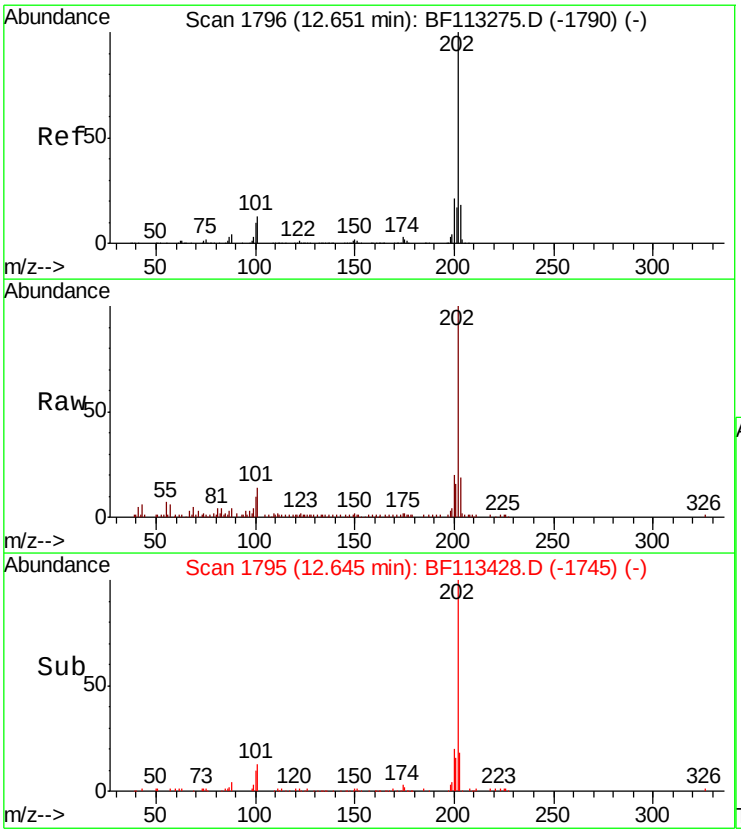
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:240 Resp: 472065

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.6	20.9	31.3

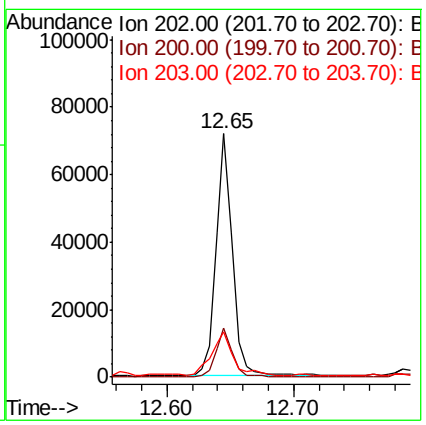


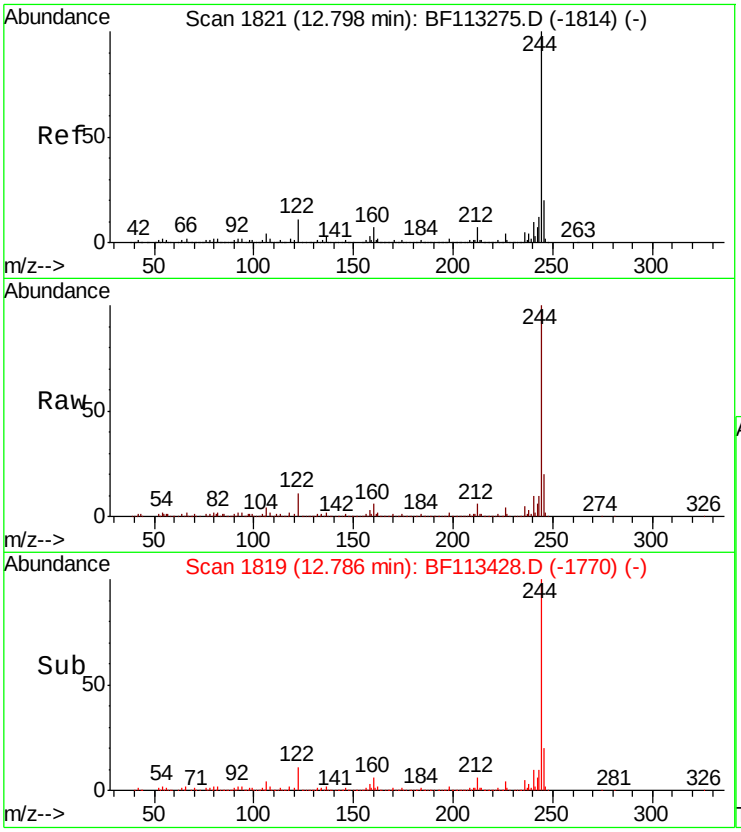


#78
Pyrene
Concen: 2.028 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 66340

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.6	14.4	21.6



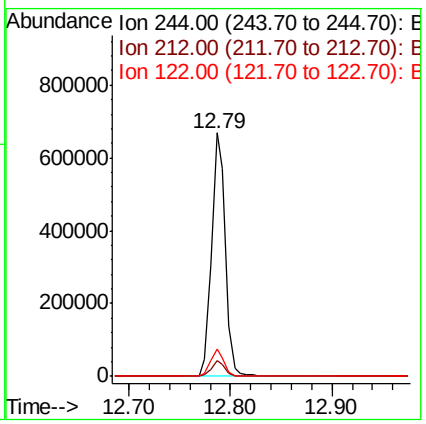


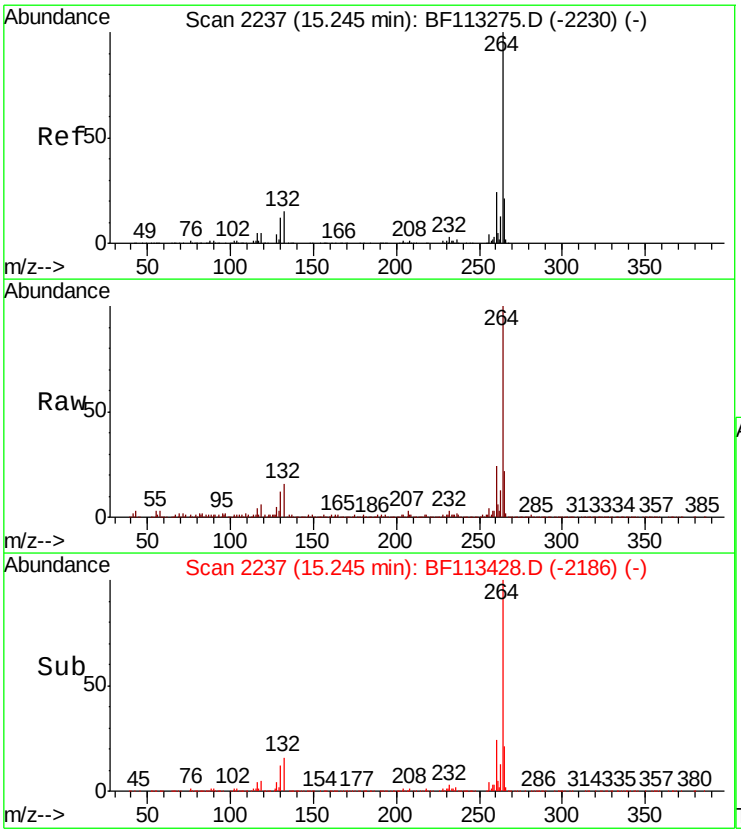
#79
Terphenyl-d14
Concen: 29.476 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:244 Resp: 631295

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	11.3	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:264 Resp: 430173

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.1	25.7