Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118196.D
Acq On : 13 Dec 2019 19:55
Operator : JU
Sample : K6186-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-GAC-IDW01

Quant Time: Dec 13 22:47:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	498708	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262898	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	491530	20.00	ng	0.00
76) Chrysene-d12	14.06	240	311511	20.00	ng	-0.01
87) Perylene-d12	15.55	264	303644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	888289	119.87	ng	0.02
7) Phenol-d6	6.50	99	959577	107.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	753398	84.99	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	434655	136.10	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1563217	90.48	ng	0.00
79) Terphenyl-d14	13.00	244	1846999	101.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1458	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	102523	18.824	ng	# 77
25) Isophorone	7.43	82	749758	49.892	ng	# 62
50) Dimethylphthalate	9.63	163	60620	3.122	ng	97
51) 2,6-Dinitrotoluene	9.92	165	33294	7.885	ng	# 28
57) 2,4-Dinitrotoluene	9.92	165	33294	5.907	ng	# 26
67) 4-Bromophenyl-phenylether	10.71	248	27646	4.927	ng	# 1
77) Benzidine	13.00	184	25439	3.102	ng	# 93

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

Quantitation Report (Not Reviewed)

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Data File : BF118196.D
Acq On : 13 Dec 2019 19:55
Operator : JU
Sample : K6186-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Quant Time: Dec 13 22:47:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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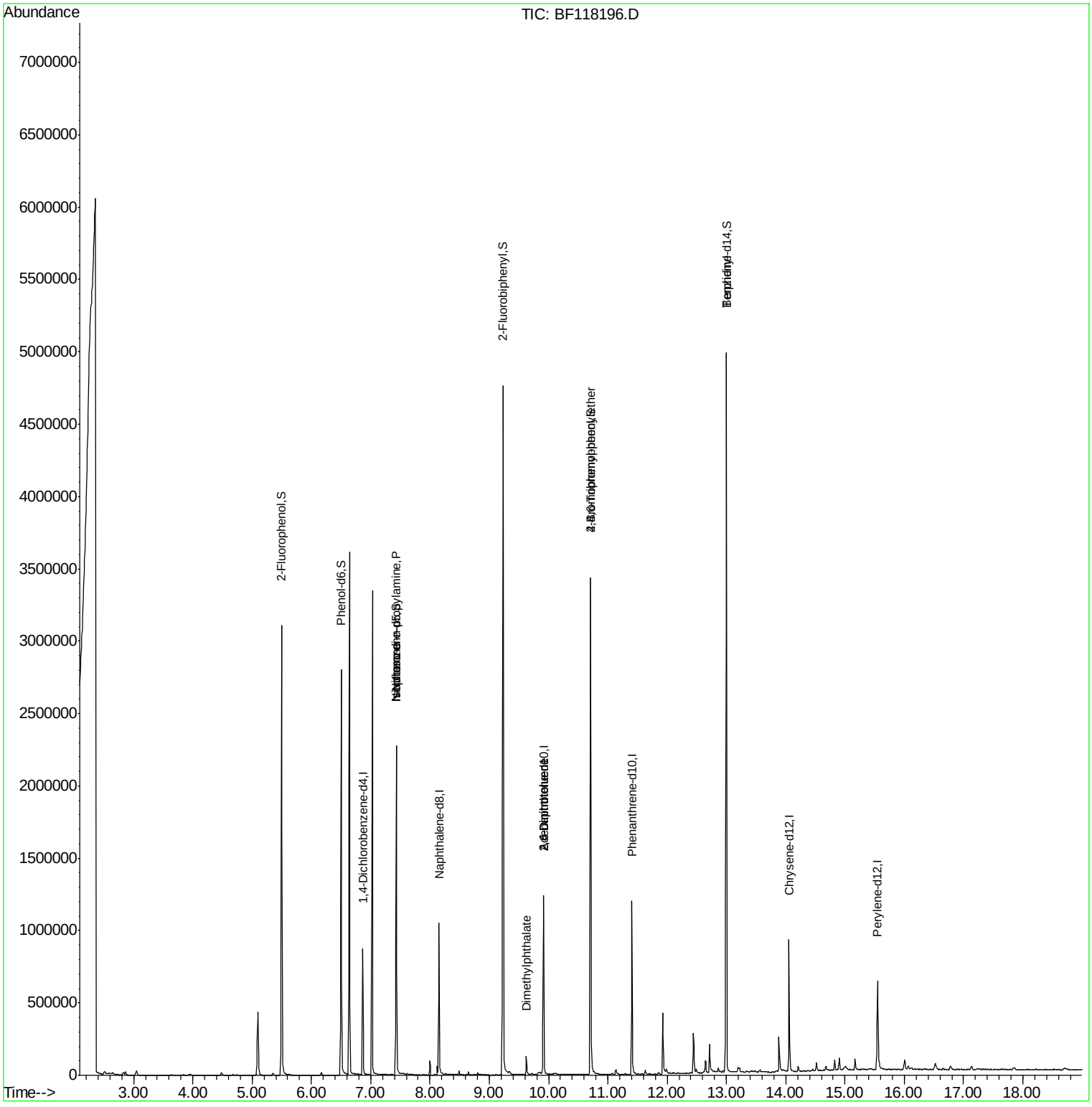
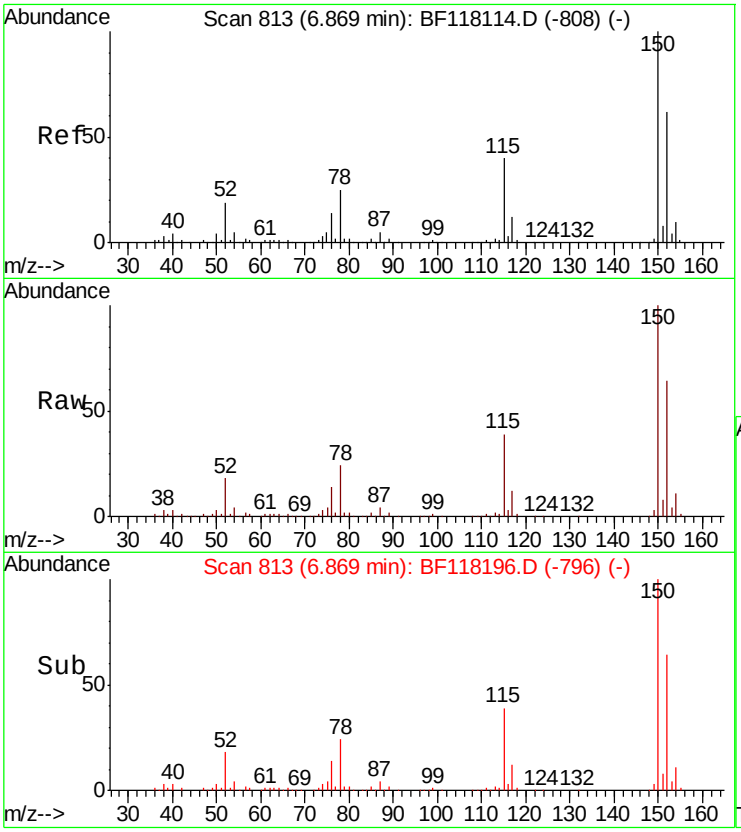


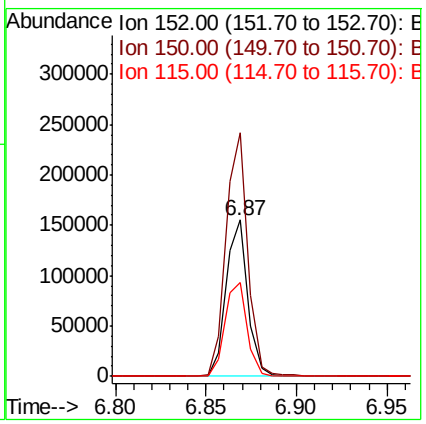


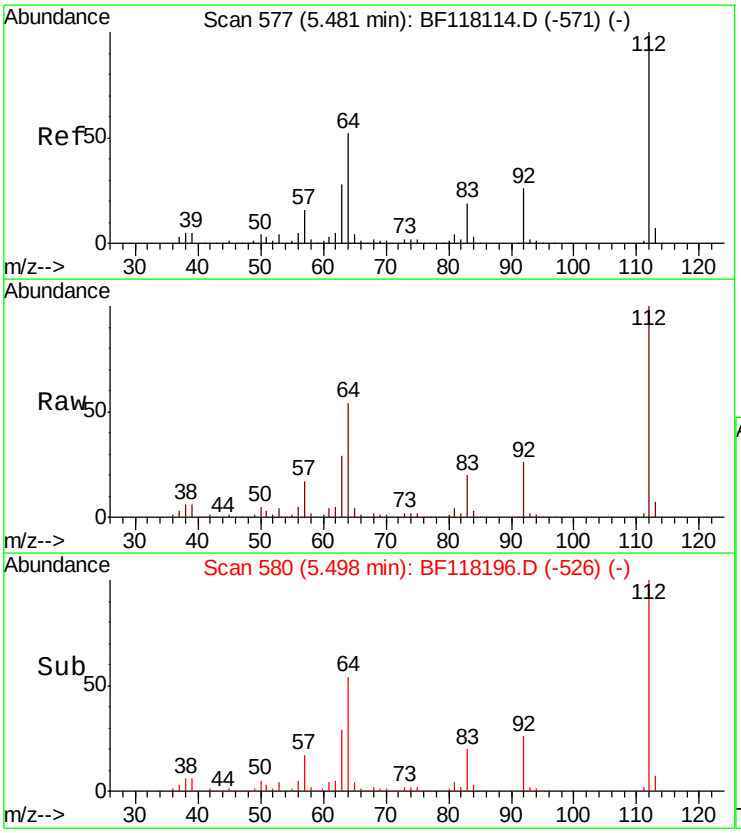
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:152 Resp: 129787

Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.3	192.5
115	60.2	51.1	76.7

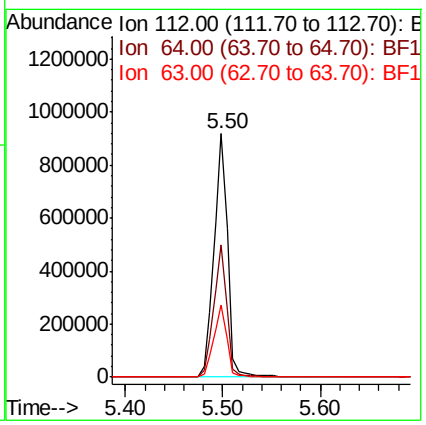


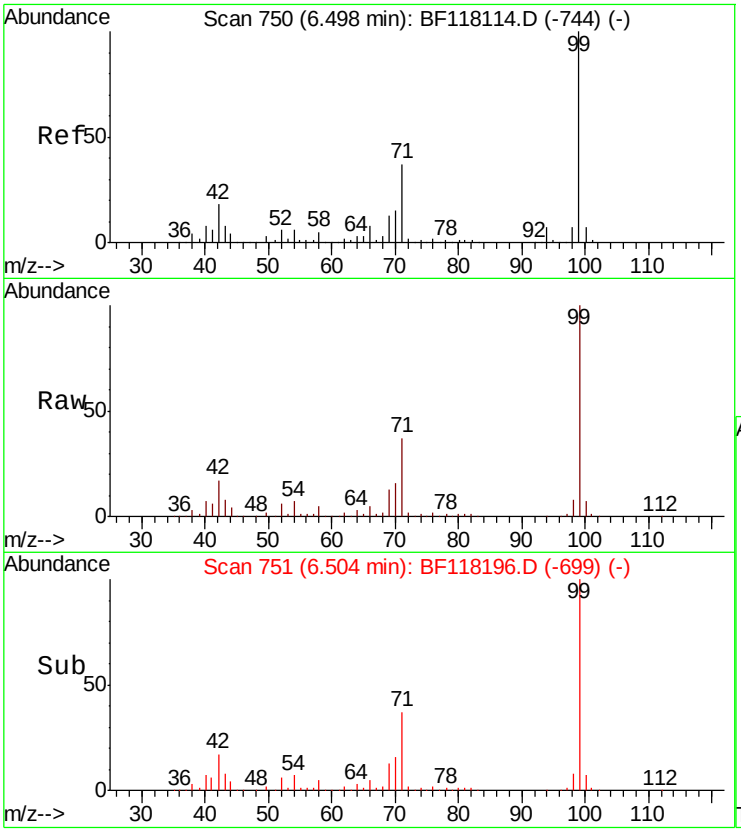


#5
2-Fluorophenol
Concen: 119.874 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:112 Resp: 888289

Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.3	61.9
63	29.4	22.4	33.6



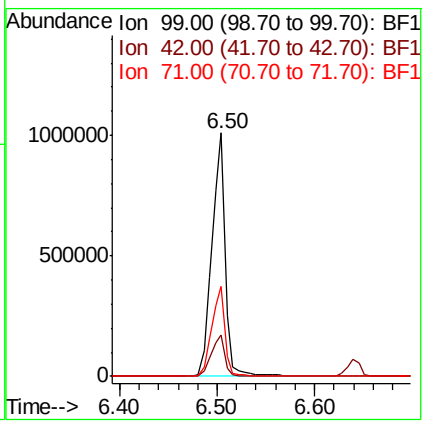


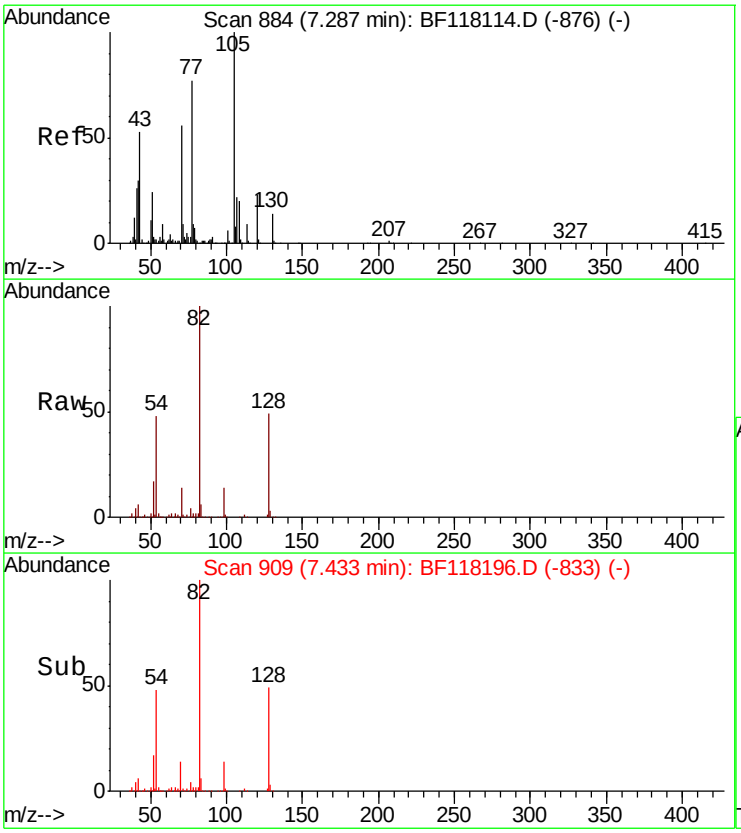
#7
Phenol-d6
Concen: 107.062 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion: 99 Resp: 959577

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	37.0	29.7	44.5

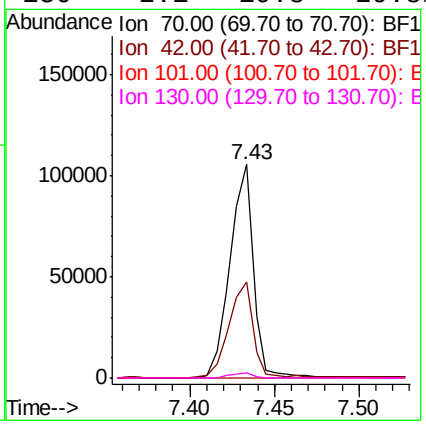


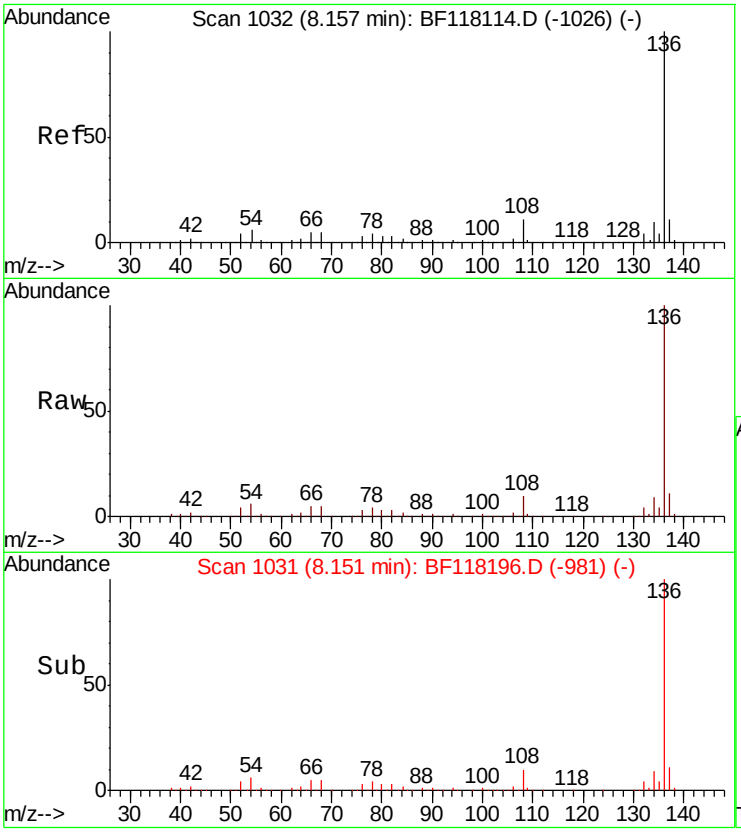


#19
n-Nitroso-di-n-propylamine
Concen: 18.824 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion: 70 Resp: 102523

Ion	Ratio	Lower	Upper
70	100		
42	45.2	43.2	64.8
101	0.0	8.1	12.1#
130	2.1	19.8	29.8#



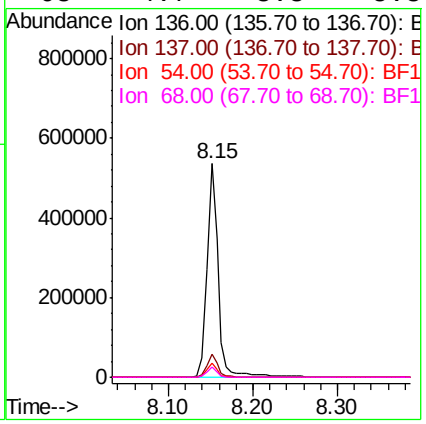


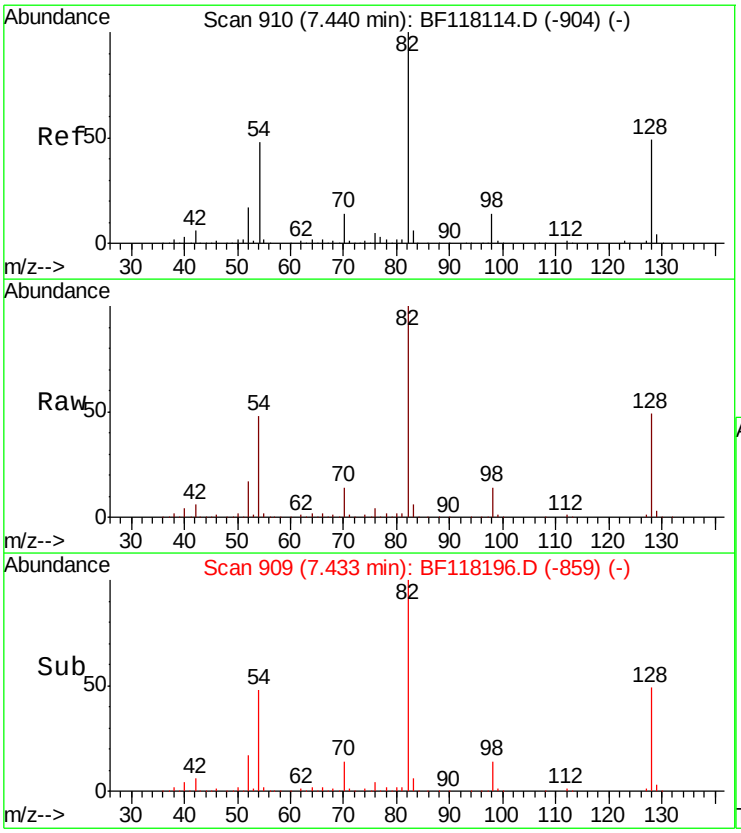
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:136 Resp: 498708

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.4	5.0	7.6
68	4.7	3.8	5.8

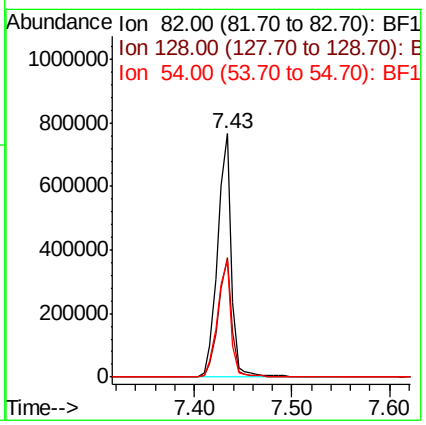


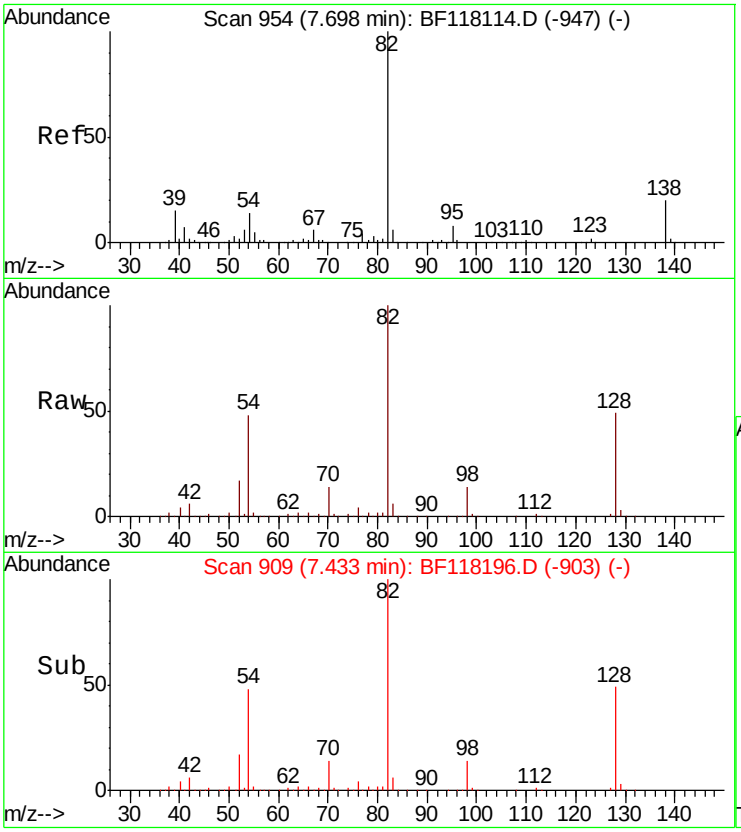


#23
Nitrobenzene-d5
Concen: 84.989 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion: 82 Resp: 753398

Ion	Ratio	Lower	Upper
82	100		
128	48.8	39.1	58.7
54	48.1	38.2	57.2



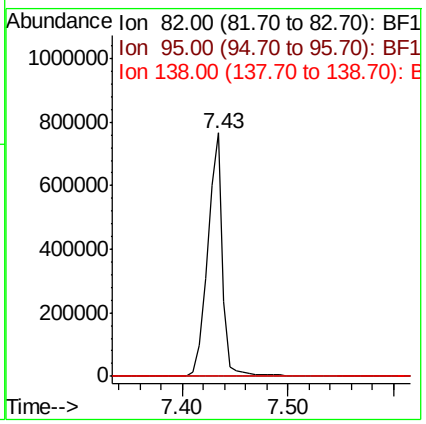


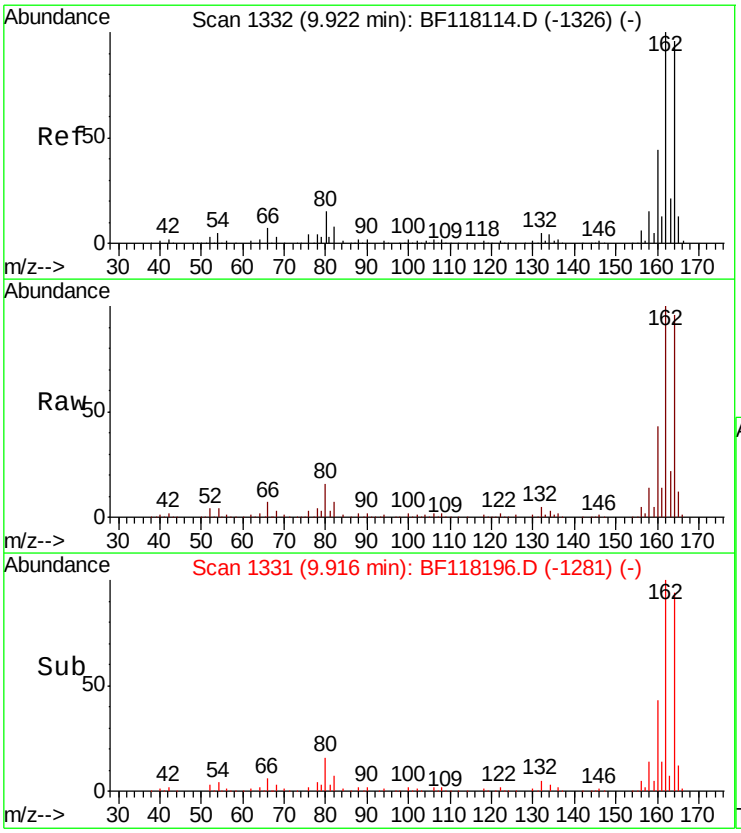
#25
Isophorone
Concen: 49.892 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion: 82 Resp: 749758

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

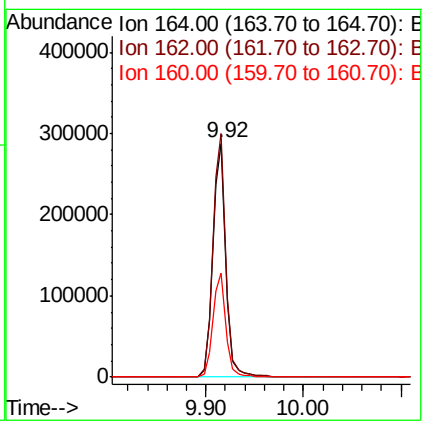


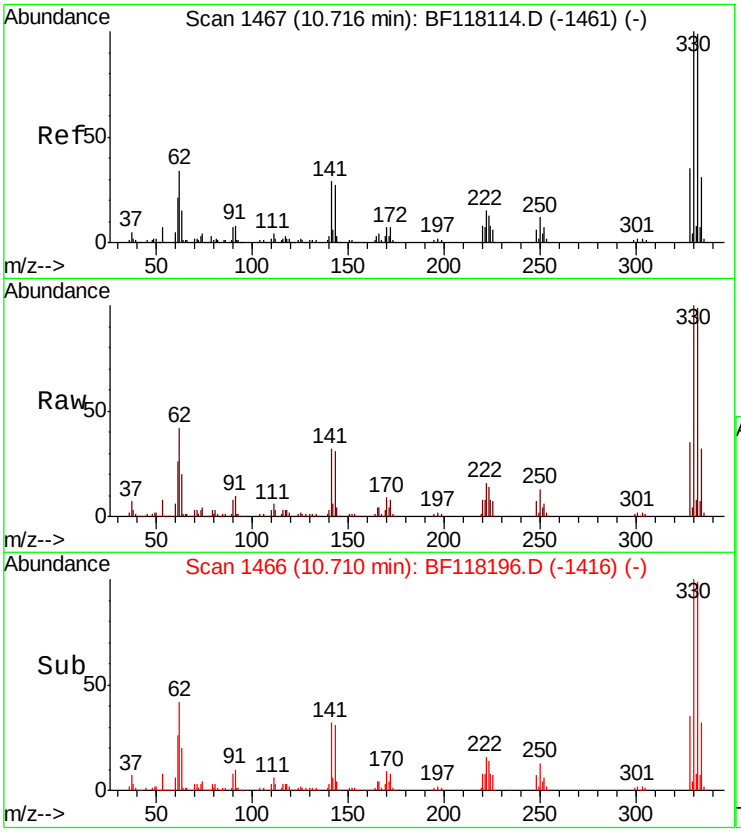


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:164 Resp: 262898

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	44.8	36.6	54.8



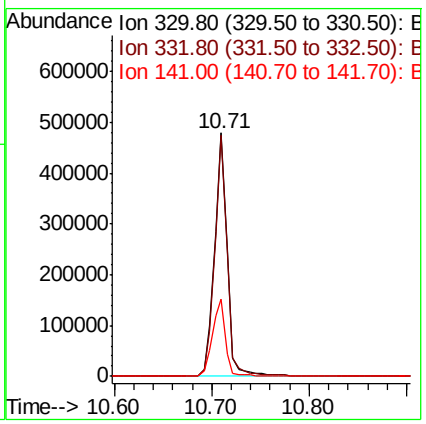


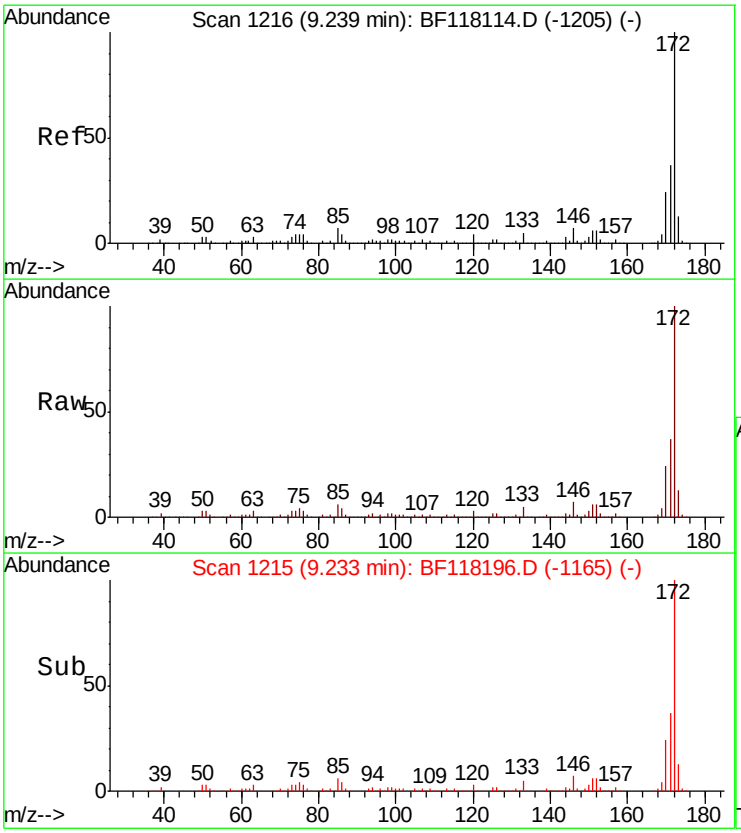
#42
2,4,6-Tribromophenol
Concen: 136.096 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:330 Resp: 434655

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.1	117.1
141	32.5	26.9	40.3

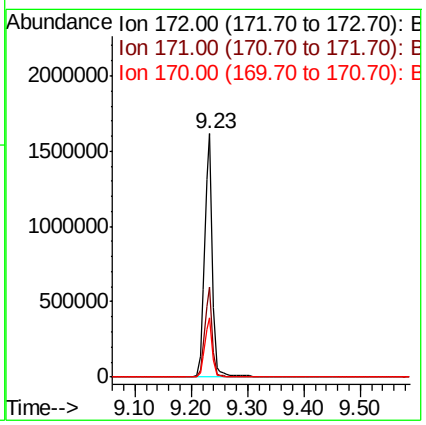


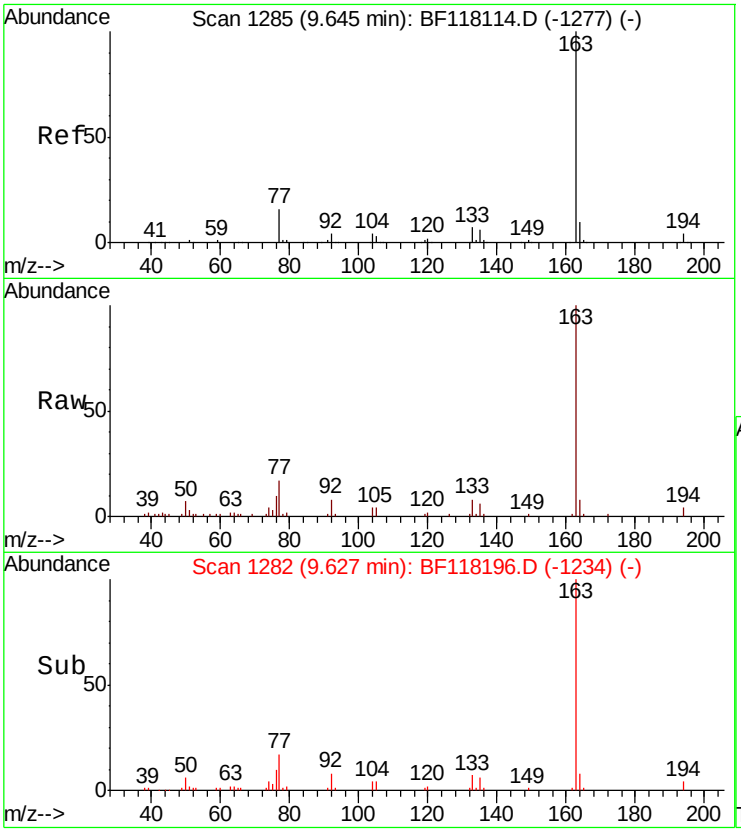


#45
2-Fluorobiphenyl
Concen: 90.479 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:172 Resp: 1563217

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	24.3	19.4	29.2



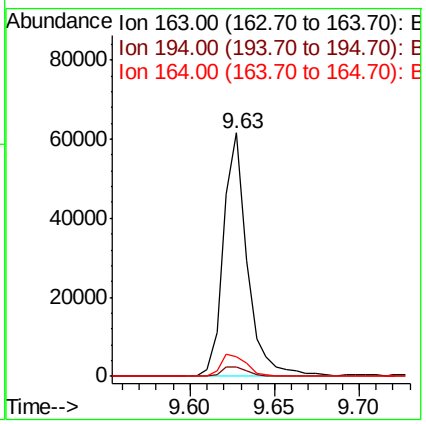


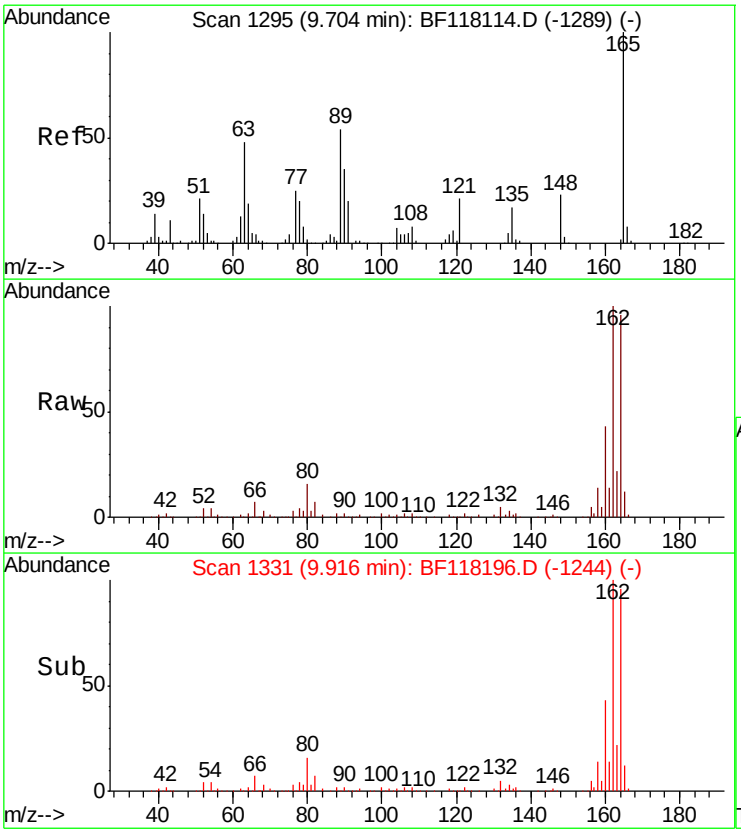
#50
Dimethylphthalate
Concen: 3.122 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:163 Resp: 60620

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	8.0	7.7	11.5

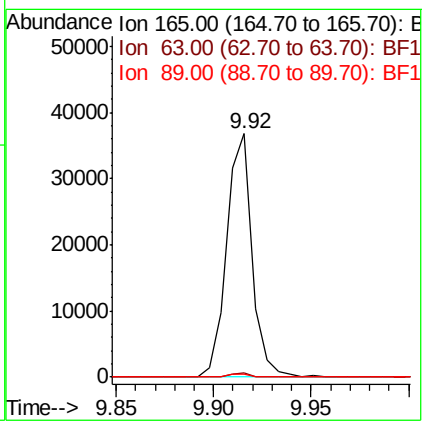


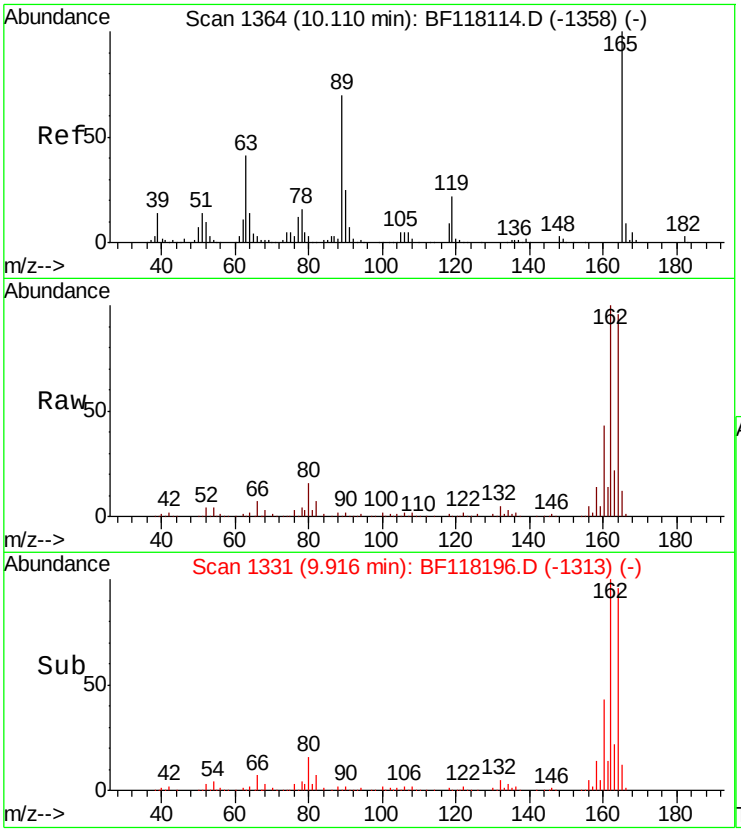


#51
2,6-Dinitrotoluene
Concen: 7.885 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:165 Resp: 33294

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.4	62.0#
89	1.4	42.9	64.3#



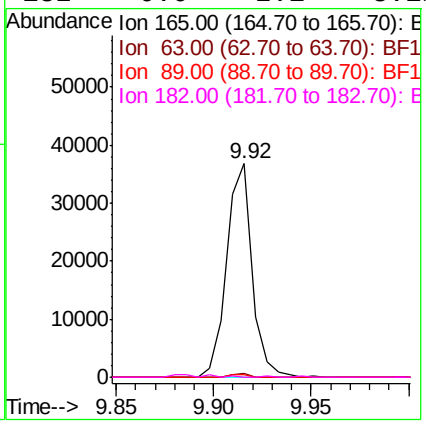


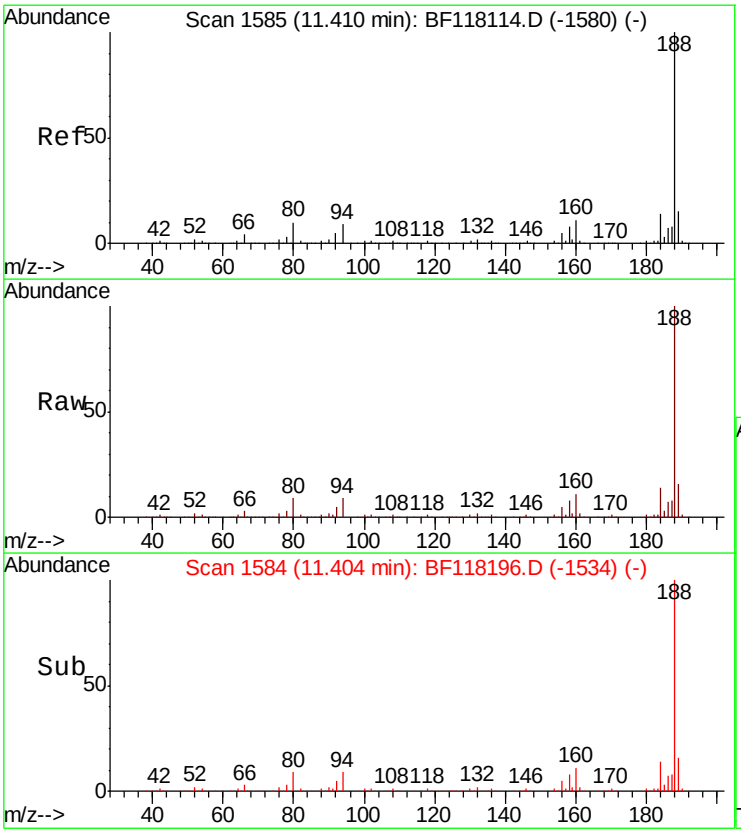
#57
2,4-Dinitrotoluene
Concen: 5.907 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:165 Resp: 33294

Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.6	49.0#
89	1.4	56.1	84.1#
182	0.0	2.1	3.1#

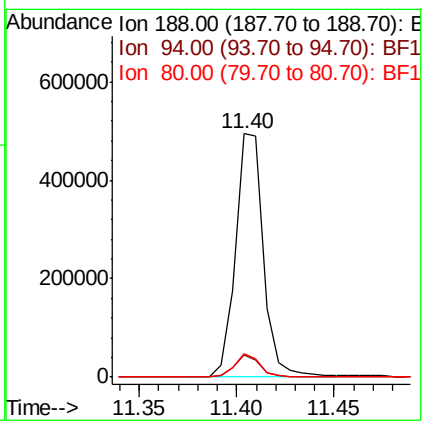


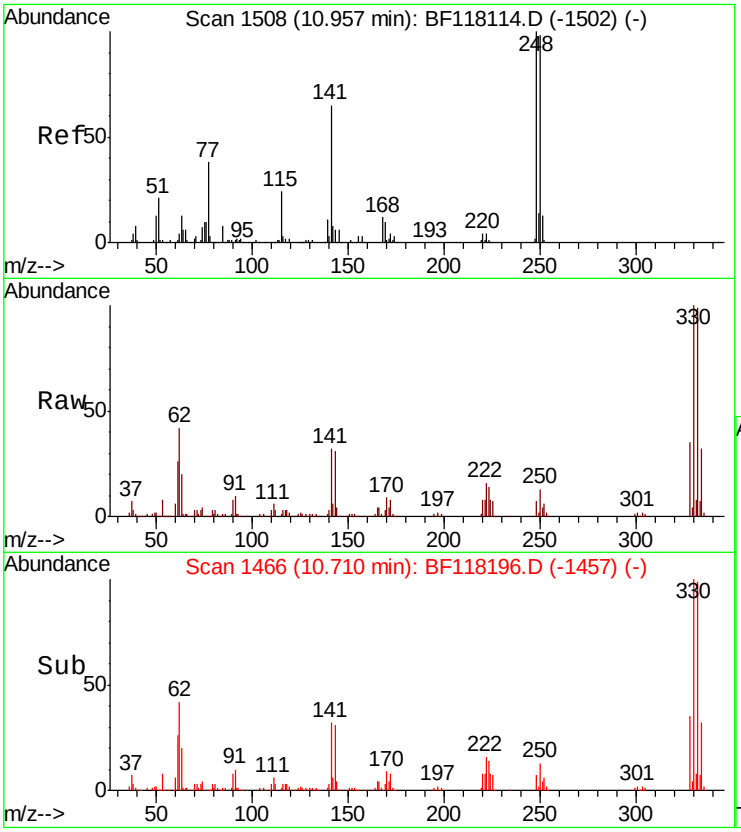


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:188 Resp: 491530

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.4	7.9	11.9



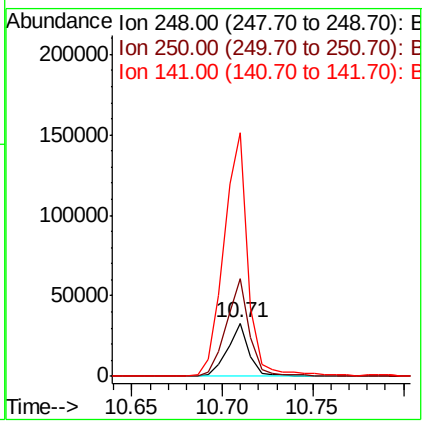


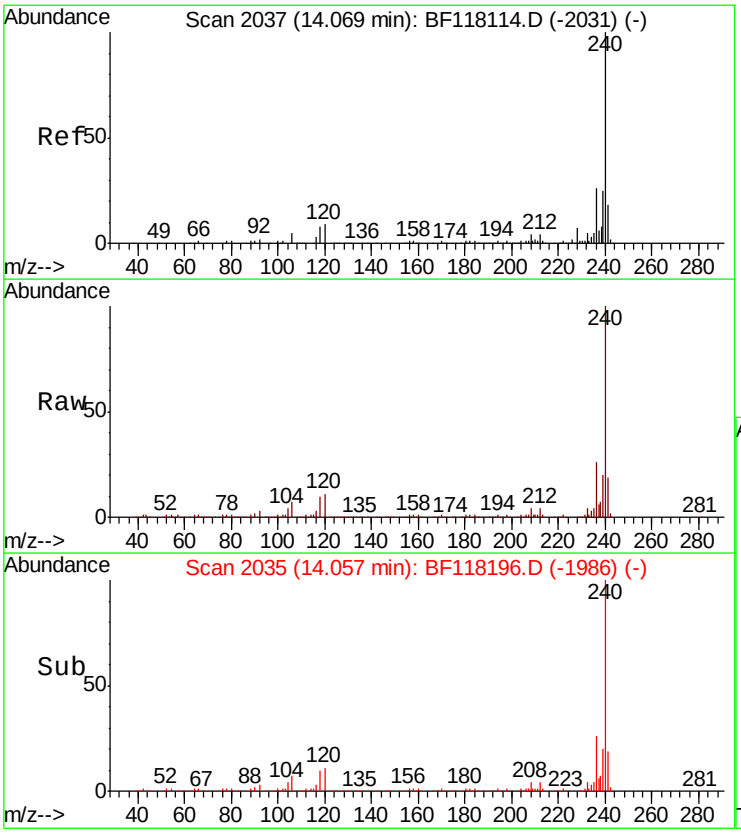
#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:248 Resp: 27646

Ion	Ratio	Lower	Upper
248	100		
250	183.9	78.3	117.5#
141	457.7	52.2	78.4#

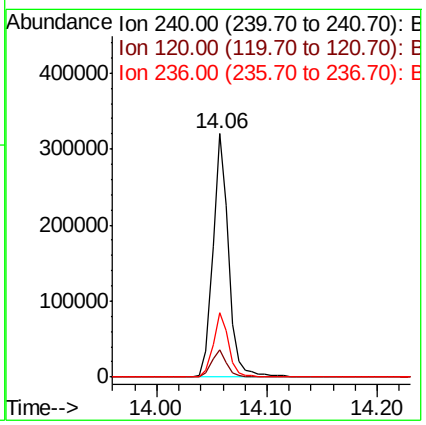


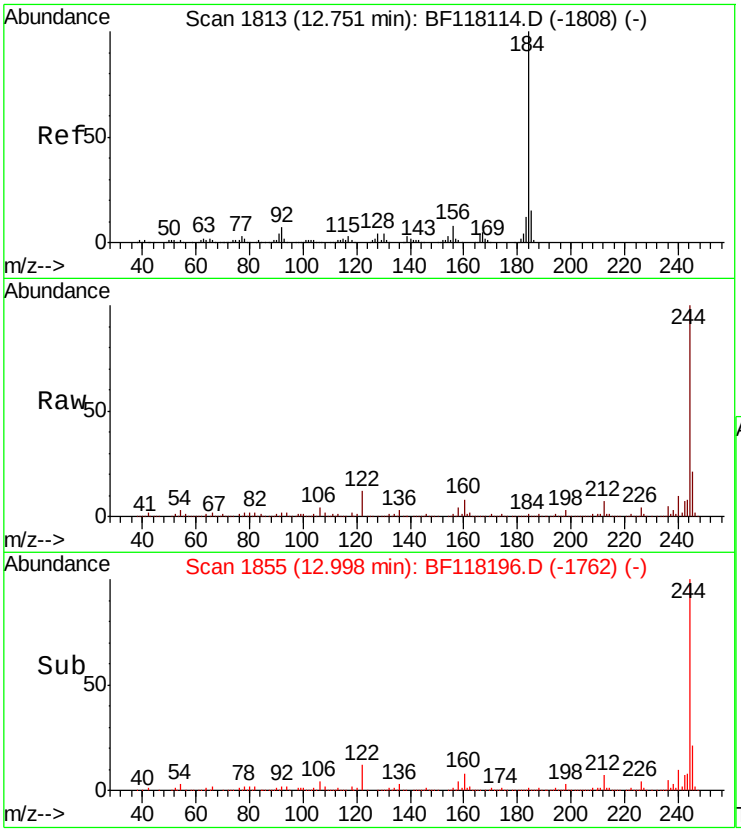


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:240 Resp: 311511

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	26.2	21.0	31.6



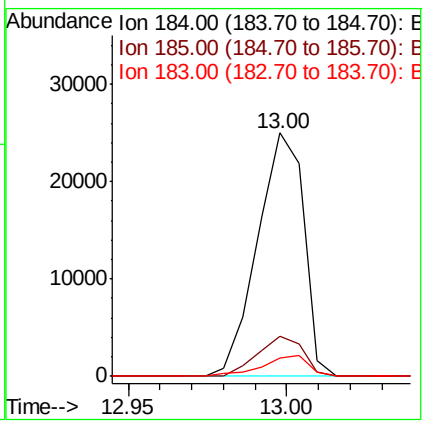


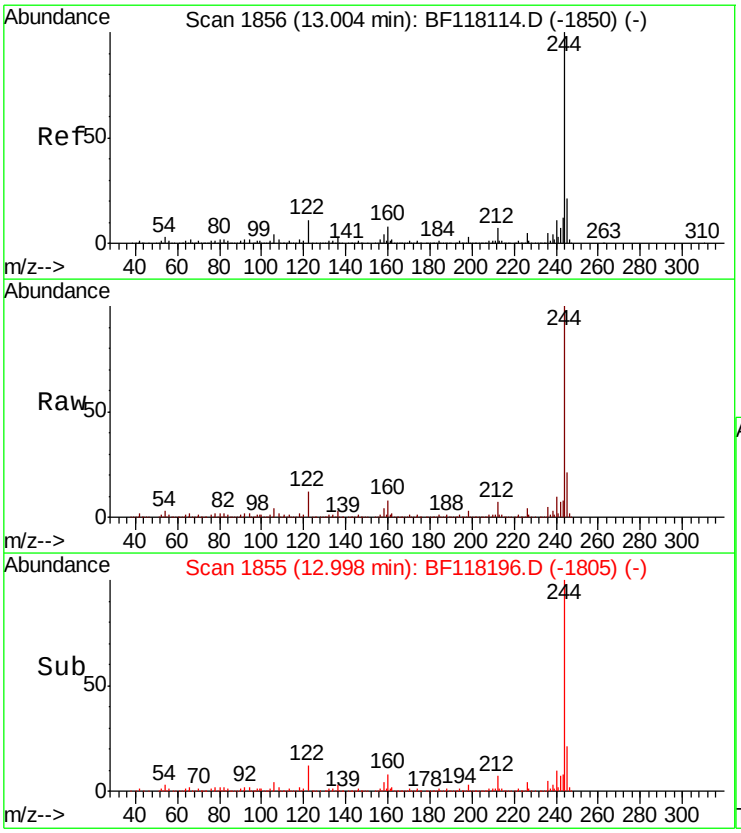
#77
Benzidine
Concen: 3.102 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:184 Resp: 25439

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.3	18.5
183	7.5	9.9	14.9#

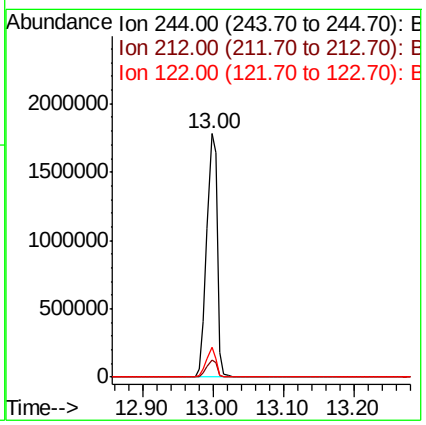


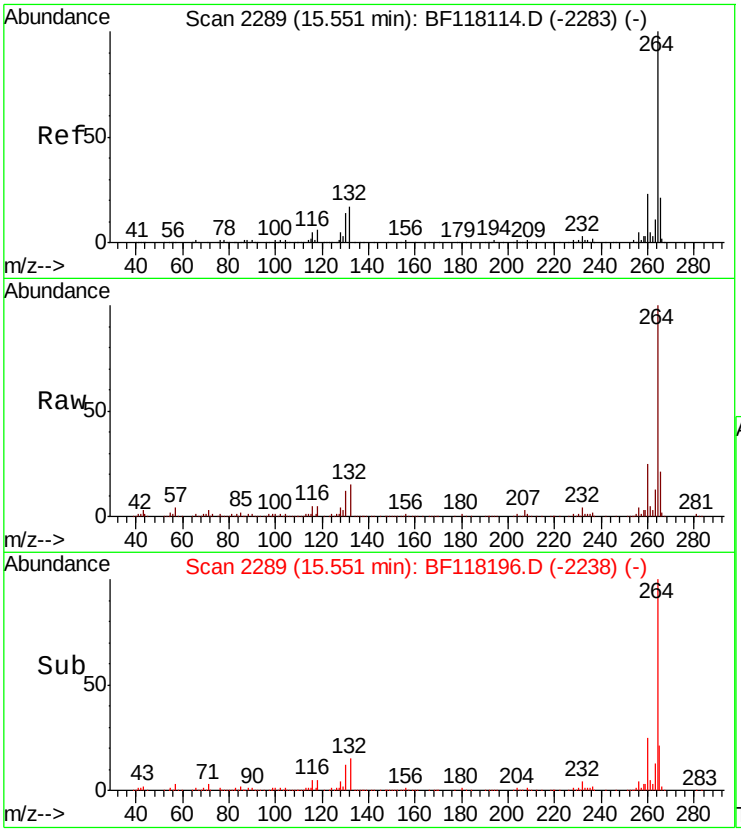


#79
Terphenyl-d14
Concen: 101.959 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:244 Resp: 1846999

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.1	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tgt Ion:264 Resp: 303644

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.2	16.8	25.2