Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118421.D
Acq On : 31 Dec 2019 22:40
Operator : JU
Sample : K6455-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 01 00:38:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	61567	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	238888	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	119263	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	256927	20.00	ng	0.00
76) Chrysene-d12	14.06	240	181362	20.00	ng	0.00
87) Perylene-d12	15.56	264	159783	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	447126	123.97	ng	0.02
7) Phenol-d6	6.50	99	492918	110.17	ng	0.01
23) Nitrobenzene-d5	7.42	82	401364	96.10	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	199016	135.13	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	781988	100.09	ng	0.00
79) Terphenyl-d14	12.99	244	974323	89.13	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.01	79	7666	2.250	ng	# 45
19) n-Nitroso-di-n-propylamine	7.42	70	57599	20.897	ng	# 81
25) Isophorone	7.42	82	401358	55.138	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	15243	7.898	ng	# 24
57) 2,4-Dinitrotoluene	9.90	165	15243	5.911	ng	# 28
67) 4-Bromophenyl-phenylether	10.70	248	12471	4.148	ng	# 1
77) Benzidine	12.99	184	13891	2.795	ng	97

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

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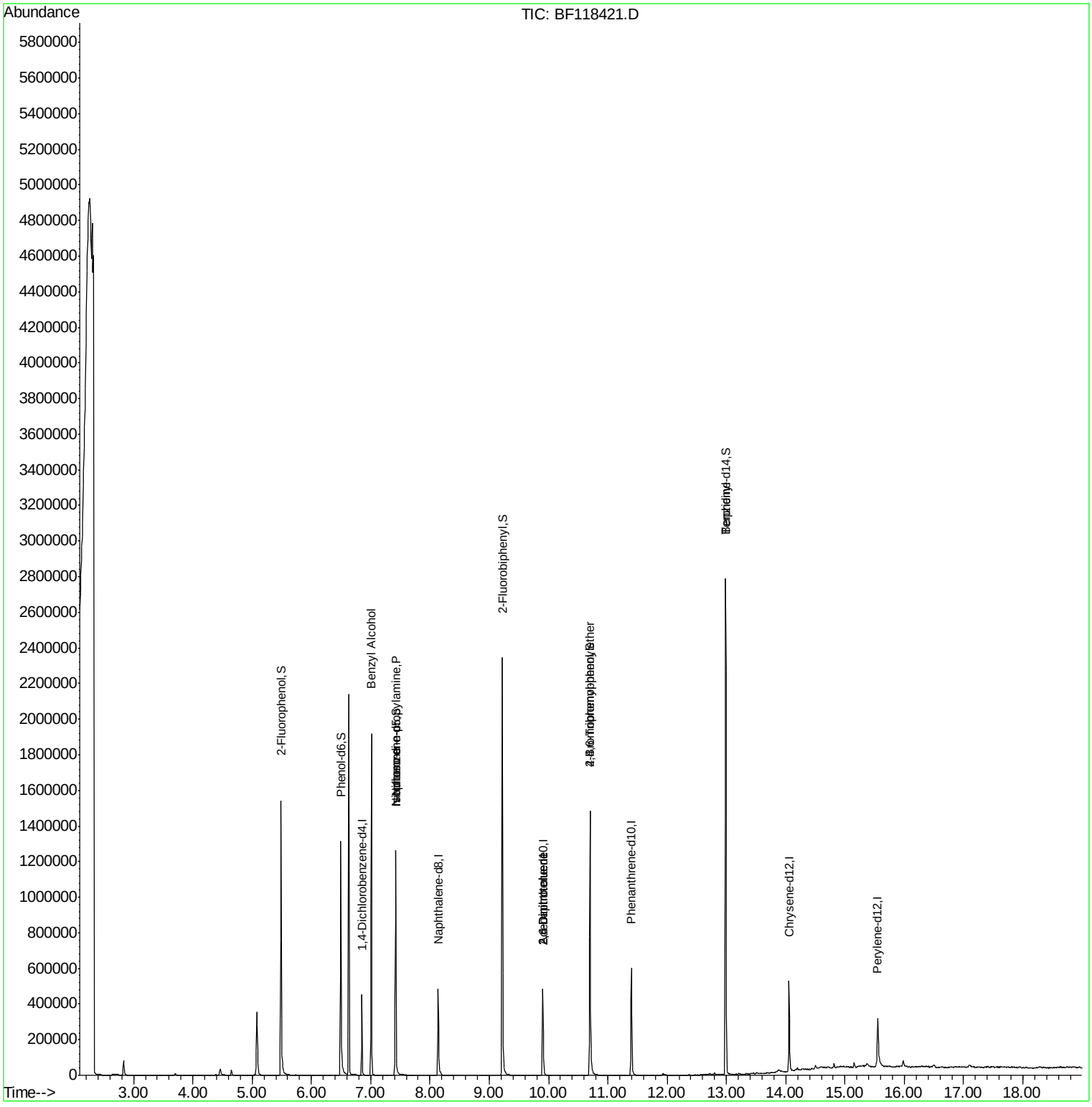
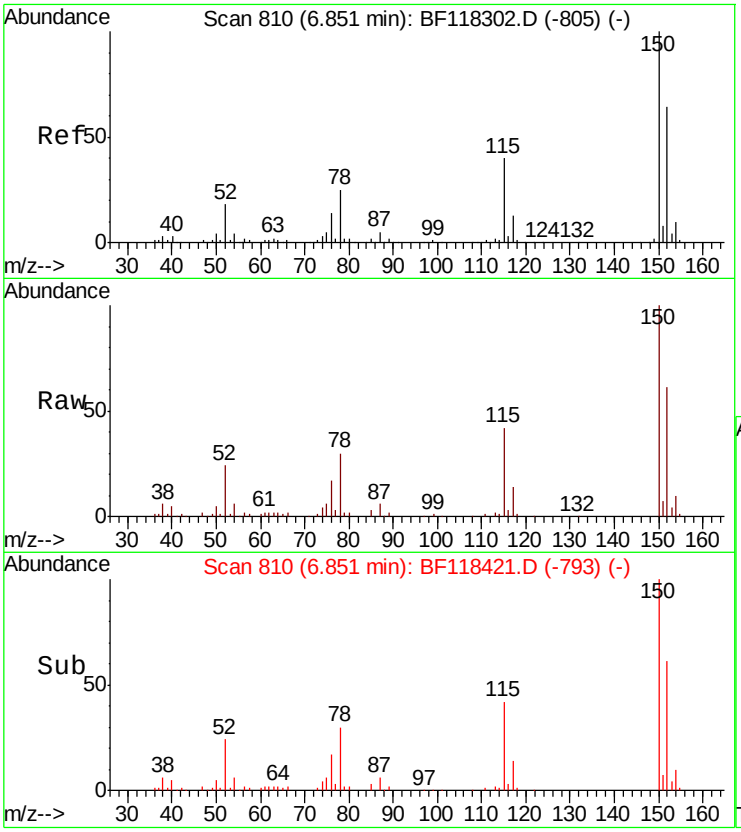


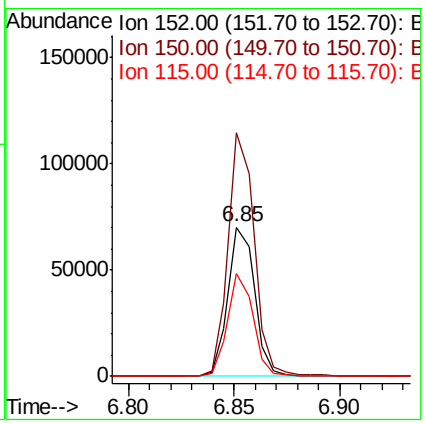


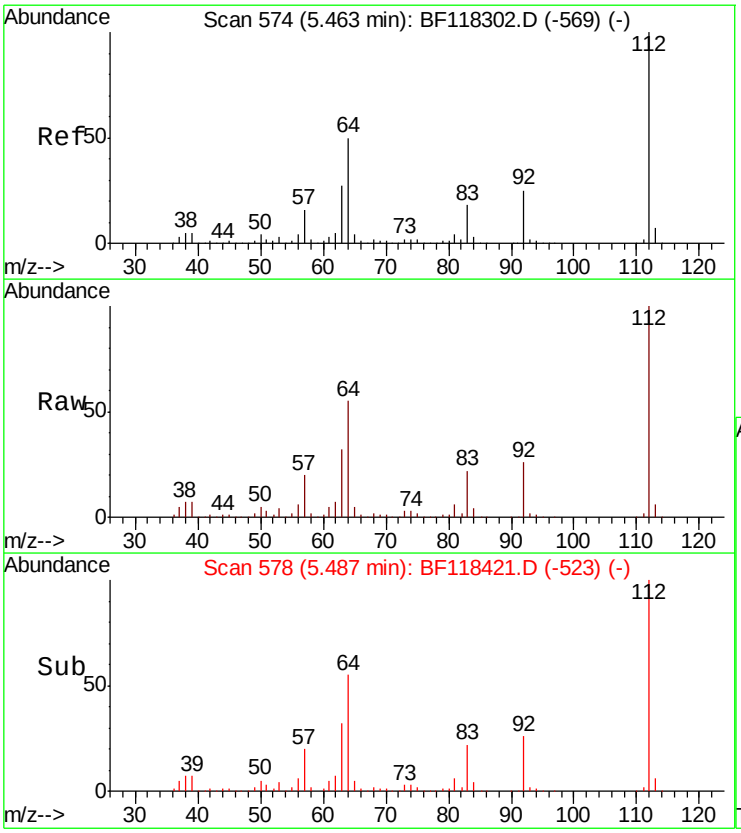
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61567

Ion	Ratio	Lower	Upper
152	100		
150	163.1	125.4	188.2
115	68.7	50.2	75.4

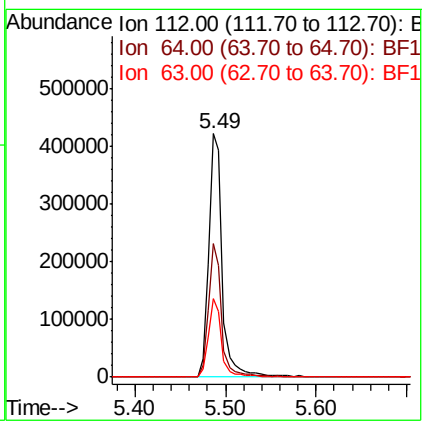


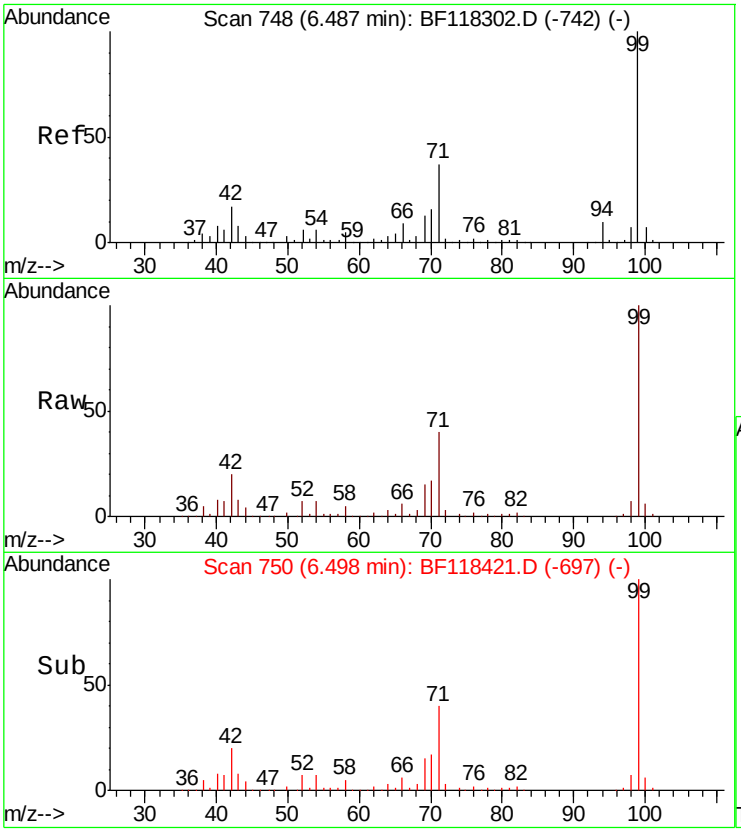


#5
2-Fluorophenol
Concen: 123.969 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:112 Resp: 447126

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.7	59.5
63	32.4	21.7	32.5



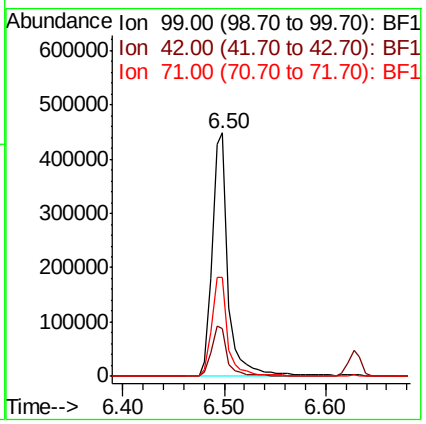


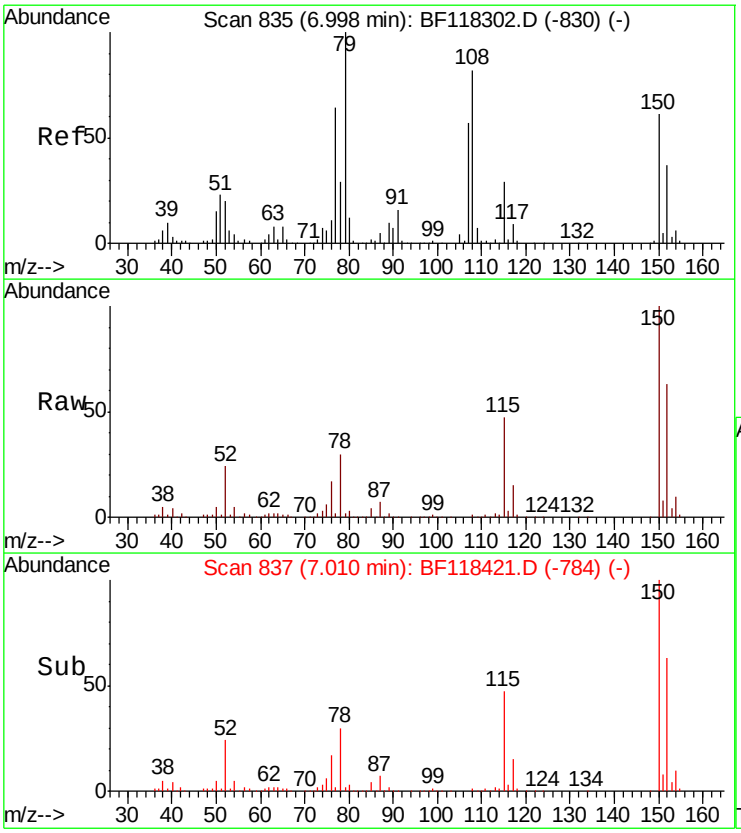
#7
Phenol-d6
Concen: 110.167 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 492918

Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.5	20.3
71	40.5	29.4	44.2

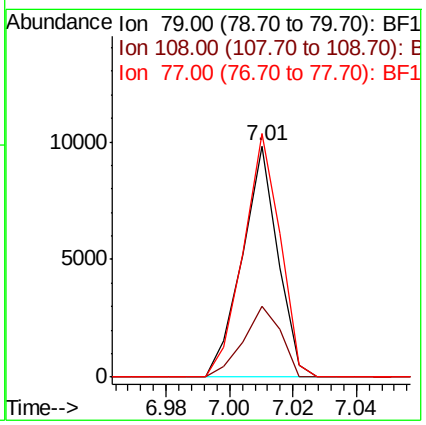


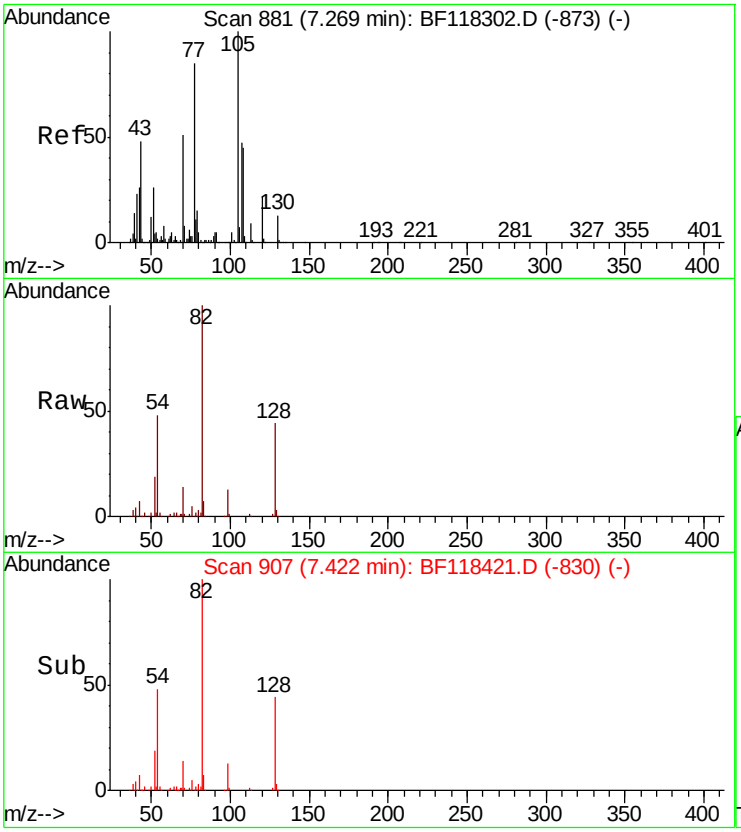


#15
Benzyl Alcohol
Concen: 2.250 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion: 79 Resp: 7666

Ion	Ratio	Lower	Upper
79	100		
108	30.8	65.4	98.0#
77	105.2	51.4	77.0#



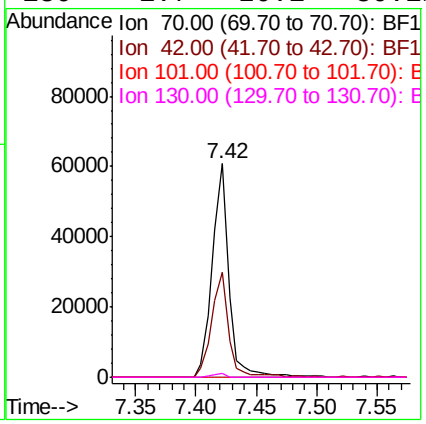


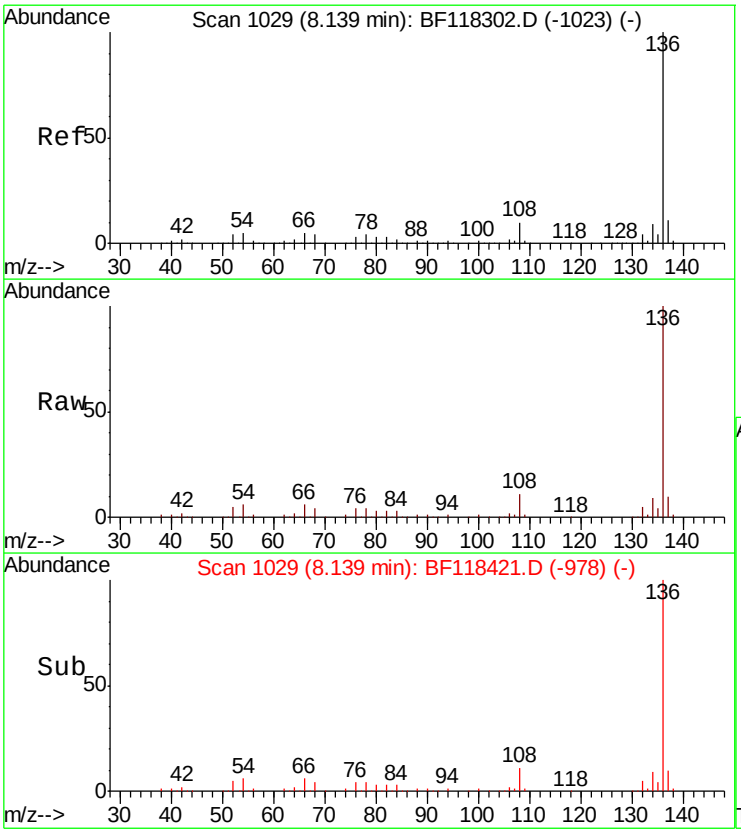
#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57599

Ion	Ratio	Lower	Upper
70	100		
42	49.1	41.1	61.7
101	0.0	8.3	12.5#
130	1.7	20.1	30.1#

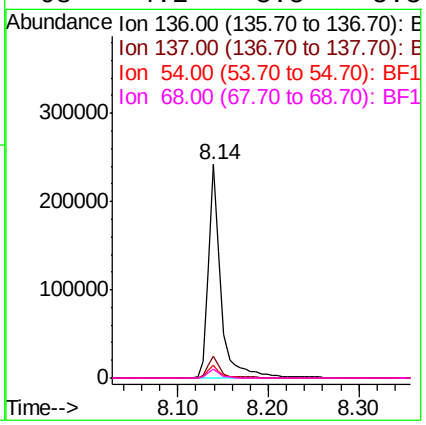


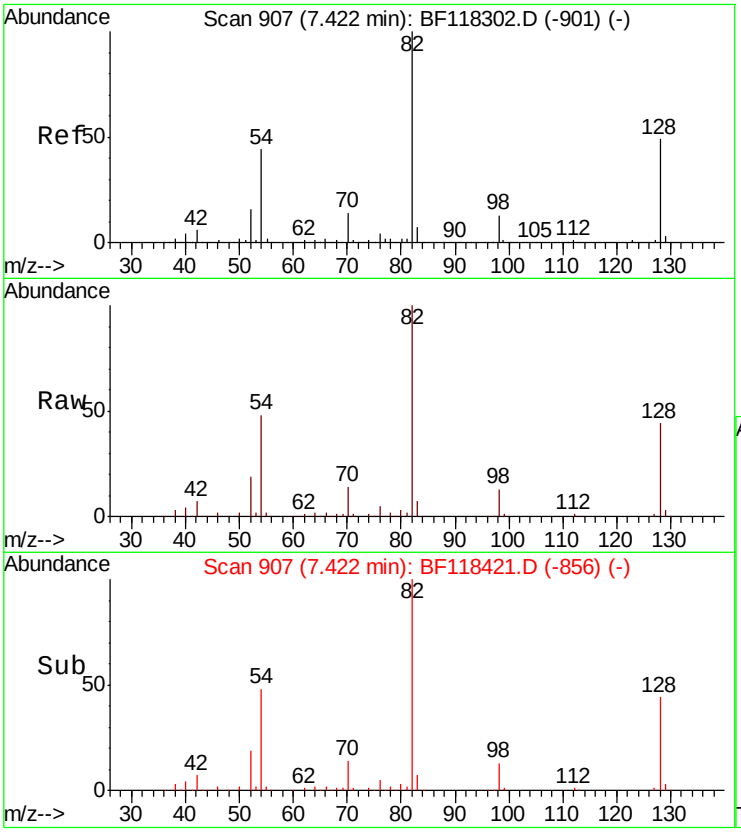


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:136 Resp: 238888

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.0	4.2	6.4
68	4.2	3.5	5.3



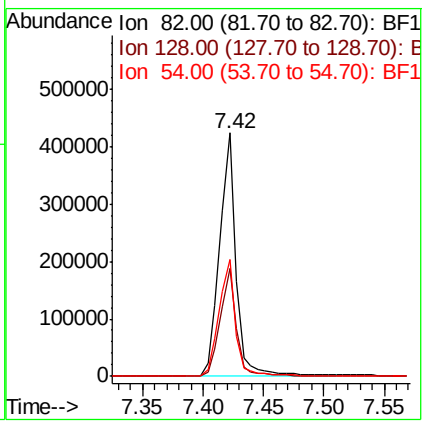


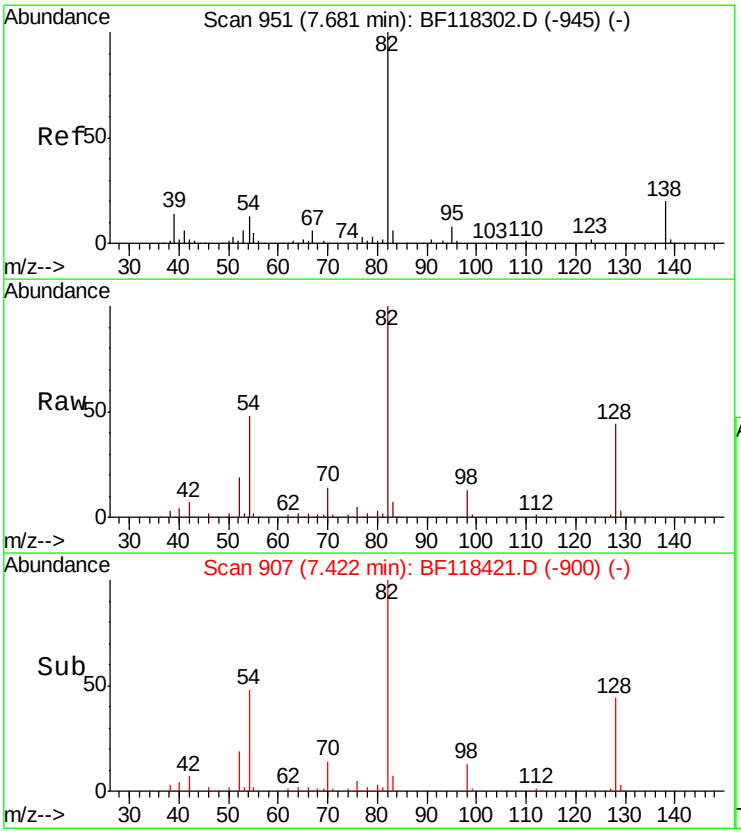
#23
Nitrobenzene-d5
Concen: 96.095 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 401364

Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.6	59.4
54	48.3	34.9	52.3

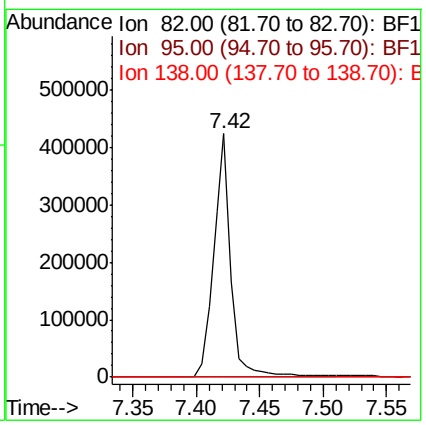


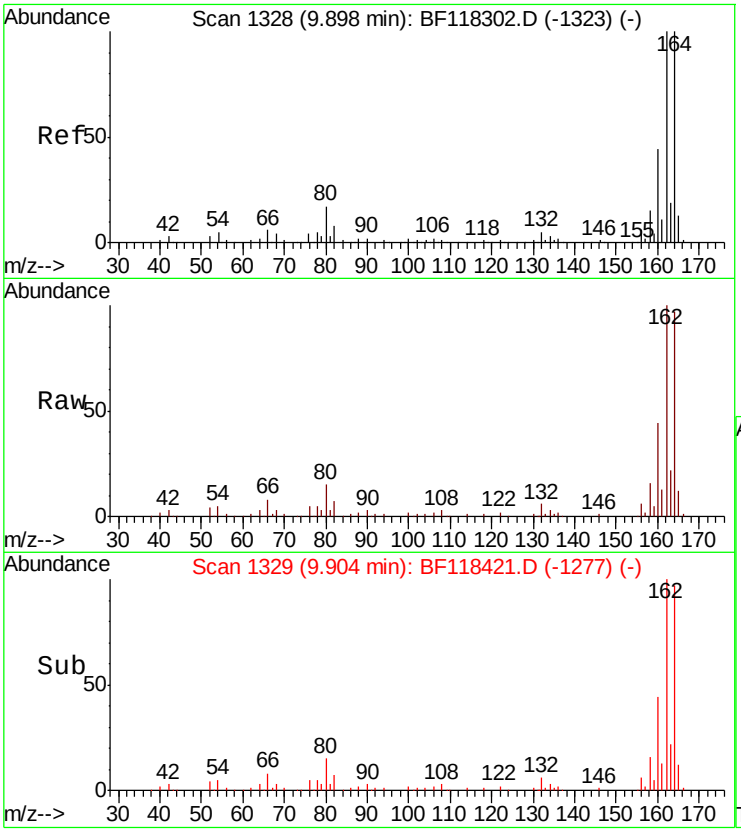


#25
Isophorone
Concen: 55.138 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion: 82 Resp: 401358

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



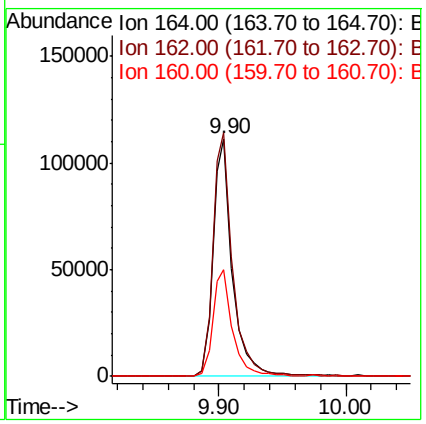


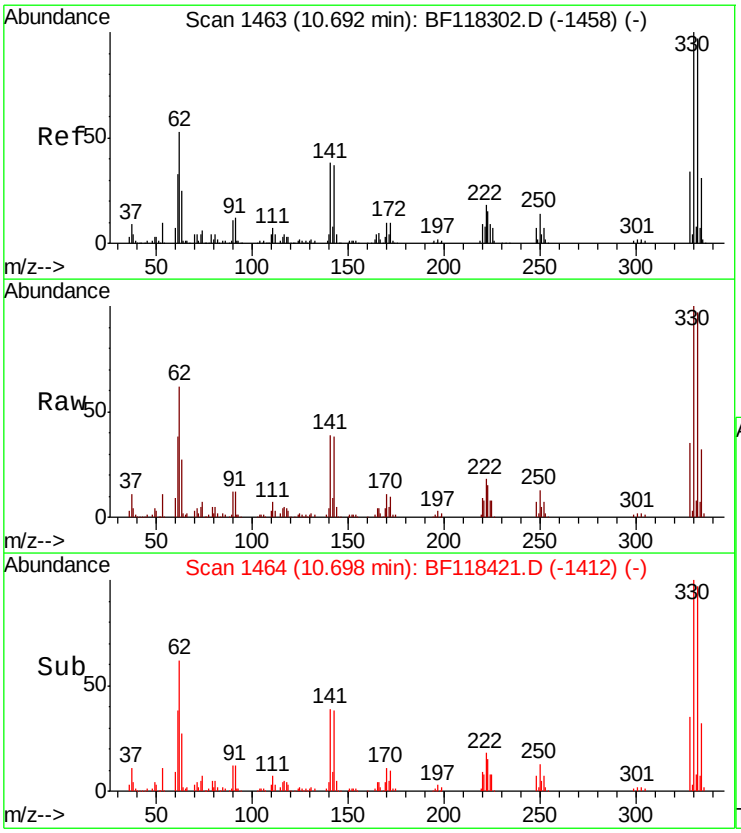
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 119263

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	44.7	34.8	52.2

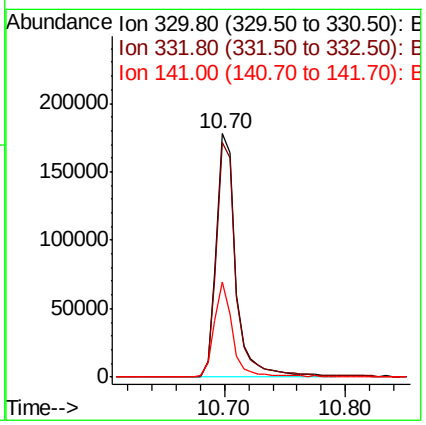


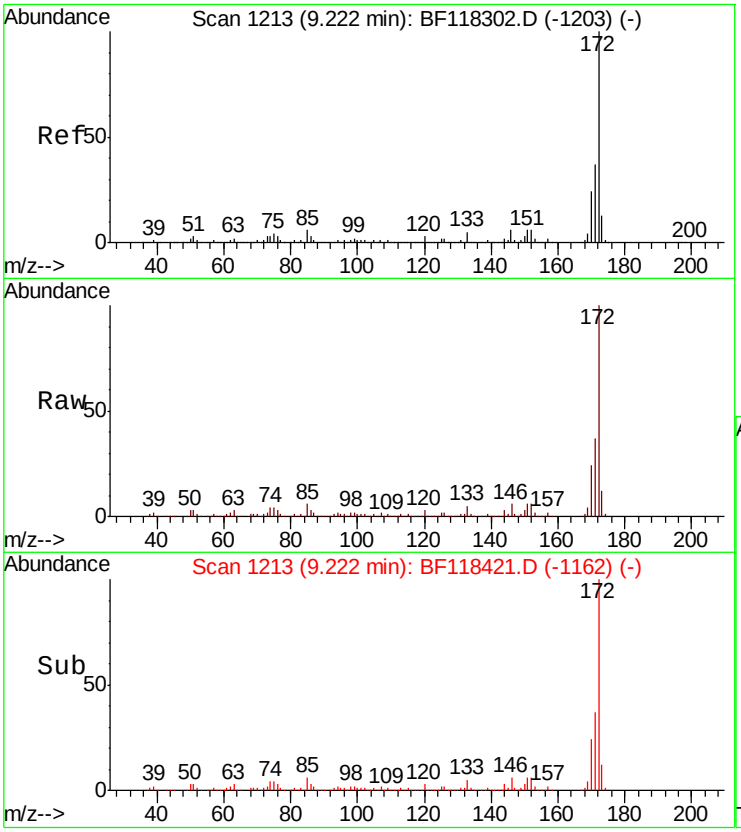


#42
2,4,6-Tribromophenol
Concen: 135.127 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:330 Resp: 199016

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	36.6	26.0	39.0

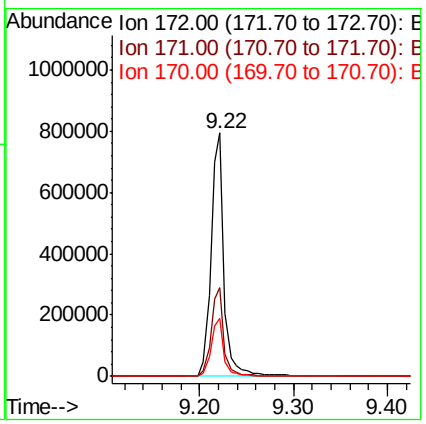




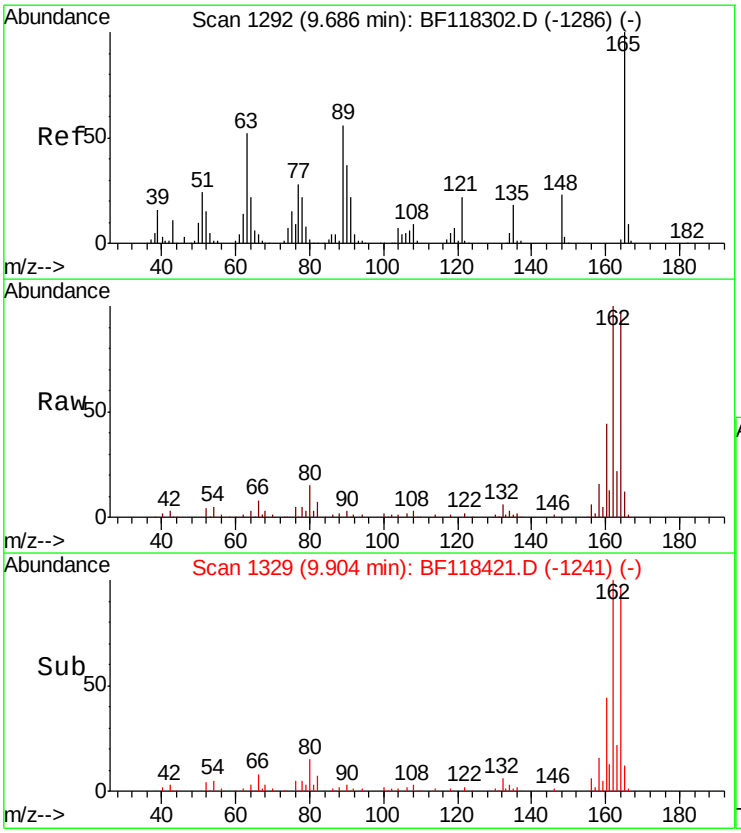
#45
2-Fluorobiphenyl
Concen: 100.088 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:172 Resp: 781988

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	23.7	19.2	28.8



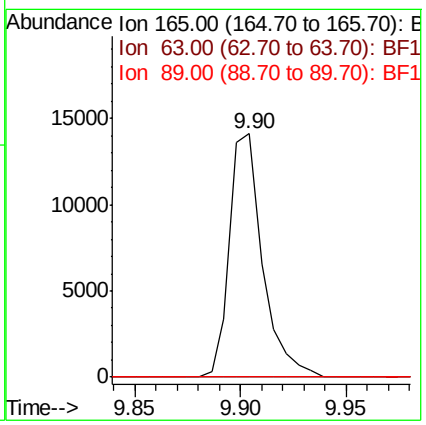
Instrument :
BNA_F
ClientSampleId :

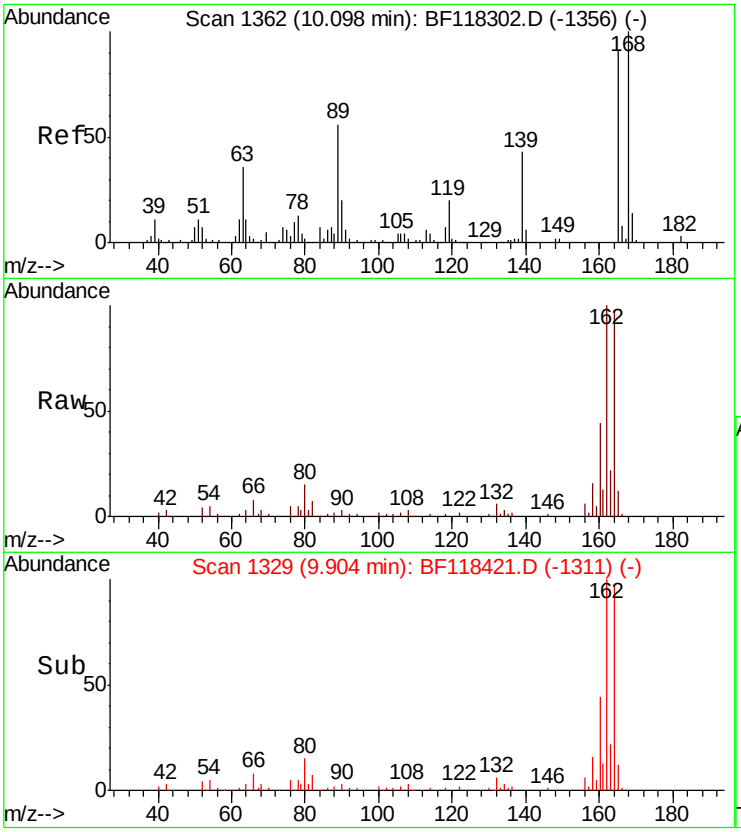


#51
2,6-Dinitrotoluene
Concen: 7.898 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.22 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:165 Resp: 15243

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	0.0	44.4	66.6#



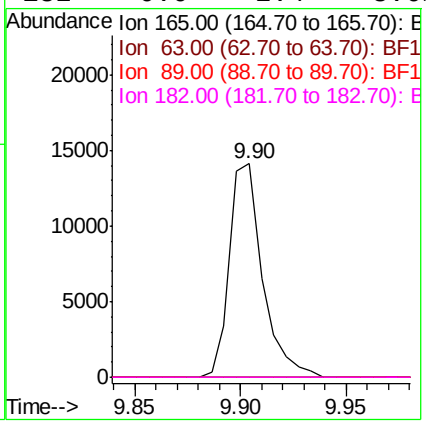


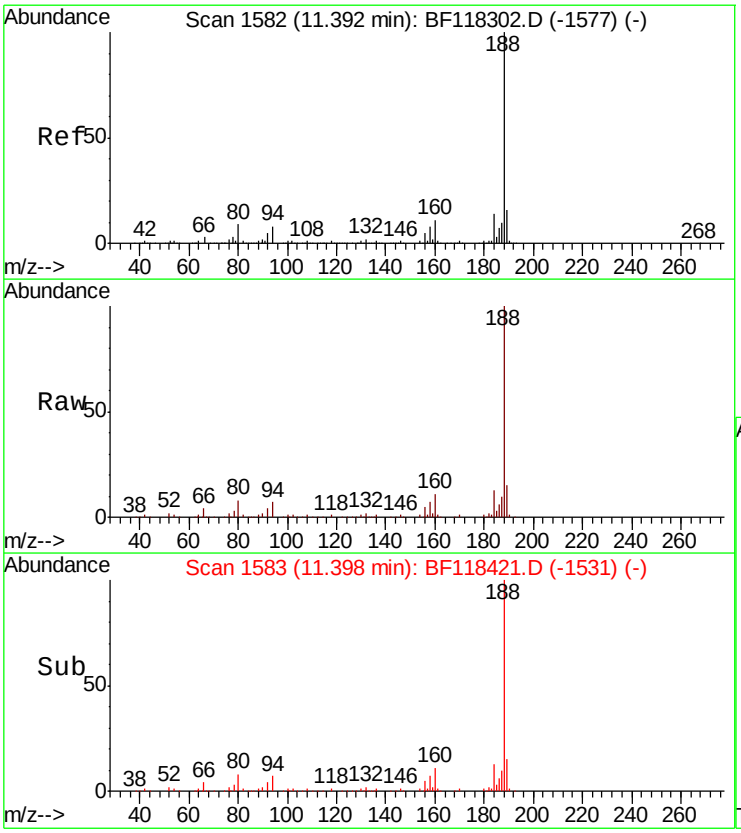
#57
2,4-Dinitrotoluene
Concen: 5.911 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15243

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.0	48.0#
89	0.0	49.3	73.9#
182	0.0	2.4	3.6#

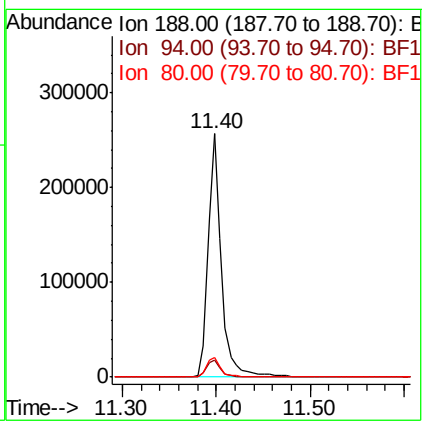


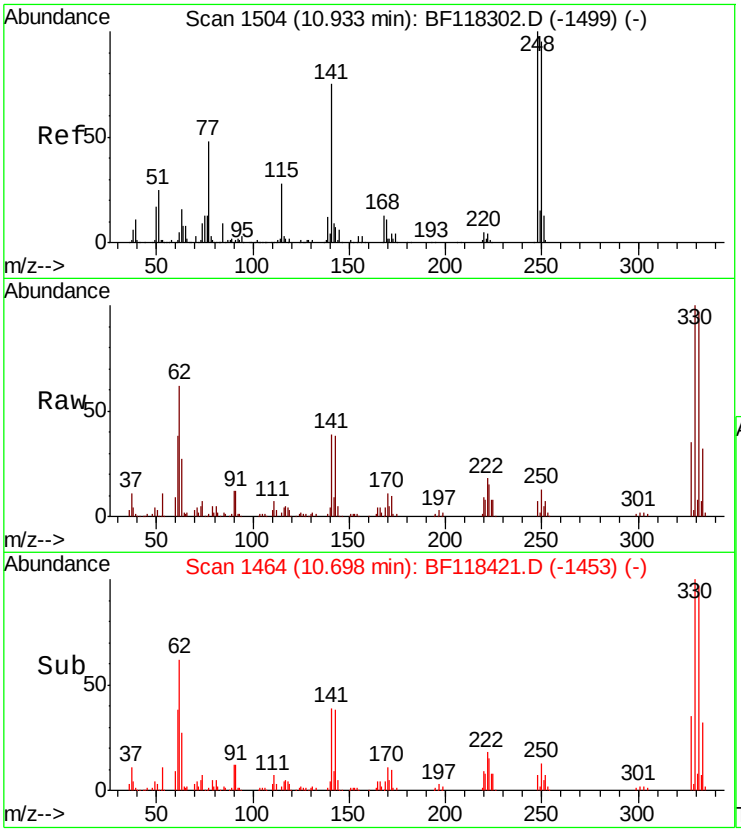


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:188 Resp: 256927

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	7.9	7.2	10.8



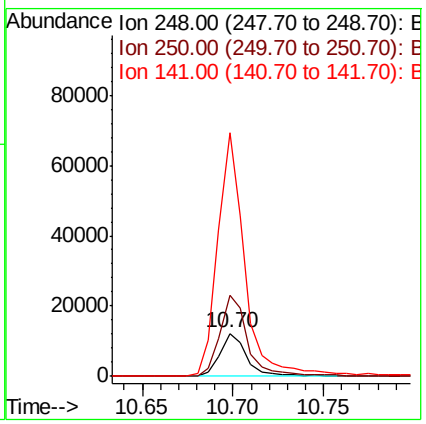


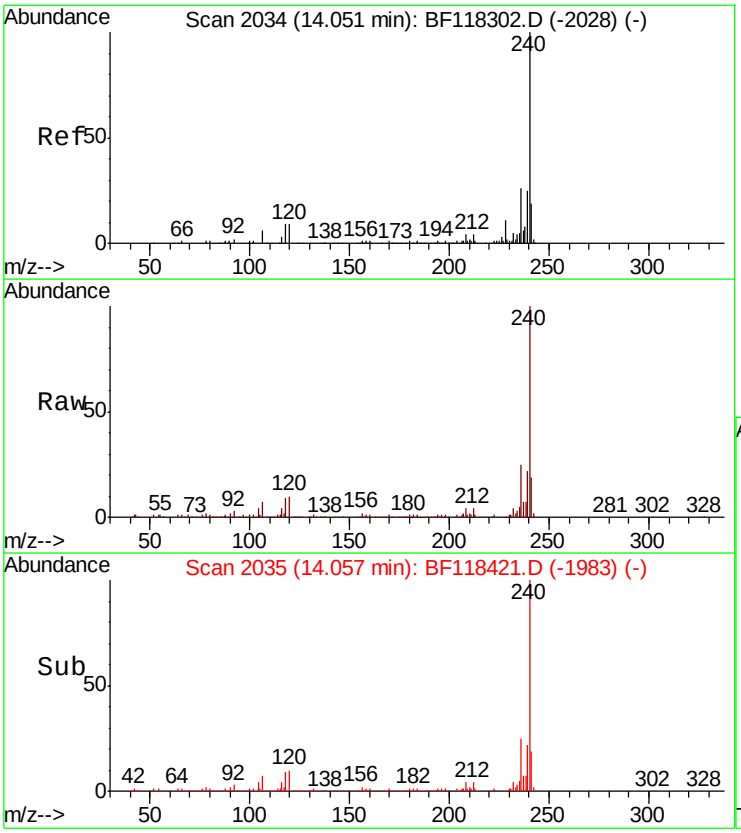
#67
4-Bromophenyl-phenylether
Concen: 4.148 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12471

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.4	114.6#
141	570.9	60.2	90.2#

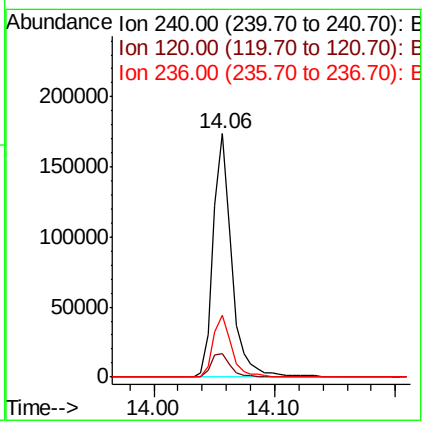


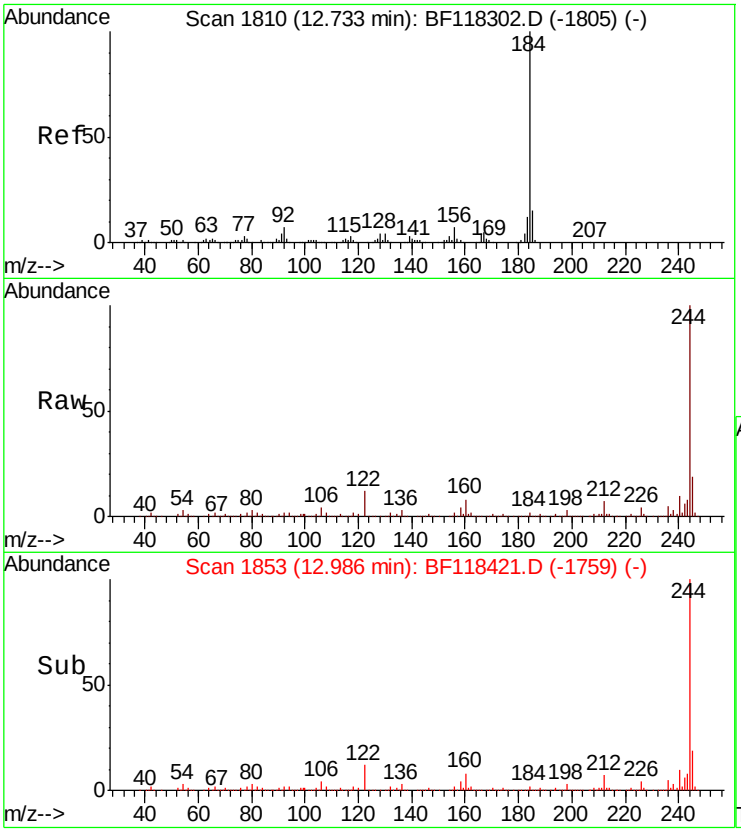


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:240 Resp: 181362

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	25.2	21.0	31.6



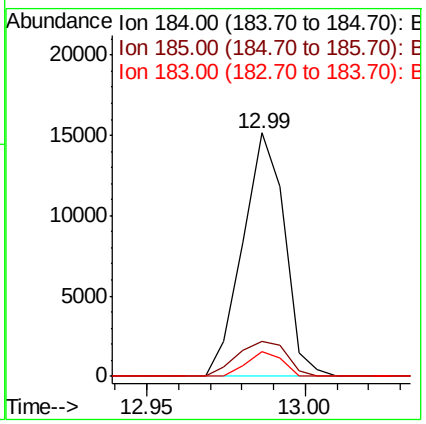


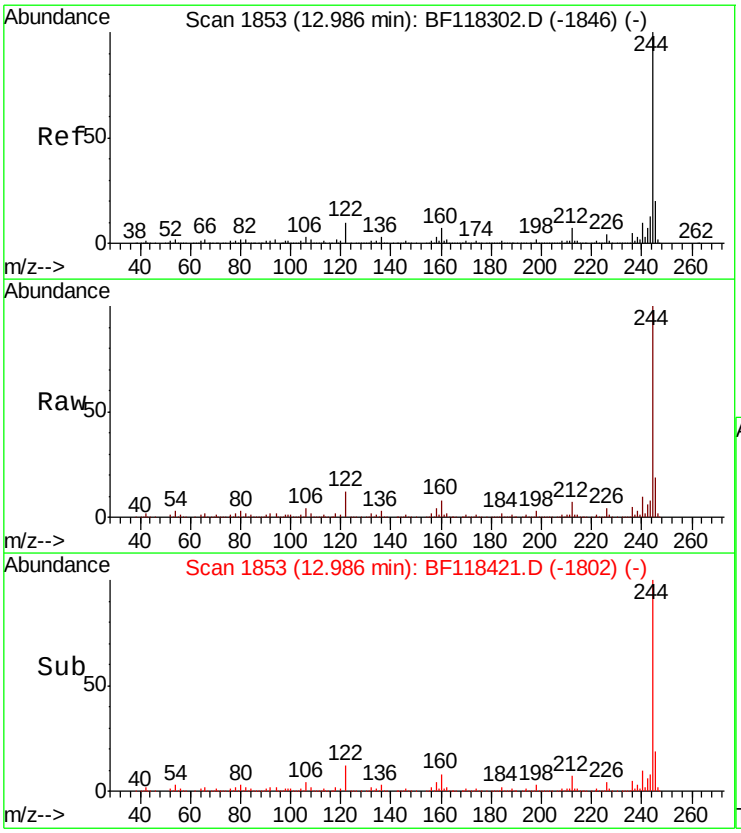
#77
Benzidine
Concen: 2.795 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.25 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 13891

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.3	18.5
183	10.1	9.4	14.2

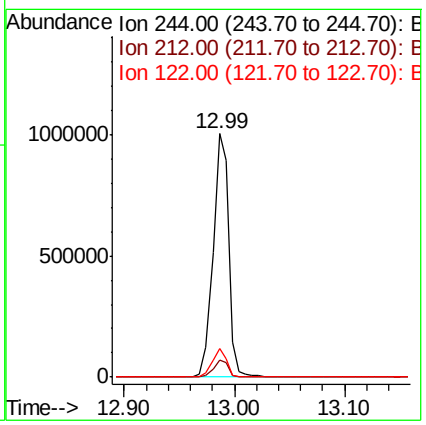


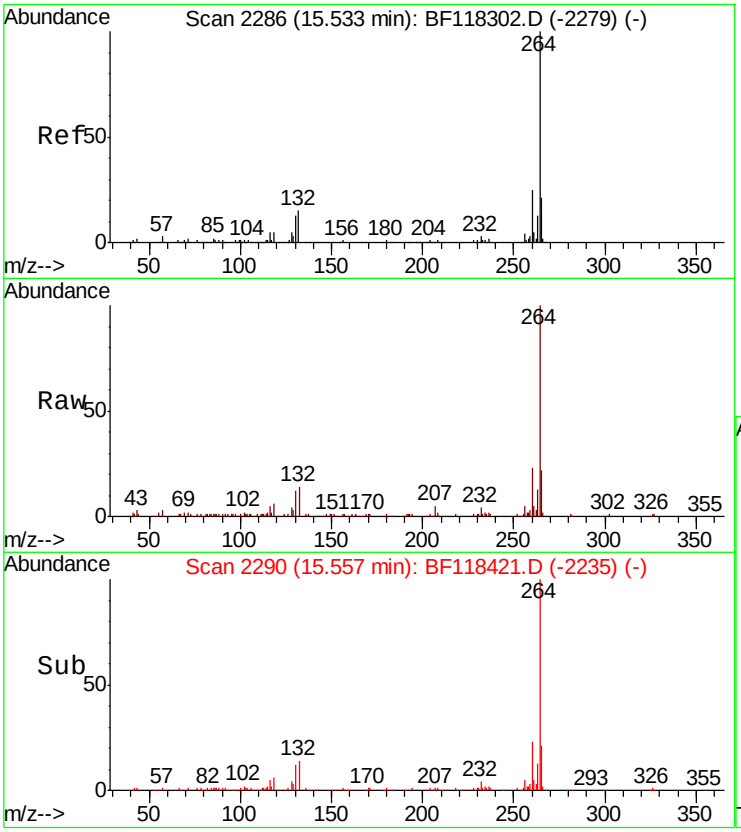


#79
Terphenyl-d14
Concen: 89.127 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:244 Resp: 974323

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.9	7.8	11.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 159783

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.6
265	21.6	17.0	25.4