Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118285.D
Acq On : 19 Dec 2019 18:01
Operator : JU
Sample : K6317-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 20 02:13:04 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	6.86	152	100716	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	389340	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	207362	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	410284	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	325745	20.00	ng	-0.02
87) Perylene-d12	15.54	264	307357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	763541	132.78	ng	0.00
7) Phenol-d6	6.49	99	878068	126.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	622083	89.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	371817	147.60	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1272817	93.40	ng	-0.02
79) Terphenyl-d14	12.99	244	1730457	91.35	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1315	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	84932	20.096	ng	# 76
25) Isophorone	7.42	82	617546	52.638	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	26458	7.944	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	26459	5.952	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	23109	4.934	ng	# 1
77) Benzidine	12.74	184	105028	12.248	ng	97

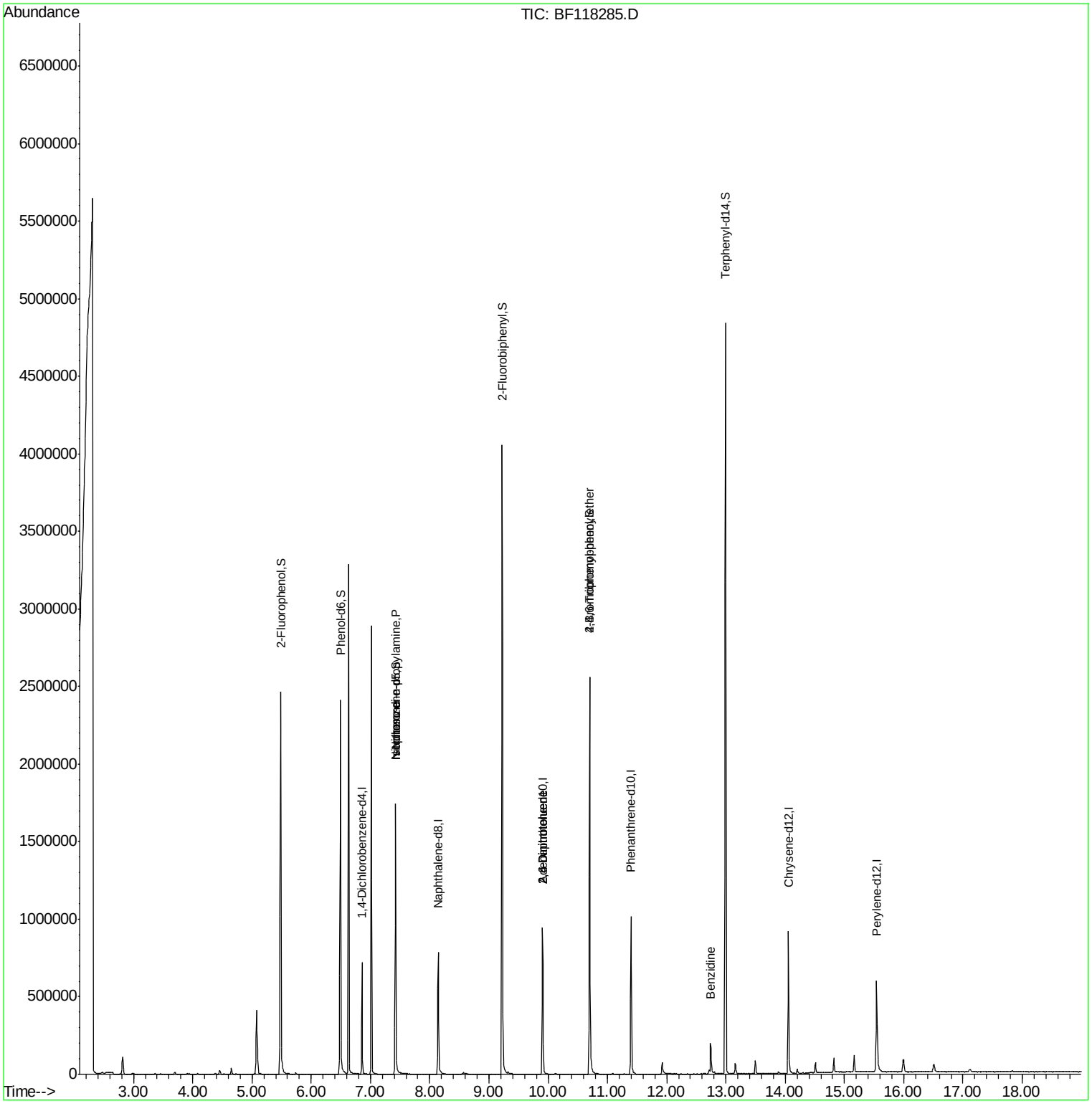
(#) = qualifier out of range (m) = manual integration (+) = signals summed

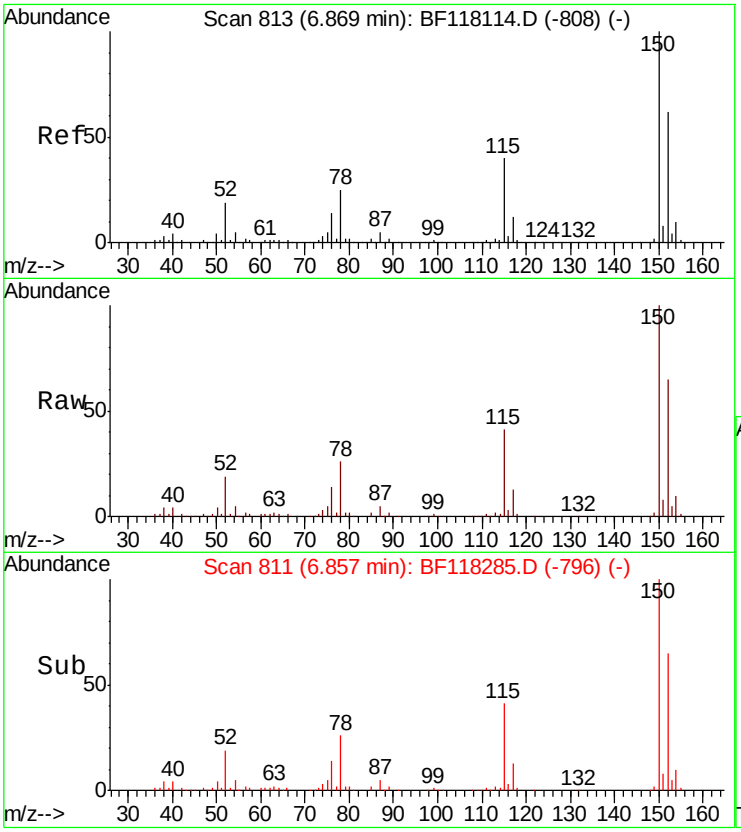
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118285.D
Acq On : 19 Dec 2019 18:01
Operator : JU
Sample : K6317-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:13:04 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



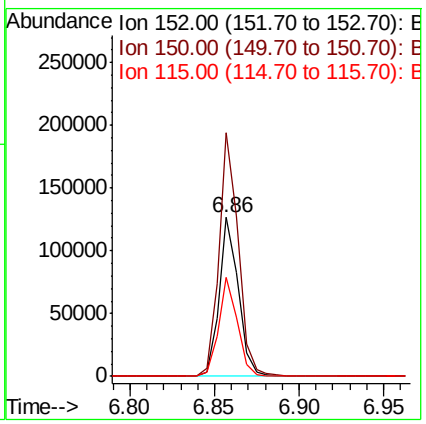


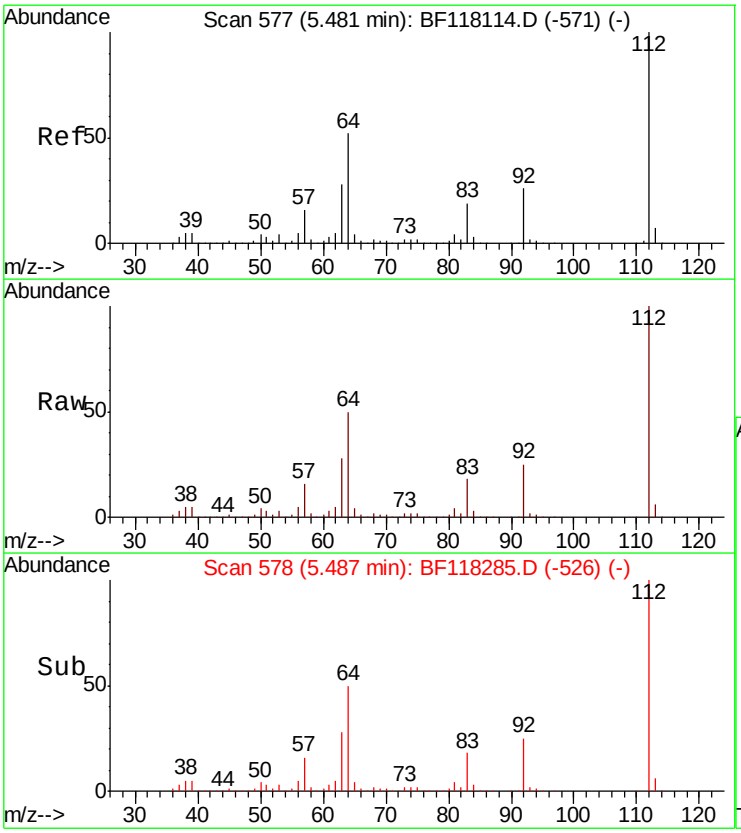
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100716

Ion	Ratio	Lower	Upper
152	100		
150	153.6	128.3	192.5
115	62.6	51.1	76.7

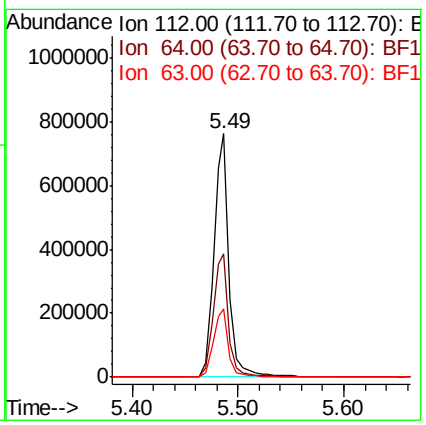


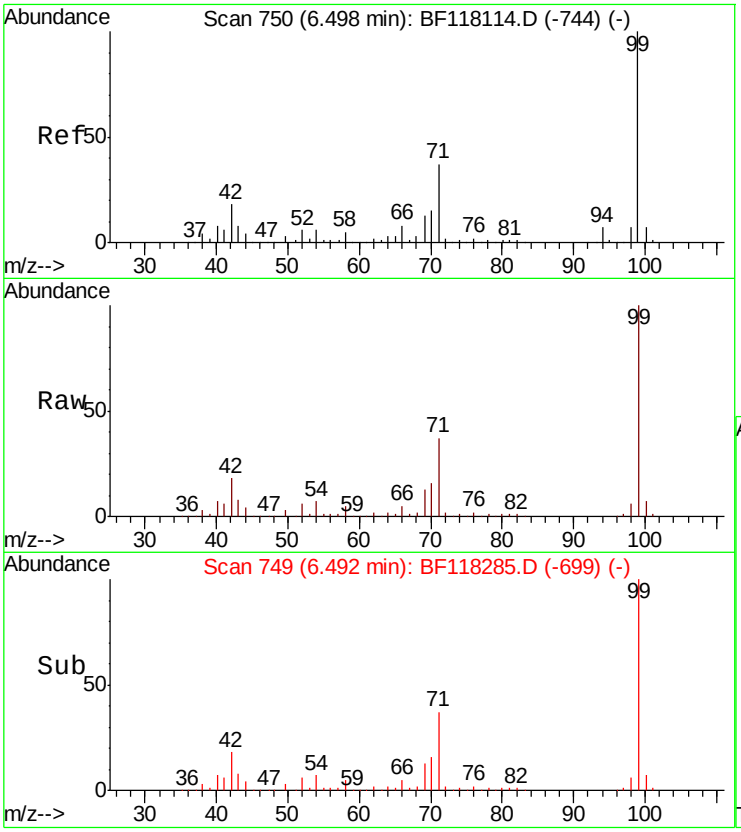


#5
2-Fluorophenol
Concen: 132.781 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:112 Resp: 763541

Ion	Ratio	Lower	Upper
112	100		
64	50.5	41.3	61.9
63	28.1	22.4	33.6



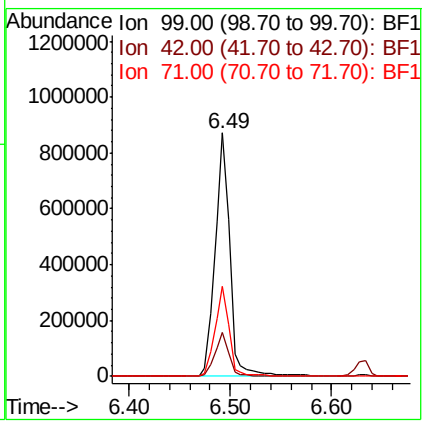


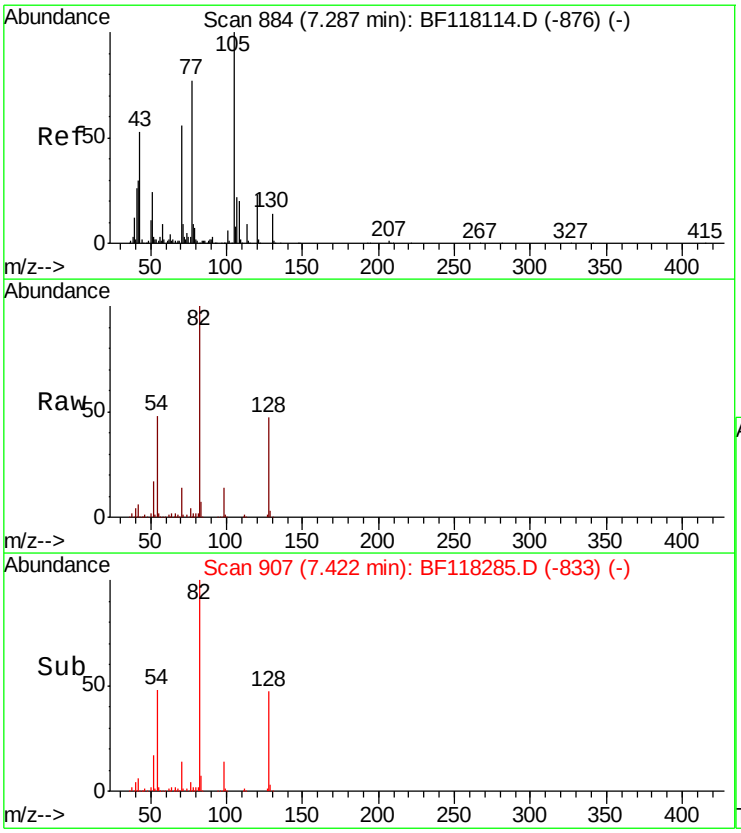
#7
Phenol-d6
Concen: 126.245 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 878068

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	36.8	29.7	44.5

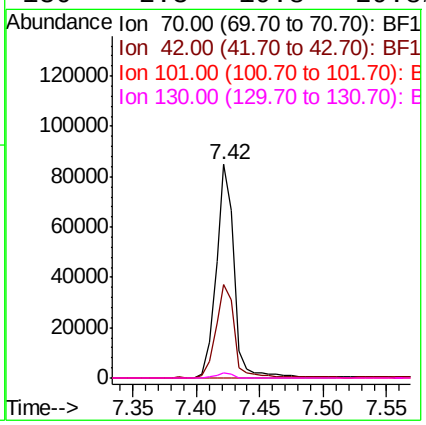


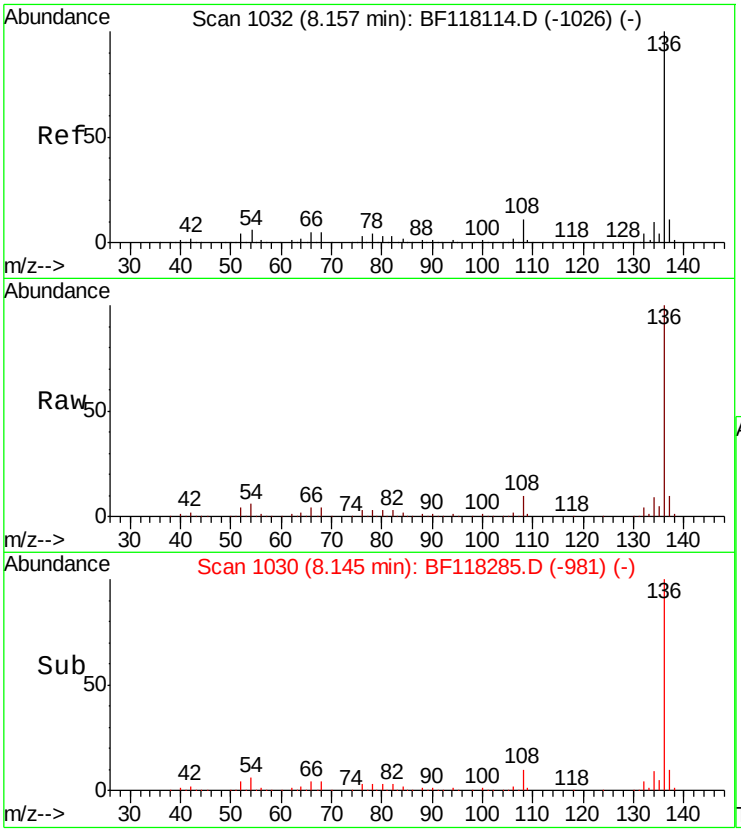


#19
n-Nitroso-di-n-propylamine
Concen: 20.096 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion: 70 Resp: 84932

Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.2	64.8
101	0.0	8.1	12.1#
130	2.3	19.8	29.8#



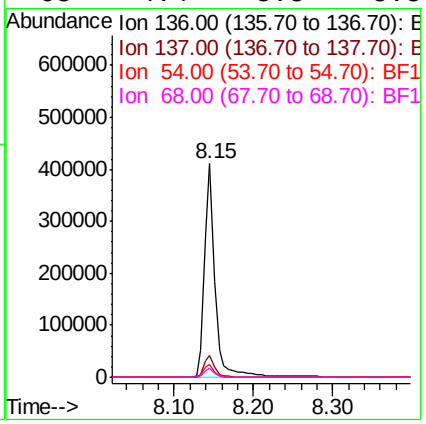


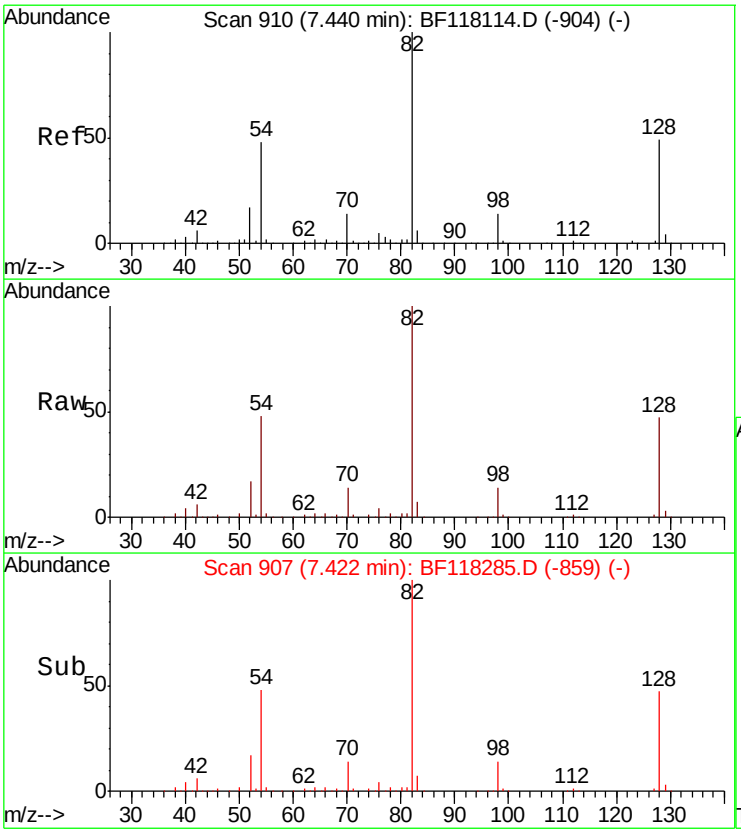
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 389340

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	5.8	5.0	7.6
68	4.4	3.8	5.8

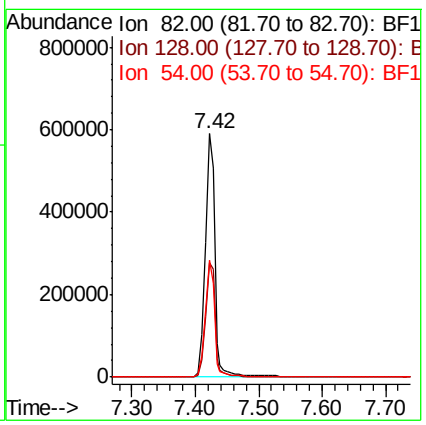


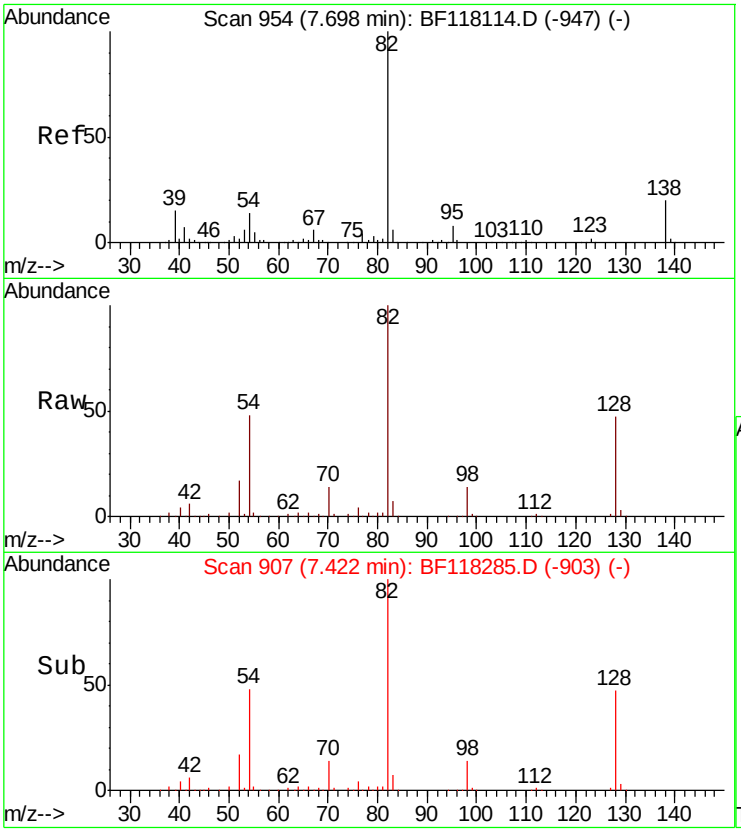


#23
Nitrobenzene-d5
Concen: 89.888 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion: 82 Resp: 622083

Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.1	58.7
54	48.1	38.2	57.2



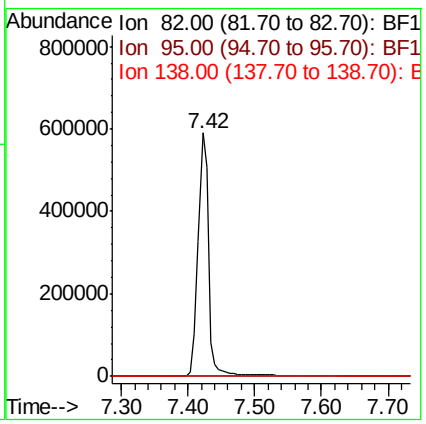


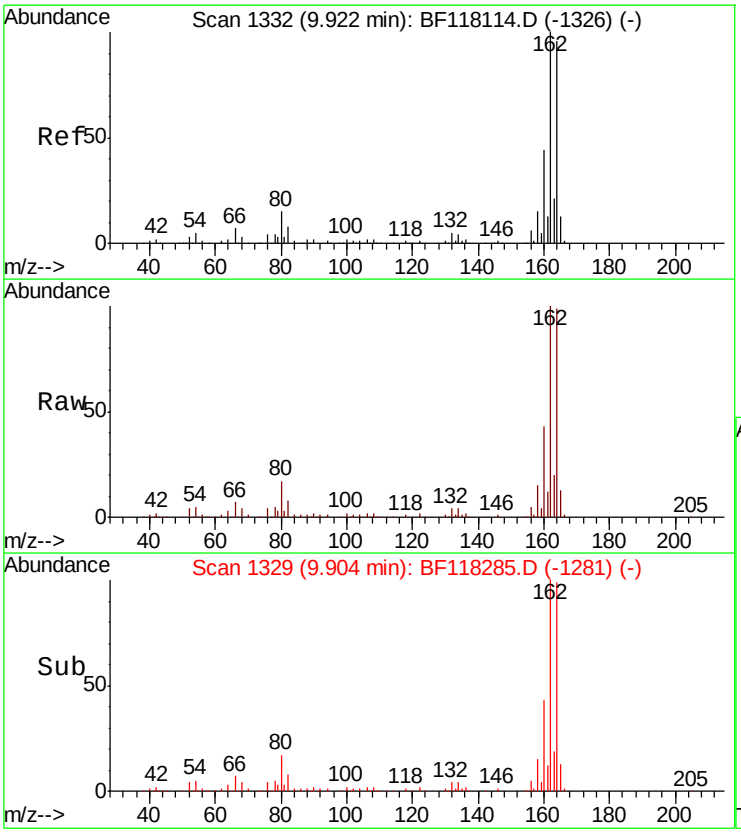
#25
Isophorone
Concen: 52.638 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 617546

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

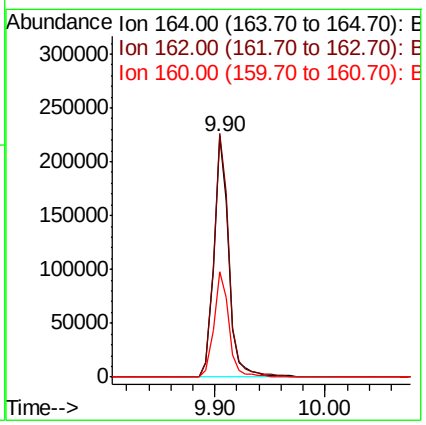


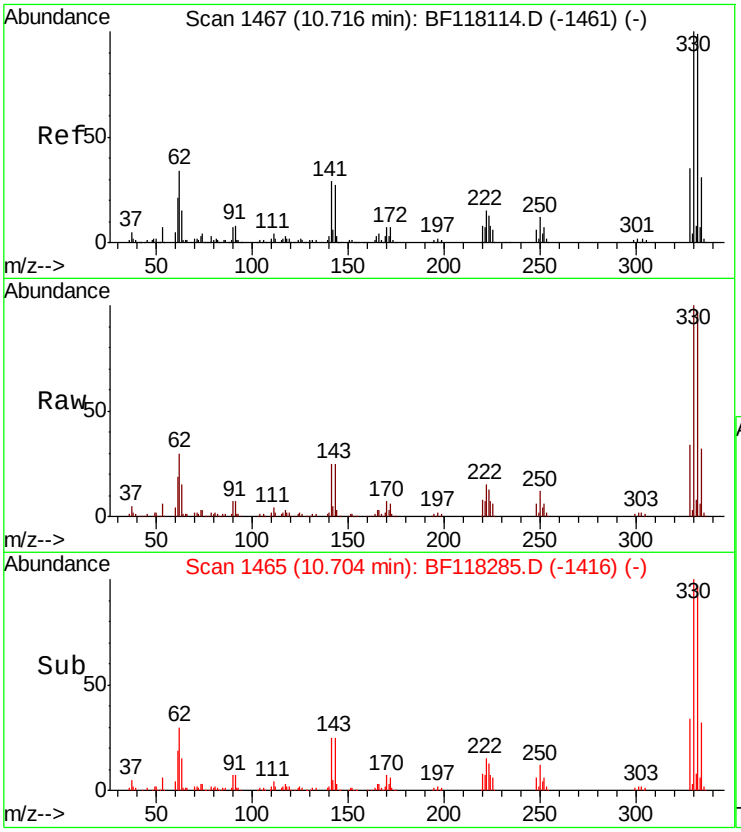


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:164 Resp: 207362

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.0
160	43.6	36.6	54.8



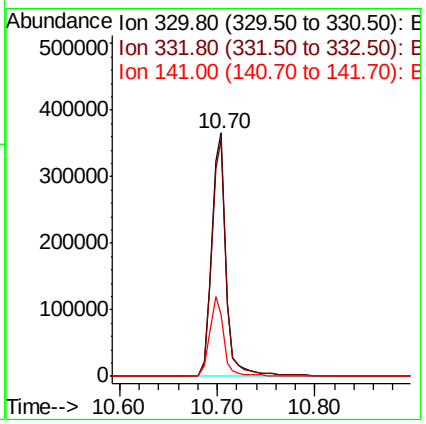


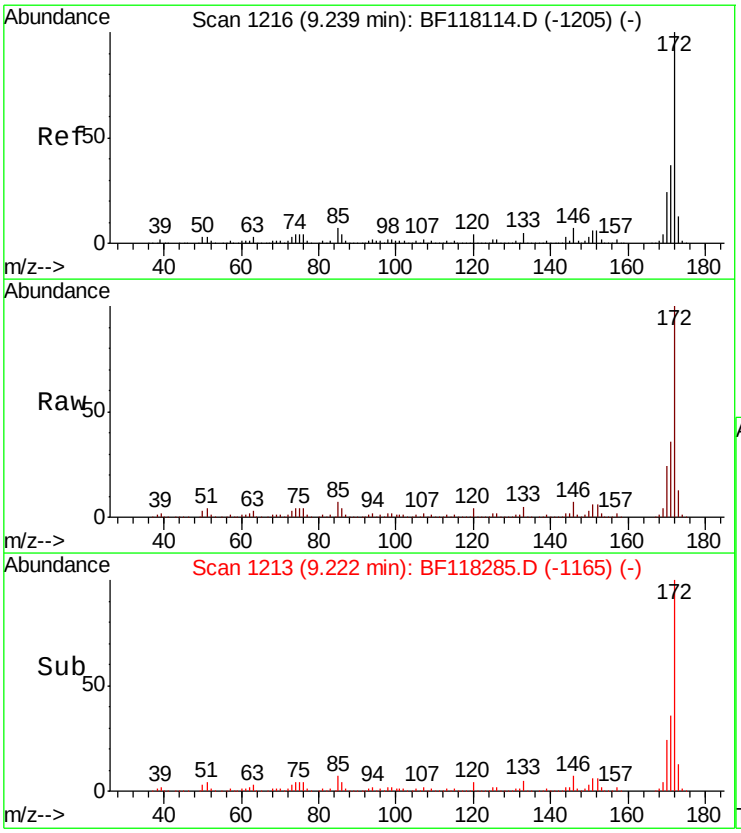
#42
2,4,6-Tribromophenol
Concen: 147.601 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 371817

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	32.5	26.9	40.3

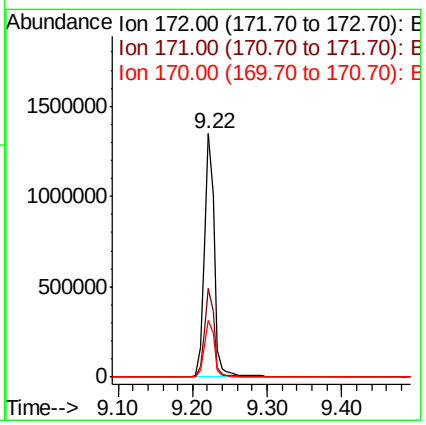


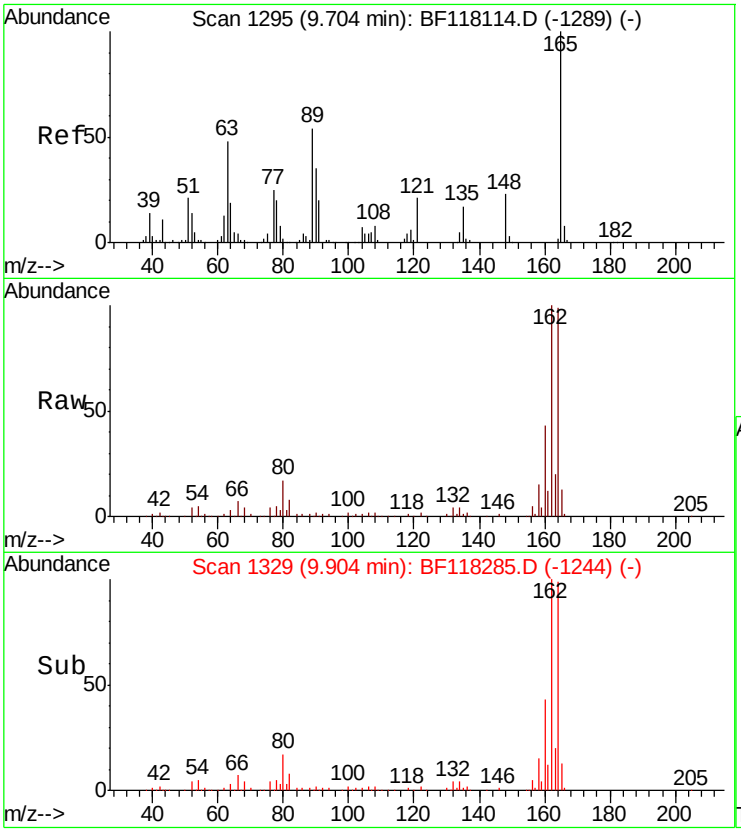


#45
2-Fluorobiphenyl
Concen: 93.401 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:172 Resp: 1272817

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.6	19.4	29.2



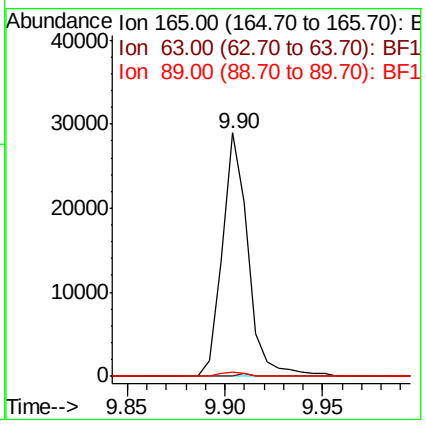


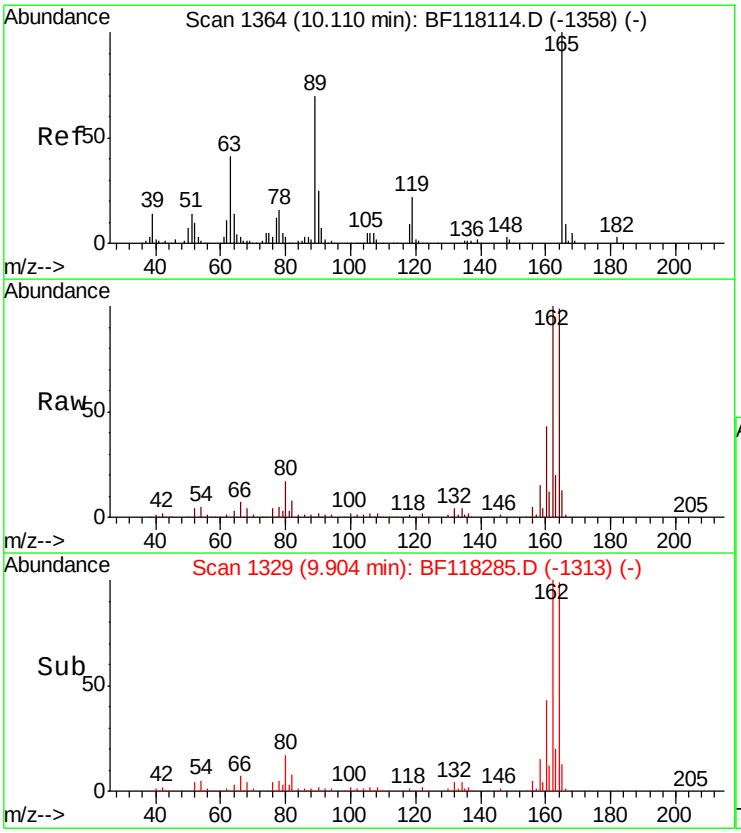
#51
2,6-Dinitrotoluene
Concen: 7.944 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26458

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	2.0	42.9	64.3#

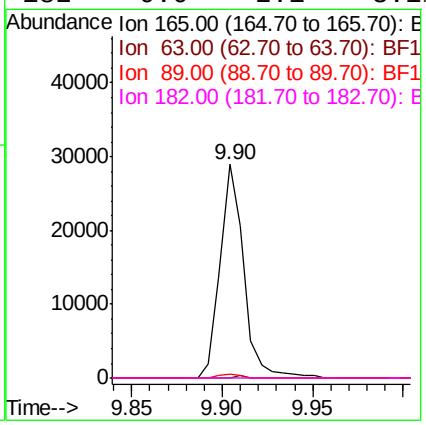


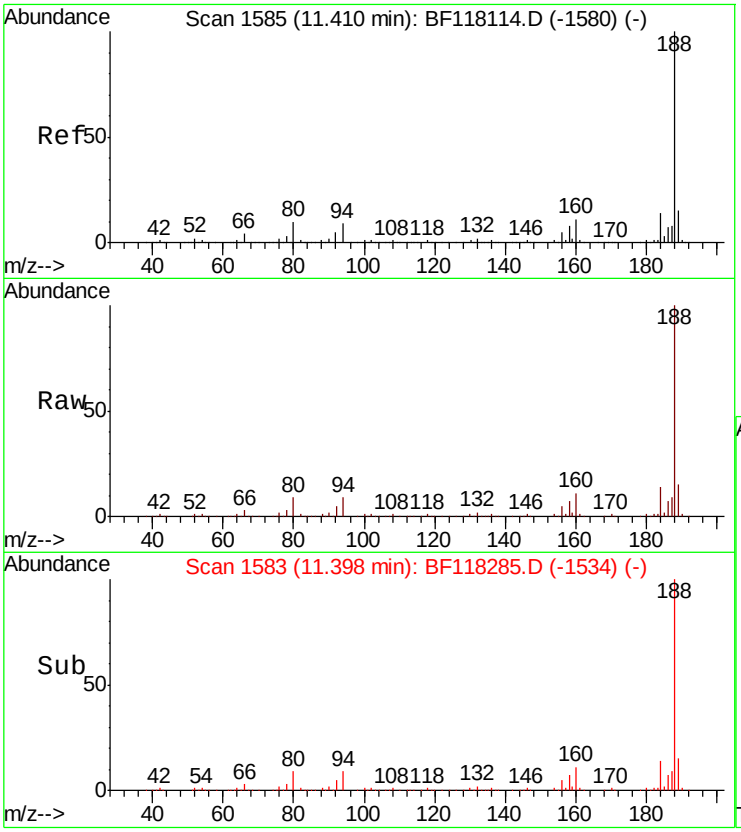


#57
2,4-Dinitrotoluene
Concen: 5.952 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:165 Resp: 26459

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	2.0	56.1	84.1#
182	0.0	2.1	3.1#



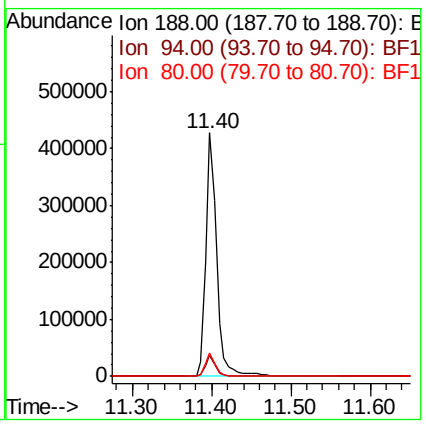


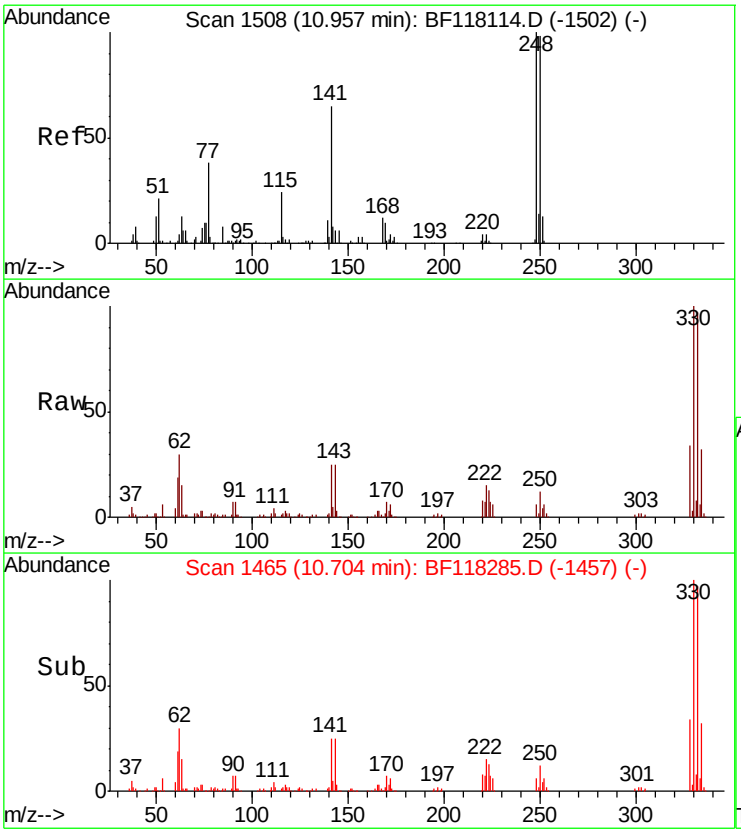
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 410284

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.4	7.9	11.9

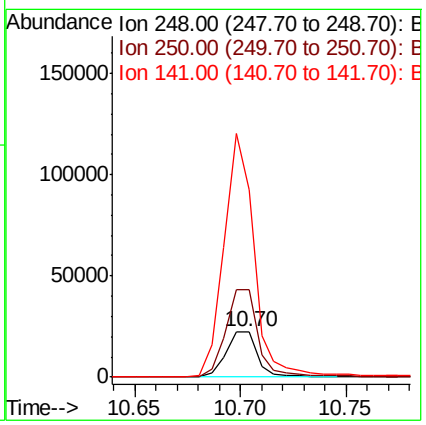


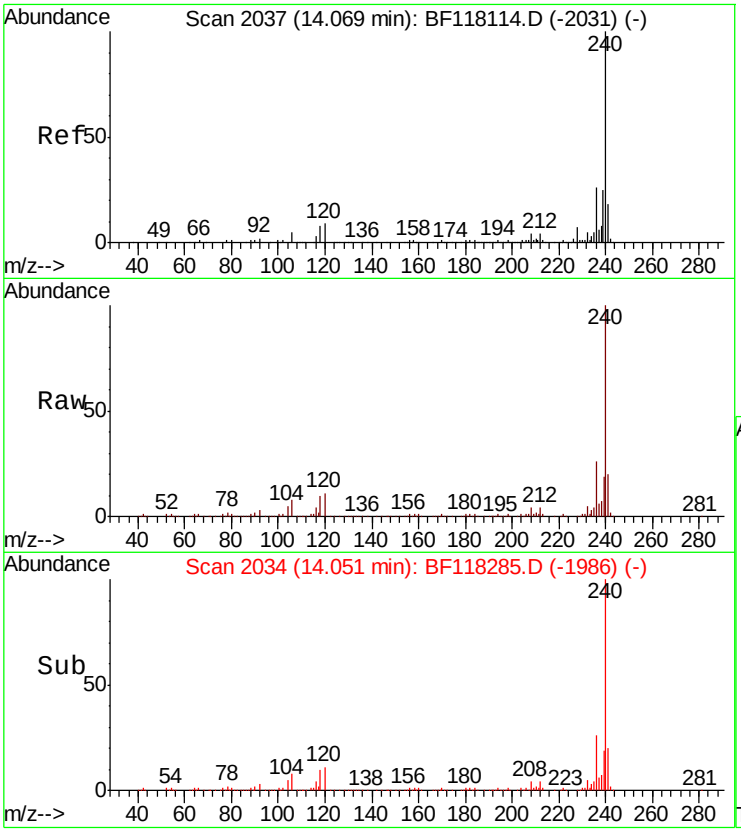


#67
4-Bromophenyl-phenylether
Concen: 4.934 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:248 Resp: 23109

Ion	Ratio	Lower	Upper
248	100		
250	191.9	78.3	117.5#
141	411.5	52.2	78.4#



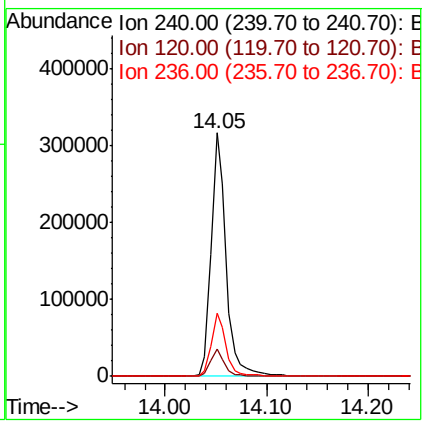


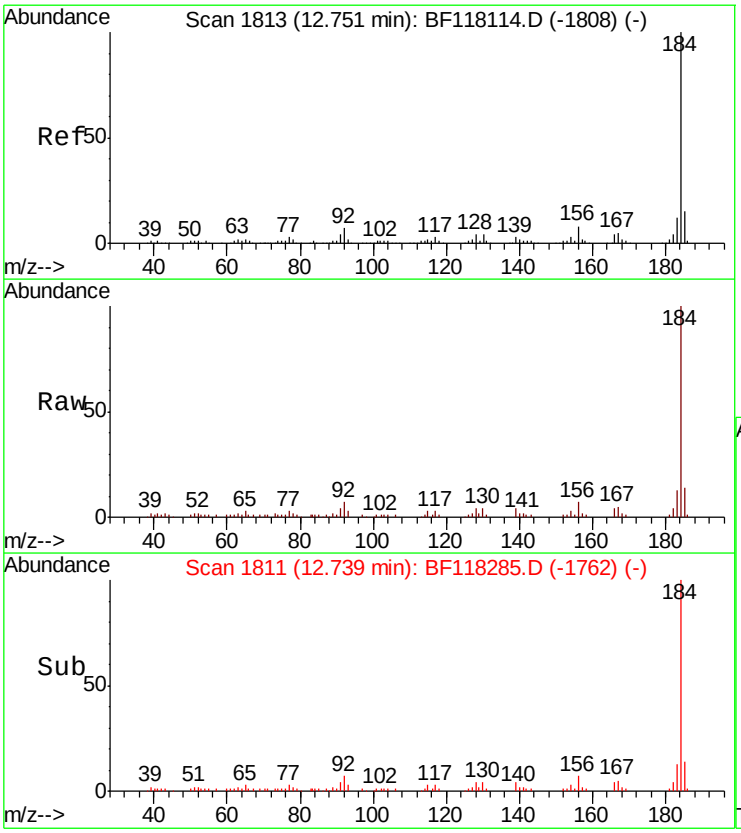
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 325745

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.1	10.7#
236	26.1	21.0	31.6

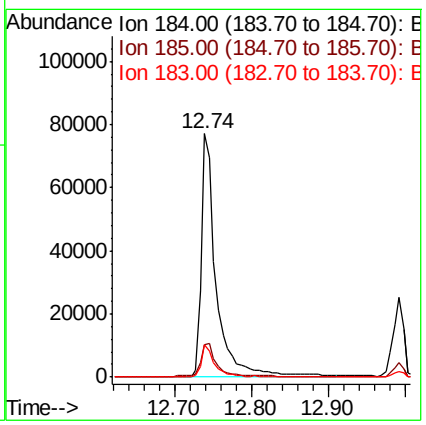


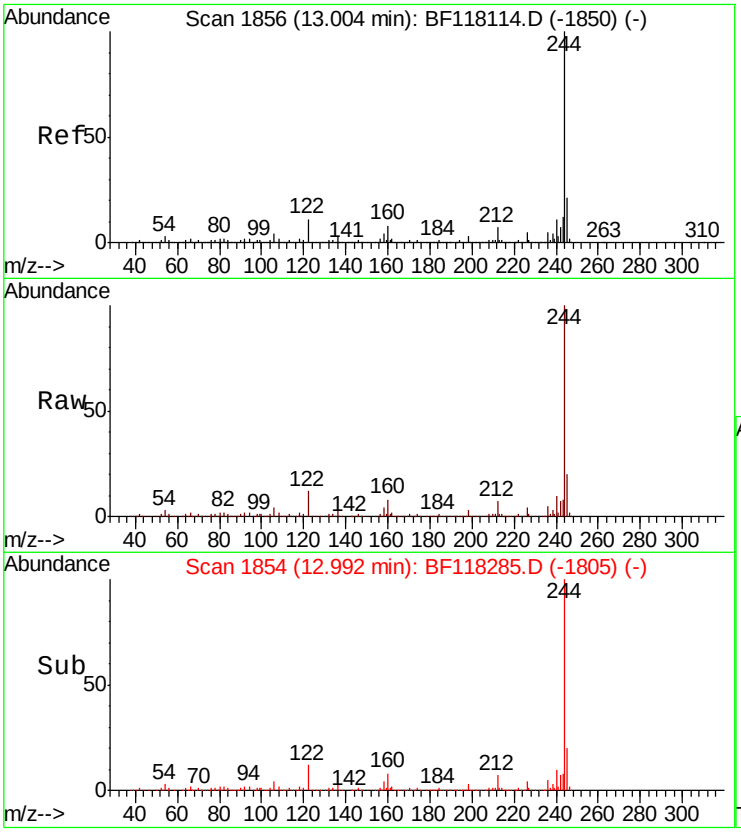


#77
Benzidine
Concen: 12.248 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:184 Resp: 105028

Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.3	18.5
183	13.3	9.9	14.9



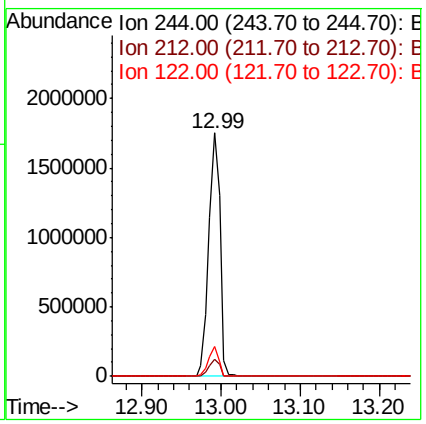


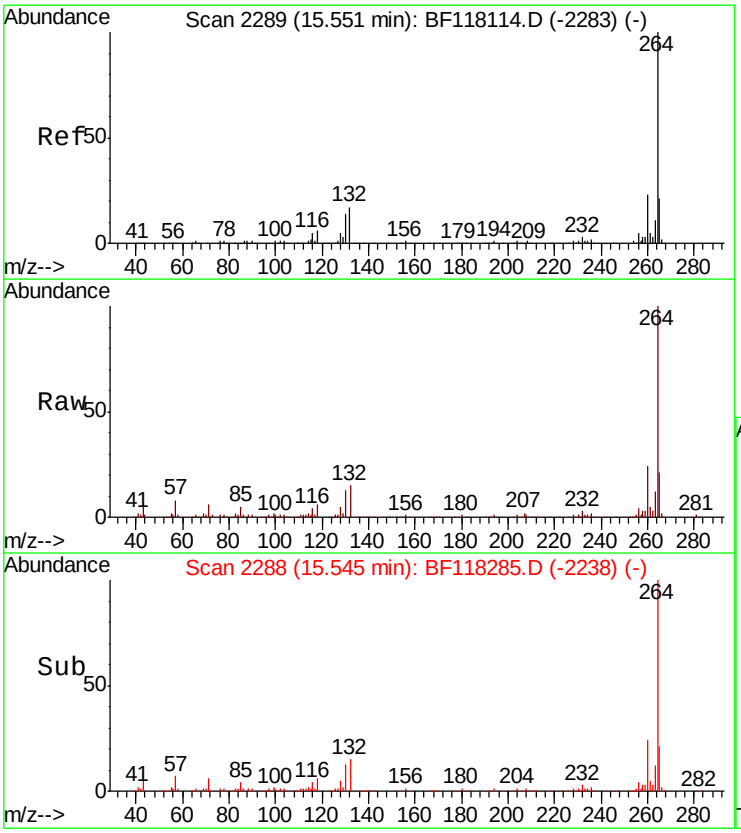
#79
Terphenyl-d14
Concen: 91.352 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1730457

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.0	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion:264 Resp: 307357

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	20.7	16.8	25.2