Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118273.D
Acq On : 18 Dec 2019 21:54
Operator : JU
Sample : K6357-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 19 03:11:40 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	97891	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	377242	20.00	ng		-0.01
39) Acenaphthene-d10	9.90	164	196916	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	365476	20.00	ng		0.00
76) Chrysene-d12	14.05	240	233813	20.00	ng		-0.02
87) Perylene-d12	15.54	264	240084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	541404	96.87	ng		0.00
7) Phenol-d6	6.49	99	686704	101.58	ng		0.00
23) Nitrobenzene-d5	7.42	82	408580	60.93	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	220072	92.00	ng		-0.02
45) 2-Fluorobiphenyl	9.22	172	869603	67.20	ng		-0.02
79) Terphenyl-d14	12.99	244	976831	71.84	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1276	Below Cal		#	1
10) Phenol	6.50	94	16806	2.180	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	53915	13.125	ng	#	78
25) Isophorone	7.42	82	408577	35.943	ng	#	62
50) Dimethylphthalate	9.62	163	47776	3.285	ng		100
51) 2,6-Dinitrotoluene	9.90	165	24968	7.894	ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	24968	5.915	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	13390	3.210	ng	#	1
77) Benzidine	12.99	184	12982	2.109	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Dec 2019 21:54
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ALS Vial : 25 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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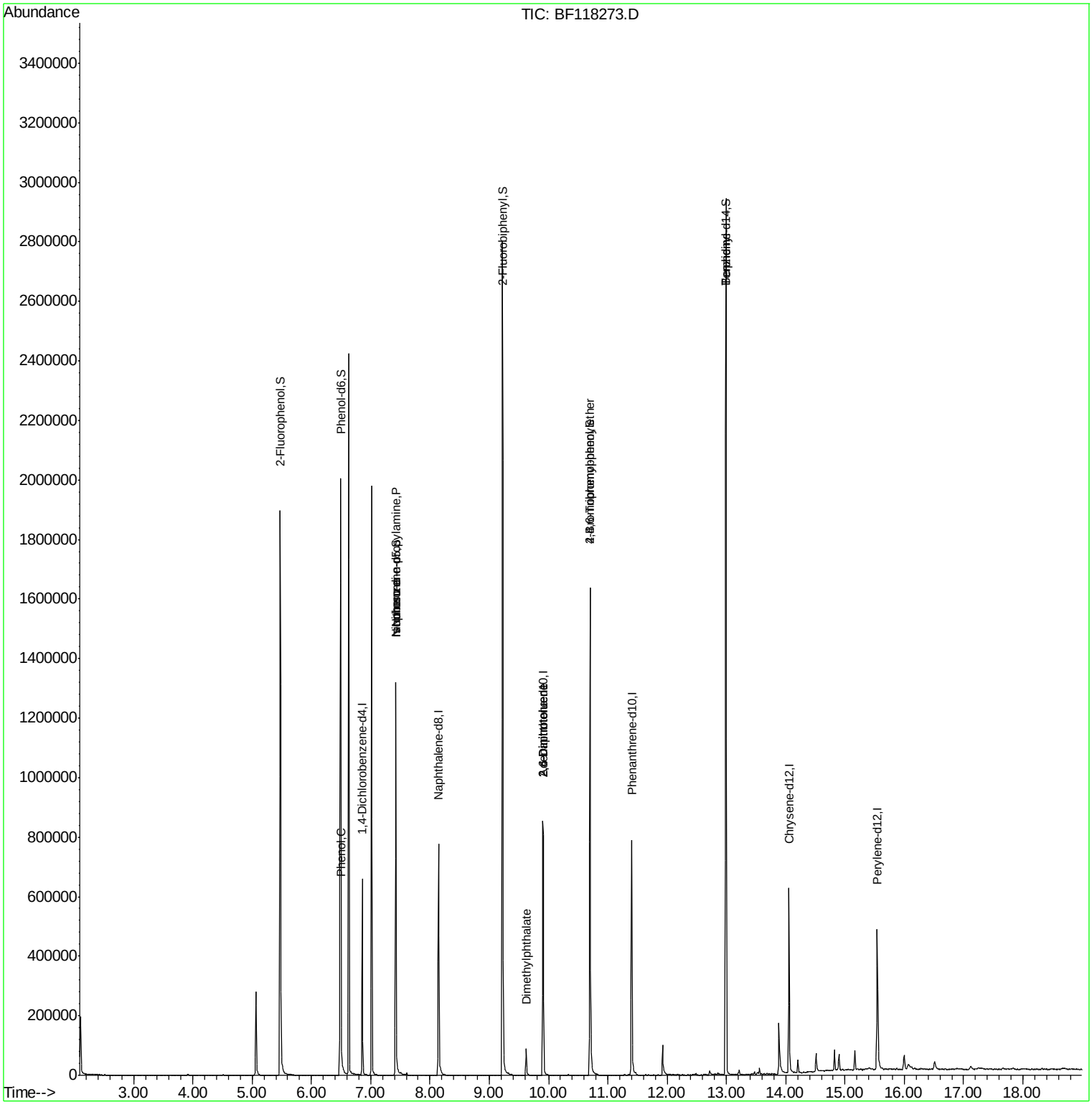
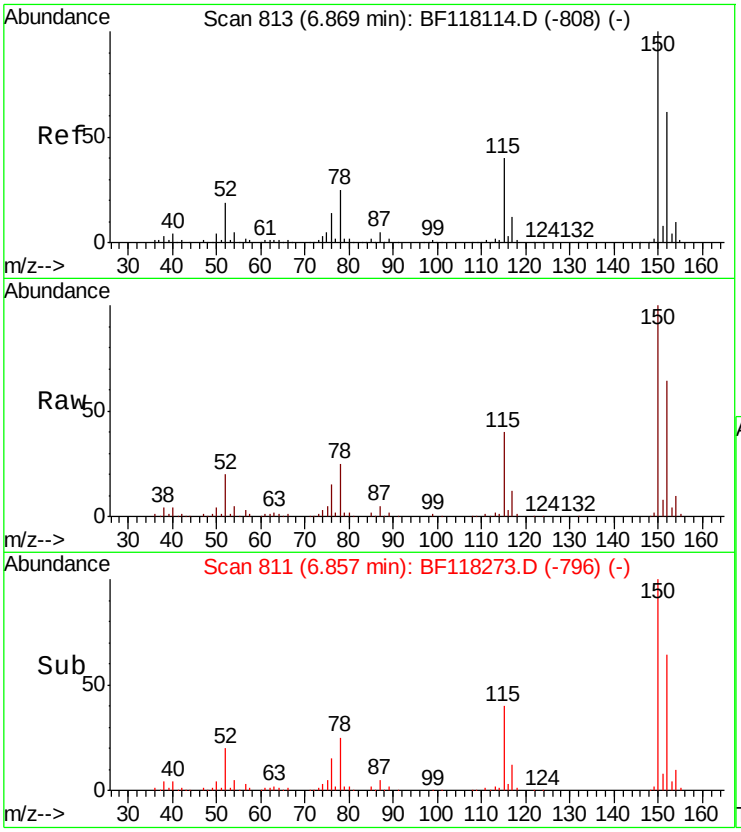
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



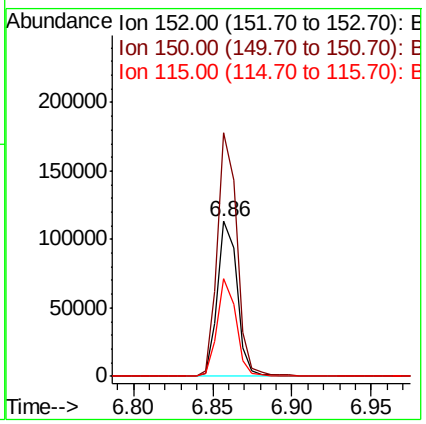


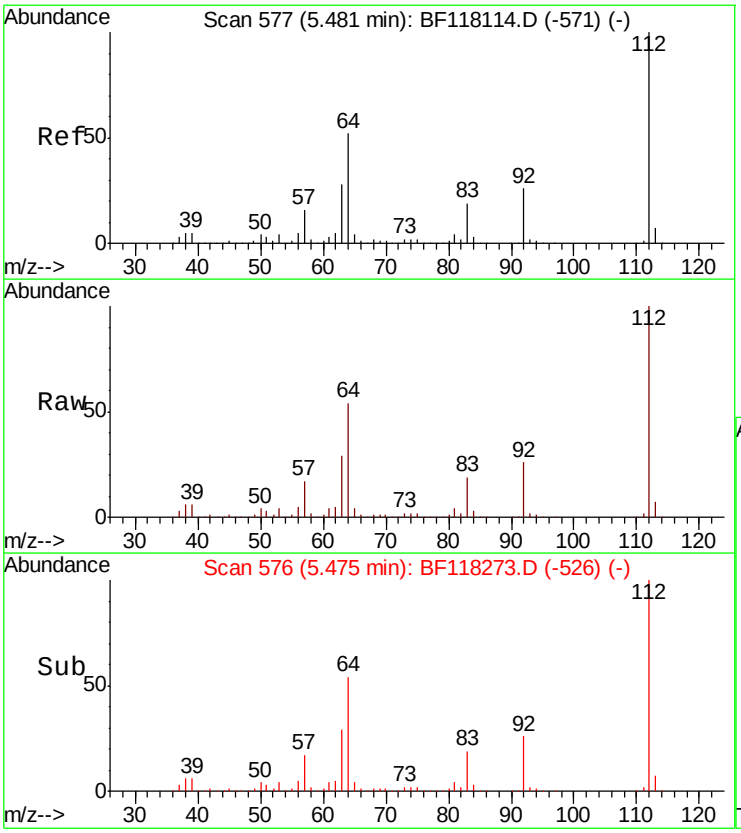
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97891

Ion	Ratio	Lower	Upper
152	100		
150	157.4	128.3	192.5
115	63.0	51.1	76.7

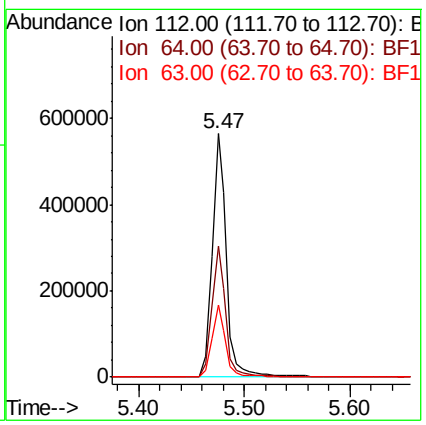


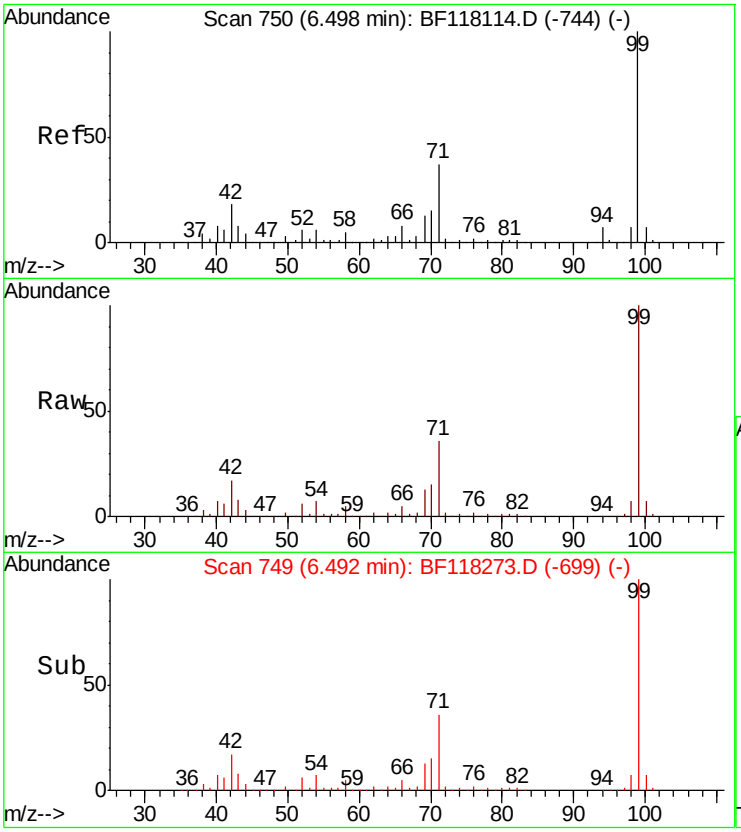


#5
2-Fluorophenol
Concen: 96.868 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:112 Resp: 541404

Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	29.4	22.4	33.6



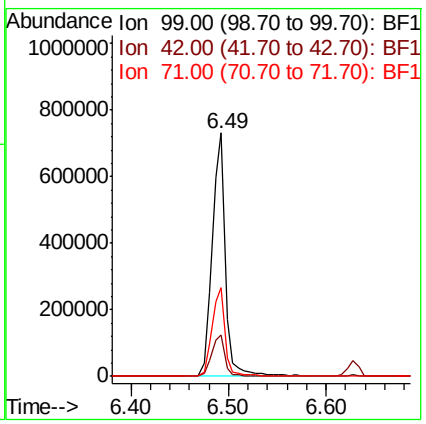


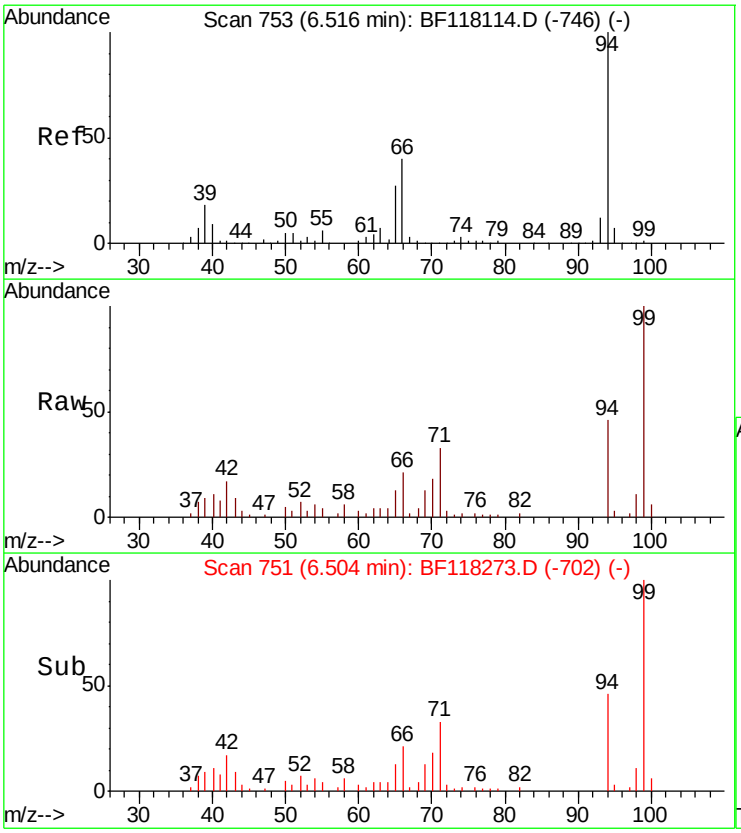
#7
Phenol-d6
Concen: 101.581 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 686704

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	36.4	29.7	44.5

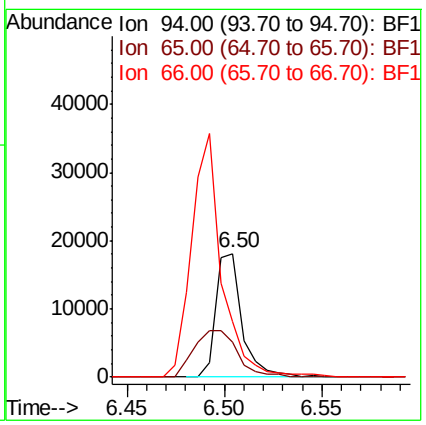


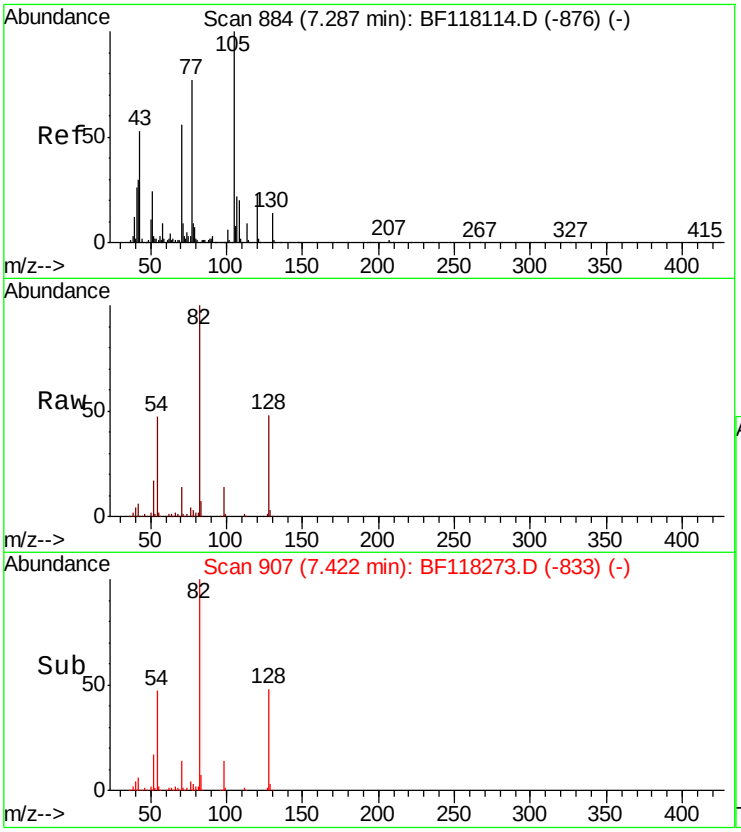


#10
Phenol
Concen: 2.180 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion: 94 Resp: 16806

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.3	47.3
66	45.0	20.2	60.2



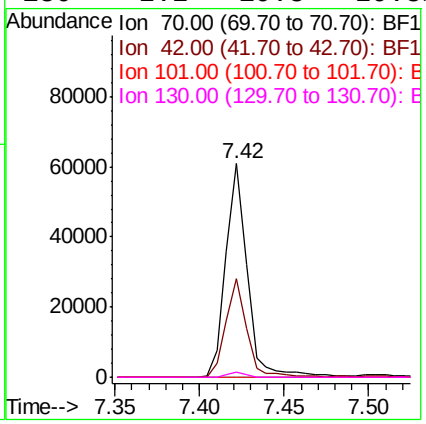


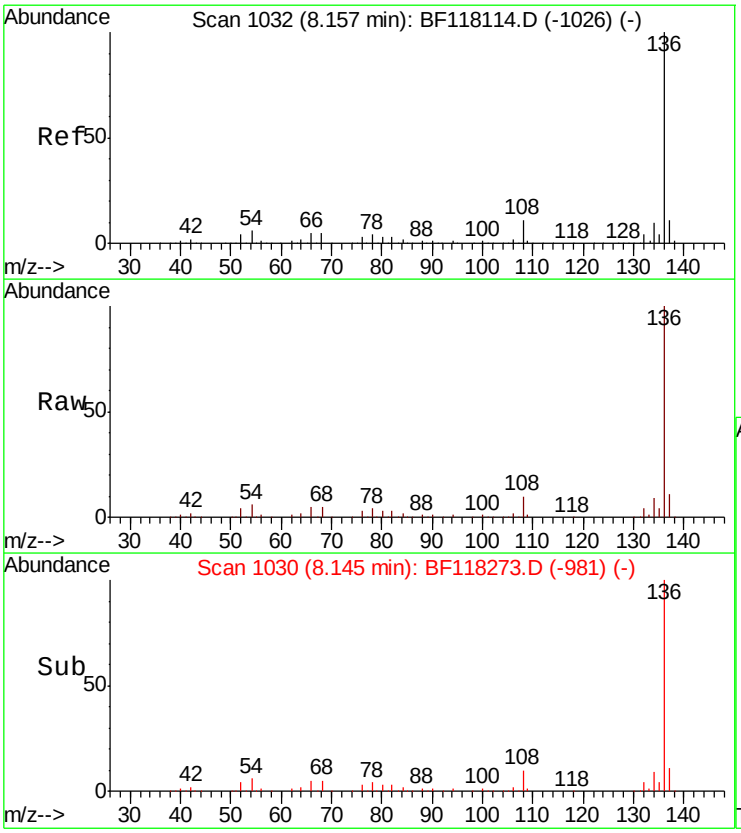
#19
n-Nitroso-di-n-propylamine
Concen: 13.125 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53915

Ion	Ratio	Lower	Upper
70	100		
42	46.2	43.2	64.8
101	0.0	8.1	12.1#
130	2.2	19.8	29.8#

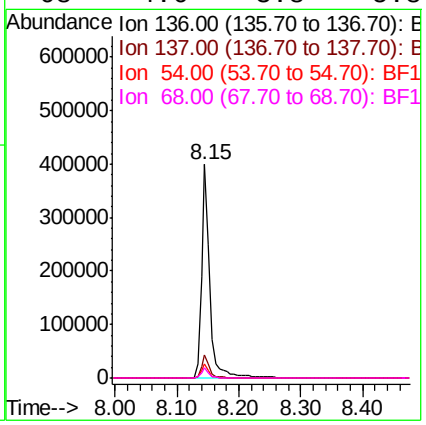


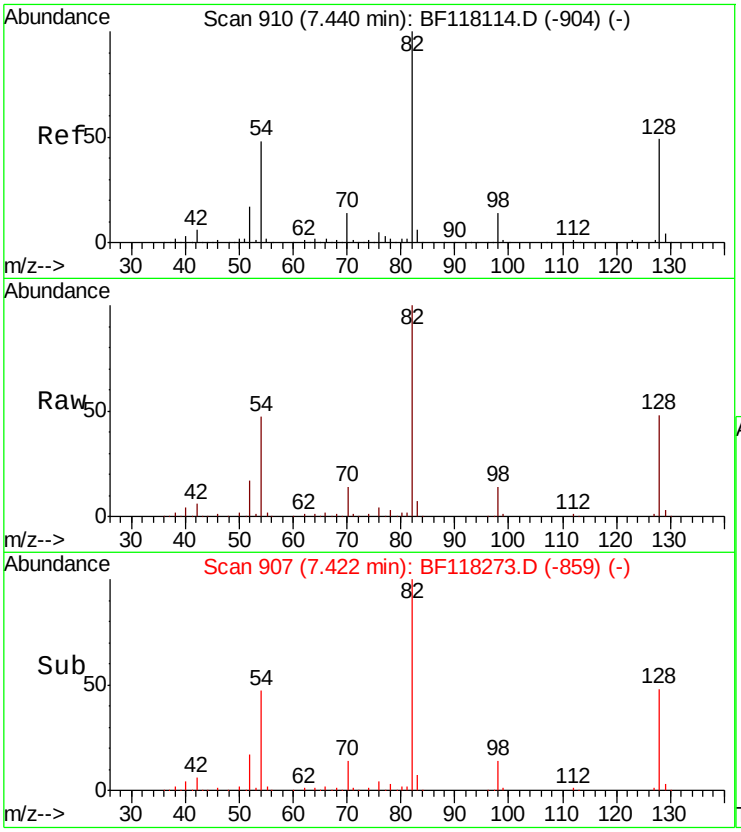


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:136 Resp: 377242

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.3	5.0	7.6
68	4.6	3.8	5.8



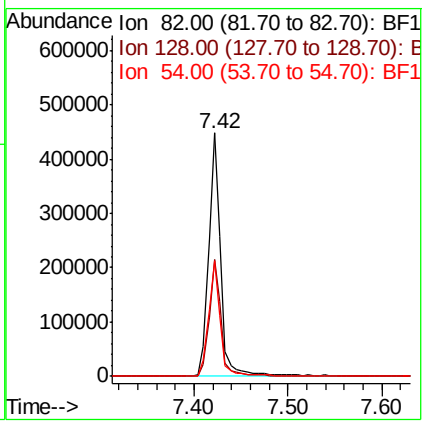


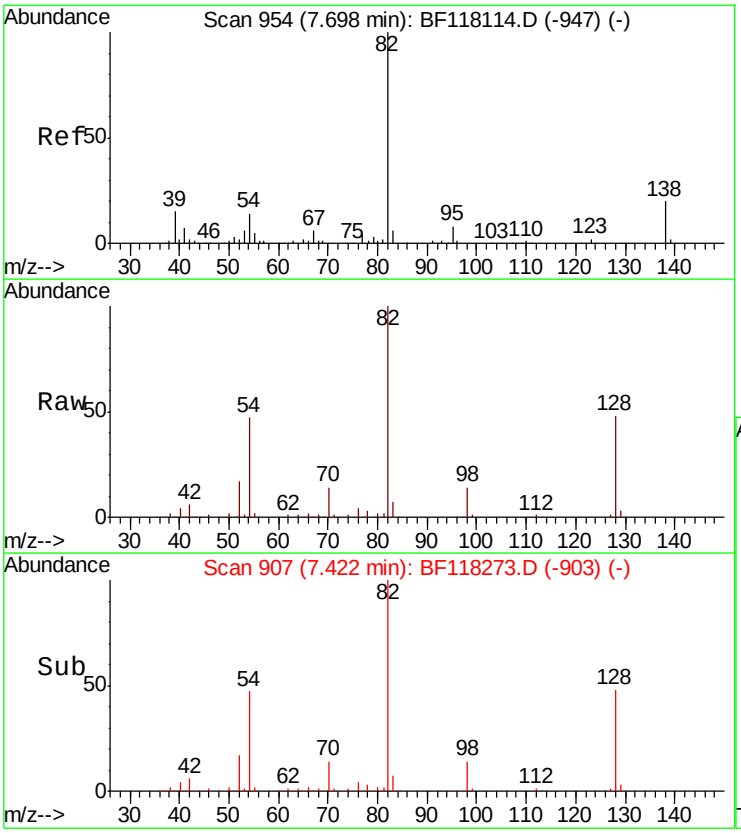
#23
Nitrobenzene-d5
Concen: 60.931 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 408580

Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.1	58.7
54	47.4	38.2	57.2

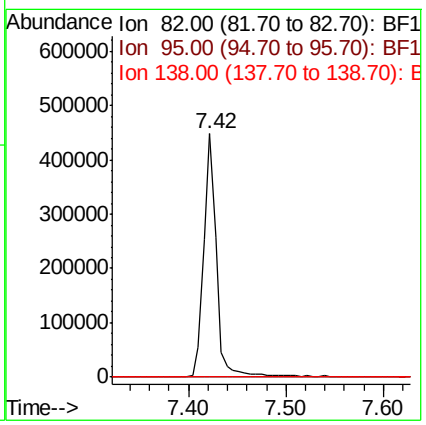


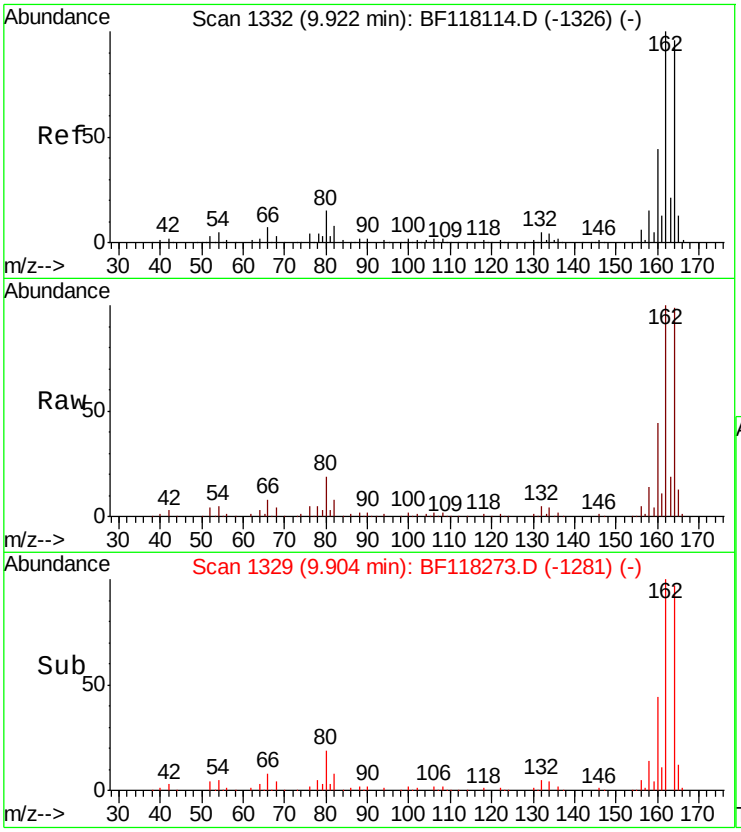


#25
Isophorone
Concen: 35.943 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion: 82 Resp: 408577

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



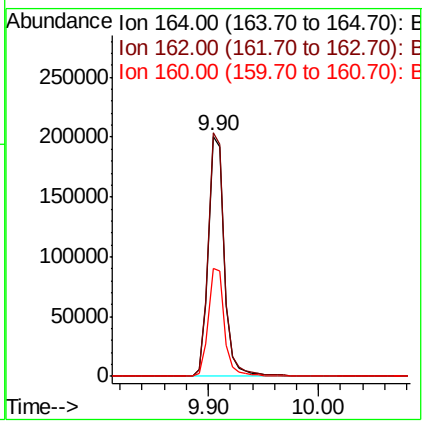


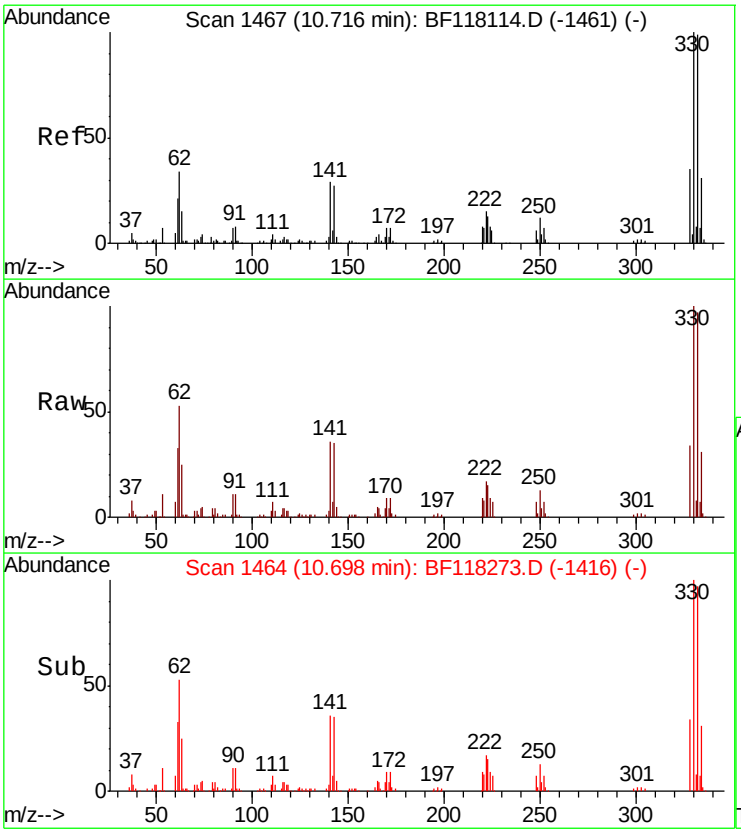
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 196916

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.4	125.0
160	44.7	36.6	54.8

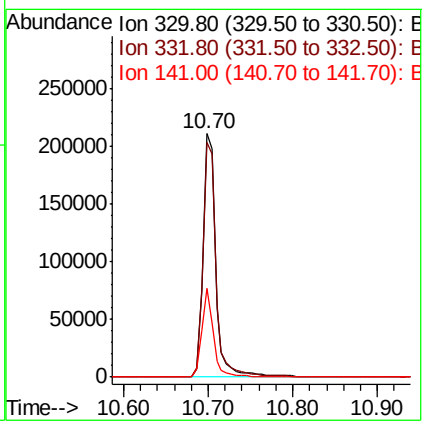


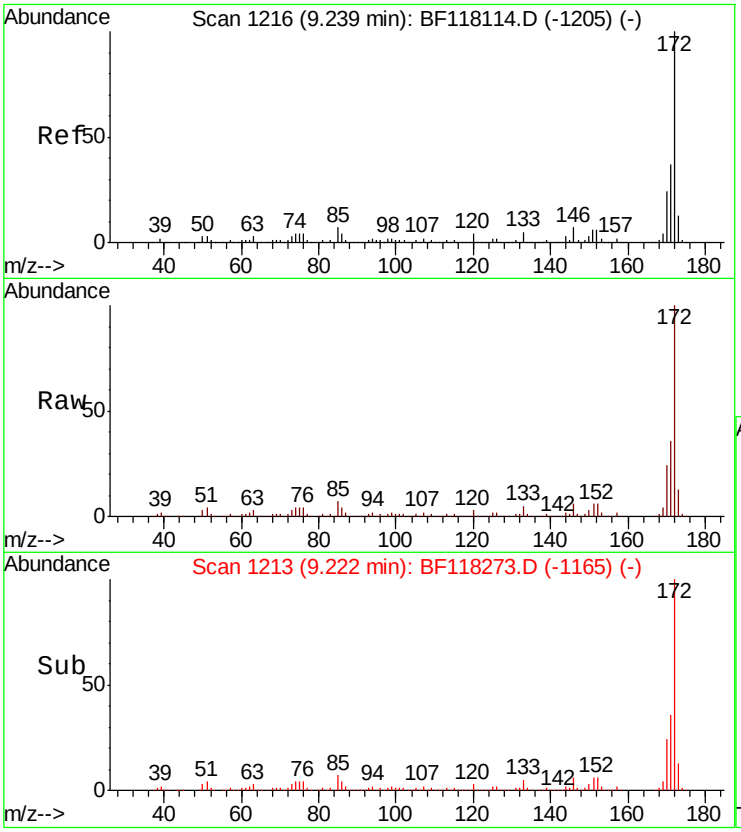


#42
2,4,6-Tribromophenol
Concen: 91.997 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:330 Resp: 220072

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.1	117.1
141	32.7	26.9	40.3



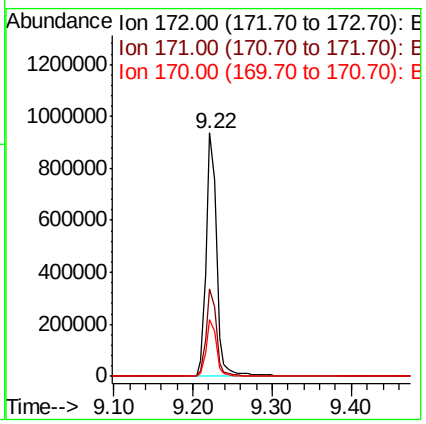


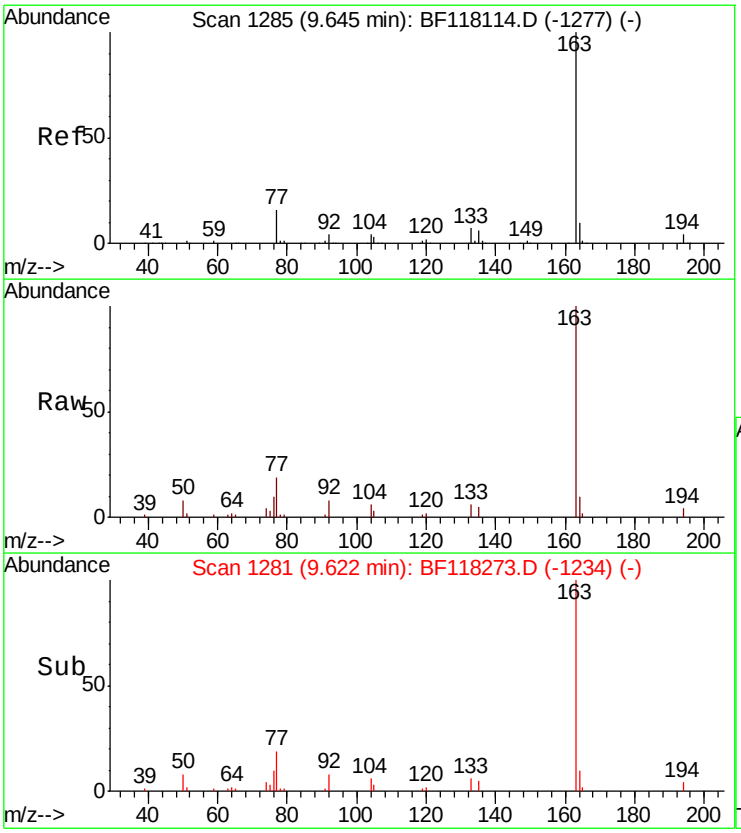
#45
2-Fluorobiphenyl
Concen: 67.198 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 869603

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.6	19.4	29.2

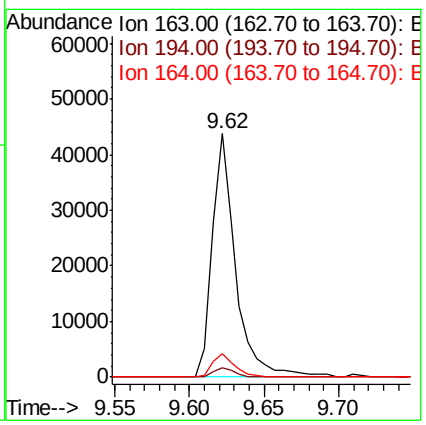


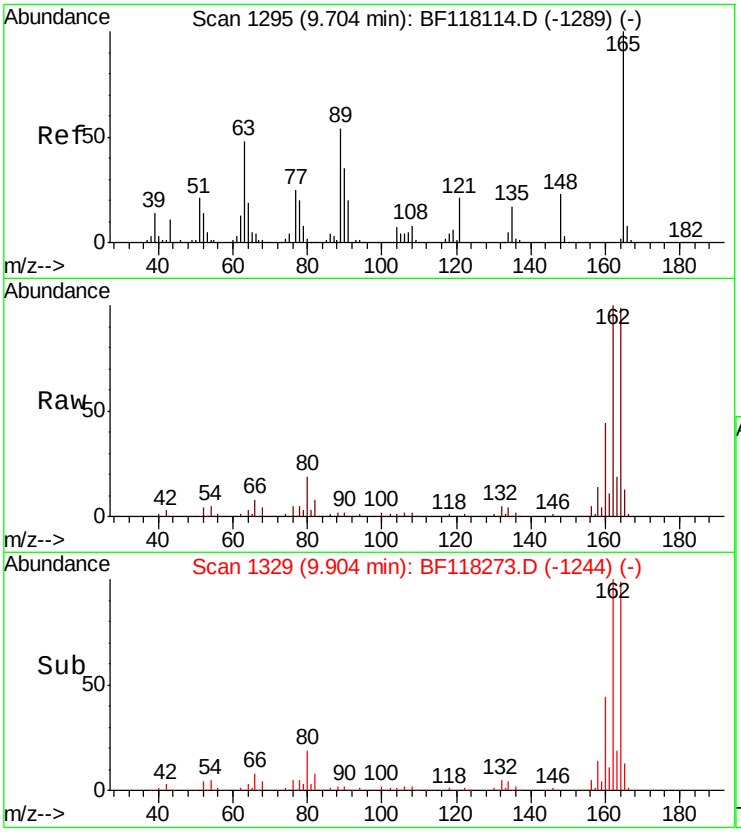


#50
Dimethylphthalate
Concen: 3.285 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:163 Resp: 47776

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.7	7.7	11.5



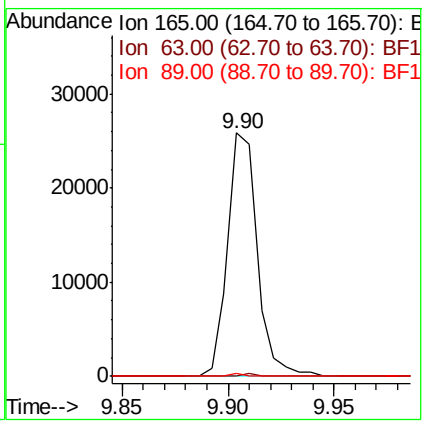


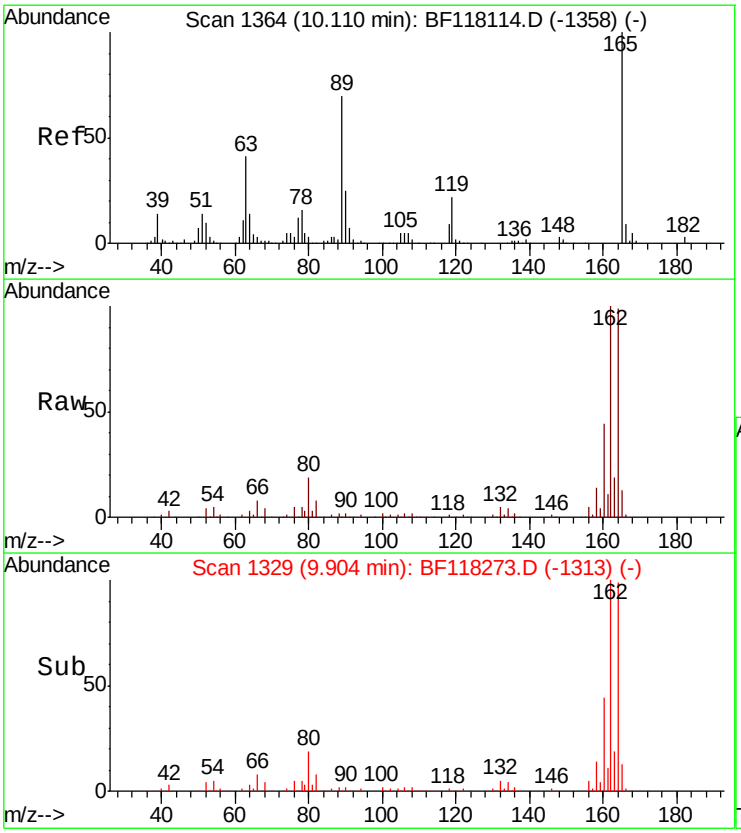
#51
2,6-Dinitrotoluene
Concen: 7.894 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24968

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	1.4	42.9	64.3#

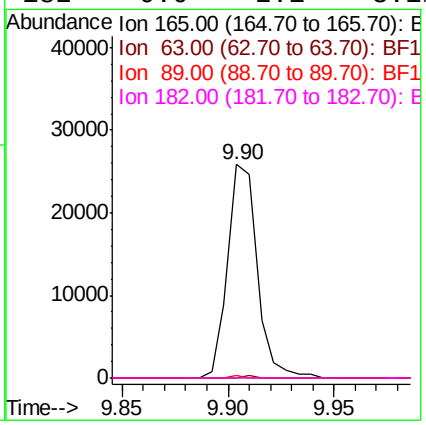


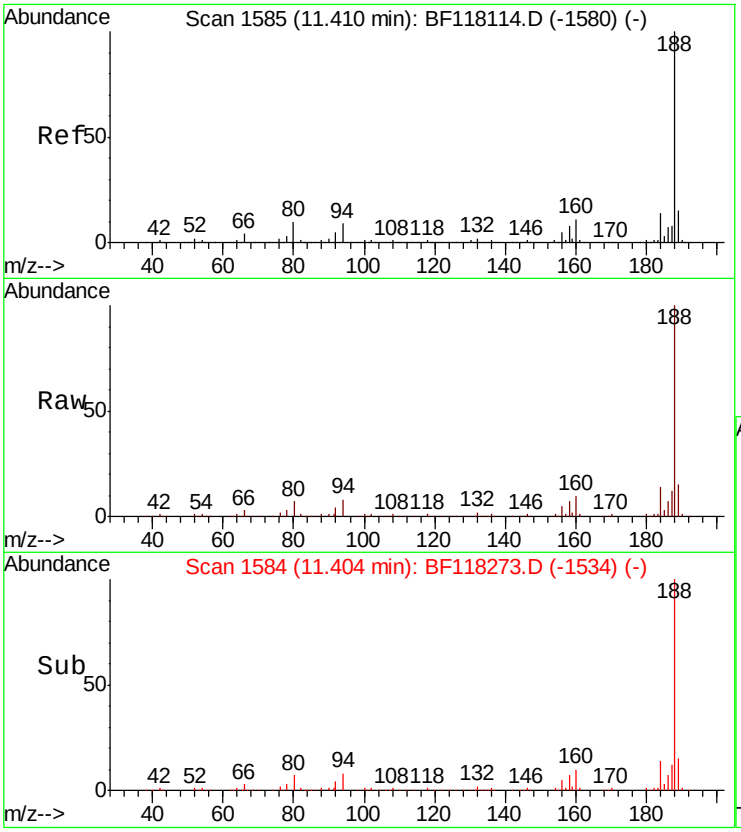


#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:165 Resp: 24968

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



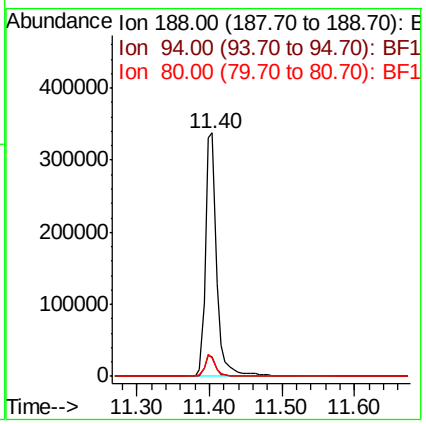


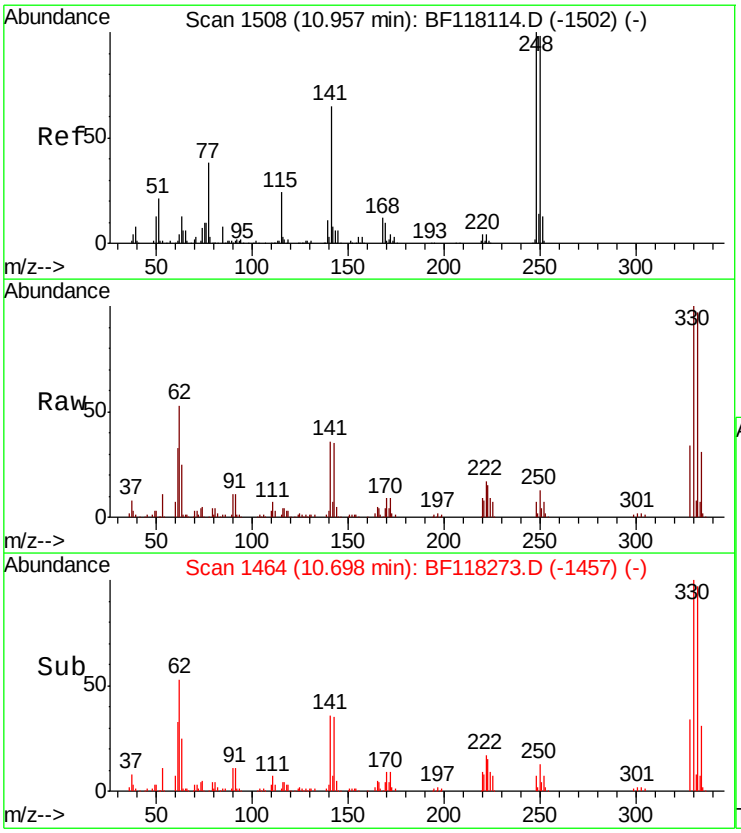
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 365476

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	7.4	7.9	11.9#

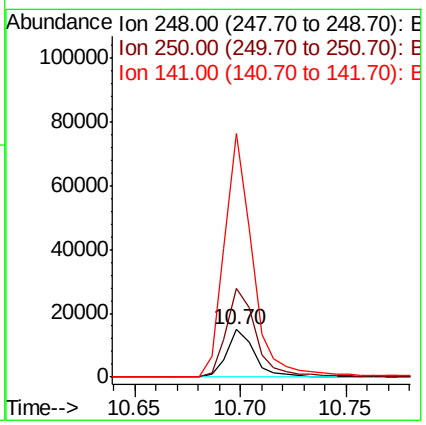


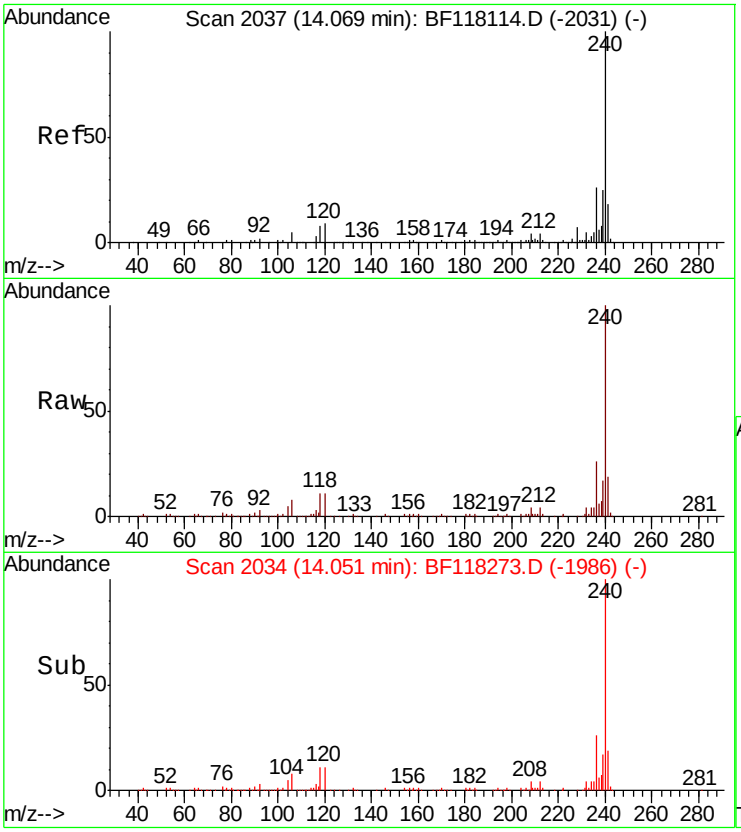


#67
4-Bromophenyl-phenylether
Concen: 3.210 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:248 Resp: 13390

Ion	Ratio	Lower	Upper
248	100		
250	186.4	78.3	117.5#
141	513.8	52.2	78.4#



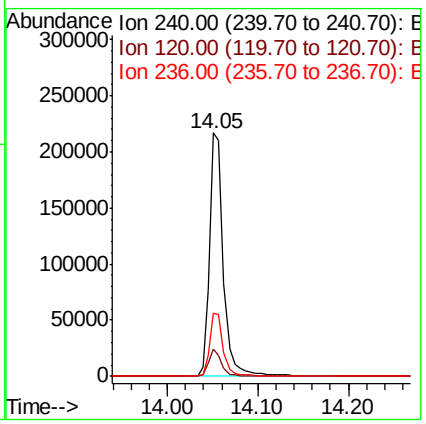


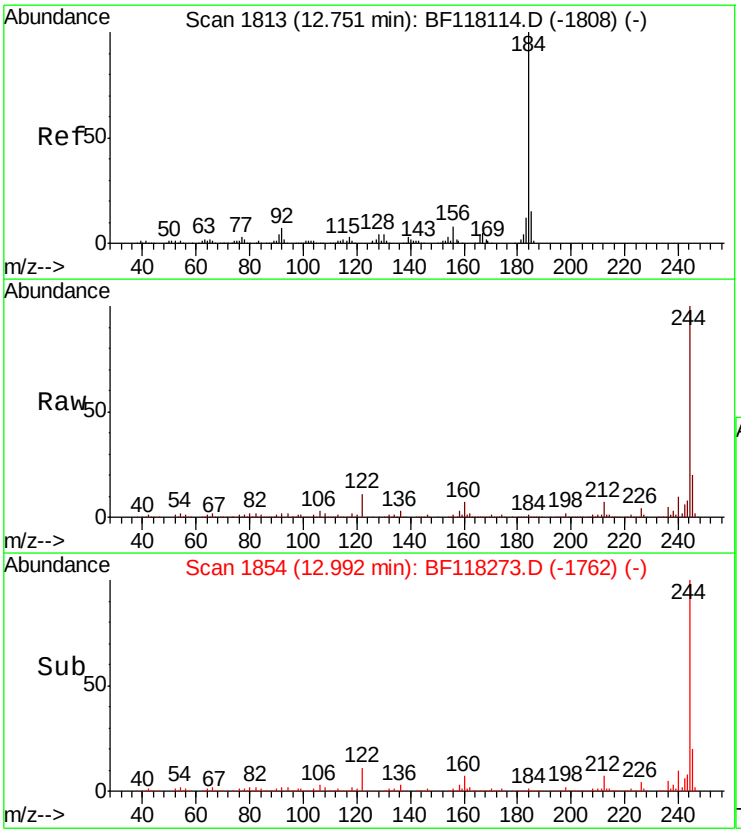
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 233813

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	25.7	21.0	31.6

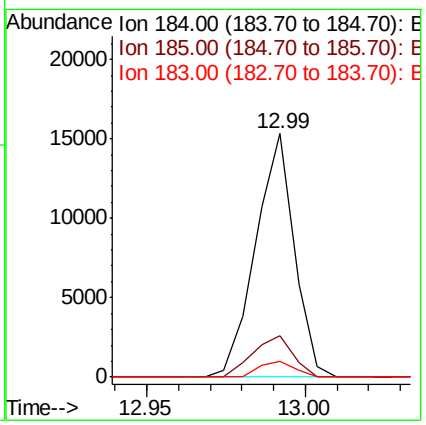


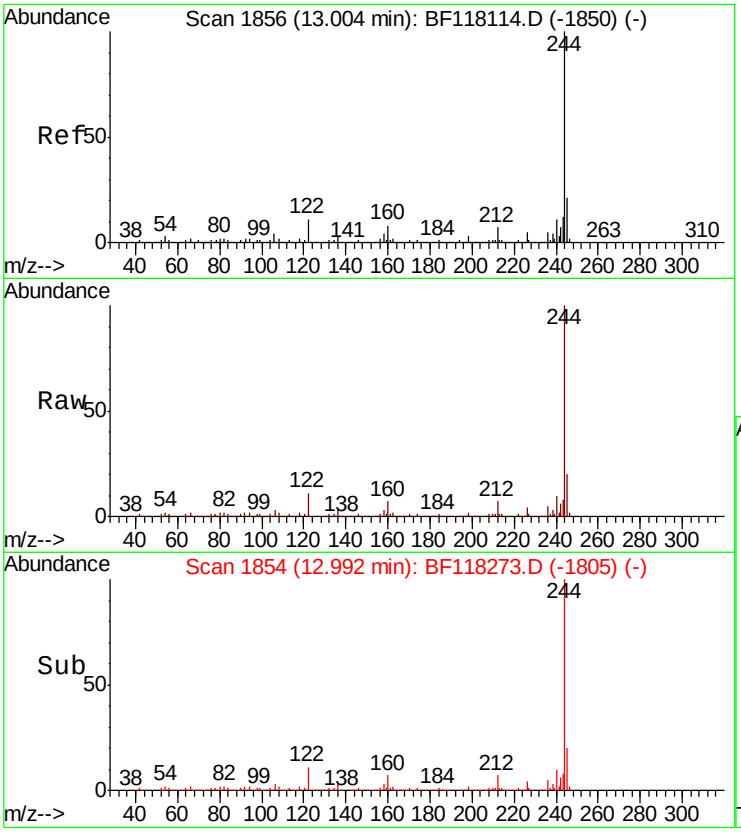


#77
Benzidine
Concen: 2.109 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:184 Resp: 12982

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.3	18.5
183	6.5	9.9	14.9#



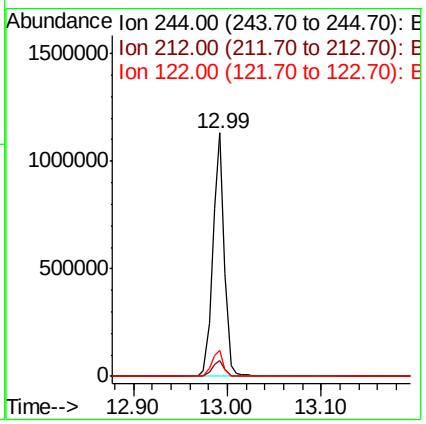


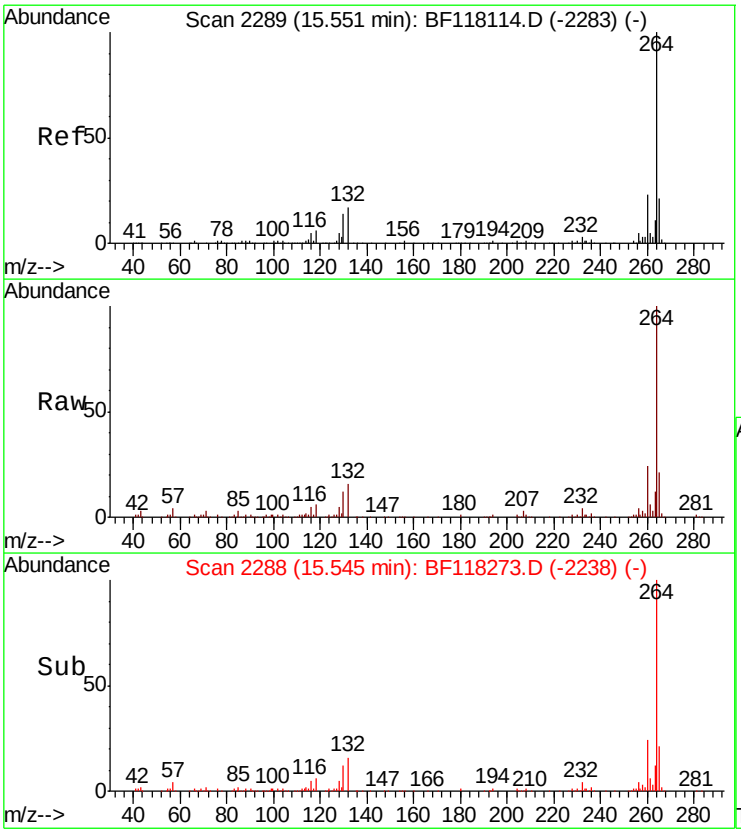
#79
Terphenyl-d14
Concen: 71.843 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118273.D
Acq: 18 Dec 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 976831

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.9	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: BF118273.D
Acq: 18 Dec 2019 21:54

Tgt Ion:264 Resp: 240084

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	20.6	16.8	25.2