Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116980.D
Acq On : 12 Sep 2019 7:20
Operator : HP/JU
Sample : K4764-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 08:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73490	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	306997	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	165479	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	281079	20.00	ng		0.00
76) Chrysene-d12	13.97	240	173334	20.00	ng		0.00
87) Perylene-d12	15.42	264	176607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	518940	114.40	ng		0.00
7) Phenol-d6	6.46	99	719496	120.79	ng		0.00
23) Nitrobenzene-d5	7.39	82	442539	82.29	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	155712	140.76	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	764111	77.89	ng		0.00
79) Terphenyl-d14	12.92	244	754468	80.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	13619	3.470	ng		82
19) n-Nitroso-di-n-propylamine	7.39	70	59196	15.093	ng	#	74
25) Isophorone	7.39	82	442535	40.611	ng	#	66
50) Dimethylphthalate	9.57	163	49167	4.304	ng		97
51) 2,6-Dinitrotoluene	9.86	165	20761	9.525	ng	#	26
57) 2,4-Dinitrotoluene	9.86	165	20761	7.789	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.64	198	320	7.712	ng	#	1
67) 4-Bromophenyl-phenylether	10.65	248	10075	3.528	ng	#	1

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

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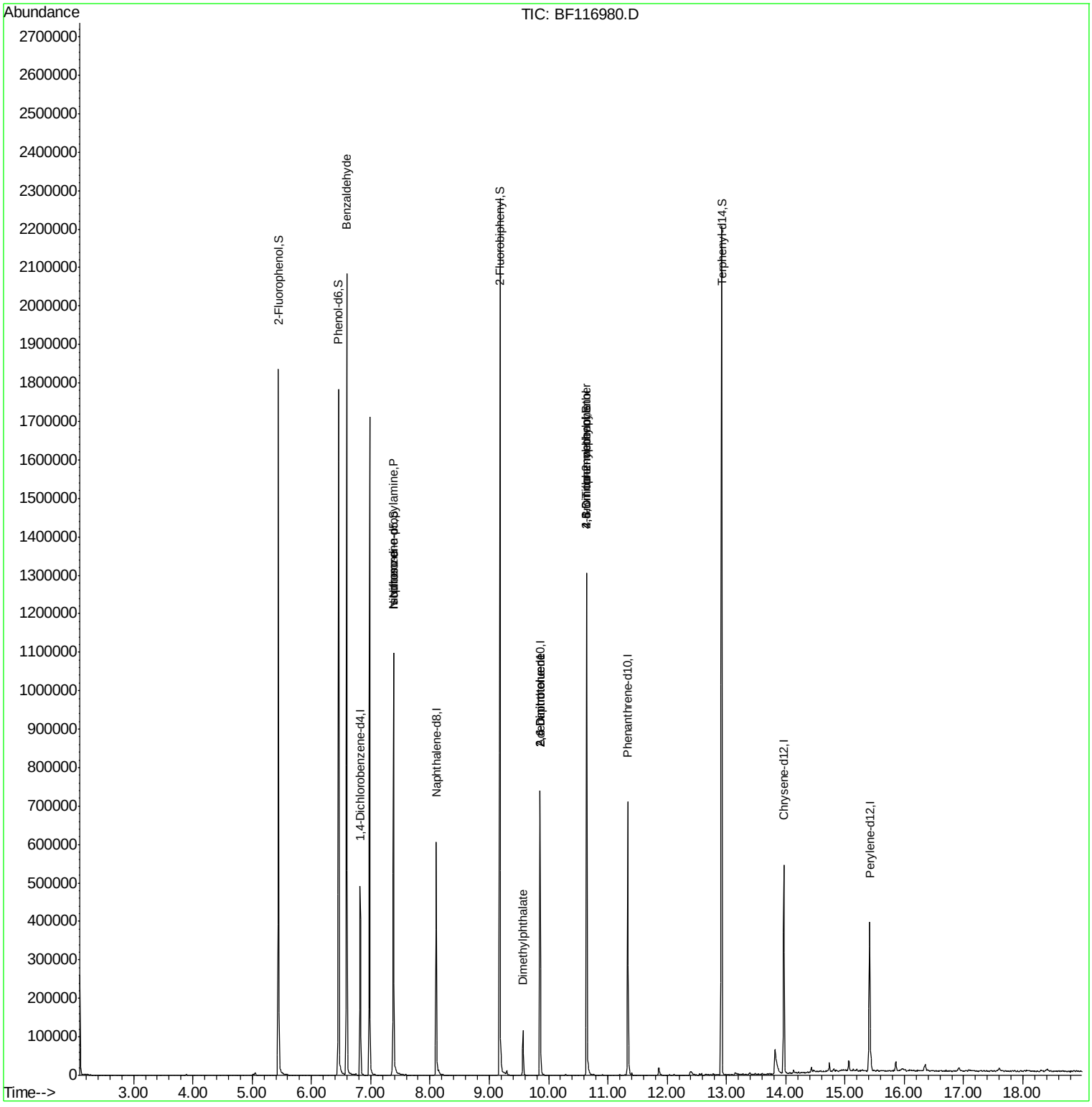
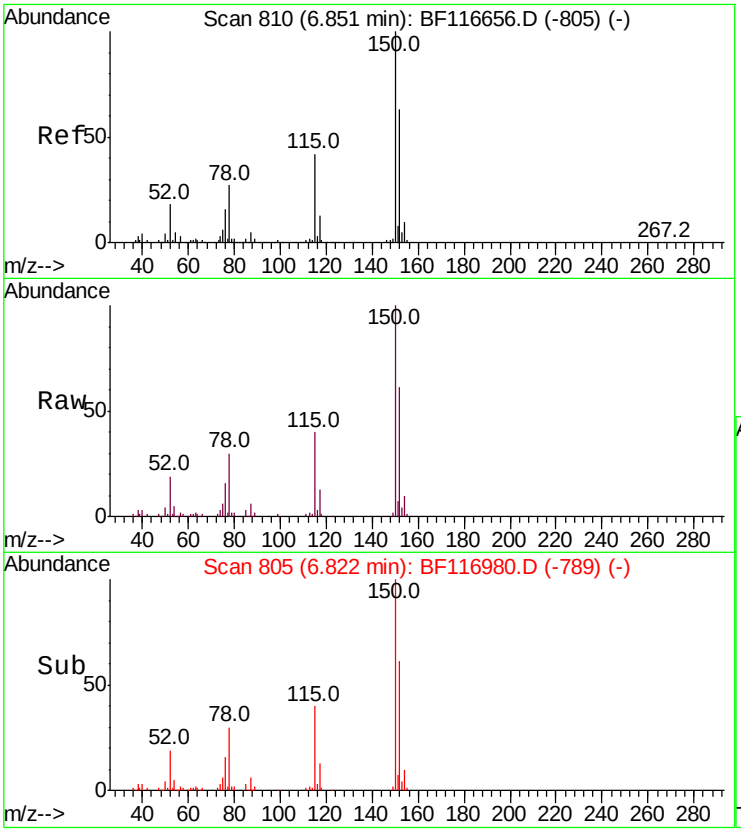


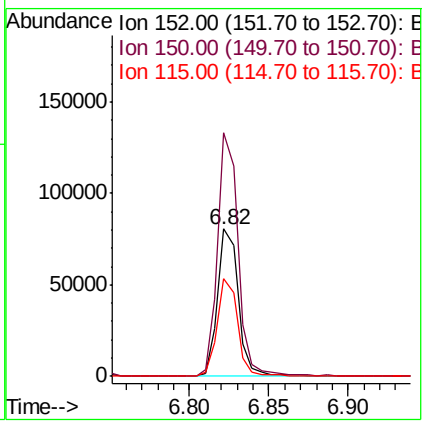


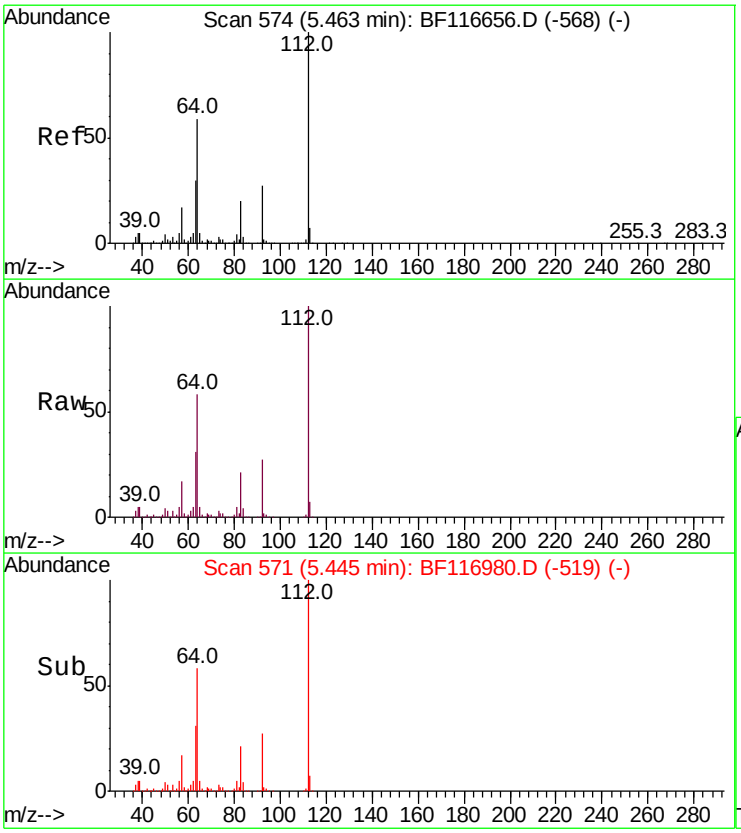
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73490

Ion	Ratio	Lower	Upper
152	100		
150	165.1	126.2	189.2
115	66.6	50.2	75.2

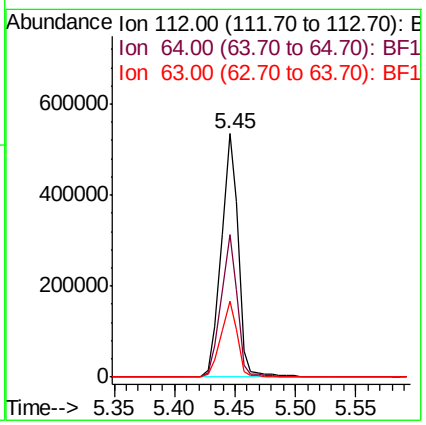


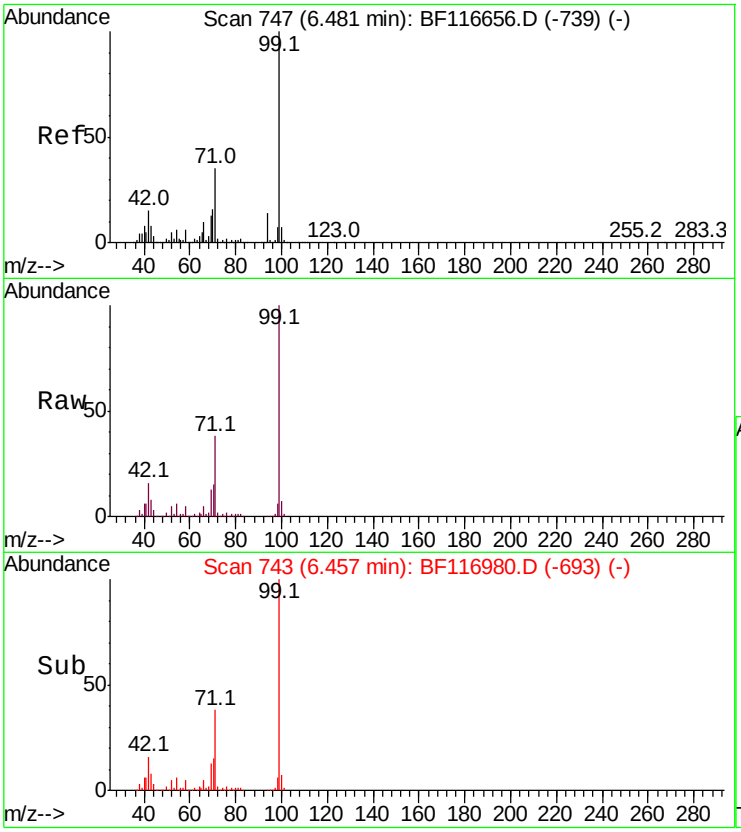


#5
2-Fluorophenol
Concen: 114.398 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:112 Resp: 518940

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	31.1	25.4	38.0



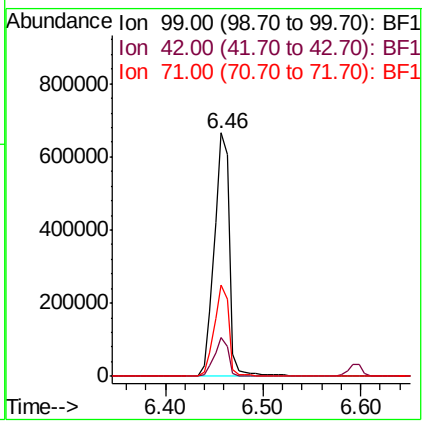


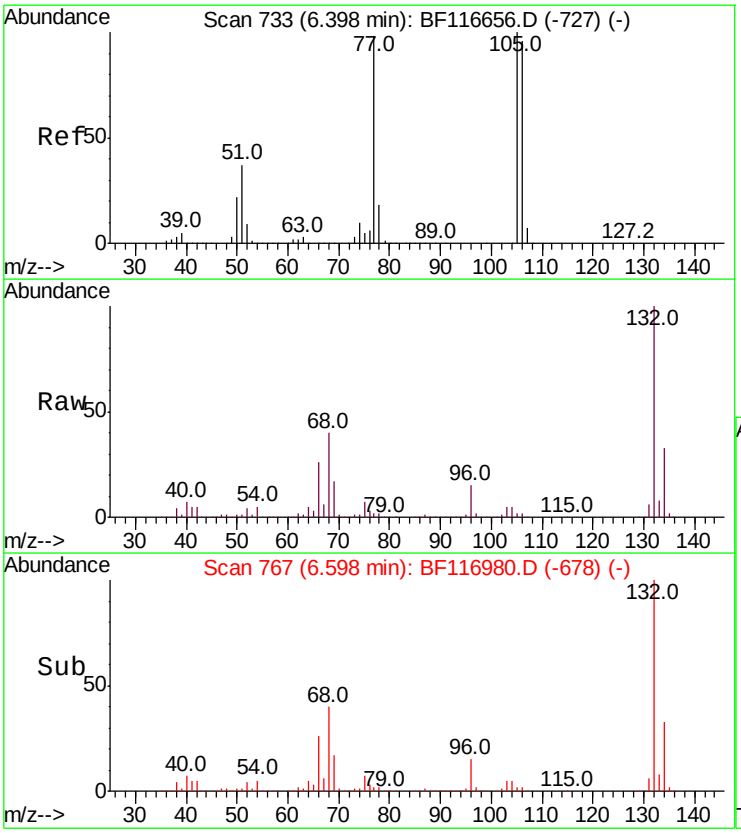
#7
Phenol-d6
Concen: 120.790 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 719496

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.0	18.0
71	37.6	29.7	44.5

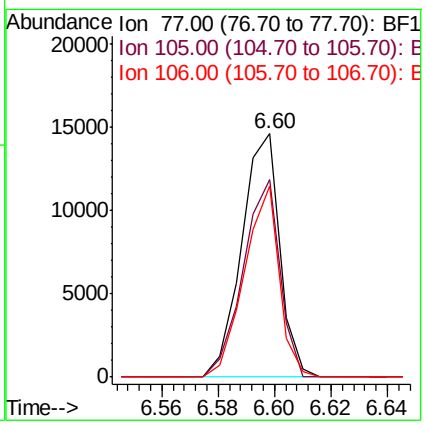


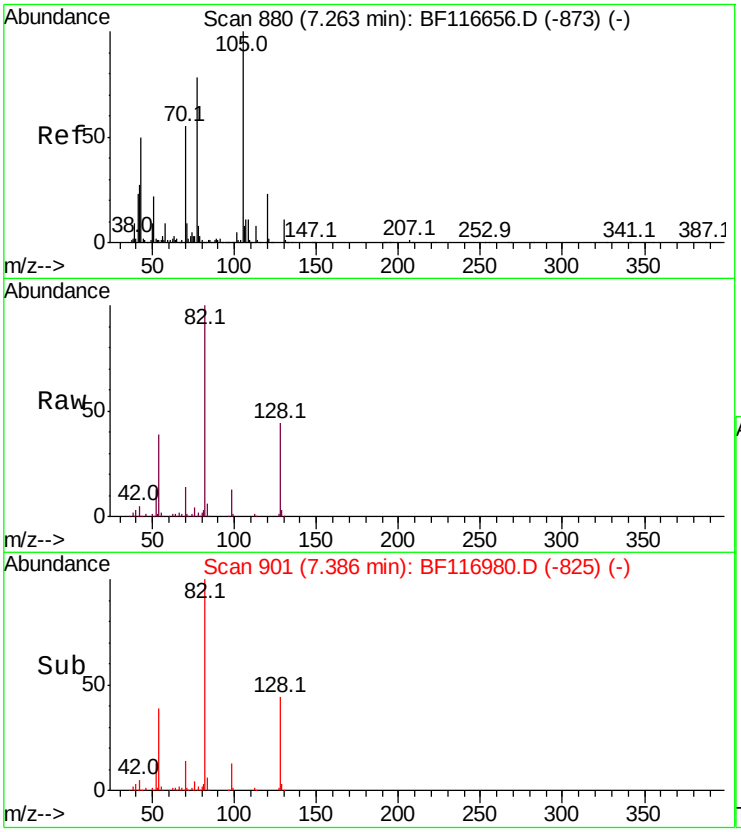


#9
Benzaldehyde
Concen: 3.470 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.22 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion: 77 Resp: 13619

Ion	Ratio	Lower	Upper
77	100		
105	81.1	79.3	119.3
106	78.5	75.1	115.1



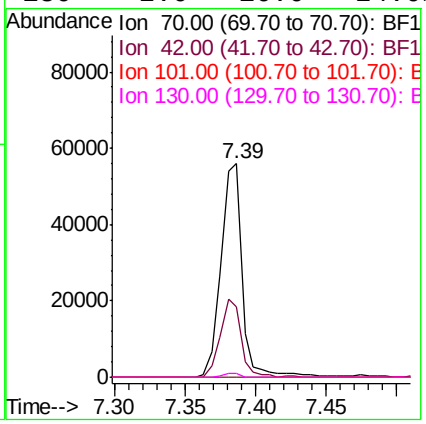


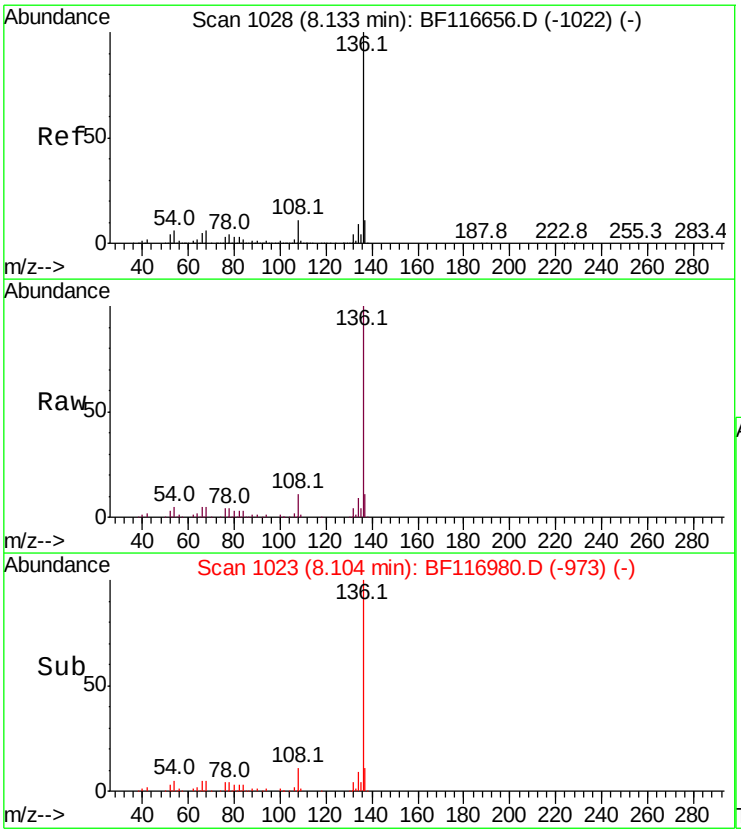
#19
n-Nitroso-di-n-propylamine
Concen: 15.093 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59196

Ion	Ratio	Lower	Upper
70	100		
42	33.1	37.0	55.4#
101	0.0	7.4	11.2#
130	2.0	16.0	24.0#

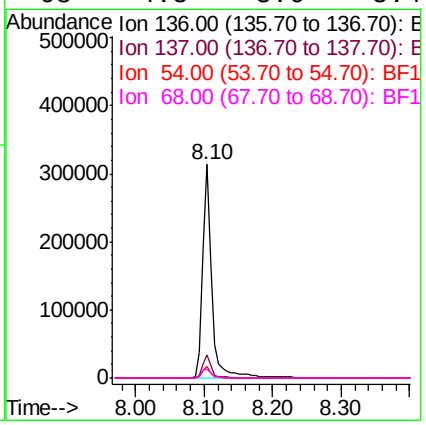


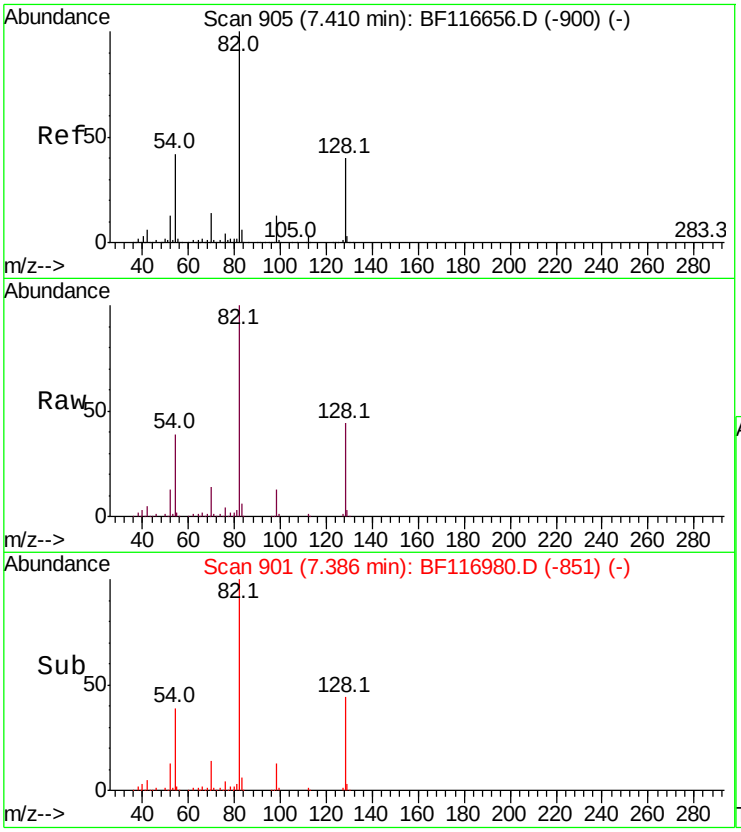


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:136 Resp: 306997

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	5.3	3.8	5.8
68	4.5	3.6	5.4



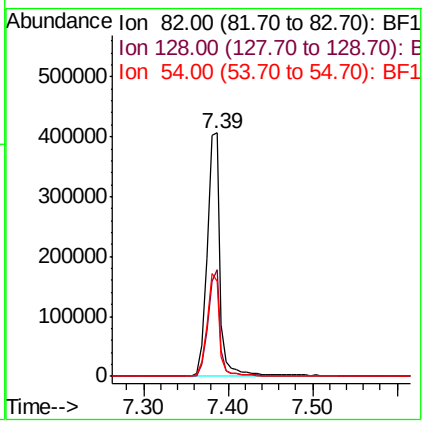


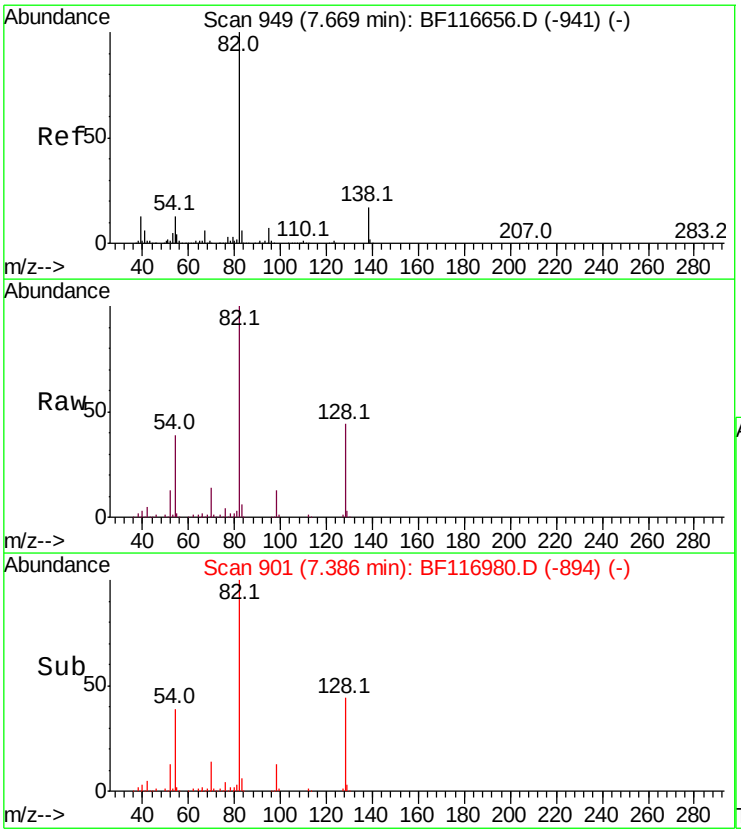
#23
Nitrobenzene-d5
Concen: 82.292 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 442539

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.4
54	39.3	32.6	48.8

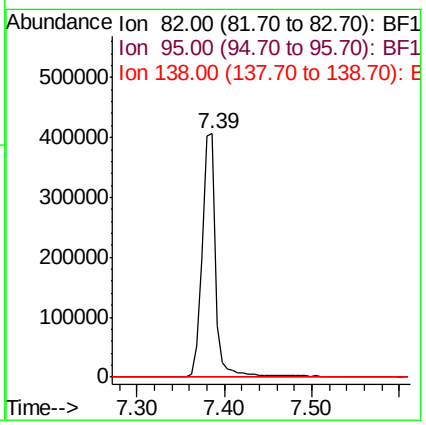


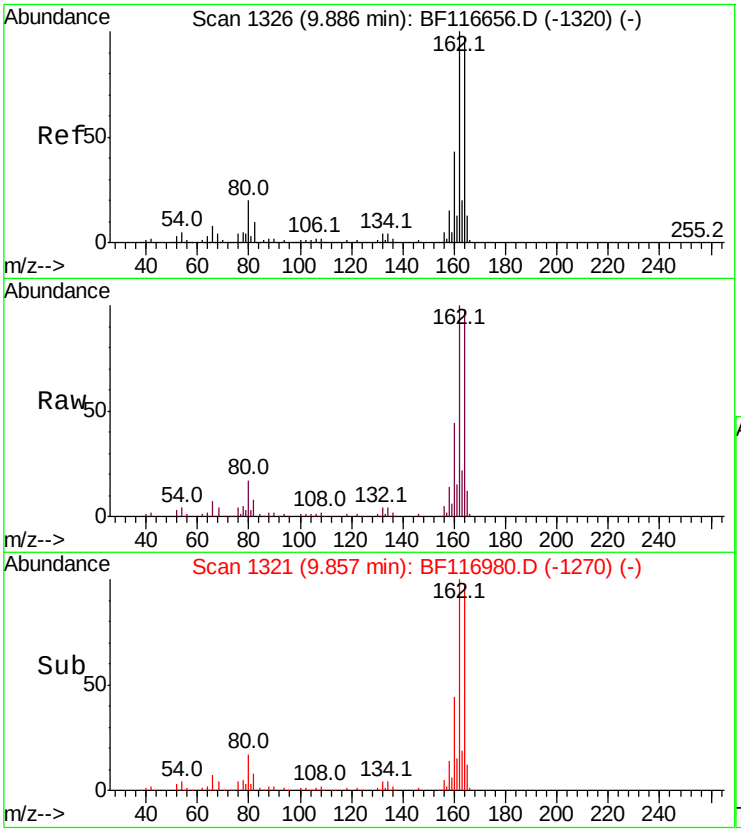


#25
Isophorone
Concen: 40.611 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion: 82 Resp: 442535

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.2#



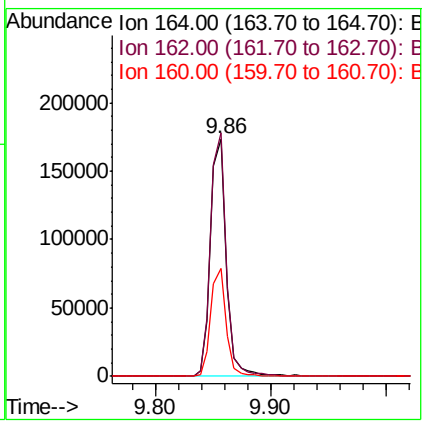


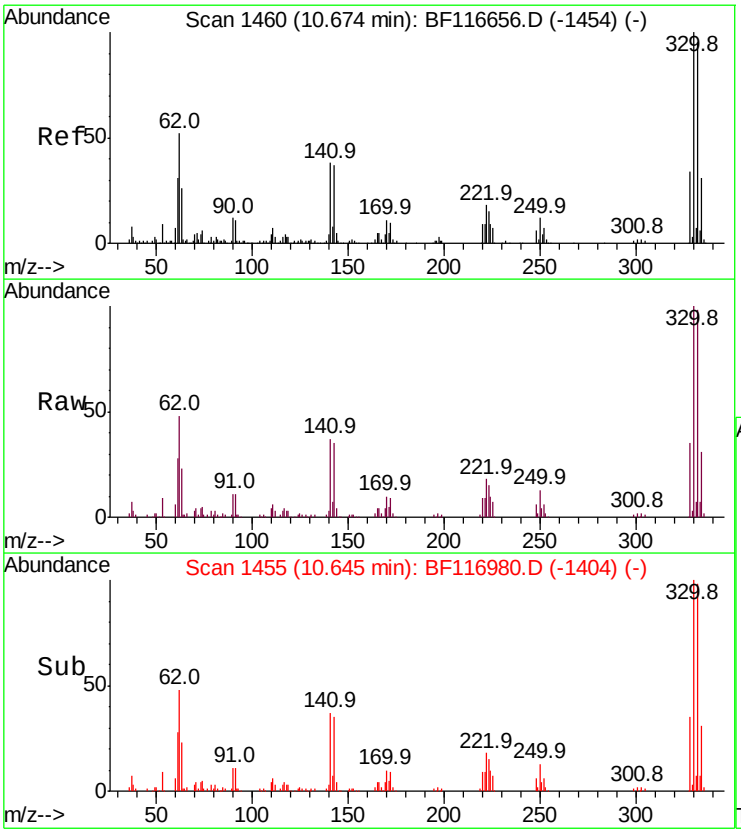
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 165479

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	45.6	35.7	53.5

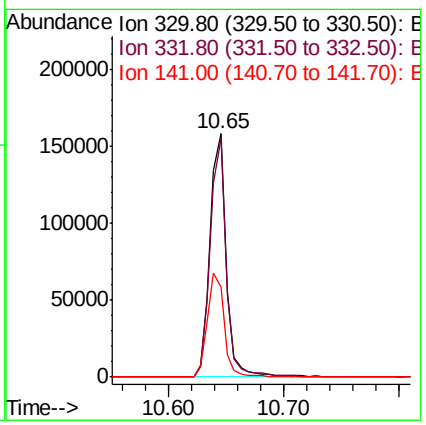


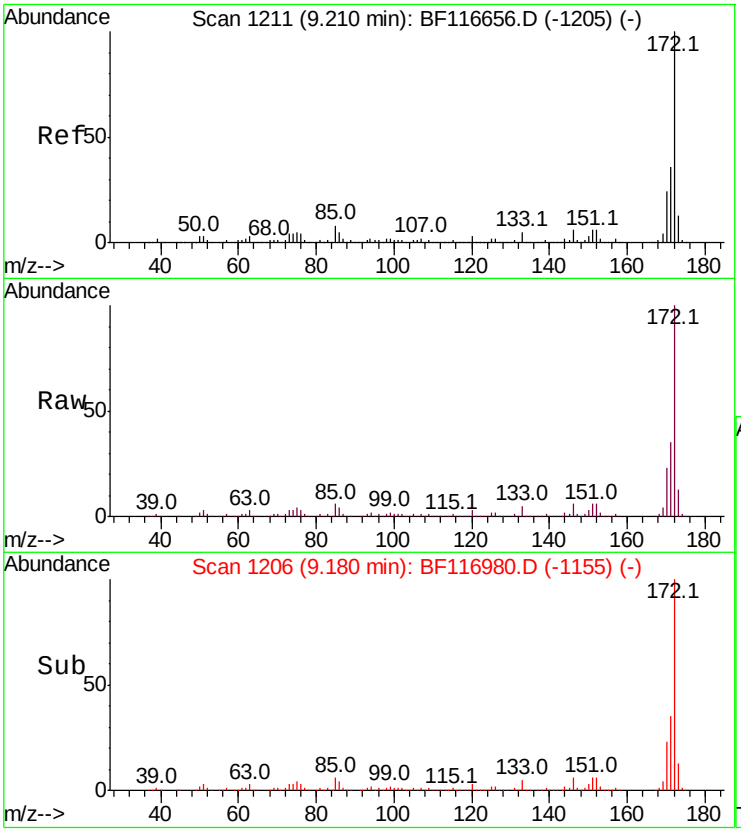


#42
2,4,6-Tribromophenol
Concen: 140.755 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:330 Resp: 155712

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.9	113.9
141	44.3	35.6	53.4



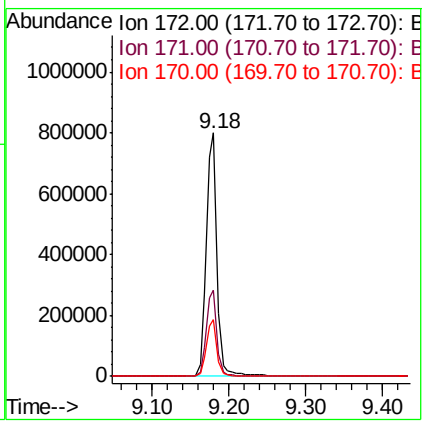


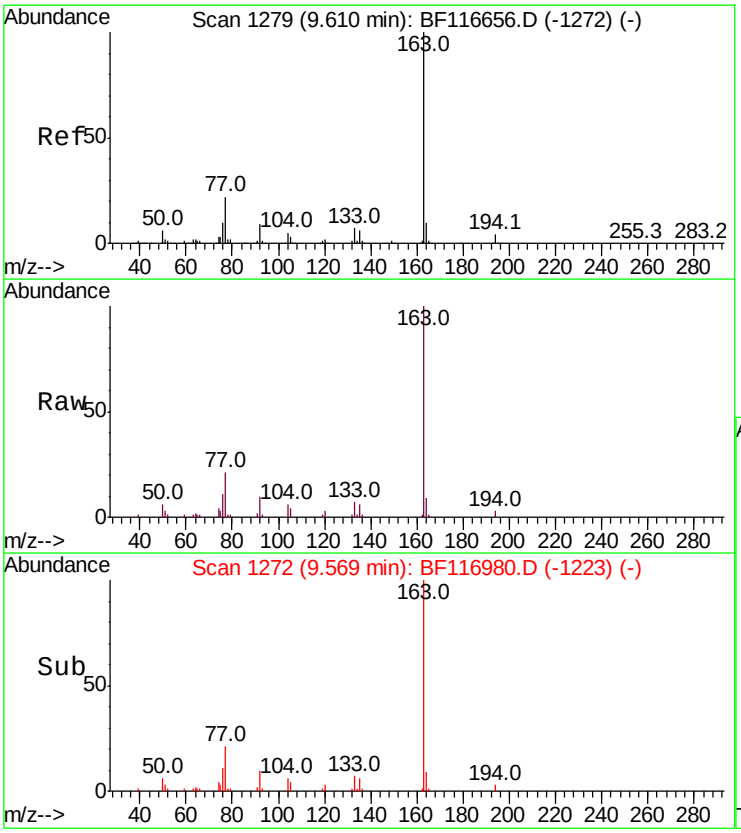
#45
2-Fluorobiphenyl
Concen: 77.894 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 764111

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.1	43.7
170	23.3	19.2	28.8

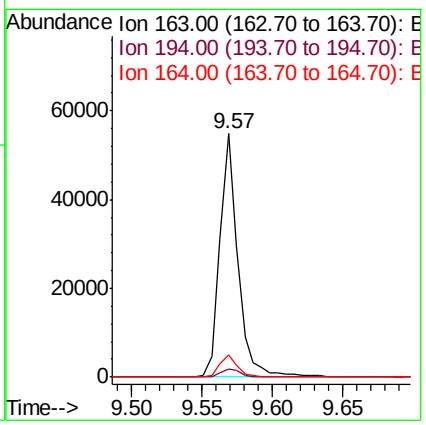


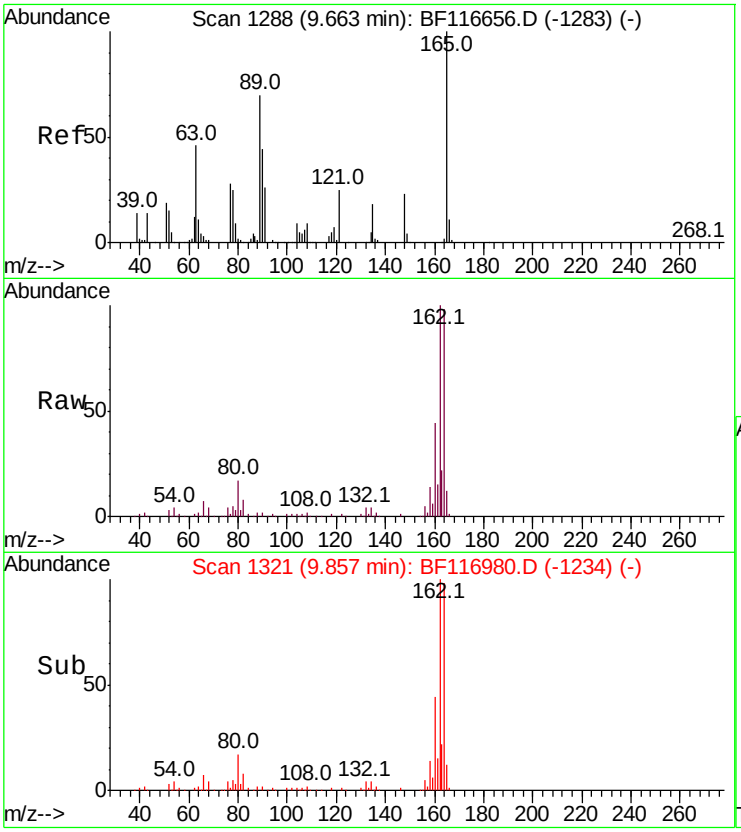


#50
Dimethylphthalate
Concen: 4.304 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:163 Resp: 49167

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.0	8.2	12.4



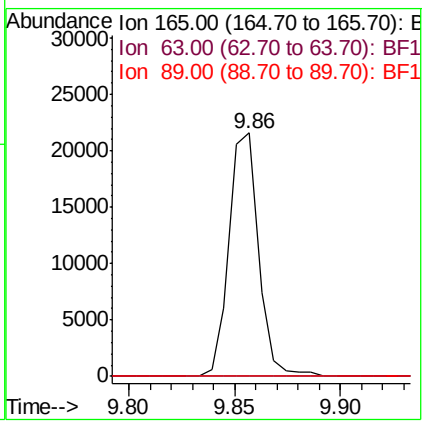


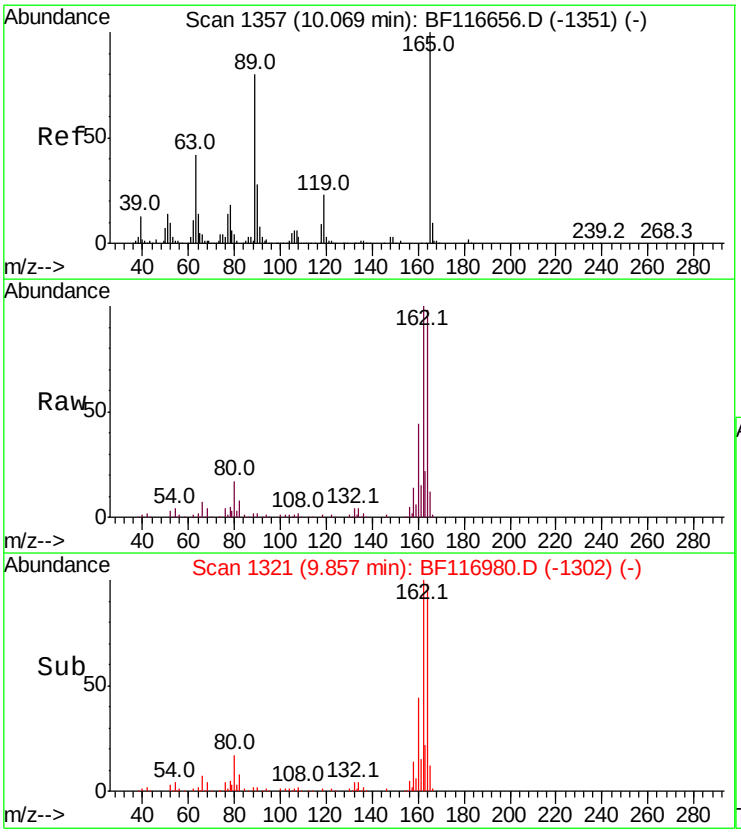
#51
2,6-Dinitrotoluene
Concen: 9.525 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.21 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20761

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.0	57.0#
89	0.0	44.1	66.1#

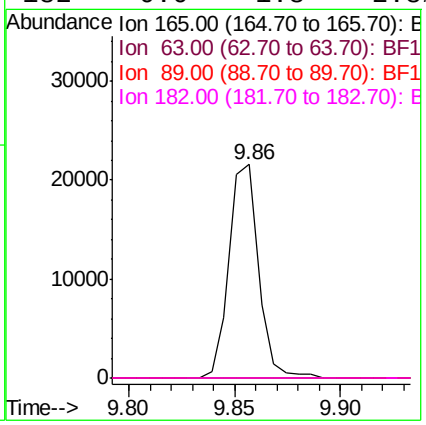


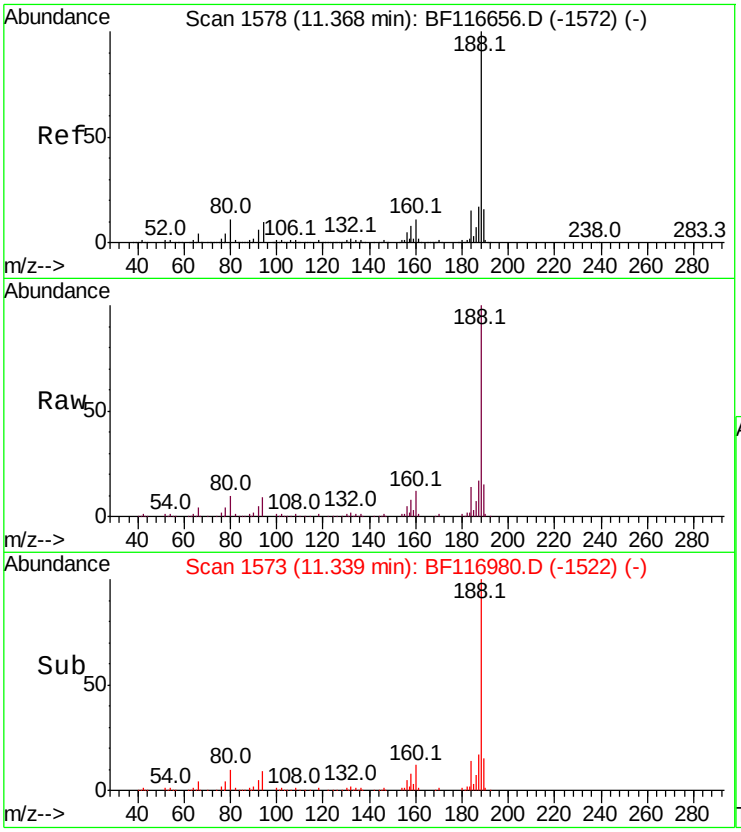


#57
2,4-Dinitrotoluene
Concen: 7.789 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:165 Resp: 20761

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	0.0	66.1	99.1#
182	0.0	1.8	2.8#



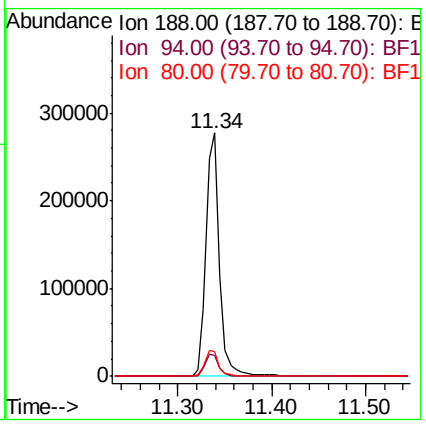


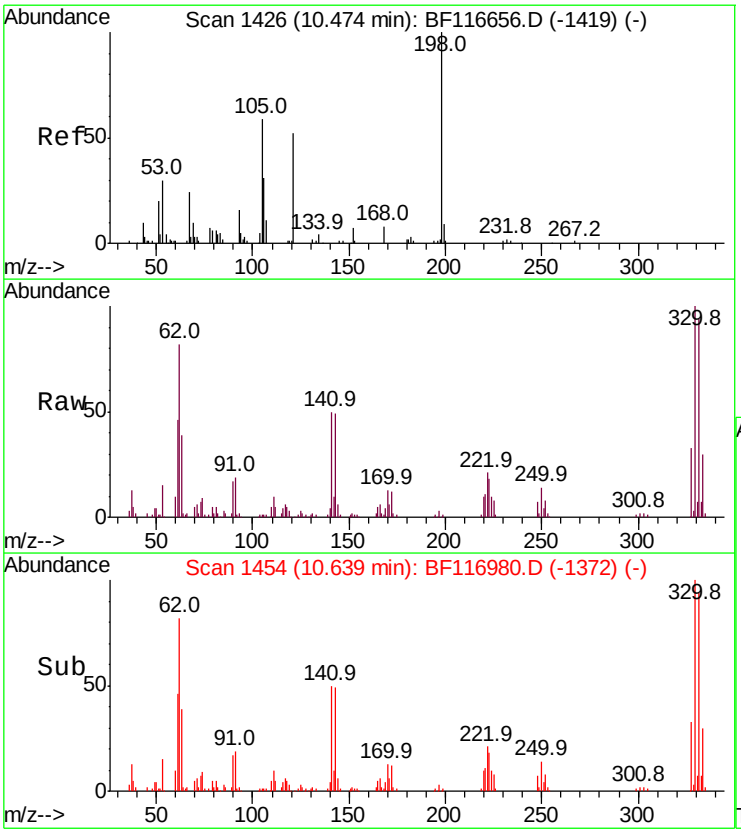
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 281079

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	10.2	8.5	12.7

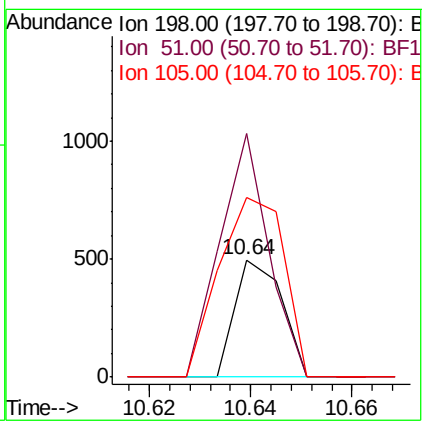


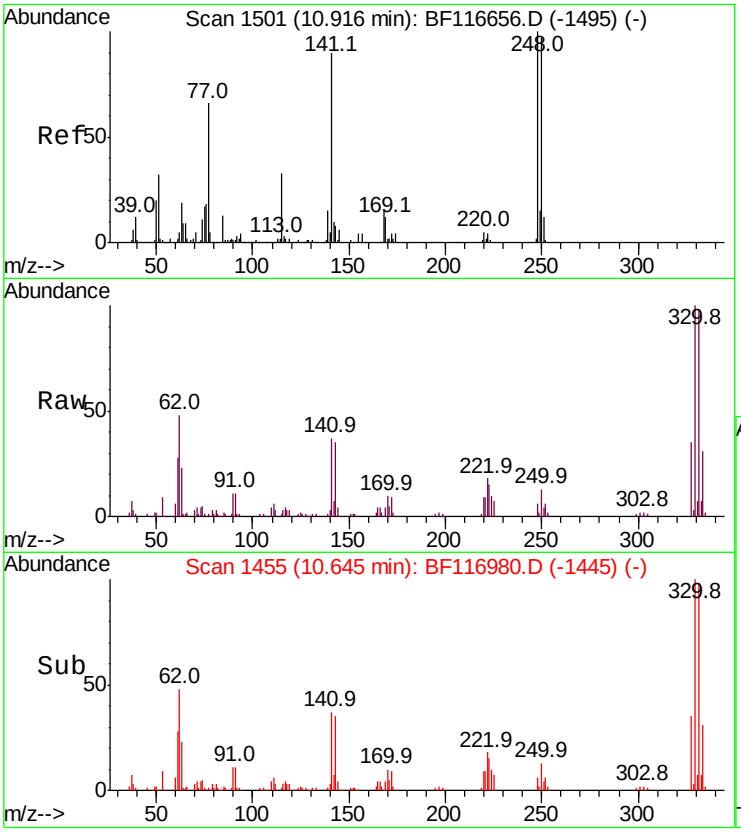


#65
4,6-Dinitro-2-methylphenol
Concen: 7.712 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:198 Resp: 320

Ion	Ratio	Lower	Upper
198	100		
51	207.2	26.3	66.3#
105	152.6	40.0	80.0#



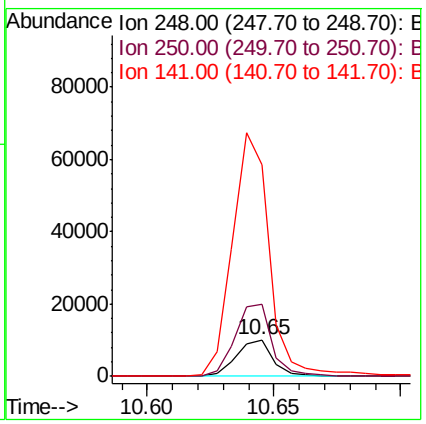


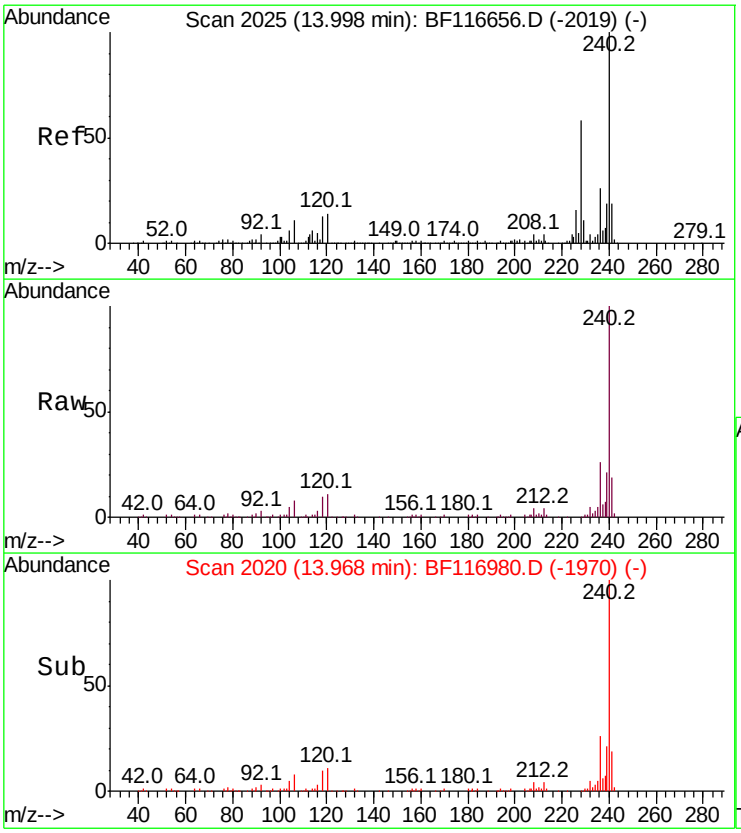
#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10075

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.0	115.4#
141	578.6	70.2	105.2#

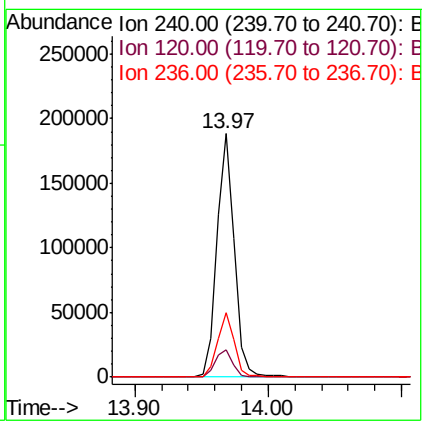


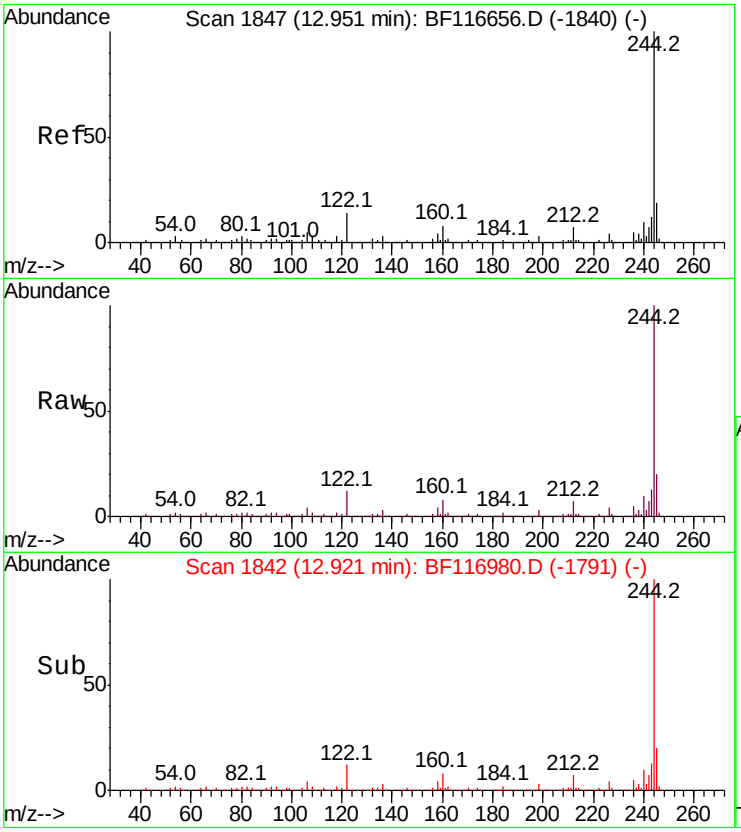


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:240 Resp: 173334

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.1	13.7
236	26.4	20.9	31.3



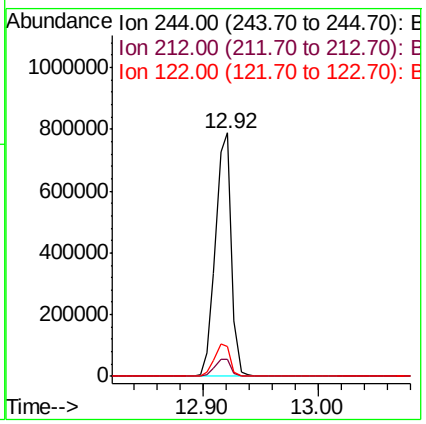


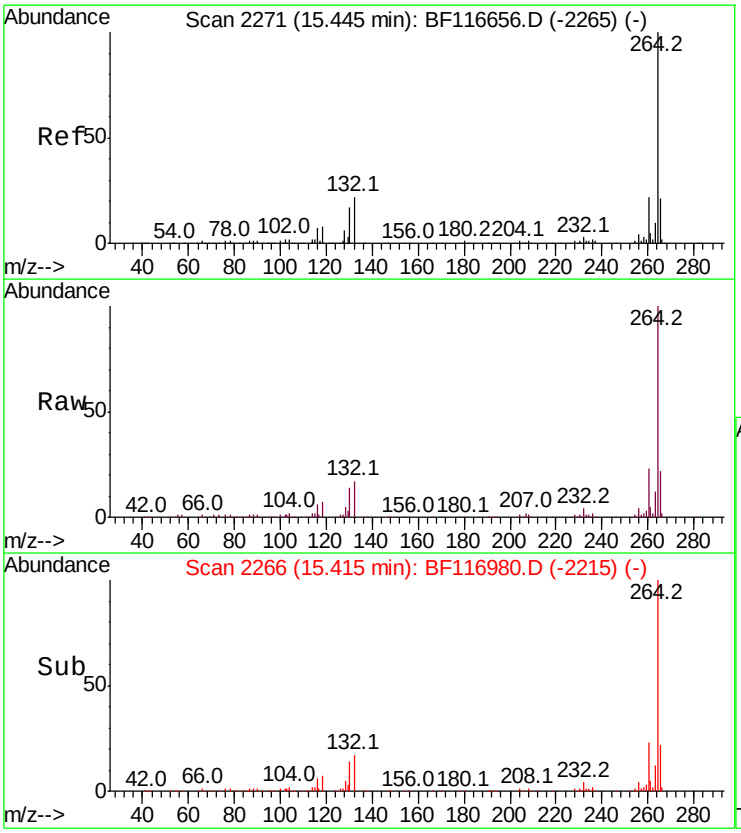
#79
Terphenyl-d14
Concen: 80.522 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 754468

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.1	11.5	17.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion:264 Resp: 176607

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.7	17.9	26.9