Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117620.D
Acq On : 30 Oct 2019 13:19
Operator : JU
Sample : K5539-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 01:23:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39157	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	152701	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	75492	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	112032	20.00	ng		0.00
76) Chrysene-d12	13.89	240	78803	20.00	ng		0.00
87) Perylene-d12	15.33	264	78065	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	242518	92.14	ng		0.00
7) Phenol-d6	6.39	99	333493	94.34	ng		0.00
23) Nitrobenzene-d5	7.29	82	202354	65.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	54112	82.84	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	290692	54.26	ng		-0.01
79) Terphenyl-d14	12.83	244	217947	45.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	355	Below Cal		#	3
10) Phenol	6.40	94	10683	2.961	ng		89
19) n-Nitroso-di-n-propylamine	7.29	70	26163	12.118	ng	#	79
25) Isophorone	7.29	82	202353	37.817	ng	#	65
50) Dimethylphthalate	9.49	163	25365	4.713	ng		98
51) 2,6-Dinitrotoluene	9.76	165	9211	8.202	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	9211	6.169	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	3451	2.860	ng	#	1
77) Benzidine	12.83	184	3044	Below Cal		#	96

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

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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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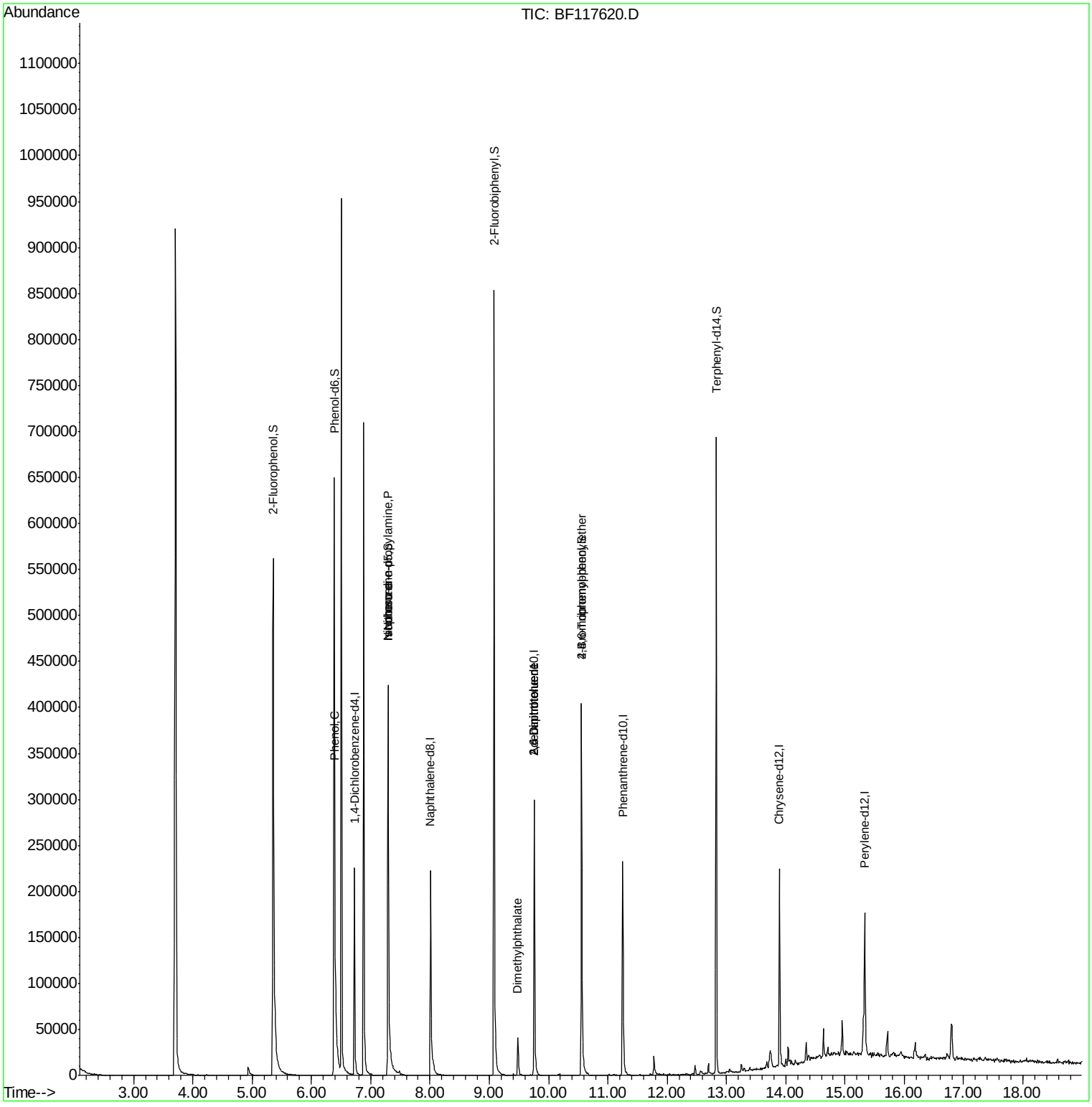
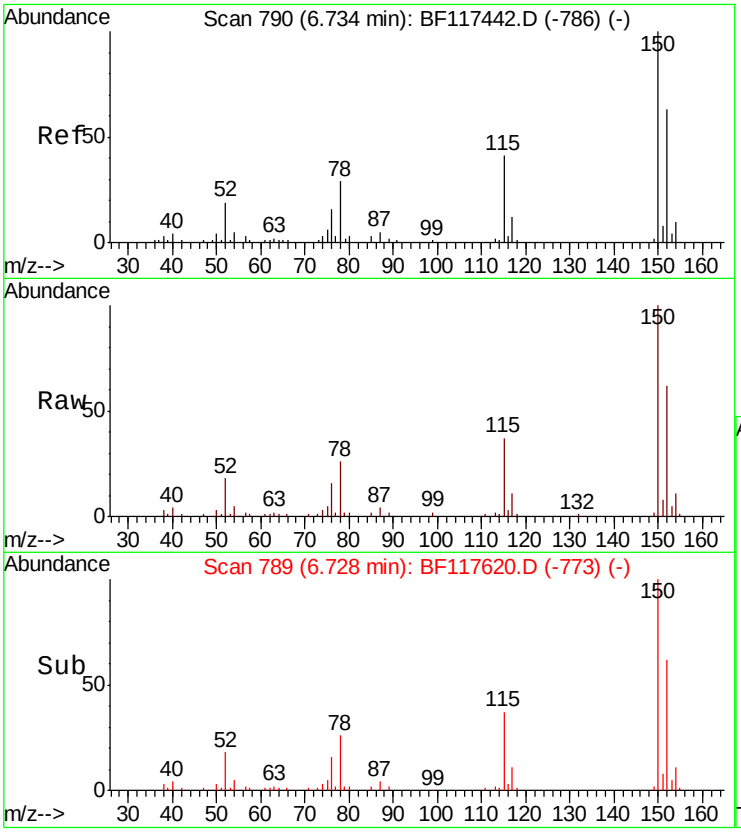


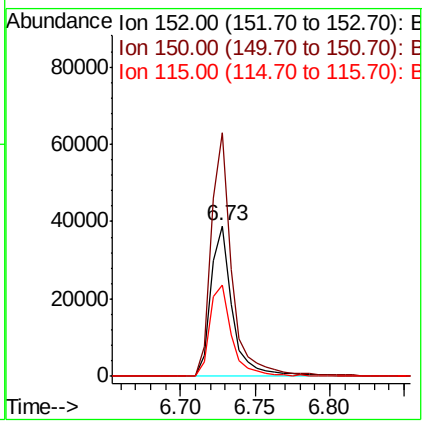


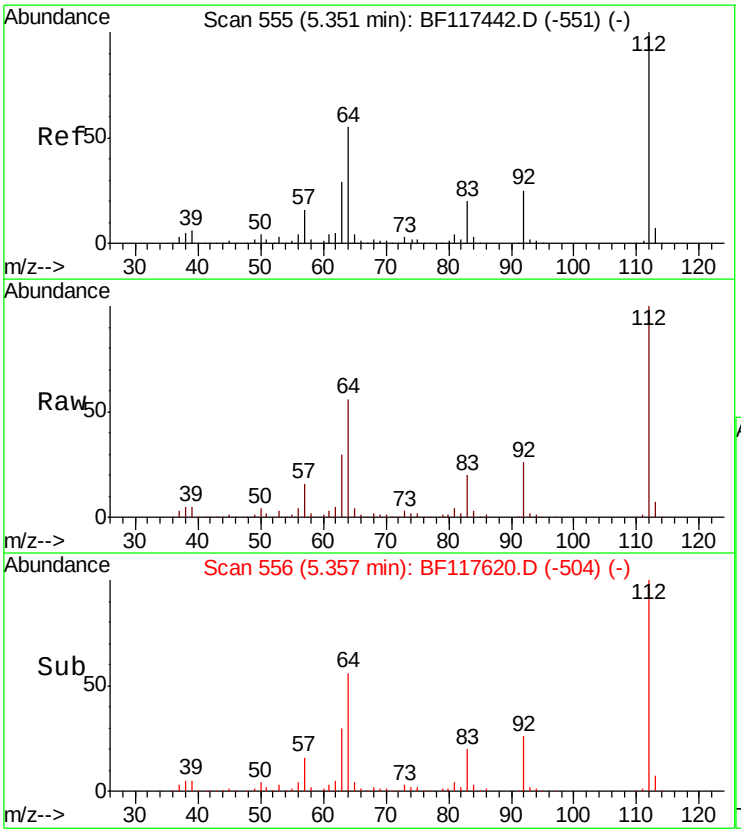
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39157

Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.8	190.2
115	60.3	51.6	77.4

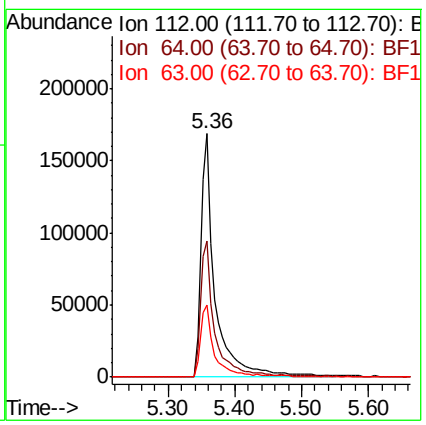


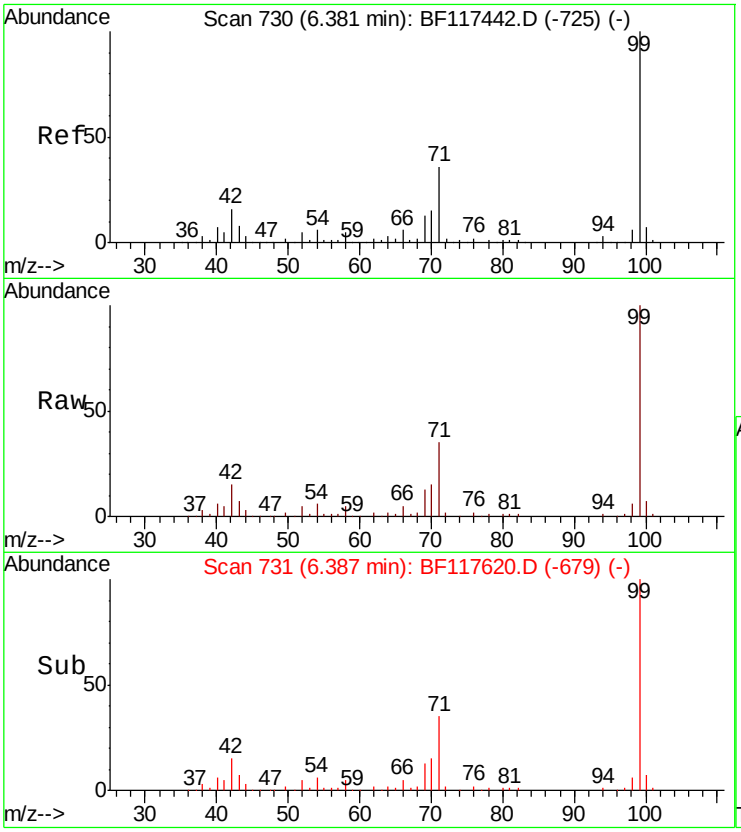


#5
2-Fluorophenol
Concen: 92.141 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:112 Resp: 242518

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	29.7	23.4	35.2



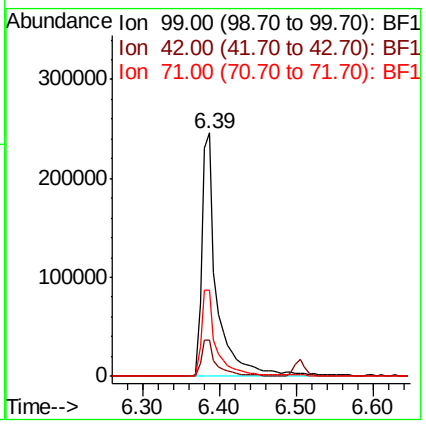


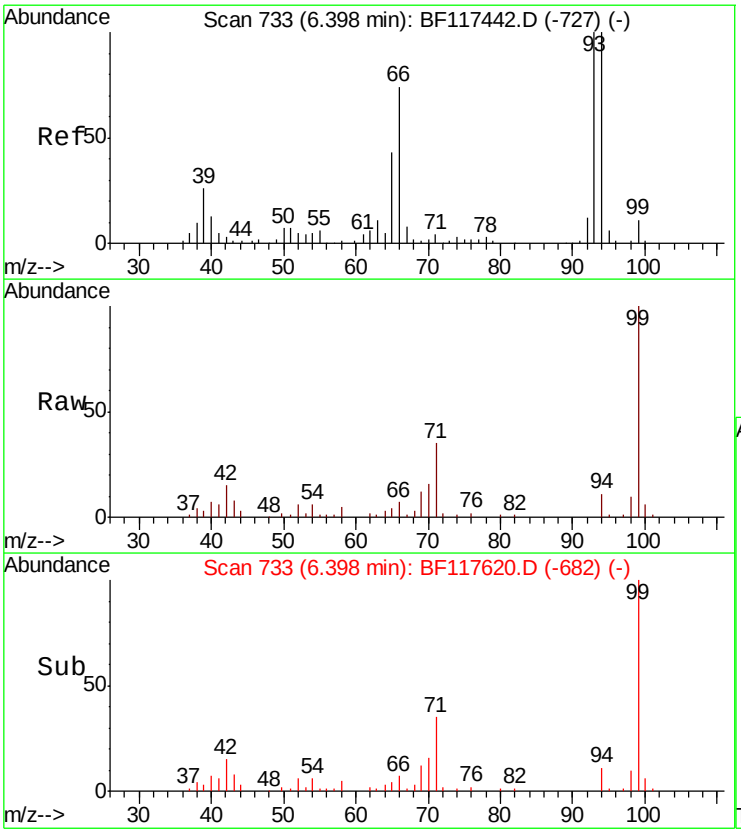
#7
Phenol-d6
Concen: 94.337 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 333493

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	35.2	28.6	43.0

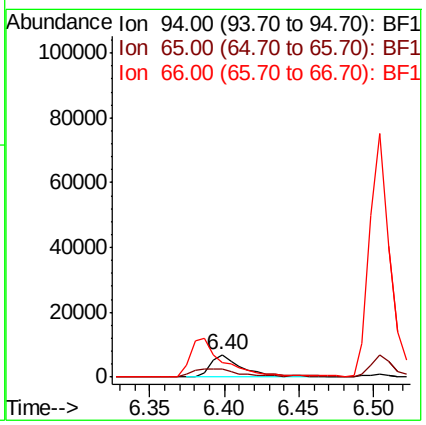


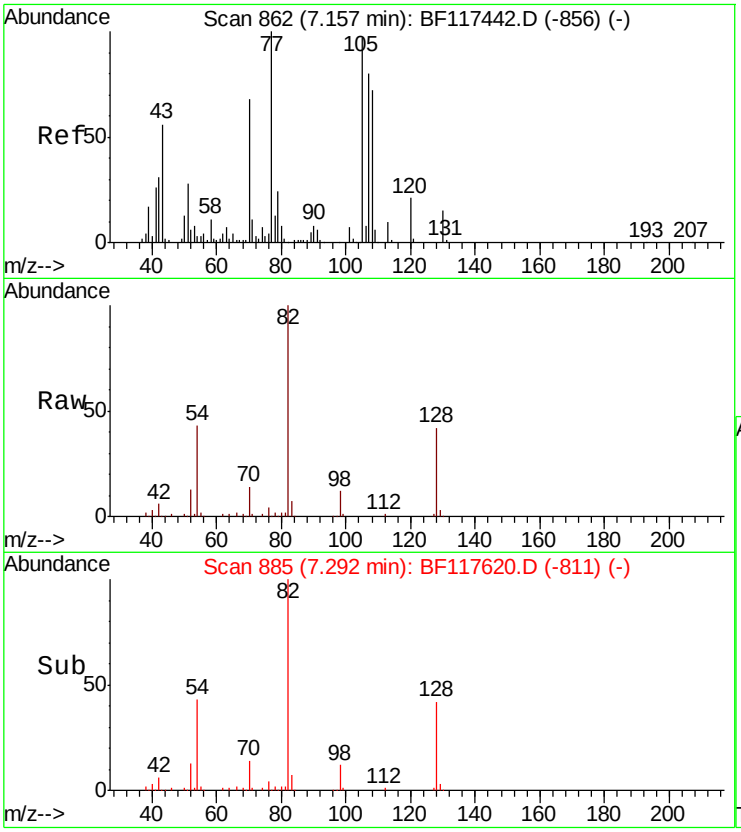


#10
Phenol
Concen: 2.961 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion: 94 Resp: 10683

Ion	Ratio	Lower	Upper
94	100		
65	33.9	23.4	63.4
66	67.1	54.7	94.7



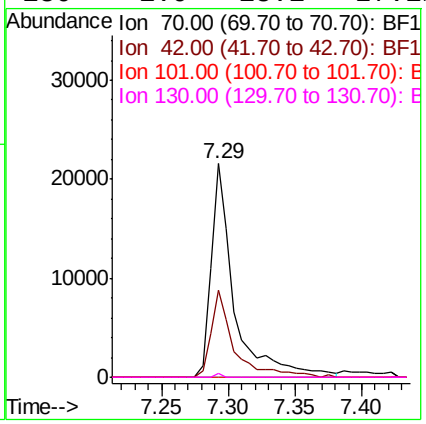


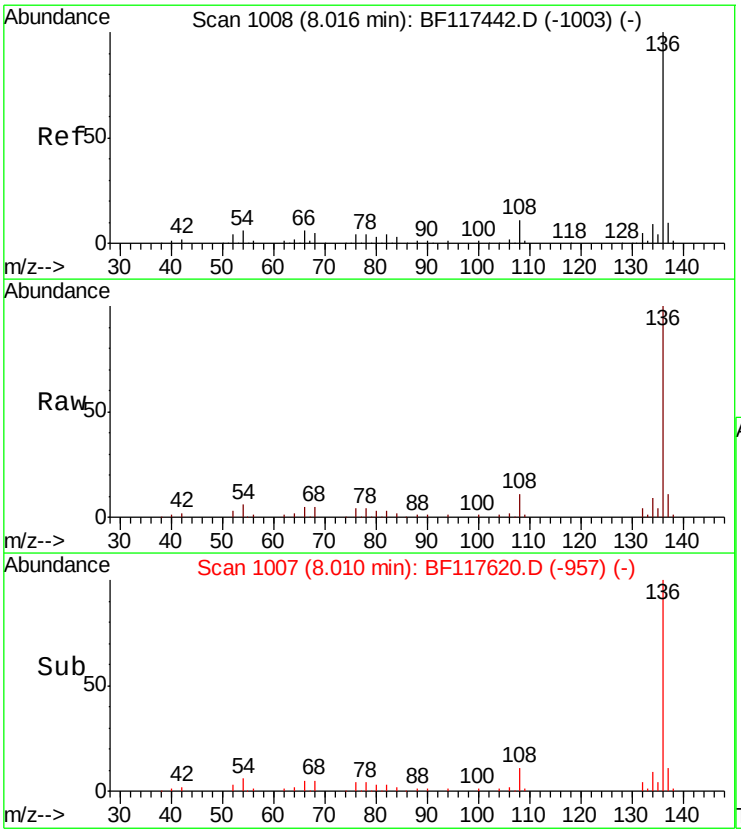
#19
n-Nitroso-di-n-propylamine
Concen: 12.118 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26163

Ion	Ratio	Lower	Upper
70	100		
42	40.7	36.7	55.1
101	0.0	8.3	12.5#
130	1.9	18.1	27.1#

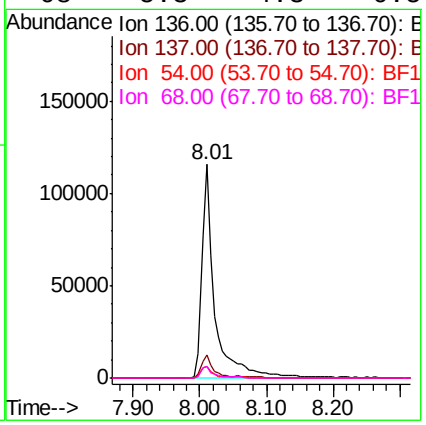


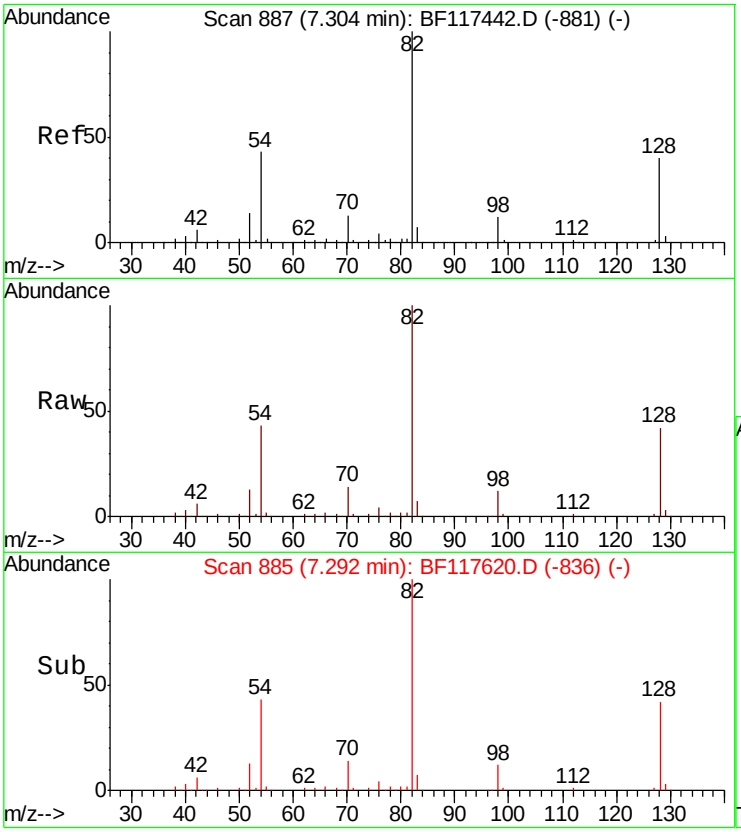


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:136 Resp: 152701

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.6	4.5	6.7
68	5.3	4.3	6.5



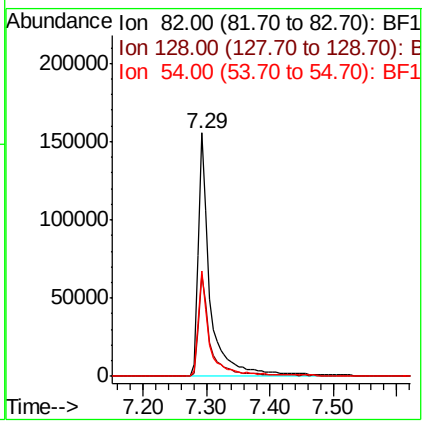


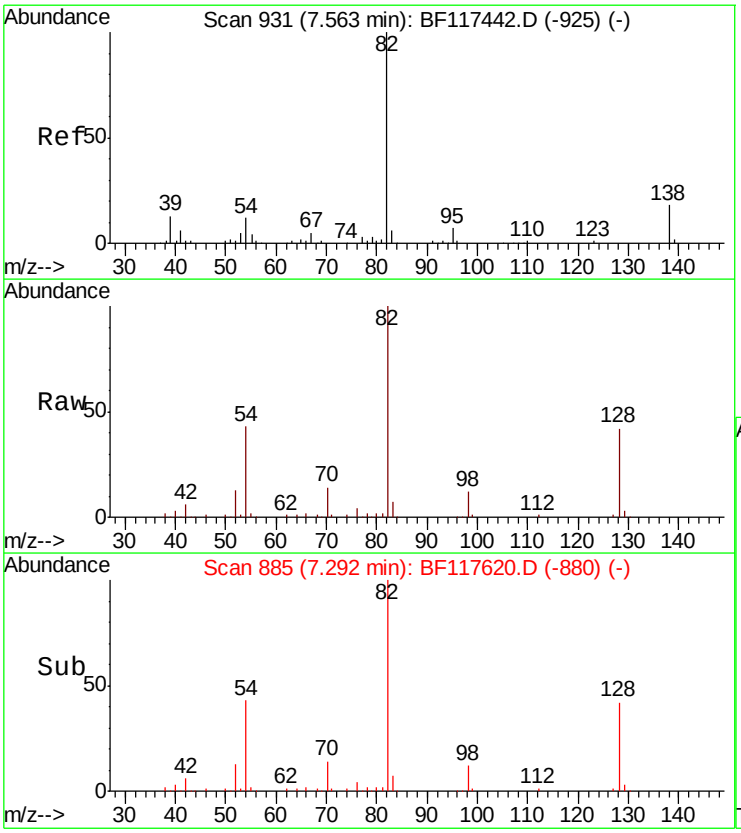
#23
Nitrobenzene-d5
Concen: 65.421 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 202354

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.2
54	43.0	34.2	51.2

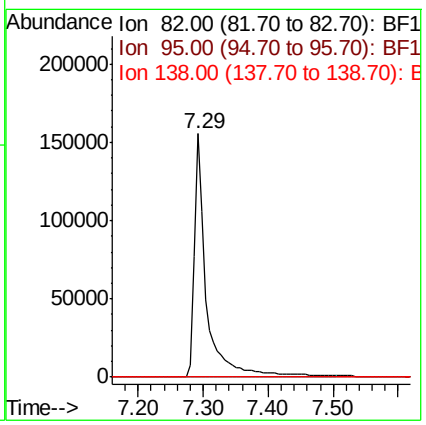


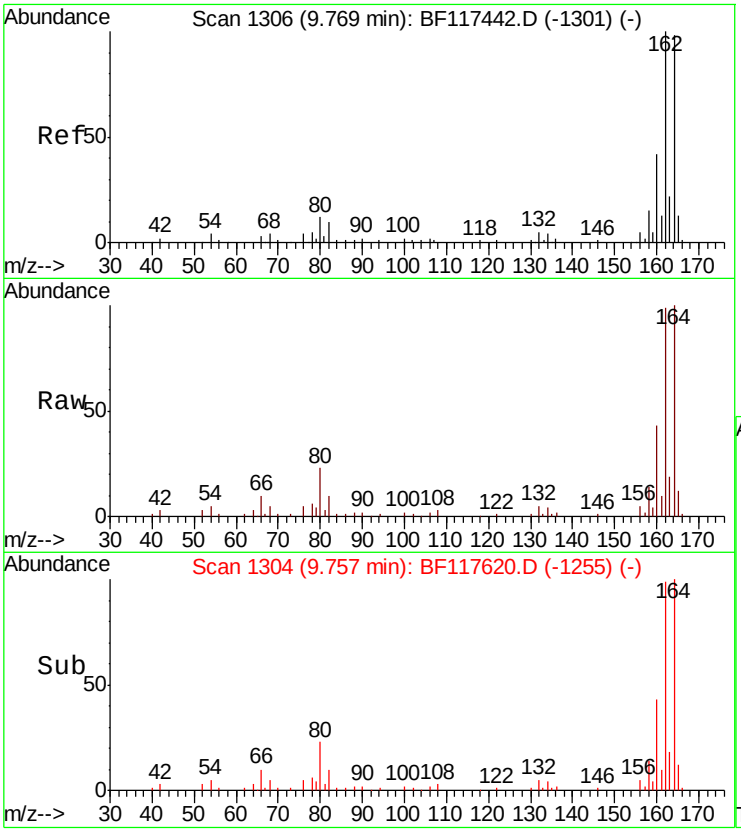


#25
Isophorone
Concen: 37.817 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion: 82 Resp: 202353

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



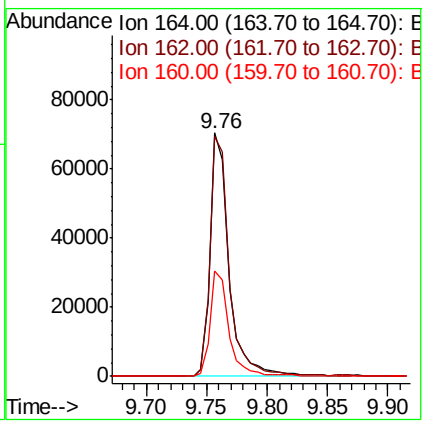


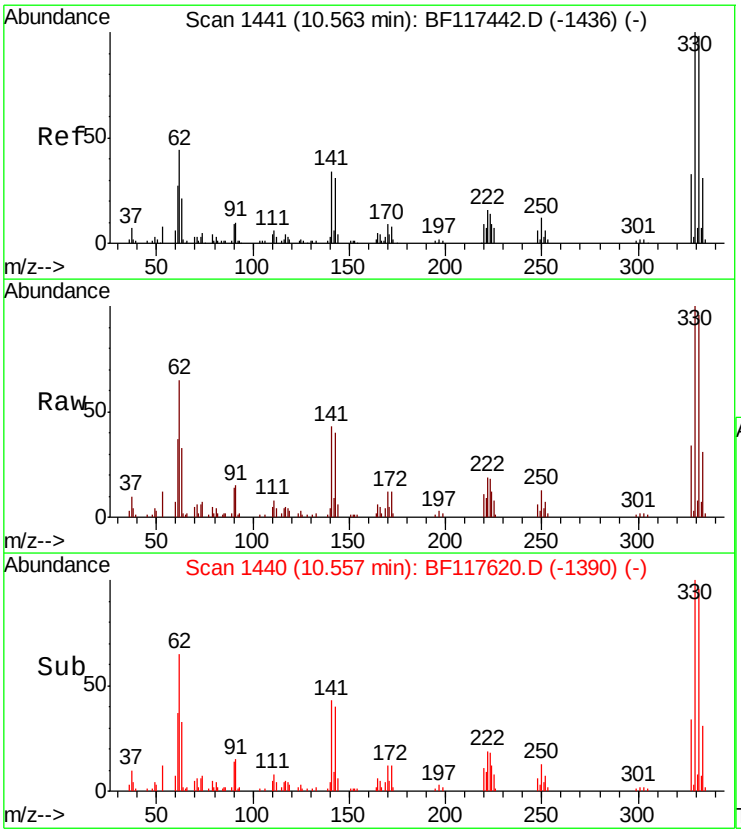
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 75492

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.8	122.6
160	43.4	34.4	51.6

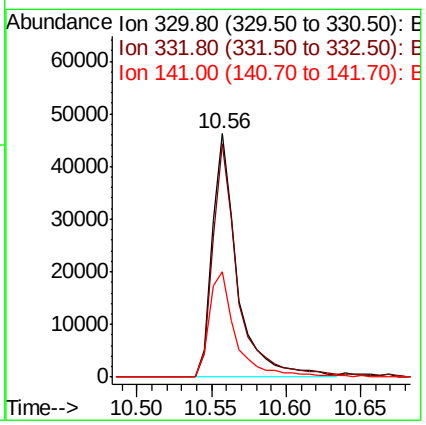


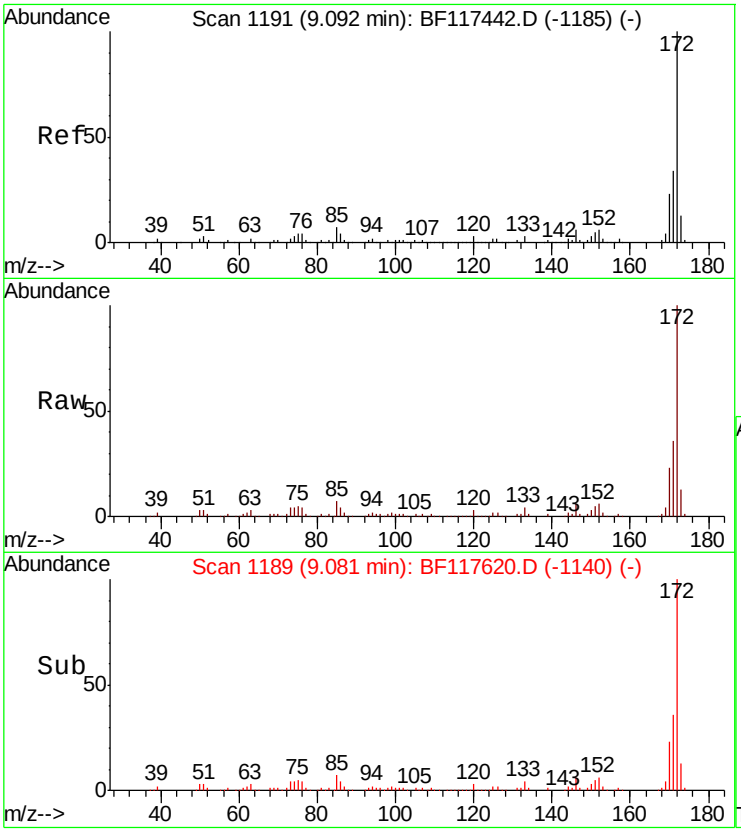


#42
2,4,6-Tribromophenol
Concen: 82.841 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:330 Resp: 54112

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	45.9	37.0	55.6



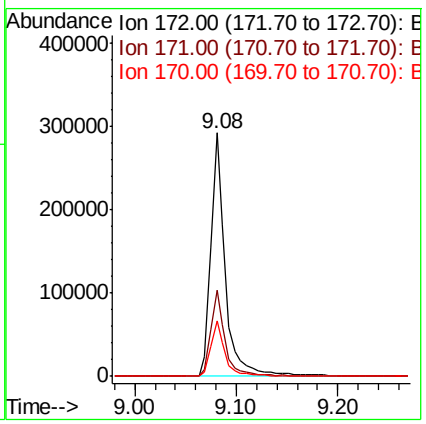


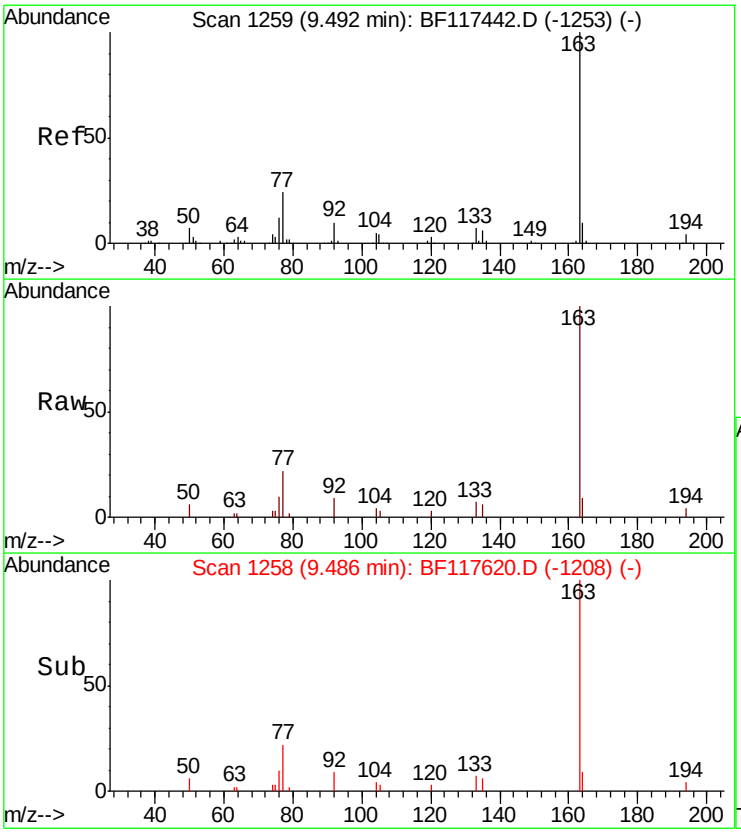
#45
2-Fluorobiphenyl
Concen: 54.255 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 290692

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.5	41.3
170	22.9	18.6	27.8

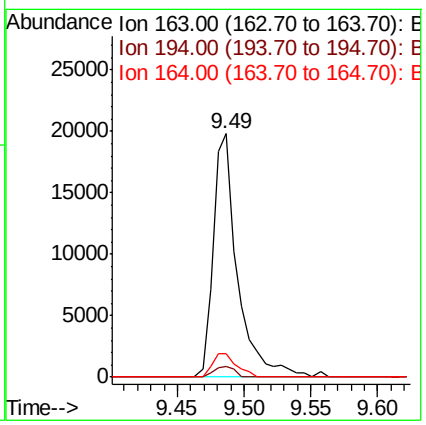


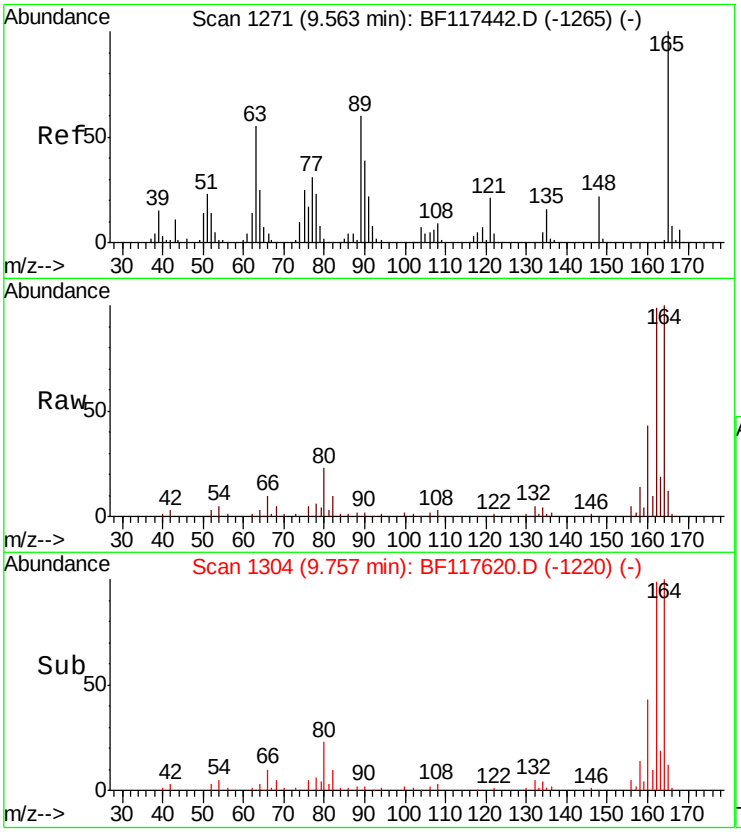


#50
Dimethylphthalate
Concen: 4.713 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:163 Resp: 25365

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	9.5	8.2	12.2



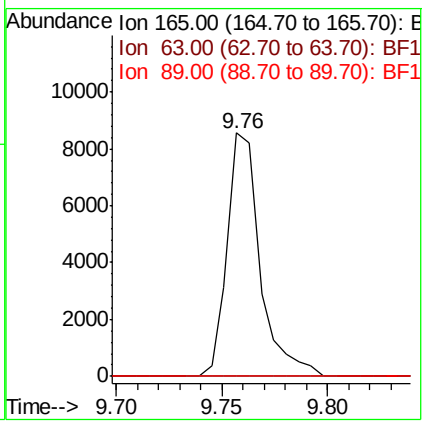


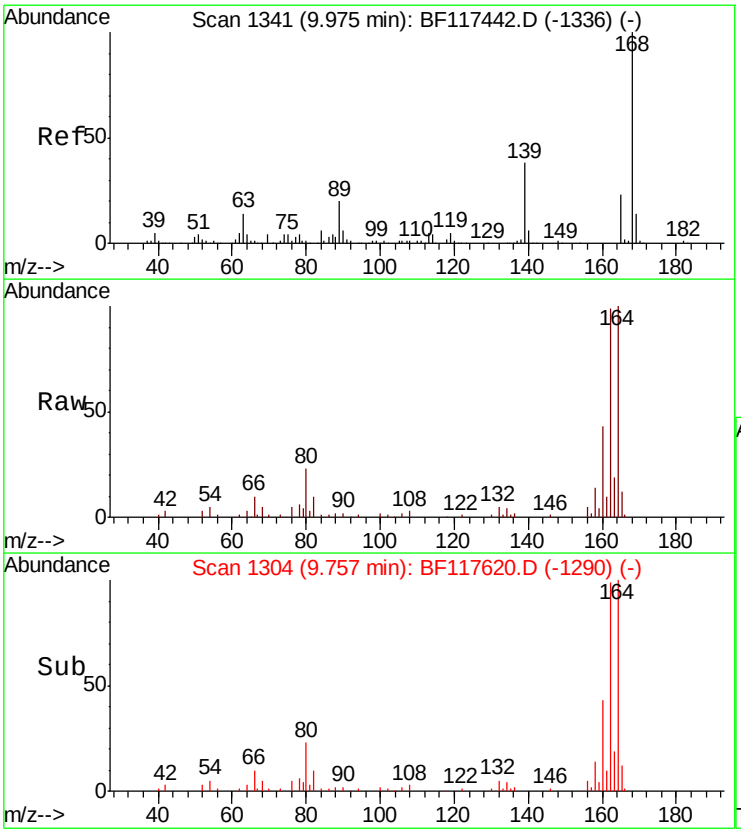
#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9211

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

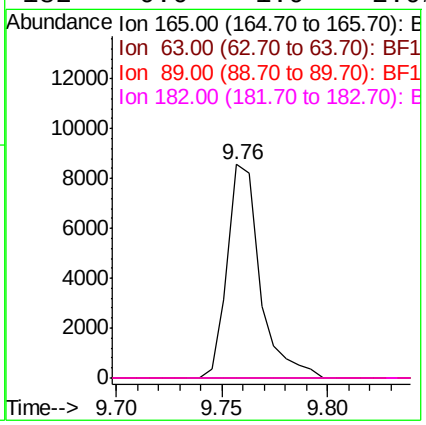


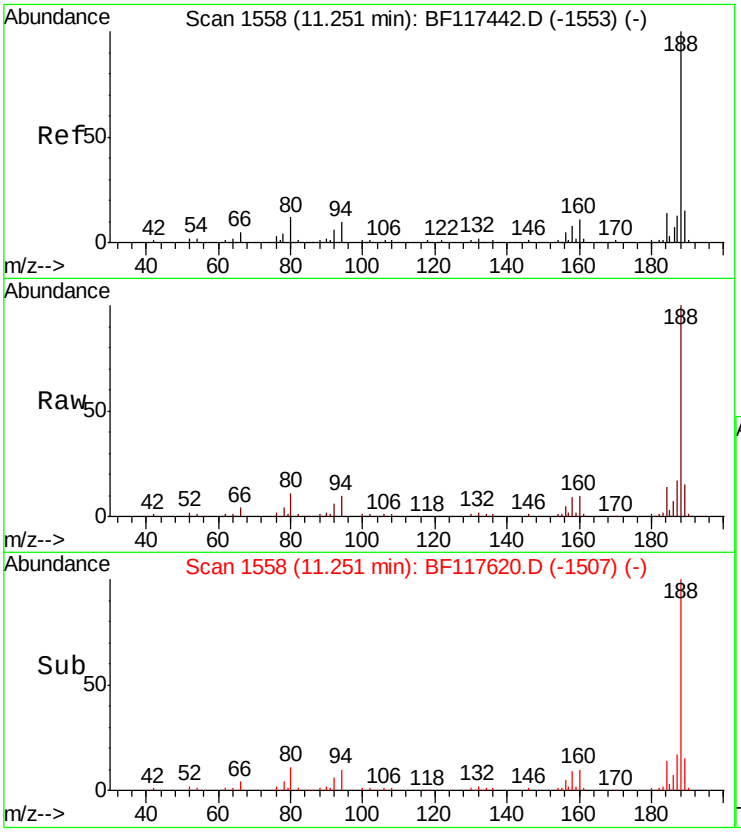


#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:165 Resp: 9211

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#



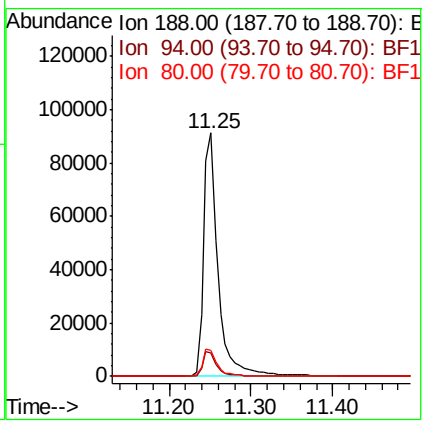


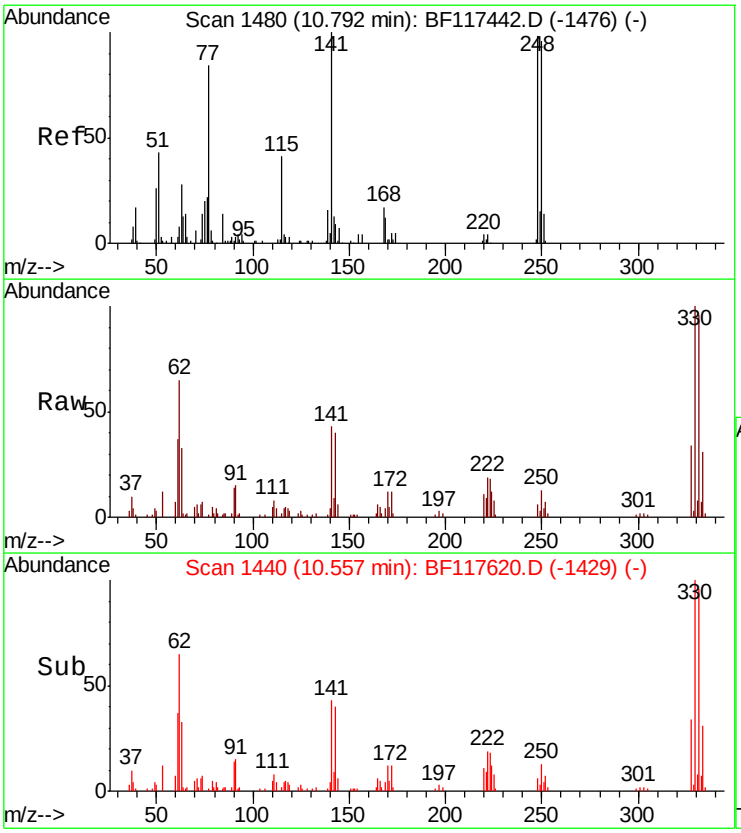
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 112032

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.8	9.5	14.3

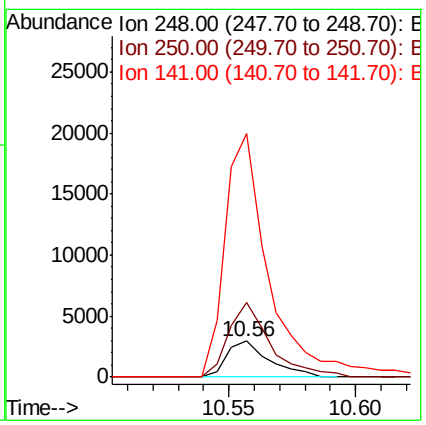


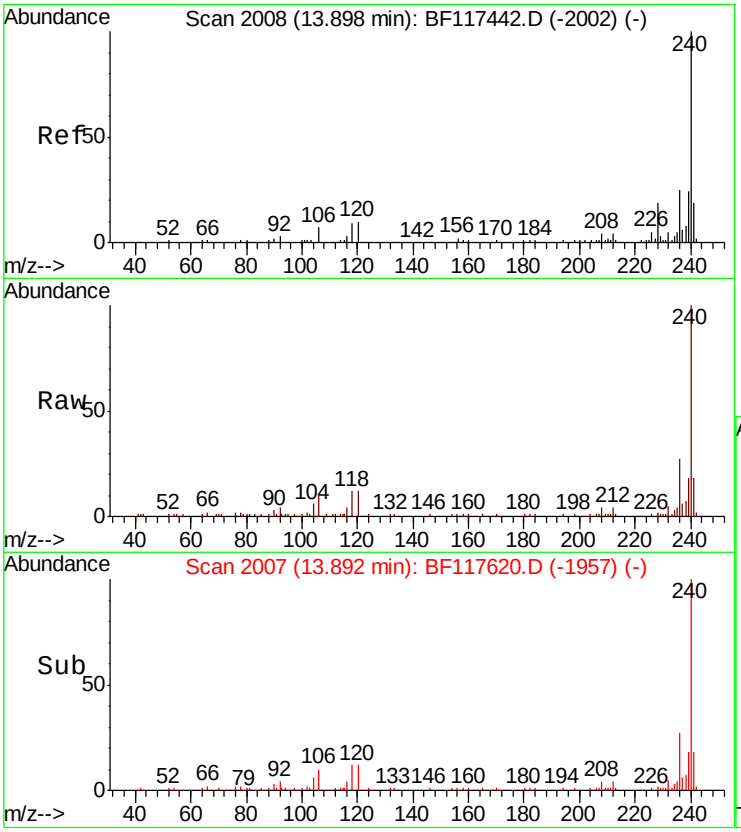


#67
4-Bromophenyl-phenylether
Concen: 2.860 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:248 Resp: 3451

Ion	Ratio	Lower	Upper
248	100		
250	208.5	78.0	117.0#
141	679.5	81.7	122.5#



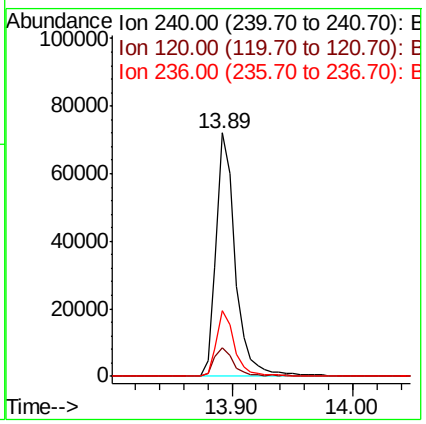


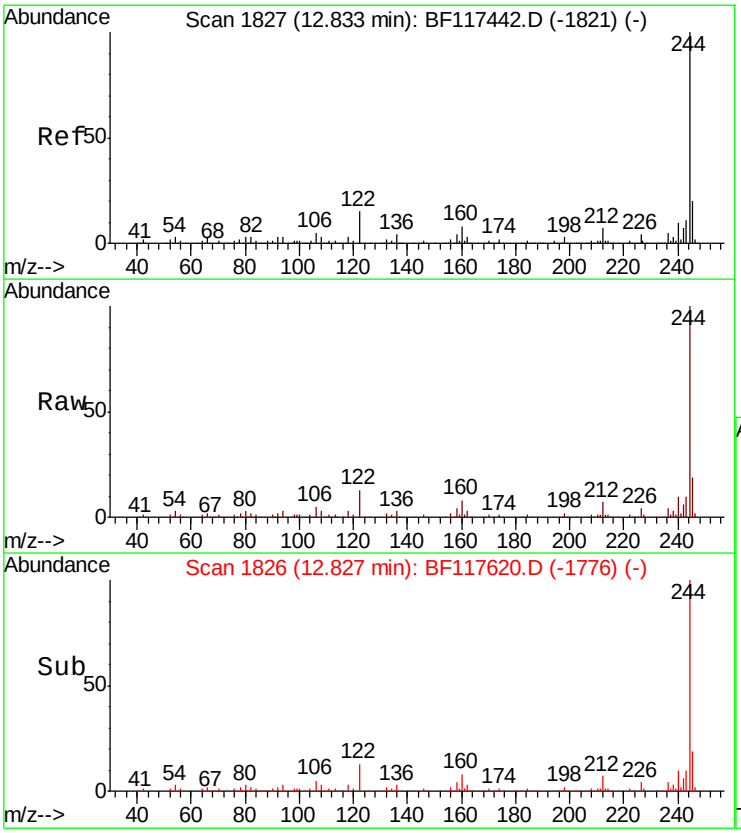
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 78803

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.4	12.6
236	27.0	20.0	30.0

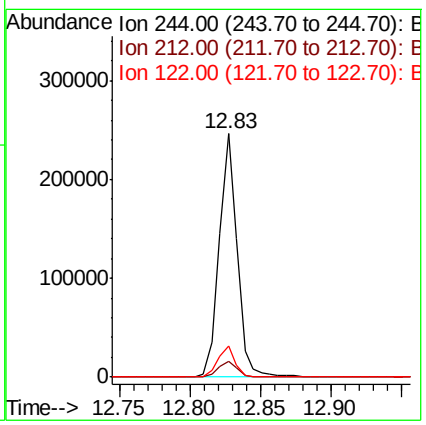


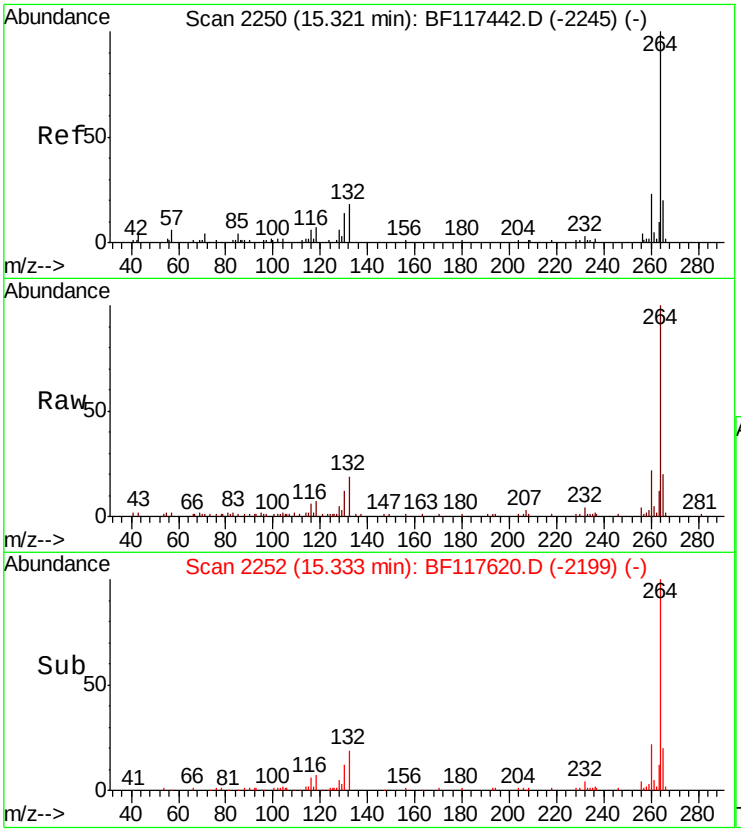


#79
Terphenyl-d14
Concen: 45.112 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Tgt Ion:244 Resp: 217947

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	12.6	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117620.D
Acq: 30 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 78065

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	19.6	16.1	24.1