Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118005.D
Acq On : 26 Nov 2019 14:22
Operator : JU
Sample : K5839-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 14:53:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138735	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	448826	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	207162	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	326939	20.00	ng		0.00
76) Chrysene-d12	14.09	240	295486	20.00	ng		0.00
87) Perylene-d12	15.59	264	297622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	620275	79.14	ng		0.00
7) Phenol-d6	6.52	99	734349	77.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	460436	60.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	158198	72.13	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	746853	64.68	ng		0.00
79) Terphenyl-d14	13.02	244	813328	50.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1374	Below Cal		#	1
10) Phenol	6.53	94	31545	3.211	ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	63108	10.821	ng	#	74
25) Isophorone	7.45	82	458710	33.148	ng	#	62
50) Dimethylphthalate	9.65	163	103798	7.145	ng		98
57) 2,4-Dinitrotoluene	9.95	165	27162	6.725	ng	#	24
67) 4-Bromophenyl-phenylether	10.73	248	9646	2.734	ng	#	1
75) Fluoranthene	12.65	202	17921	Below Cal			98

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

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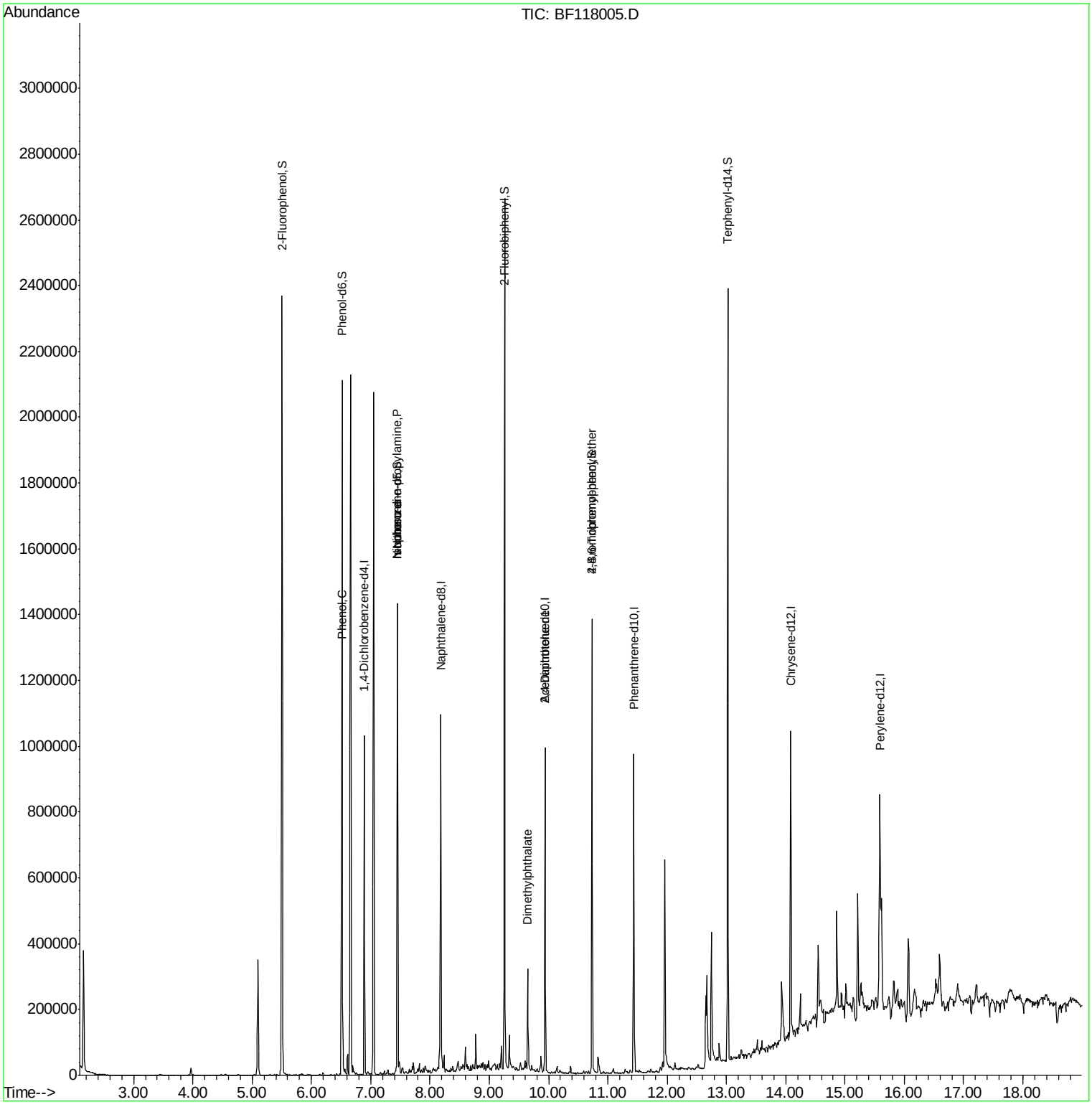
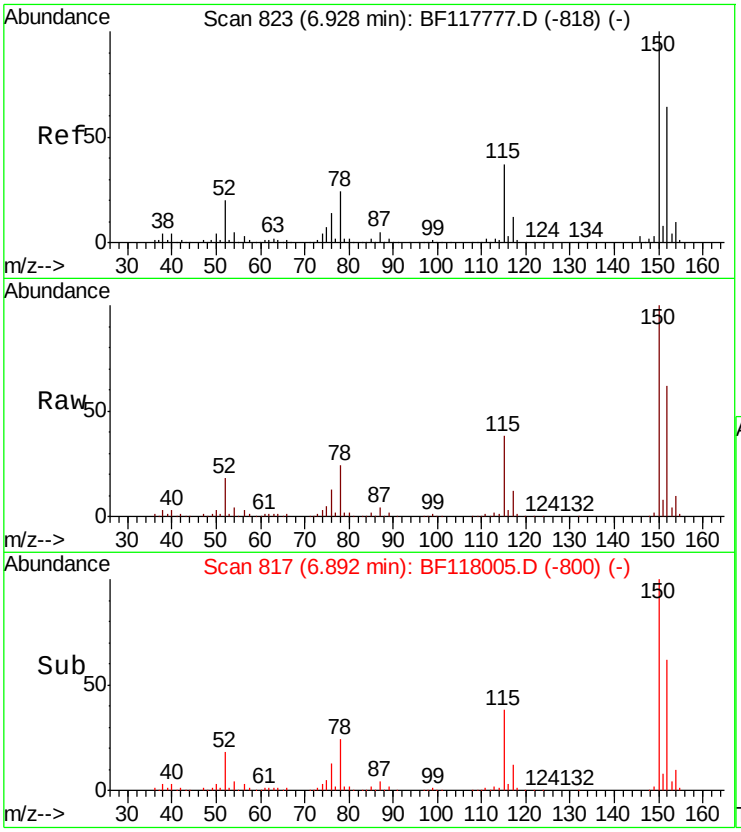


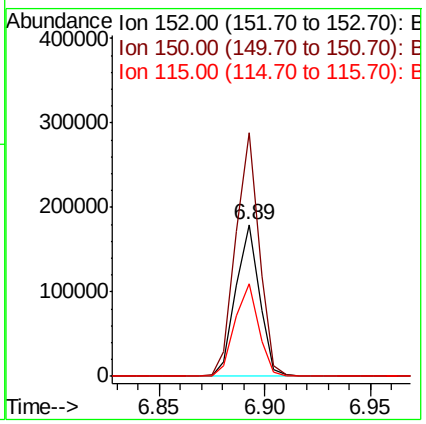


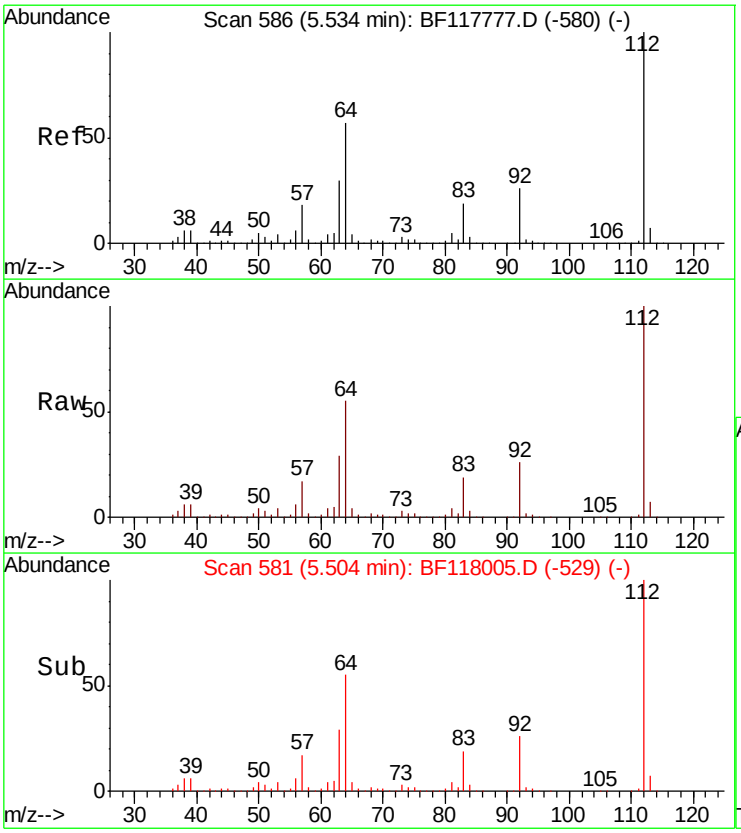
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138735

Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.3	187.9
115	61.2	47.0	70.4

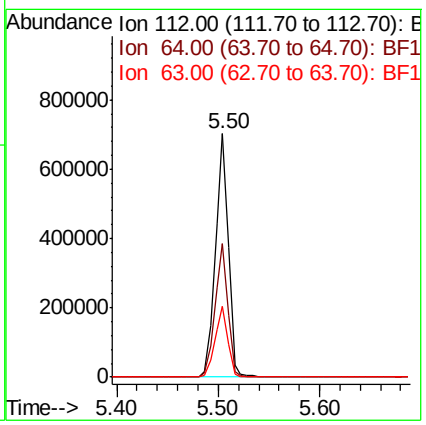


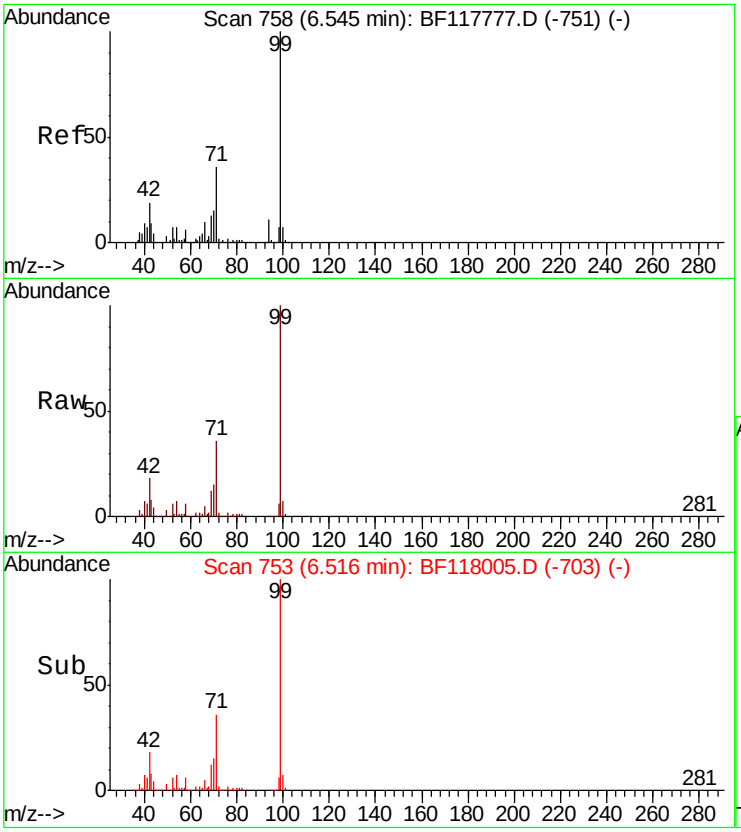


#5
2-Fluorophenol
Concen: 79.140 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:112 Resp: 620275

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.6	68.4
63	29.3	24.1	36.1



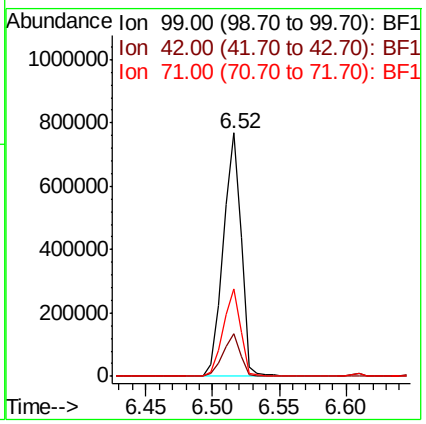


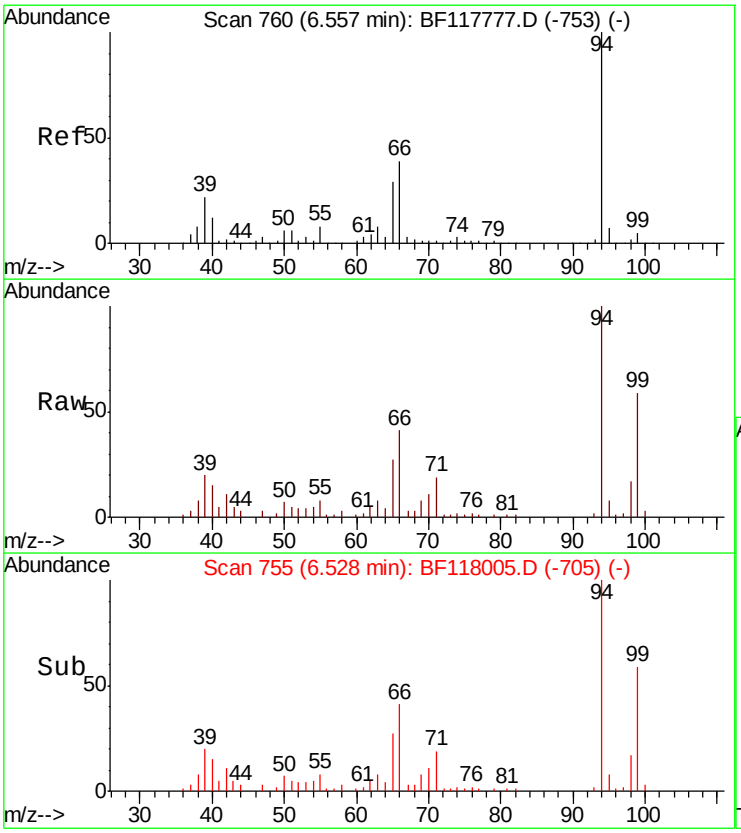
#7
Phenol-d6
Concen: 77.680 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 734349

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	35.7	28.6	43.0

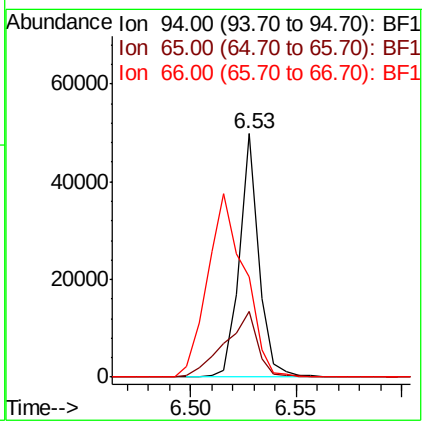


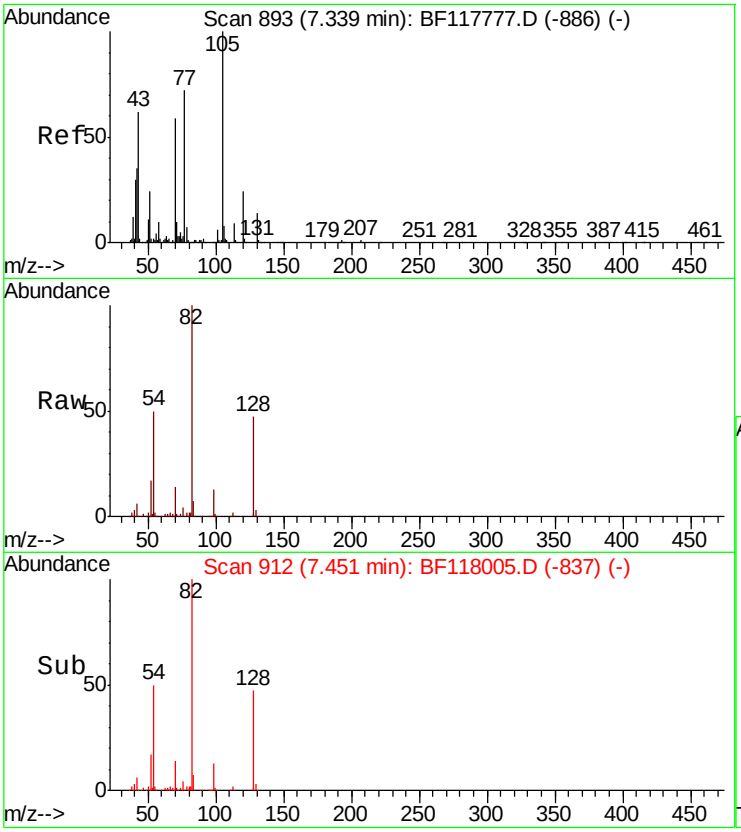


#10
Phenol
Concen: 3.211 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion: 94 Resp: 31545

Ion	Ratio	Lower	Upper
94	100		
65	26.7	8.9	48.9
66	41.4	18.7	58.7



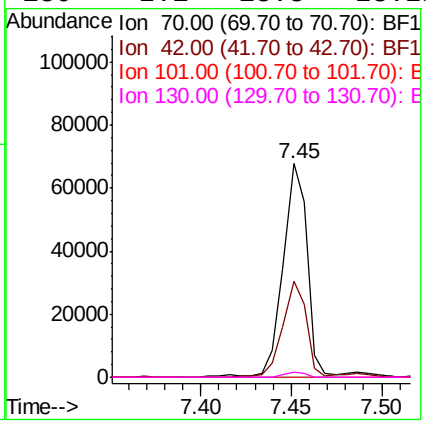


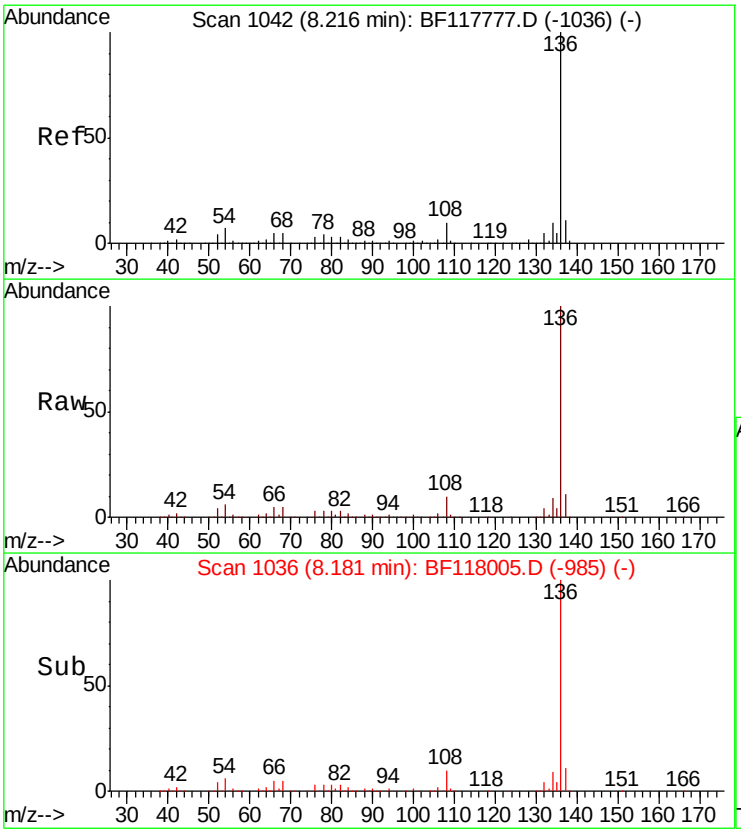
#19
n-Nitroso-di-n-propylamine
Concen: 10.821 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63108

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.4	71.2#
101	0.0	8.4	12.6#
130	2.1	18.8	28.2#

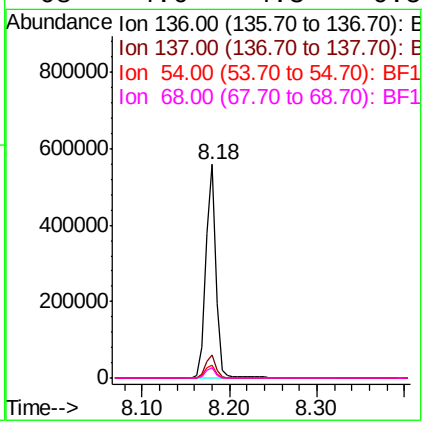


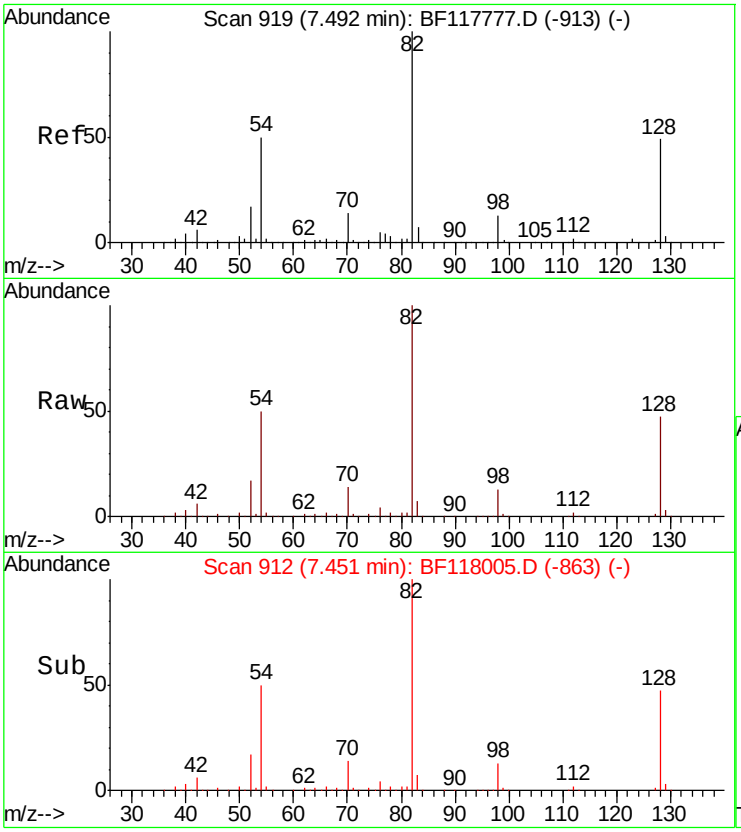


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:136 Resp: 448826

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.9	5.4	8.2
68	4.6	4.3	6.5



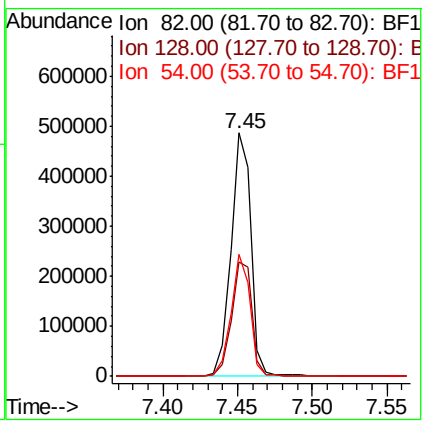


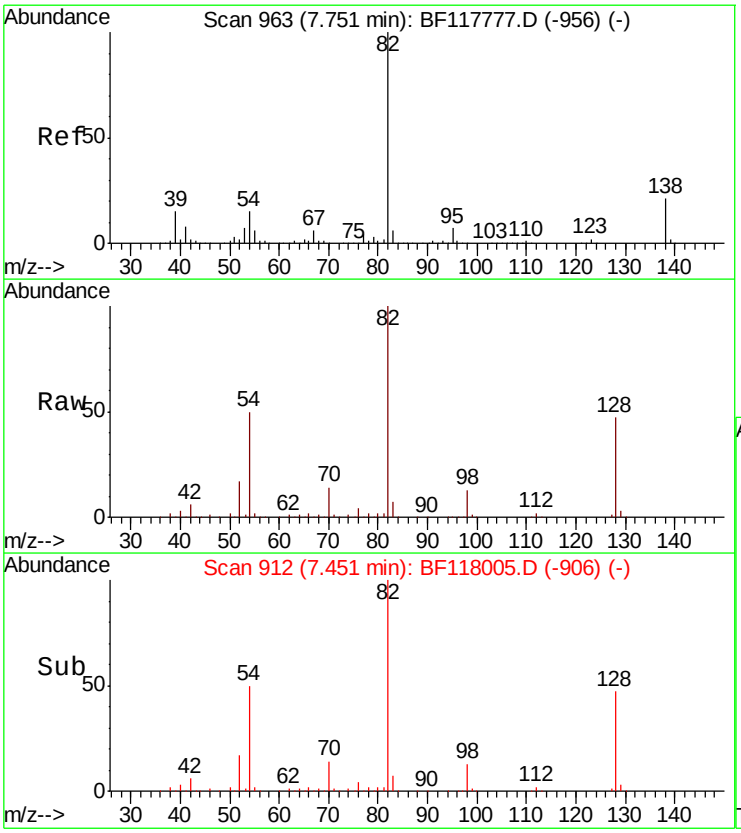
#23
Nitrobenzene-d5
Concen: 60.984 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 460436

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.9	58.3
54	50.1	39.8	59.6

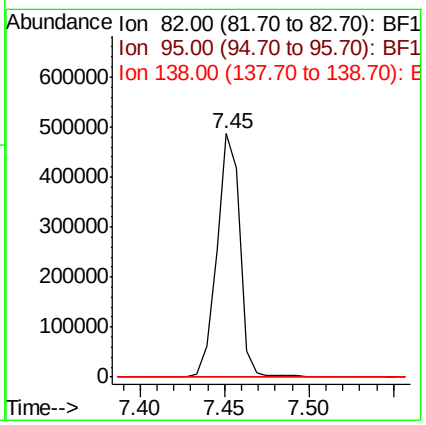


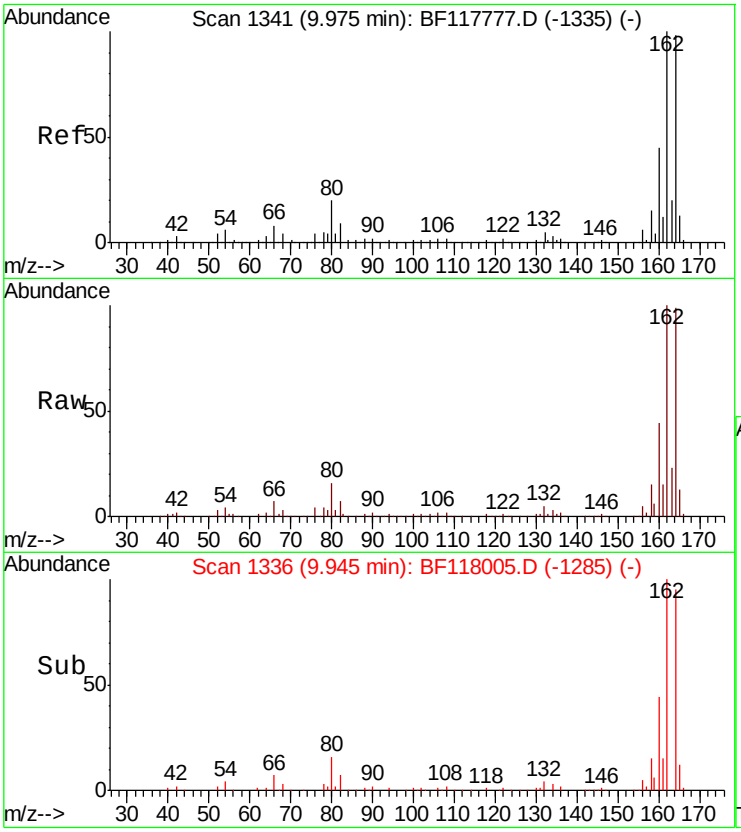


#25
Isophorone
Concen: 33.148 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion: 82 Resp: 458710

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.5	24.7#



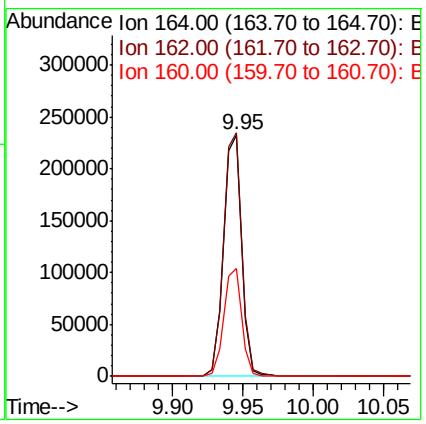


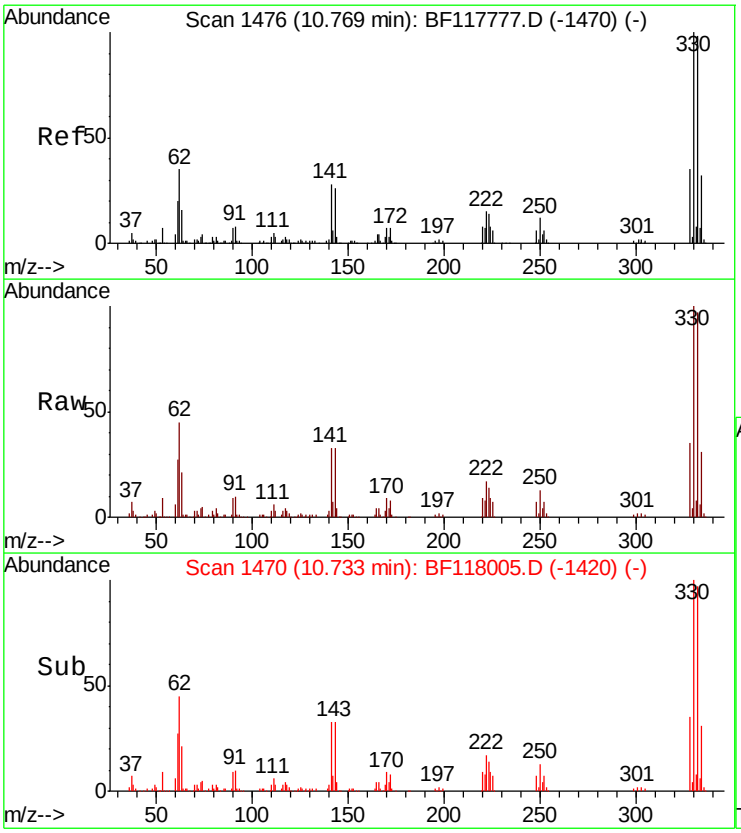
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 207162

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	44.5	36.6	55.0

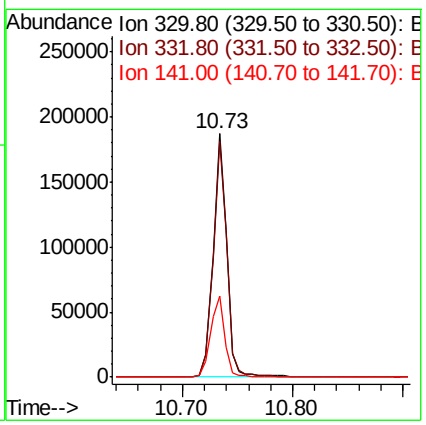


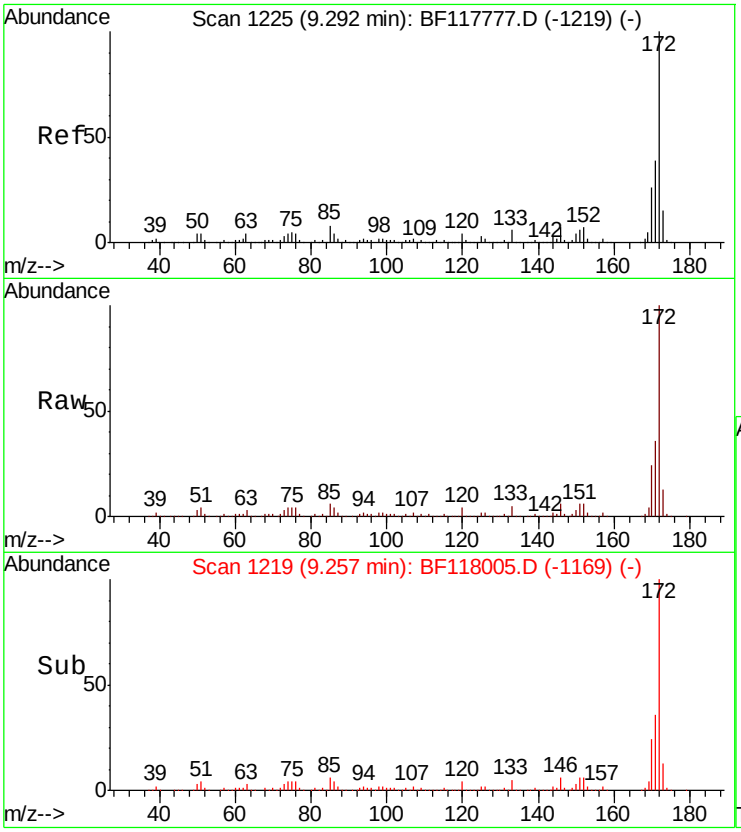


#42
2,4,6-Tribromophenol
Concen: 72.131 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:330 Resp: 158198

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	34.2	27.7	41.5



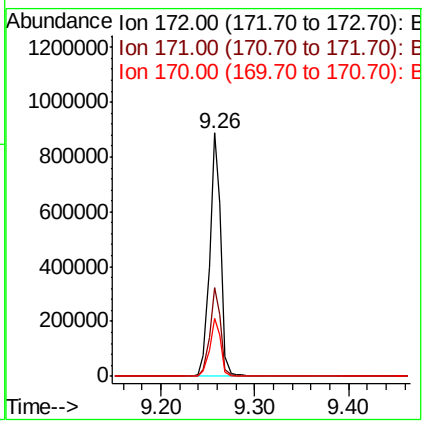


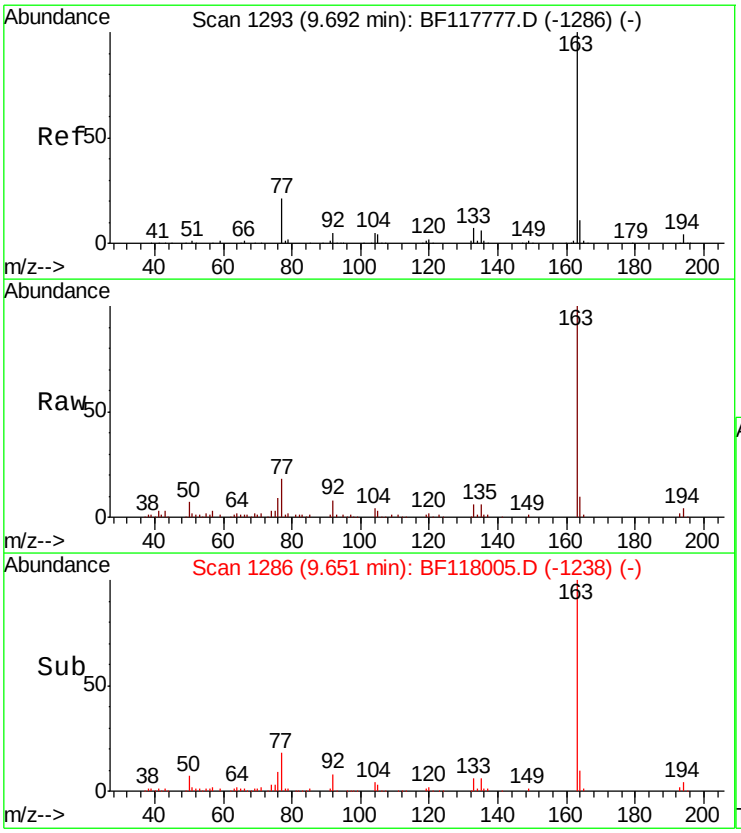
#45
2-Fluorobiphenyl
Concen: 64.678 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 746853

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	23.9	21.0	31.4

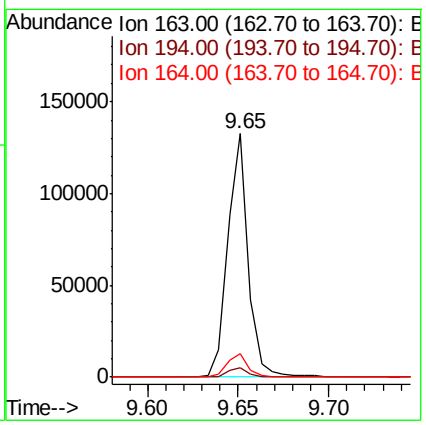


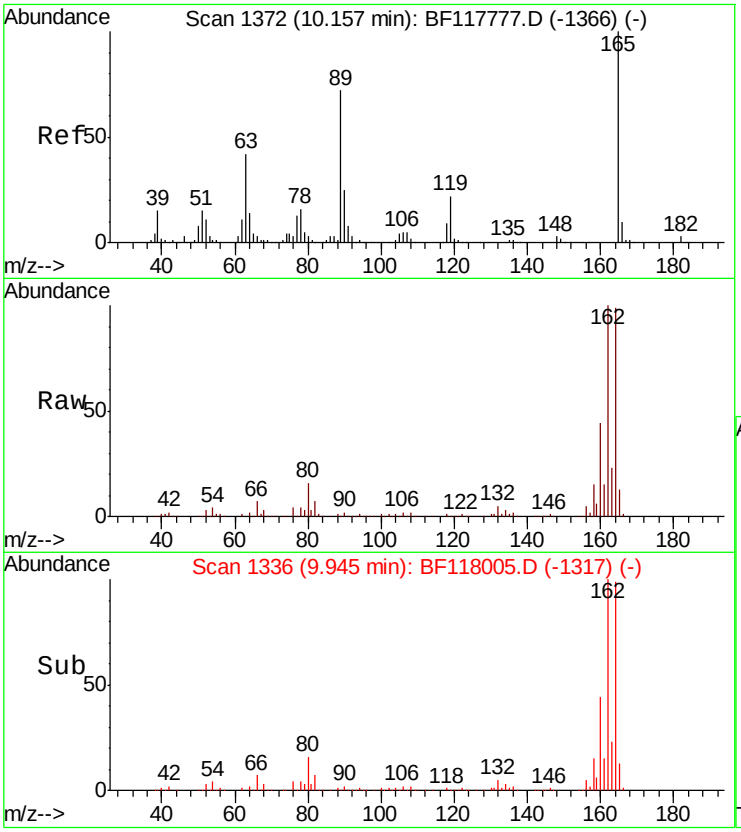


#50
Dimethylphthalate
Concen: 7.145 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:163 Resp: 103798

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.7	13.1



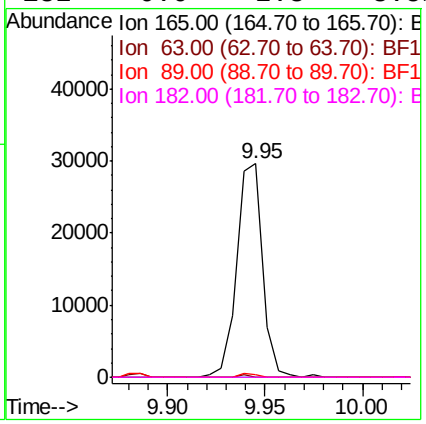


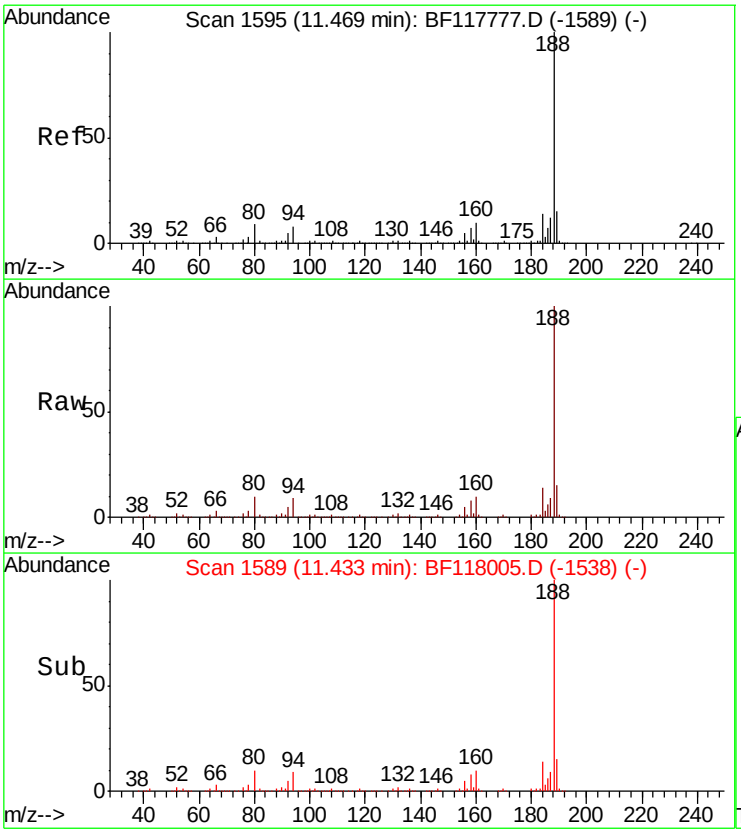
#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.19 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27162

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#

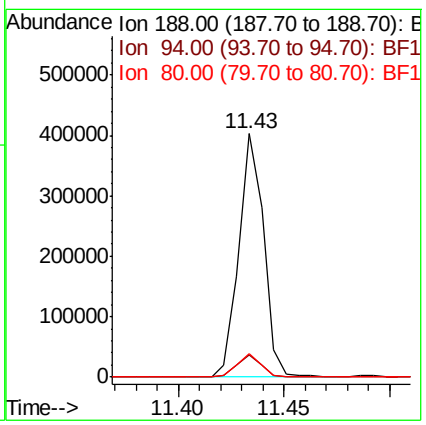


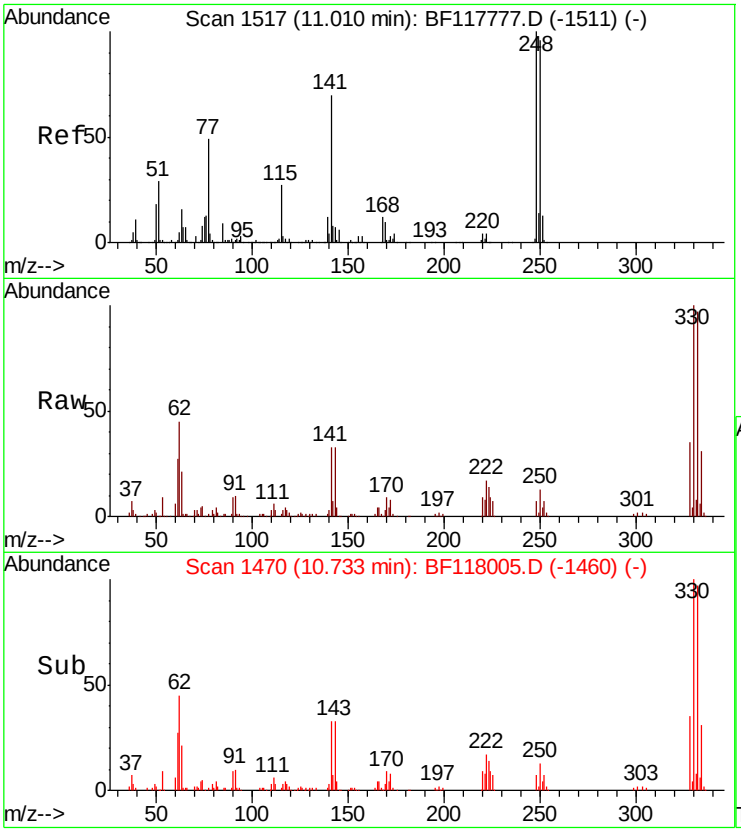


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:188 Resp: 326939

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.6	7.2	10.8



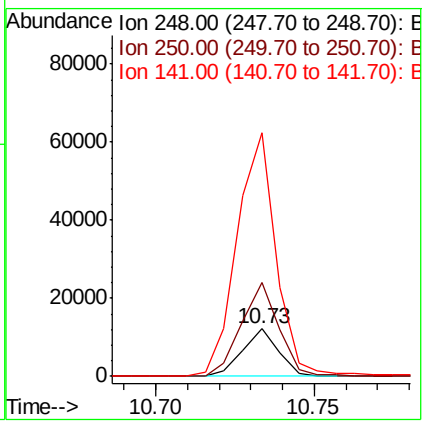


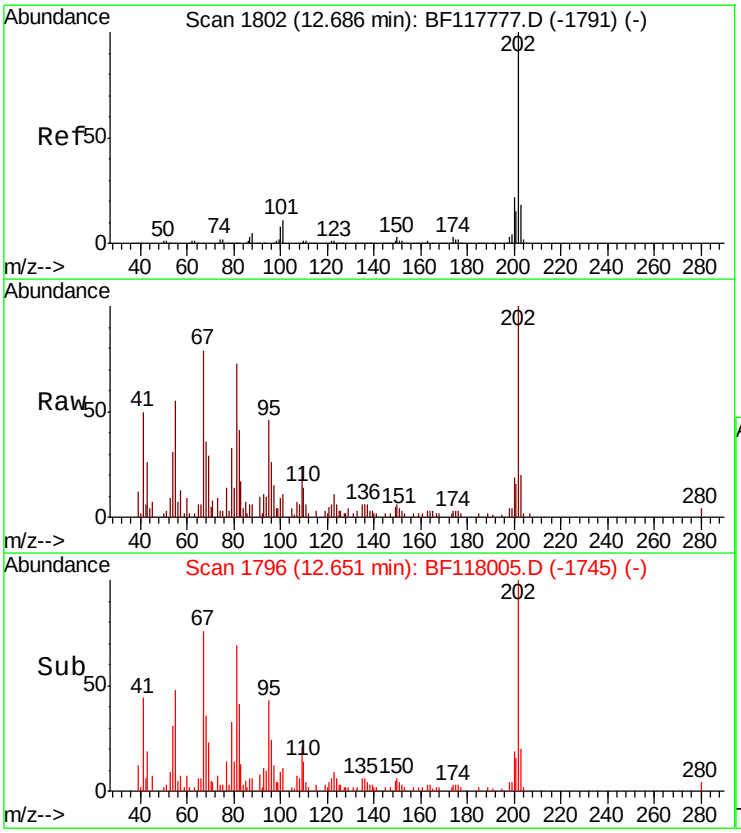
#67
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.24 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9646

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.6	115.0#
141	510.9	55.9	83.9#

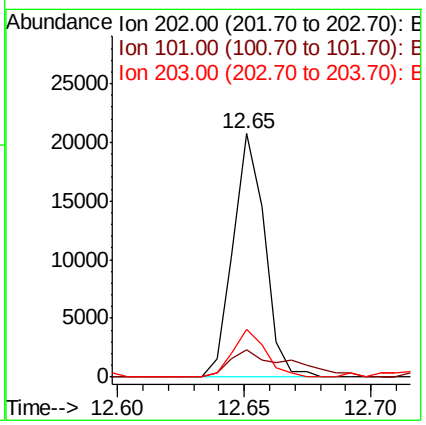


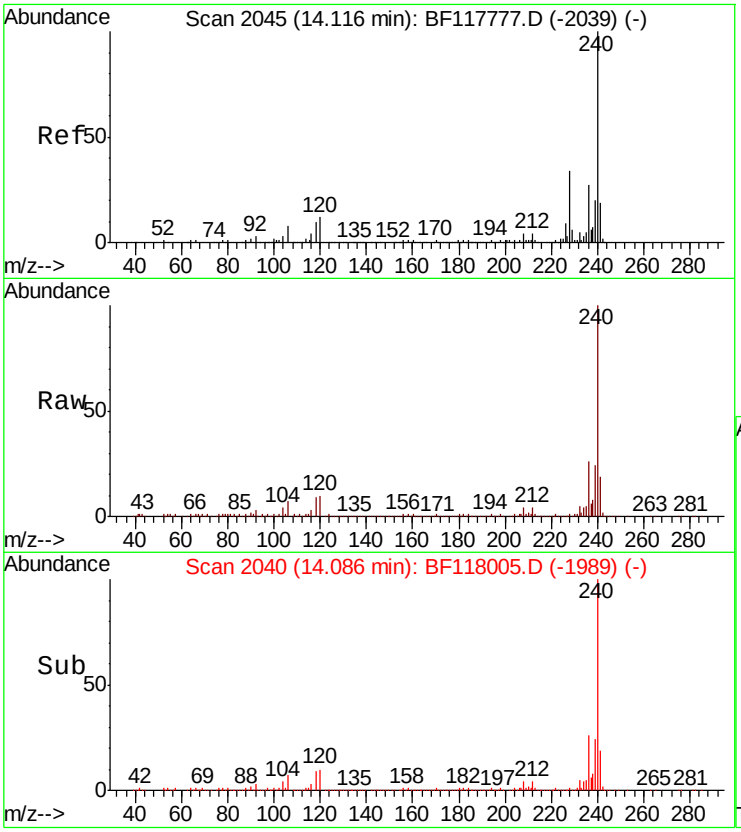


#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:202 Resp: 17921

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	19.7	0.0	38.2



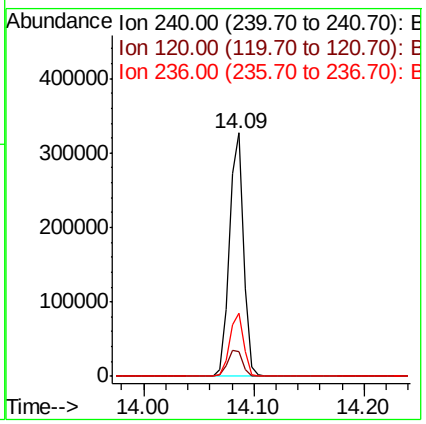


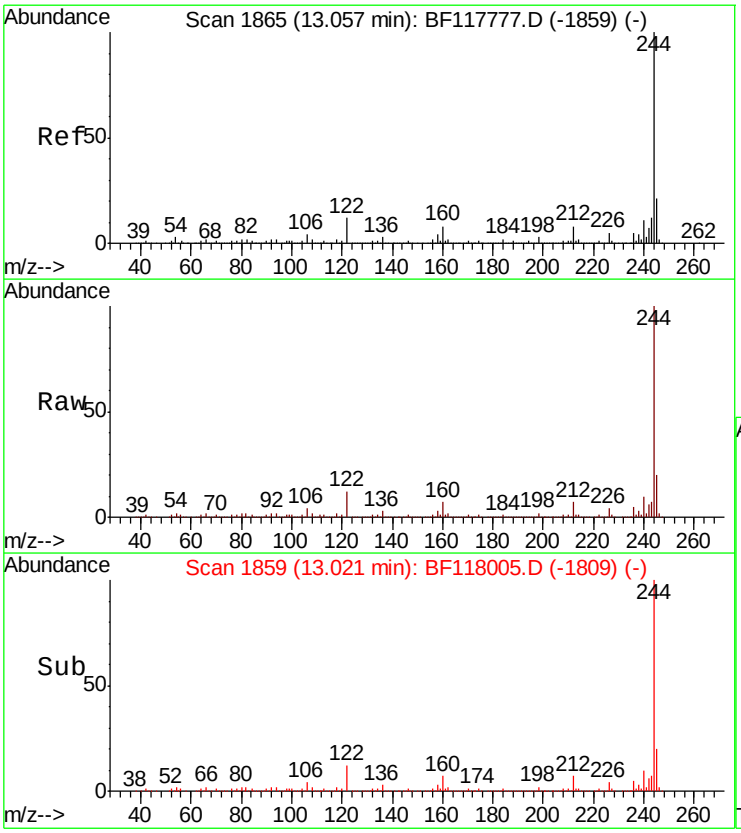
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 295486

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	21.3	31.9

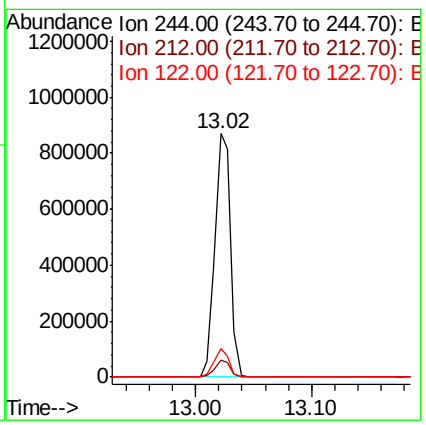


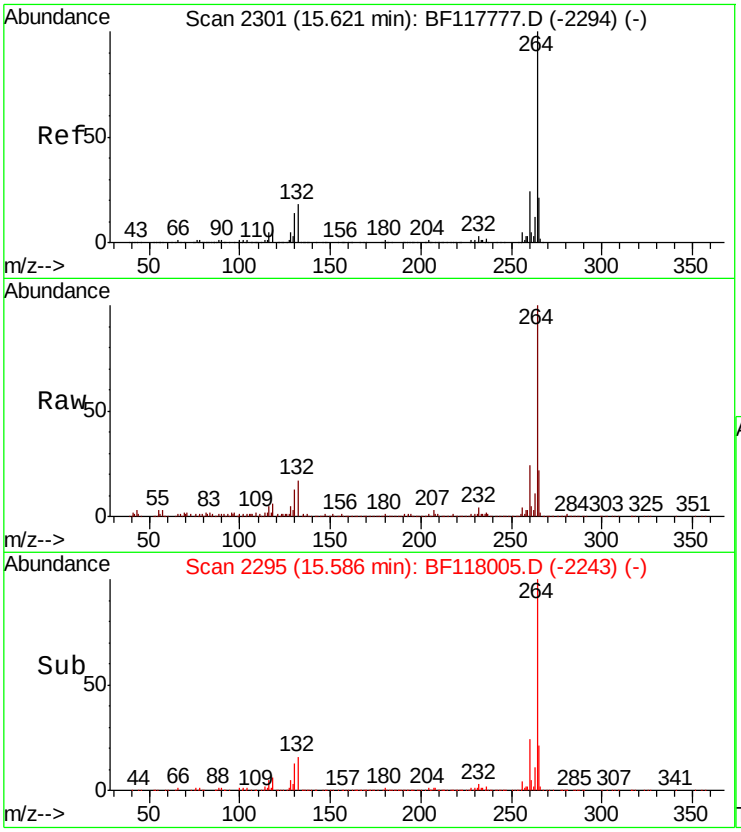


#79
Terphenyl-d14
Concen: 50.305 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Tgt Ion:244 Resp: 813328

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	11.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF118005.D
Acq: 26 Nov 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 297622

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.1	25.7