Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117866.D
Acq On : 19 Nov 2019 18:20
Operator : JU
Sample : K5904-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:31:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	214998	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	836897	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	436683	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	767601	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	474813	20.00	ng		-0.01
87) Perylene-d12	15.61	264	501014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1567613	129.06	ng		0.00
7) Phenol-d6	6.54	99	2028221	138.44	ng		0.00
23) Nitrobenzene-d5	7.48	82	1235447	87.76	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	501681	108.52	ng		-0.01
45) 2-Fluorobiphenyl	9.28	172	2224512	91.39	ng		-0.01
79) Terphenyl-d14	13.05	244	2221889	85.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	4060	Below Cal		#	1
10) Phenol	6.55	94	91387	6.003	ng		97
19) n-Nitroso-di-n-propylamine	7.48	70	169624	18.768	ng	#	75
25) Isophorone	7.48	82	1228864	47.624	ng	#	62
50) Dimethylphthalate	9.67	163	193420	6.316	ng		98
57) 2,4-Dinitrotoluene	9.96	165	55699	6.543	ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	33475	4.042	ng	#	1
75) Fluoranthene	12.67	202	71890	Below Cal			95

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

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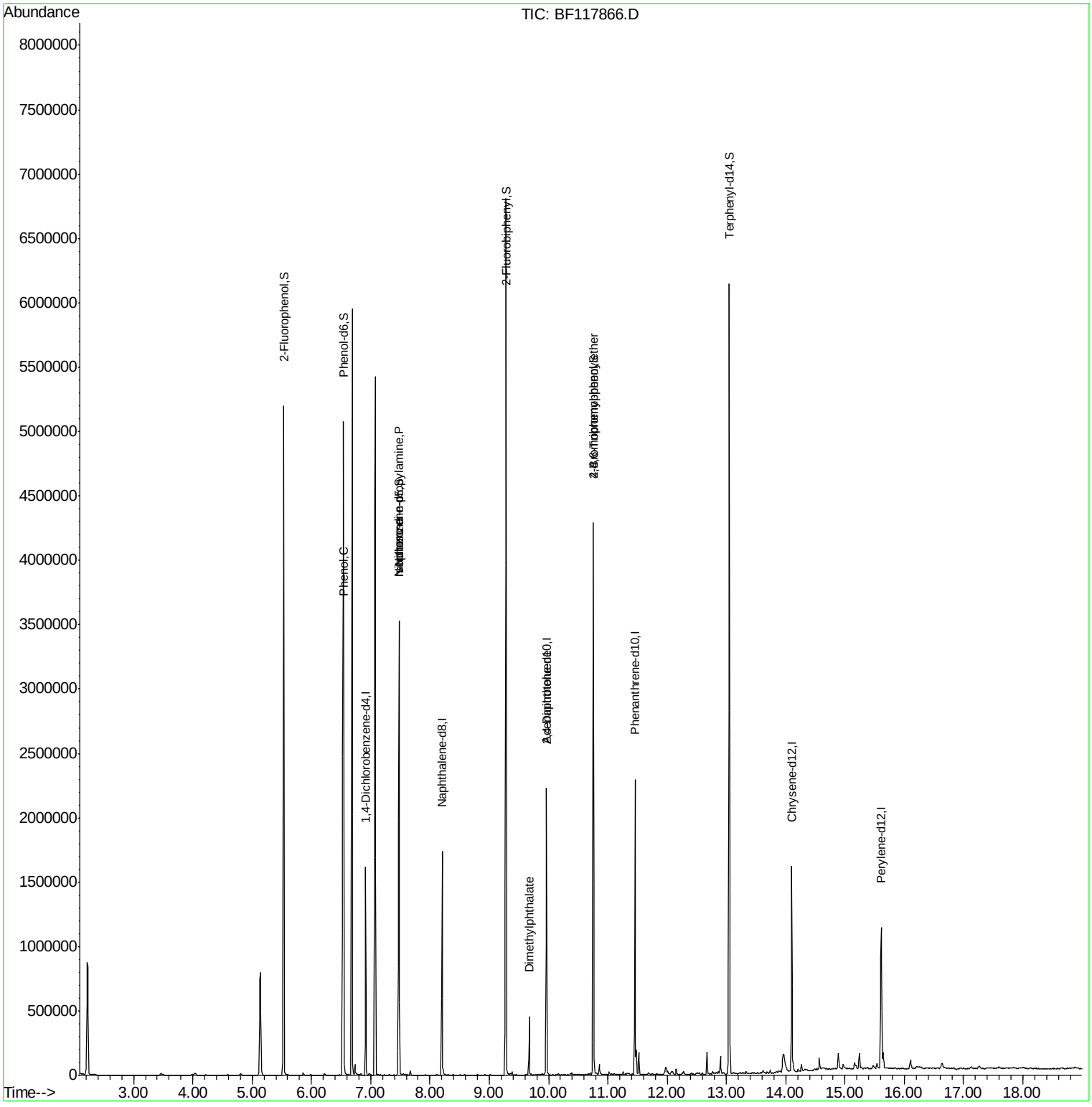
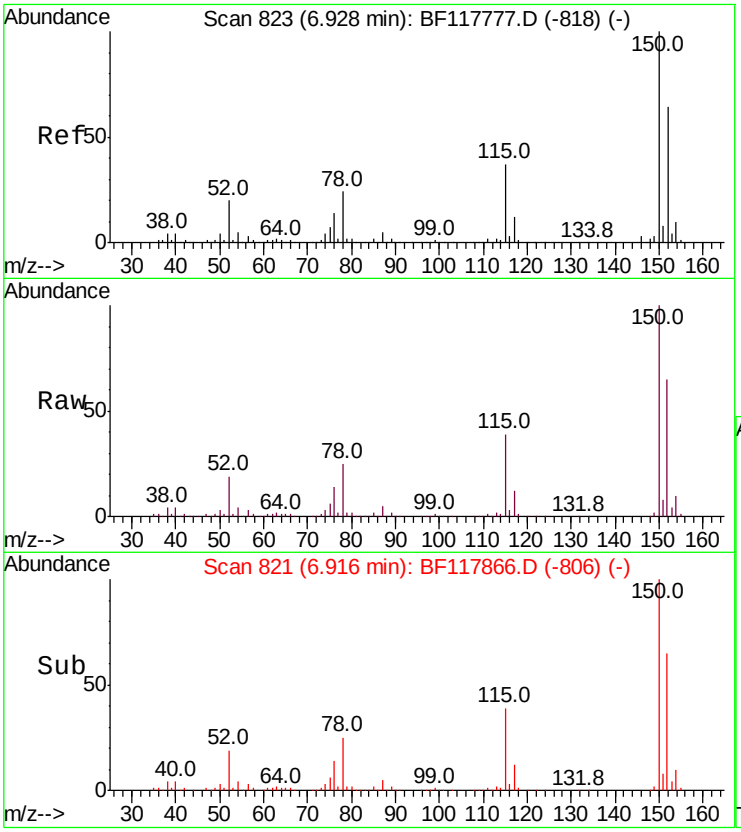


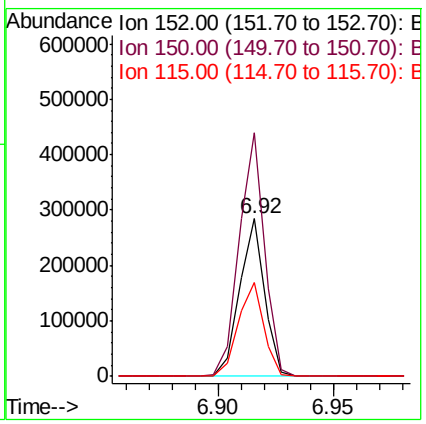


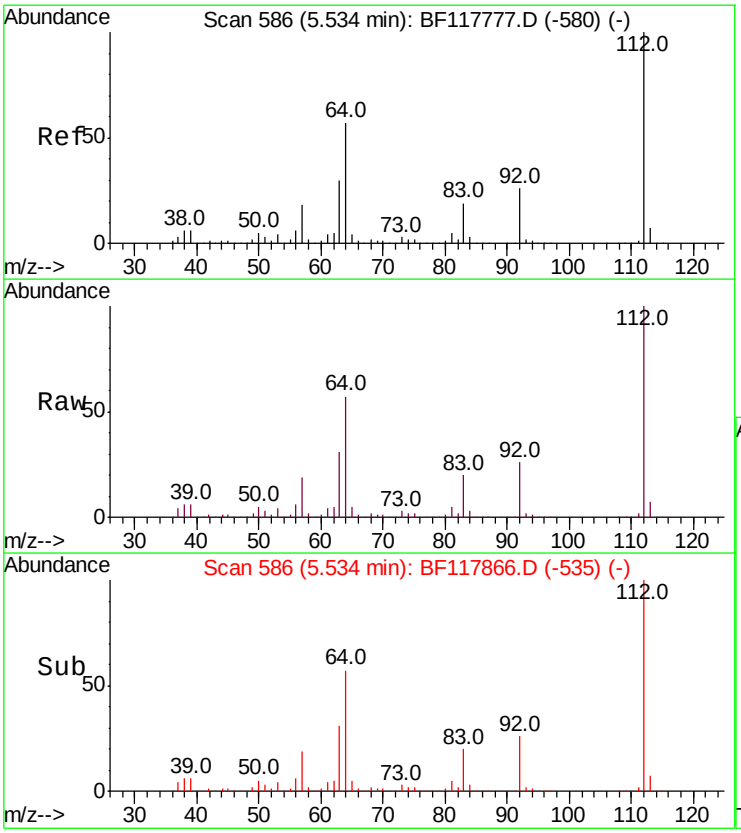
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 214998

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	59.8	47.0	70.4

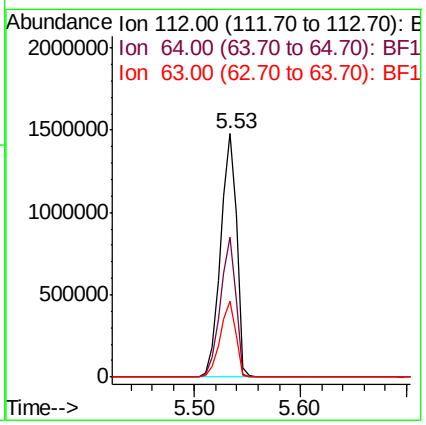


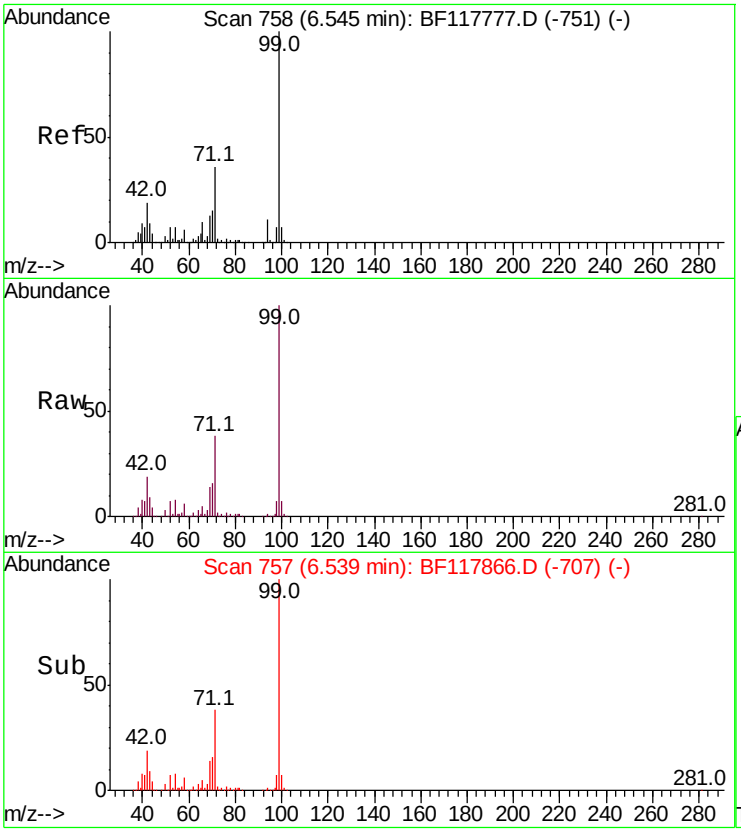


#5
2-Fluorophenol
Concen: 129.064 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:112 Resp: 1567613

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.6	68.4
63	31.2	24.1	36.1



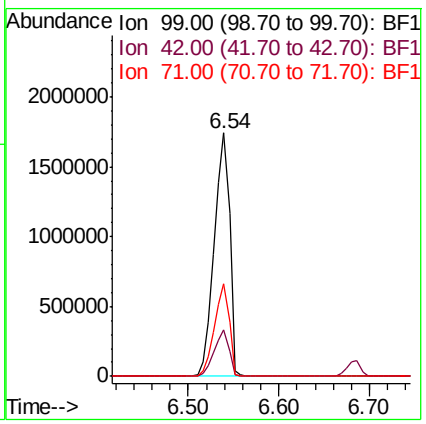


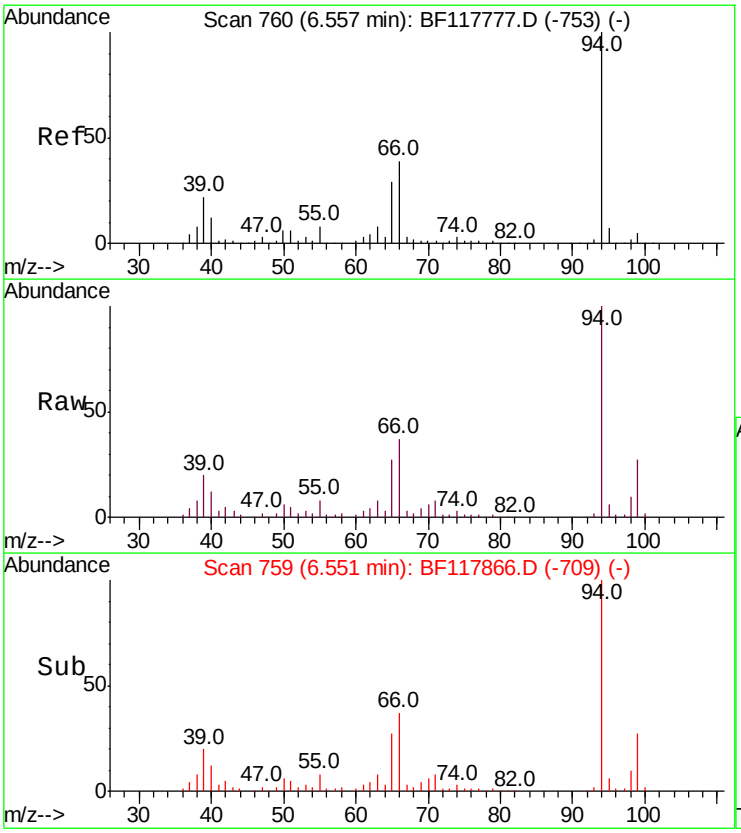
#7
Phenol-d6
Concen: 138.444 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2028221

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	38.1	28.6	43.0

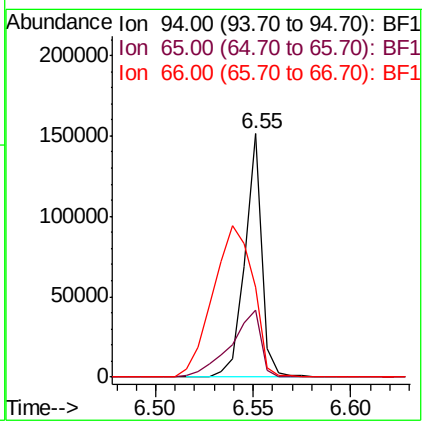


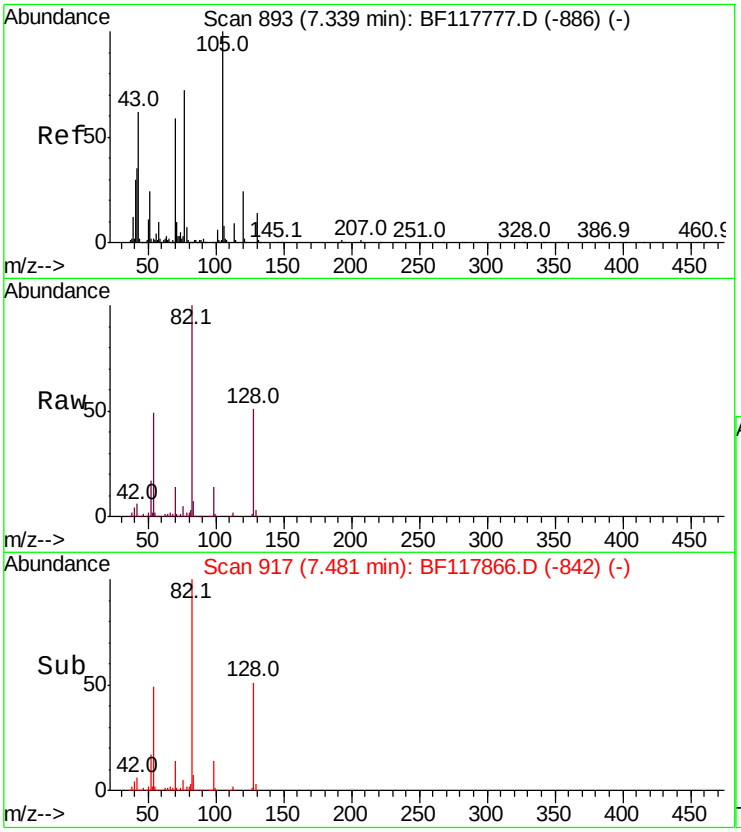


#10
Phenol
Concen: 6.003 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion: 94 Resp: 91387

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.9	48.9
66	37.0	18.7	58.7



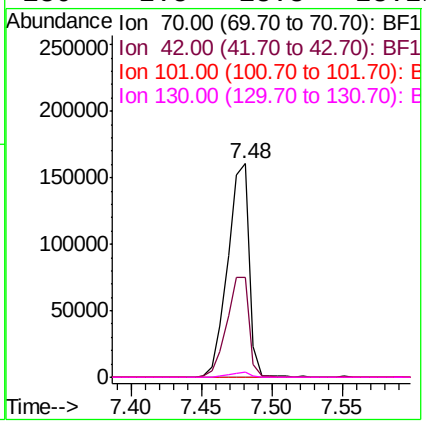


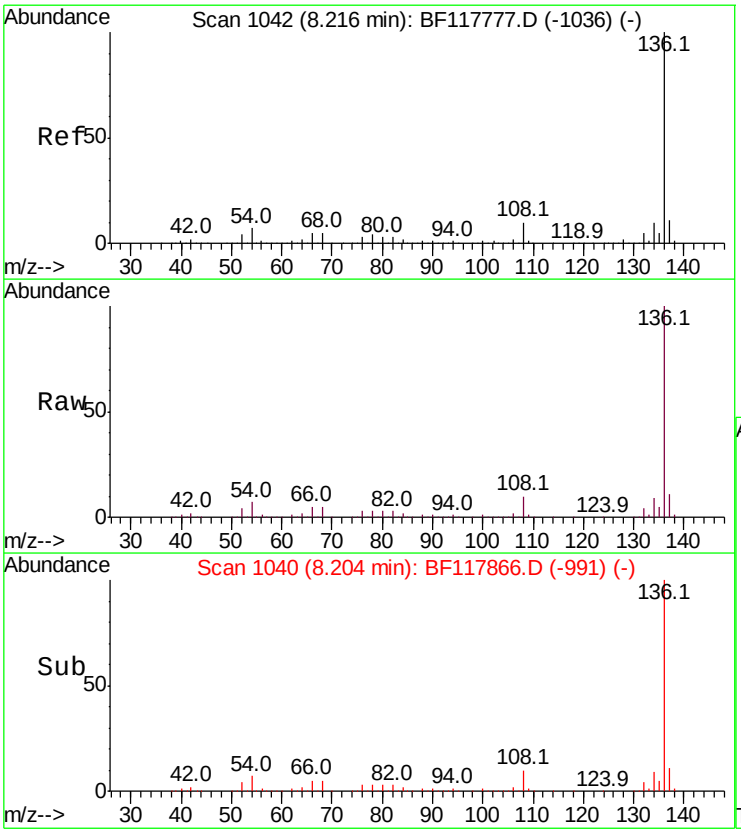
#19
n-Nitroso-di-n-propylamine
Concen: 18.768 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 169624

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.4	71.2#
101	0.0	8.4	12.6#
130	2.5	18.8	28.2#

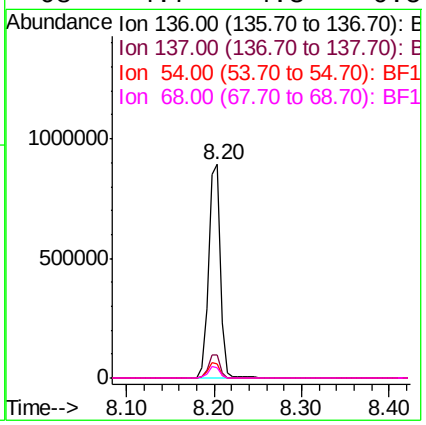


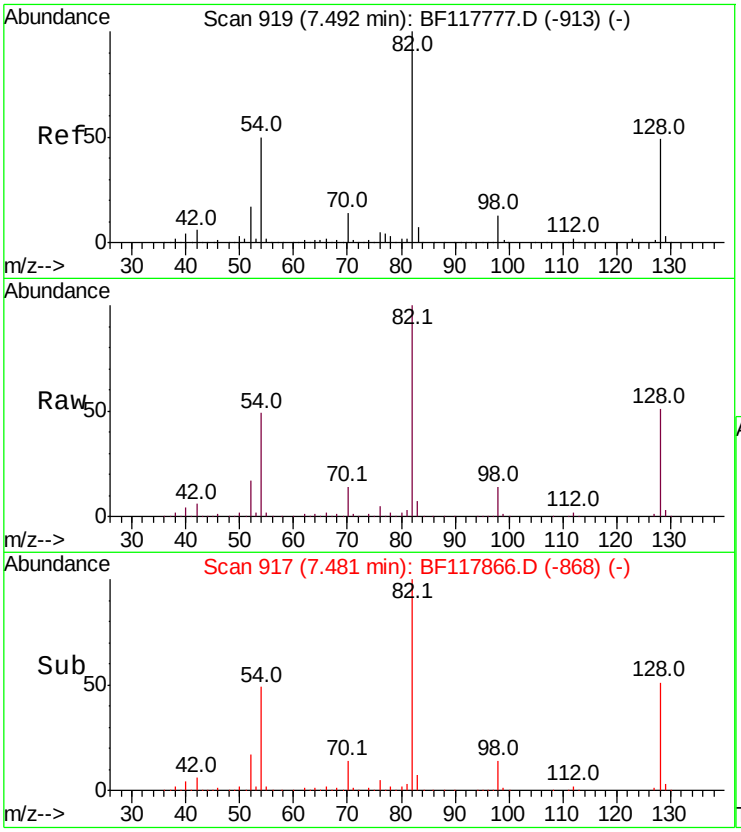


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:136 Resp: 836897

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.4	8.2
68	4.7	4.3	6.5



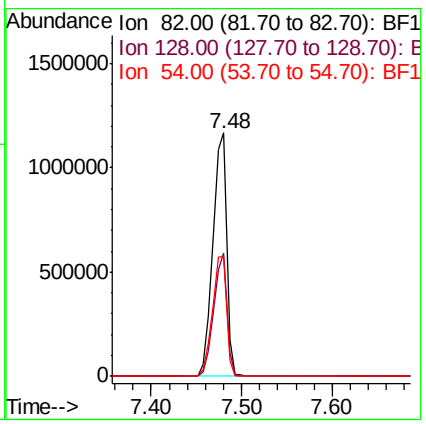


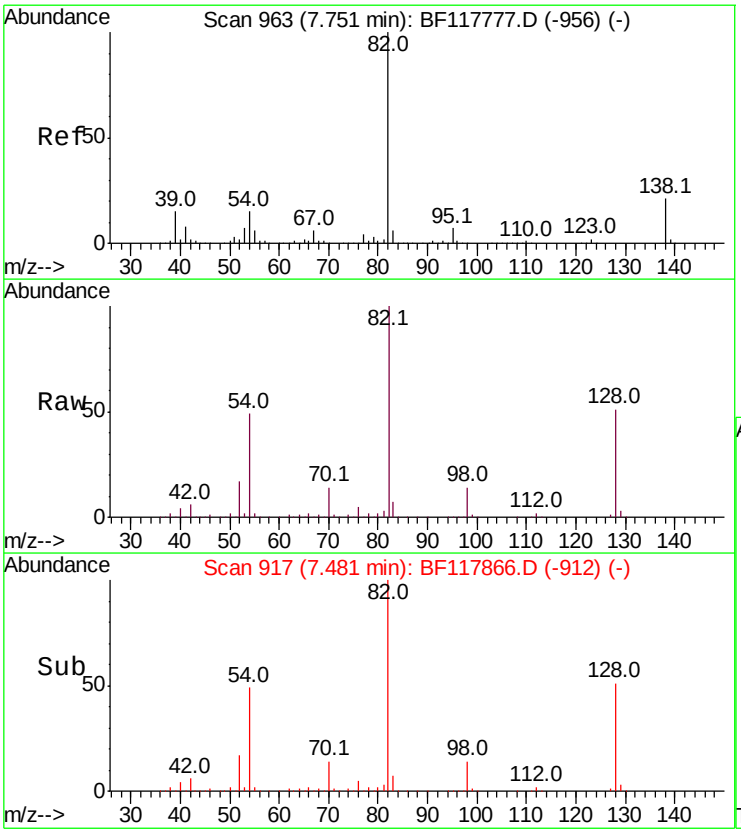
#23
Nitrobenzene-d5
Concen: 87.755 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1235447

Ion	Ratio	Lower	Upper
82	100		
128	50.7	38.9	58.3
54	49.3	39.8	59.6

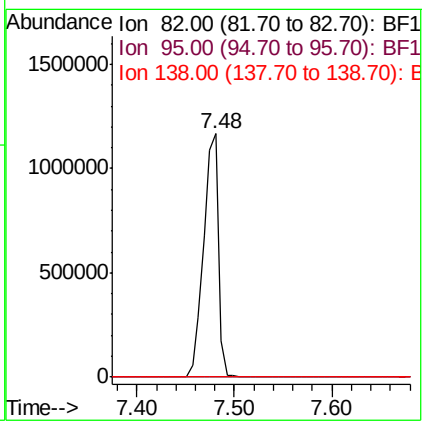


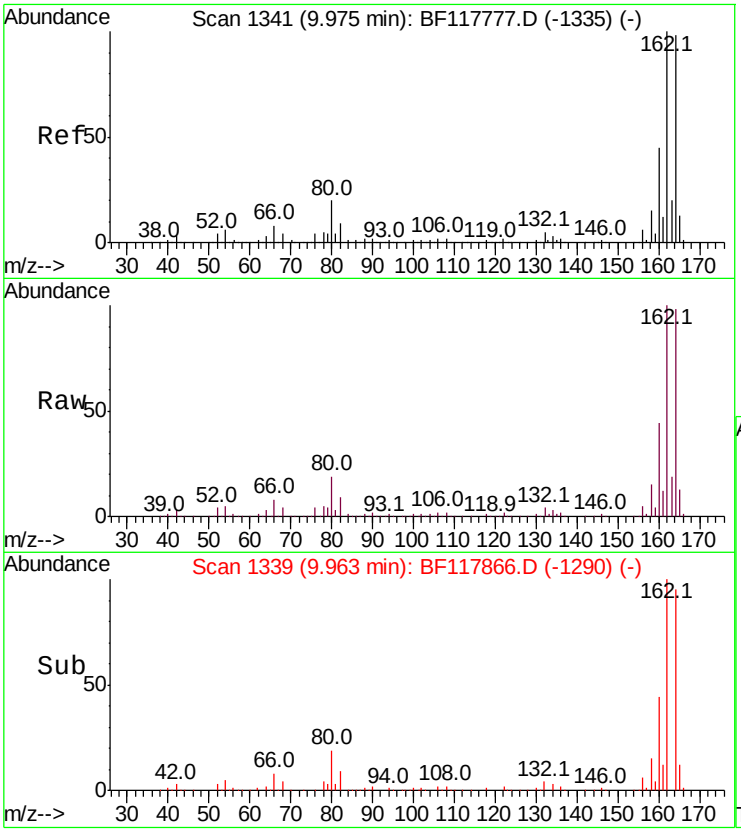


#25
Isophorone
Concen: 47.624 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion: 82 Resp: 1228864

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



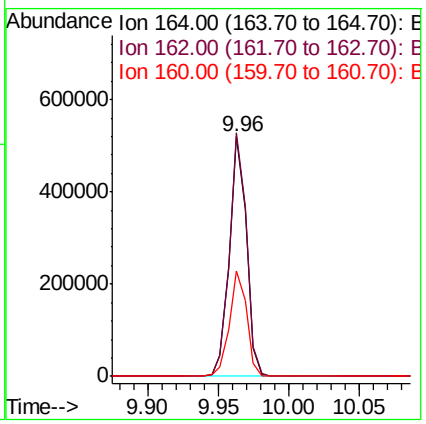


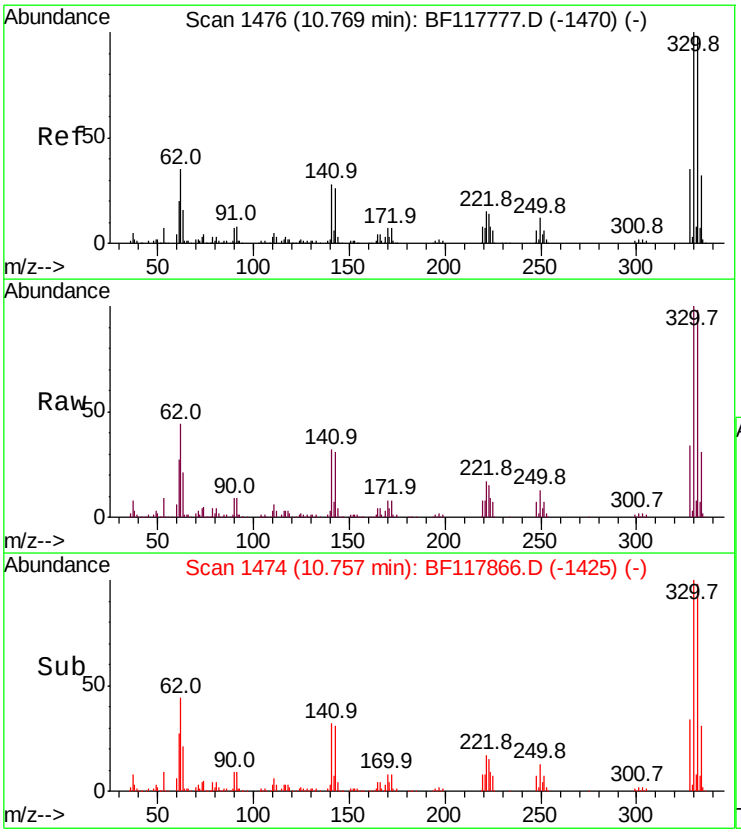
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 436683

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	44.3	36.6	55.0

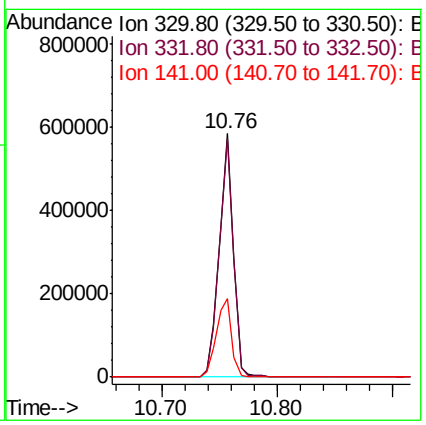


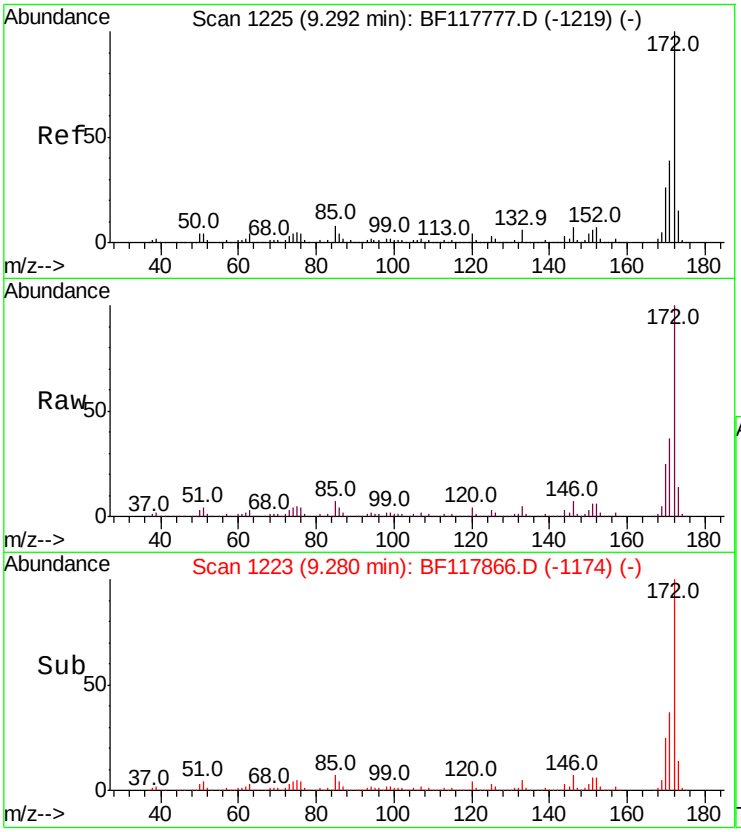


#42
2,4,6-Tribromophenol
Concen: 108.516 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:330 Resp: 501681

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.7	115.1
141	34.4	27.7	41.5



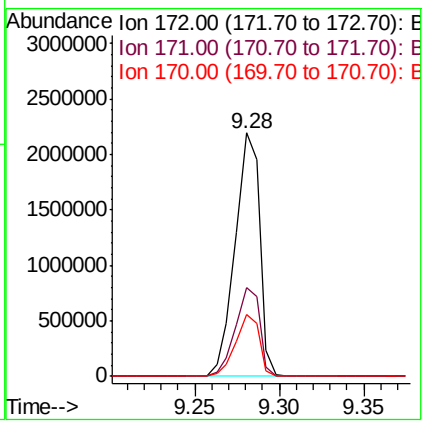


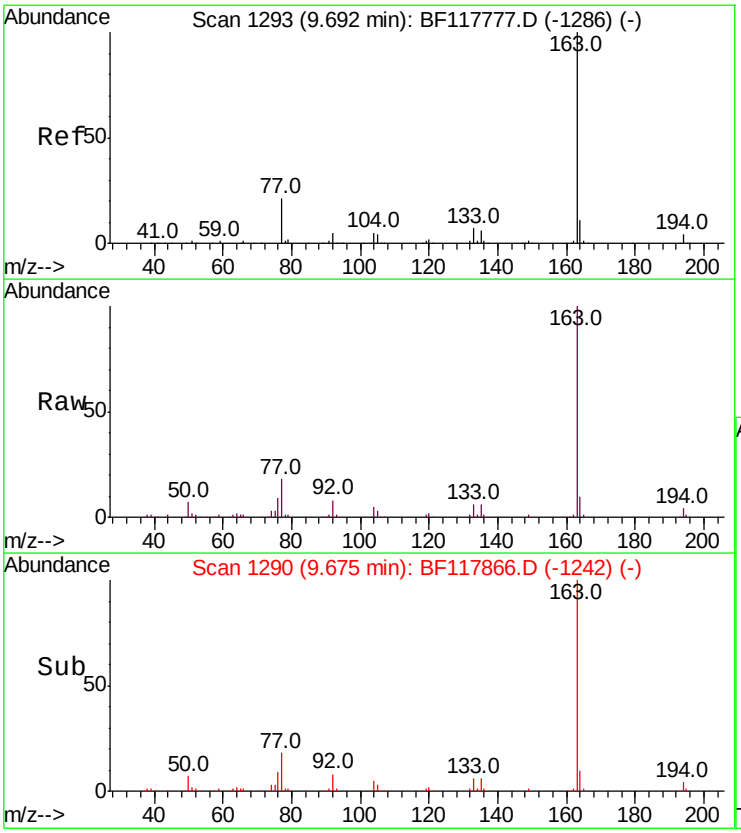
#45
2-Fluorobiphenyl
Concen: 91.390 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2224512

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	25.4	21.0	31.4

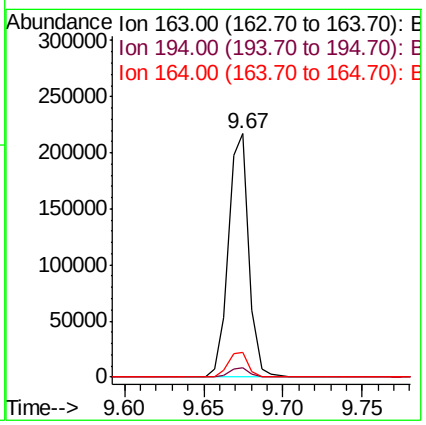


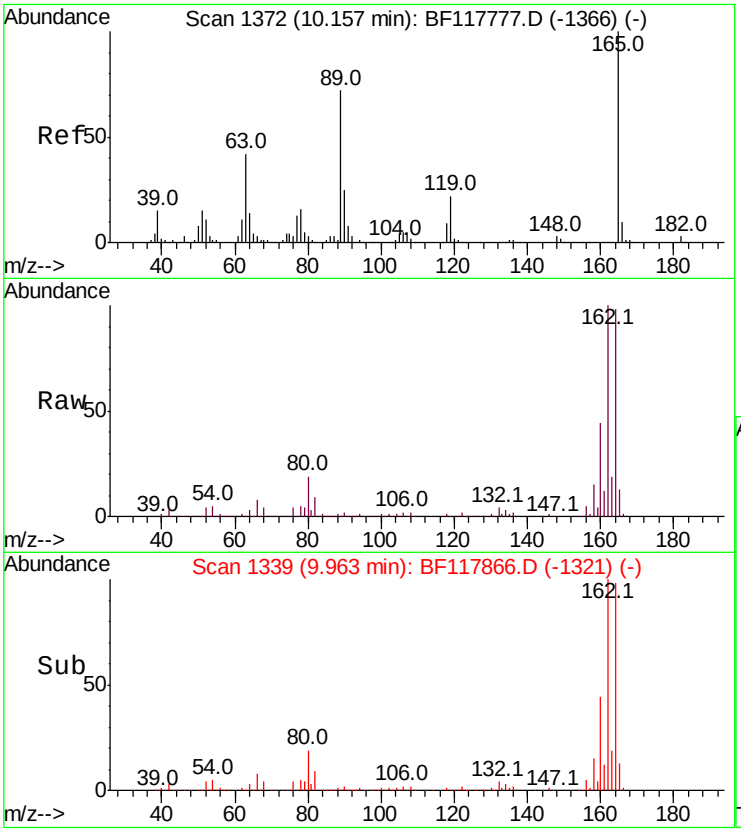


#50
Dimethylphthalate
Concen: 6.316 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:163 Resp: 193420

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.7	13.1



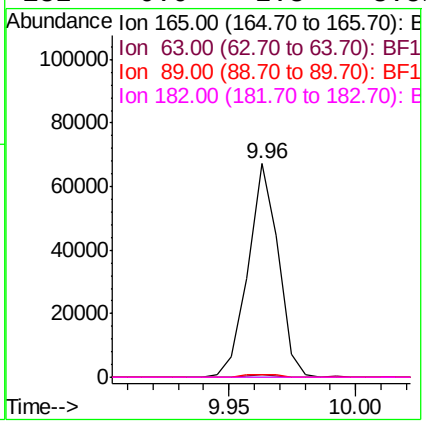


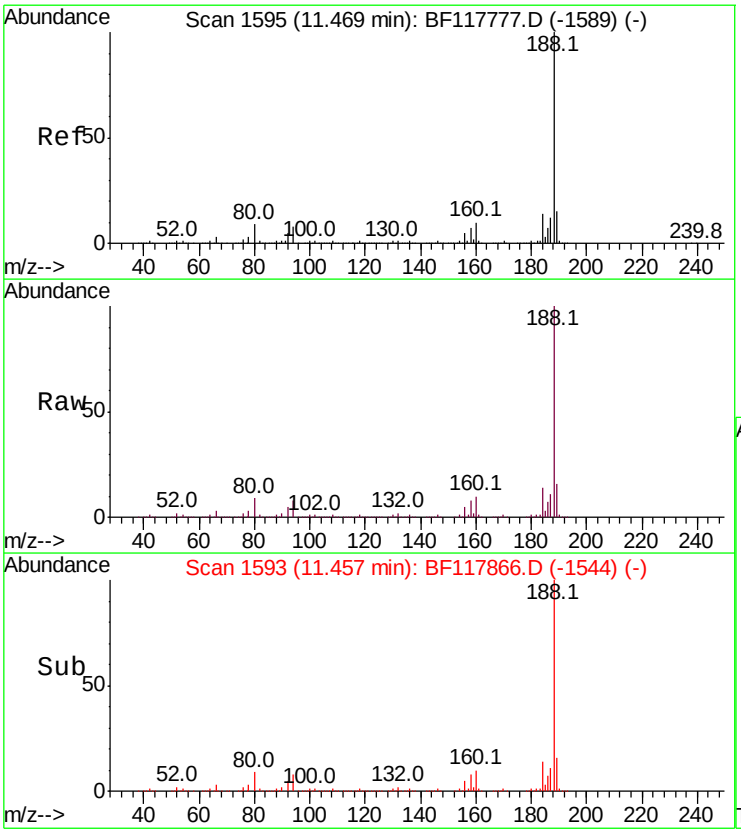
#57
2,4-Dinitrotoluene
Concen: 6.543 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 55699

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#

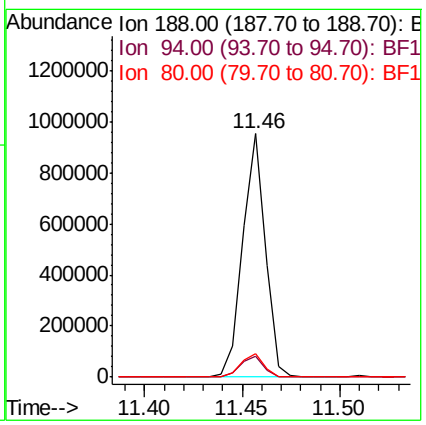


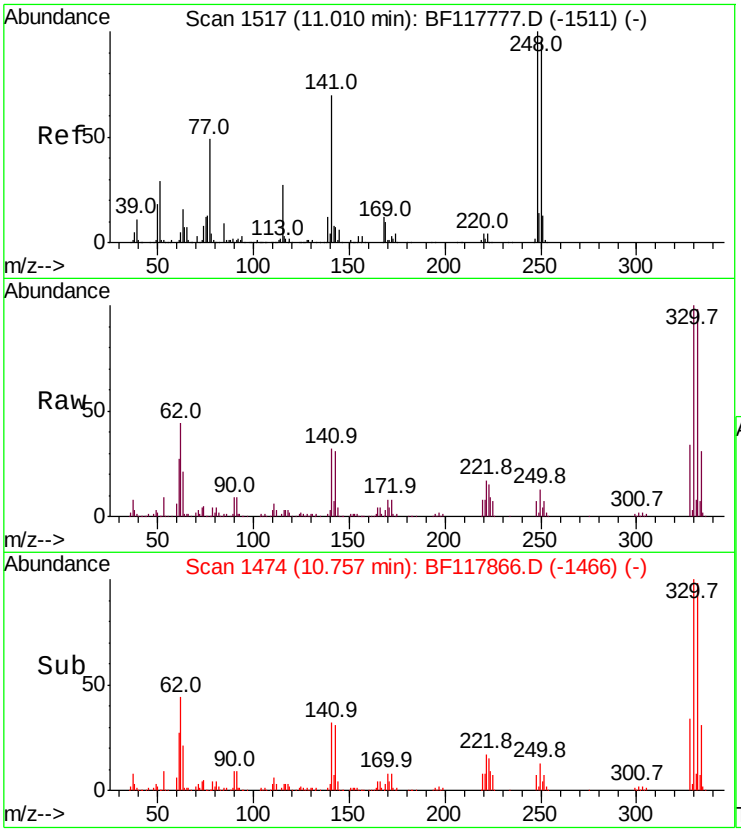


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:188 Resp: 767601

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.5	7.2	10.8



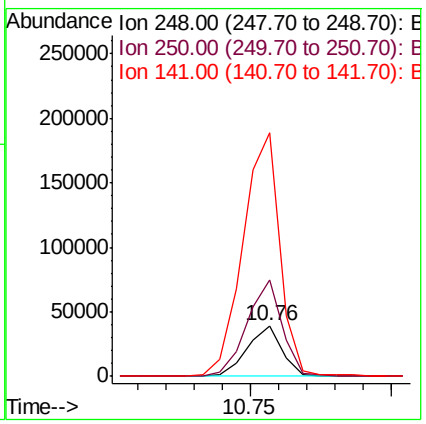


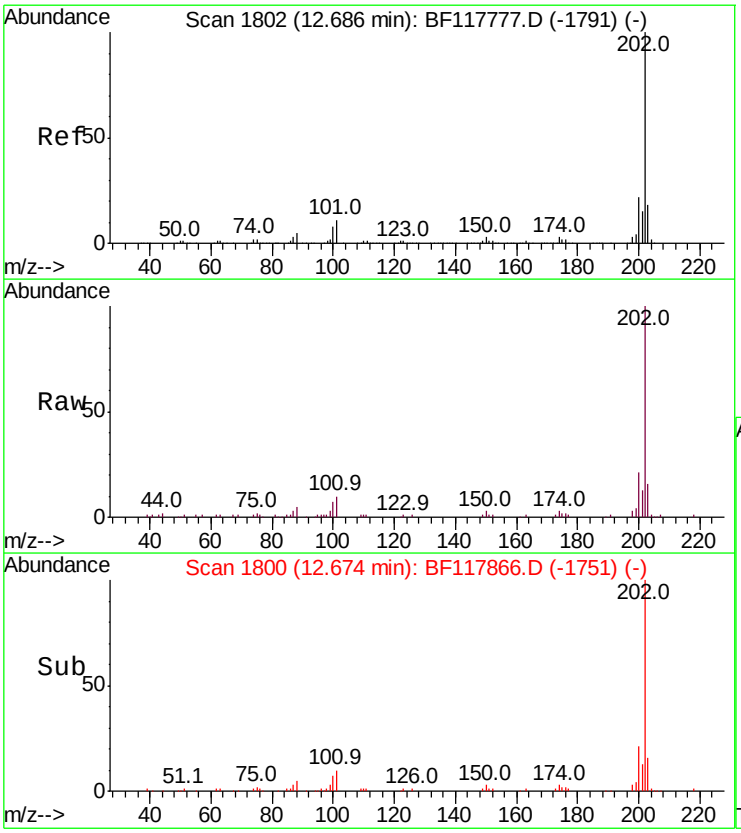
#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 33475

Ion	Ratio	Lower	Upper
248	100		
250	188.3	76.6	115.0#
141	478.5	55.9	83.9#

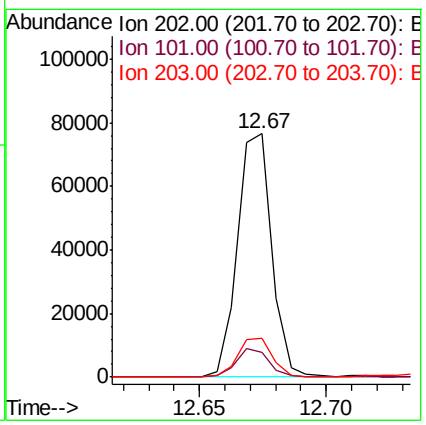


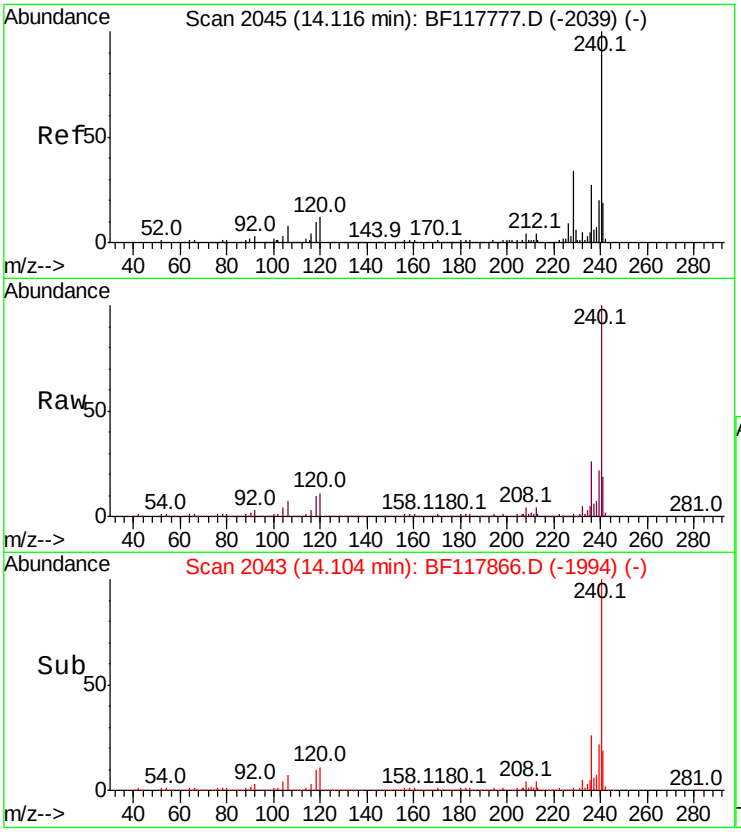


#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:202 Resp: 71890

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	15.7	0.0	38.2



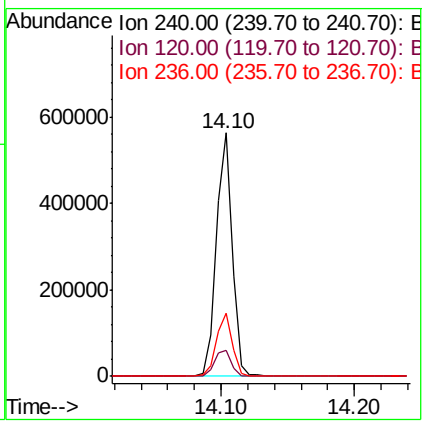


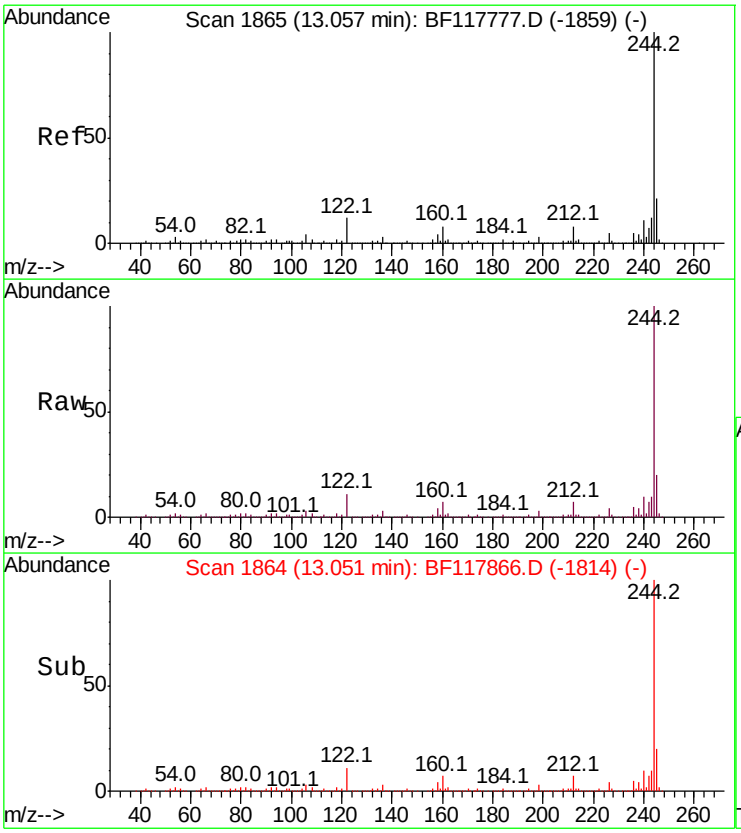
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 474813

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.1	21.3	31.9

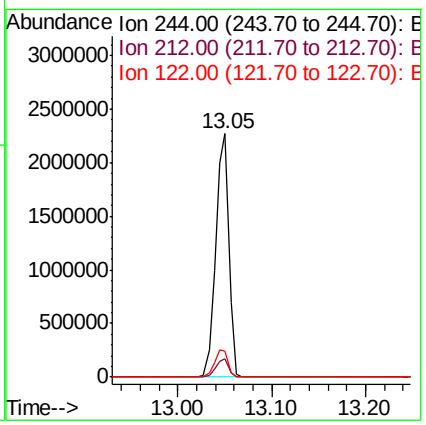


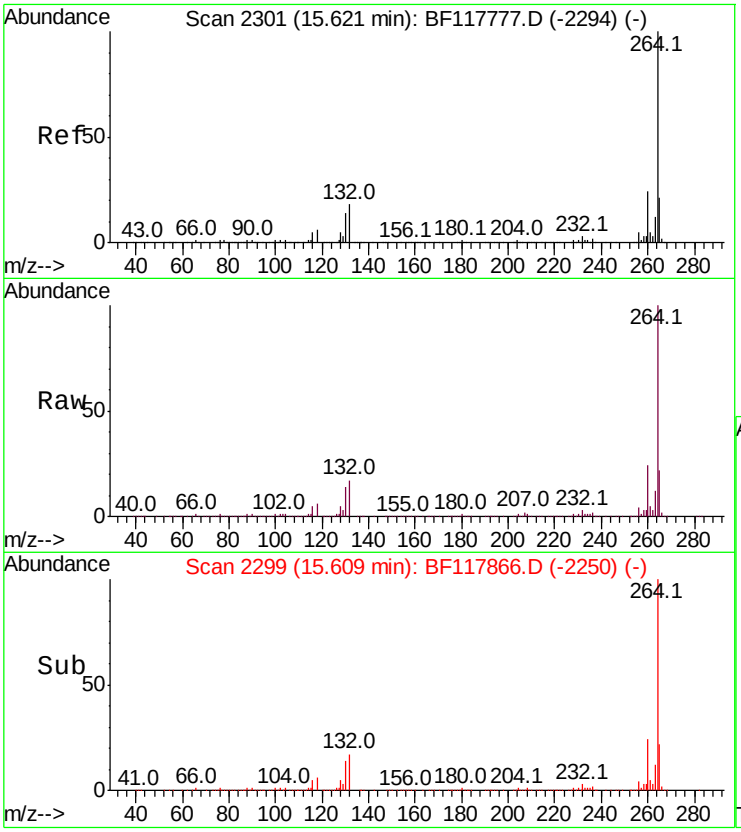


#79
Terphenyl-d14
Concen: 85.523 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:244 Resp: 2221889

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.7	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 501014

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	17.1	25.7