Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118029.D
Acq On : 27 Nov 2019 5:30
Operator : JU
Sample : K6014-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 07:50:47 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	103604	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	369514	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	158401	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	244459	20.00	ng	0.00
76) Chrysene-d12	14.09	240	193514	20.00	ng	0.00
87) Perylene-d12	15.59	264	154460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	598241	102.21	ng	0.02
7) Phenol-d6	6.52	99	891056	126.22	ng	0.00
23) Nitrobenzene-d5	7.46	82	618044	99.43	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	103515	61.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1128526	127.82	ng	0.00
79) Terphenyl-d14	13.03	244	1040895	98.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1331	Below Cal	#	1
15) Benzyl Alcohol	7.05	79	11276	2.069	ng	# 48
19) n-Nitroso-di-n-propylamine	7.46	70	81709	18.761	ng	# 74
25) Isophorone	7.46	82	617926	54.238	ng	# 62
50) Dimethylphthalate	9.65	163	26055	2.346	ng	98
51) 2,6-Dinitrotoluene	9.94	165	20086	8.274	ng	# 23
57) 2,4-Dinitrotoluene	9.94	165	20086	6.504	ng	# 24
67) 4-Bromophenyl-phenylether	10.73	248	6527	2.475	ng	# 1
75) Fluoranthene	12.65	202	937	Below Cal		67

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

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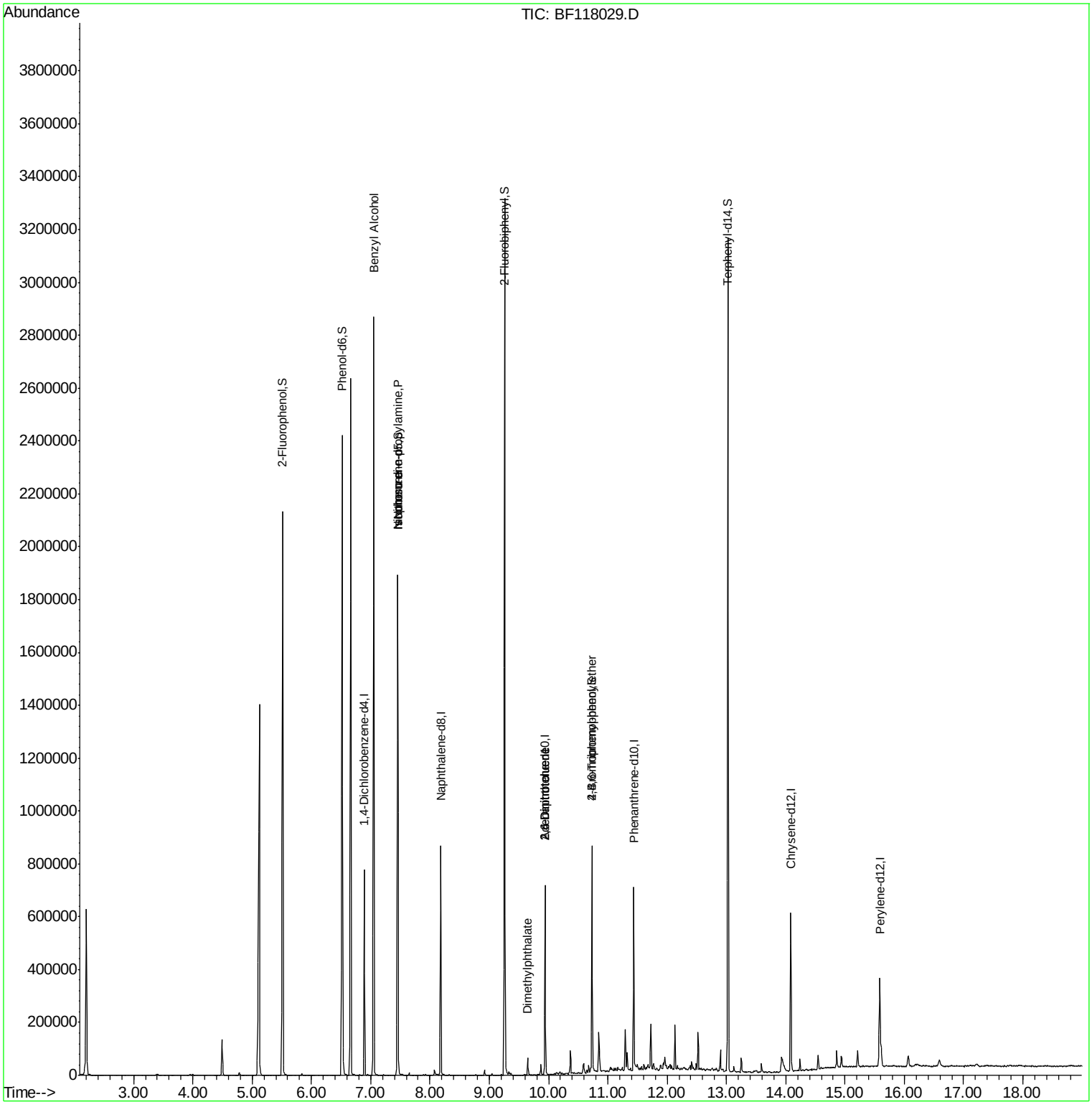
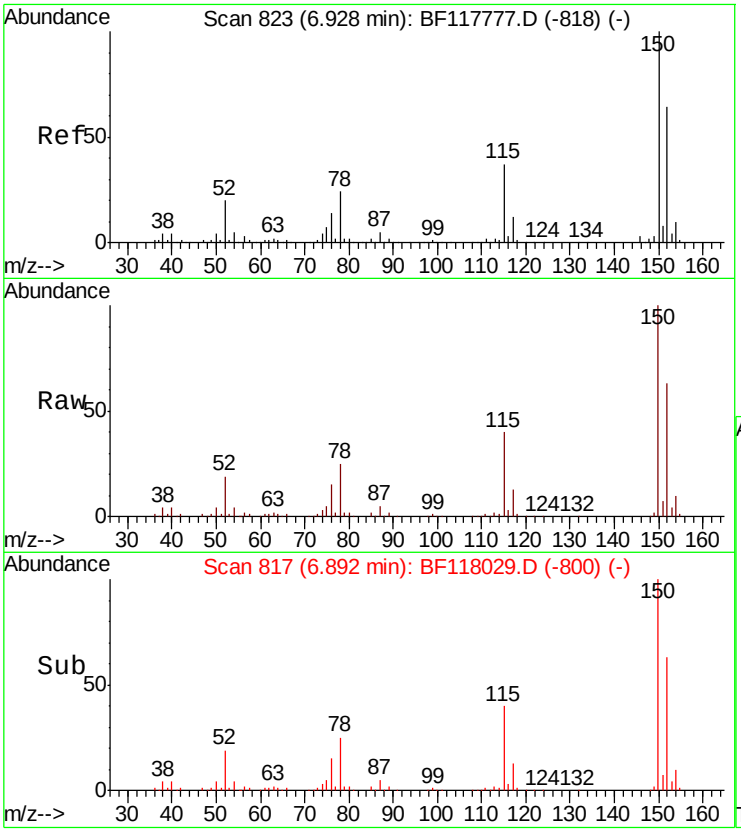


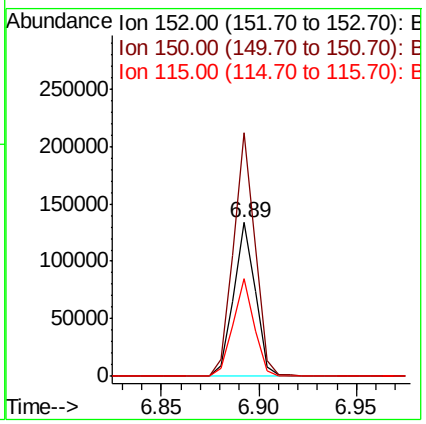


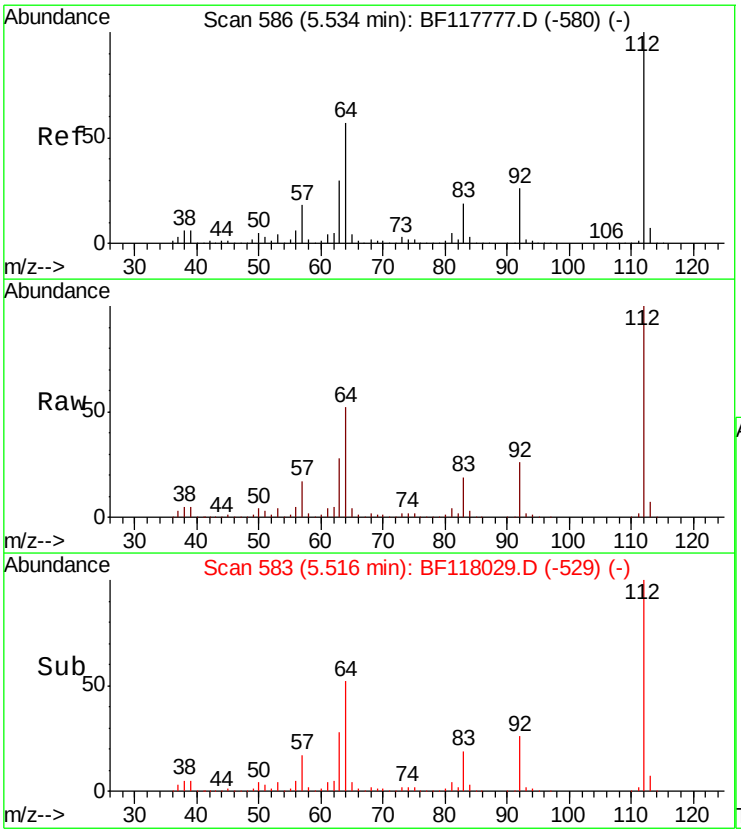
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103604

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.3	187.9
115	63.8	47.0	70.4

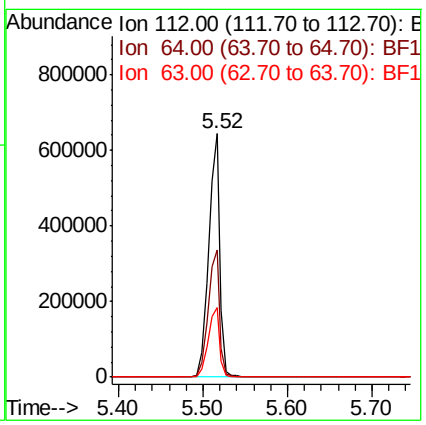


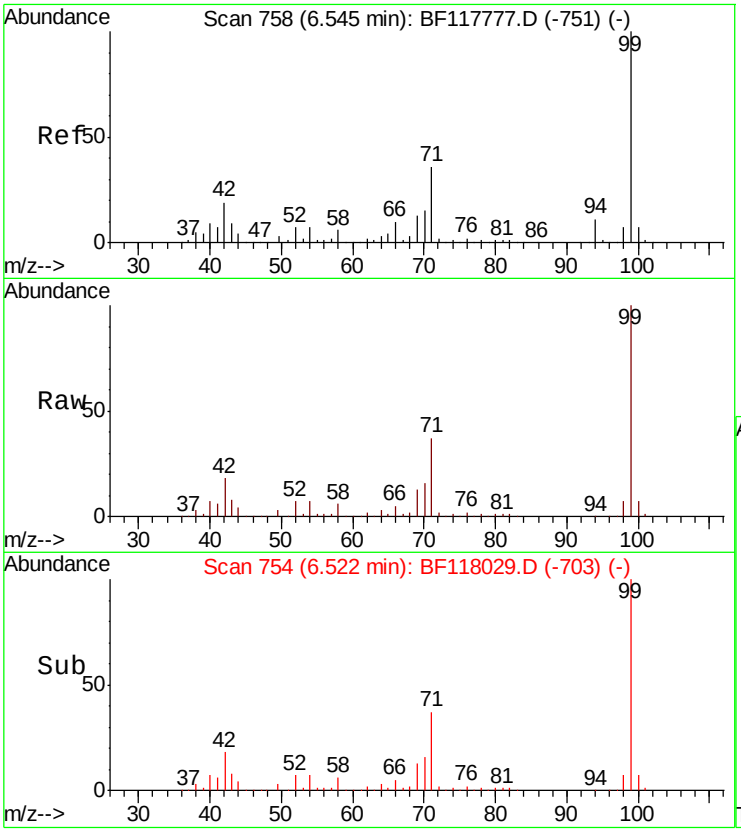


#5
2-Fluorophenol
Concen: 102.211 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:112 Resp: 598241

Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.6	68.4
63	28.3	24.1	36.1



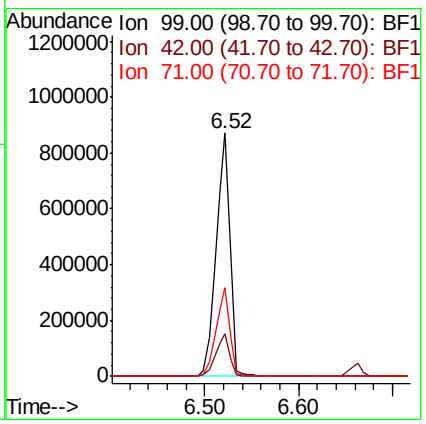


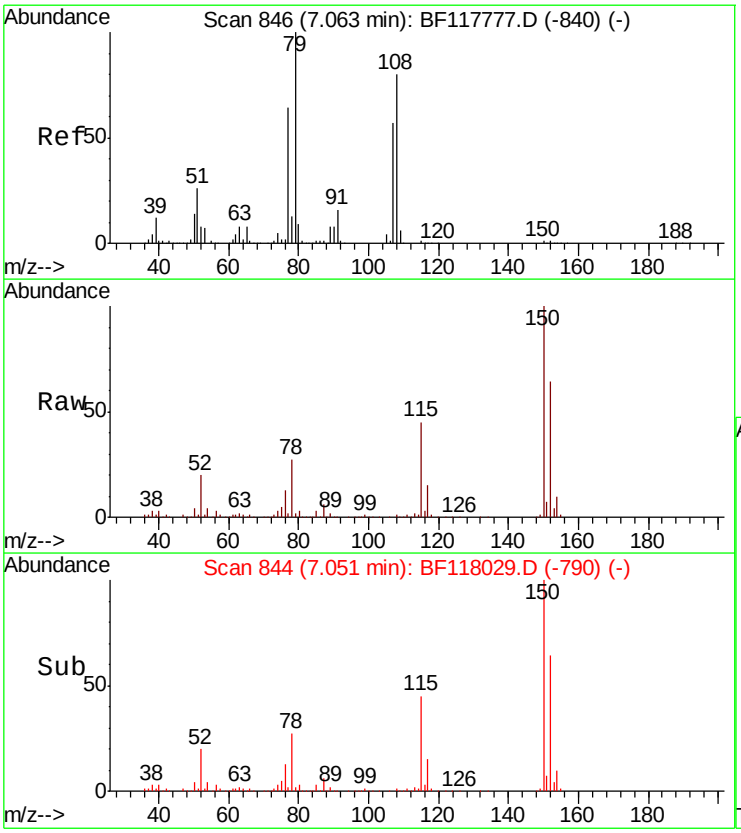
#7
Phenol-d6
Concen: 126.218 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 891056

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	36.6	28.6	43.0

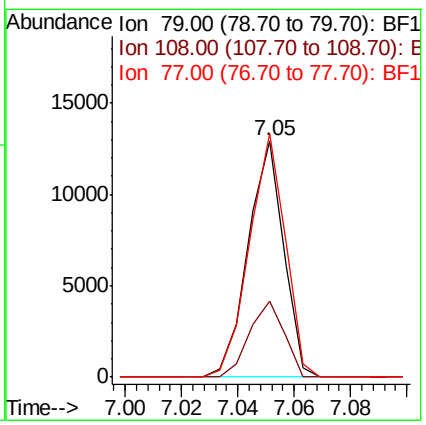


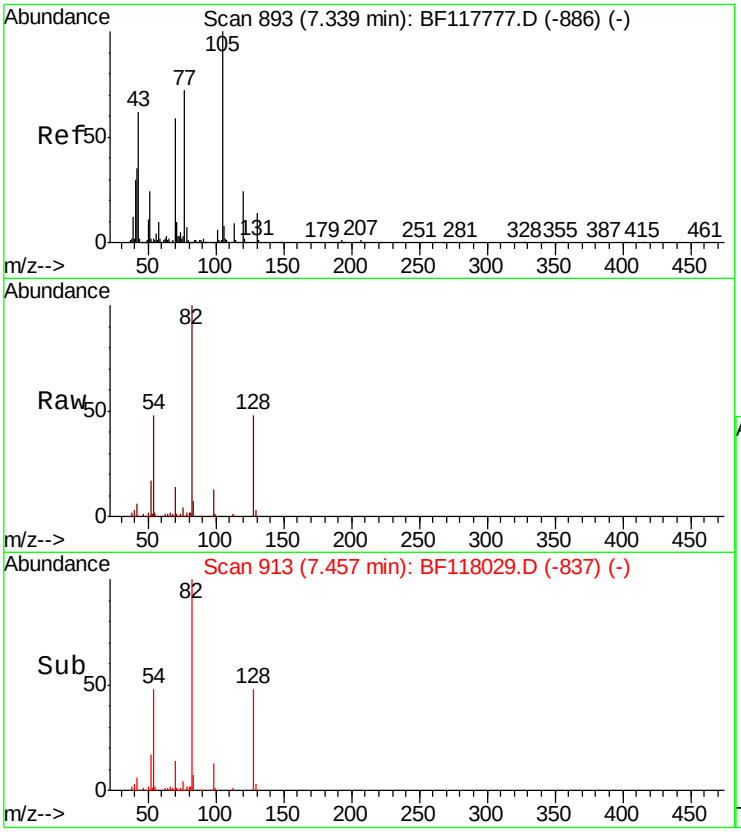


#15
Benzyl Alcohol
Concen: 2.069 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion: 79 Resp: 11276

Ion	Ratio	Lower	Upper
79	100		
108	32.3	64.1	96.1#
77	103.1	51.3	76.9#



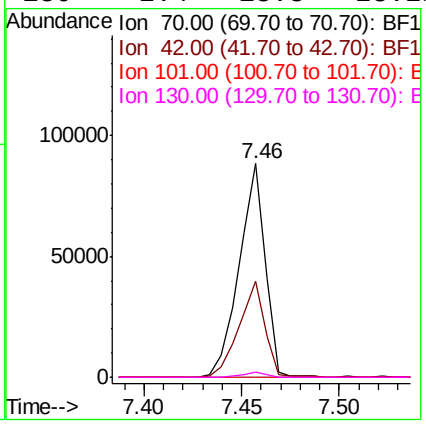


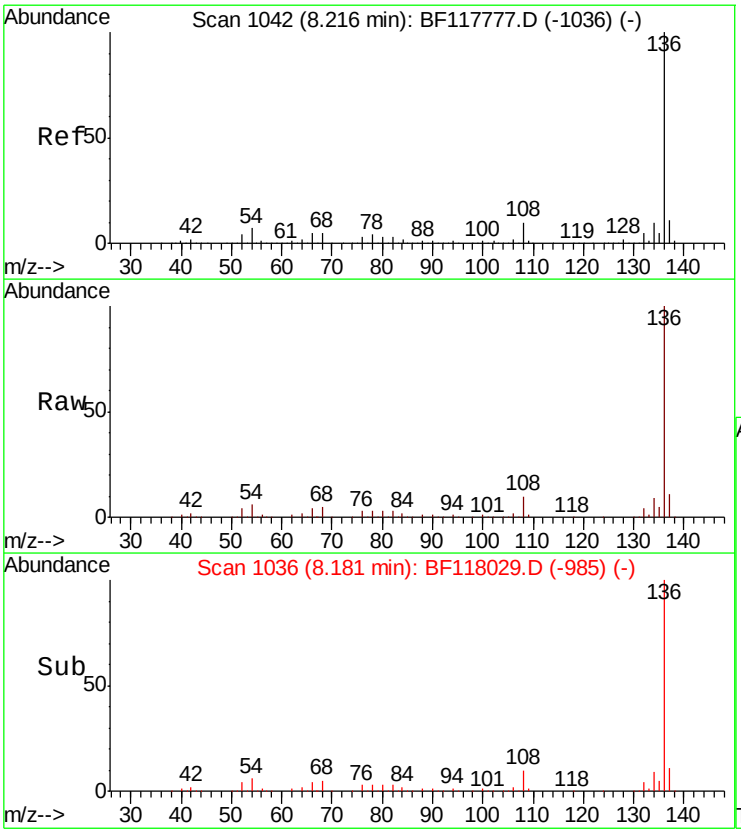
#19
n-Nitroso-di-n-propylamine
Concen: 18.761 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 81709

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.4	71.2#
101	0.0	8.4	12.6#
130	2.4	18.8	28.2#

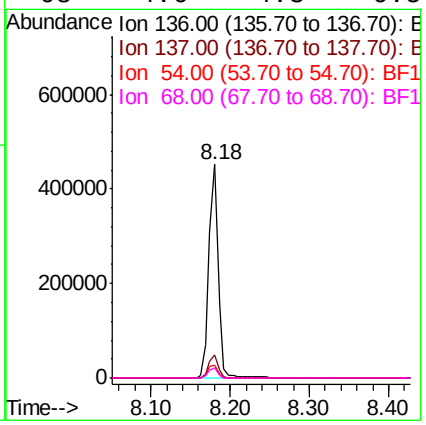


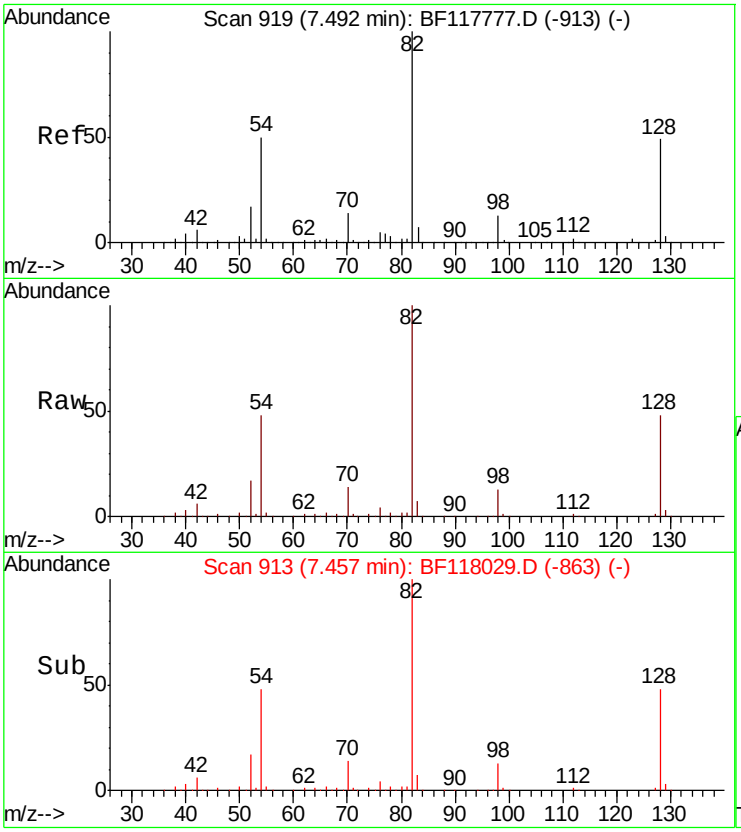


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:136 Resp: 369514

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.1	5.4	8.2
68	4.6	4.3	6.5



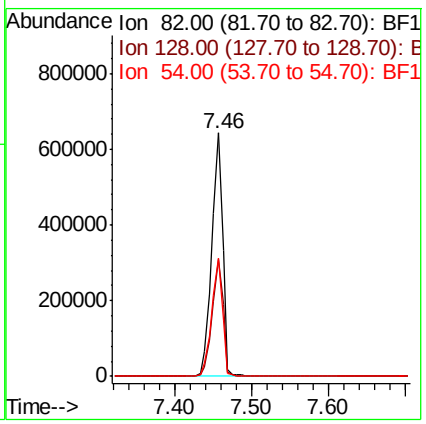


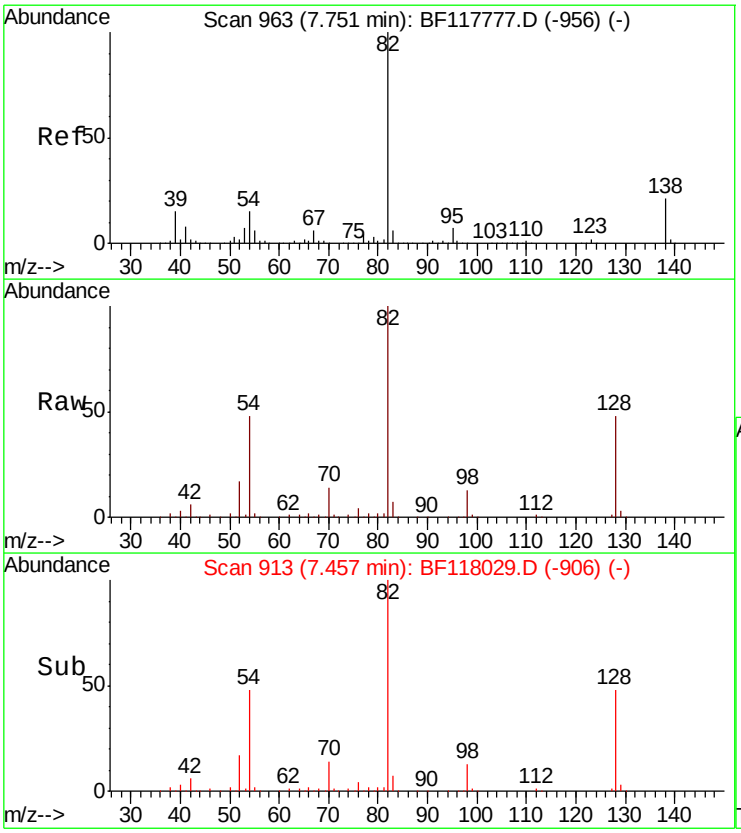
#23
Nitrobenzene-d5
Concen: 99.428 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 618044

Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.9	58.3
54	48.5	39.8	59.6

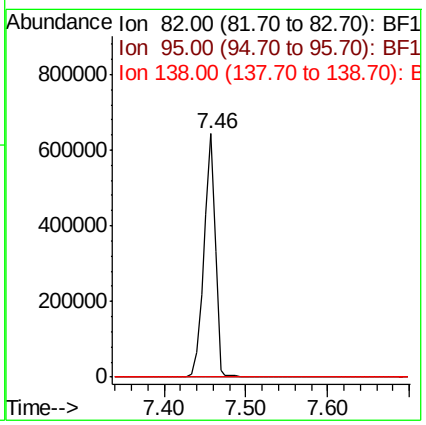


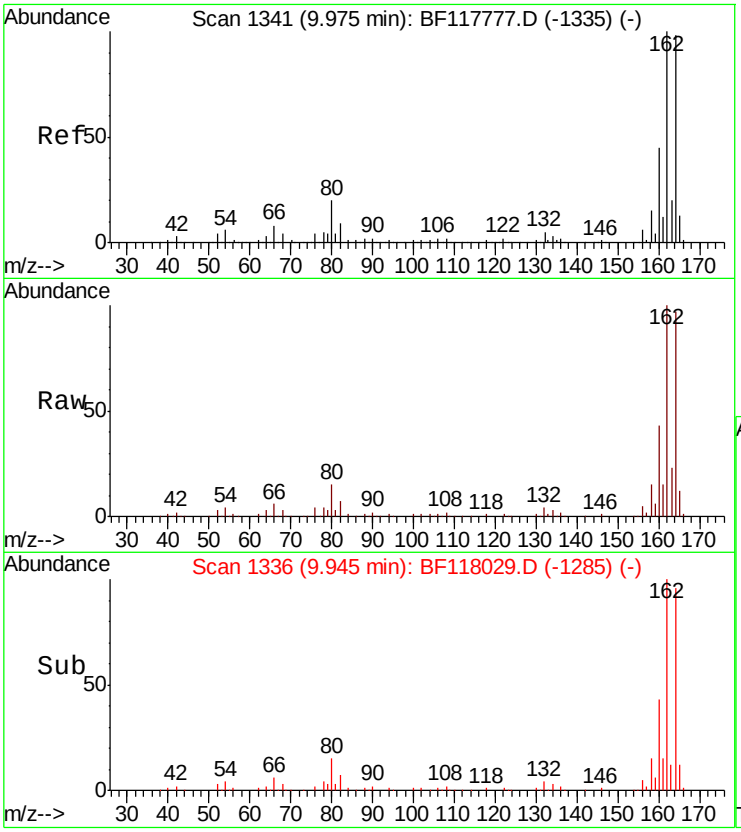


#25
Isophorone
Concen: 54.238 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion: 82 Resp: 617926

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



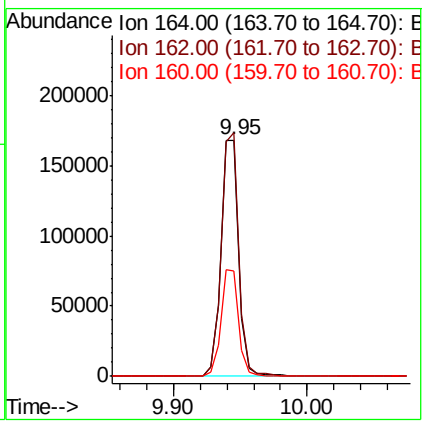


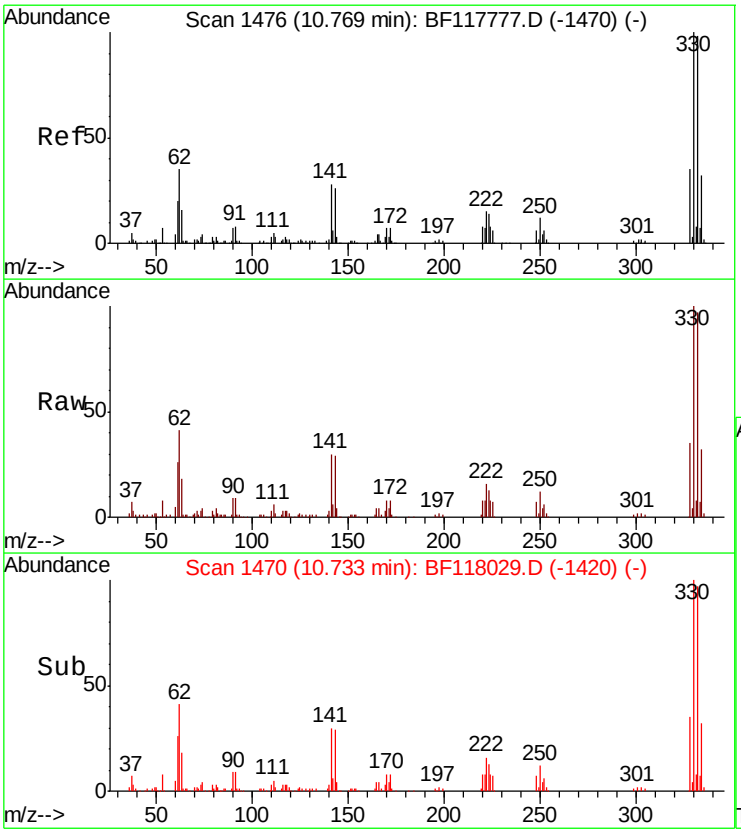
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 158401

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	44.4	36.6	55.0

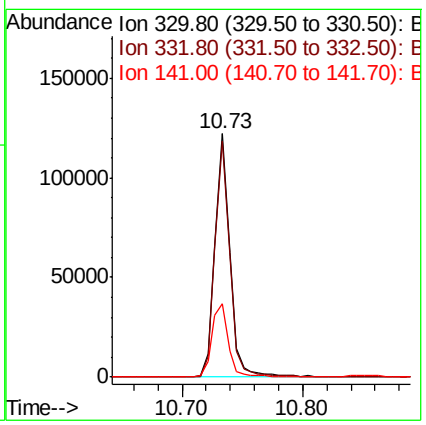


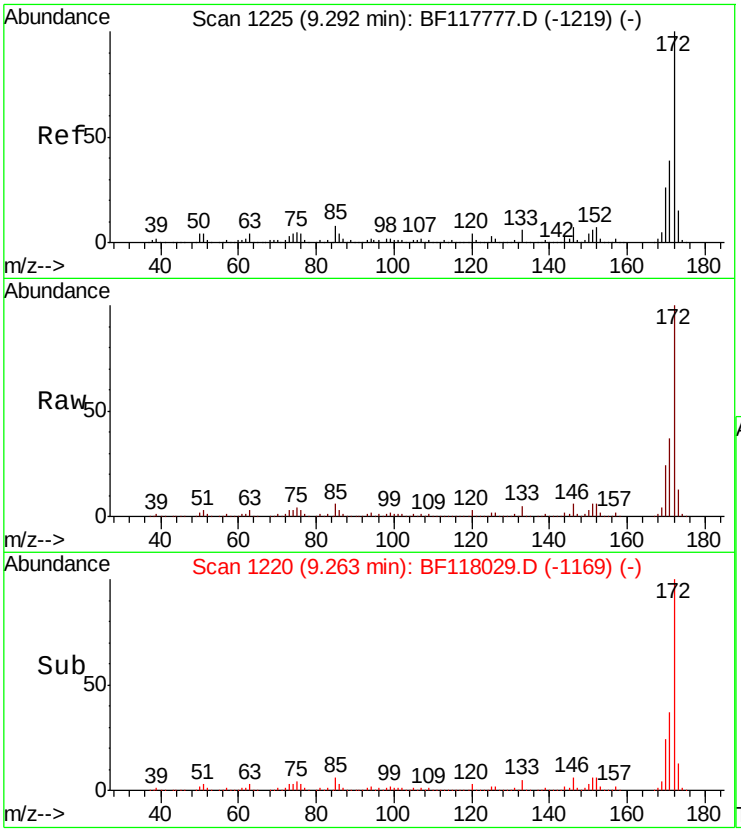


#42
2,4,6-Tribromophenol
Concen: 61.727 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:330 Resp: 103515

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	33.4	27.7	41.5



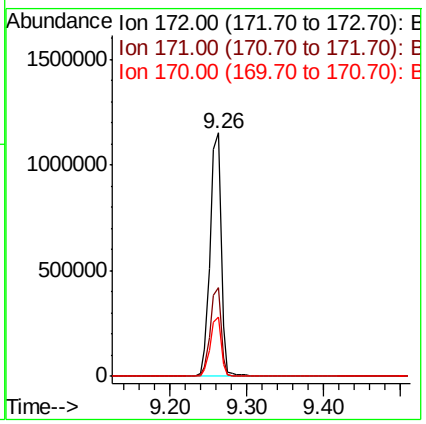


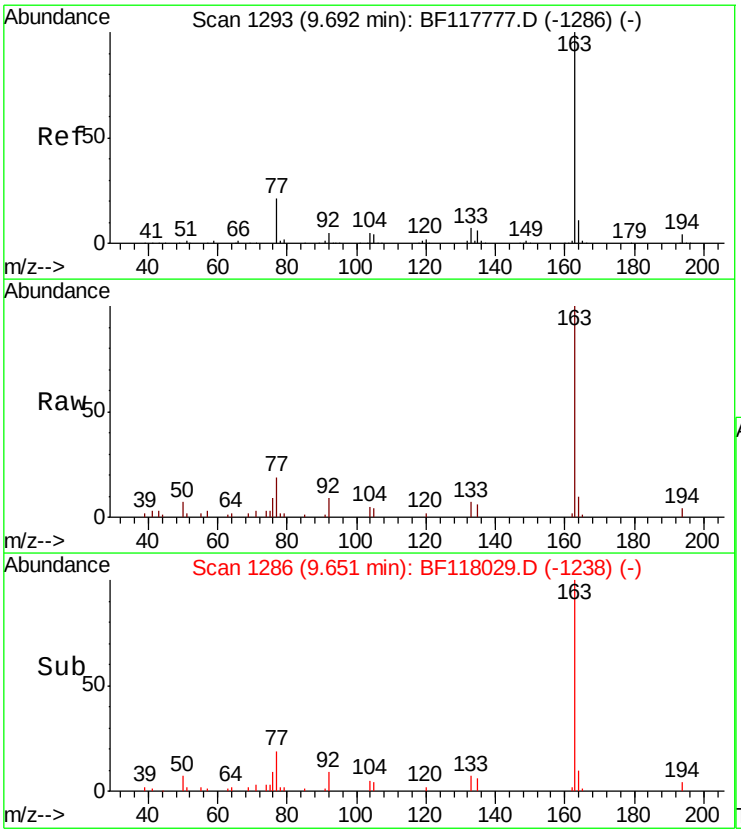
#45
2-Fluorobiphenyl
Concen: 127.816 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1128526

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.2	21.0	31.4

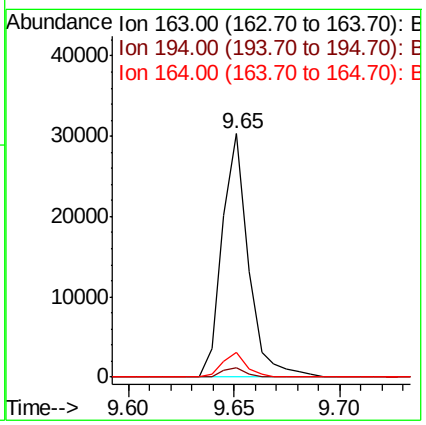


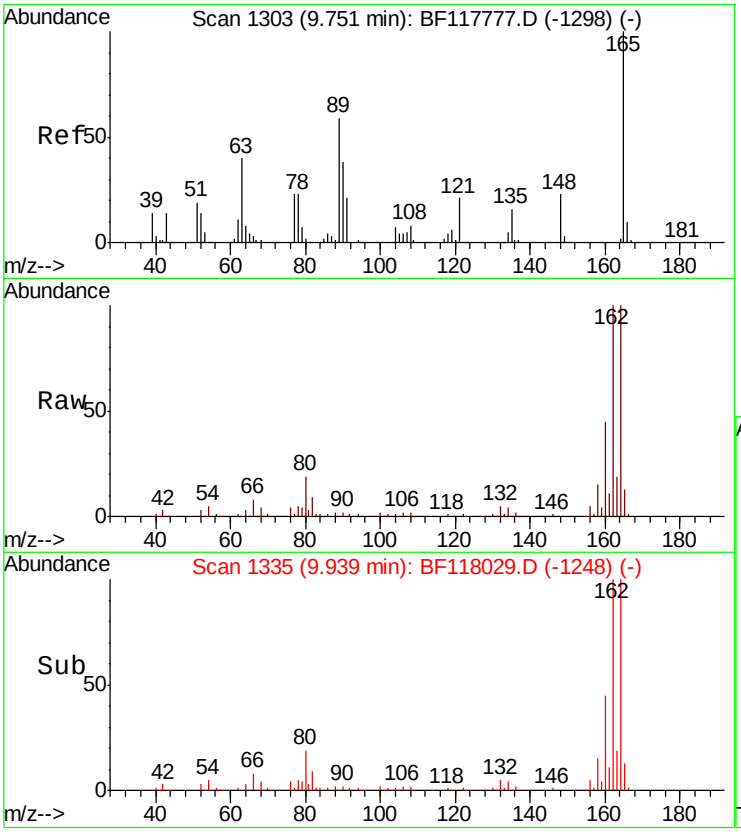


#50
Dimethylphthalate
Concen: 2.346 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:163 Resp: 26055

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	8.7	13.1



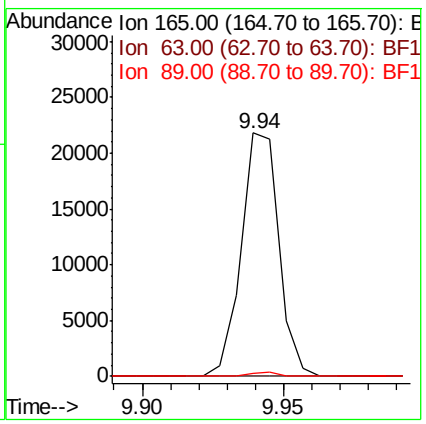


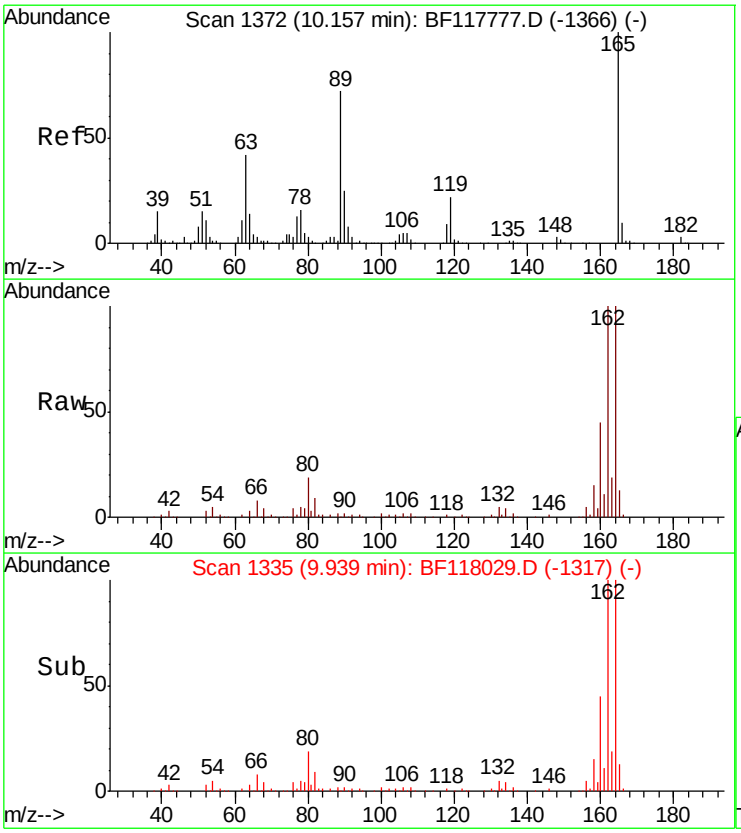
#51
2,6-Dinitrotoluene
Concen: 8.274 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.21 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20086

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.4	47.7	71.5#

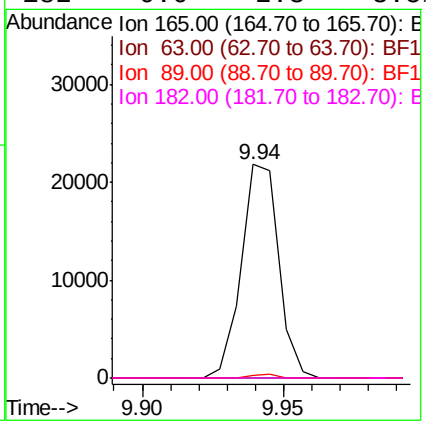


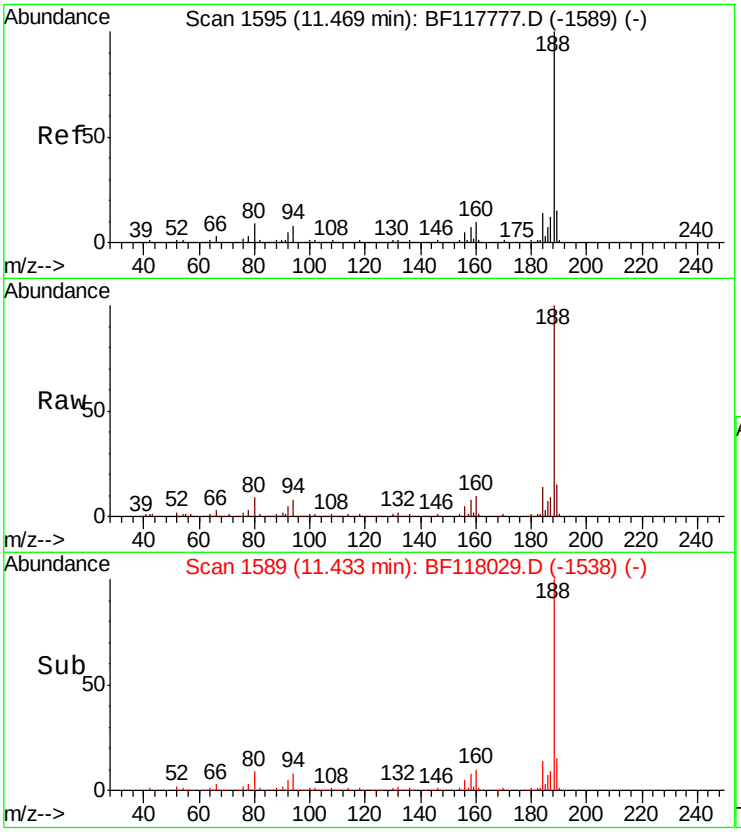


#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:165 Resp: 20086

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#



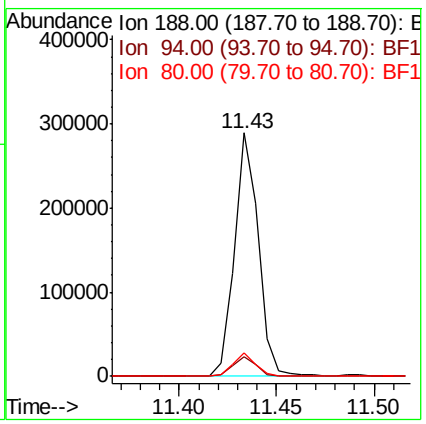


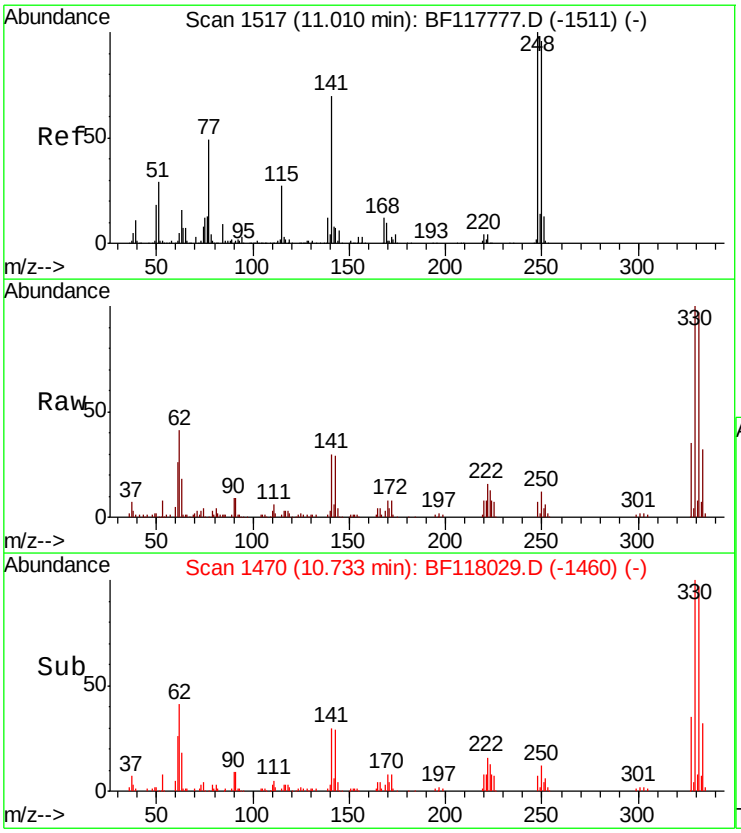
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 244459

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.4	7.2	10.8

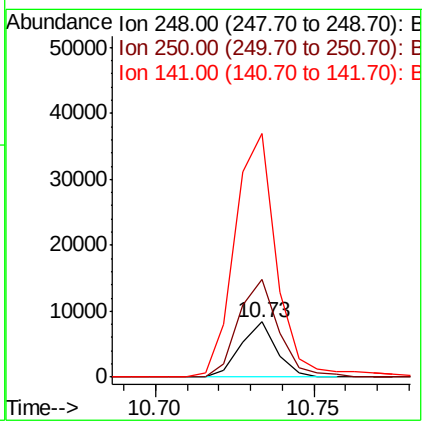


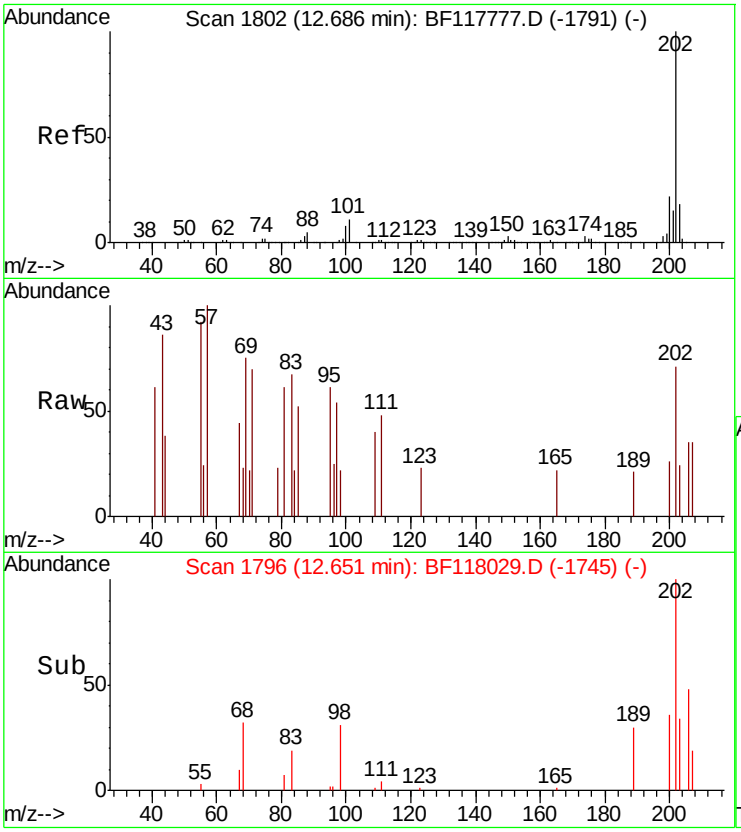


#67
4-Bromophenyl-phenylether
Concen: 2.475 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.24 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:248 Resp: 6527

Ion	Ratio	Lower	Upper
248	100		
250	176.8	76.6	115.0#
141	441.1	55.9	83.9#



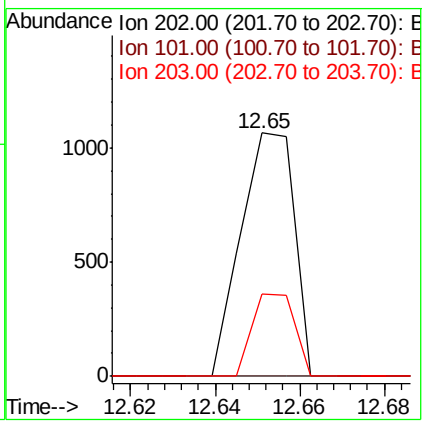


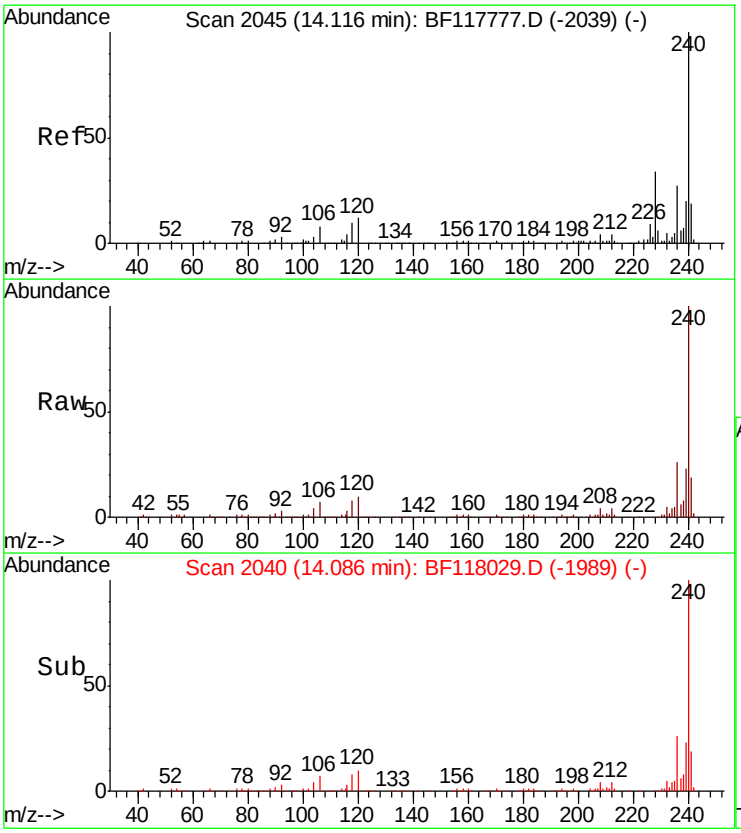
#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 937

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	33.7	0.0	38.2

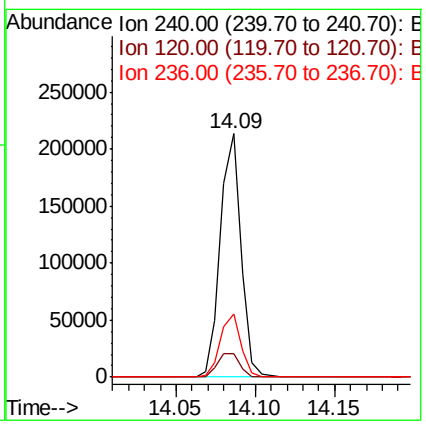


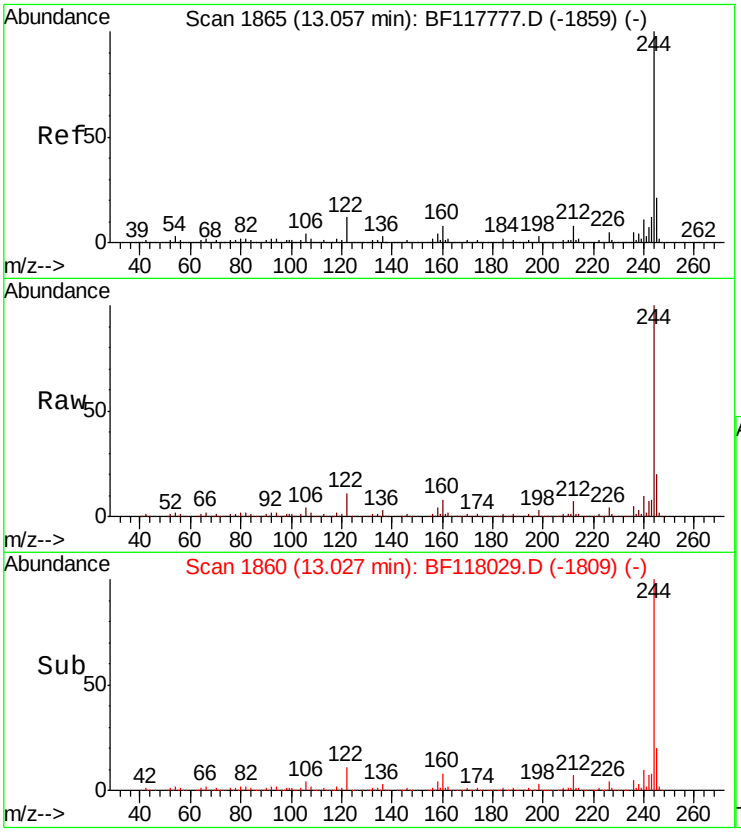


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:240 Resp: 193514

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.9	21.3	31.9



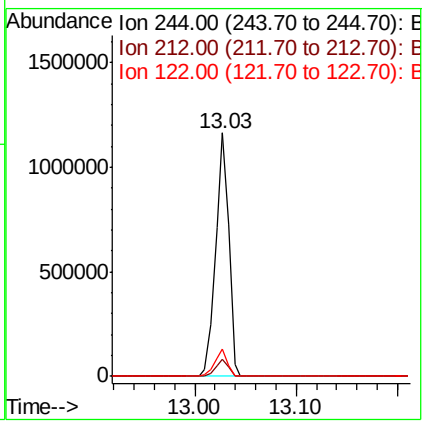


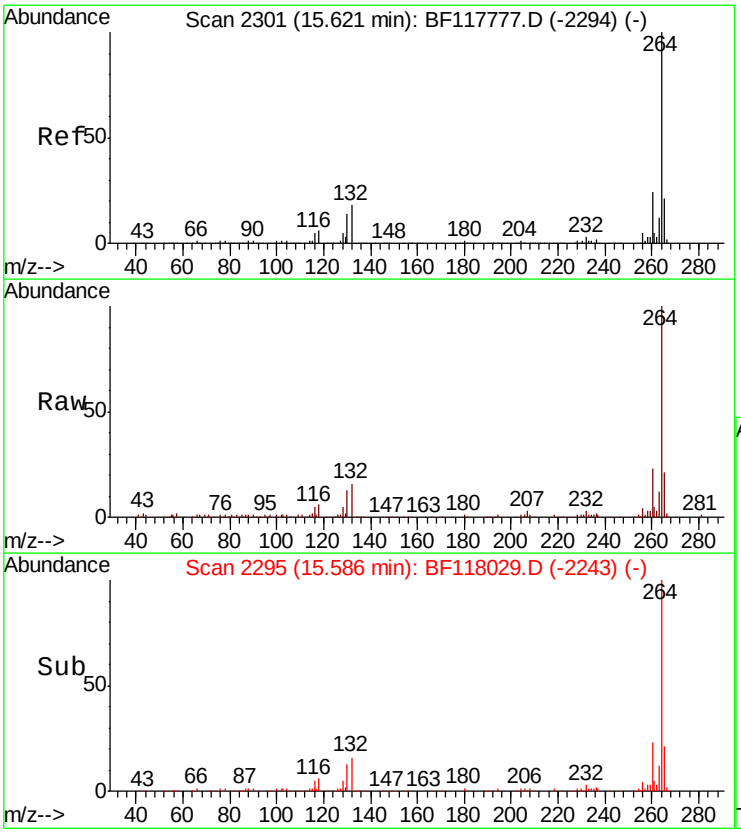
#79
Terphenyl-d14
Concen: 98.306 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1040895

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.0	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: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:264 Resp: 154460

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.4	17.1	25.7