Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012819\
Data File : BF112284.D
Acq On : 28 Jan 2019 19:39
Operator : JU/SJ
Sample : K1011-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-012519-A

Quant Time: Jan 29 00:07:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	213254	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	851339	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	396726	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	683510	20.00	ng	0.00
76) Chrysene-d12	14.00	240	454394	20.00	ng	-0.01
87) Perylene-d12	15.46	264	420429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	254227	25.32	ng	-0.01
7) Phenol-d6	6.48	99	320257	22.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	196132	13.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	77132	16.70	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	415165	14.80	ng	-0.01
79) Terphenyl-d14	12.94	244	326568	13.54	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	26025	2.705	ng	# 74
25) Isophorone	7.40	82	196130	8.462	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	51656	7.483	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	51656	5.878	ng	# 31
71) Phenanthrene	11.39	178	83481	2.349	ng	94
75) Fluoranthene	12.57	202	124172	3.258	ng	98
78) Pyrene	12.80	202	114916	3.653	ng	97
88) Benzo(b)fluoranthene	15.04	252	73901	2.939	ng	96
89) Benzo(k)fluoranthene	15.04	252	73901	3.068	ng	96

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

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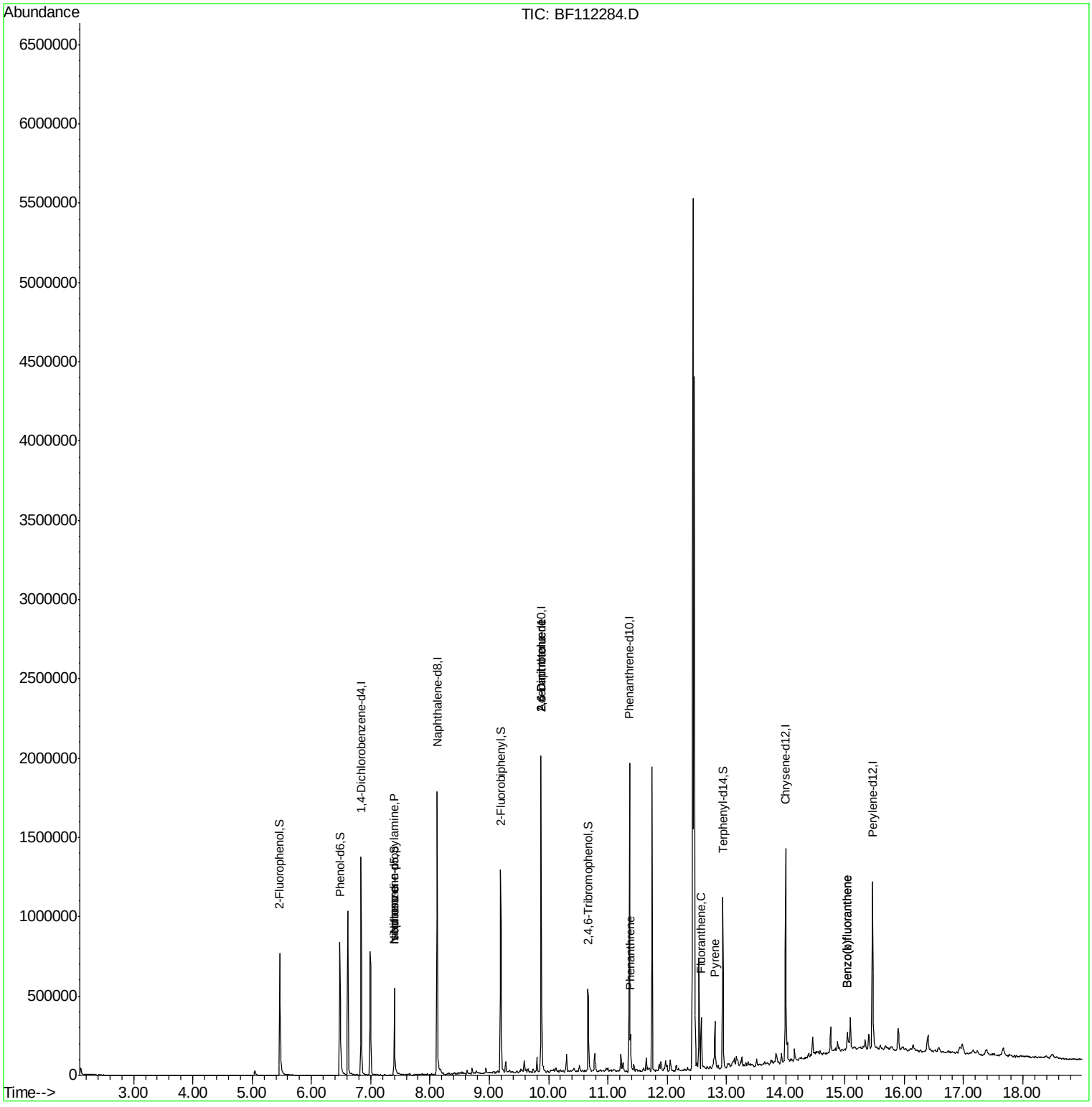
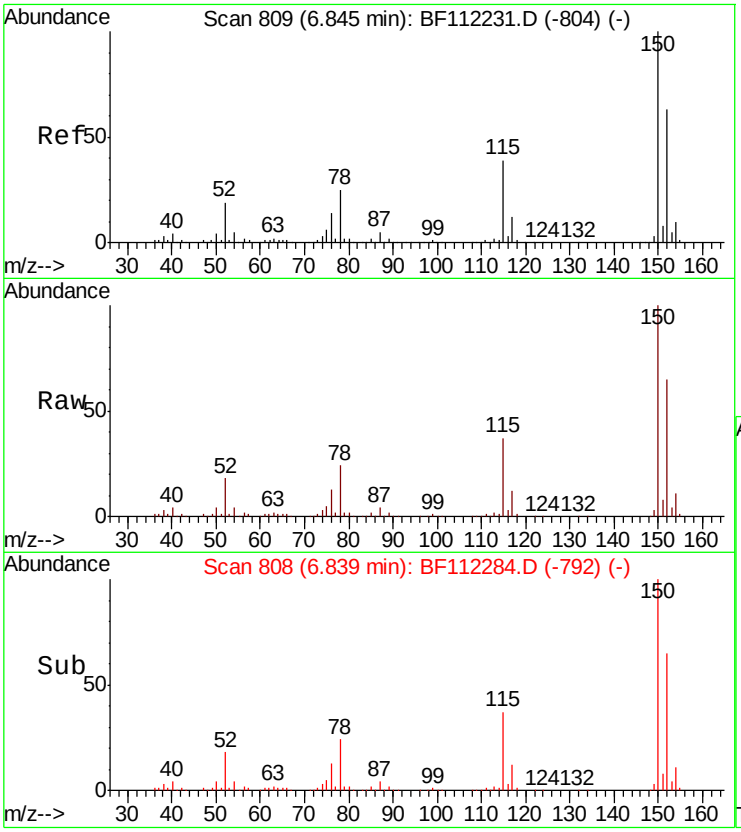


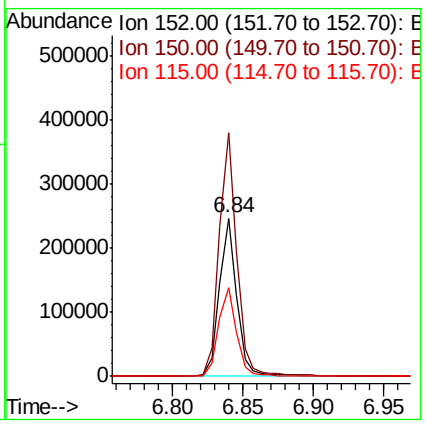


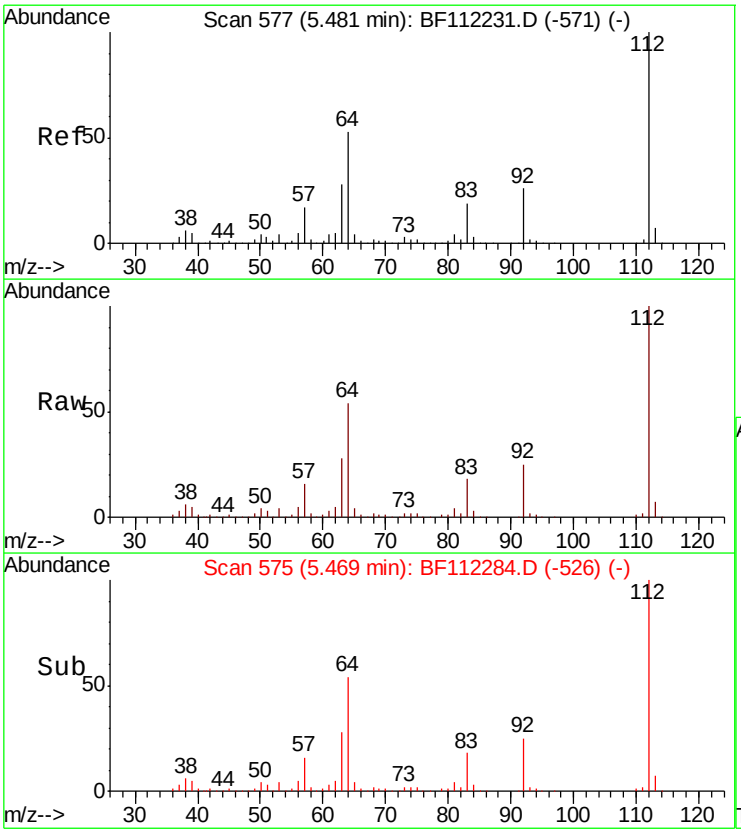
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:152 Resp: 213254

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.4	191.0
115	56.3	45.5	68.3

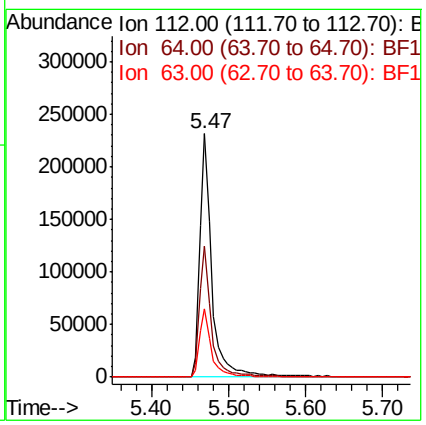


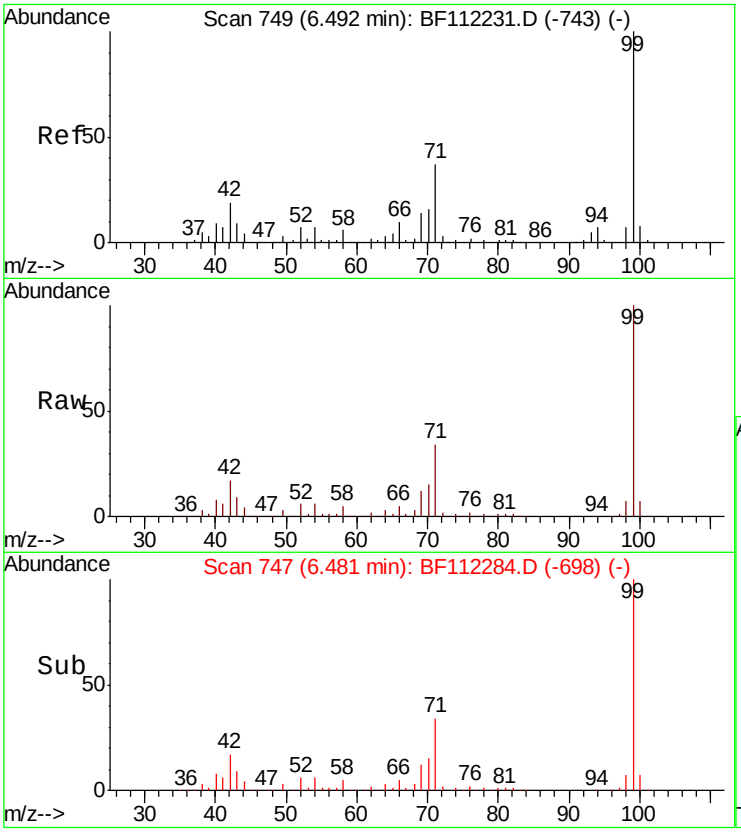


#5
2-Fluorophenol
Concen: 25.322 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:112 Resp: 254227

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.7	68.5
63	28.1	23.6	35.4



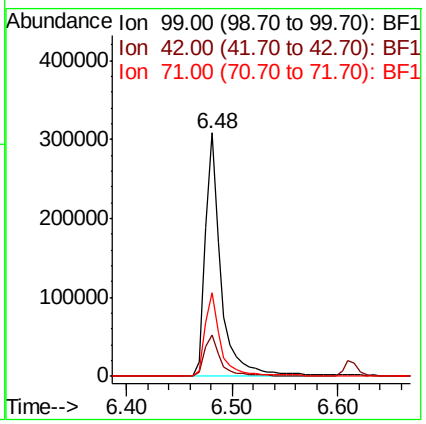


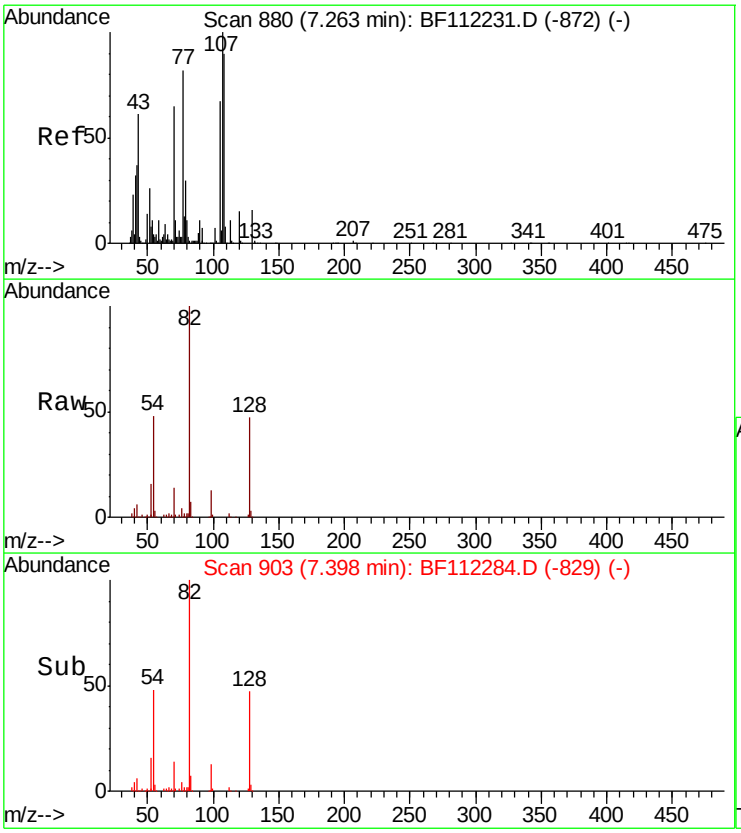
#7
Phenol-d6
Concen: 22.956 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion: 99 Resp: 320257

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.1	22.7
71	34.4	26.9	40.3

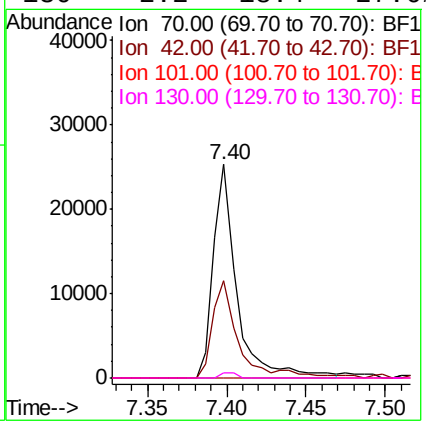


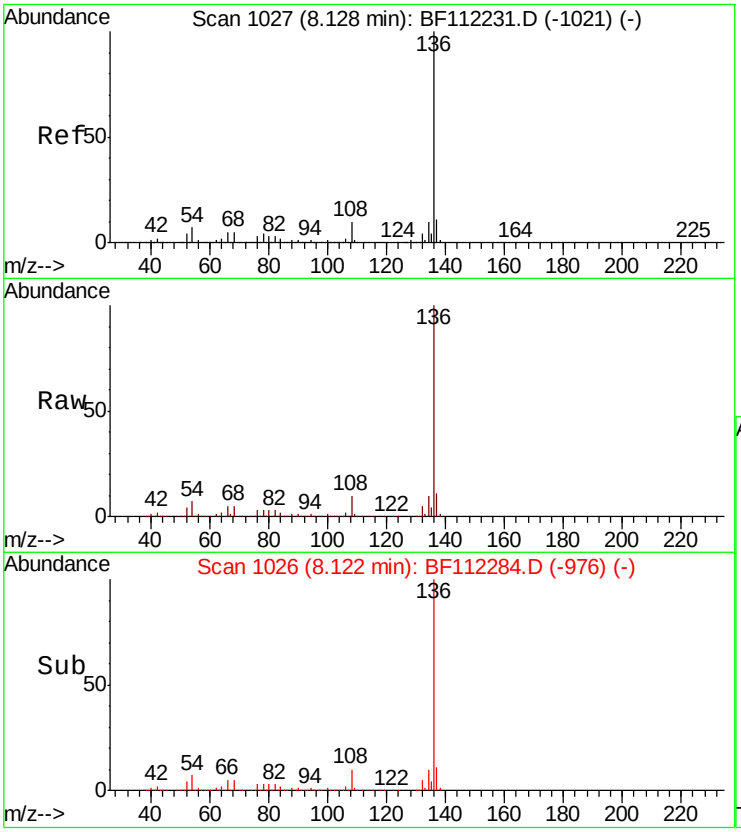


#19
n-Nitroso-di-n-propylamine
Concen: 2.705 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion: 70 Resp: 26025

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



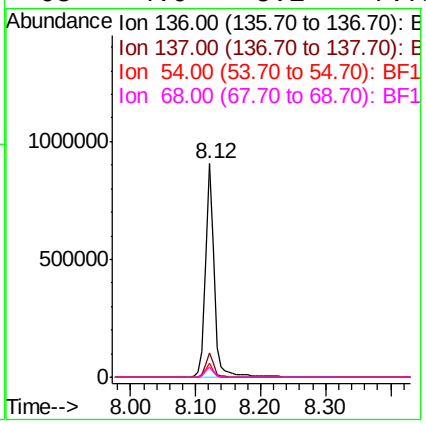


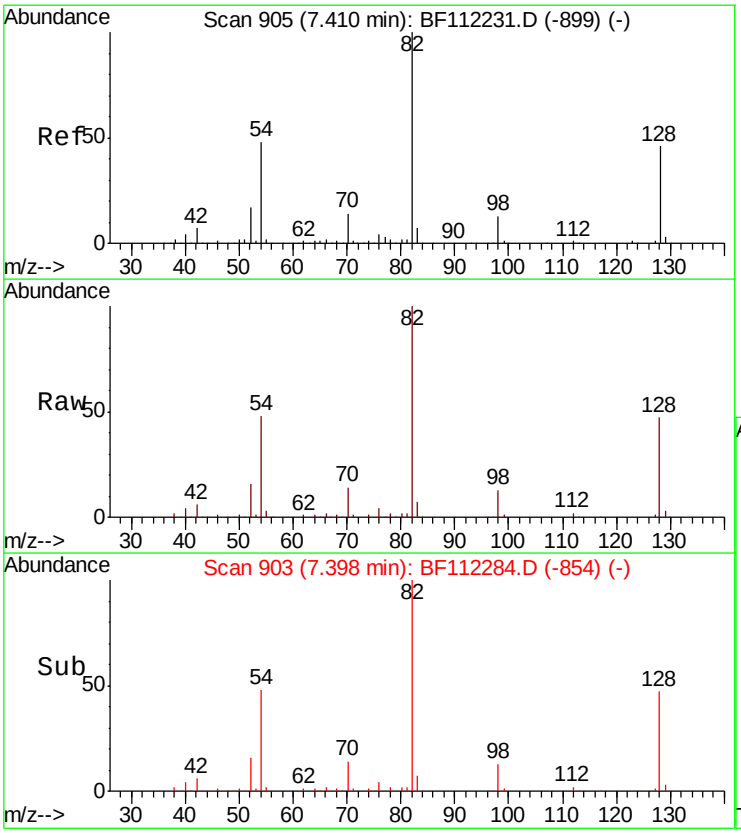
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:136 Resp: 851339

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.8	5.9	8.9
68	4.9	5.1	7.7#

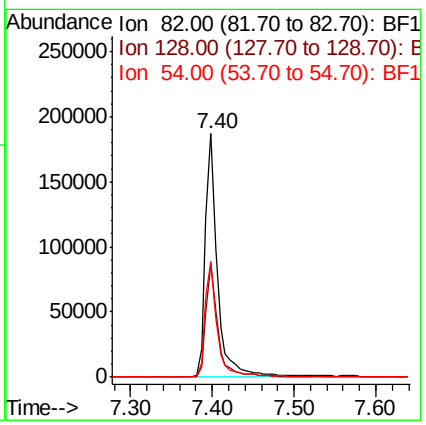


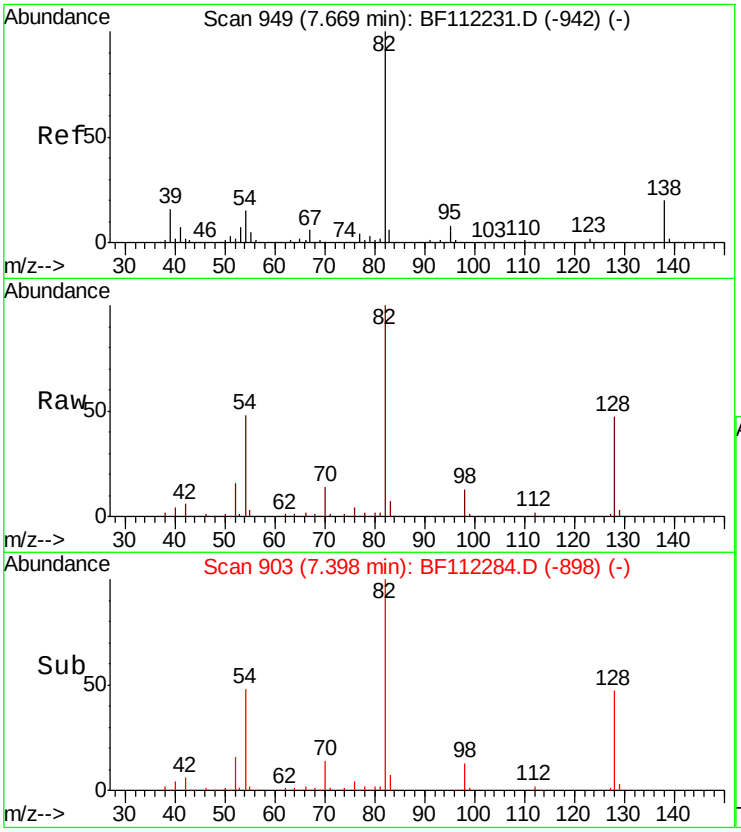


#23
Nitrobenzene-d5
Concen: 13.274 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion: 82 Resp: 196132

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	47.7	39.7	59.5



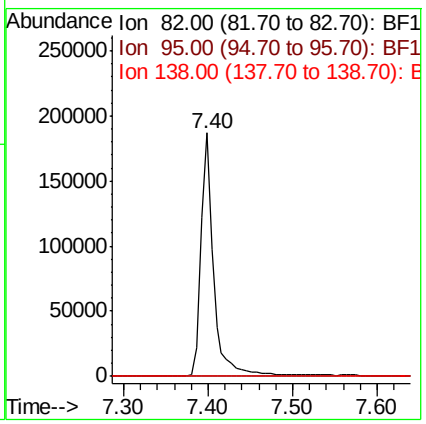


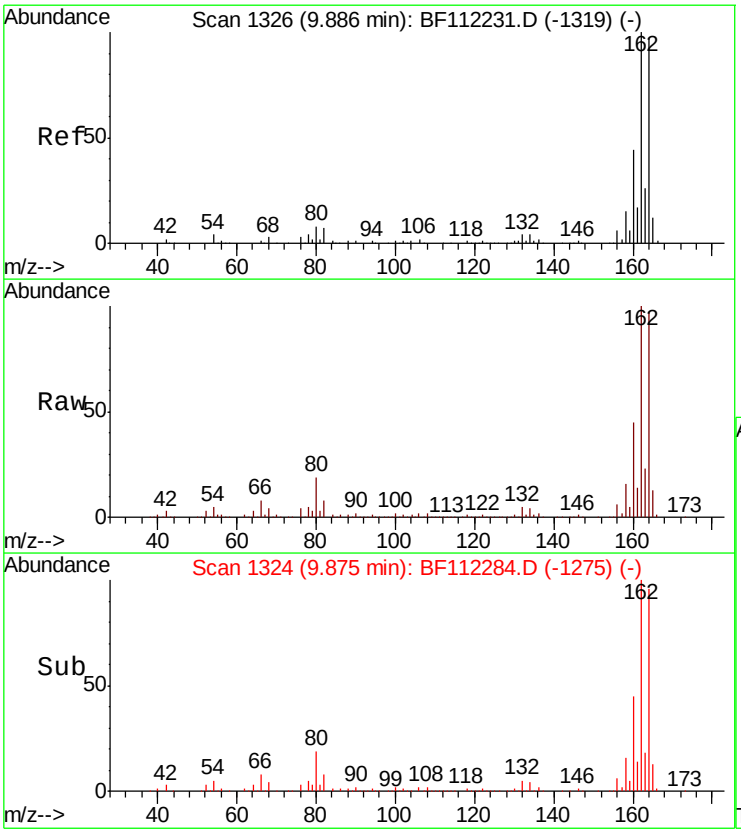
#25
Isophorone
Concen: 8.462 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion: 82 Resp: 196130

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

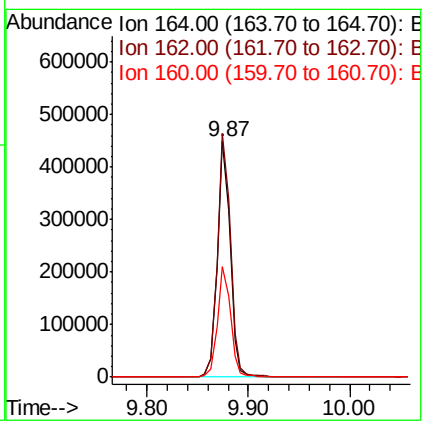


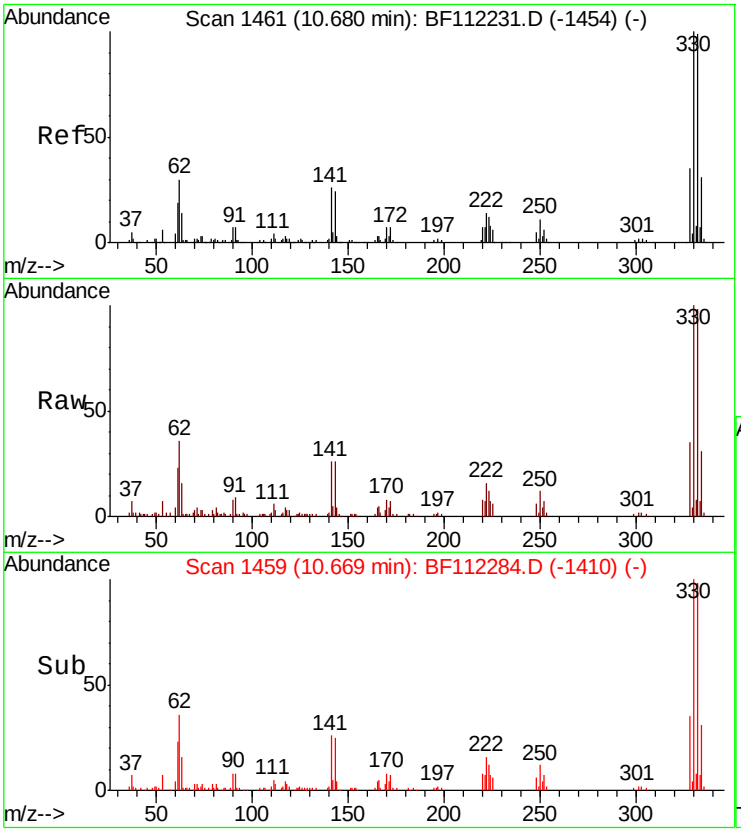


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:164 Resp: 396726

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	46.8	36.2	54.4



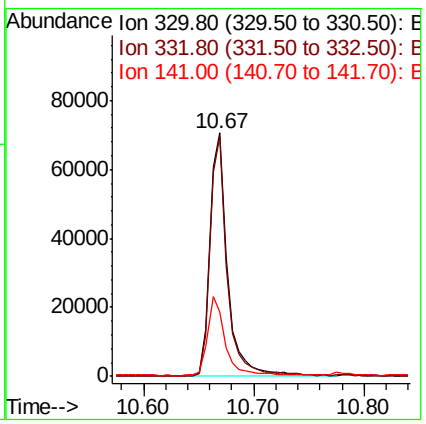


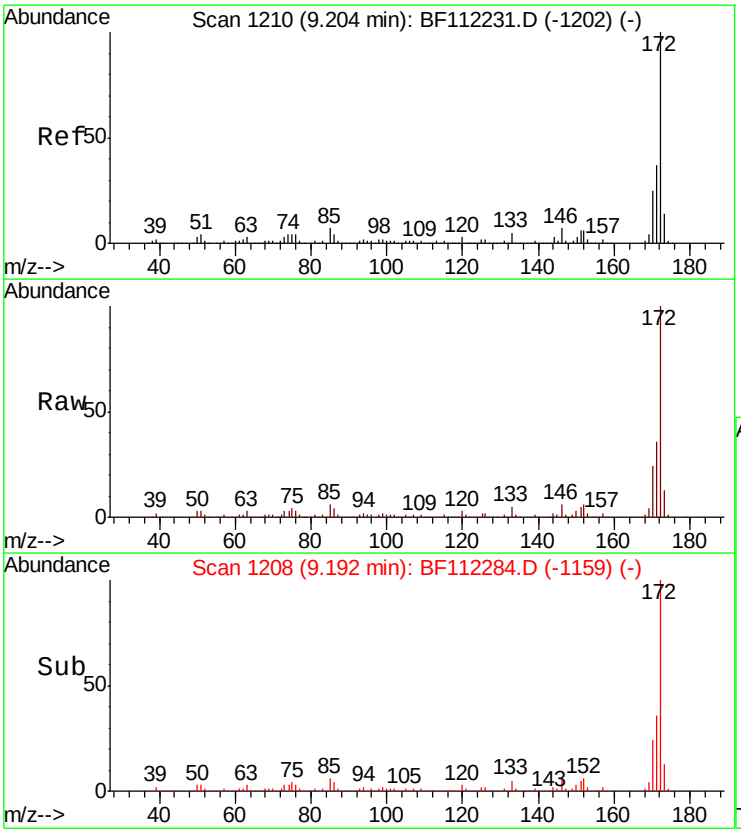
#42
2,4,6-Tribromophenol
Concen: 16.703 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:330 Resp: 77132

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	33.8	24.3	36.5

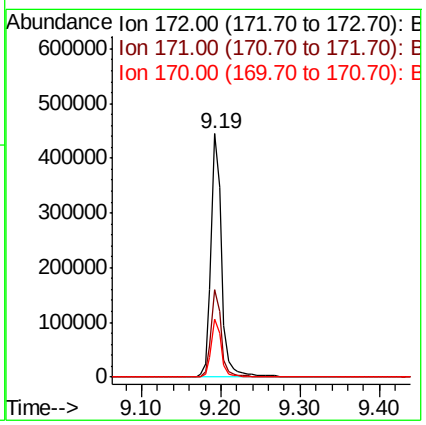


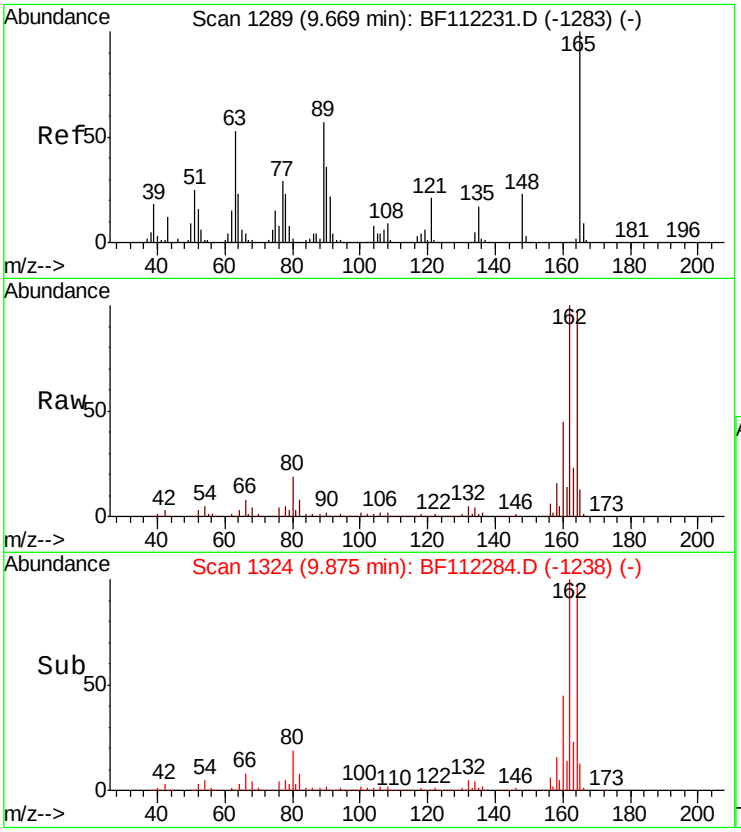


#45
2-Fluorobiphenyl
Concen: 14.801 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:172 Resp: 415165

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.6	20.2	30.4



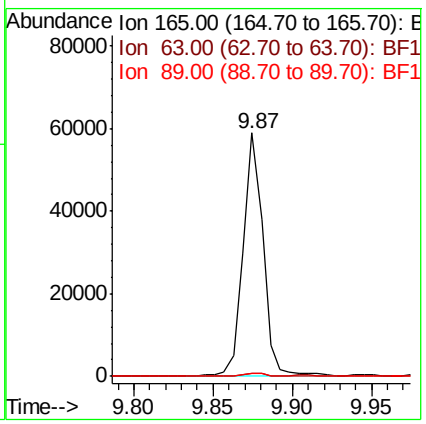


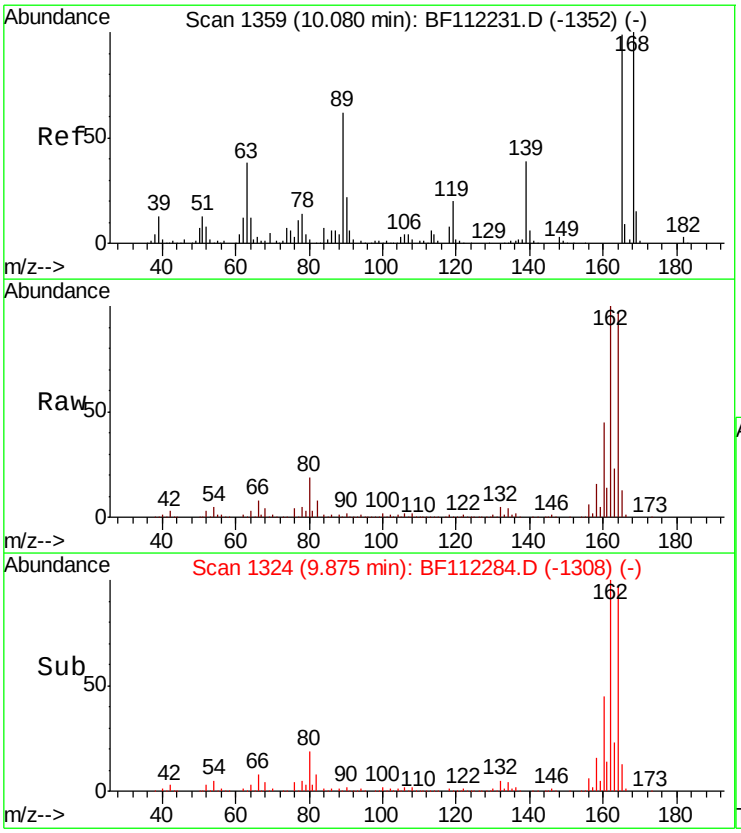
#51
2,6-Dinitrotoluene
Concen: 7.483 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:165 Resp: 51656

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.3	36.9	55.3#

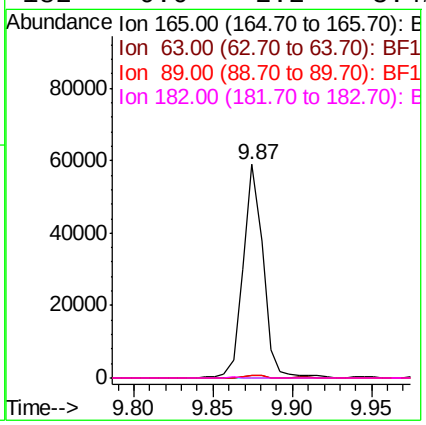


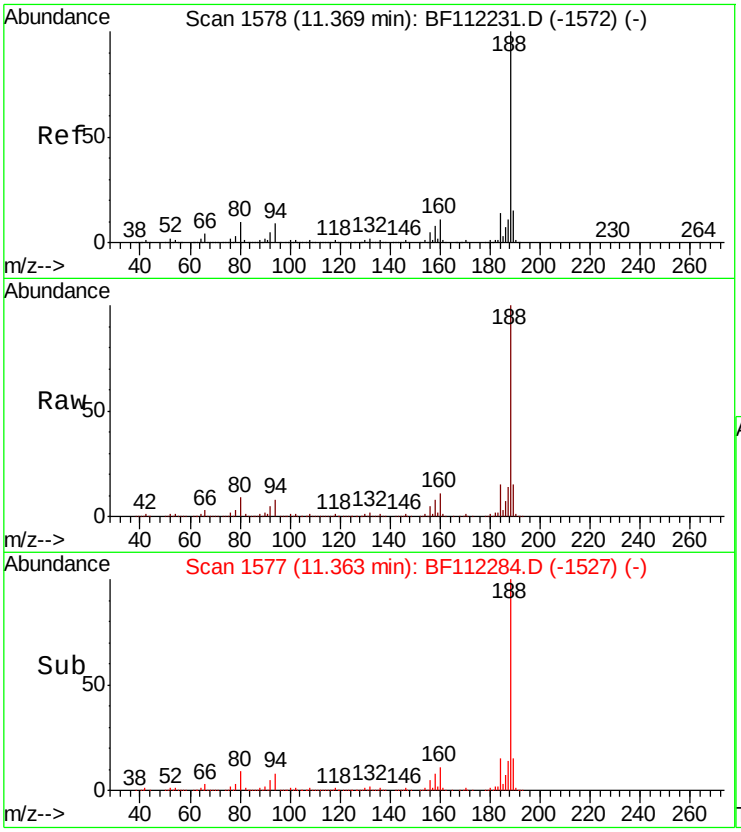


#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:165 Resp: 51656

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



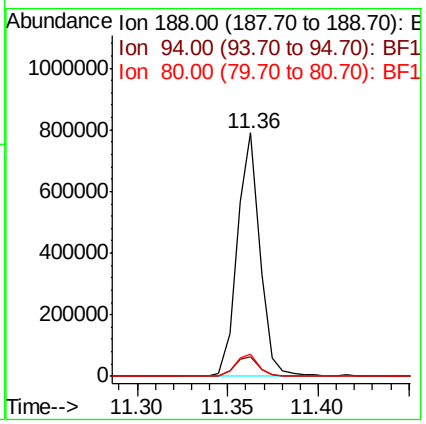


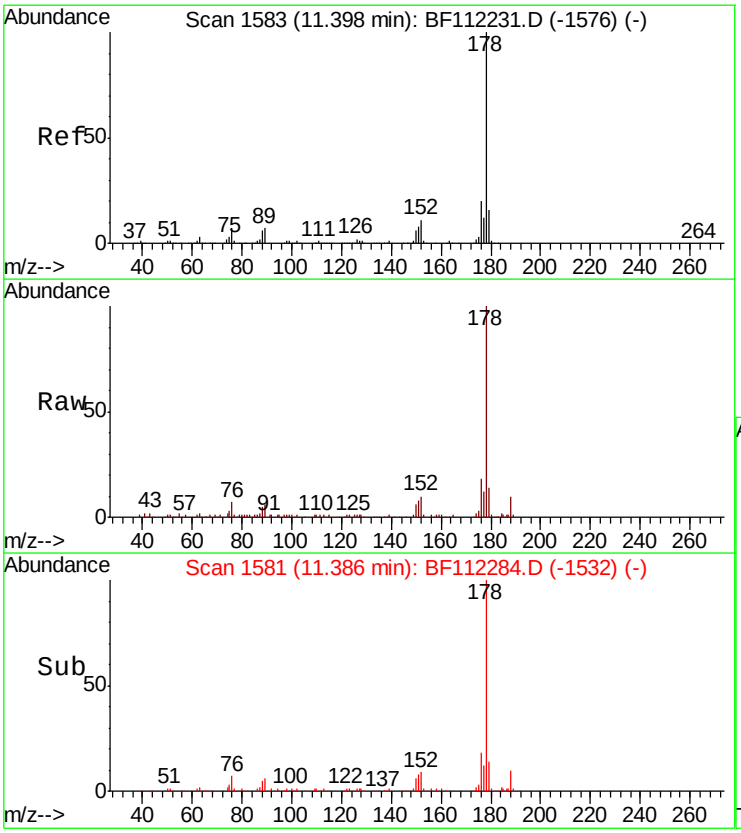
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:188 Resp: 683510

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.9	8.9	13.3

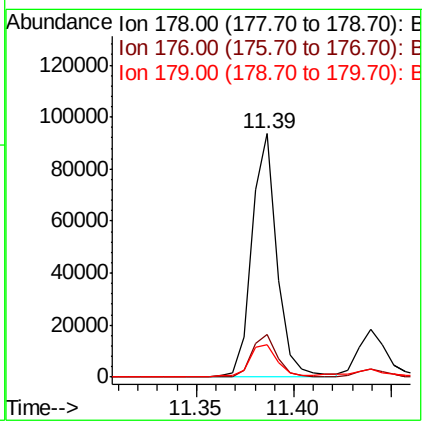


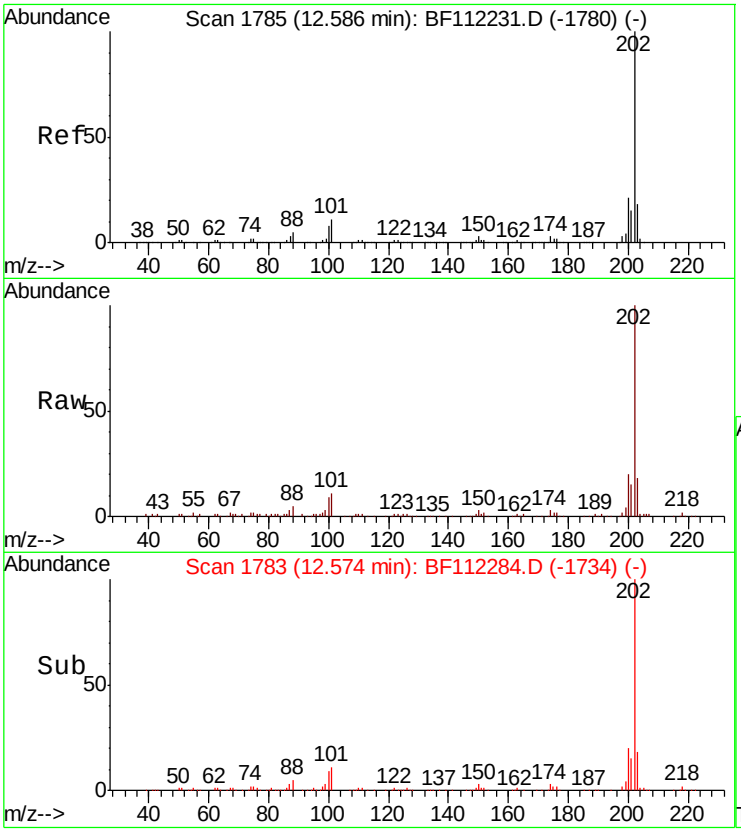


#71
Phenanthrene
Concen: 2.349 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:178 Resp: 83481

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.3	24.5
179	13.6	13.0	19.4



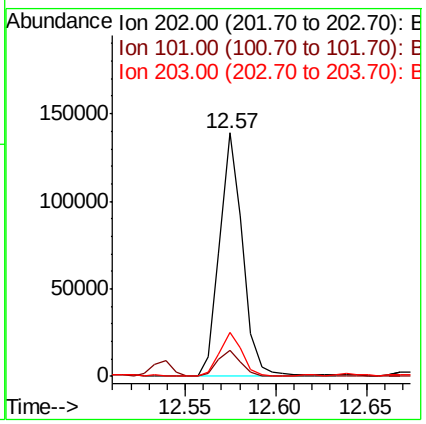


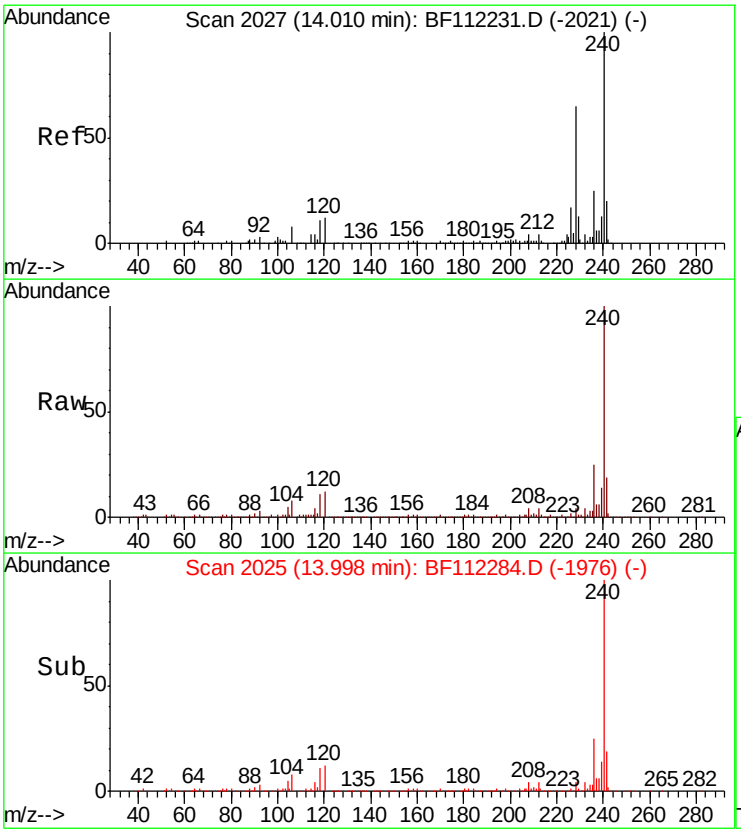
#75
Fluoranthene
Concen: 3.258 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:202 Resp: 124172

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.8
203	18.0	0.0	38.4

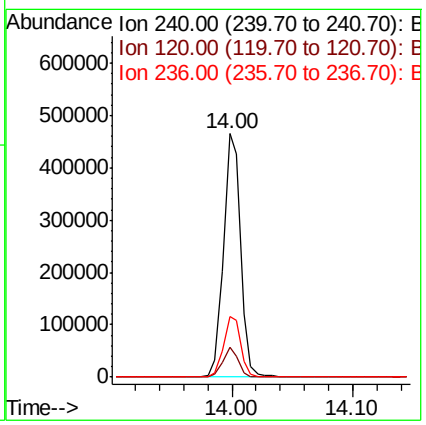


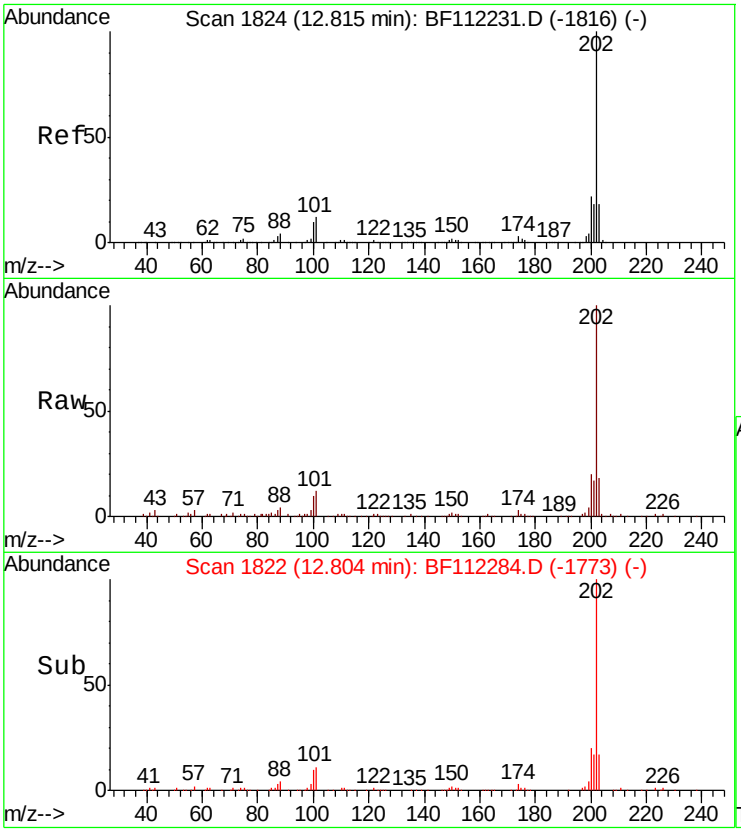


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:240 Resp: 454394

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.6
236	24.8	20.7	31.1



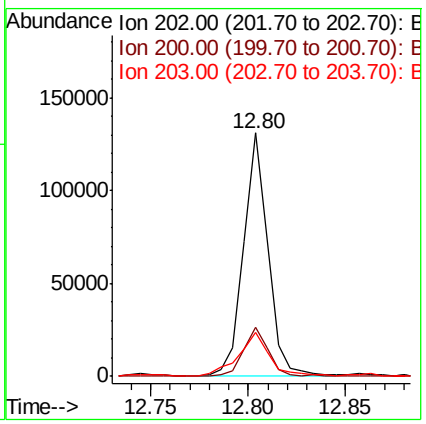


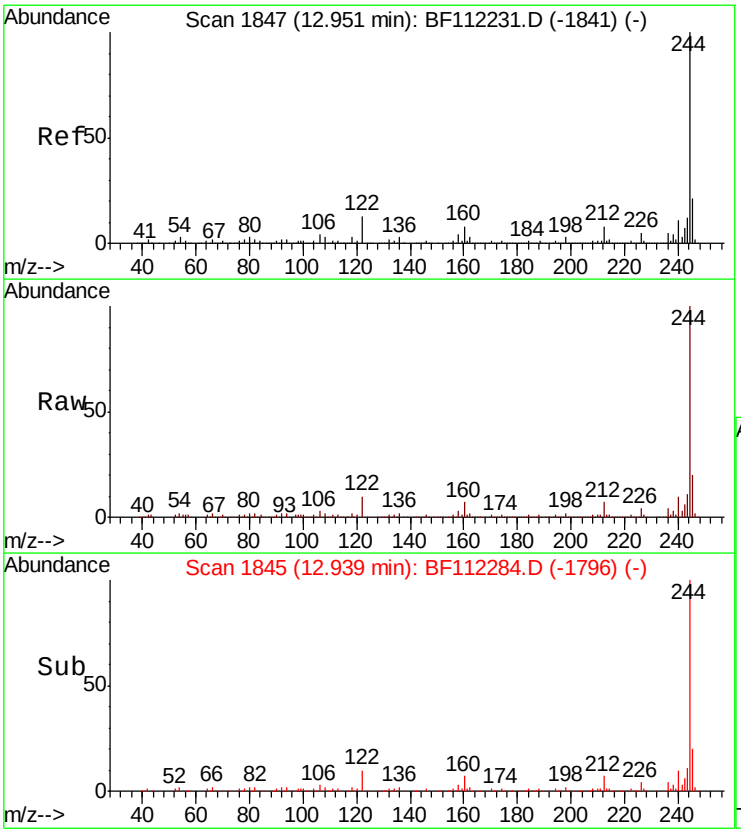
#78
Pyrene
Concen: 3.653 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:202 Resp: 114916

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	17.8	14.6	22.0

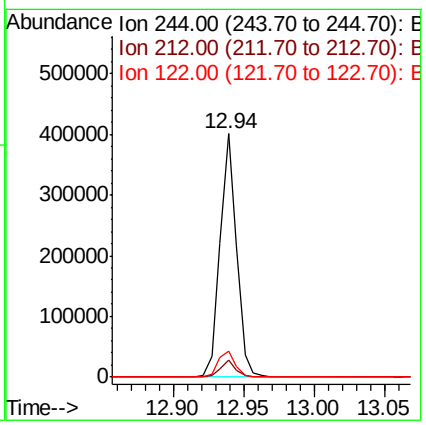


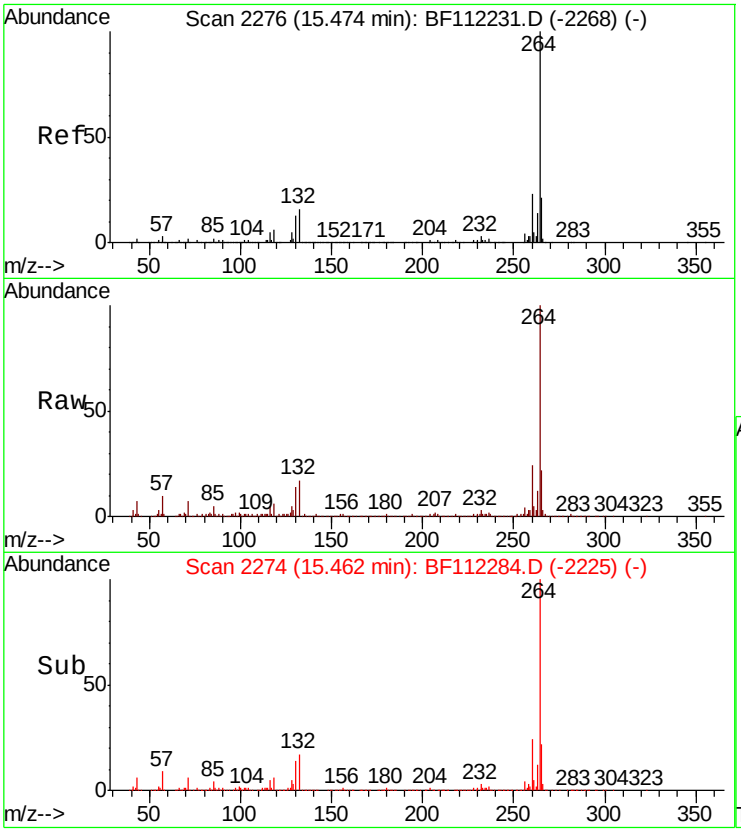


#79
Terphenyl-d14
Concen: 13.536 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:244 Resp: 326568

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.4	9.8	14.6



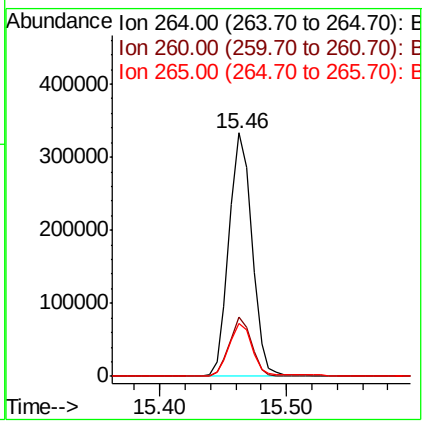


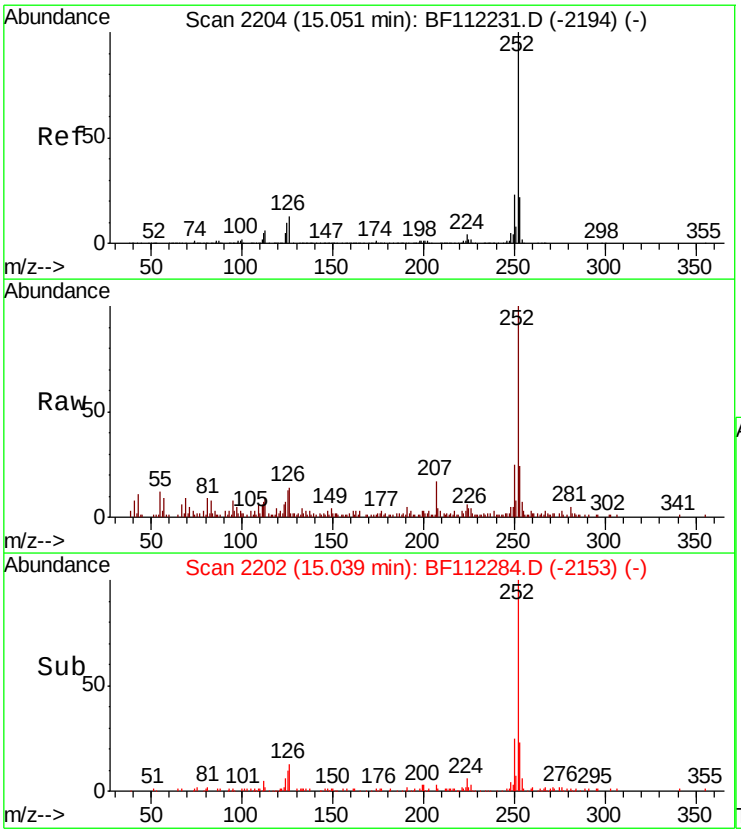
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:264 Resp: 420429

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.7	17.0	25.4

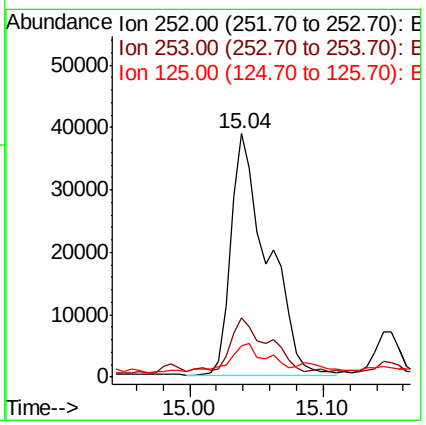


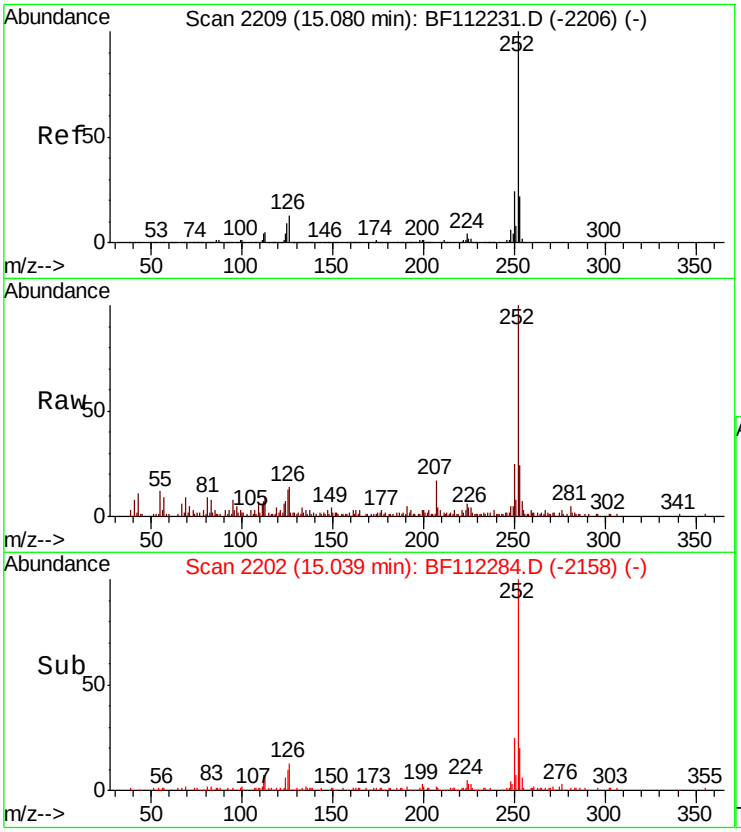


#88
Benzo(b)fluoranthene
Concen: 2.939 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Tgt Ion:252 Resp: 73901

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	12.9	8.7	13.1





#89
Benzo(k)fluoranthene
Concen: 3.068 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF112284.D
Acq: 28 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:252 Resp: 73901

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	12.9	9.1	13.7