Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116202.D
Acq On : 12 Aug 2019 21:26
Operator : HP/JU
Sample : K4085-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-080919-C

Quant Time: Aug 13 01:08:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	128307	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	490573	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	269497	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	530959	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	427921	20.00	ng	-0.01
87) Perylene-d12	15.46	264	374557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	935485	122.06	ng	0.00
7) Phenol-d6	6.47	99	1112759	115.07	ng	-0.01
23) Nitrobenzene-d5	7.40	82	856846	100.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	417595	159.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1481370	102.96	ng	-0.02
79) Terphenyl-d14	12.94	244	1919165	94.50	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	113465	18.935	ng	# 79
25) Isophorone	7.40	82	856842	52.726	ng	# 65
32) Benzoic acid	7.96	122	12329	2.687	ng	99
51) 2,6-Dinitrotoluene	9.87	165	34584	8.673	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	34584	6.514	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	24796	4.362	ng	# 1

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

Quantitation Report (Not Reviewed)

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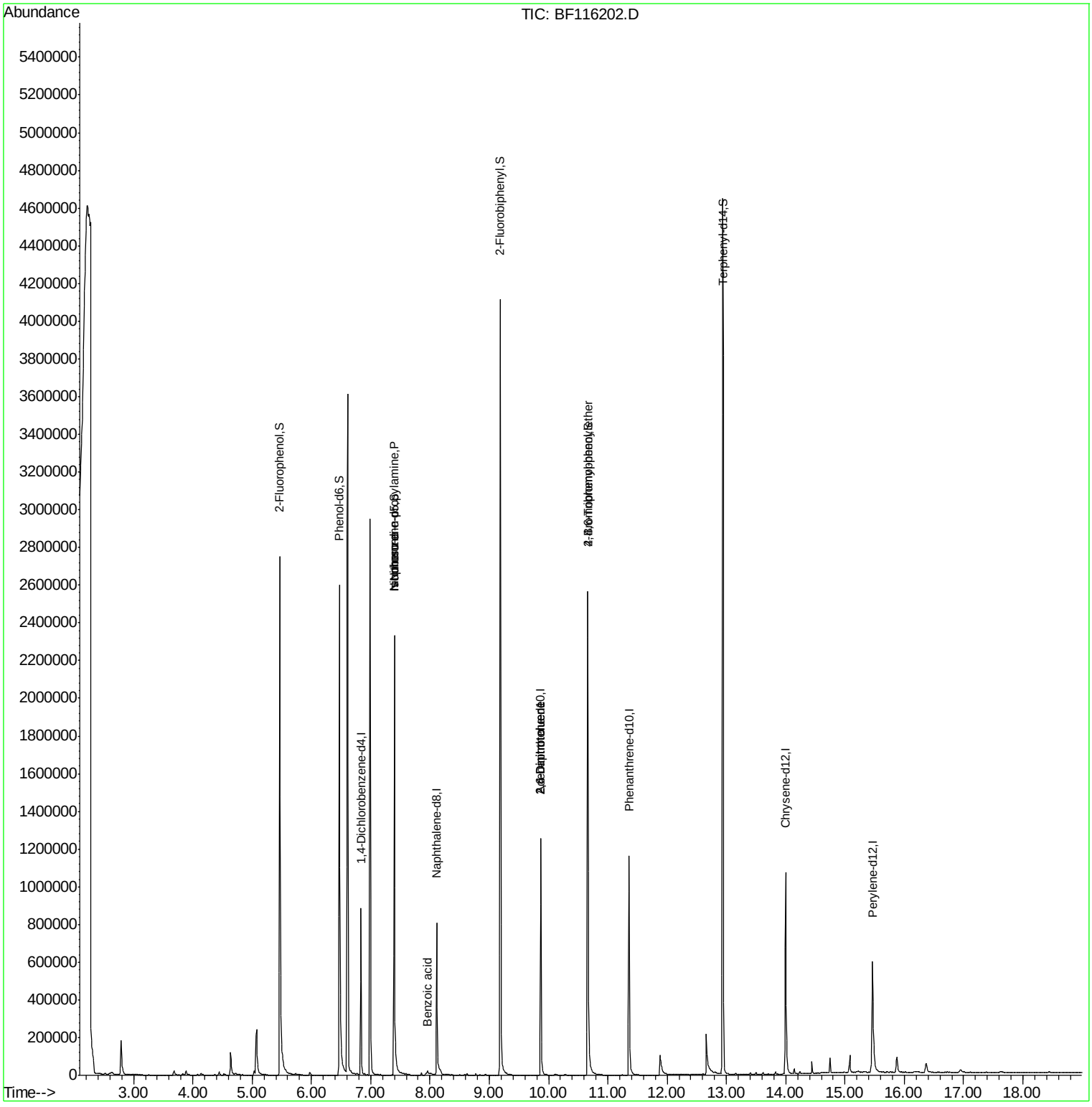
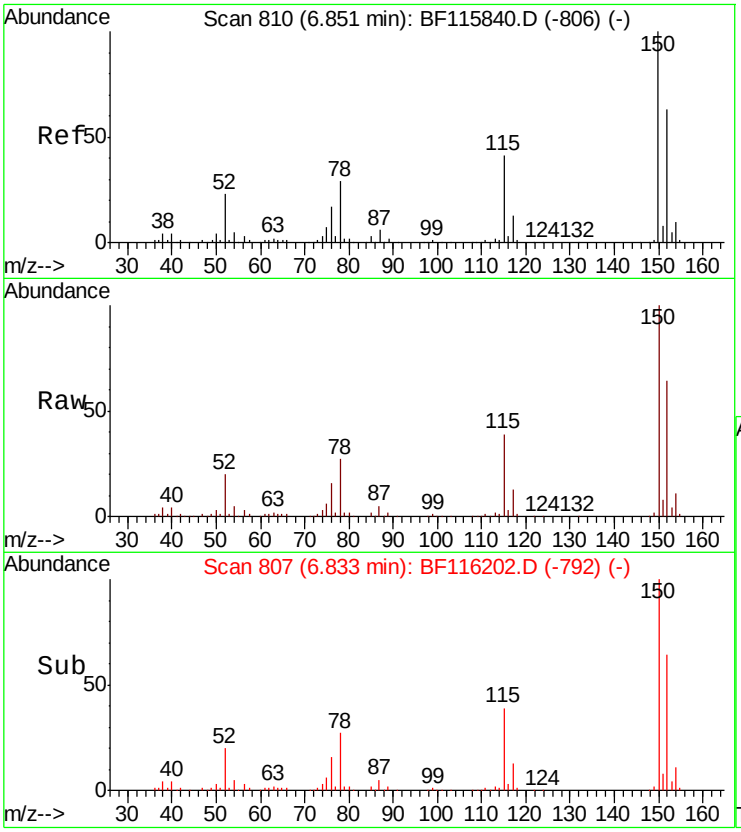


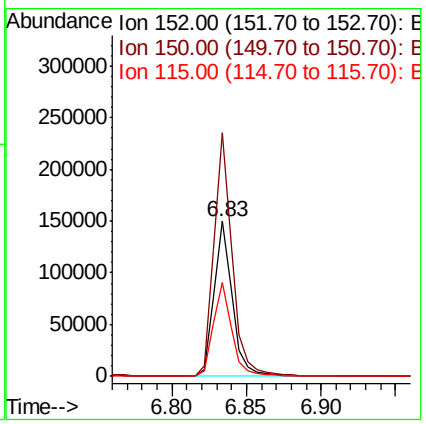


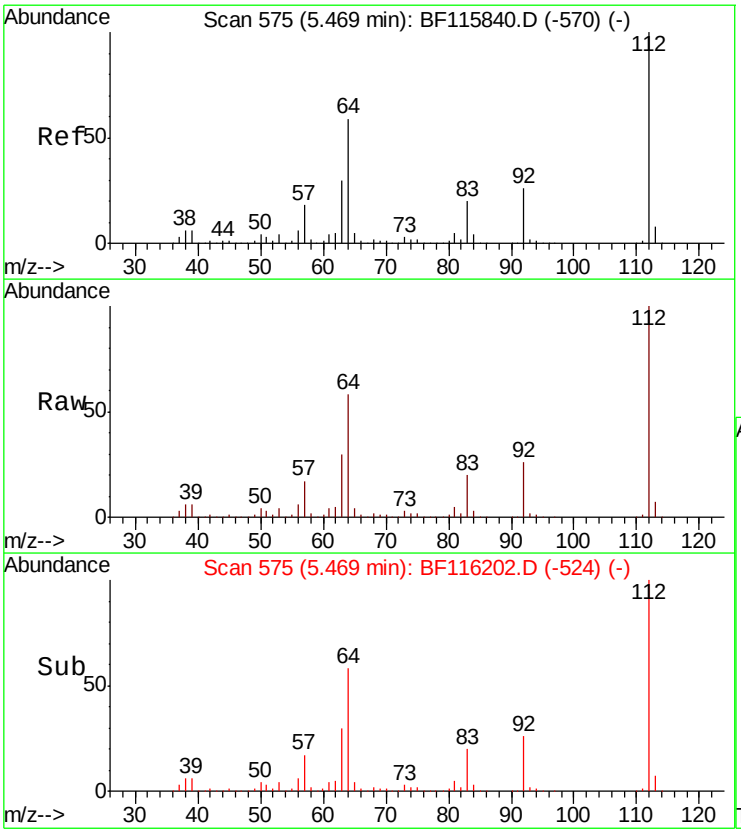
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:152 Resp: 128307

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.8	49.9	74.9

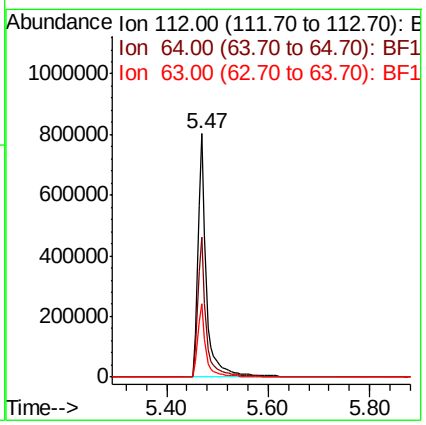


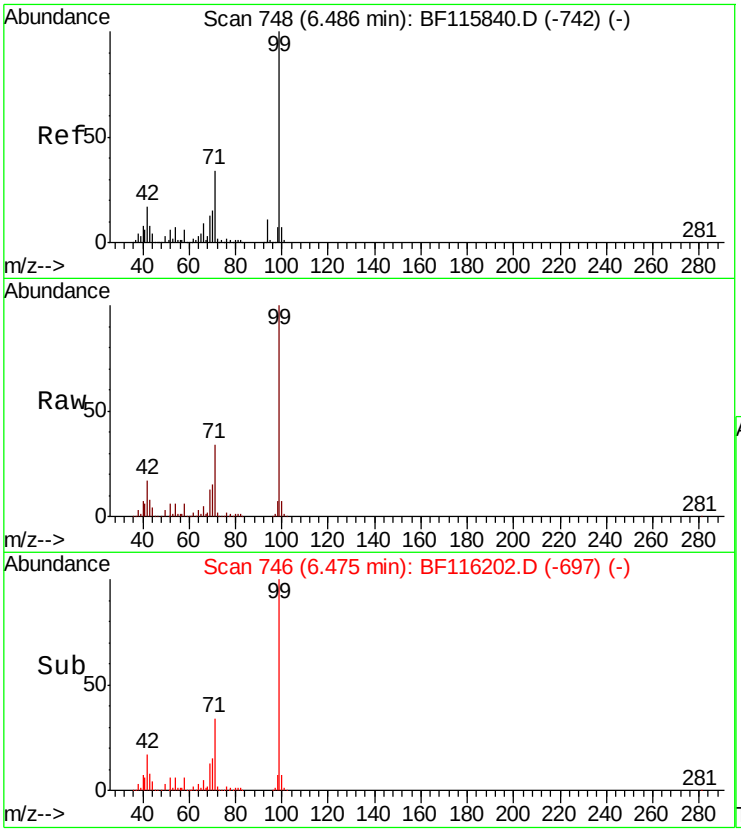


#5
2-Fluorophenol
Concen: 122.056 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:112 Resp: 935485

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	29.9	23.7	35.5



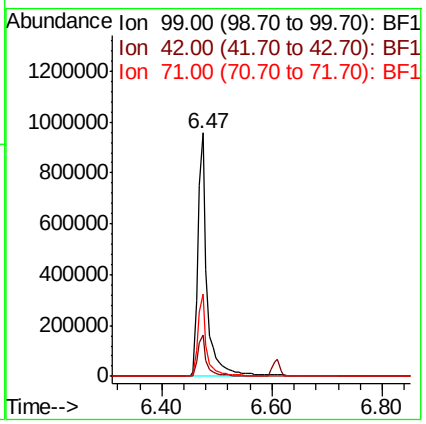


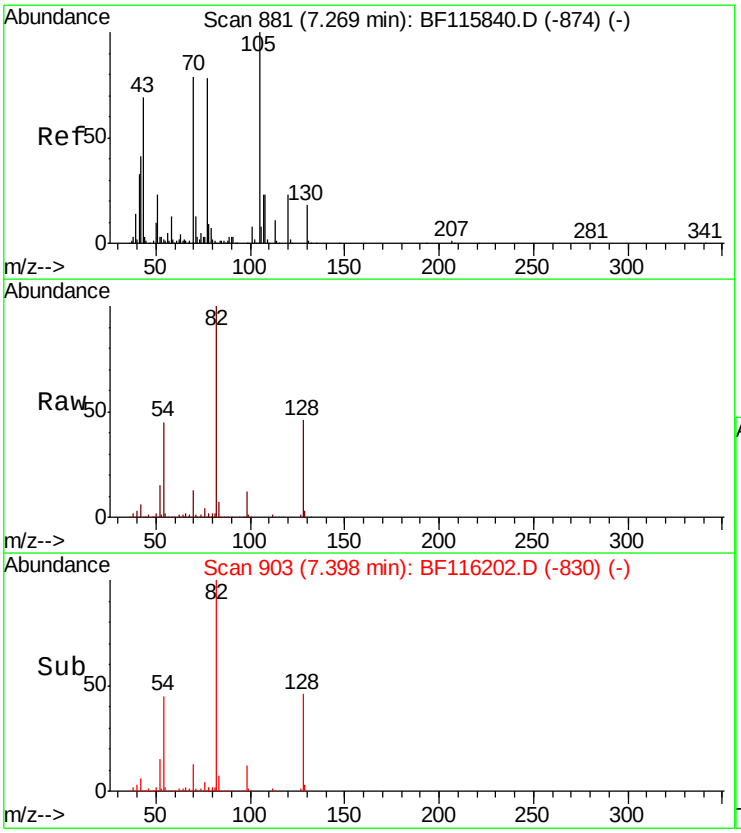
#7
Phenol-d6
Concen: 115.073 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion: 99 Resp: 1112759

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	33.9	27.3	40.9

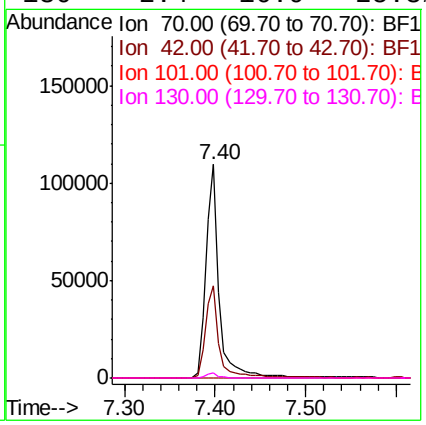


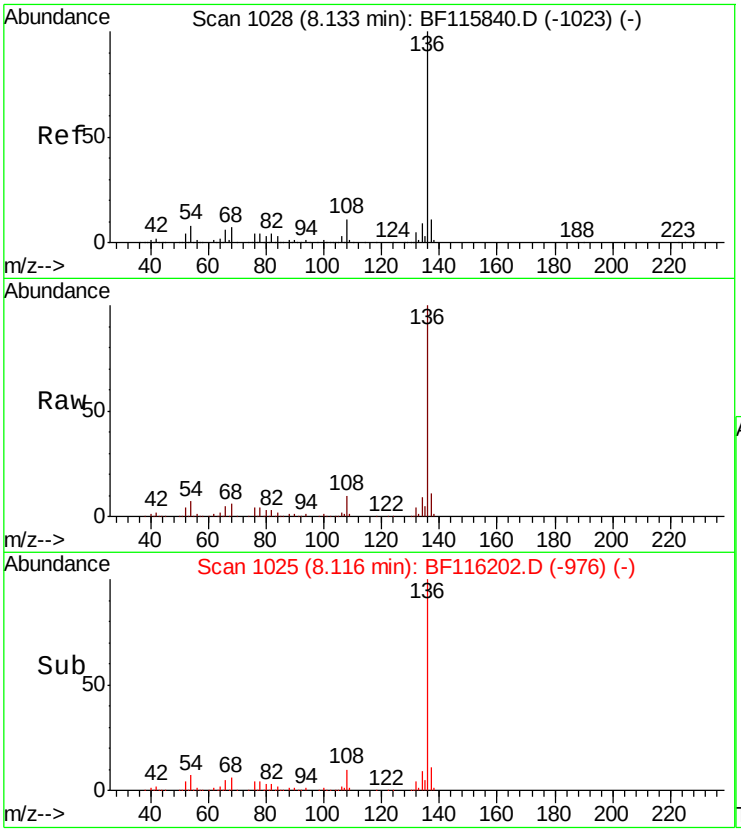


#19
n-Nitroso-di-n-propylamine
Concen: 18.935 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion: 70 Resp: 113465

Ion	Ratio	Lower	Upper
70	100		
42	43.0	40.9	61.3
101	0.0	7.9	11.9#
130	2.4	16.9	25.3#



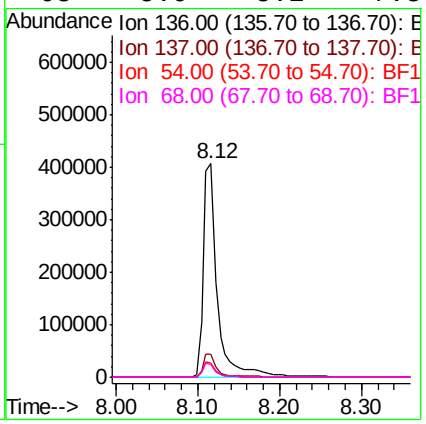


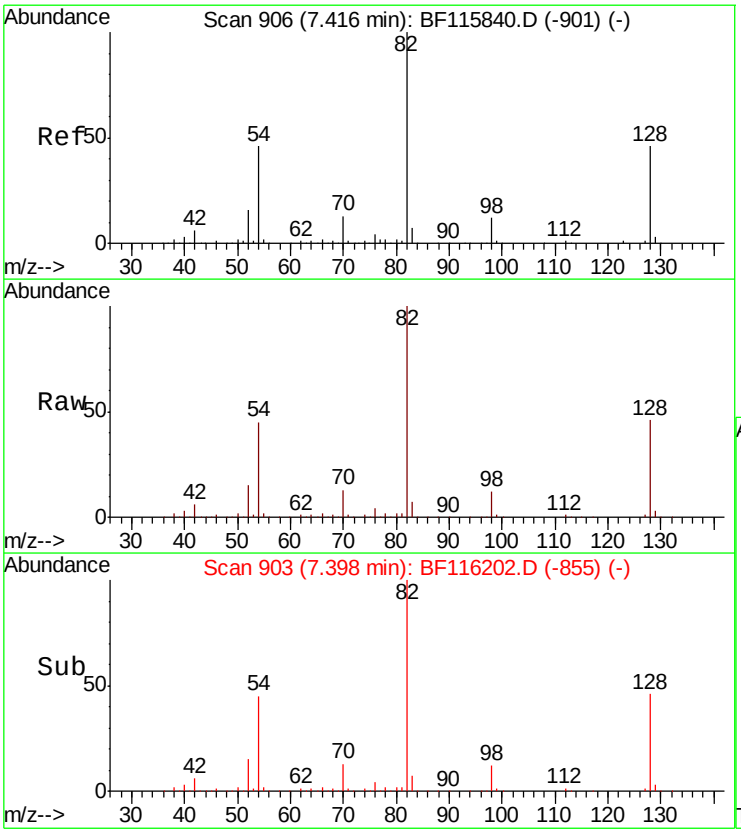
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:136 Resp: 490573

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.2	7.8

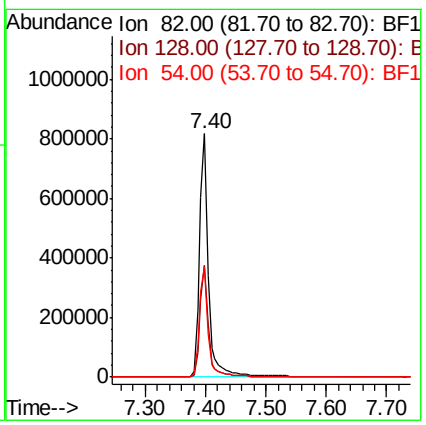


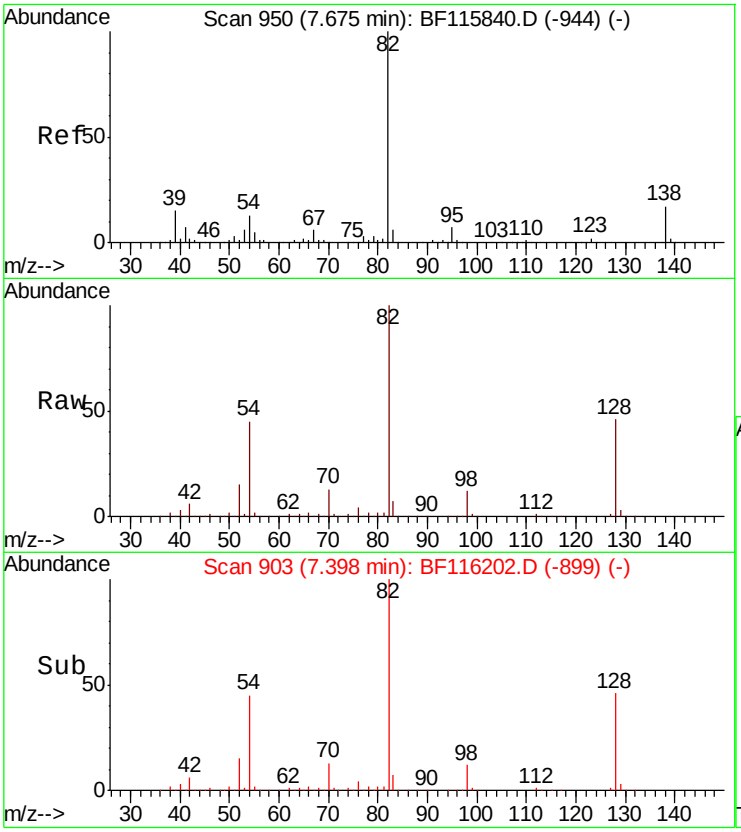


#23
Nitrobenzene-d5
Concen: 100.820 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion: 82 Resp: 856846

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	45.2	36.0	54.0



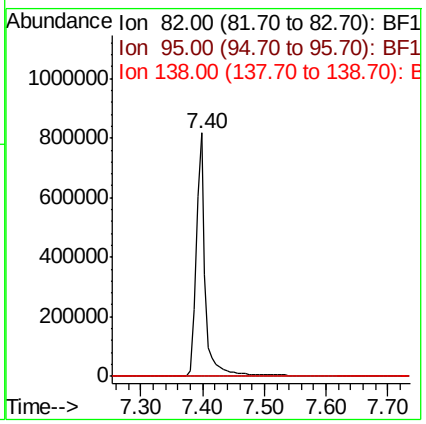


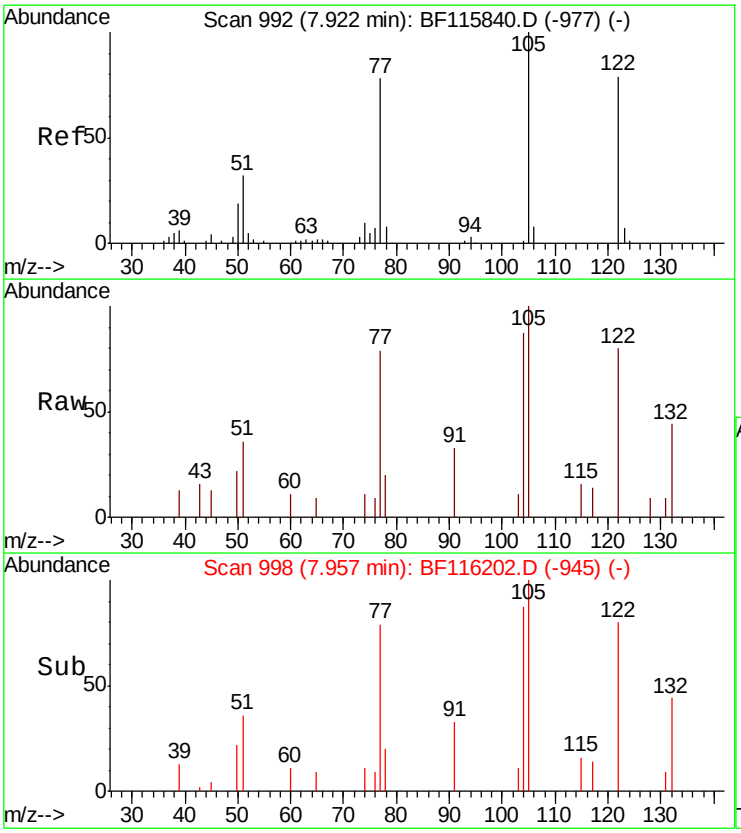
#25
Isophorone
Concen: 52.726 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion: 82 Resp: 856842

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

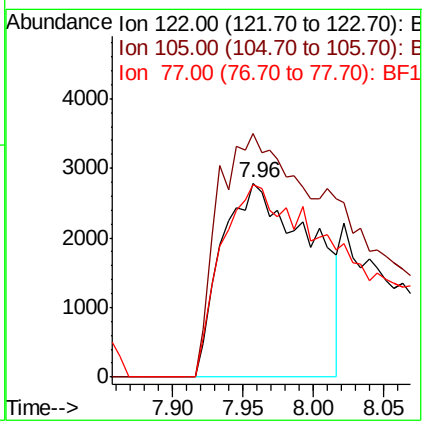


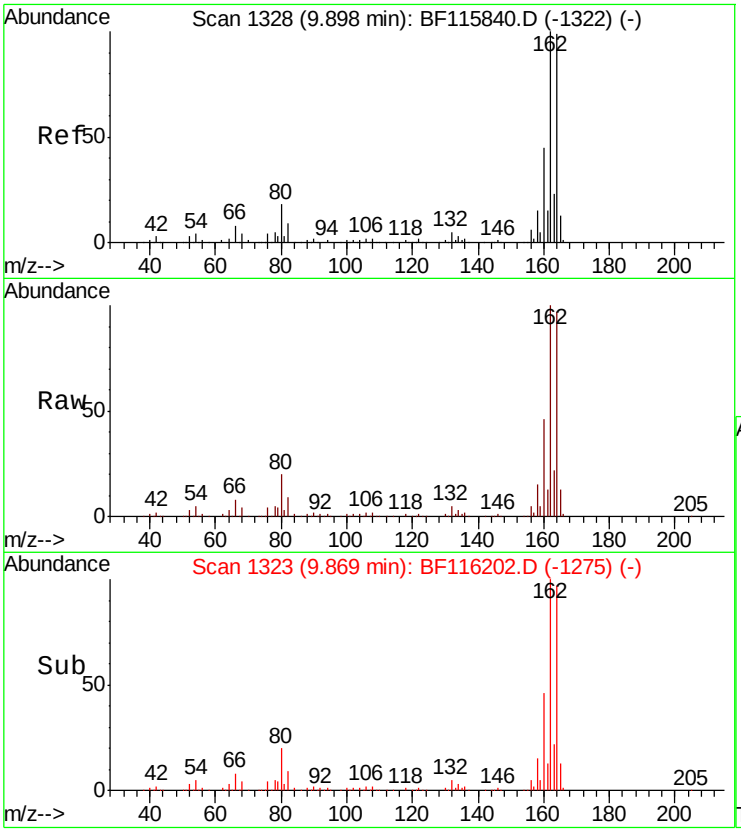


#32
Benzoic acid
Concen: 2.687 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:122 Resp: 12329

Ion	Ratio	Lower	Upper
122	100		
105	125.7	106.1	146.1
77	99.6	76.7	116.7



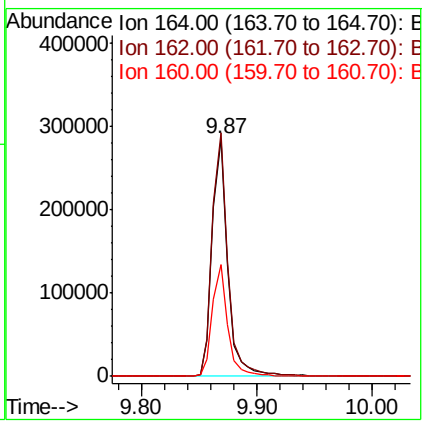


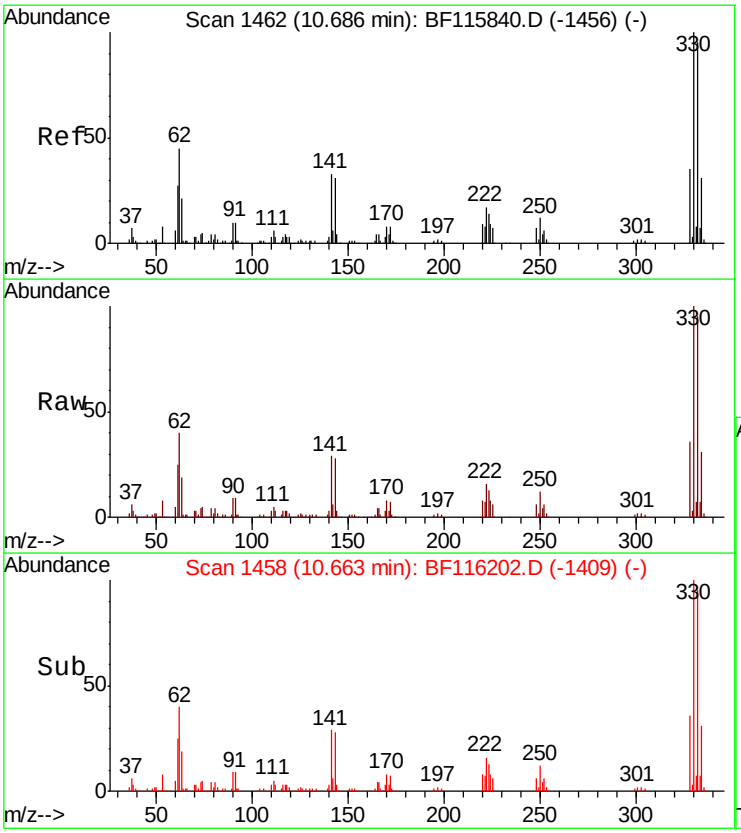
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:164 Resp: 269497

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	47.0	37.6	56.4

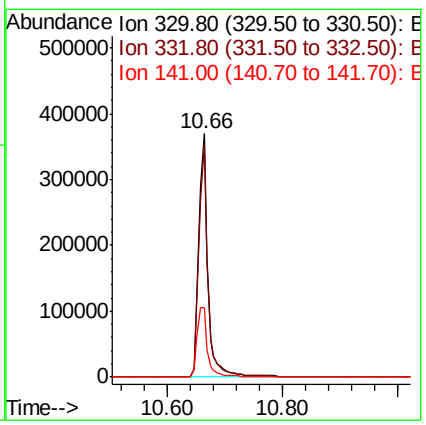


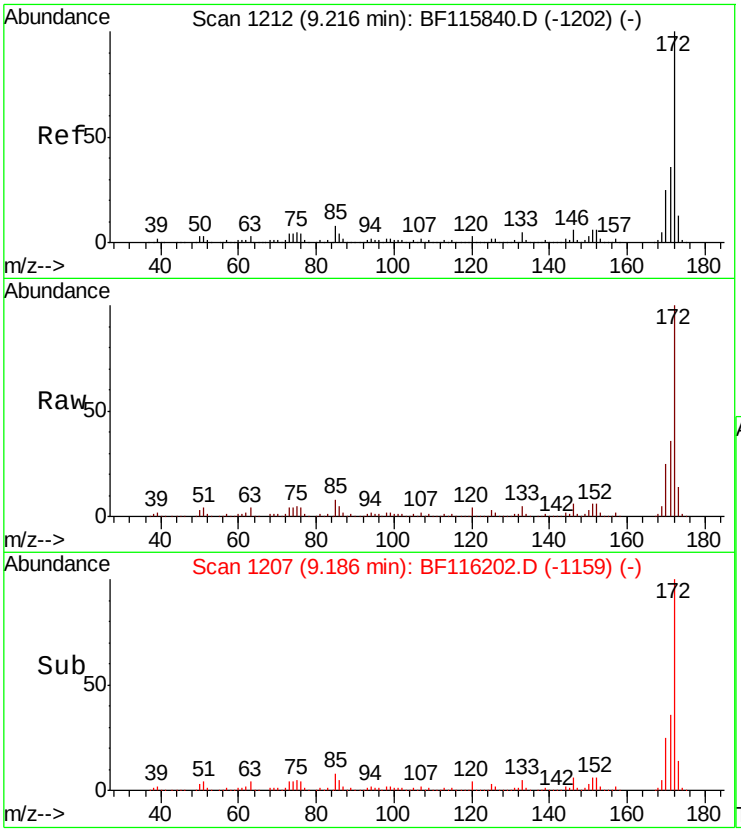


#42
2,4,6-Tribromophenol
Concen: 159.824 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:330 Resp: 417595

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	33.0	26.3	39.5



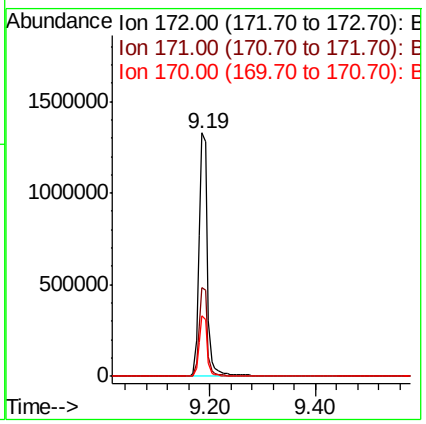


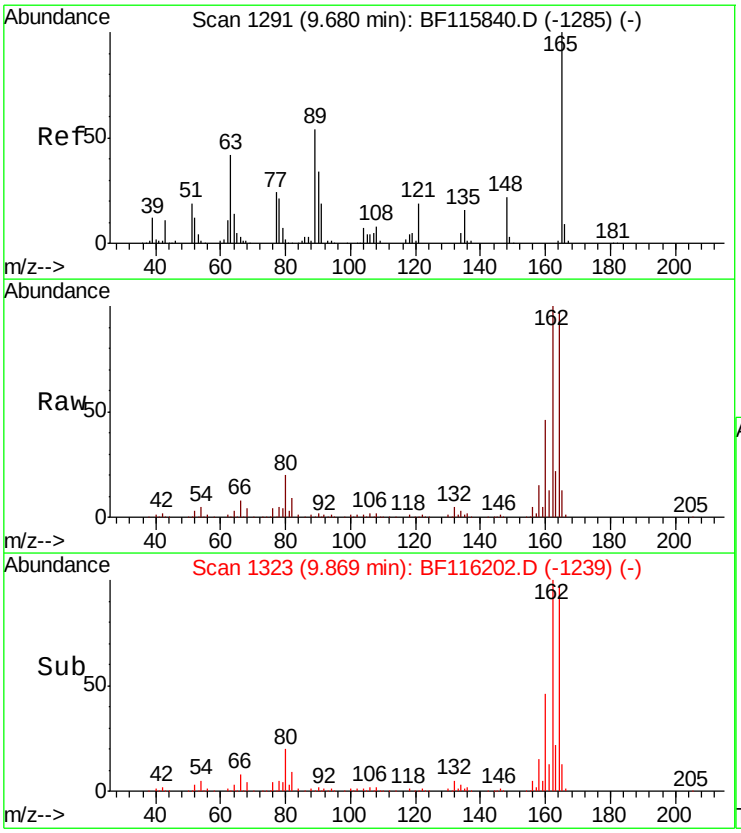
#45
2-Fluorobiphenyl
Concen: 102.959 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:172 Resp: 1481370

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.8	20.1	30.1

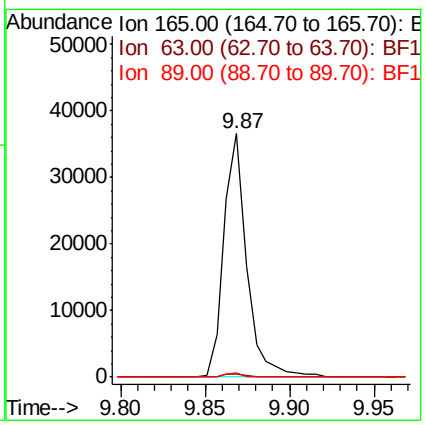


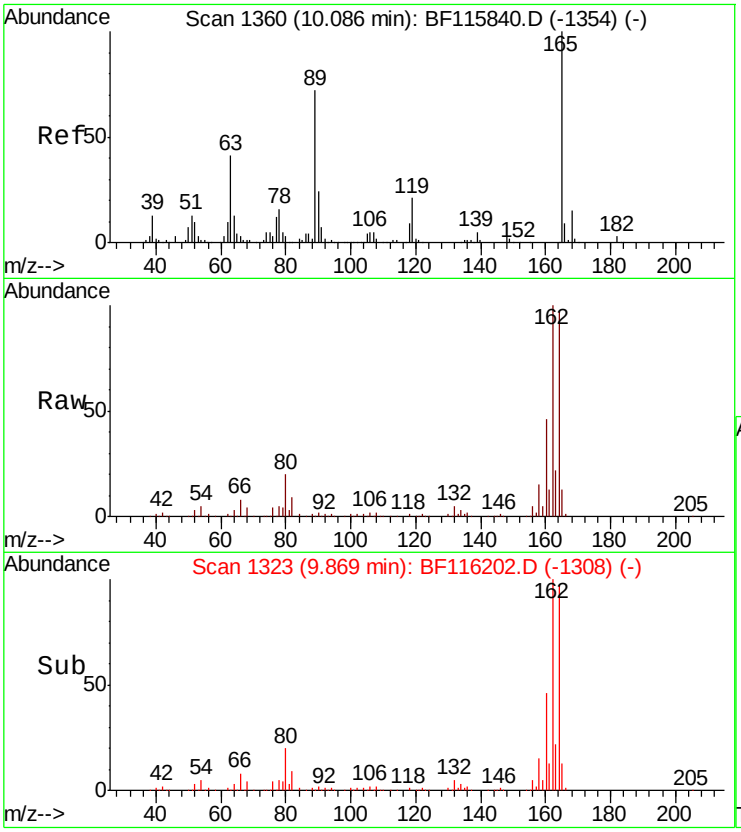


#51
2,6-Dinitrotoluene
Concen: 8.673 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:165 Resp: 34584

Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.2	57.2#
89	1.6	42.9	64.3#



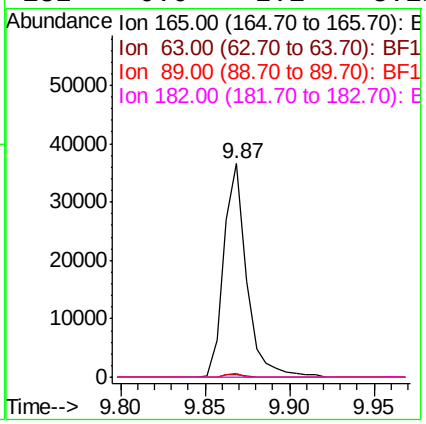


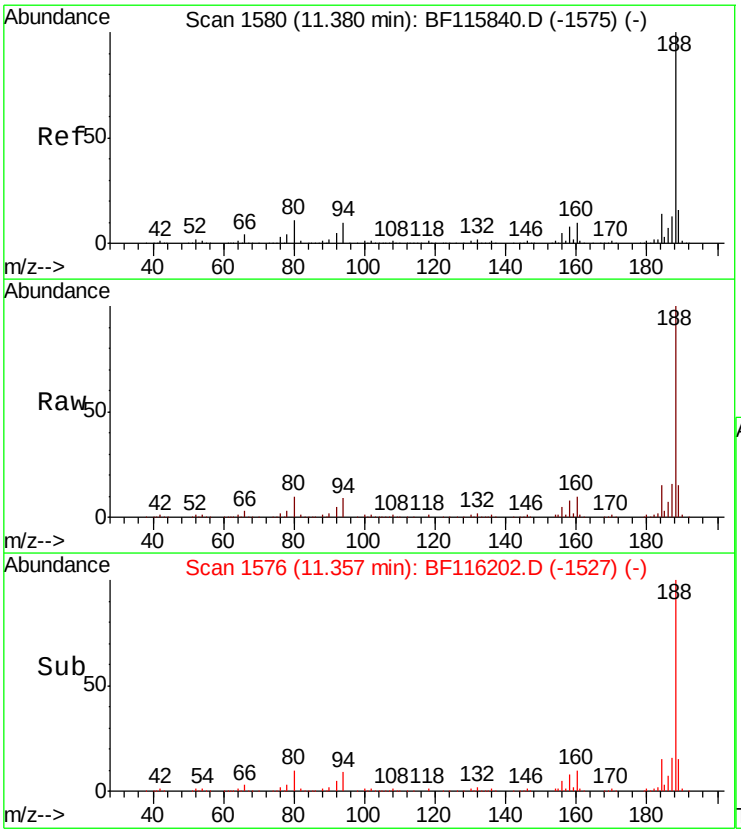
#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:165 Resp: 34584

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#

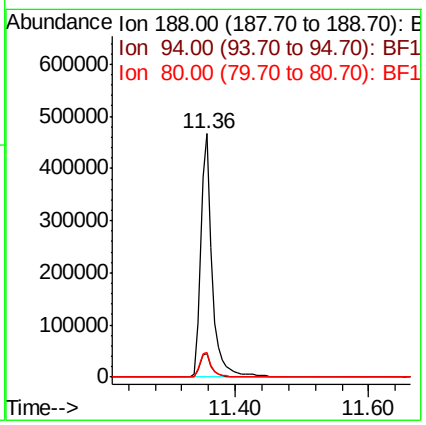


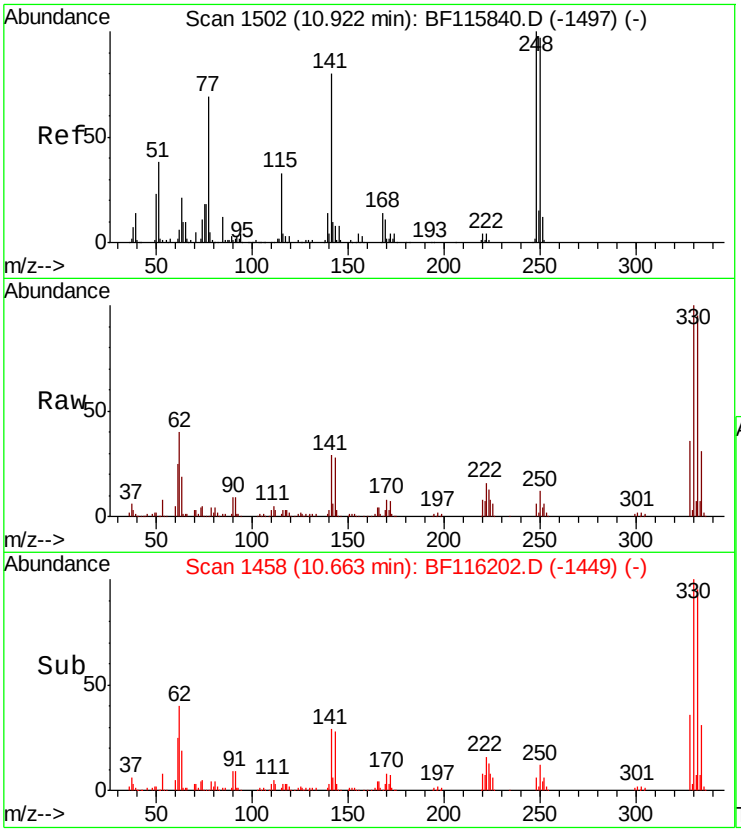


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:188 Resp: 530959

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	9.9	8.7	13.1



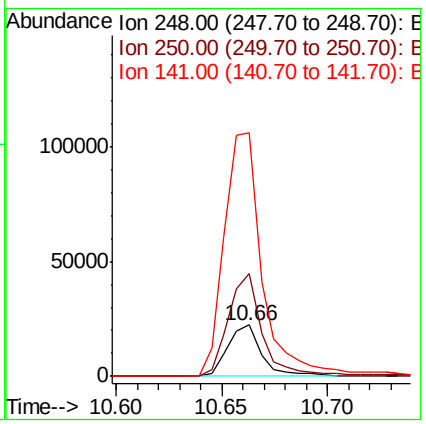


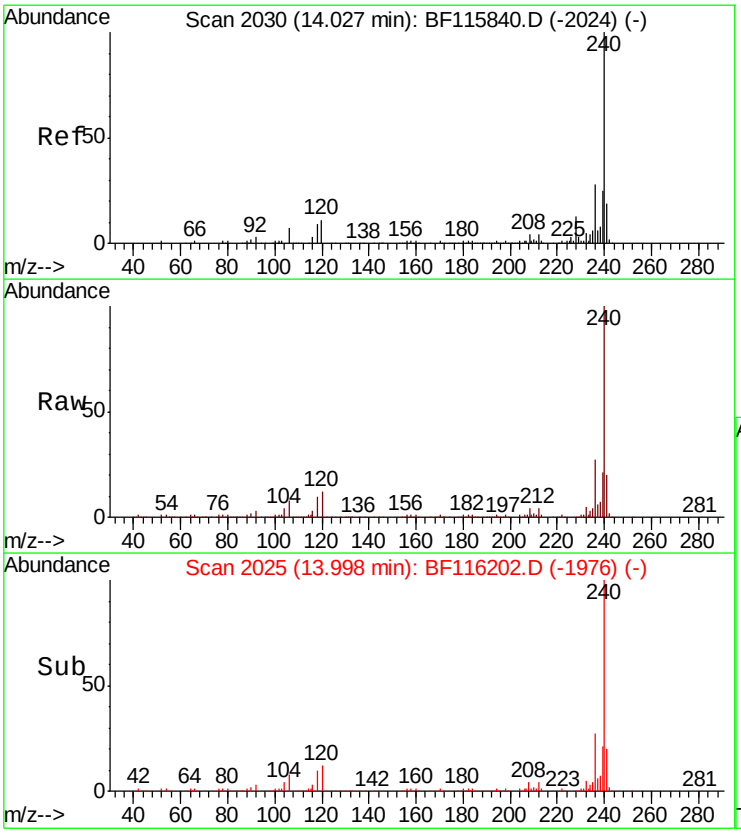
#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:248 Resp: 24796

Ion	Ratio	Lower	Upper
248	100		
250	202.3	77.4	116.2#
141	477.3	56.8	85.2#

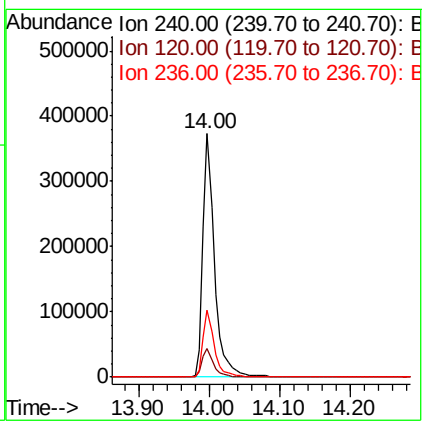


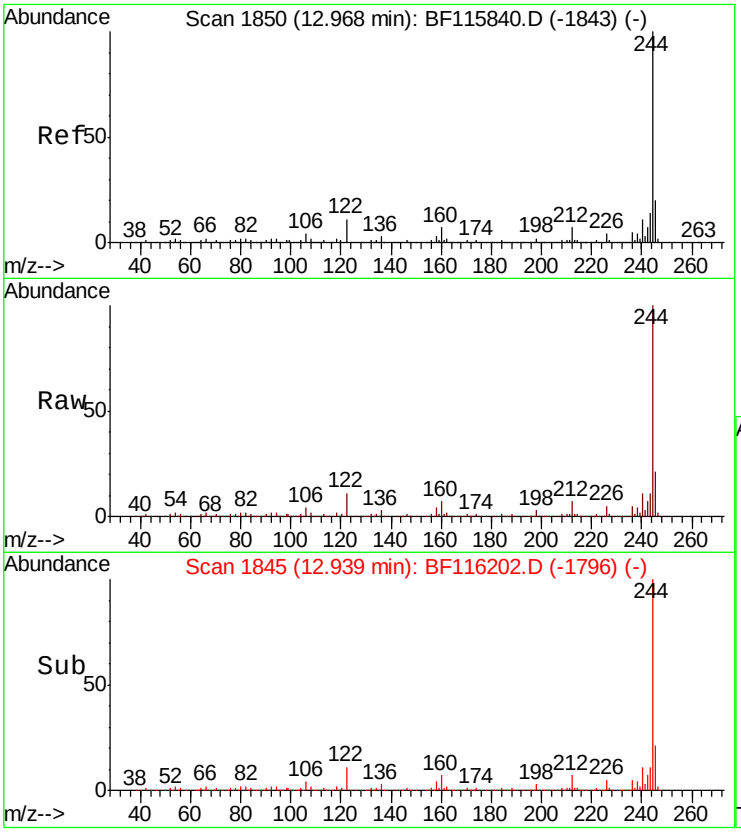


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:240 Resp: 427921

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.7	16.1
236	27.3	22.2	33.2



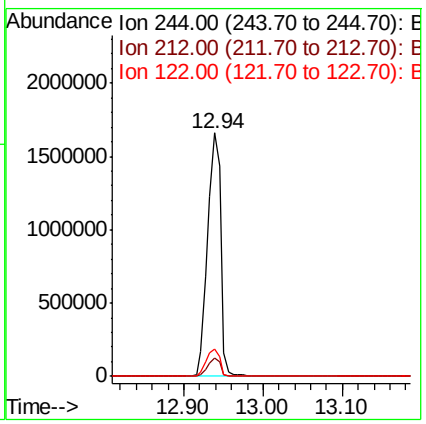


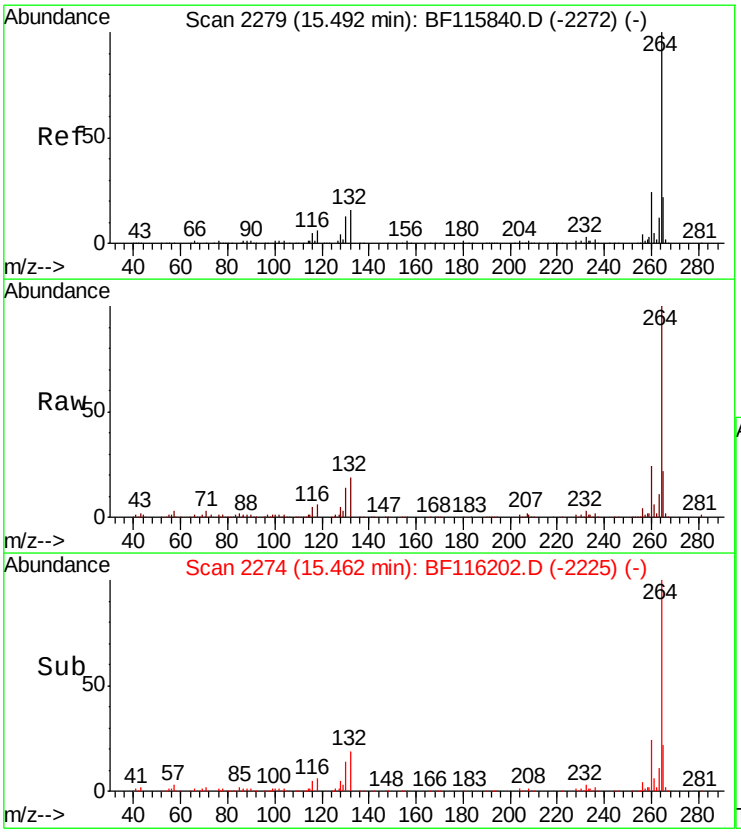
#79
Terphenyl-d14
Concen: 94.503 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tgt Ion:244 Resp: 1919165

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116202.D
Acq: 12 Aug 2019 21:26

Tgt Ion:264 Resp: 374557

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.1	17.4	26.0