Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114418.D
Acq On : 19 May 2019 4:31
Operator : JU/SJ
Sample : K2648-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 04:15:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	235823	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	848361	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	395663	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	721821	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	443061	20.00	ng	-0.03
87) Perylene-d12	15.46	264	469058	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2621225	178.87	ng	0.02
7) Phenol-d6	6.50	99	3186633	183.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	2423781	160.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	856331	209.35	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	3684580	140.87	ng	-0.02
79) Terphenyl-d14	12.94	244	3285970	152.89	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.00	79	34365	2.542	ng	# 38
19) n-Nitroso-di-n-propylamine	7.40	70	330054	30.044	ng	# 77
25) Isophorone	7.40	82	2423754	86.452	ng	# 64
32) Benzoic acid	7.98	122	201	7.041	ng	# 27
51) 2,6-Dinitrotoluene	9.86	165	48443	7.520	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	48443	5.540	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	54375	6.842	ng	# 1
77) Benzidine	12.94	184	42838	2.154	ng	# 94

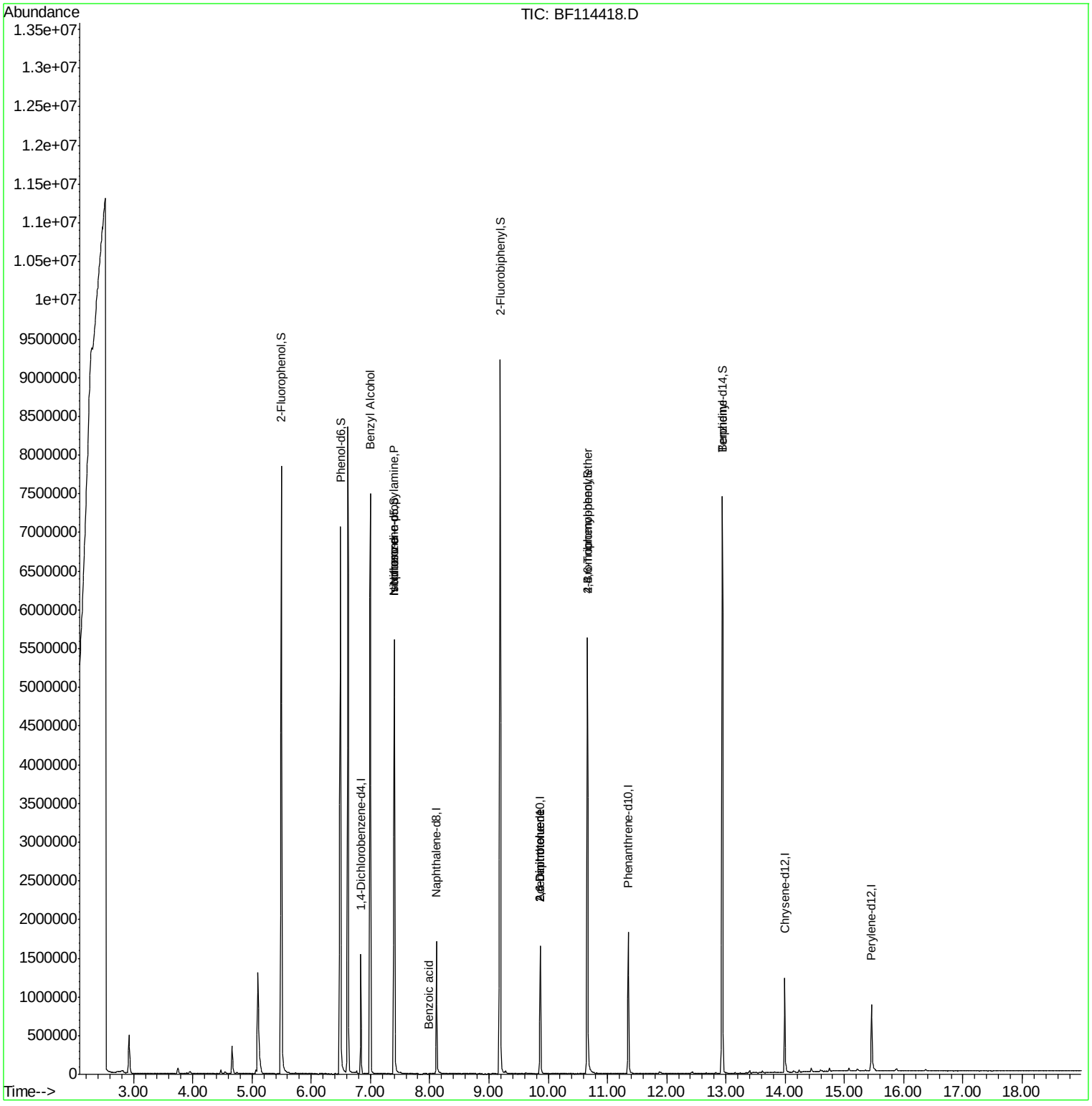
(#) = qualifier out of range (m) = manual integration (+) = signals summed

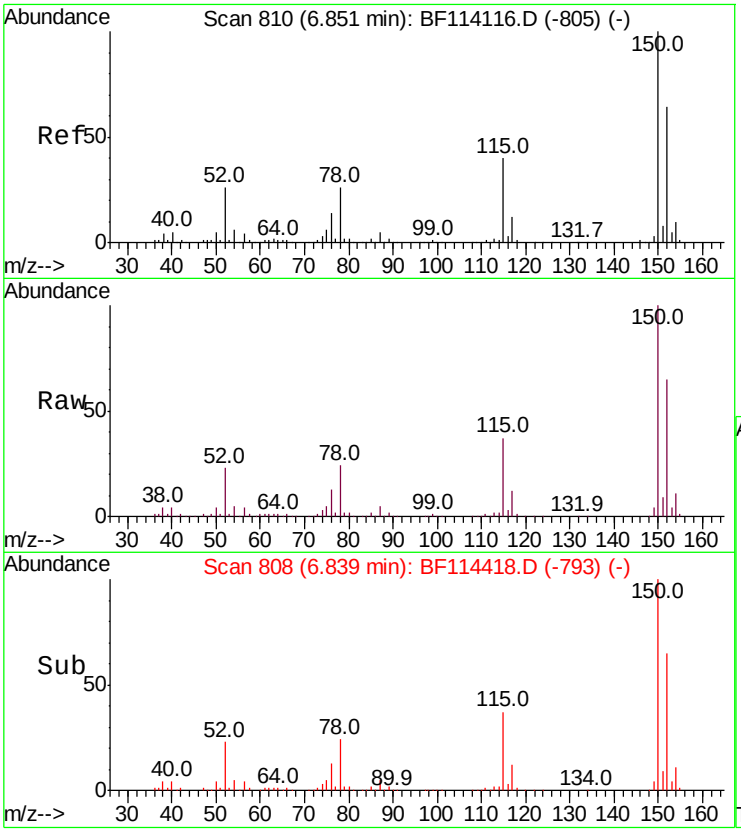
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114418.D
Acq On : 19 May 2019 4:31
Operator : JU/SJ
Sample : K2648-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:15:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



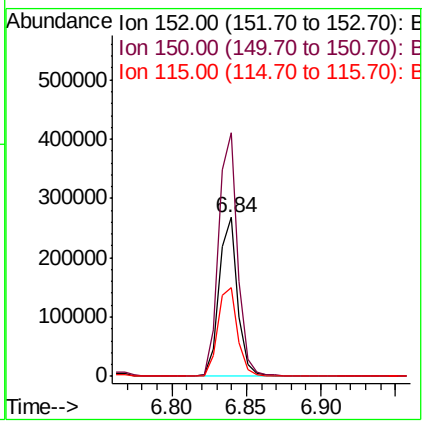


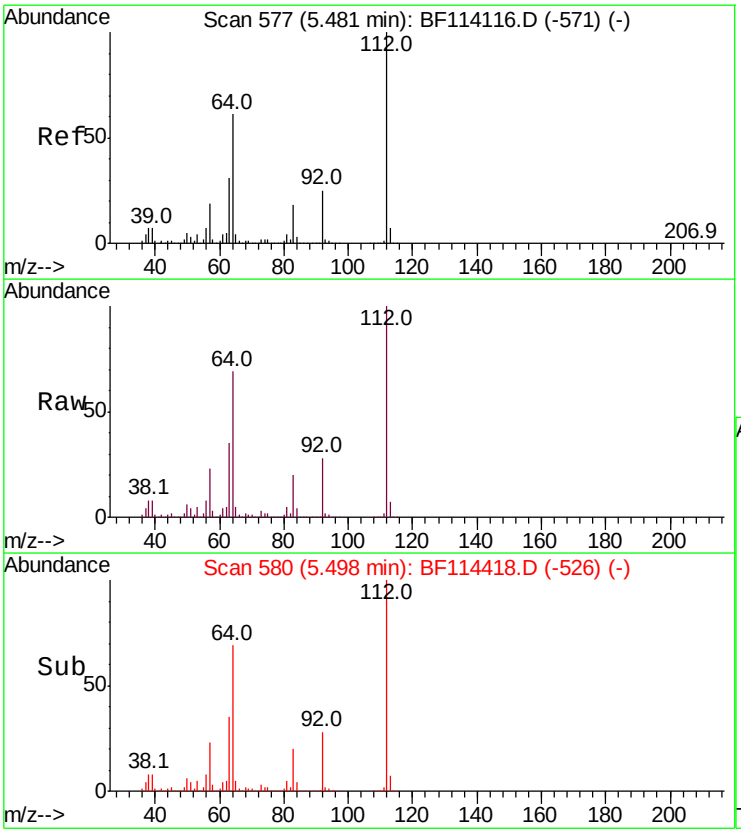
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 235823

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	56.1	49.1	73.7

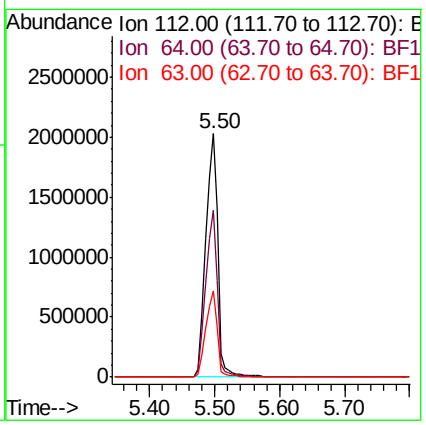


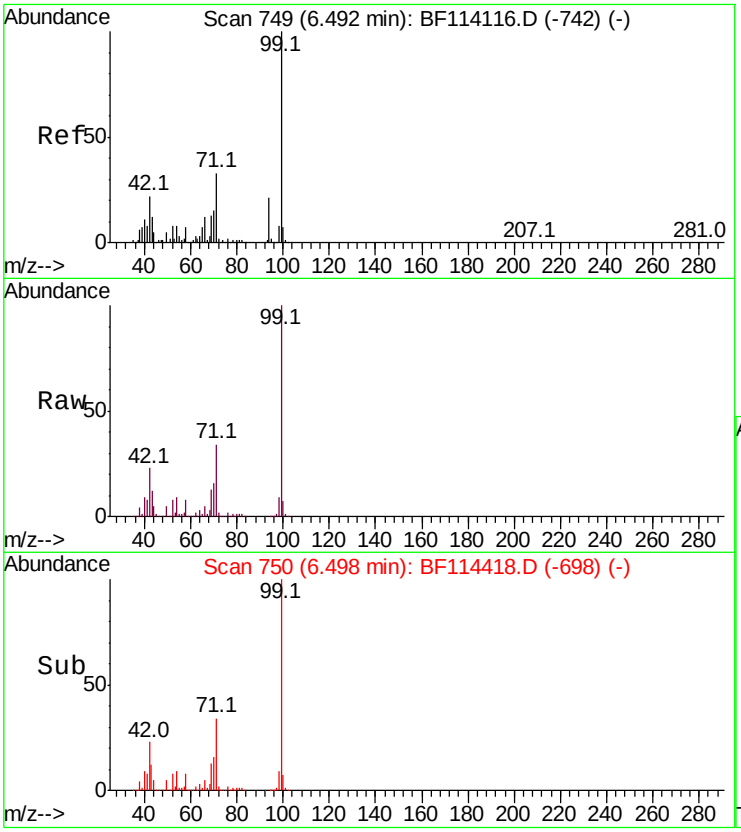


#5
2-Fluorophenol
Concen: 178.873 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:112 Resp: 2621225

Ion	Ratio	Lower	Upper
112	100		
64	68.5	49.0	73.6
63	35.3	24.6	37.0



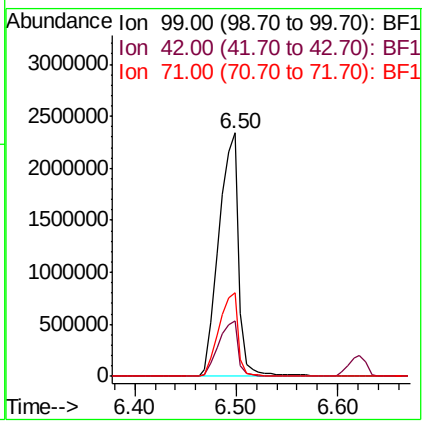


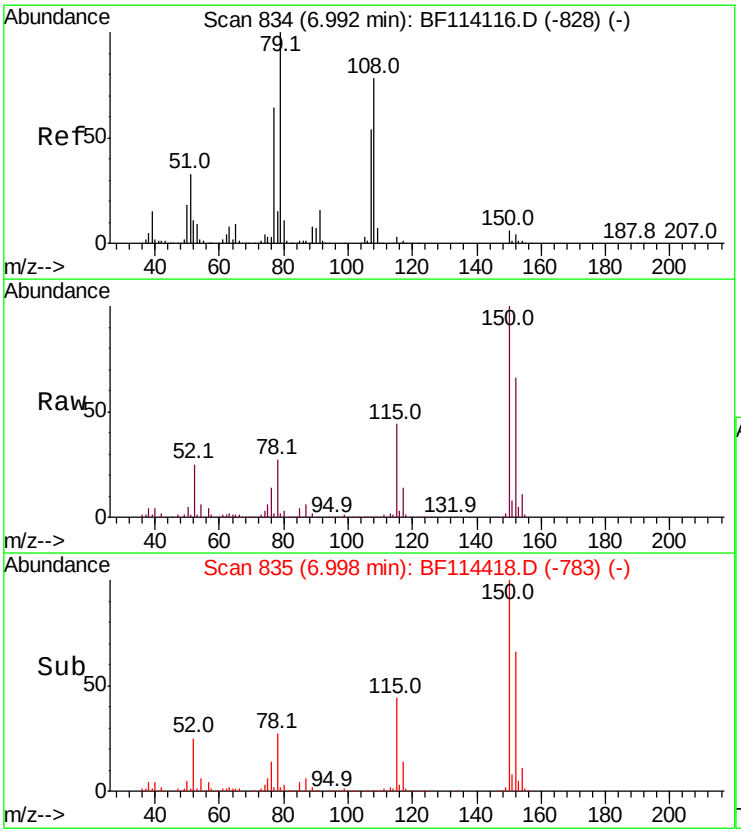
#7
Phenol-d6
Concen: 183.860 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3186633

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.3	26.2	39.2

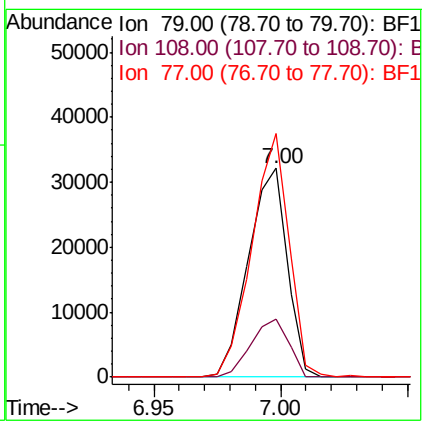


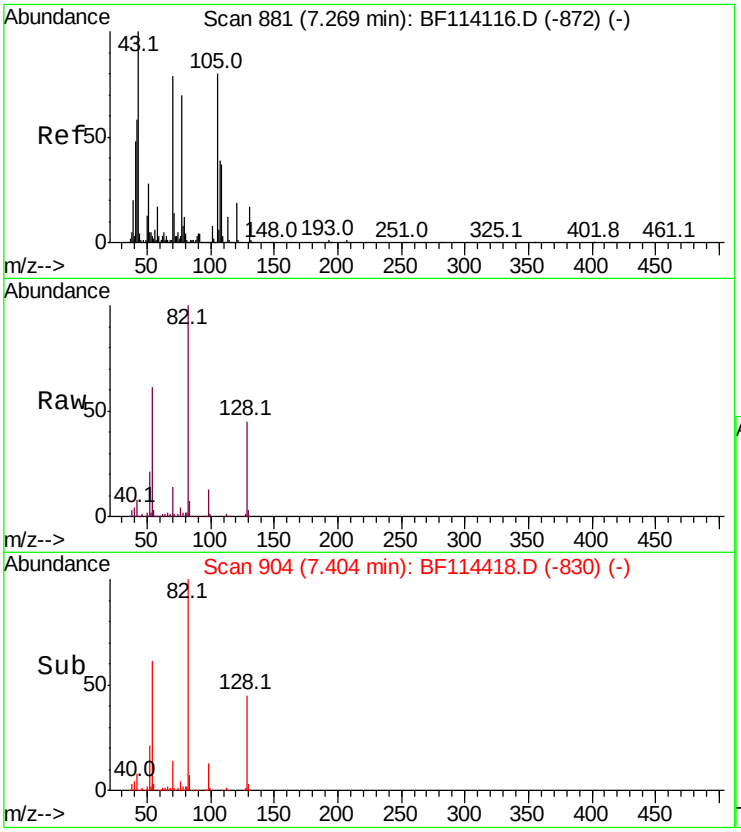


#15
Benzyl Alcohol
Concen: 2.542 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion: 79 Resp: 34365

Ion	Ratio	Lower	Upper
79	100		
108	28.0	62.1	93.1#
77	116.6	51.0	76.6#



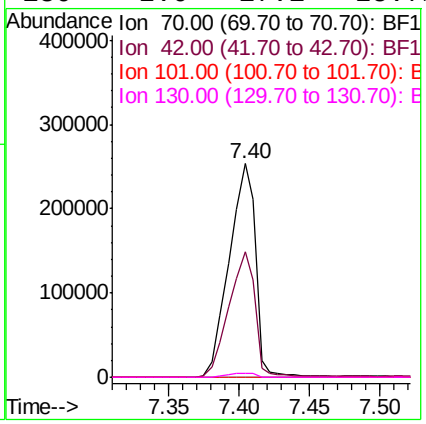


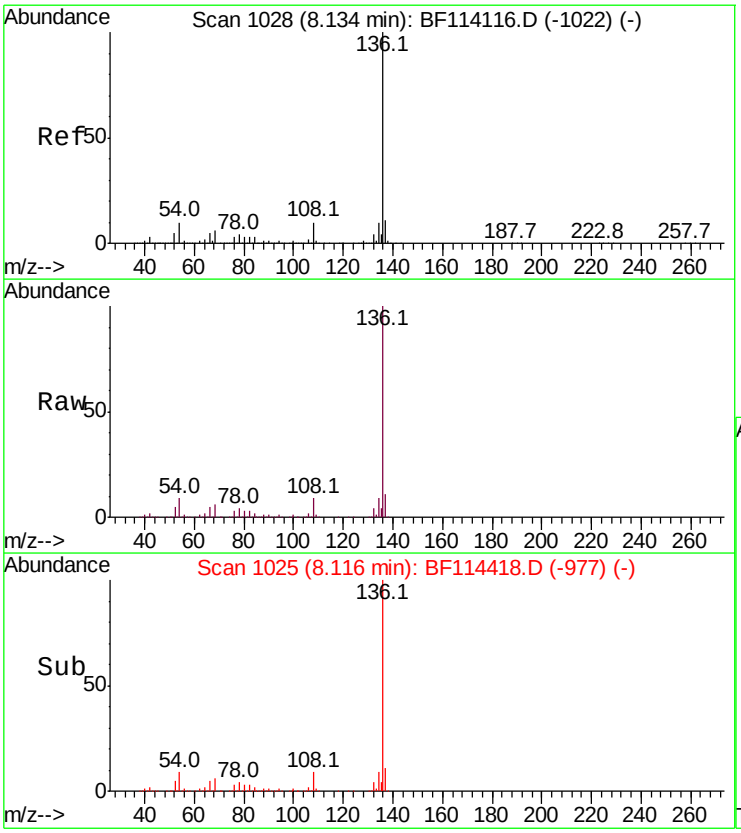
#19
n-Nitroso-di-n-propylamine
Concen: 30.044 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 330054

Ion	Ratio	Lower	Upper
70	100		
42	58.6	58.6	87.8
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#

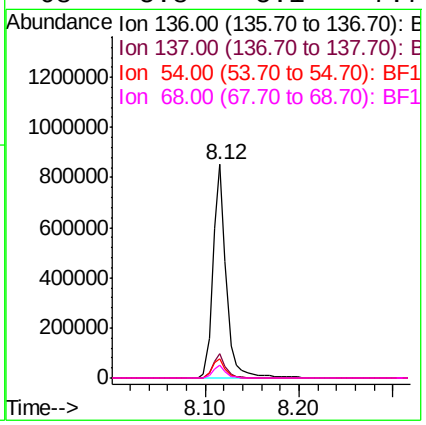


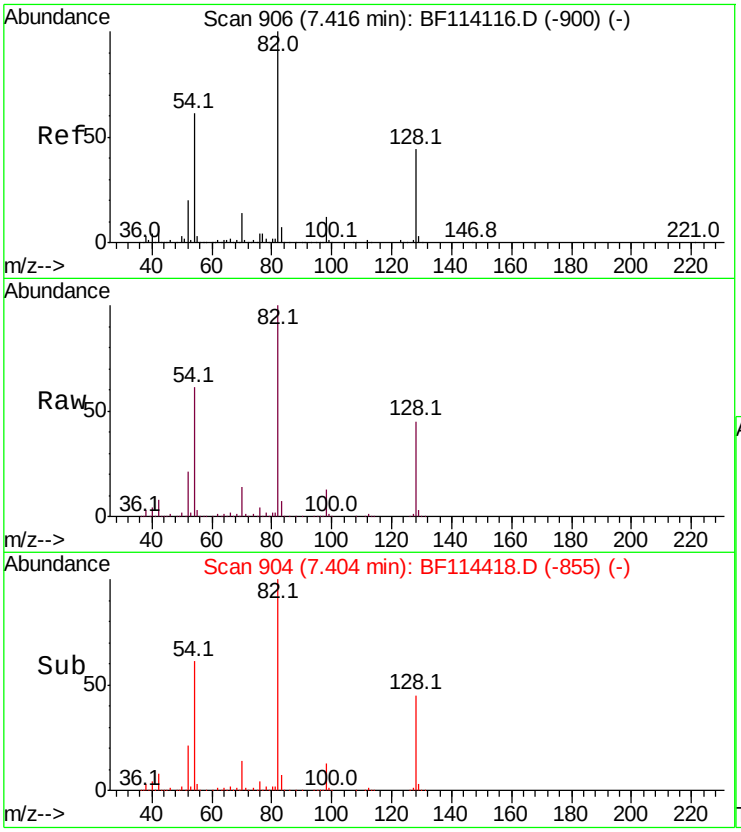


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:136 Resp: 848361

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.2	7.8	11.8
68	5.8	5.1	7.7



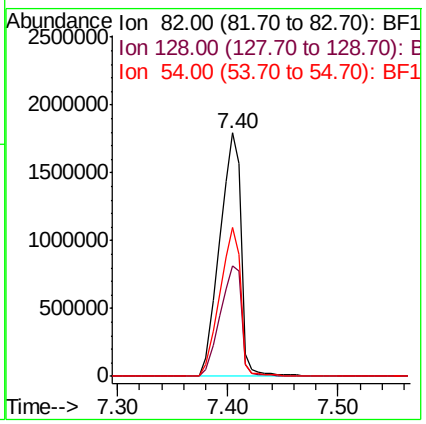


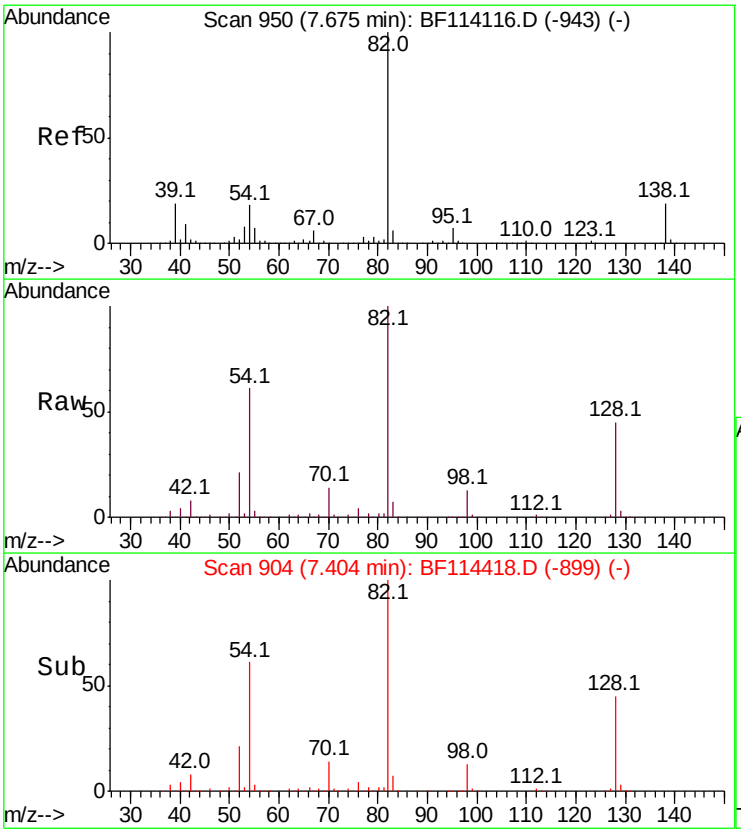
#23
Nitrobenzene-d5
Concen: 160.336 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2423781

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.5	53.3
54	61.4	48.5	72.7

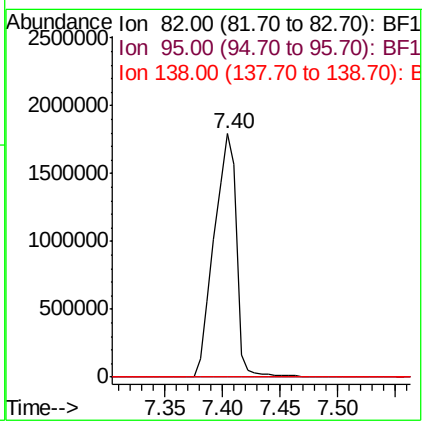


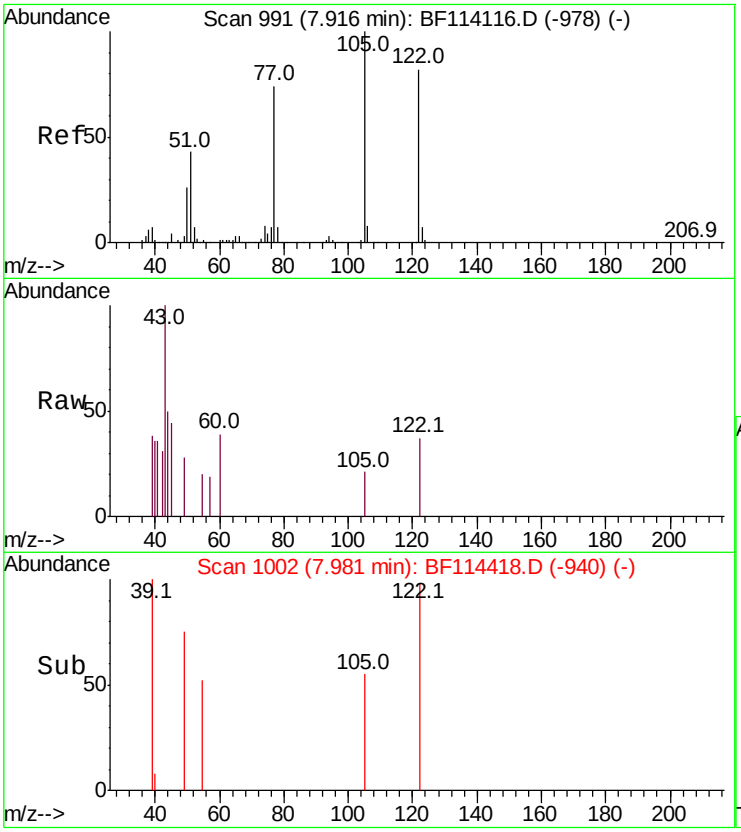


#25
Isophorone
Concen: 86.452 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion: 82 Resp: 2423754

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#



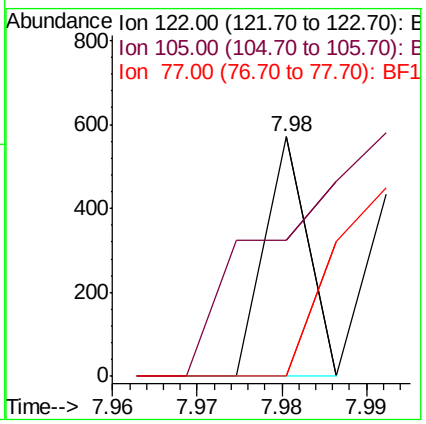


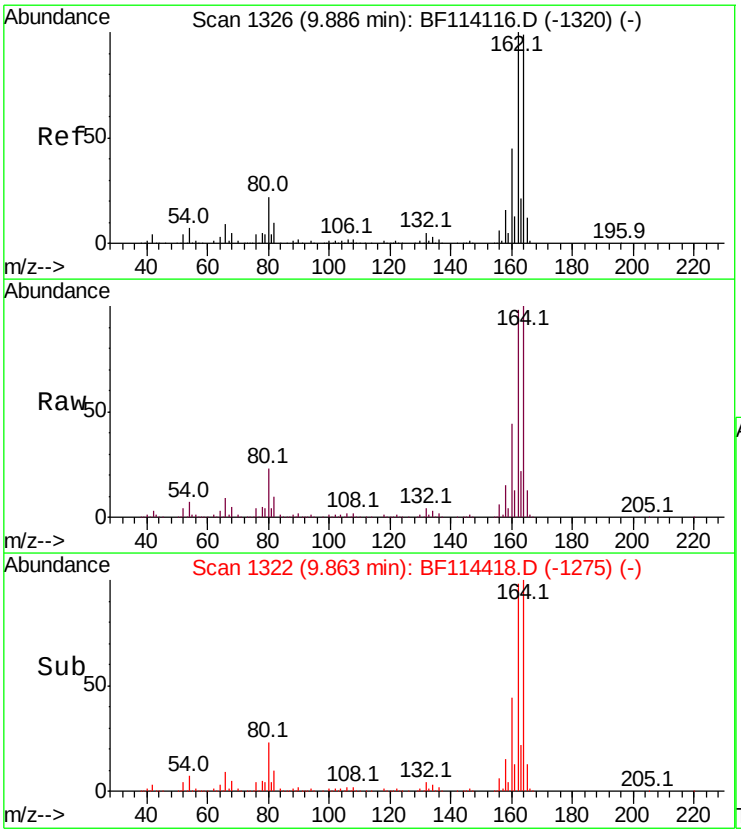
#32
Benzoic acid
Concen: 7.041 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.07 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 201

Ion	Ratio	Lower	Upper
122	100		
105	56.6	99.9	139.9#
77	0.0	69.4	109.4#

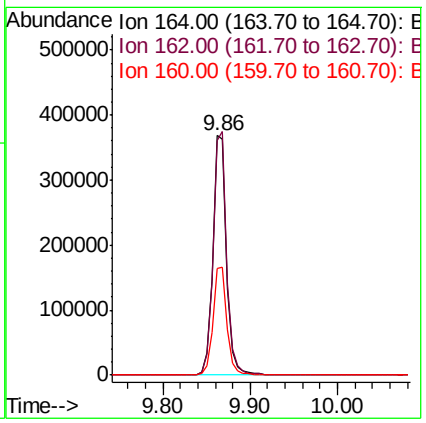


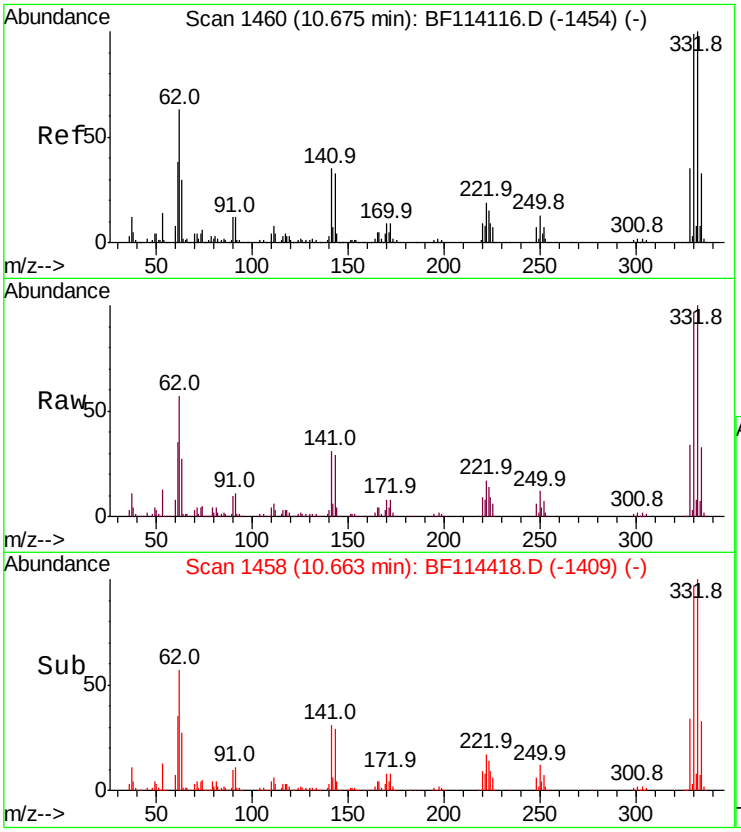


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:164 Resp: 395663

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	120.8
160	44.4	36.5	54.7



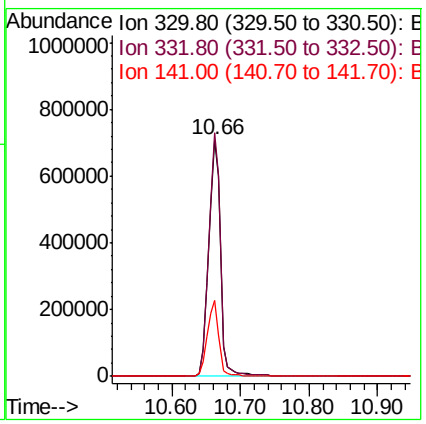


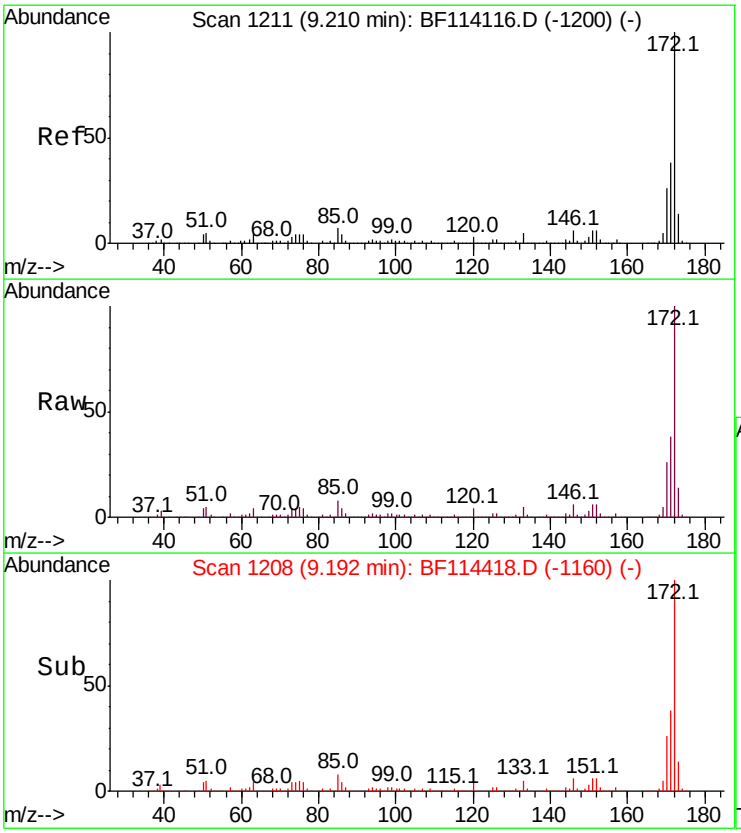
#42
2,4,6-Tribromophenol
Concen: 209.347 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 856331

Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	31.7	26.6	40.0

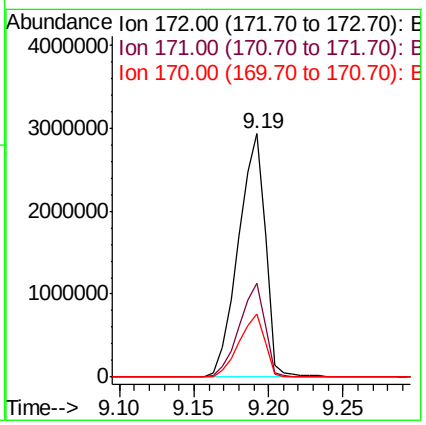


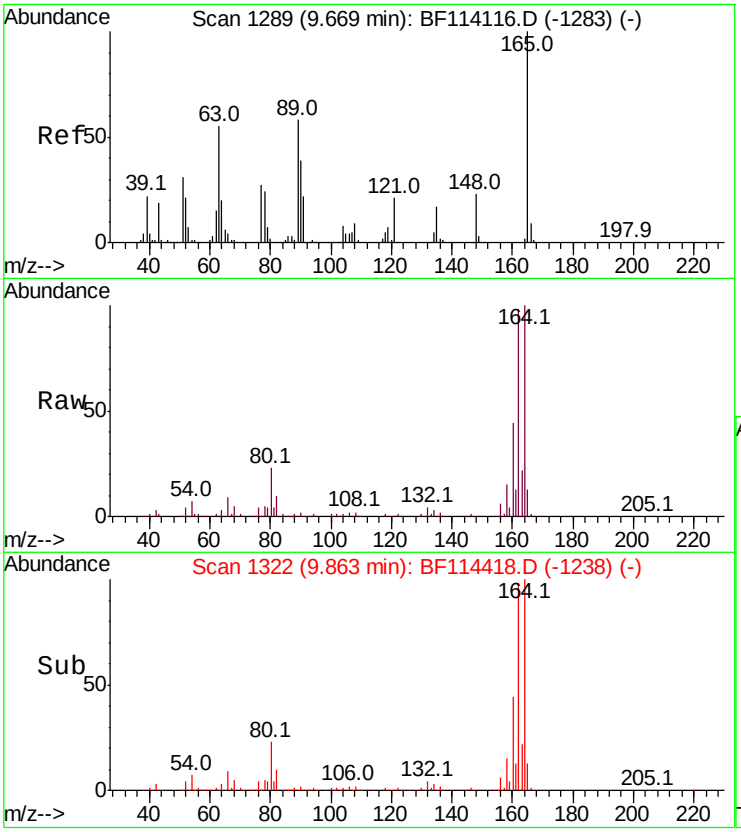


#45
2-Fluorobiphenyl
Concen: 140.866 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:172 Resp: 3684580

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.7	46.1
170	25.8	20.5	30.7



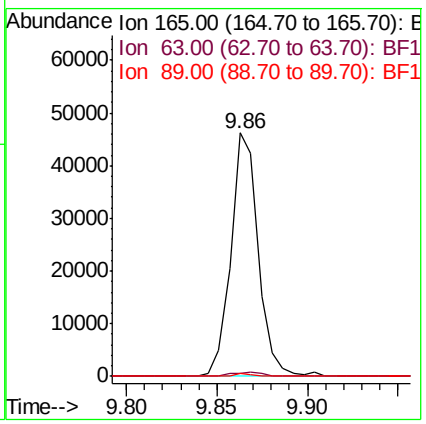


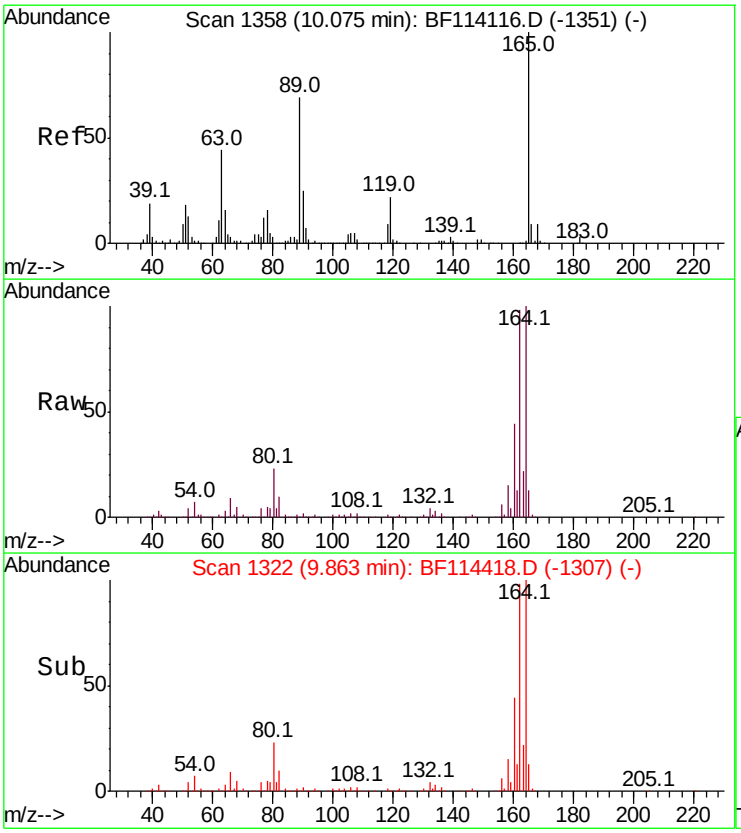
#51
2,6-Dinitrotoluene
Concen: 7.520 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 48443

Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.2	75.4#
89	1.1	46.6	69.8#

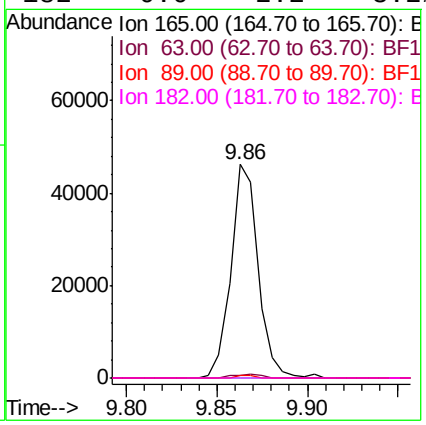


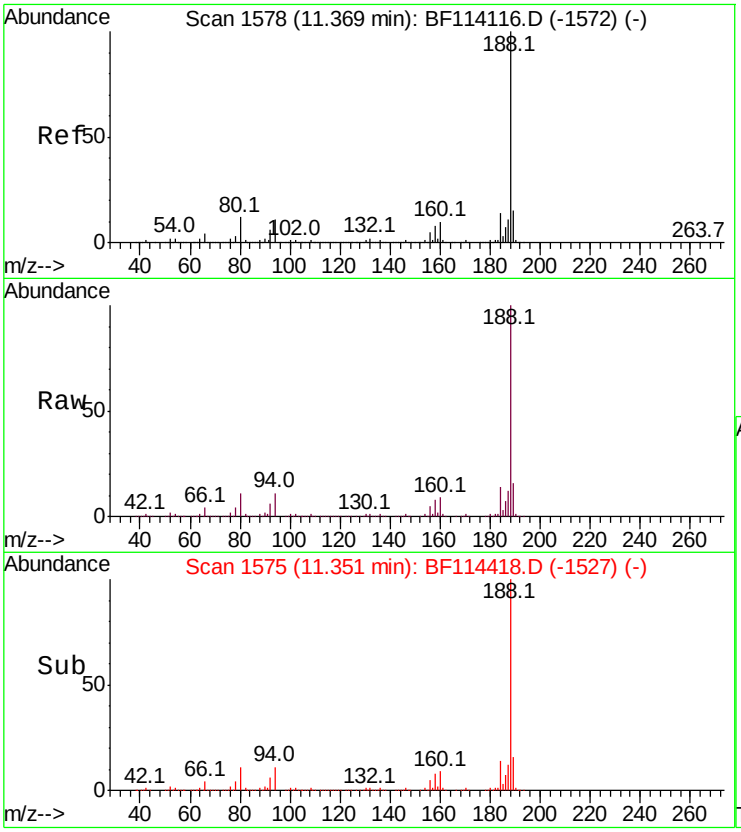


#57
2,4-Dinitrotoluene
Concen: 5.540 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:165 Resp: 48443

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#



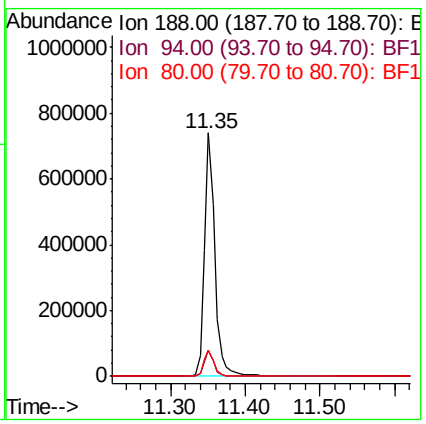


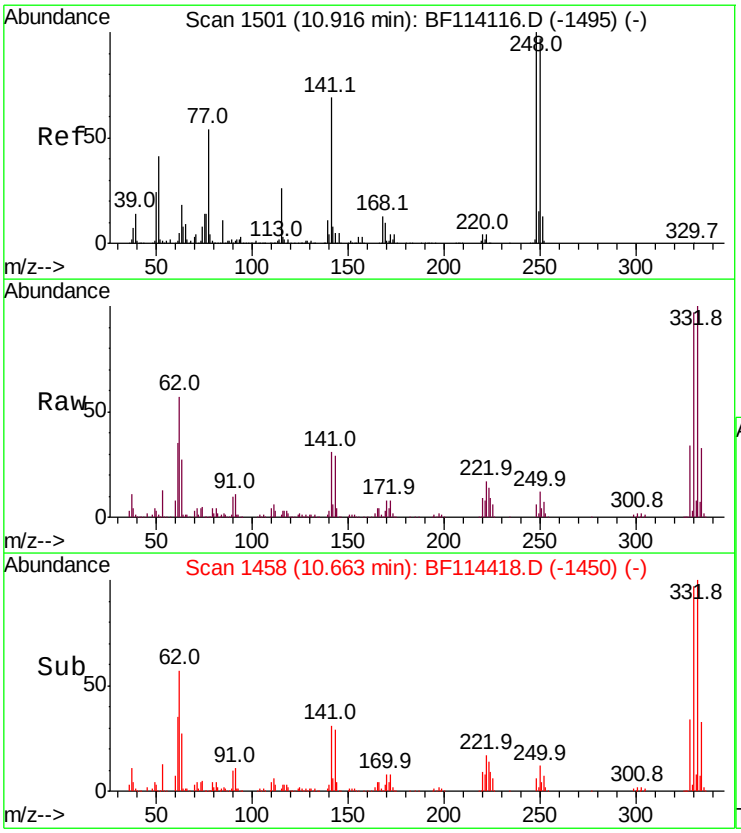
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 721821

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	10.8	9.2	13.8

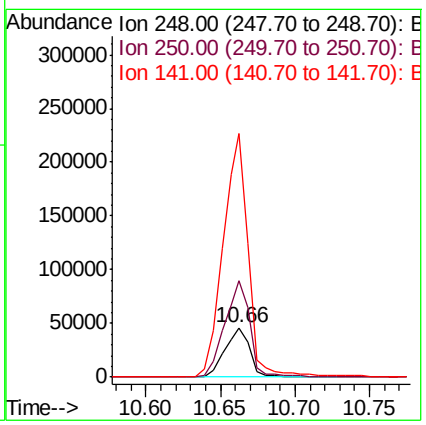


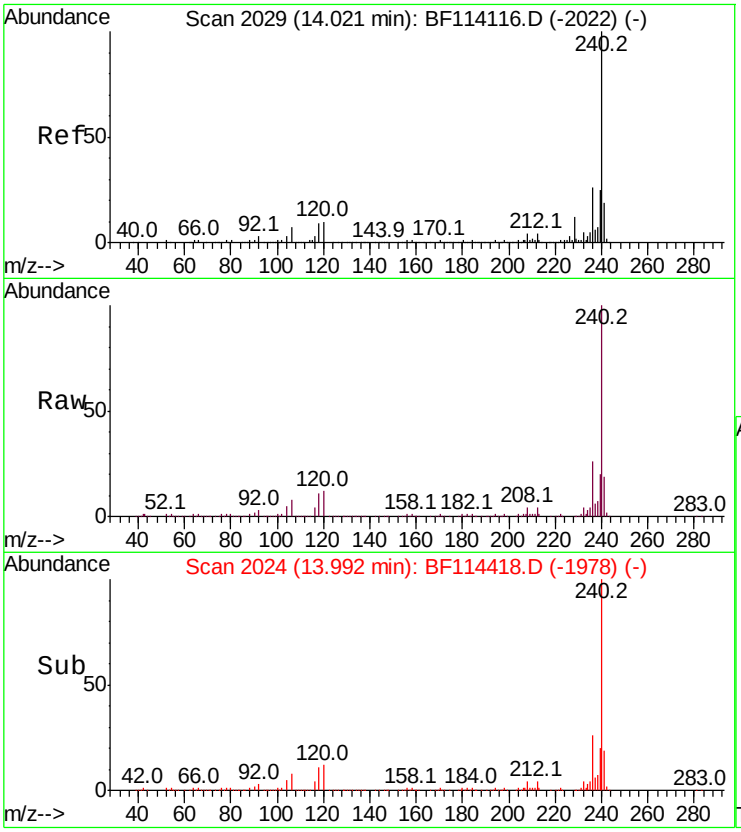


#67
4-Bromophenyl-phenylether
Concen: 6.842 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:248 Resp: 54375

Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.4	116.2#
141	491.7	55.6	83.4#



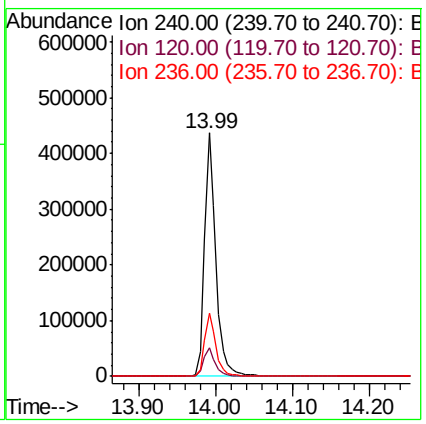


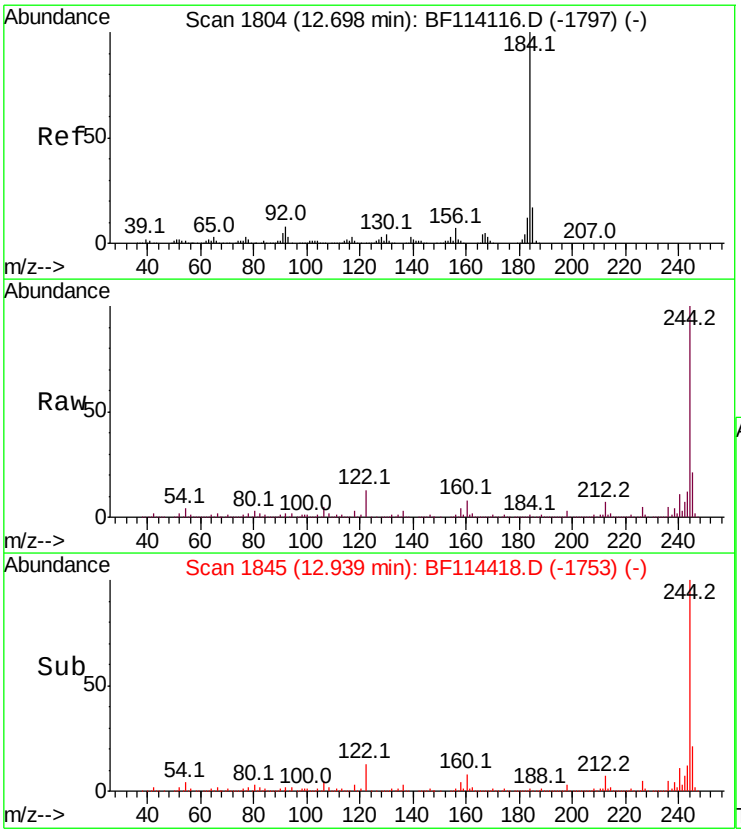
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 443061

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.8	20.8	31.2

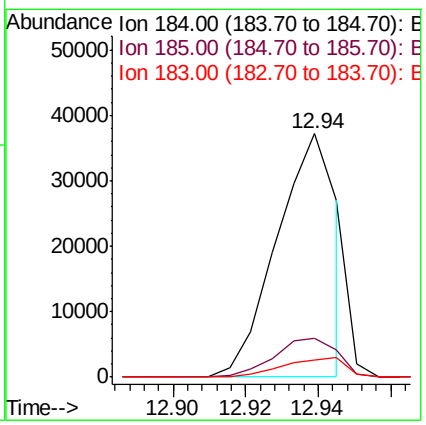


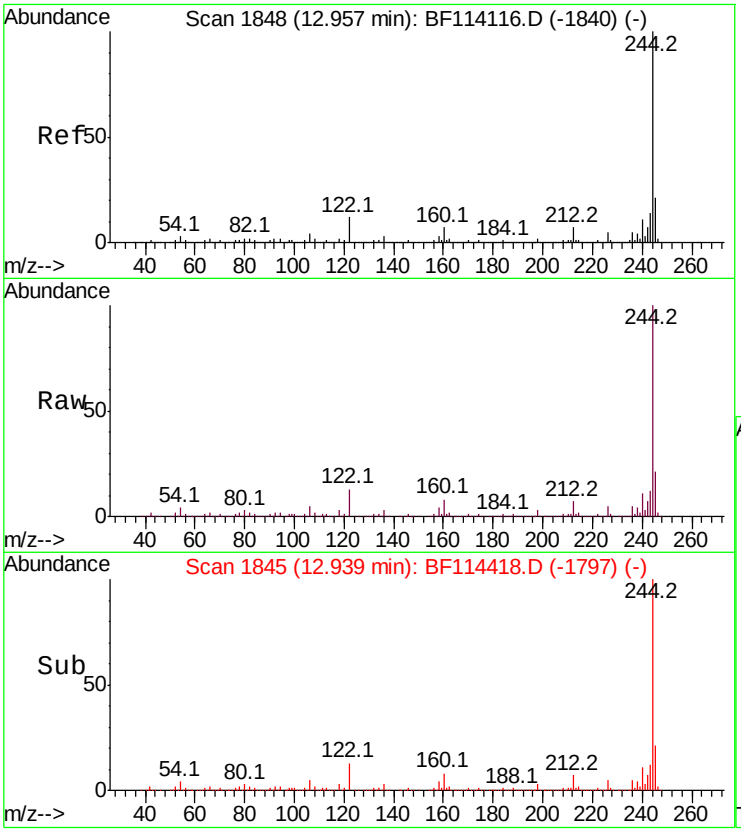


#77
Benzidine
Concen: 2.154 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:184 Resp: 42838

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.6	20.4
183	7.1	9.2	13.8#



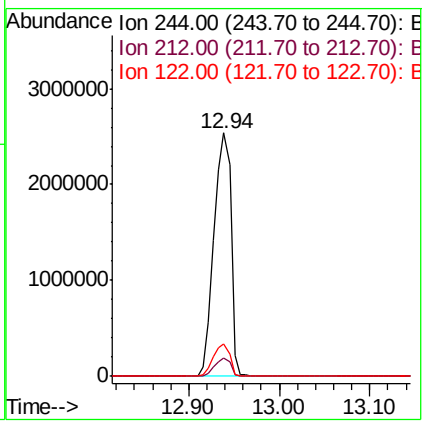


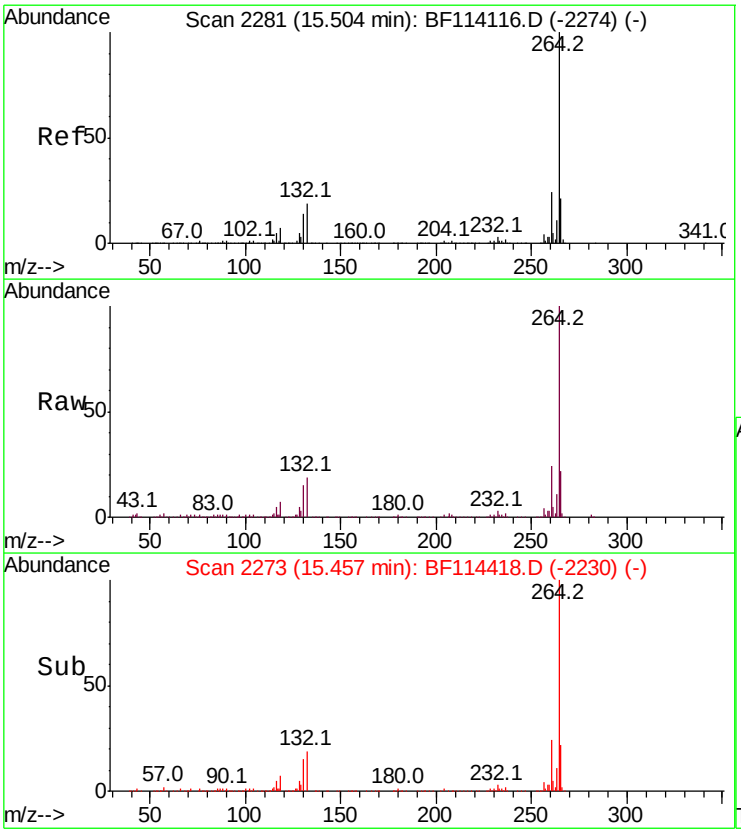
#79
Terphenyl-d14
Concen: 152.886 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3285970

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	13.4	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:264 Resp: 469058

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.9	25.3