Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113402.D
Acq On : 29 Mar 2019 6:03
Operator : JU/SJ
Sample : K2093-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 30091-30097-4

Quant Time: Mar 29 08:34:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	185812	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	676993	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	343402	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	646433	20.00	ng		0.00
76) Chrysene-d12	13.83	240	468087	20.00	ng		-0.01
87) Perylene-d12	15.24	264	481262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1051880	92.56	ng		0.01
7) Phenol-d6	6.35	99	1196932	83.26	ng		0.00
23) Nitrobenzene-d5	7.27	82	935097	81.98	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	483625	114.01	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1746647	78.34	ng		0.00
79) Terphenyl-d14	12.79	244	1685117	79.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.25	77	39003	4.043	ng		96
15) Benzyl Alcohol	6.86	79	80163	8.452	ng	#	69
17) 2-Methylphenol	6.87	107	35052	3.389	ng	#	14
19) n-Nitroso-di-n-propylamine	7.27	70	122144	13.526	ng	#	76
20) 3+4-Methylphenols	7.13	107	198361	11.051	ng	#	81
25) Isophorone	7.27	82	931194	42.127	ng	#	64
32) Benzoic acid	7.94	122	316376	43.430	ng		97
51) 2,6-Dinitrotoluene	9.73	165	44241	7.706	ng	#	27
57) 2,4-Dinitrotoluene	9.73	165	44241	6.060	ng	#	24
67) 4-Bromophenyl-phenylether	10.52	248	26722	3.793	ng	#	1

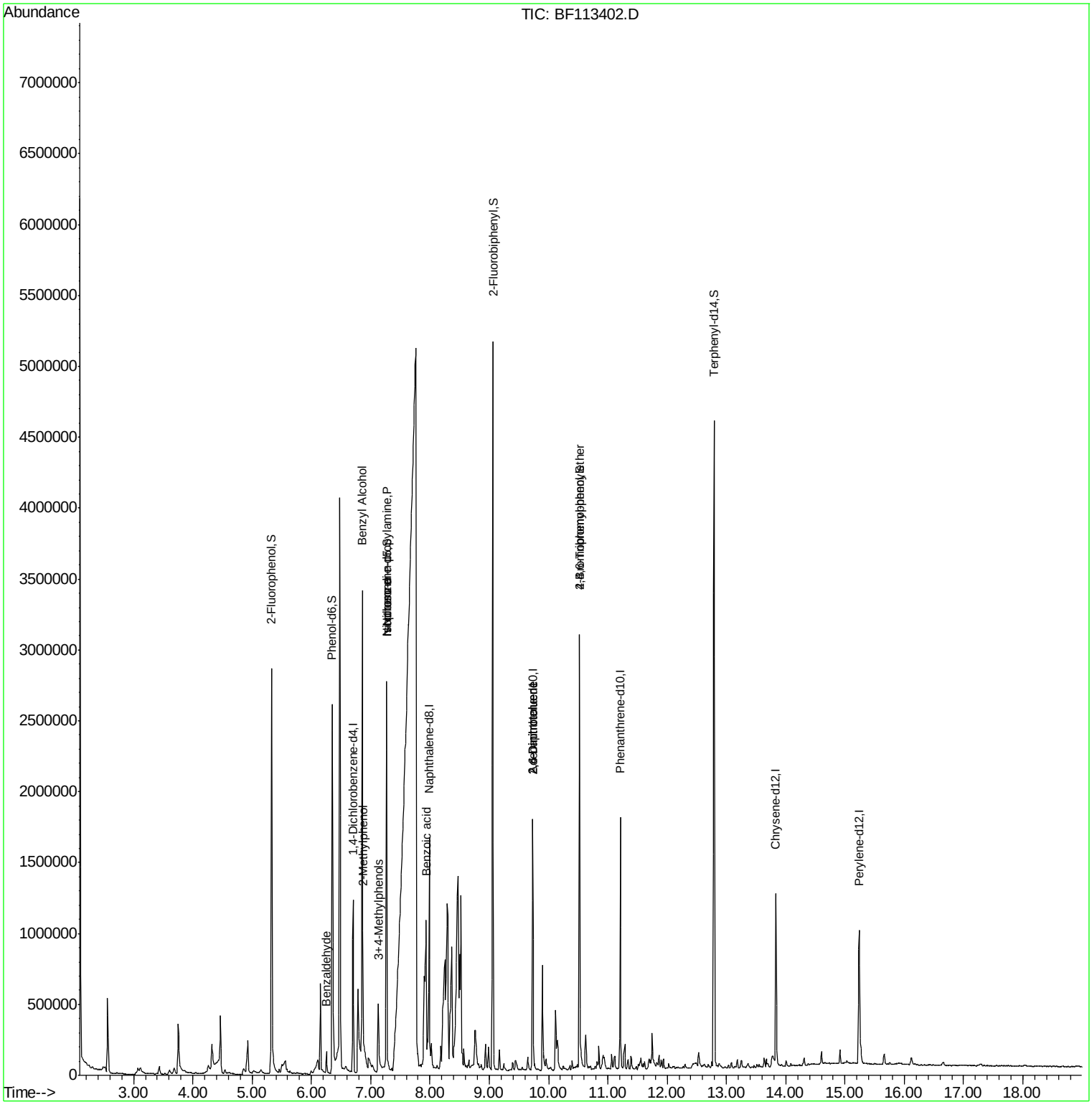
(#) = qualifier out of range (m) = manual integration (+) = signals summed

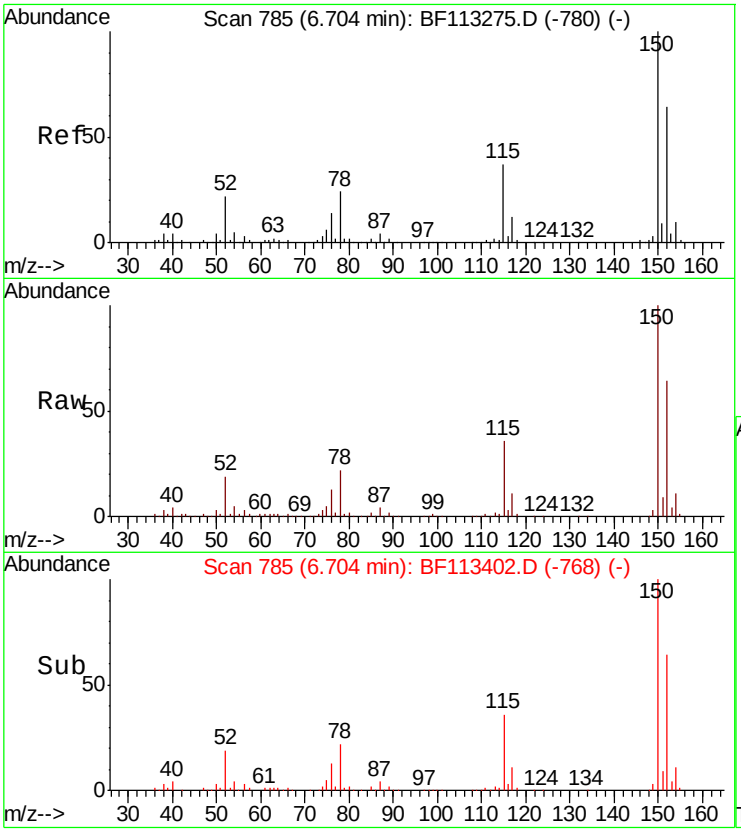
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113402.D
Acq On : 29 Mar 2019 6:03
Operator : JU/SJ
Sample : K2093-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Quant Time: Mar 29 08:34:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



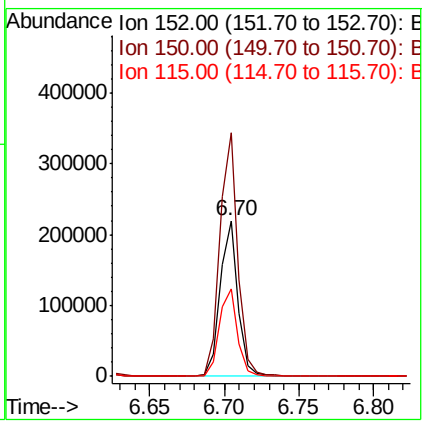


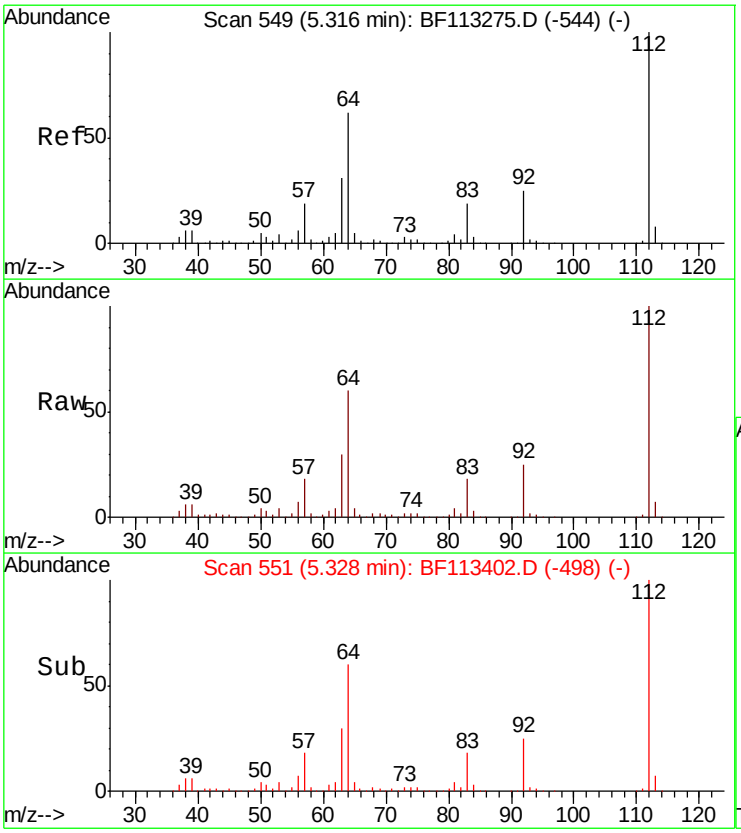
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:152 Resp: 185812

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	55.9	46.0	69.0

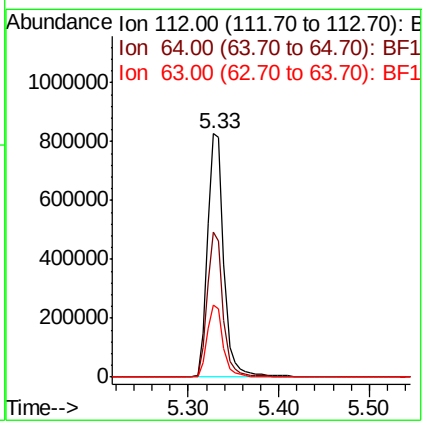


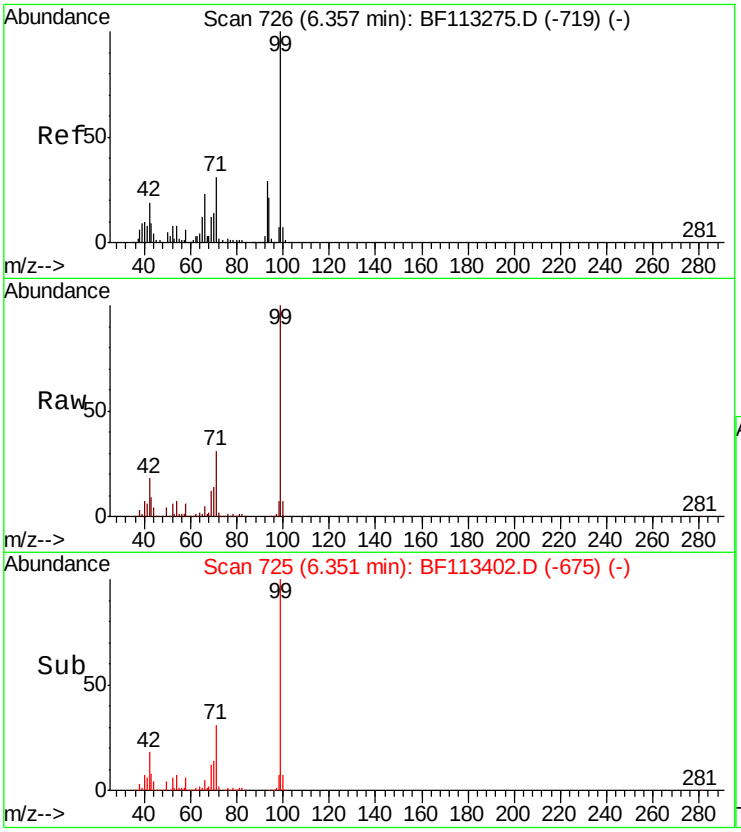


#5
2-Fluorophenol
Concen: 92.564 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:112 Resp: 1051880

Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.2	73.8
63	29.7	24.9	37.3



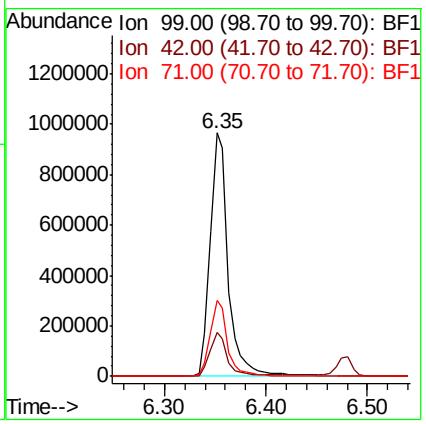


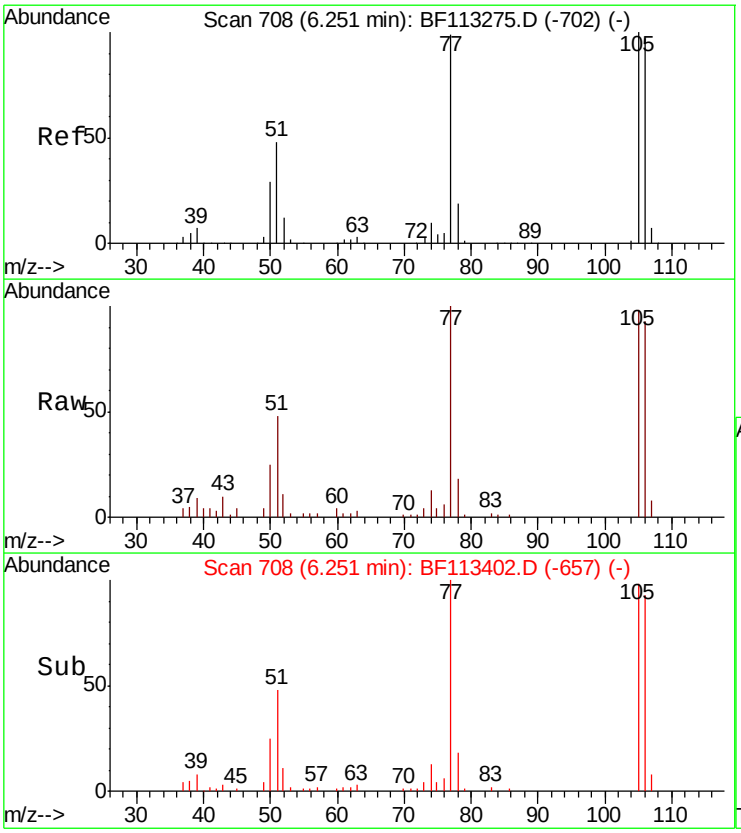
#7
Phenol-d6
Concen: 83.260 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion: 99 Resp: 1196932

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.2	24.9	37.3

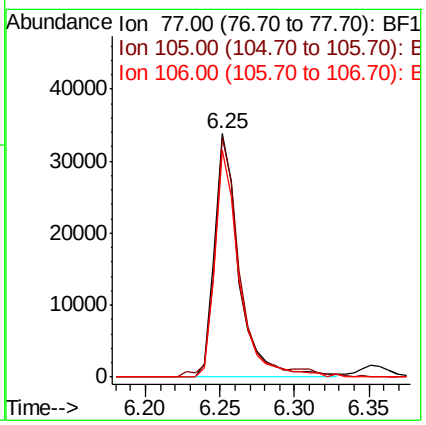


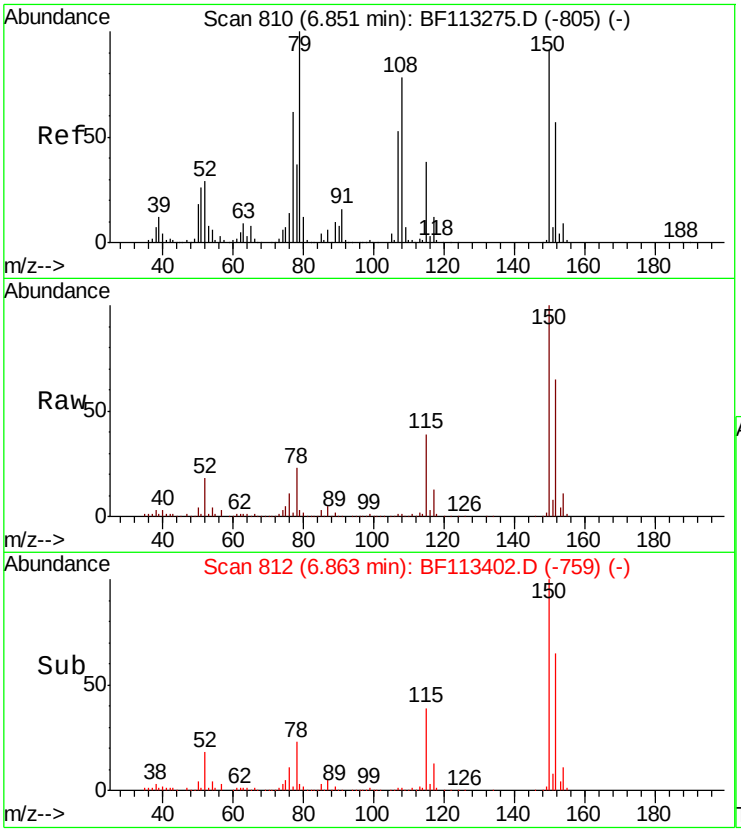


#9
Benzaldehyde
Concen: 4.043 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion: 77 Resp: 39003

Ion	Ratio	Lower	Upper
77	100		
105	98.5	80.9	120.9
106	93.1	77.8	117.8



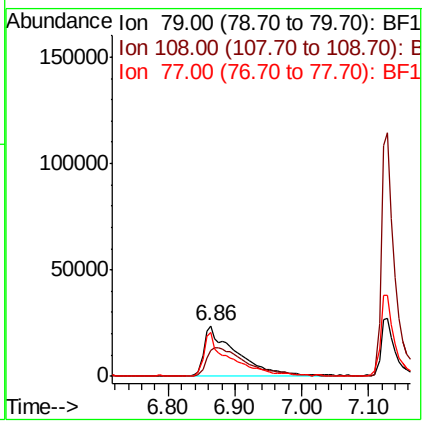


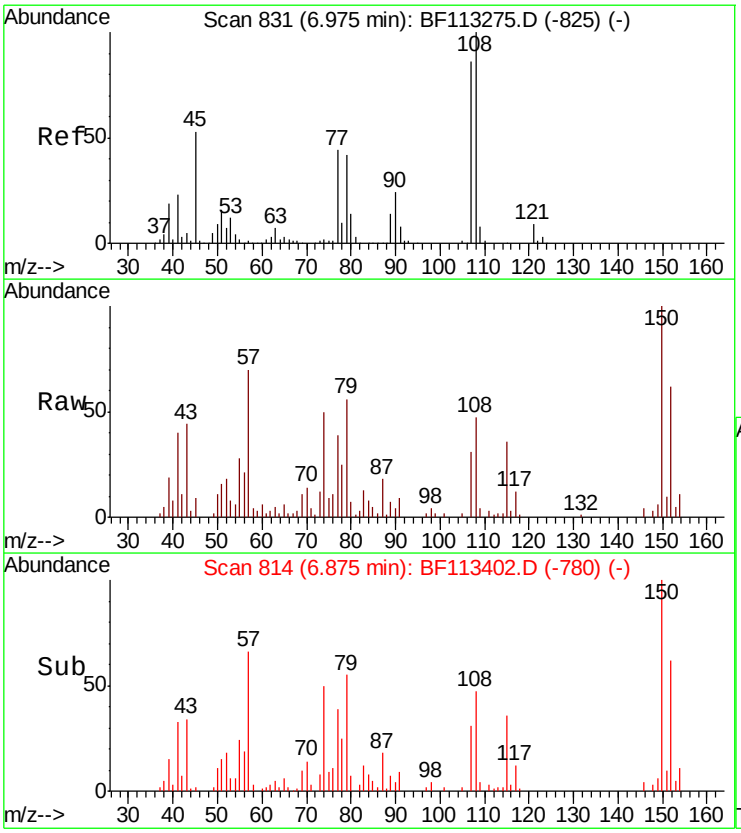
#15
Benzyl Alcohol
Concen: 8.452 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion: 79 Resp: 80163

Ion	Ratio	Lower	Upper
79	100		
108	50.4	62.0	93.0#
77	86.4	49.9	74.9#

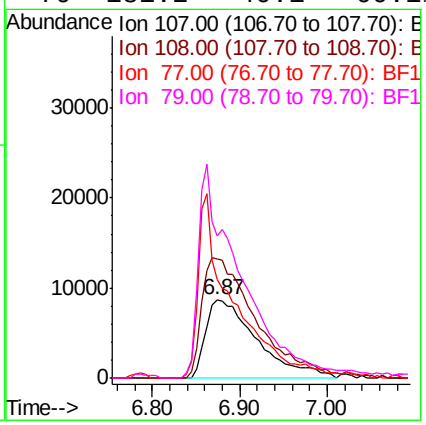


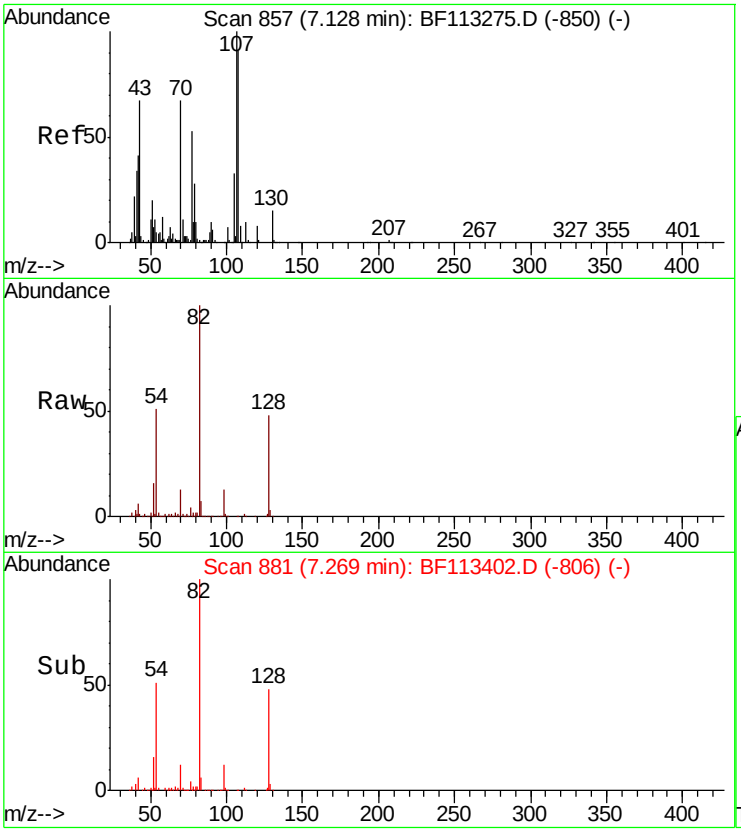


#17
2-Methylphenol
Concen: 3.389 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.10 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:107 Resp: 35052

Ion	Ratio	Lower	Upper
107	100		
108	151.5	93.4	140.0#
77	125.8	41.2	61.8#
79	181.2	40.1	60.1#



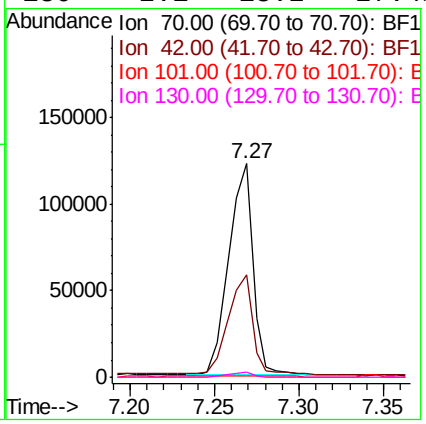


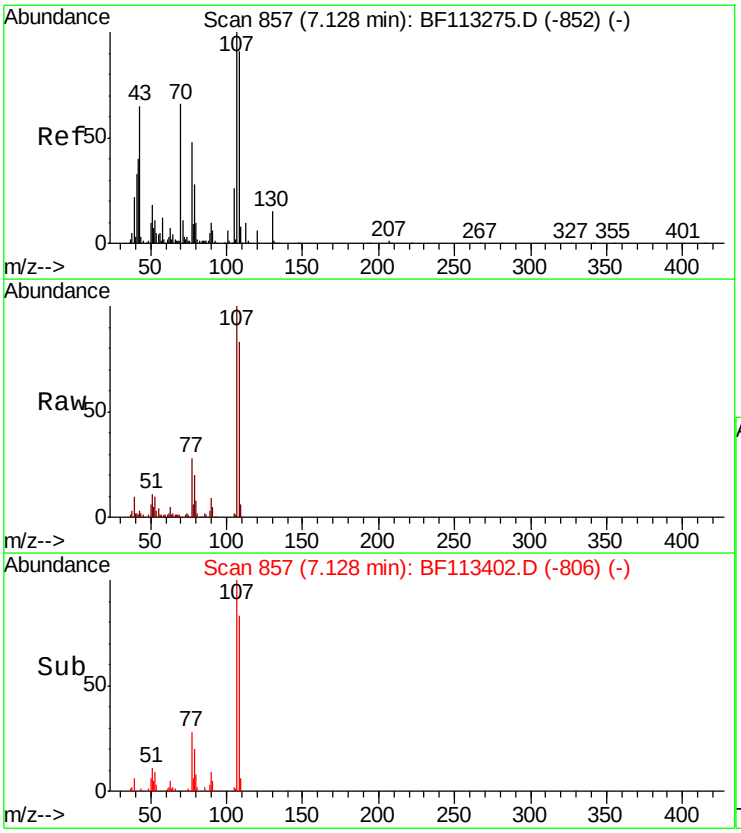
#19
n-Nitroso-di-n-propylamine
Concen: 13.526 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion: 70 Resp: 122144

Ion	Ratio	Lower	Upper
70	100		
42	48.1	48.4	72.6#
101	0.4	7.8	11.8#
130	2.1	18.2	27.4#

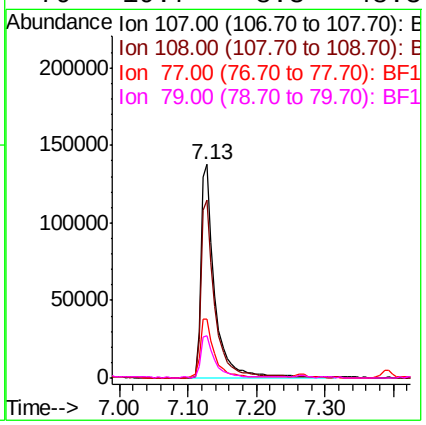


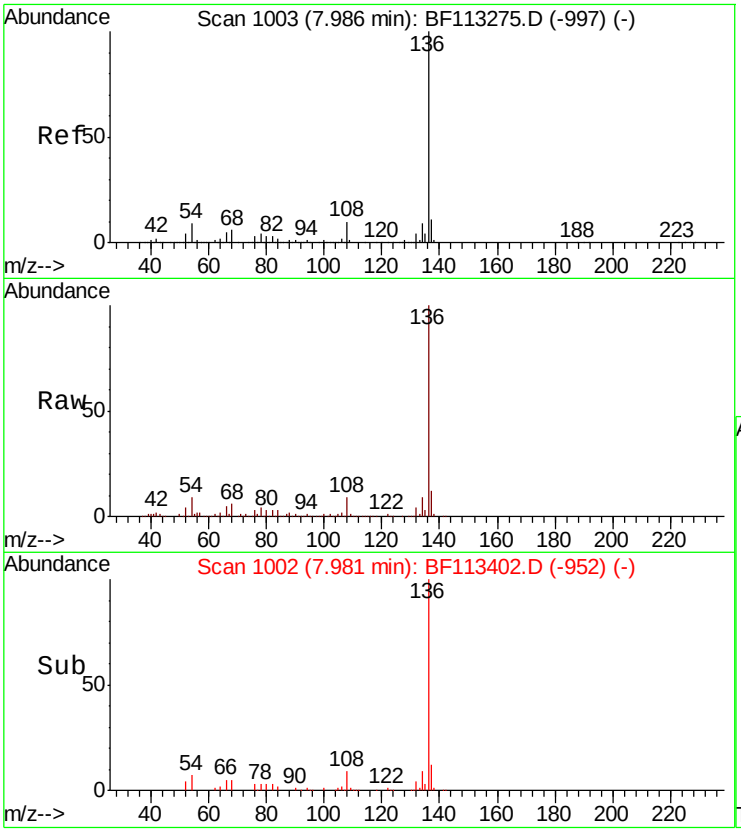


#20
3+4-Methylphenols
Concen: 11.051 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:107 Resp: 198361

Ion	Ratio	Lower	Upper
107	100		
108	83.1	71.4	111.4
77	27.6	33.5	73.5#
79	19.7	8.3	48.3



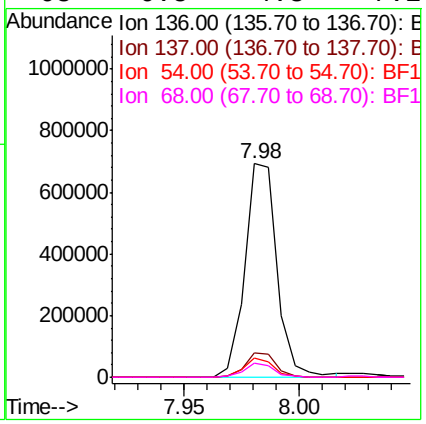


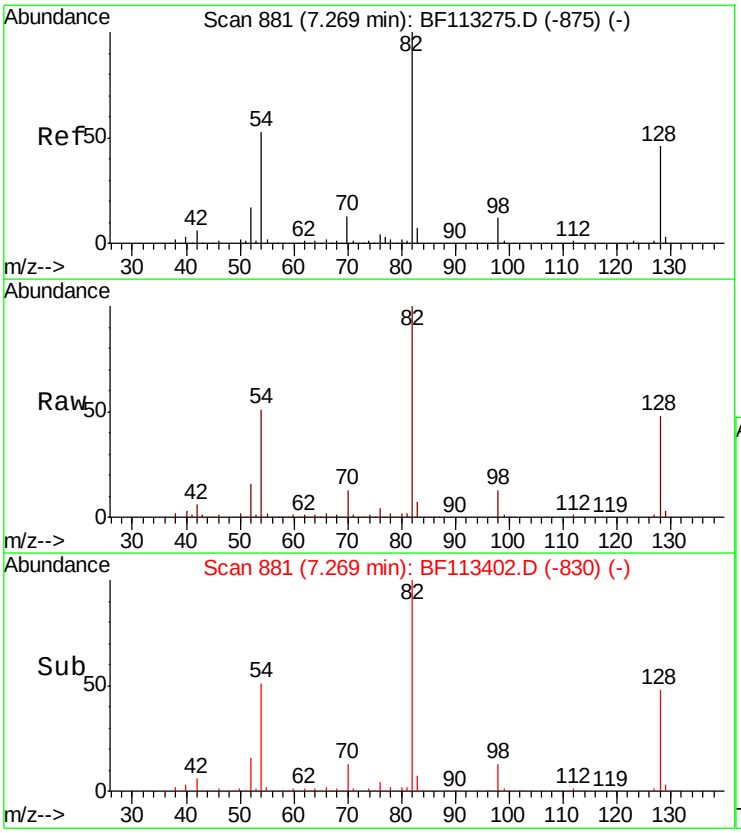
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:136 Resp: 676993

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.8	7.0	10.6
68	6.5	4.8	7.2

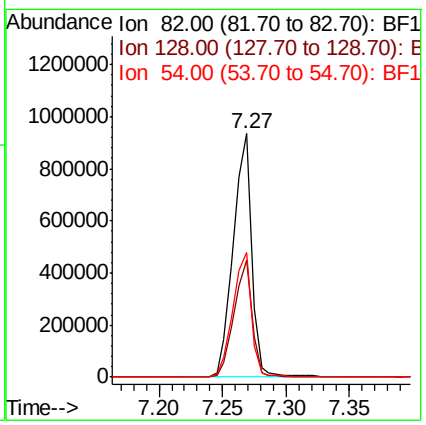


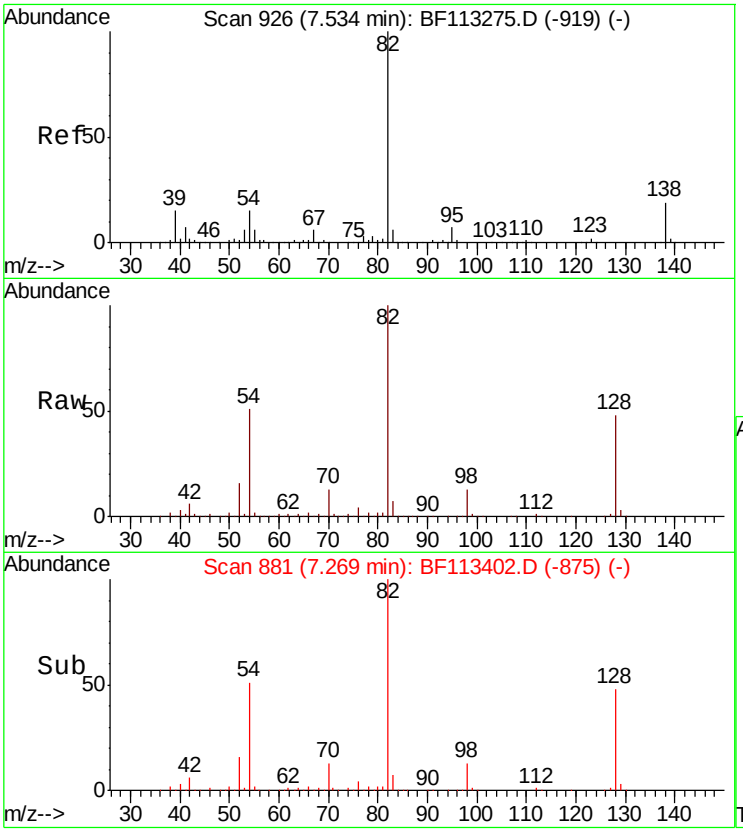


#23
Nitrobenzene-d5
Concen: 81.983 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion: 82 Resp: 935097

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.5	54.7
54	51.0	42.2	63.2



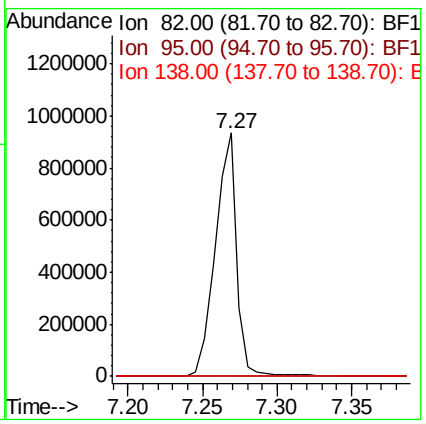


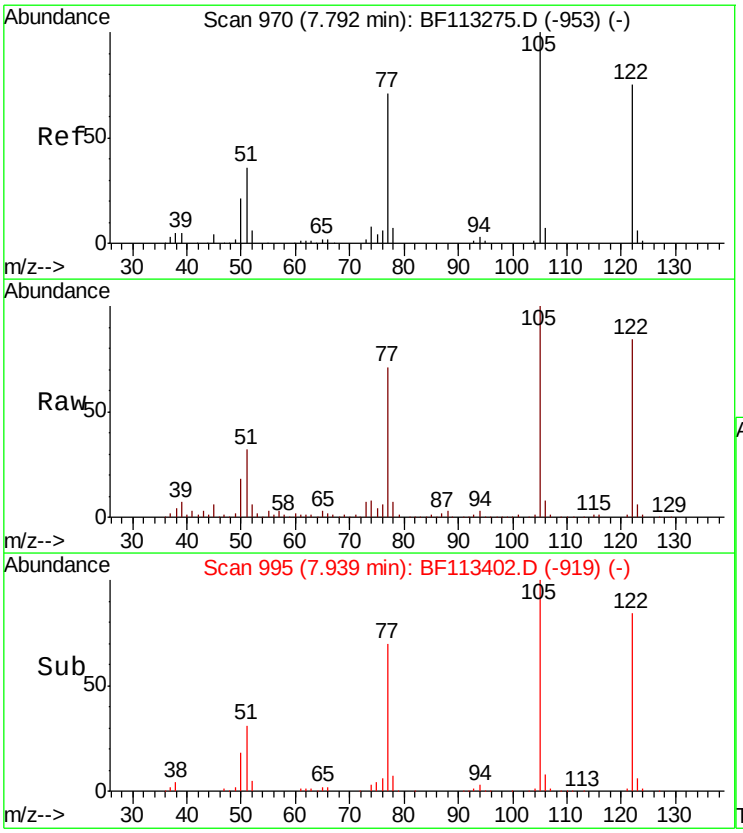
#25
Isophorone
Concen: 42.127 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion: 82 Resp: 931194

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

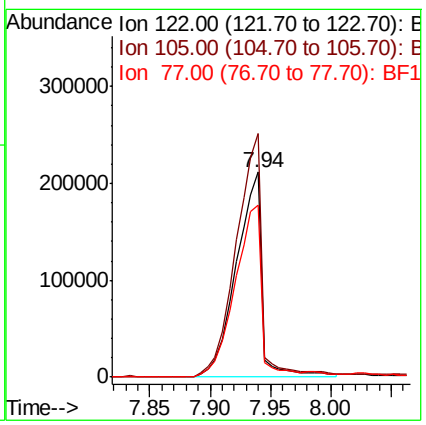


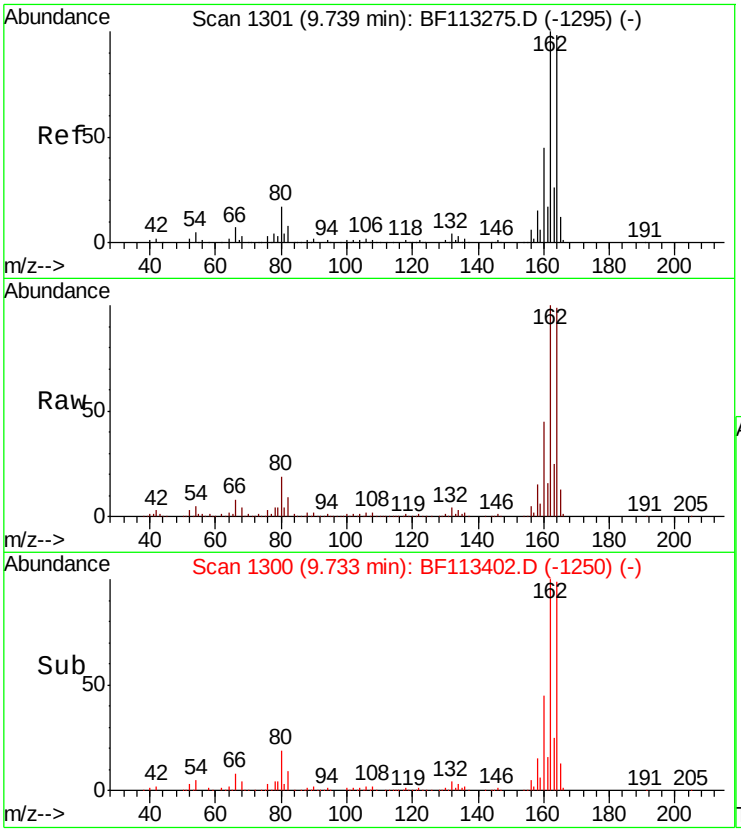


#32
Benzoic acid
Concen: 43.430 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.15 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:122 Resp: 316376

Ion	Ratio	Lower	Upper
122	100		
105	118.7	100.4	140.4
77	83.8	69.0	109.0



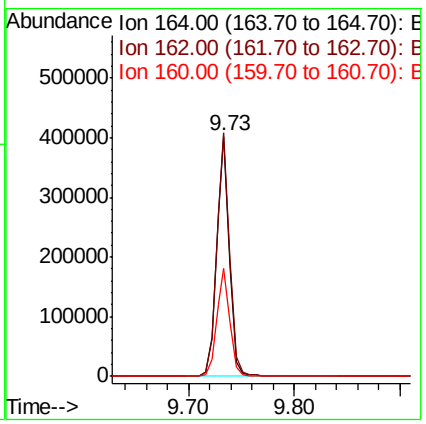


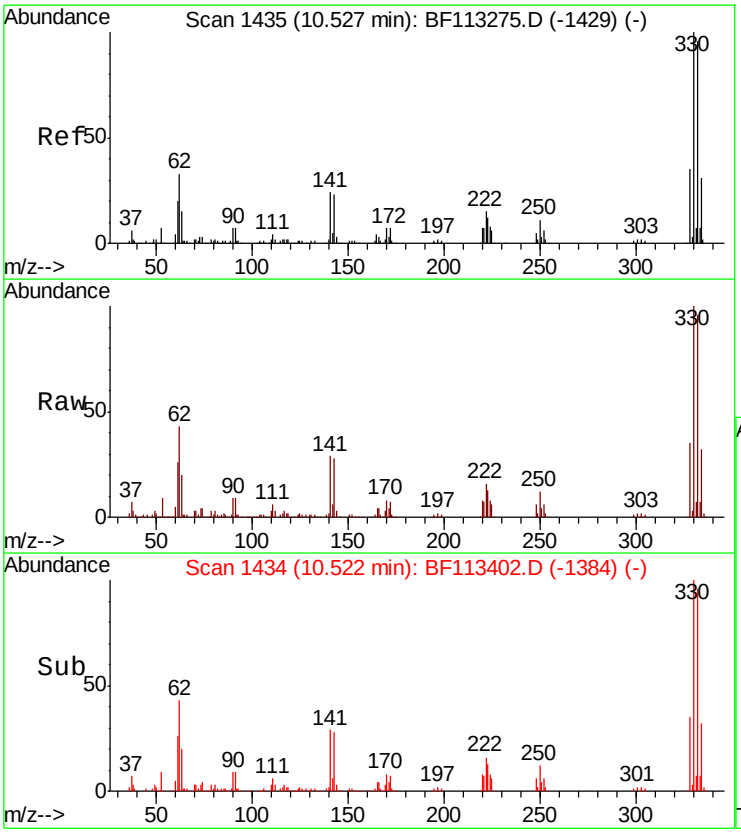
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:164 Resp: 343402

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	45.2	36.4	54.6

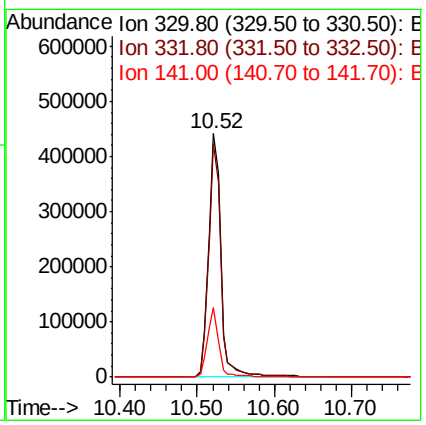


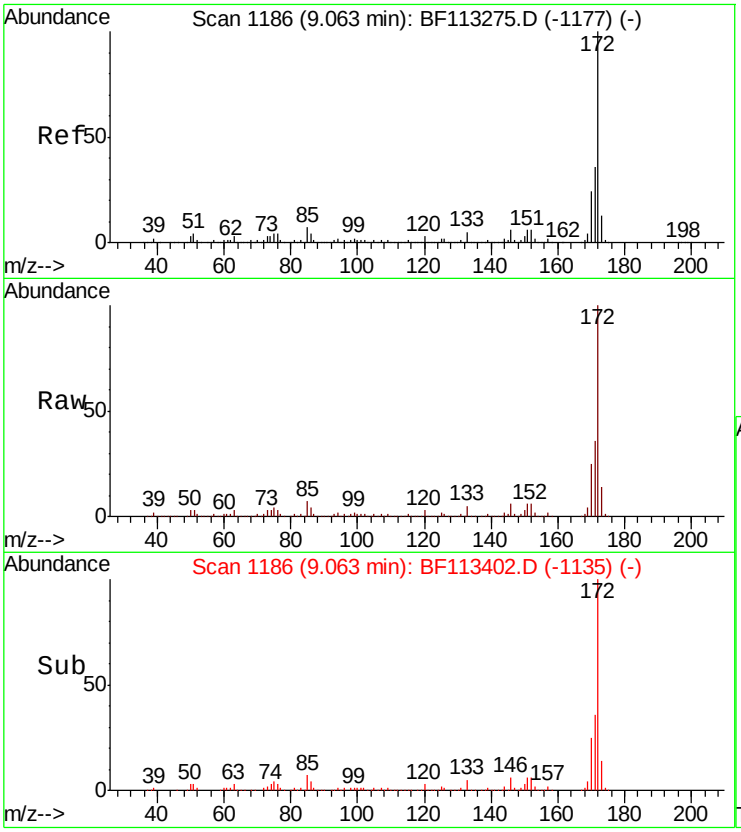


#42
2,4,6-Tribromophenol
Concen: 114.014 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:330 Resp: 483625

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	27.0	22.7	34.1



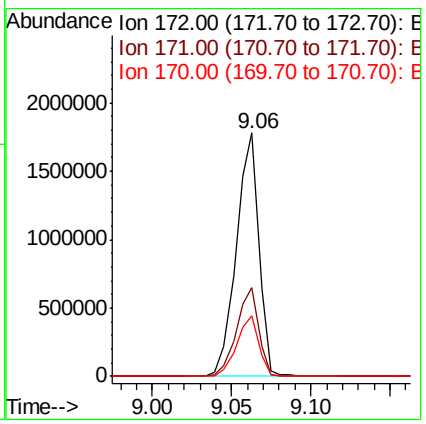


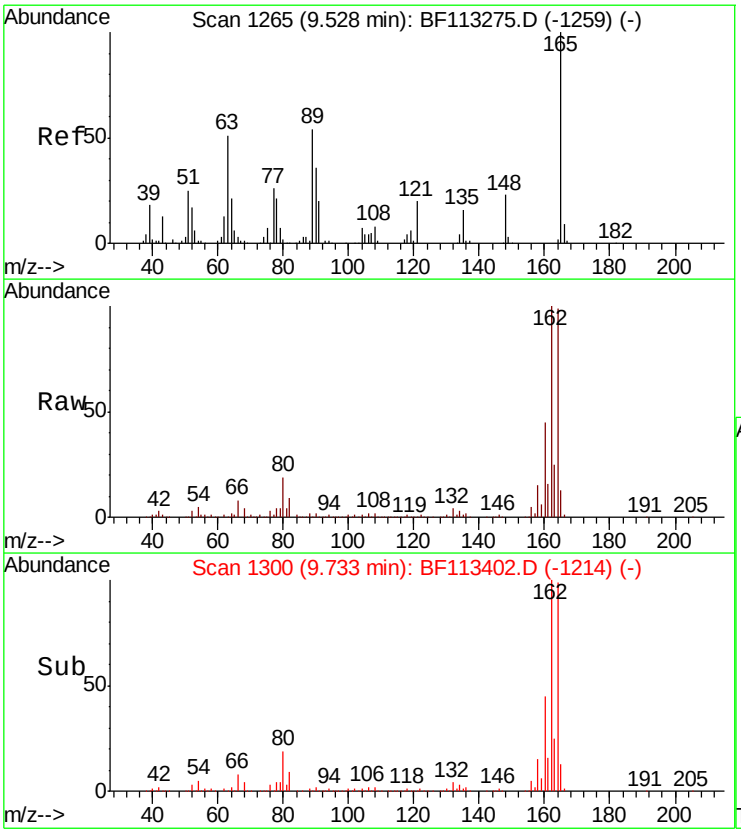
#45
2-Fluorobiphenyl
Concen: 78.338 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:172 Resp: 1746647

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.5	29.3

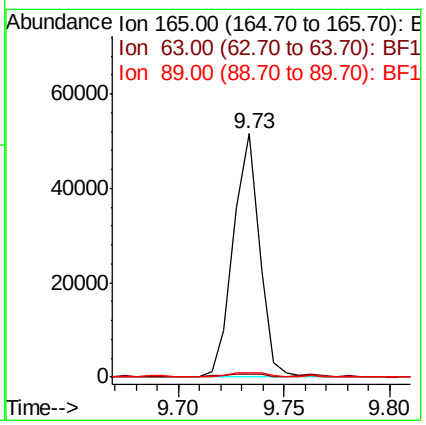


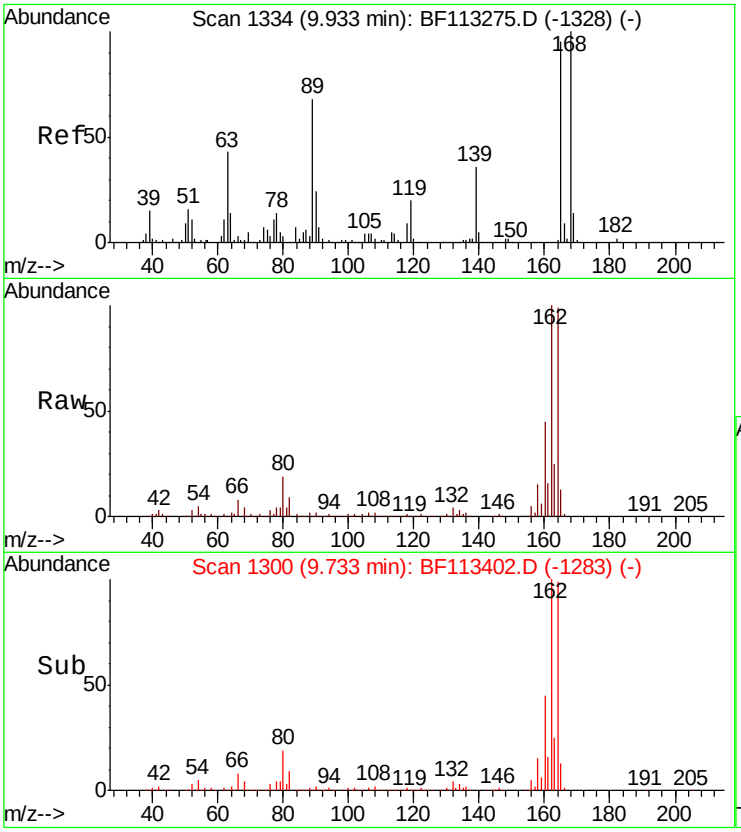


#51
2,6-Dinitrotoluene
Concen: 7.706 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:165 Resp: 44241

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.9	43.1	64.7#



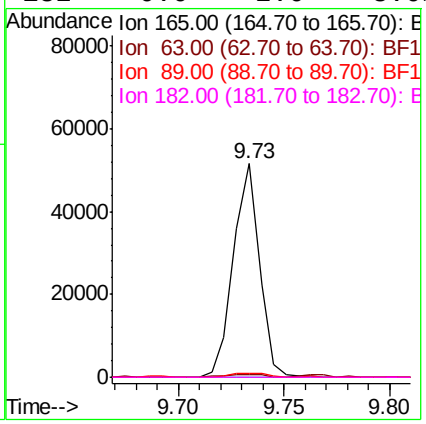


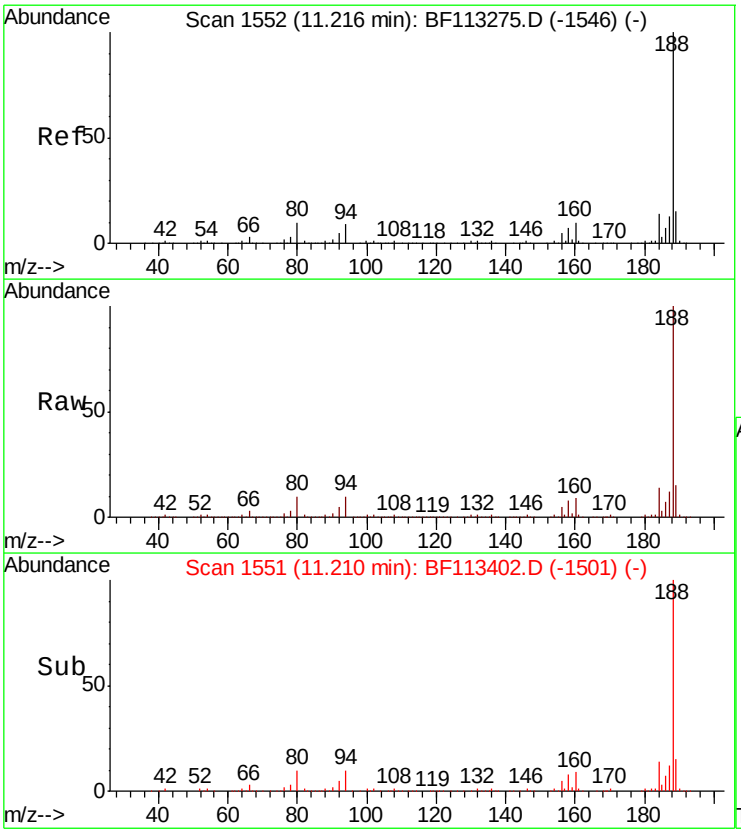
#57
2,4-Dinitrotoluene
Concen: 6.060 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:165 Resp: 44241

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.9	57.4	86.2#
182	0.0	2.0	3.0#

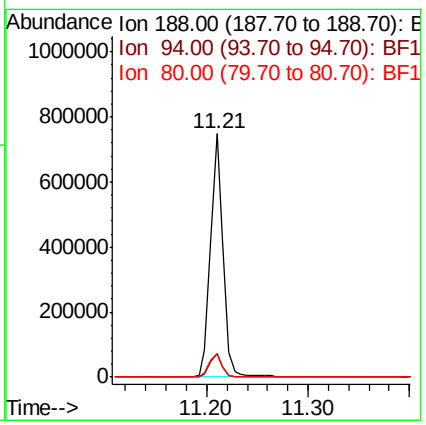


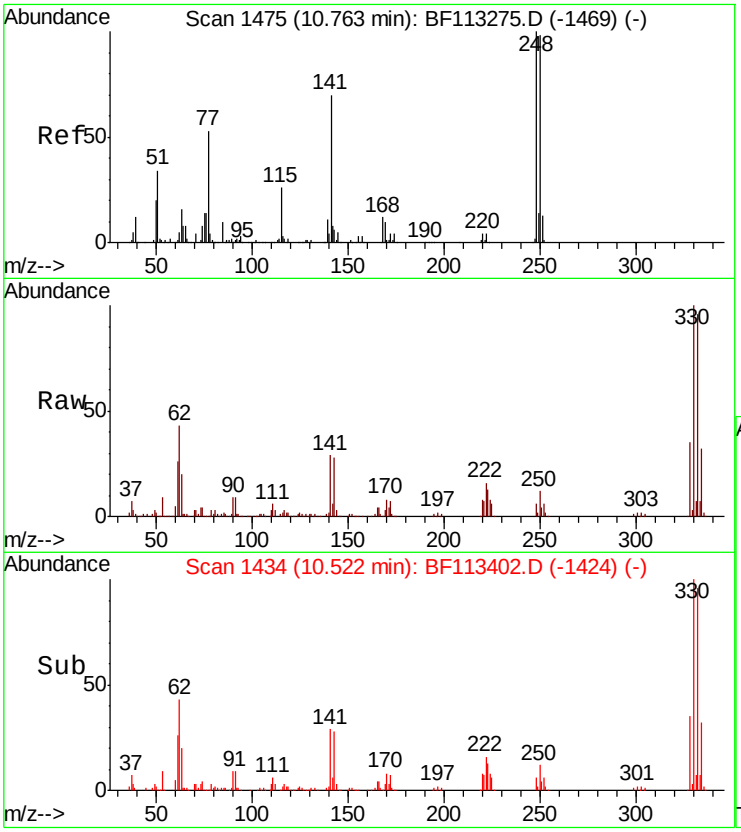


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:188 Resp: 646433

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.7	7.7	11.5



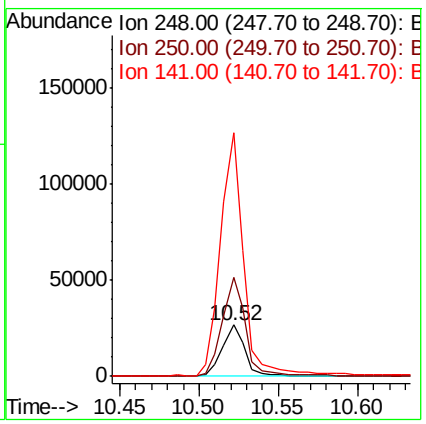


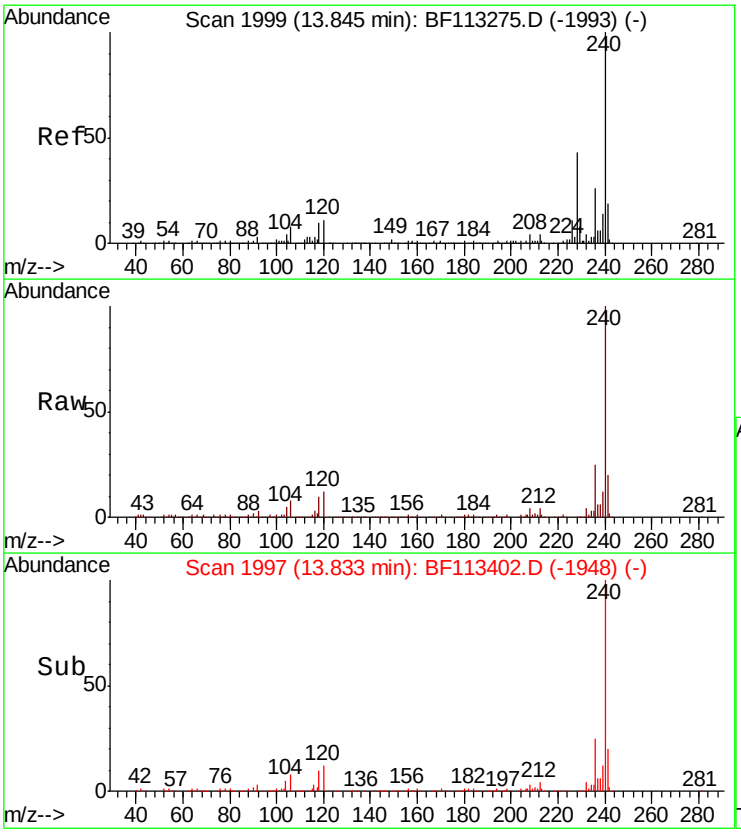
#67
4-Bromophenyl-phenylether
Concen: 3.793 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:248 Resp: 26722

Ion	Ratio	Lower	Upper
248	100		
250	194.2	78.3	117.5#
141	475.7	56.2	84.4#

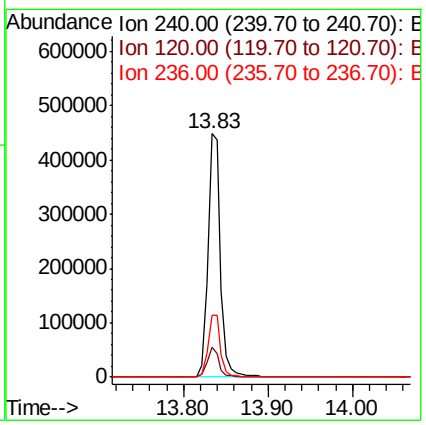


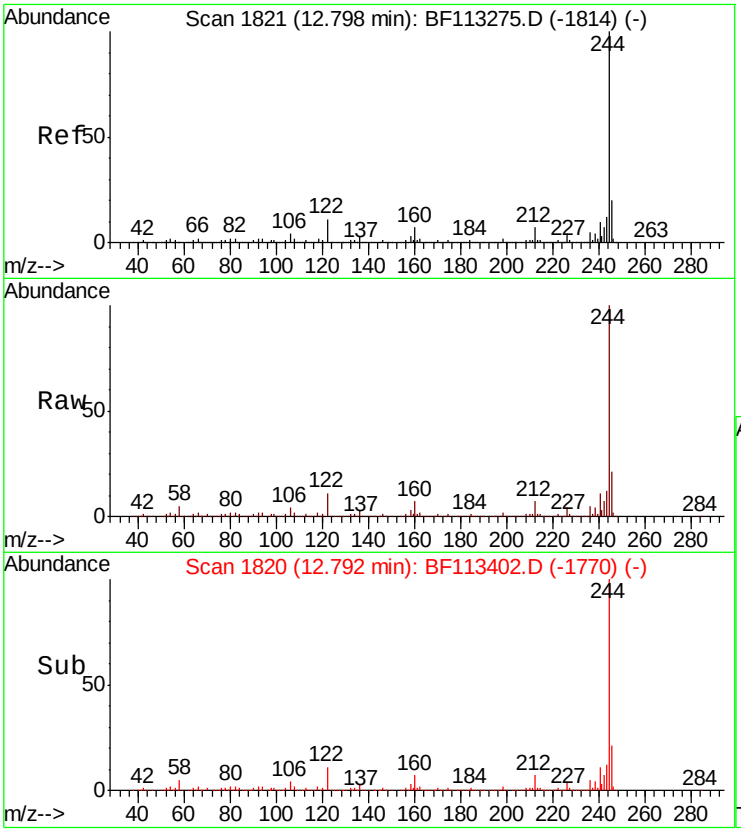


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:240 Resp: 468087

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.8	13.2
236	25.3	20.9	31.3



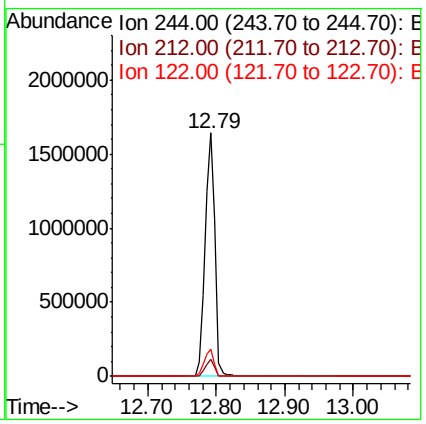


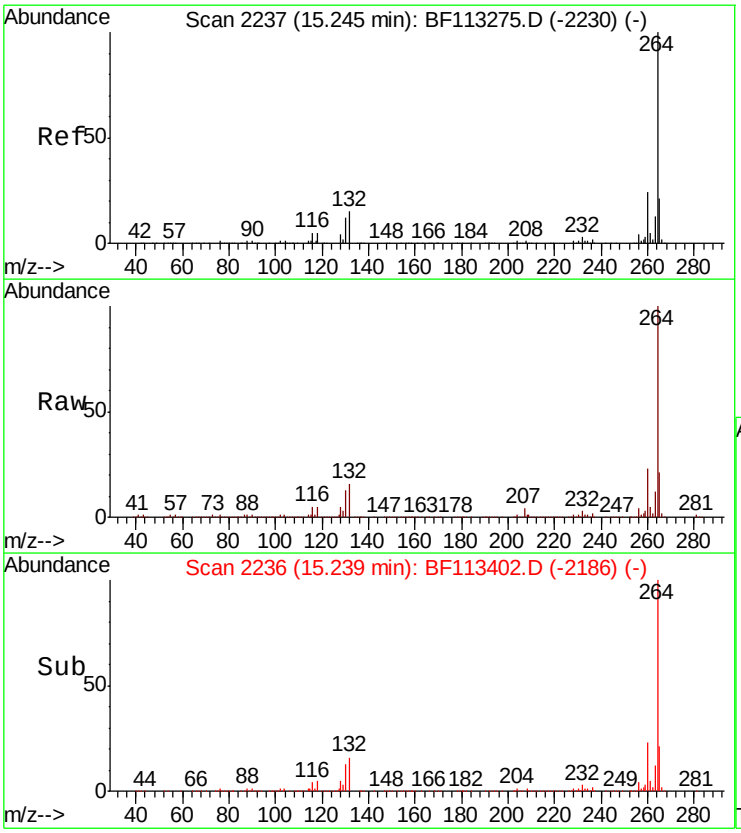
#79
Terphenyl-d14
Concen: 79.350 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tgt Ion:244 Resp: 1685117

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.4	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:264 Resp: 481262

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.4	17.1	25.7