Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113091.D
Acq On : 18 Mar 2019 15:38
Operator : JU/SJ
Sample : K1940-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWS

Quant Time: Mar 19 04:49:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191659	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	674989	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	305923	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	547300	20.00	ng		0.00
76) Chrysene-d12	13.87	240	505162	20.00	ng		0.00
87) Perylene-d12	15.29	264	504368	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	993432	80.63	ng		0.02
7) Phenol-d6	6.38	99	1211323	78.26	ng		0.00
23) Nitrobenzene-d5	7.29	82	940578	83.38	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	398339	122.65	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1645923	90.77	ng		0.00
79) Terphenyl-d14	12.83	244	1556913	59.74	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.89	79	25252	2.140	ng	#	56
20) 3+4-Methylphenols	7.15	107	79953	6.365	ng	#	55
25) Isophorone	7.29	82	929278	38.239	ng	#	66
32) Benzoic acid	7.99	122	3405788	499.764	ng		93
35) Caprolactam	8.45	113	7073	2.130	ng	#	43
54) 2,4-Dinitrophenol	9.77	184	1155	7.006	ng	#	66
65) 4,6-Dinitro-2-methylphenol	10.44	198	771	4.923	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	23012	3.992	ng	#	1
71) Phenanthrene	11.26	178	73542	2.701	ng		96
72) Anthracene	11.26	178	73542	2.580	ng		97
75) Fluoranthene	12.45	202	62180	2.131	ng		96
77) Benzidine	12.44	184	802027	30.602	ng	#	87
84) Bis(2-ethylhexyl)phthalate	13.86	149	131124	5.947	ng	#	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113091.D
Acq On : 18 Mar 2019 15:38
Operator : JU/SJ
Sample : K1940-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWS

Quant Time: Mar 19 04:49:48 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
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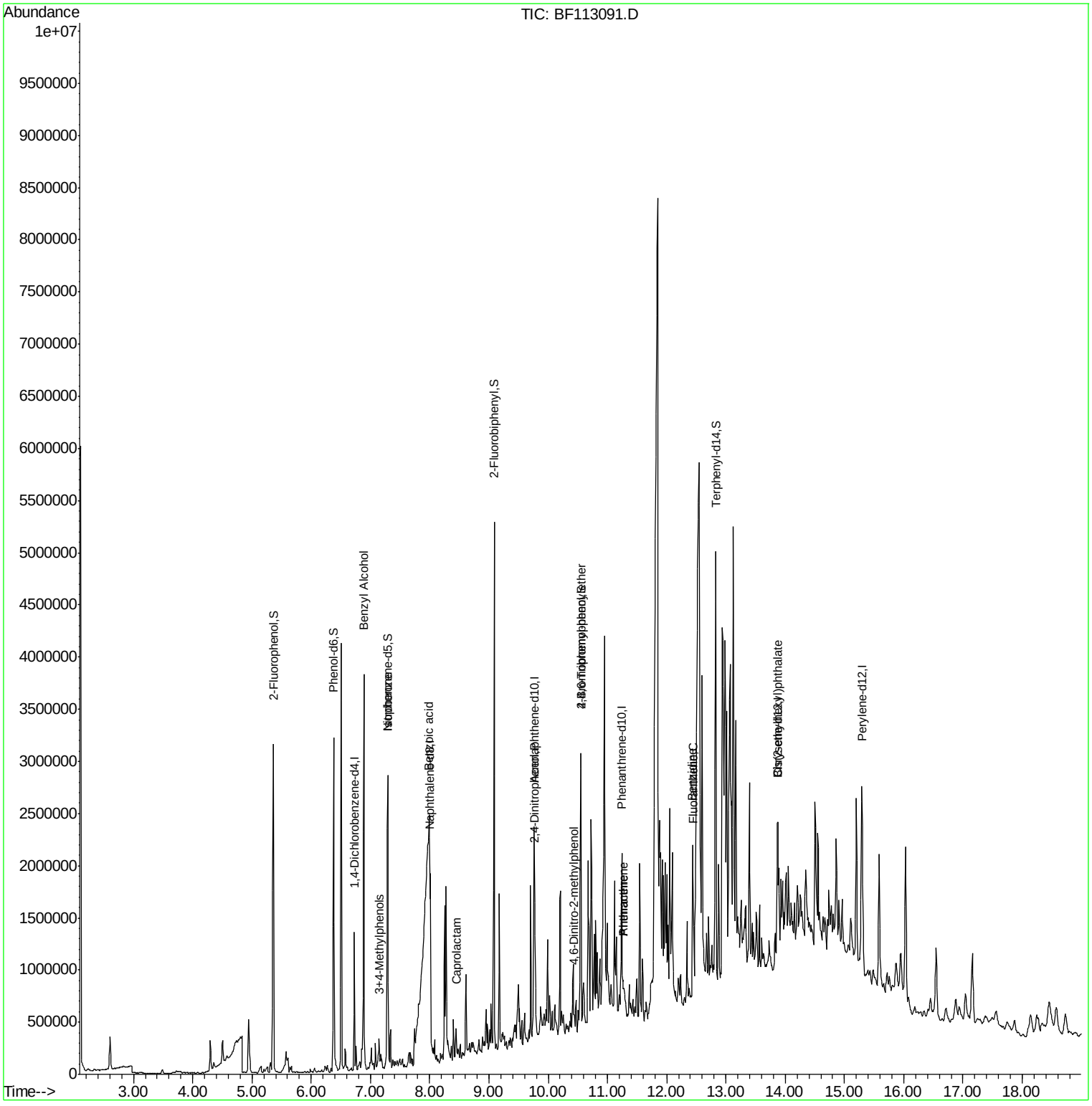
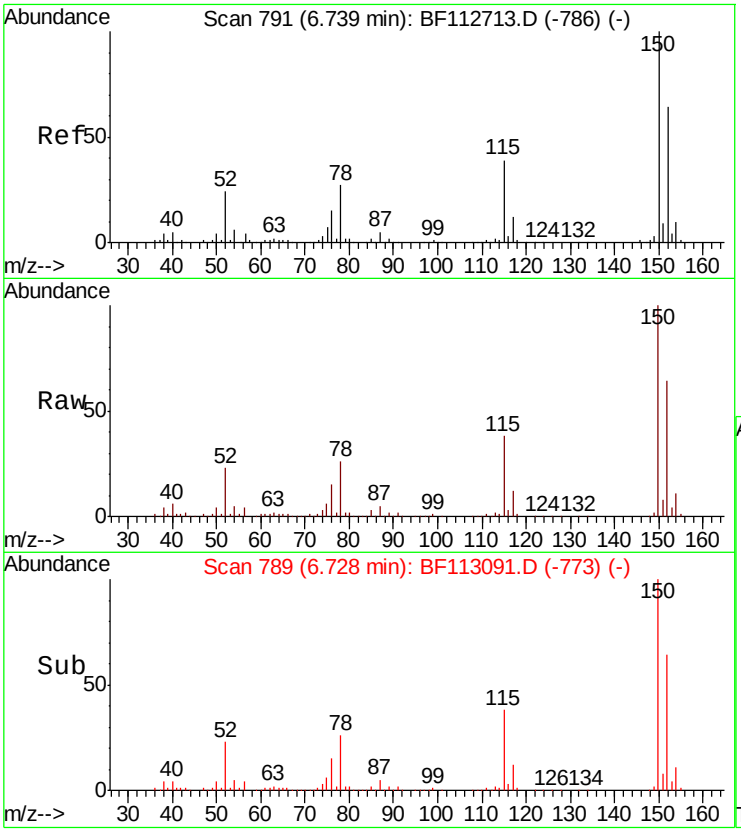


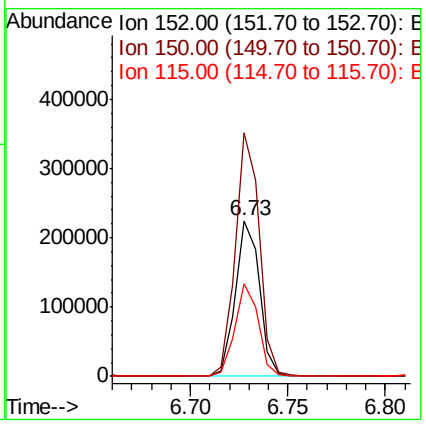


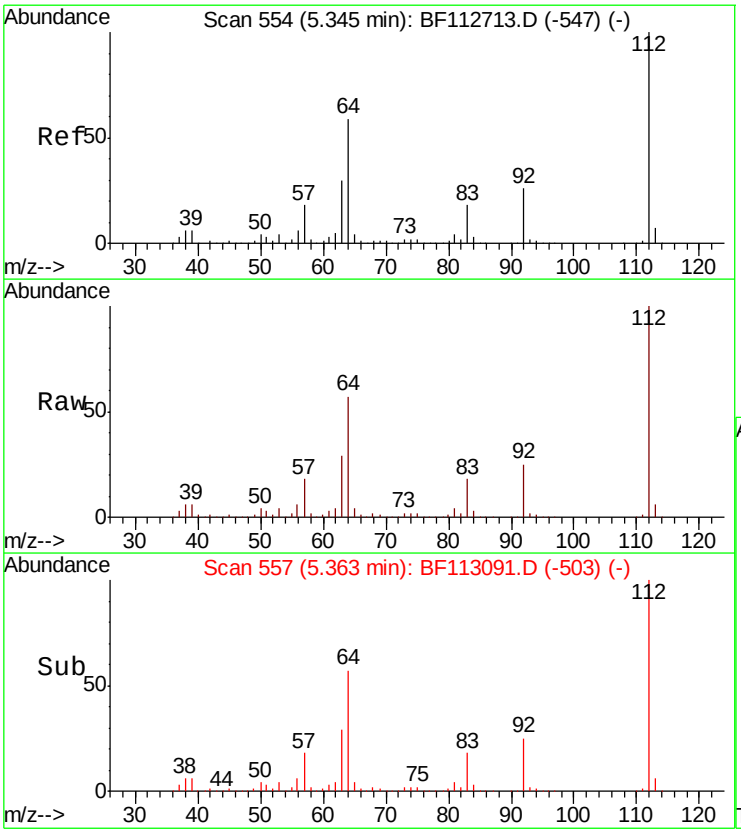
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:152 Resp: 191659

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	59.8	48.2	72.4

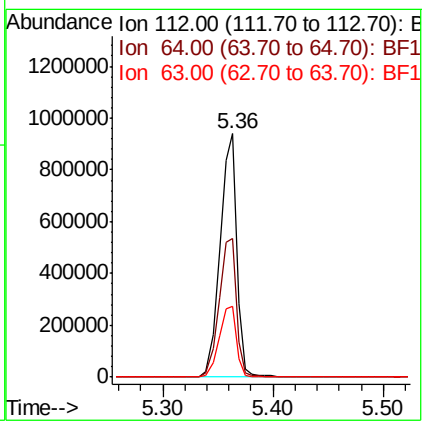


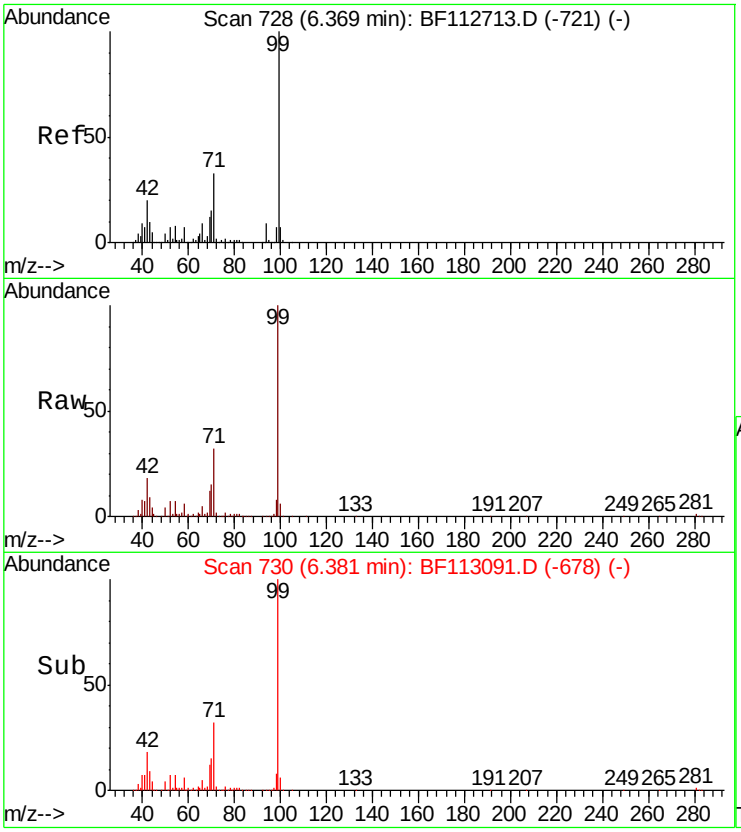


#5
2-Fluorophenol
Concen: 80.629 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:112 Resp: 993432

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.6	71.4
63	29.1	24.4	36.6



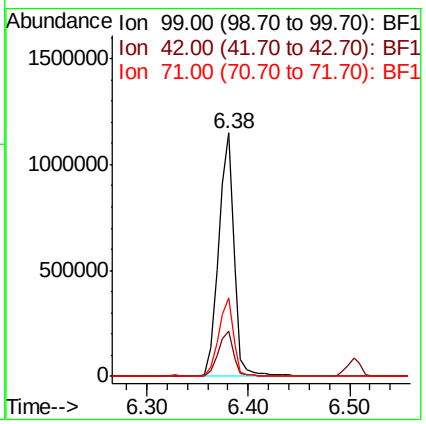


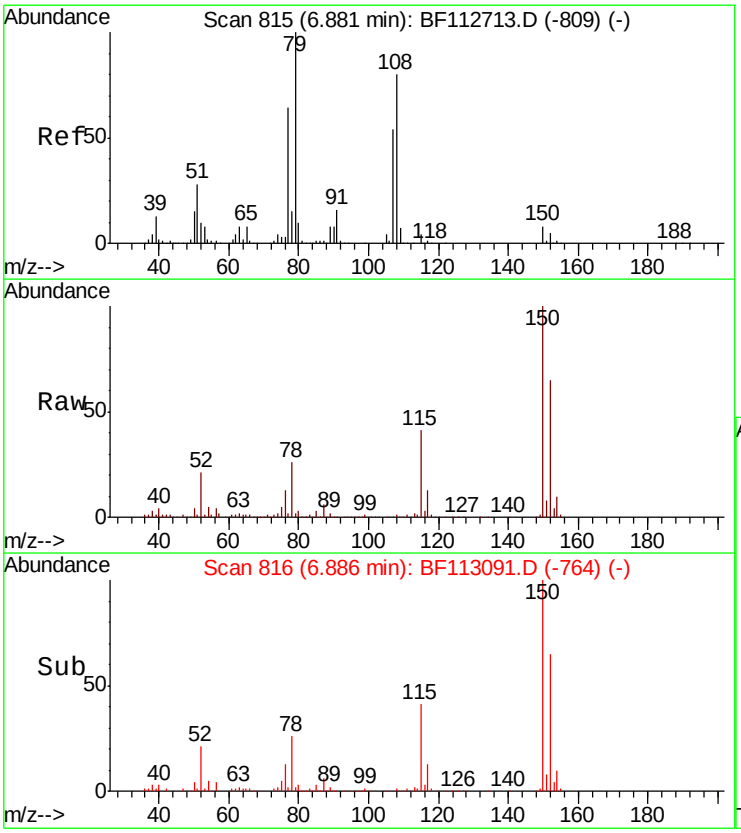
#7
Phenol-d6
Concen: 78.265 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion: 99 Resp: 1211323

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.2	26.2	39.4

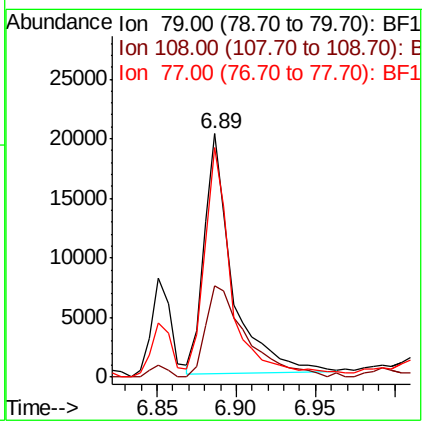


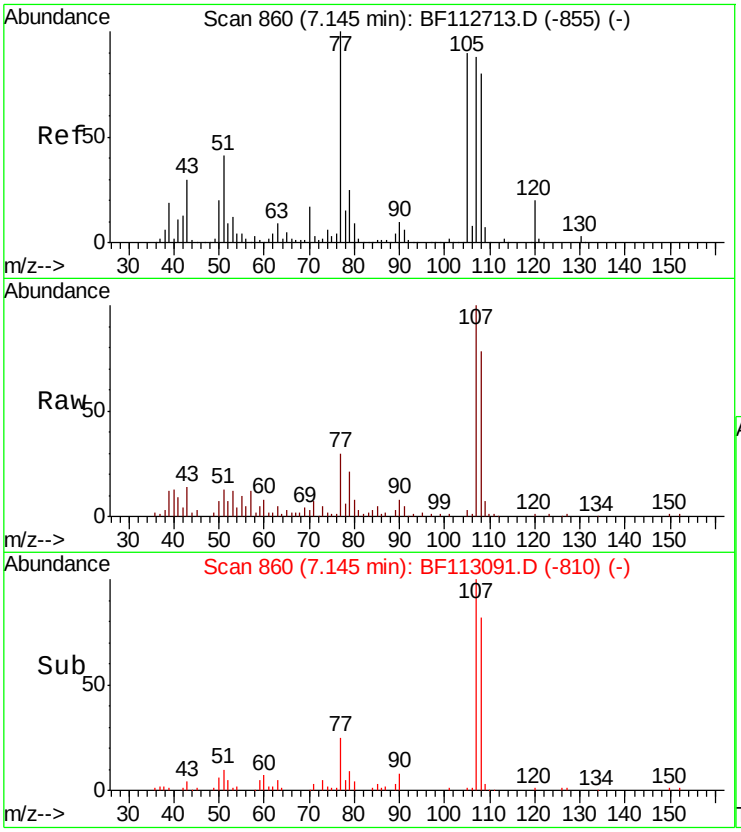


#15
Benzyl Alcohol
Concen: 2.140 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion: 79 Resp: 25252

Ion	Ratio	Lower	Upper
79	100		
108	37.7	64.2	96.4#
77	94.2	51.1	76.7#



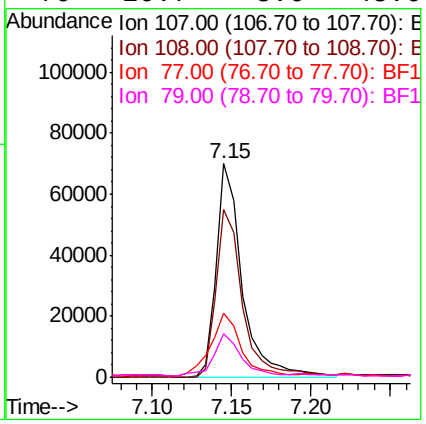


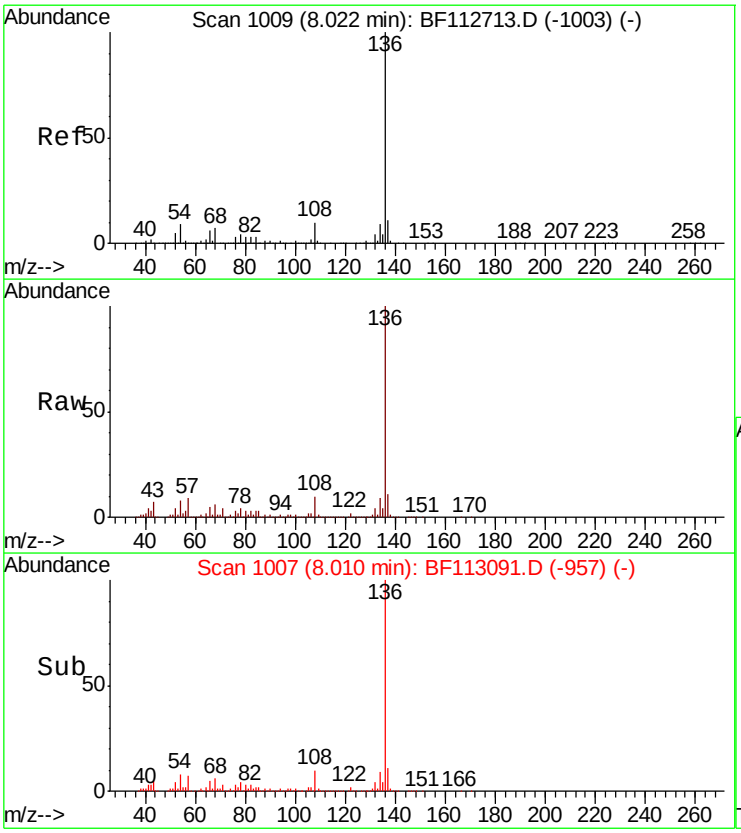
#20
3+4-Methylphenols
Concen: 6.365 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:107 Resp: 79953

Ion	Ratio	Lower	Upper
107	100		
108	78.4	71.4	111.4
77	30.2	94.1	134.1#
79	20.7	8.6	48.6

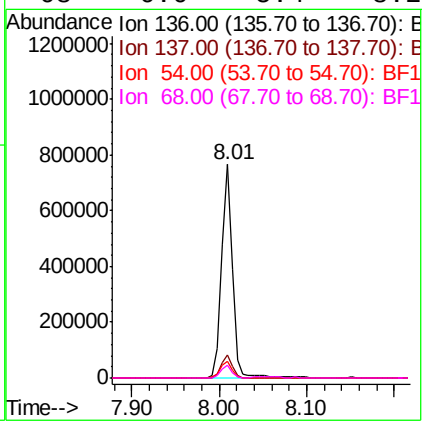


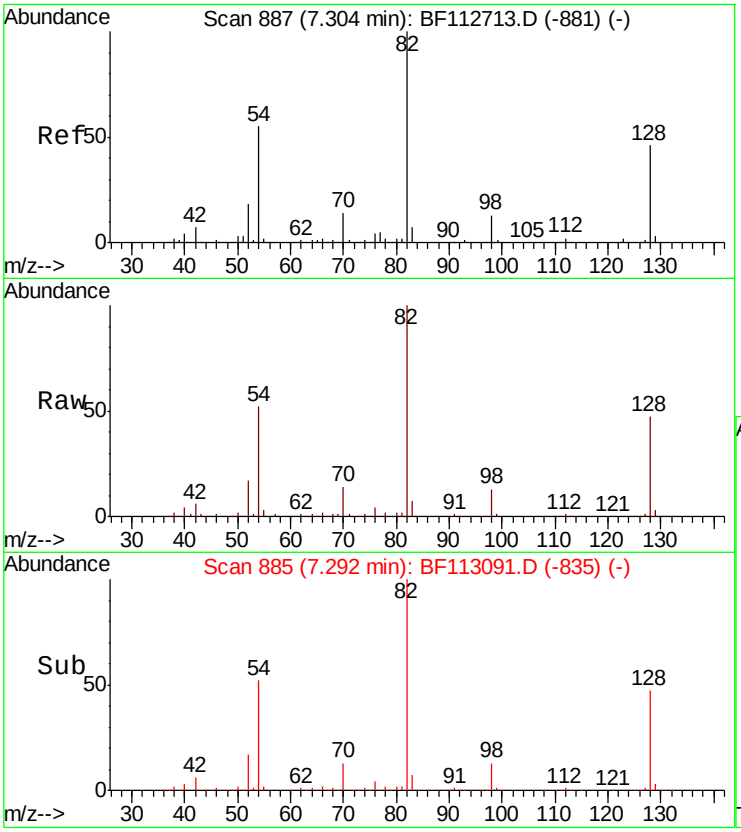


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:136 Resp: 674989

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	7.3	10.9
68	6.0	5.4	8.2



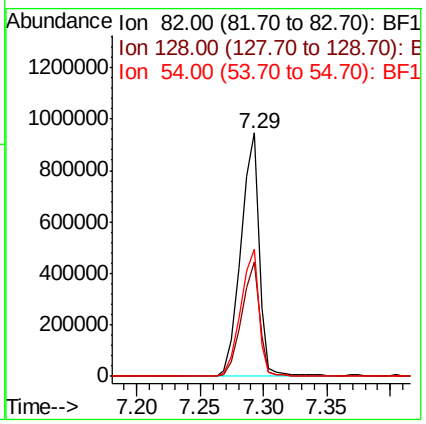


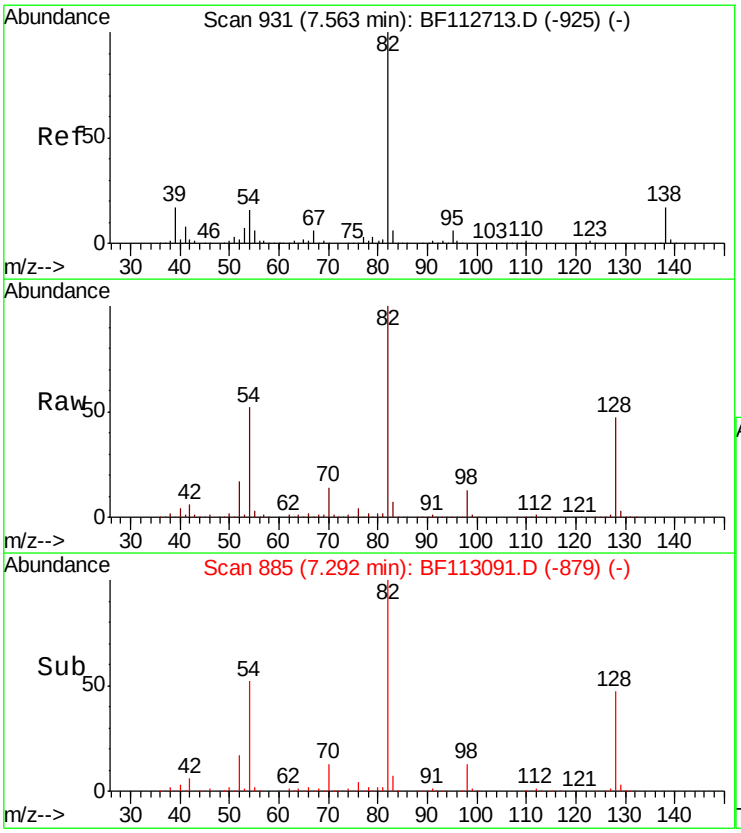
#23
Nitrobenzene-d5
Concen: 83.382 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion: 82 Resp: 940578

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	52.5	43.7	65.5

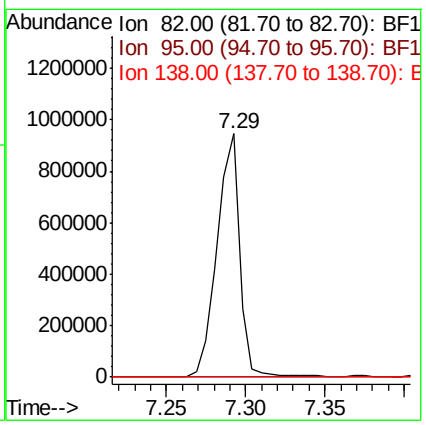


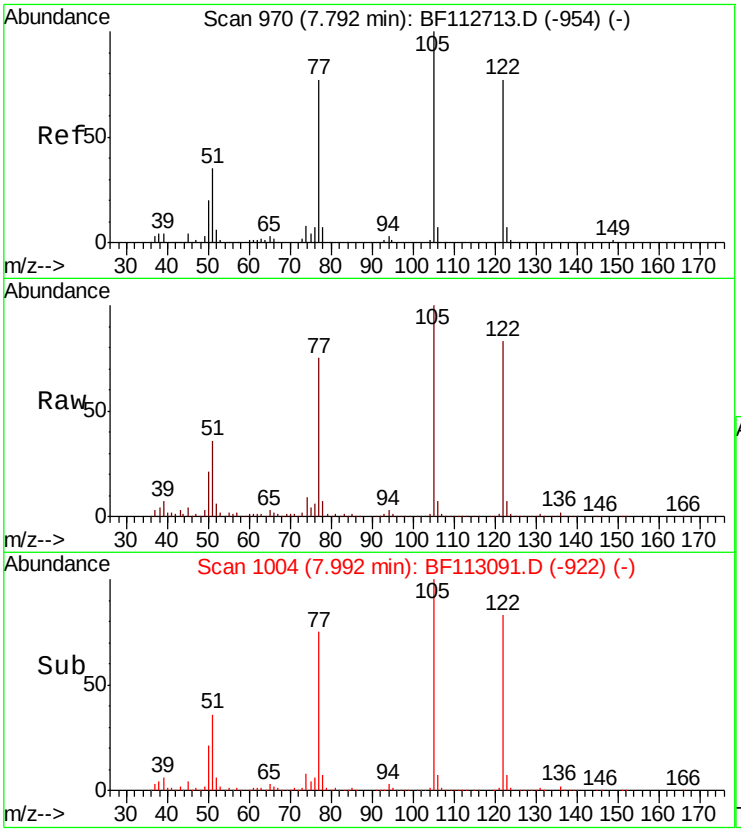


#25
Isophorone
Concen: 38.239 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion: 82 Resp: 929278

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



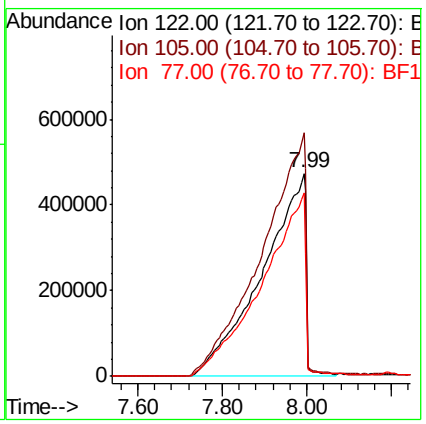


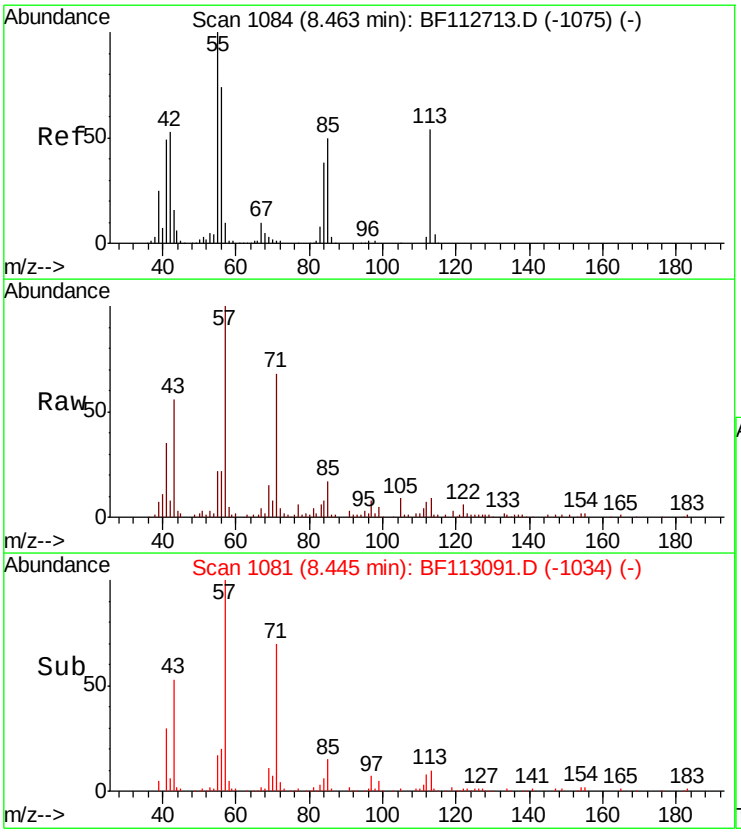
#32
Benzoic acid
Concen: 499.764 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.18 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:122 Resp: 3405788

Ion	Ratio	Lower	Upper
122	100		
105	119.9	106.8	146.8
77	90.3	79.4	119.4

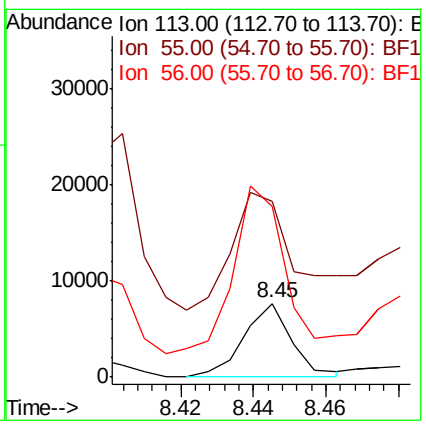


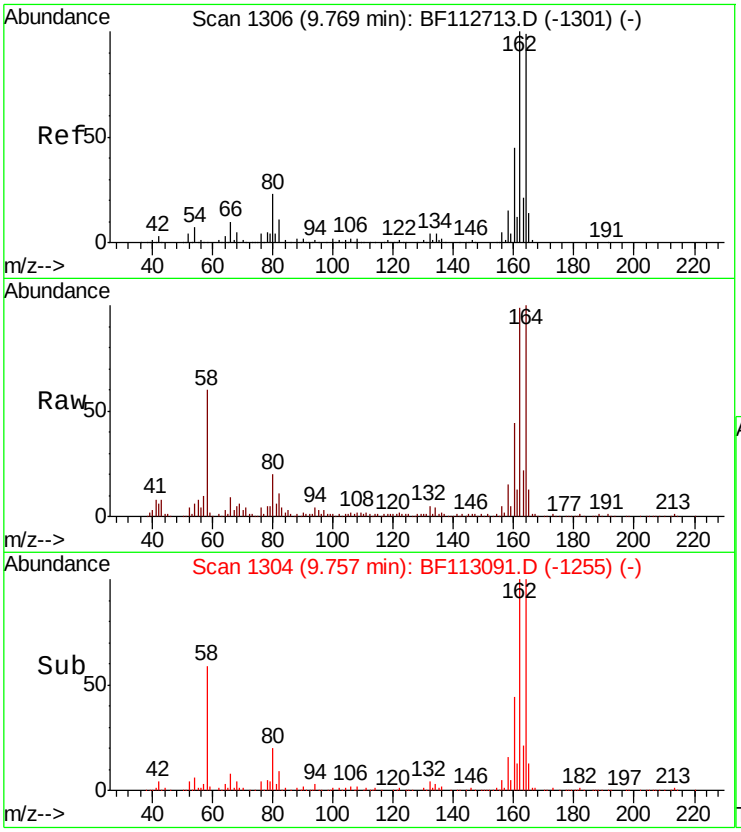


#35
Caprolactam
Concen: 2.130 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:113 Resp: 7073

Ion	Ratio	Lower	Upper
113	100		
55	239.8	163.5	203.5#
56	232.7	115.3	155.3#



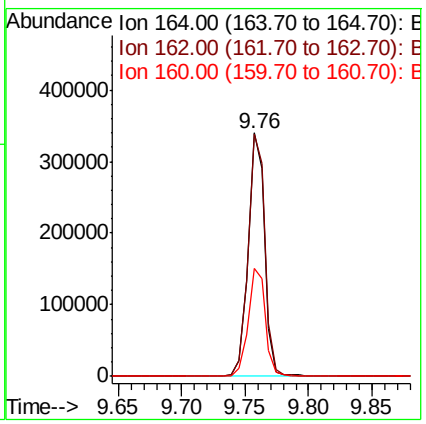


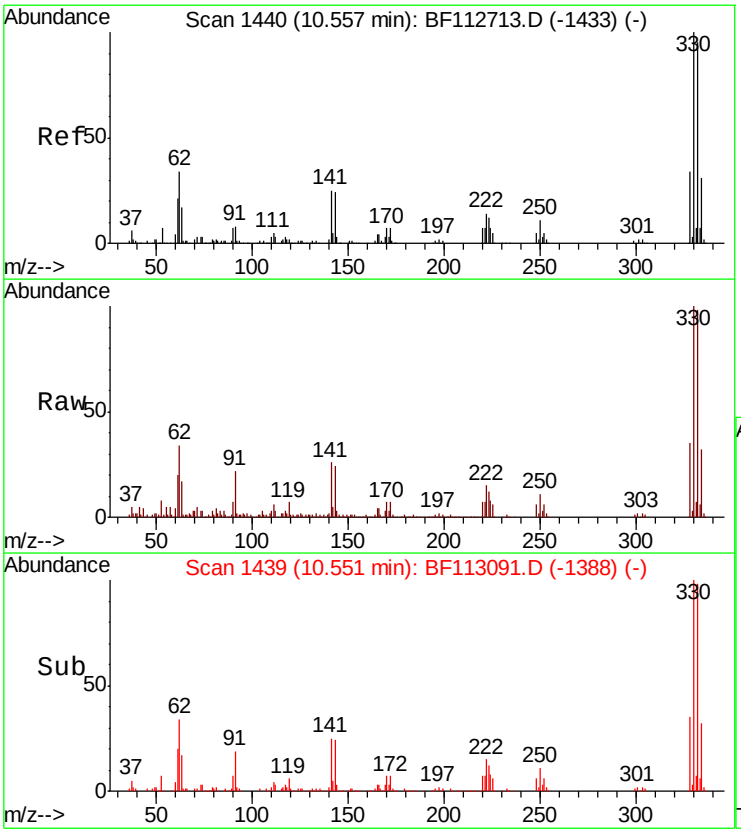
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:164 Resp: 305923

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.1	36.0	54.0

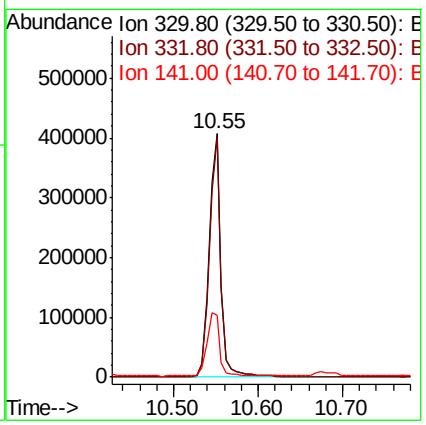


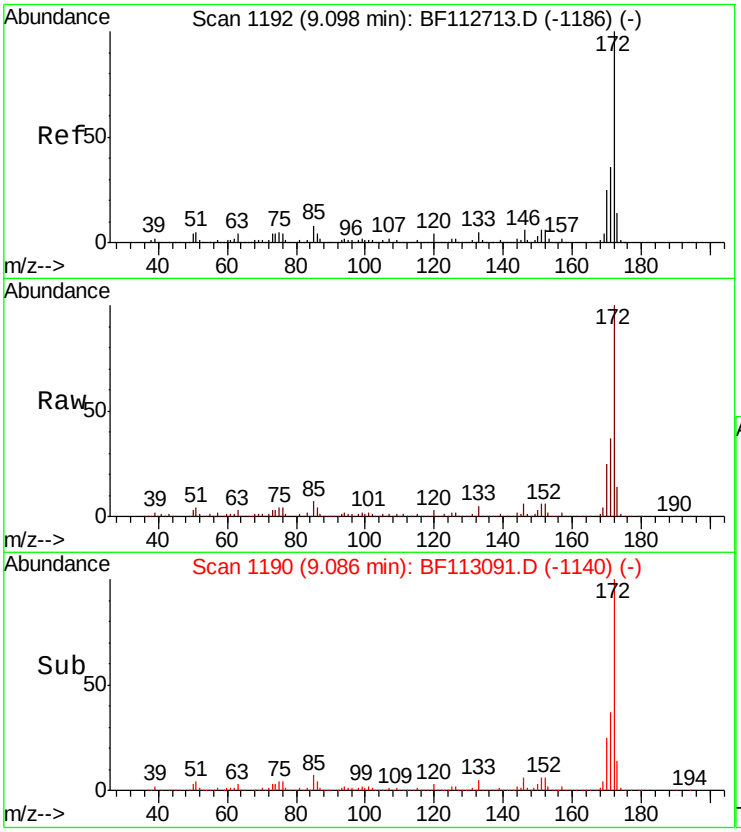


#42
2,4,6-Tribromophenol
Concen: 122.651 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:330 Resp: 398339

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	27.9	27.0	40.6



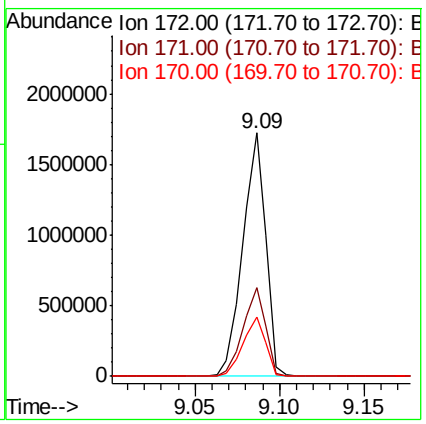


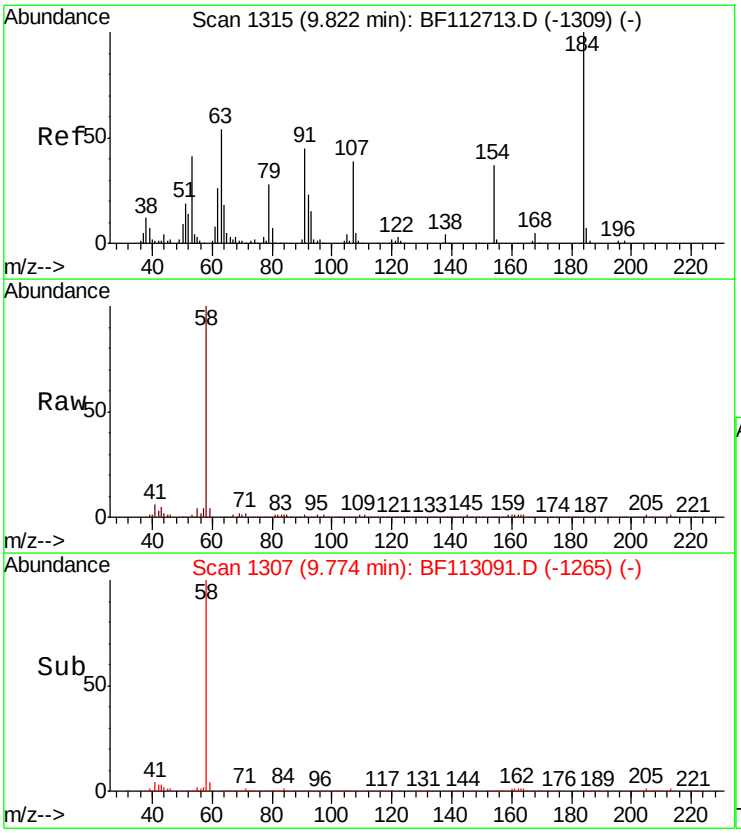
#45
2-Fluorobiphenyl
Concen: 90.766 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:172 Resp: 1645923

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.6	20.0	30.0

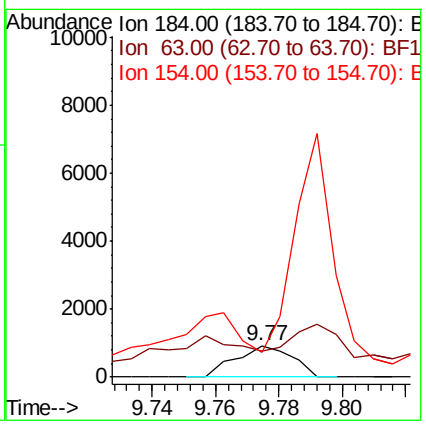


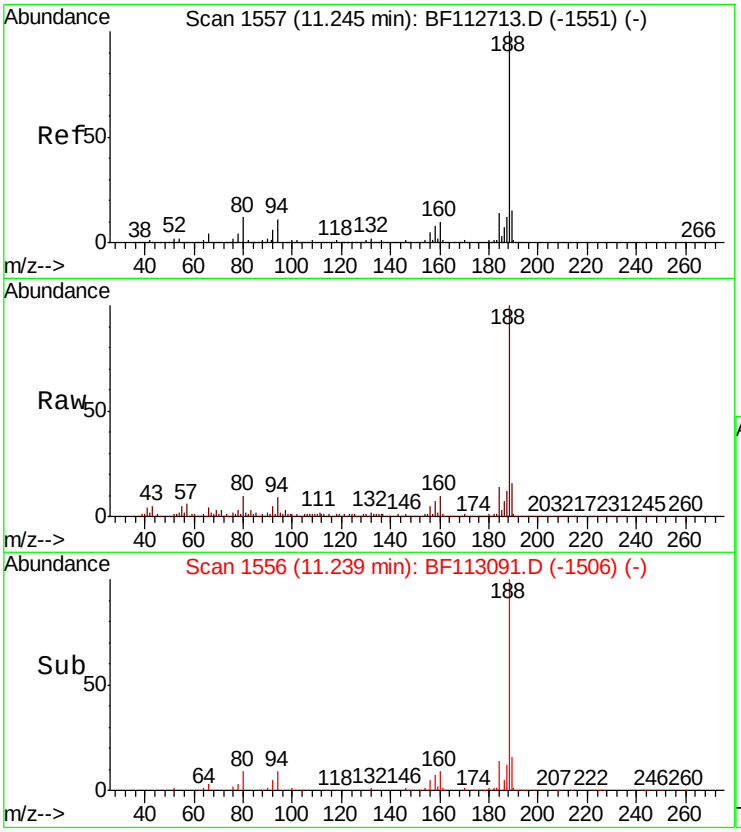


#54
2,4-Dinitrophenol
Concen: 7.006 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:184 Resp: 1155

Ion	Ratio	Lower	Upper
184	100		
63	85.2	45.3	67.9#
154	78.7	46.0	69.0#



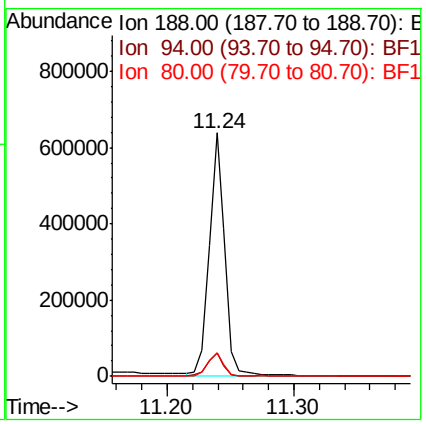


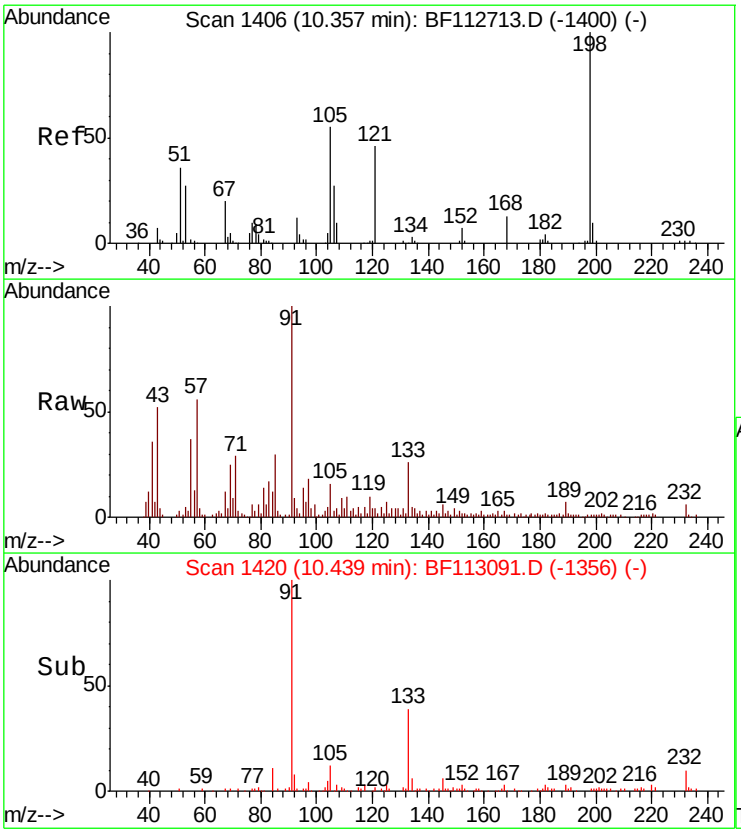
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:188 Resp: 547300

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.6	9.2	13.8

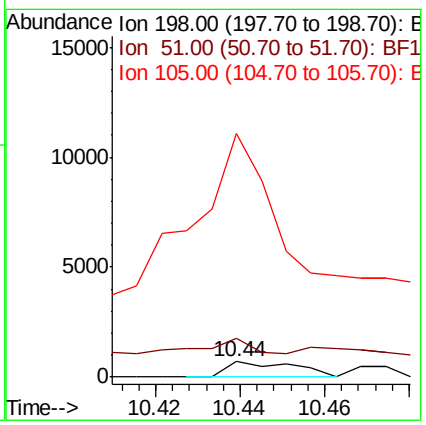


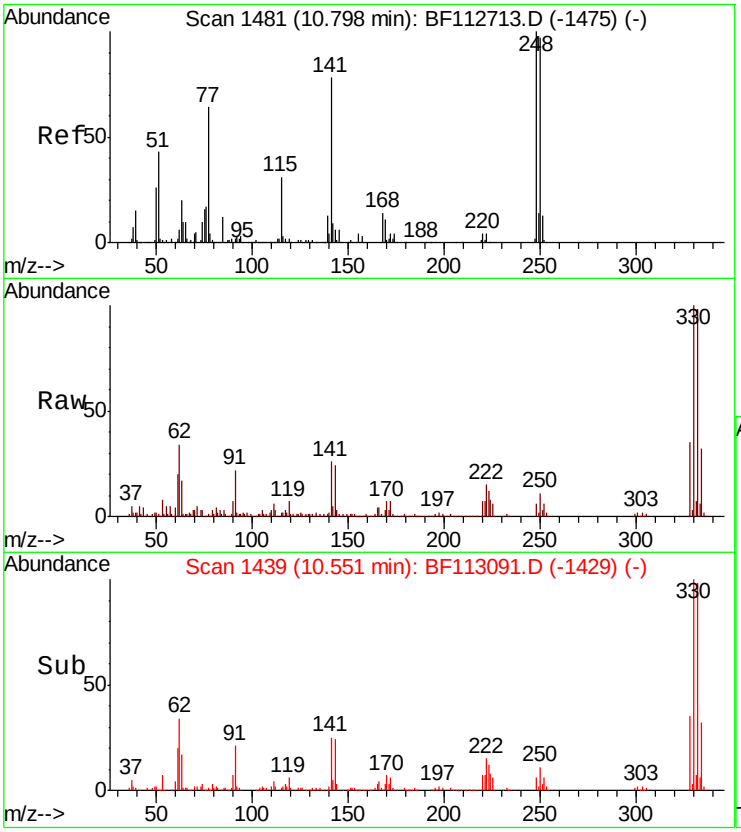


#65
4,6-Dinitro-2-methylphenol
Concen: 4.923 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.08 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:198 Resp: 771

Ion	Ratio	Lower	Upper
198	100		
51	250.5	43.8	83.8#
105	1589.4	36.5	76.5#



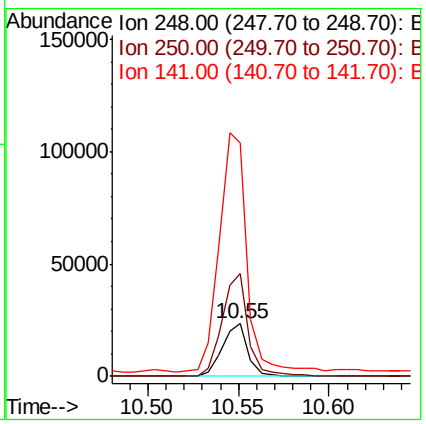


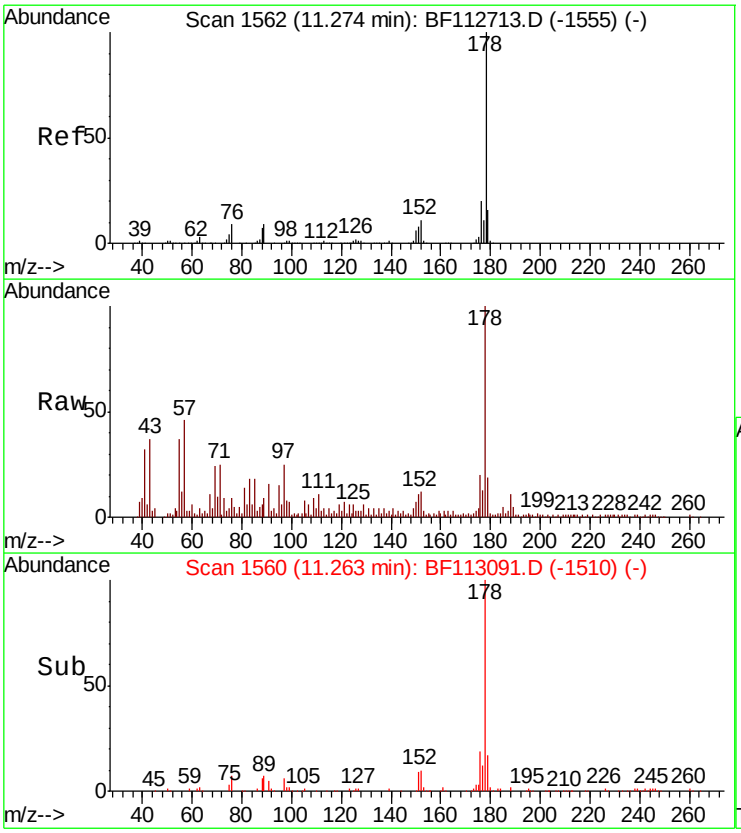
#67
4-Bromophenyl-phenylether
Concen: 3.992 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:248 Resp: 23012

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.5	116.3#
141	446.4	62.4	93.6#

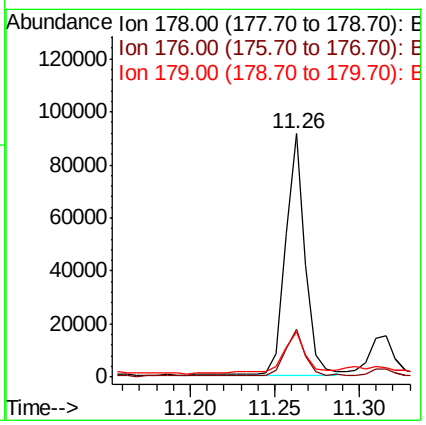


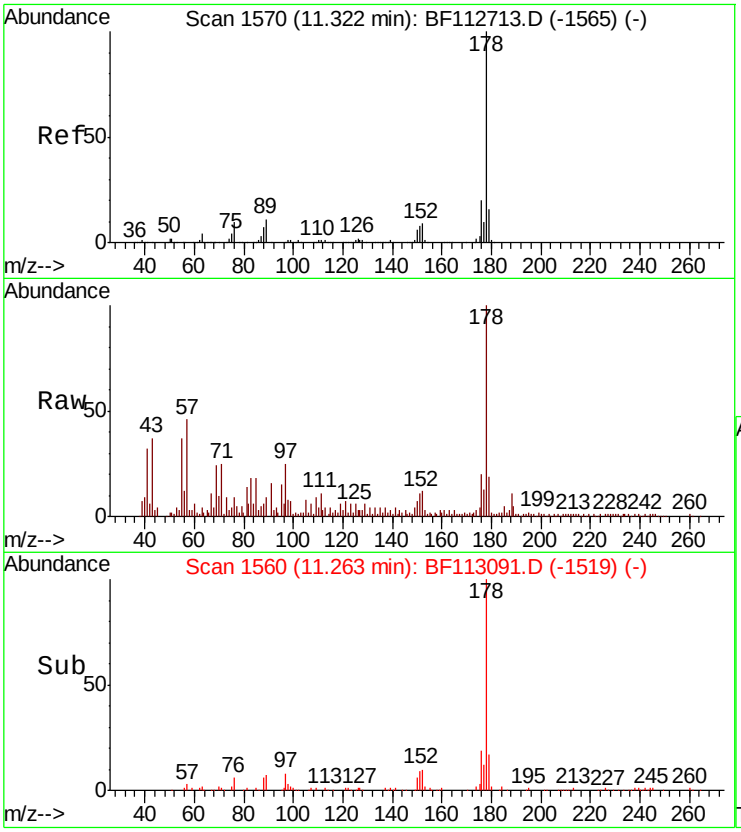


#71
Phenanthrene
Concen: 2.701 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:178 Resp: 73542

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	18.8	12.7	19.1



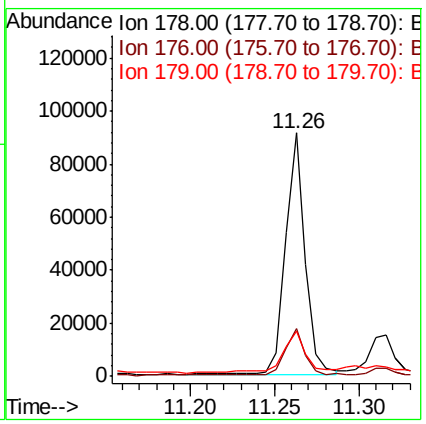


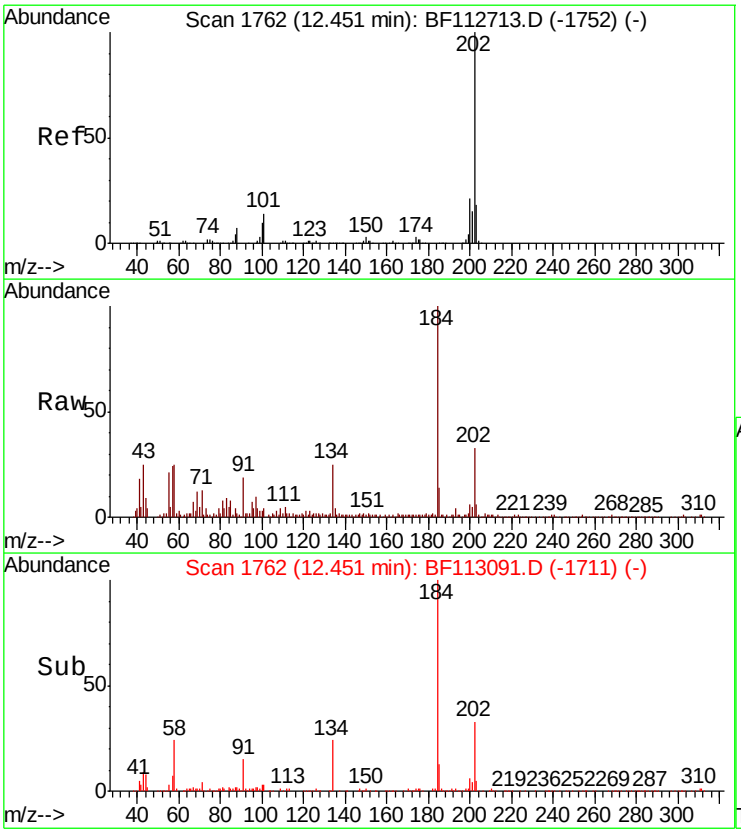
#72
Anthracene
Concen: 2.580 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:178 Resp: 73542

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	18.8	13.0	19.6

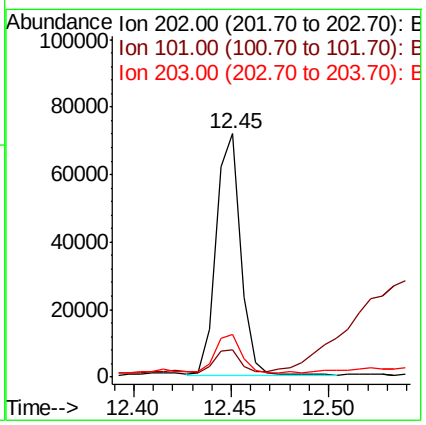


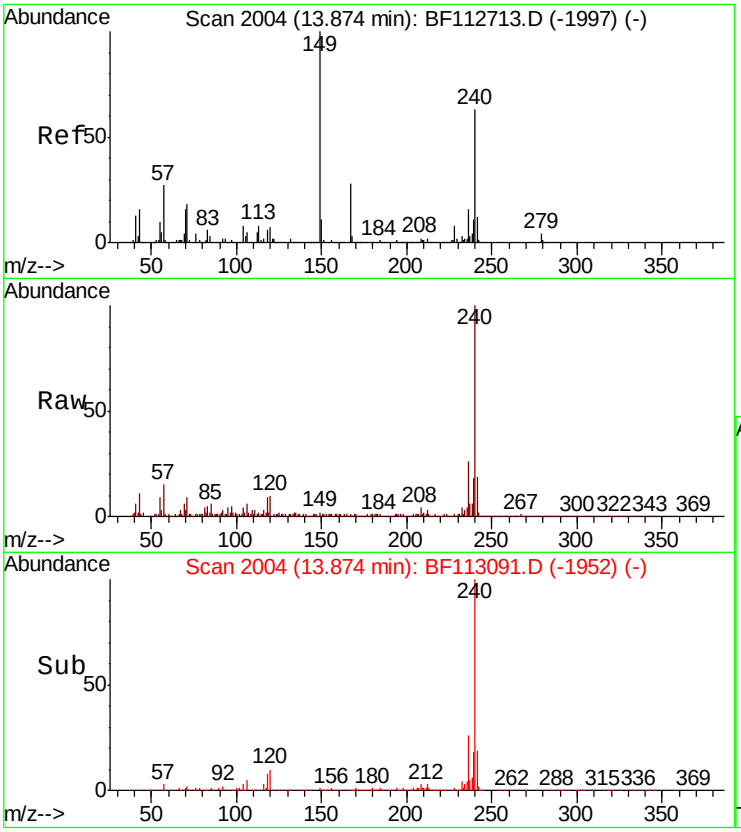


#75
Fluoranthene
Concen: 2.131 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:202 Resp: 62180

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.7	0.0	38.4



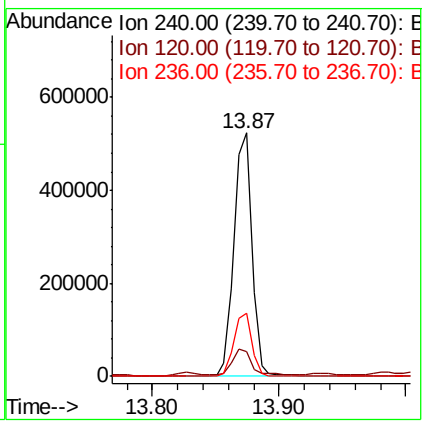


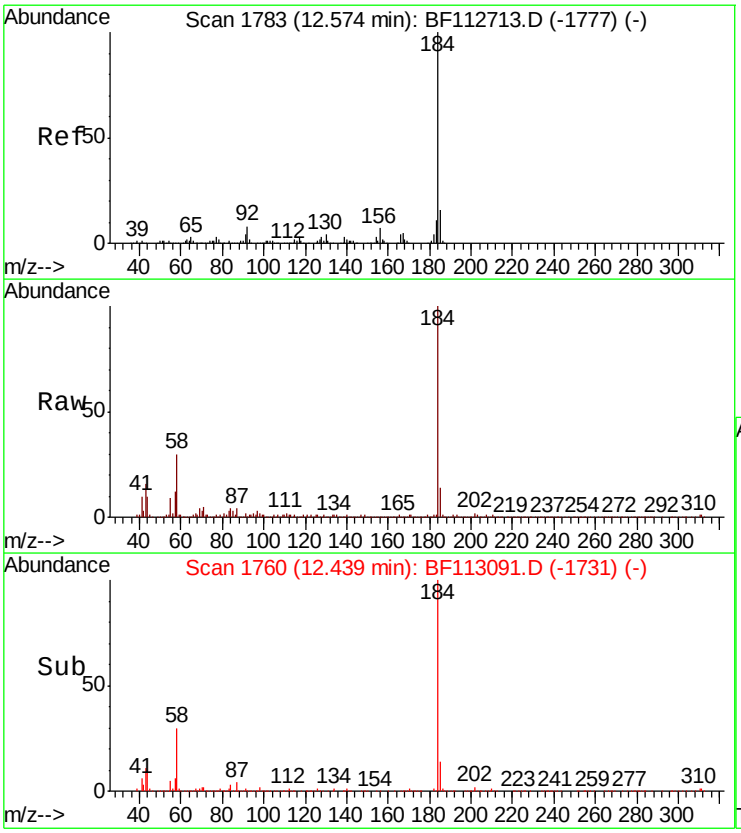
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:240 Resp: 505162

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.1	20.7	31.1

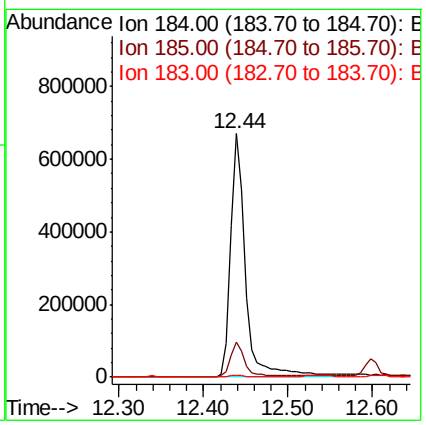


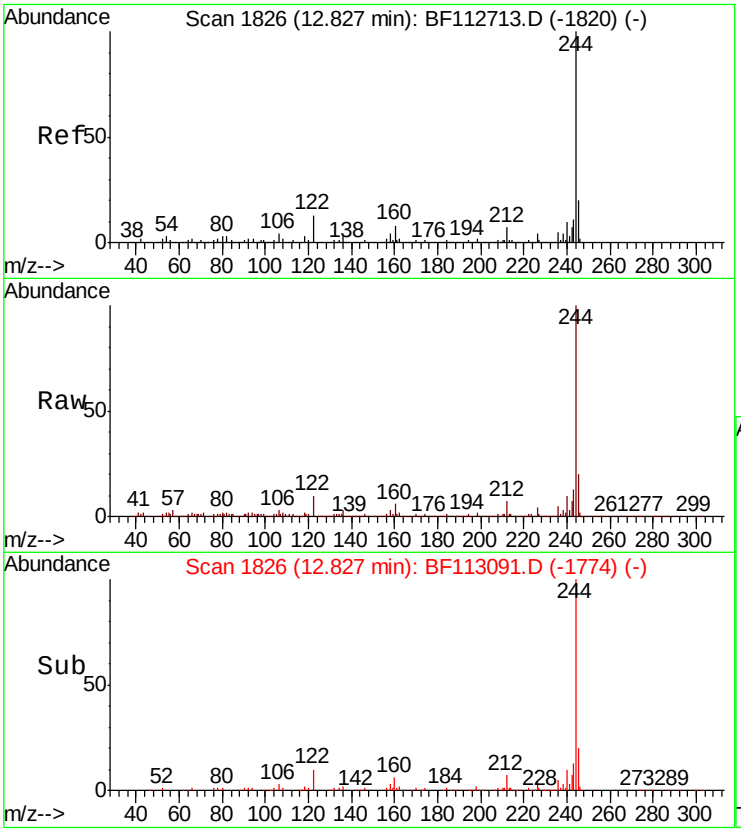


#77
Benzidine
Concen: 30.602 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.13 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:184 Resp: 802027

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	0.8	8.6	12.8#



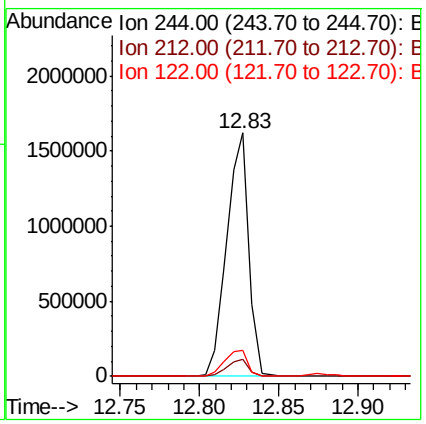


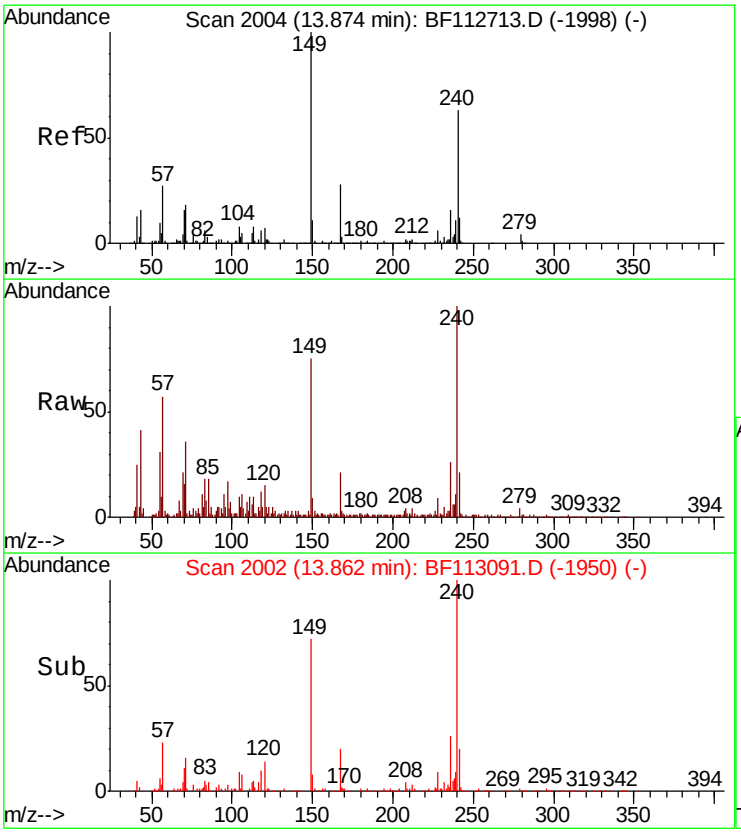
#79
Terphenyl-d14
Concen: 59.745 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:244 Resp: 1556913

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	10.5	15.7#

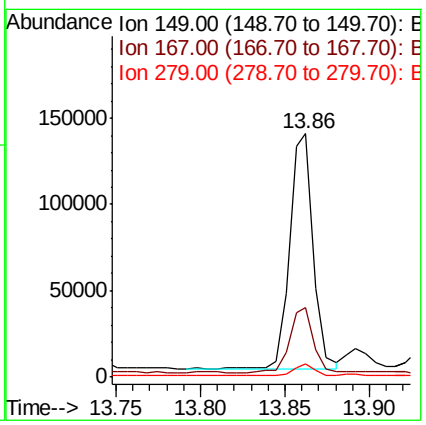


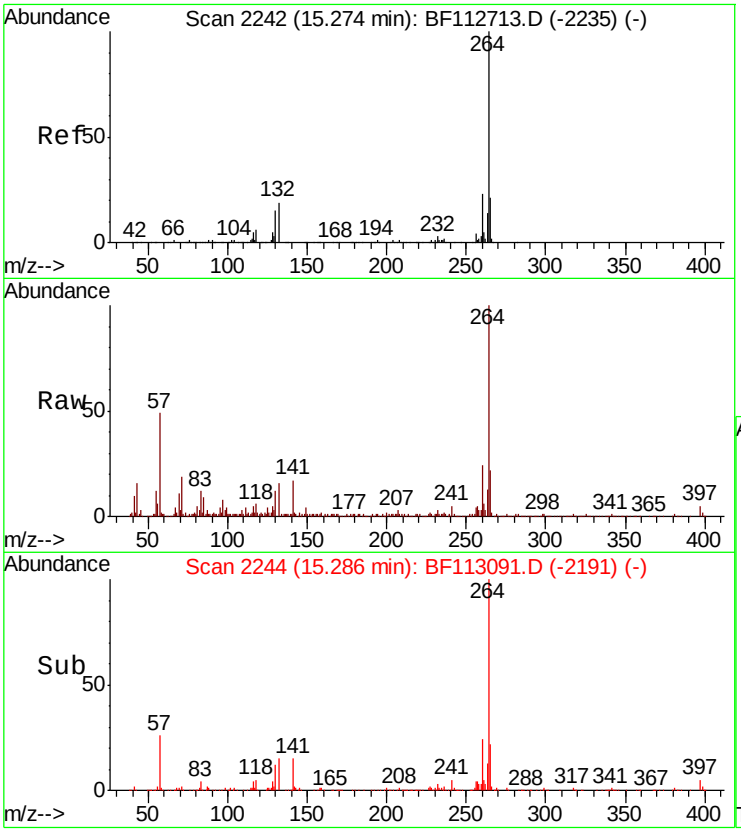


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.947 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:149 Resp: 131124

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.5	3.3	4.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:264 Resp: 504368

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8