Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084531.D
Acq On : 17 Jan 2016 12:58
Operator : SJ/UM
Sample : H1134-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-10RE

Quant Time: Jan 18 01:22:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	553347	20.00	ng	0.16
21) Naphthalene-d8	8.29	136	34512	20.00	ng	0.17
38) Acenaphthene-d10	10.05	164	58215	20.00	ng	0.18
63) Phenanthrene-d10	11.64	188	19625	20.00	ng	0.29
75) Chrysene-d12	14.35	240	3932	20.00	ng	0.35
86) Perylene-d12	15.83	264	1102	20.00	ng	0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	39491	1.15	ng	0.13
7) Phenol-d6	6.69	99	602846	14.03	ng	0.22
23) Nitrobenzene-d5	7.41	82	839875	1354.41	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	138610	235.84	ng	0.05
44) 2-Fluorobiphenyl	9.24	172	1006820	321.88	ng	0.05
78) Terphenyl-d14	13.25	244	2213	12.56	ng	0.31
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1196604	42.77	ng	# 1
15) Benzyl Alcohol	7.12	79	773250	21.39	ng	# 13
17) 2-Methylphenol	7.16	107	150336	4.62	ng	# 1
18) Hexachloroethane	7.55	117	514469	32.04	ng	# 1
19) n-Nitroso-di-n-propylamine	7.48	70	2733090	93.97	ng	# 50
22) Acetophenone	7.55	105	2735618	3296.39	ng	# 65
24) Nitrobenzene	7.55	77	629136	1000.31	ng	# 47
25) Isophorone	7.77	82	2314977	1951.96	ng	# 1
26) 2-Nitrophenol	7.86	139	224134	783.02	ng	# 1
27) 2,4-Dimethylphenol	7.97	122	51149	88.28	ng	# 59
28) bis(2-Chloroethoxy)methane	8.10	93	244299	337.24	ng	# 1
29) 2,4-Dichlorophenol	8.10	162	877590	1818.35	ng	# 41
30) 1,2,4-Trichlorobenzene	8.33	180	46932	94.19	ng	# 1
31) Naphthalene	8.38	128	471298	300.99	ng	# 1
32) Benzoic acid	8.05	122	64340	156.39	ng	# 1
33) 4-Chloroaniline	8.37	127	141857	197.62	ng	# 1
35) Caprolactam	8.80	113	343450	2110.94	ng	# 1
36) 4-Chloro-3-methylphenol	8.89	107	194191	359.21	ng	# 1
37) 2-Methylnaphthalene	8.99	142	2055681	1828.88	ng	# 60
42) 2,4,6-Trichlorophenol	9.33	196	23083	18.44	ng	# 1
43) 2,4,5-Trichlorophenol	9.33	196	23083	19.23	ng	# 1
45) 1,1'-Biphenyl	9.33	154	656366	141.86	ng	95
46) 2-Chloronaphthalene	9.50	162	55719	15.33	ng	# 1
47) 2-Nitroaniline	9.57	65	145556	121.35	ng	# 52
48) Acenaphthylene	9.92	152	262634	48.92	ng	# 1
49) Dimethylphthalate	9.76	163	111610	26.82	ng	# 30
50) 2,6-Dinitrotoluene	9.92	165	353041	386.77	ng	# 77
51) Acenaphthene	10.13	154	301036	83.58	ng	# 15
52) 3-Nitroaniline	10.04	138	41090	36.33	ng	# 26
53) 2,4-Dinitrophenol	10.21	184	66360	166.63	ng	# 1
55) 4-Nitrophenol	10.25	139	144942	176.54	ng	# 1
56) 2,4-Dinitrotoluene	10.26	165	120214	104.06	ng	# 65
57) Fluorene	10.62	166	96431	25.71	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.36	232	11081	10.81	ng	# 29

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084531.D
Acq On : 17 Jan 2016 12:58
Operator : SJ/UM
Sample : H1134-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-10RE

Quant Time: Jan 18 01:22:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	10.46	149	55267	13.47	ng	#	25
60) 4-Chlorophenyl-phenylether	10.60	204	3081	Below Cal		#	1
61) 4-Nitroaniline	10.68	138	58436	57.96	ng	#	46
62) Azobenzene	10.91	77	209415	46.53	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.75	198	59622	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.83	169	431573	687.81	ng	#	51
66) 4-Bromophenyl-phenylether	11.14	248	11849	56.10	ng	#	1
68) Atrazine	11.28	200	120909	588.83	ng		81
69) Pentachlorophenol	11.43	266	4142	33.60	ng	#	1
70) Phenanthrene	11.63	178	180727	176.05	ng	#	1
71) Anthracene	11.75	178	197817	196.58	ng	#	1
72) Carbazole	11.92	167	61392	62.40	ng	#	1
73) Di-n-butylphthalate	12.21	149	26631	21.59	ng	#	10
74) Fluoranthene	12.81	202	377049	351.60	ng		86
76) Benzidine	12.99	184	4118	29.21	ng	#	1
77) Pyrene	13.06	202	123465	400.14	ng	#	27
79) Butylbenzylphthalate	13.80	149	4788	35.86	ng	#	10
80) Benzo(a)anthracene	14.33	228	3842	16.64	ng	#	1
81) 3,3'-Dichlorobenzidine	14.32	252	694	8.61	ng	#	3
82) Chrysene	14.33	228	3842	17.32	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.27	149	5527	32.76	ng	#	27
84) Di-n-octyl phthalate	14.99	149	1668	5.86	ng	#	83
85) Indeno(1,2,3-cd)pyrene	17.22	276	569	3.24	ng	#	52
87) Benzo(b)fluoranthene	15.40	252	6298	87.37	ng	#	3
88) Benzo(k)fluoranthene	15.47	252	519	8.80	ng	#	1
89) Benzo(a)pyrene	15.72	252	2035	33.28	ng	#	1
90) Dibenzo(a,h)anthracene	17.17	278	1389	26.40	ng	#	11

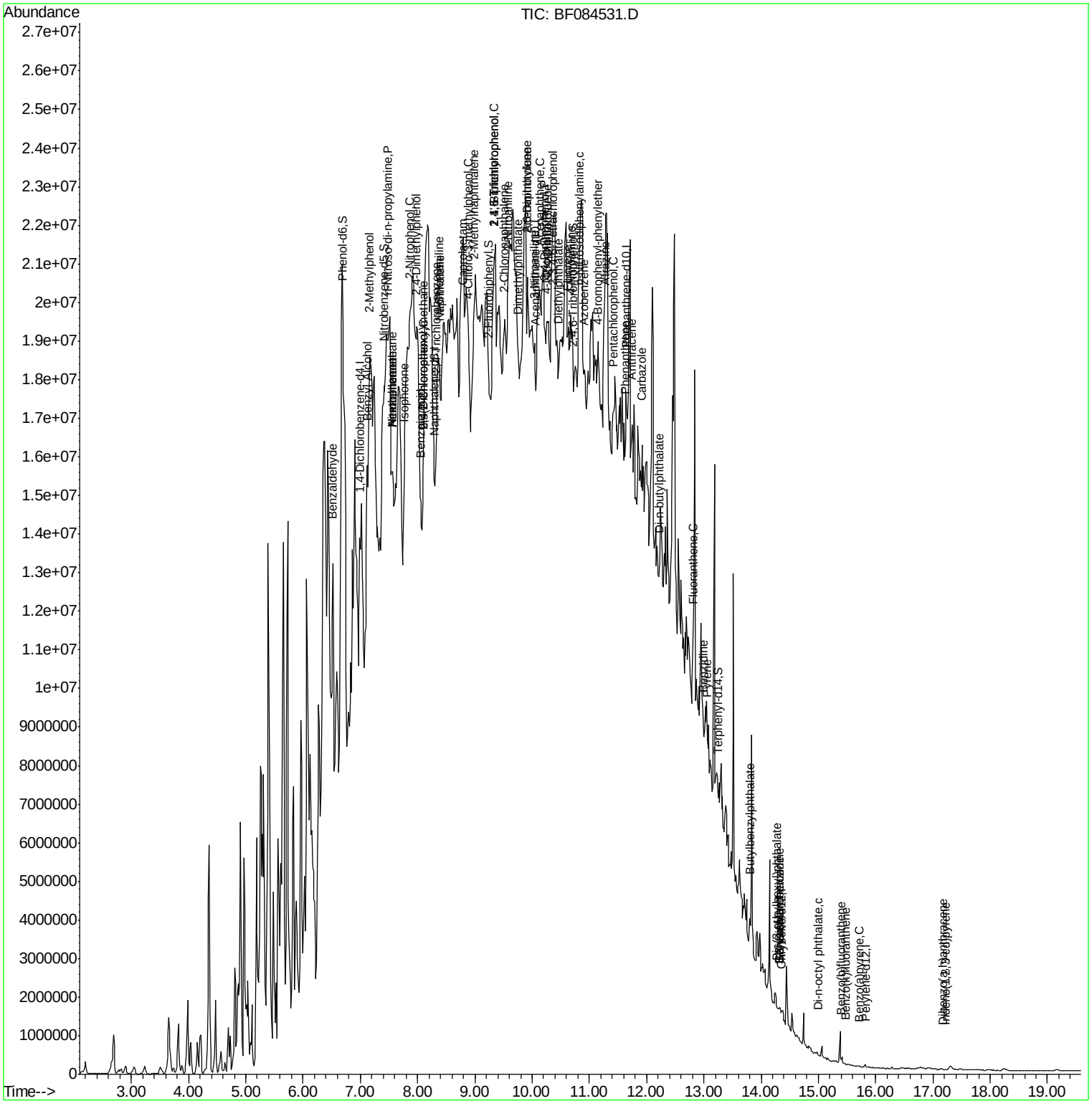
(#) = qualifier out of range (m) = manual integration (+) = signals summed

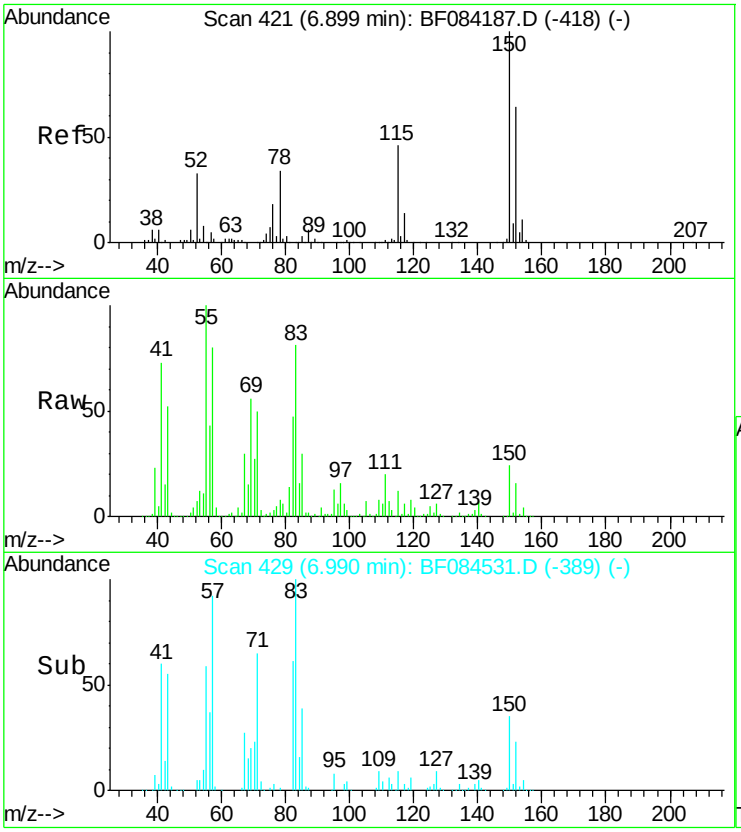
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084531.D
Acq On : 17 Jan 2016 12:58
Operator : SJ/UM
Sample : H1134-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-10RE

Quant Time: Jan 18 01:22:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



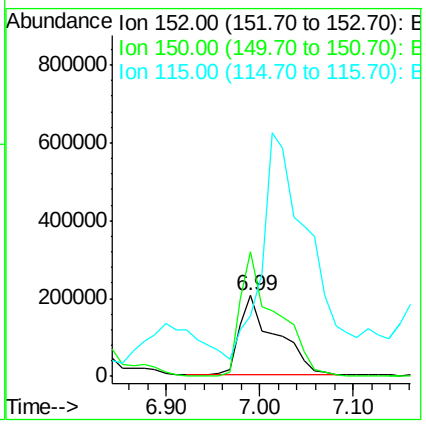


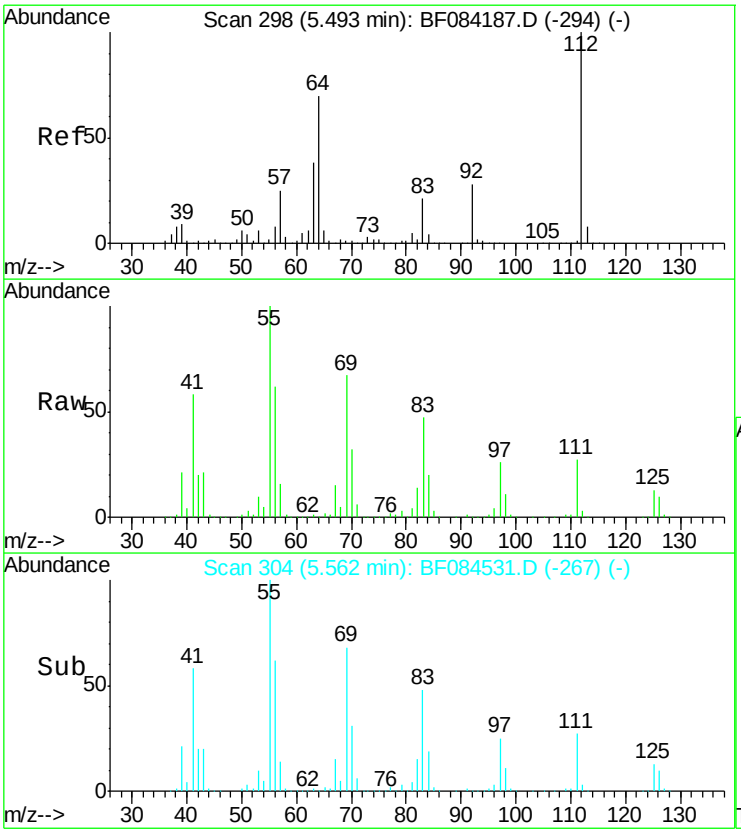
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.16 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:152 Resp: 553347

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.0	184.4
115	75.5	51.4	77.2

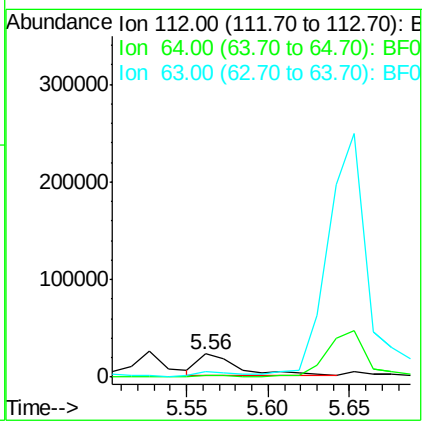


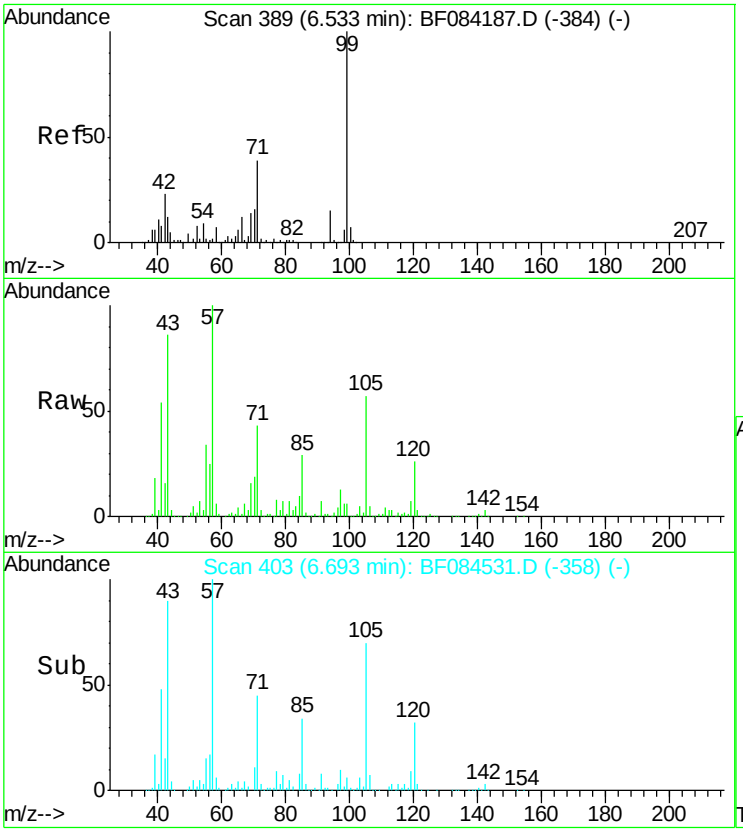


#5
2-Fluorophenol
Concen: 1.15 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.13 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:112 Resp: 39491

Ion	Ratio	Lower	Upper
112	100		
64	5.9	36.6	55.0#
63	23.7	19.4	29.0



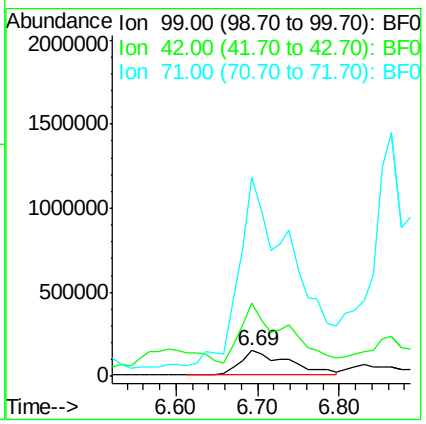


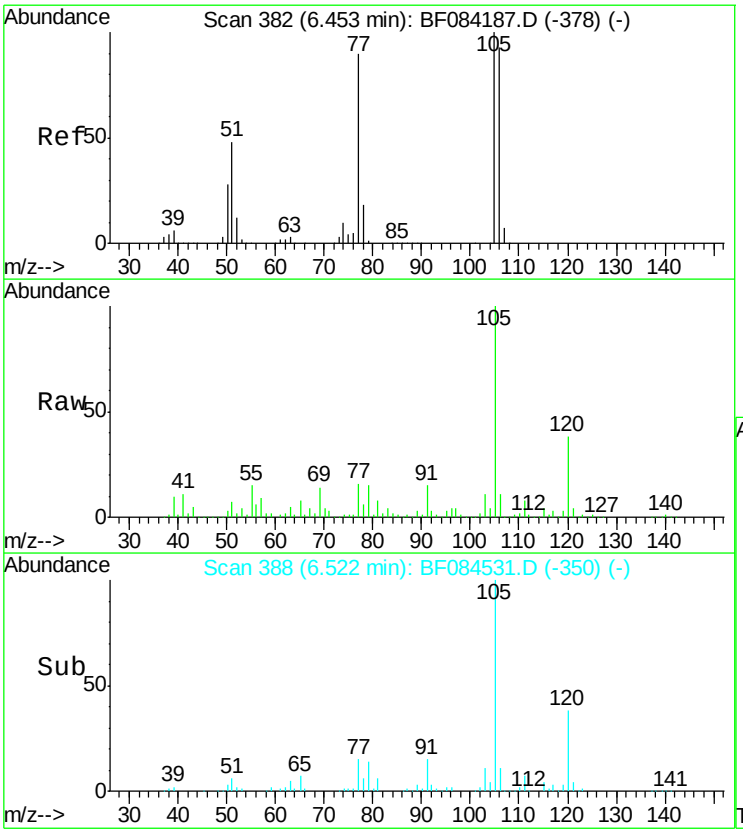
#7
Phenol-d6
Concen: 14.03 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.22 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion: 99 Resp: 602846

Ion	Ratio	Lower	Upper
99	100		
42	283.1	12.8	19.2#
71	772.6	30.9	46.3#

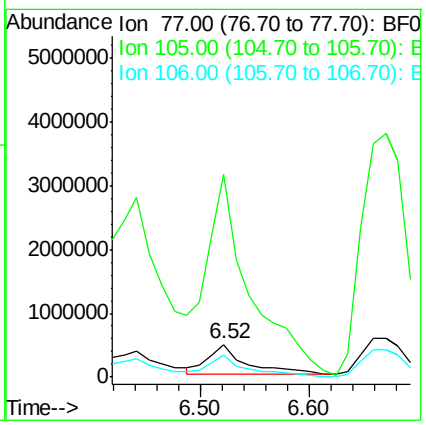


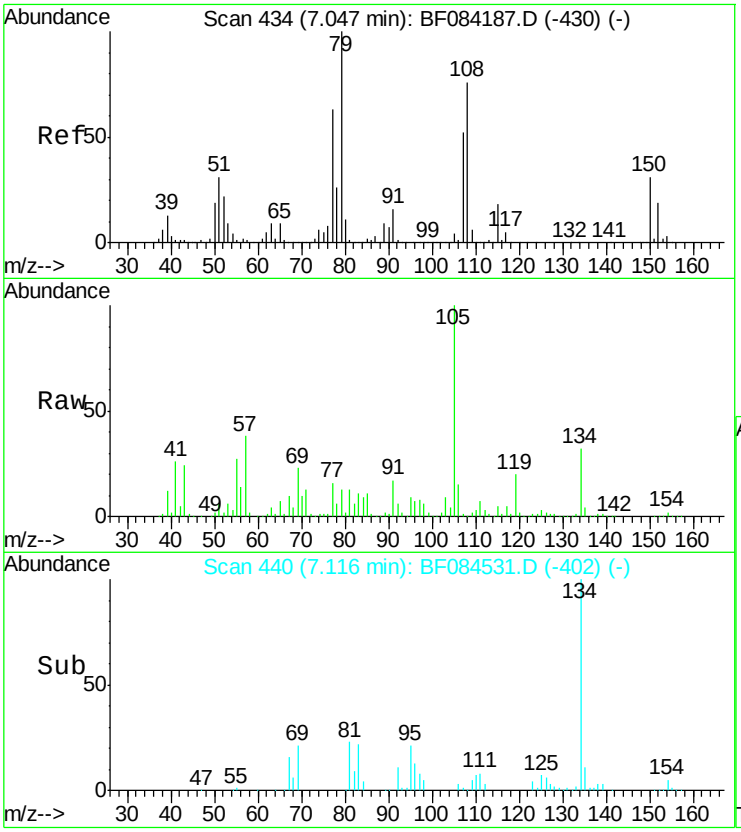


#9
Benzaldehyde
Concen: 42.77 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.14 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 77 Resp: 1196604

Ion	Ratio	Lower	Upper
77	100		
105	624.0	83.0	123.0#
106	67.5	74.6	114.6#



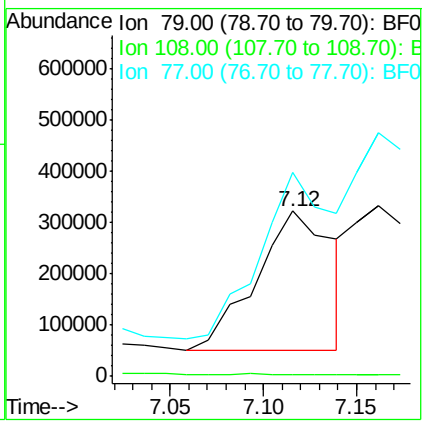


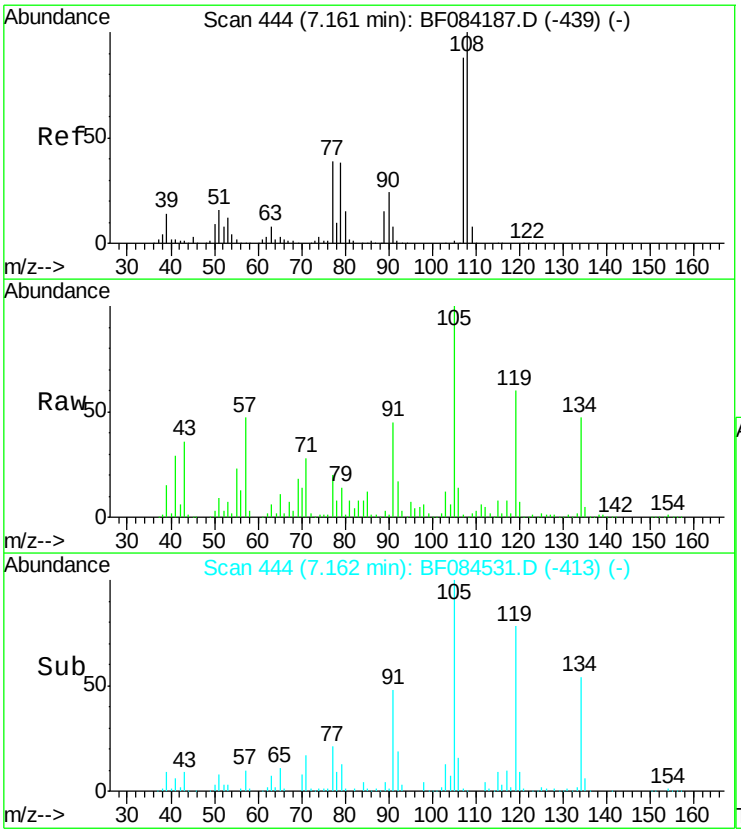
#15
Benzyl Alcohol
Concen: 21.39 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.14 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion: 79 Resp: 773250

Ion	Ratio	Lower	Upper
79	100		
108	1.1	69.0	103.4#
77	123.2	50.0	75.0#

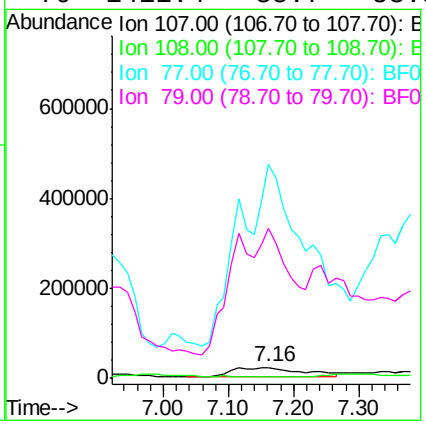


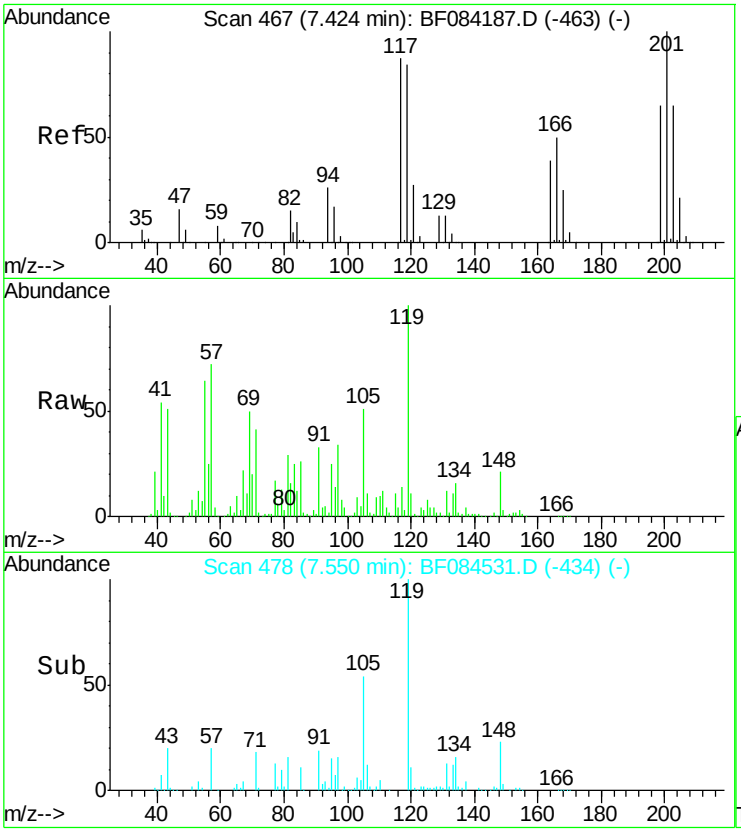


#17
2-Methylphenol
Concen: 4.62 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.06 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:107 Resp: 150336

Ion	Ratio	Lower	Upper
107	100		
108	12.5	89.8	134.6#
77	2019.3	35.7	53.5#
79	1411.4	35.7	53.5#



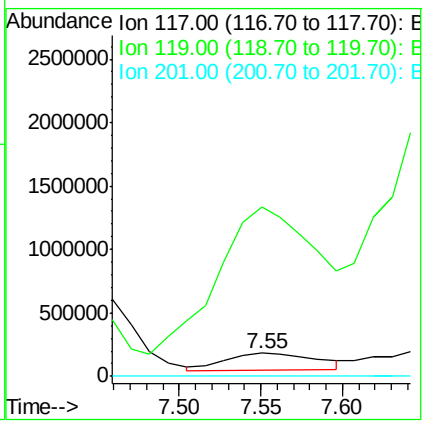


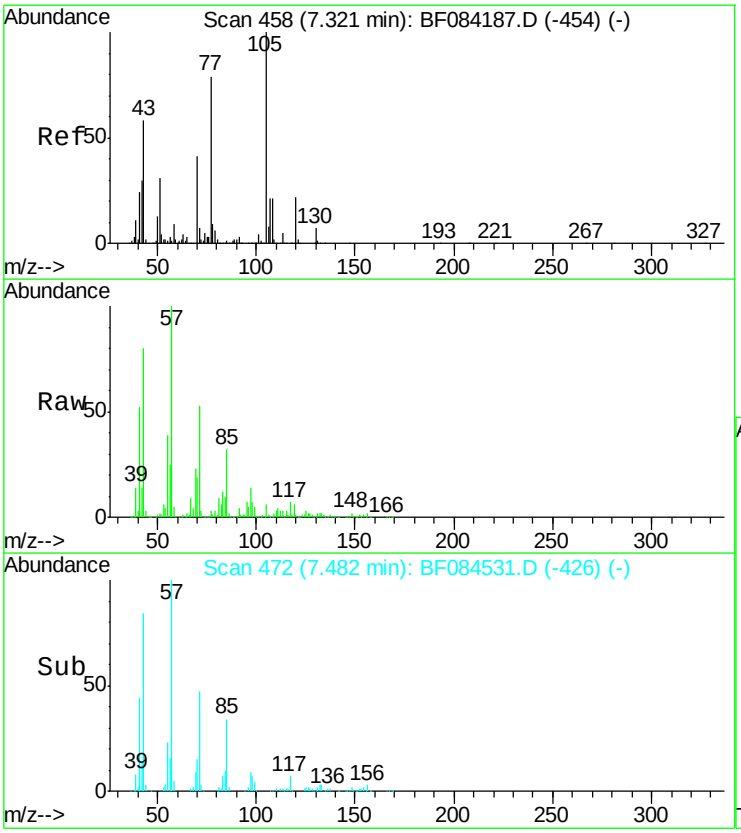
#18
Hexachloroethane
Concen: 32.04 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.21 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:117 Resp: 514469

Ion	Ratio	Lower	Upper
117	100		
119	740.2	77.4	116.0#
201	0.0	68.6	103.0#

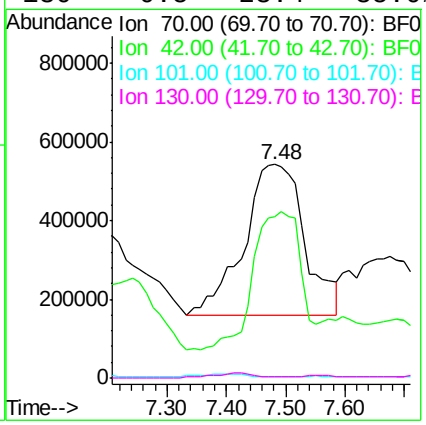


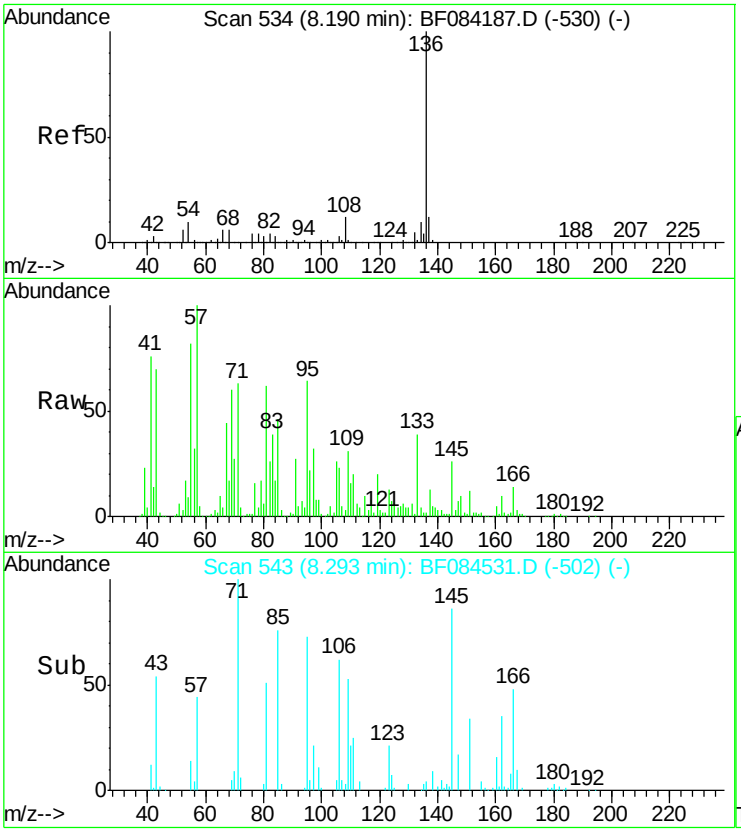


#19
n-Nitroso-di-n-propylamine
Concen: 93.97 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.23 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 70 Resp: 2733090

Ion	Ratio	Lower	Upper
70	100		
42	75.7	33.3	49.9#
101	0.4	9.3	13.9#
130	0.5	23.4	35.0#



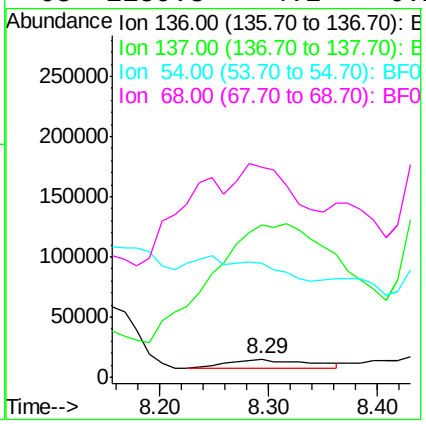


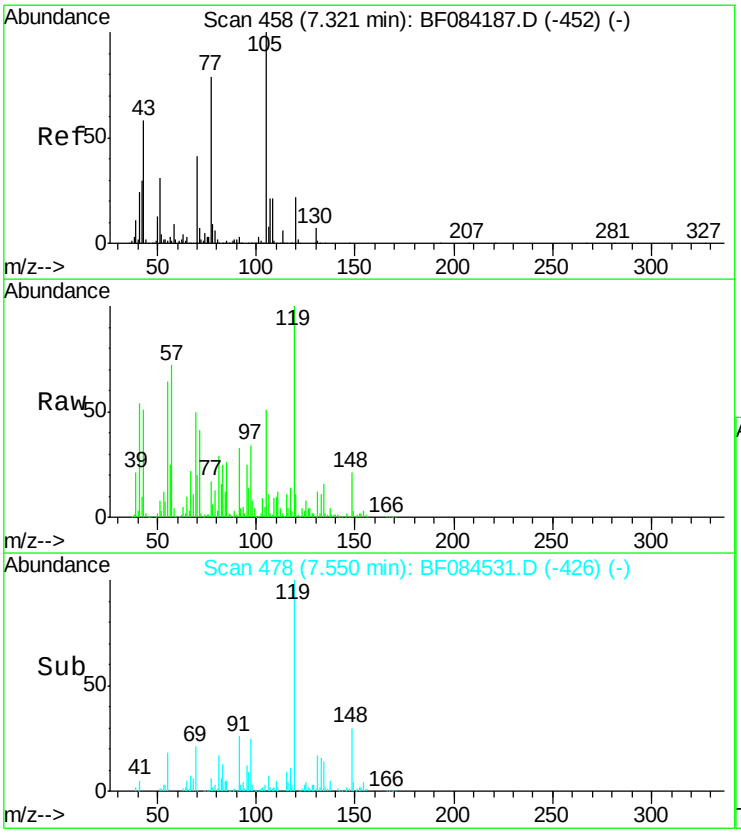
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.17 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:136 Resp: 34512

Ion	Ratio	Lower	Upper
136	100		
137	837.8	8.7	13.1#
54	630.6	5.8	8.8#
68	1159.8	4.2	6.2#

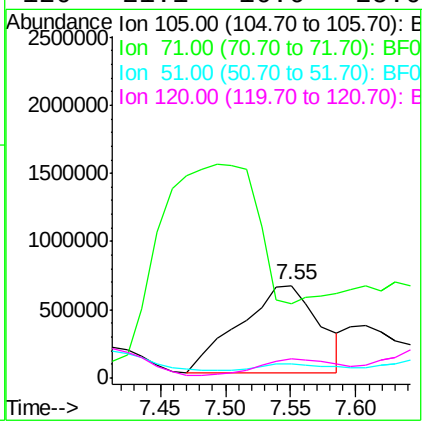


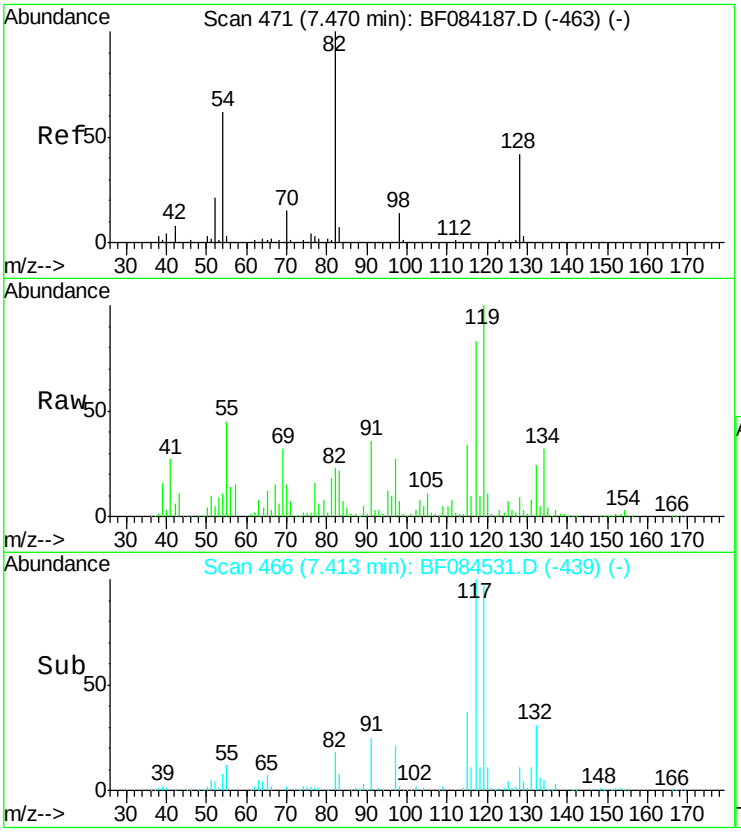


#22
Acetophenone
Concen: 3296.39 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.30 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:105 Resp: 2735618

Ion	Ratio	Lower	Upper
105	100		
71	81.2	3.7	5.5#
51	15.5	25.1	37.7#
120	21.1	16.6	25.0



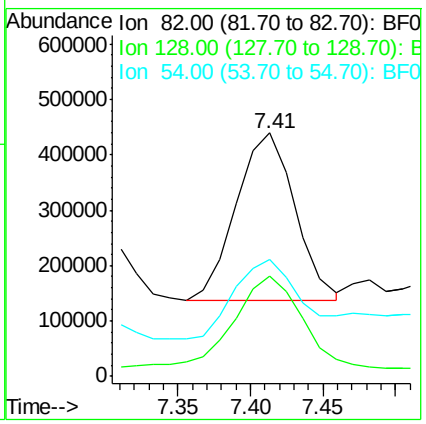


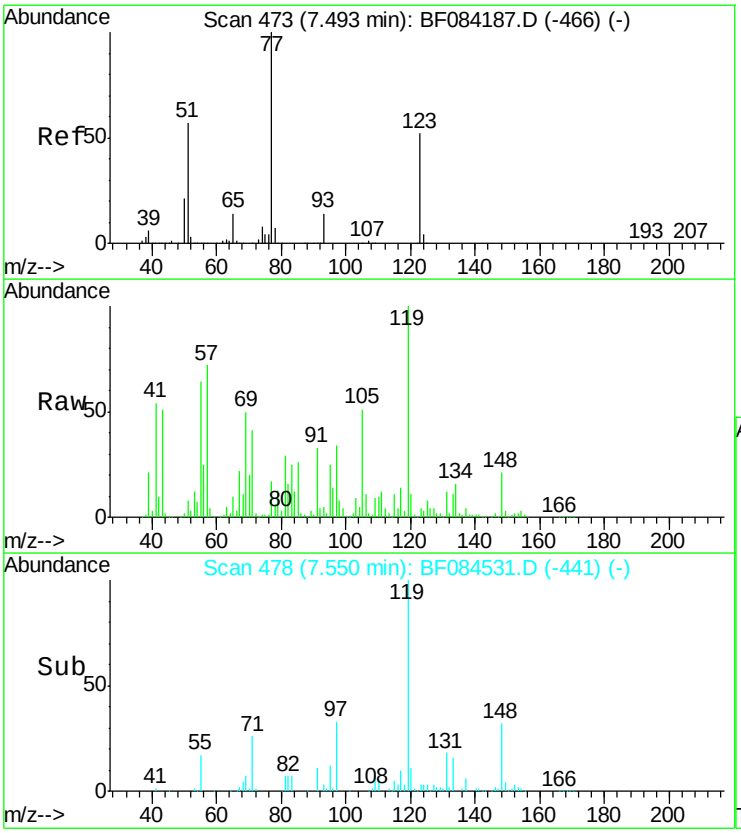
#23
Nitrobenzene-d5
Concen: 1354.41 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion: 82 Resp: 839875

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	51.8
54	48.0	38.4	57.6

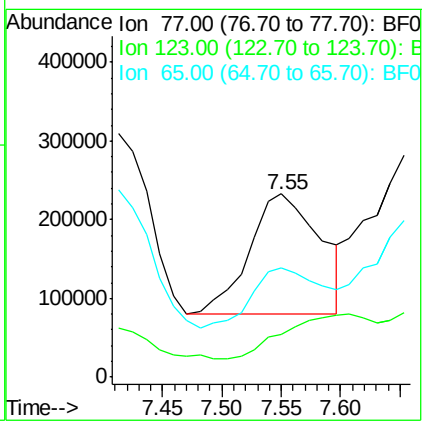


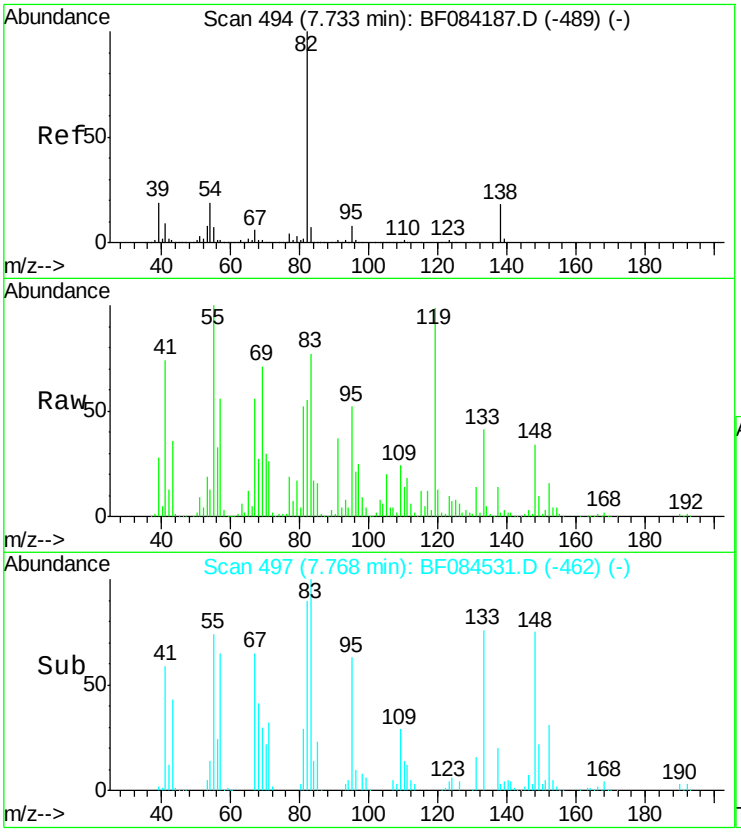


#24
Nitrobenzene
Concen: 1000.31 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.13 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 77 Resp: 629136

Ion	Ratio	Lower	Upper
77	100		
123	23.3	37.4	56.2#
65	59.5	10.9	16.3#



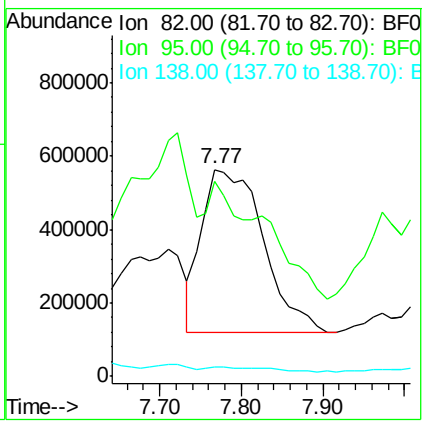


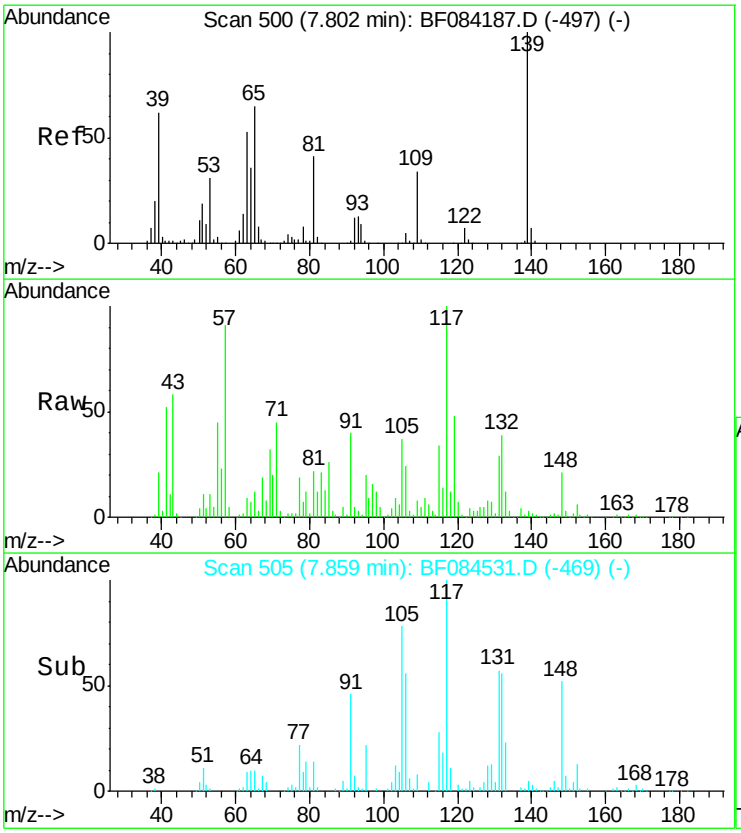
#25
Isophorone
Concen: 1951.96 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.10 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion: 82 Resp: 2314977

Ion	Ratio	Lower	Upper
82	100		
95	94.0	6.6	10.0#
138	4.2	13.6	20.4#

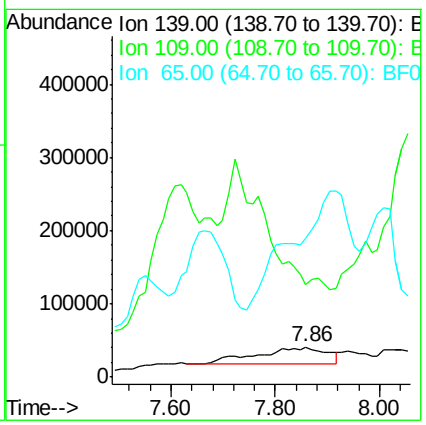


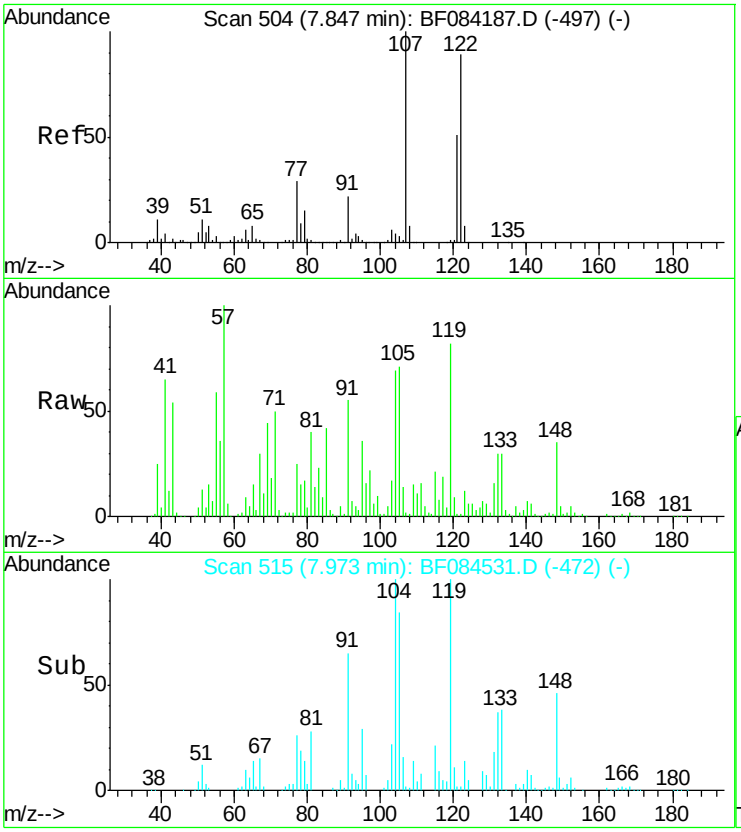


#26
2-Nitrophenol
Concen: 783.02 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.11 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:139 Resp: 224134

Ion	Ratio	Lower	Upper
139	100		
109	308.9	25.4	38.2#
65	461.7	32.3	48.5#



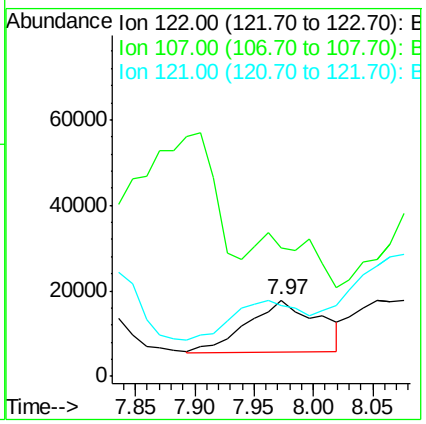


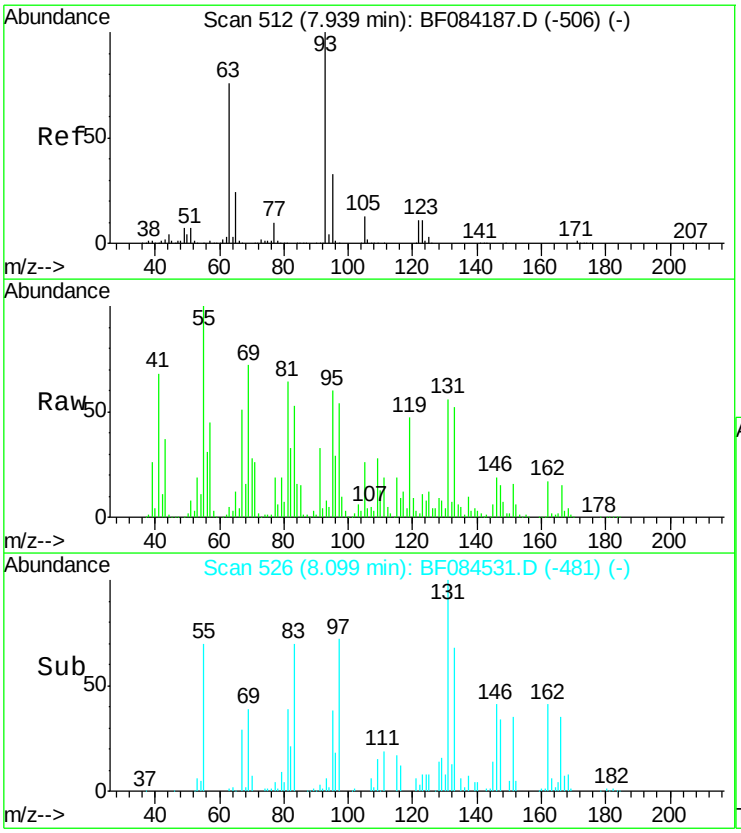
#27
2,4-Dimethylphenol
Concen: 88.28 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.19 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:122 Resp: 51149

Ion	Ratio	Lower	Upper
122	100		
107	168.6	99.1	148.7#
121	93.2	47.9	71.9#

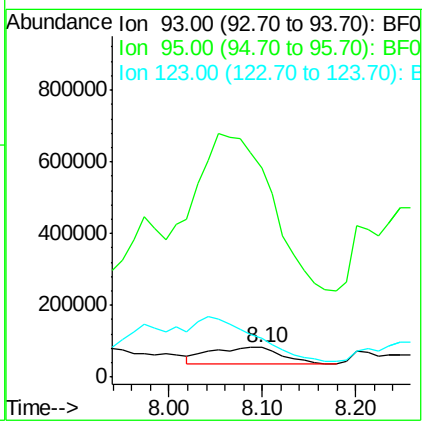


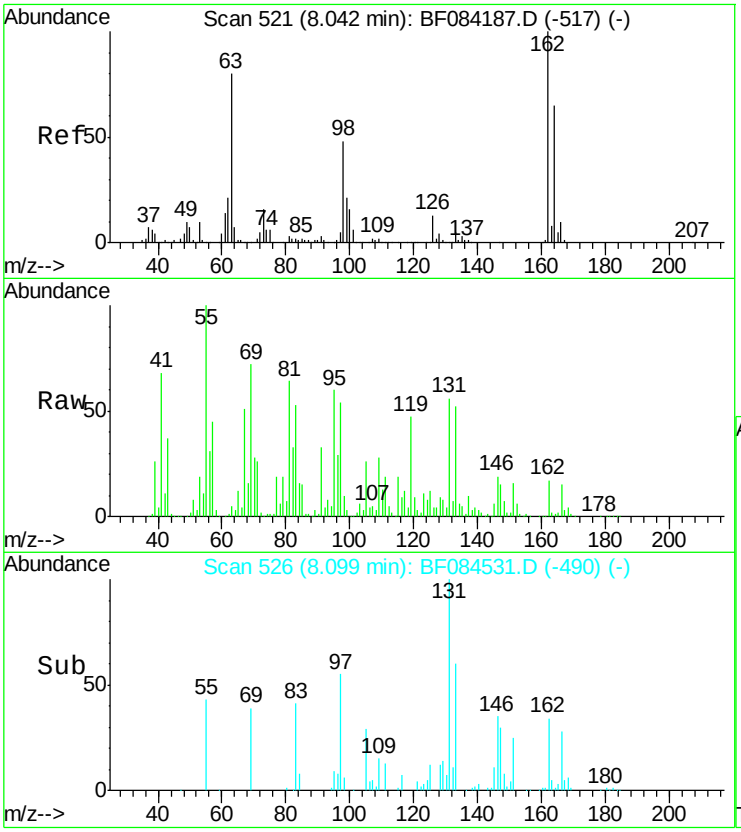


#28
bis(2-Chloroethoxy)methane
Concen: 337.24 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 93 Resp: 244299

Ion	Ratio	Lower	Upper
93	100		
95	709.1	25.8	38.6#
123	131.2	8.6	12.8#



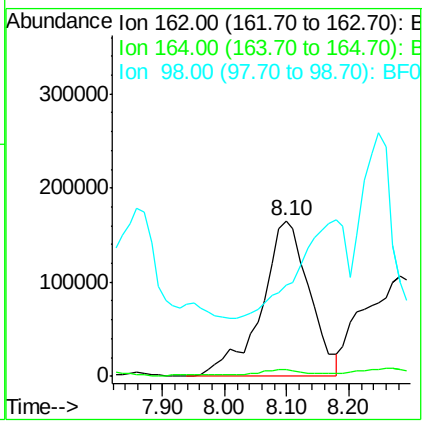


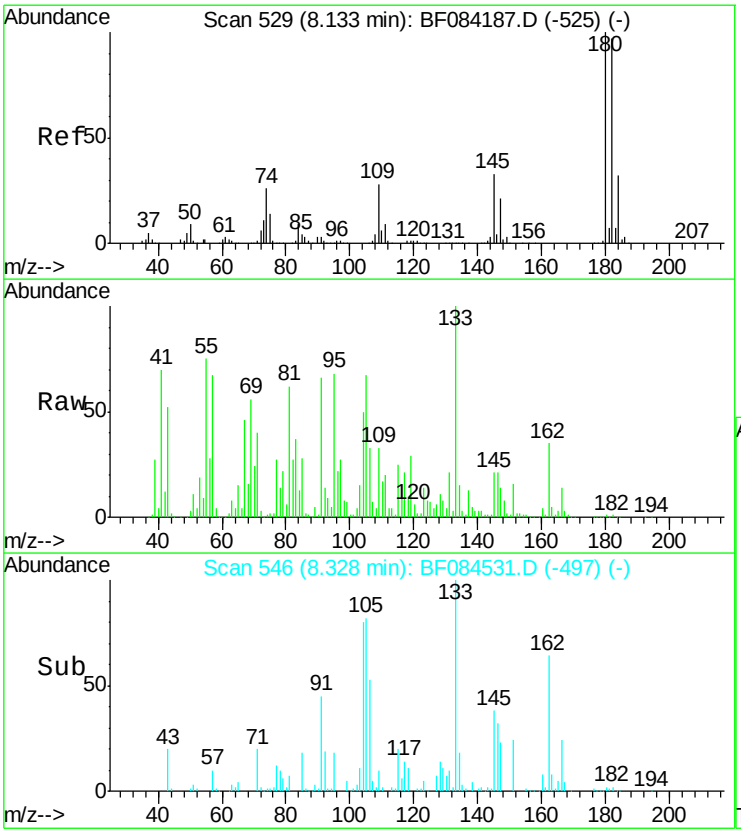
#29
2,4-Dichlorophenol
Concen: 1818.35 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.11 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:162 Resp: 877590

Ion	Ratio	Lower	Upper
162	100		
164	4.3	44.1	84.1#
98	58.9	20.2	60.2

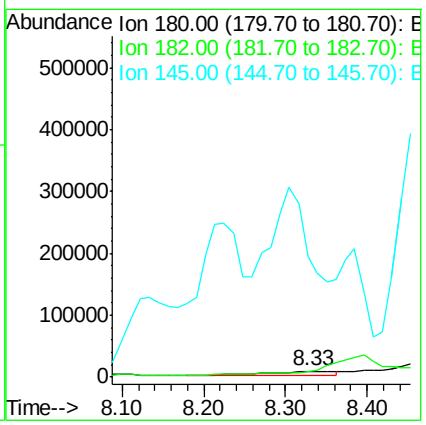


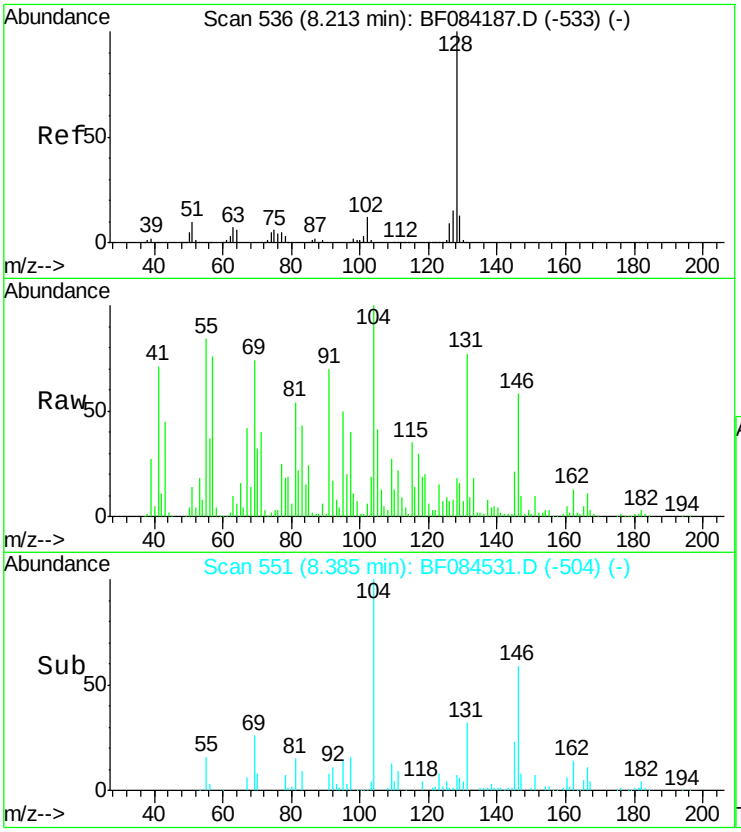


#30
1,2,4-Trichlorobenzene
Concen: 94.19 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.26 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:180 Resp: 46932

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	2173.2	31.6	47.4#



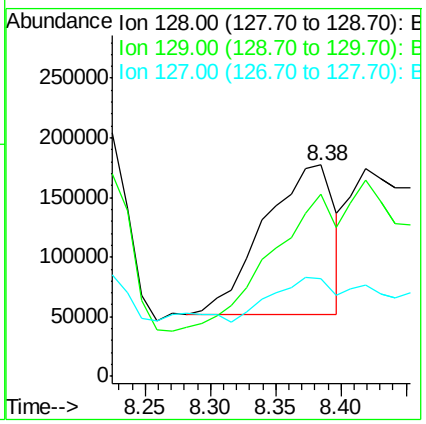


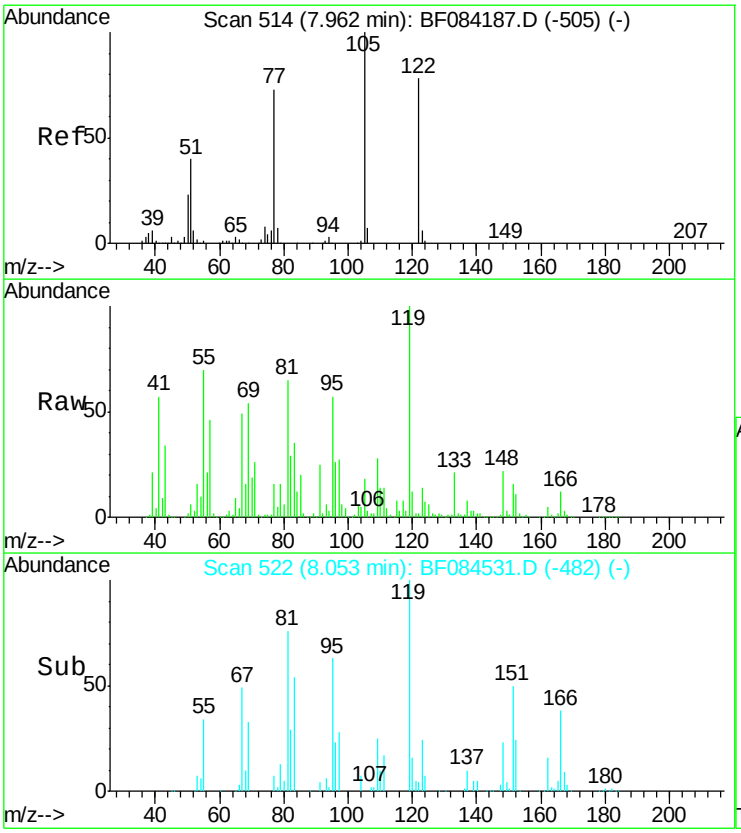
#31
Naphthalene
Concen: 300.99 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.24 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:128 Resp: 471298

Ion	Ratio	Lower	Upper
128	100		
129	86.1	9.1	13.7#
127	46.1	11.1	16.7#

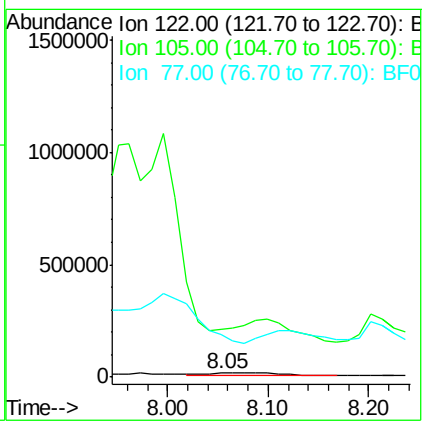


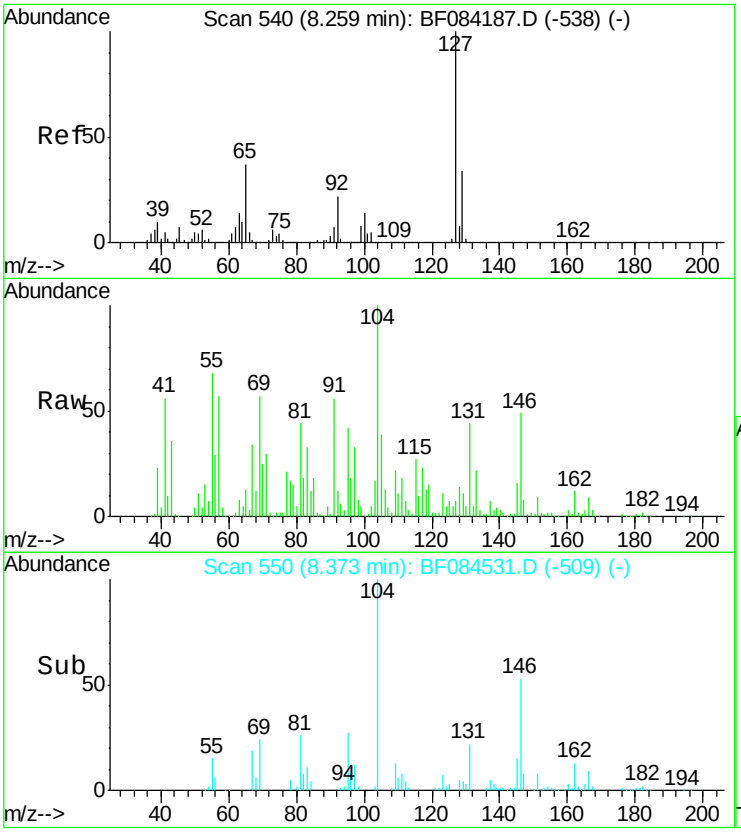


#32
Benzoic acid
Concen: 156.39 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.16 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:122 Resp: 64340

Ion	Ratio	Lower	Upper
122	100		
105	1179.2	100.3	140.3#
77	1065.7	63.5	103.5#



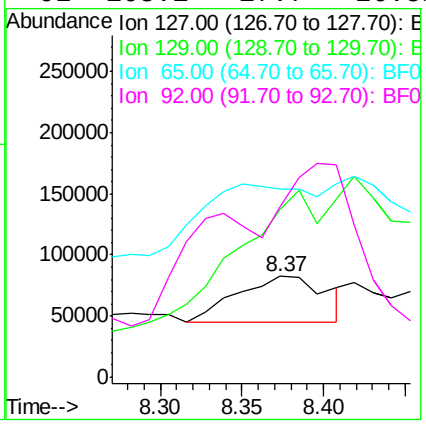


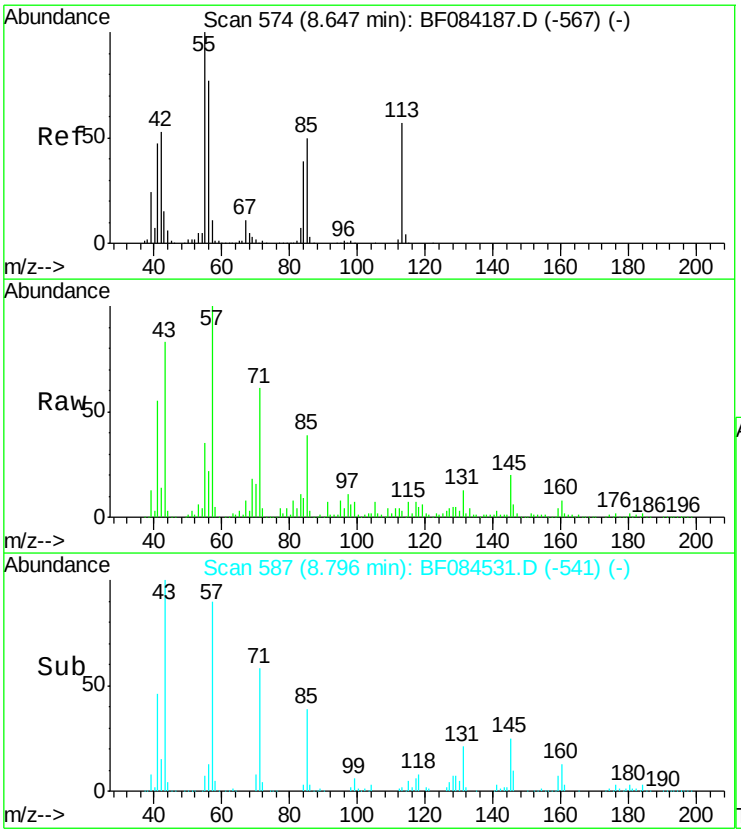
#33
4-Chloroaniline
Concen: 197.62 ng
RT: 8.37 min Scan# 550
Delta R.T. 0.17 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:127 Resp: 141857

Ion	Ratio	Lower	Upper
127	100		
129	165.8	26.5	39.7#
65	186.6	27.2	40.8#
92	168.1	17.7	26.5#

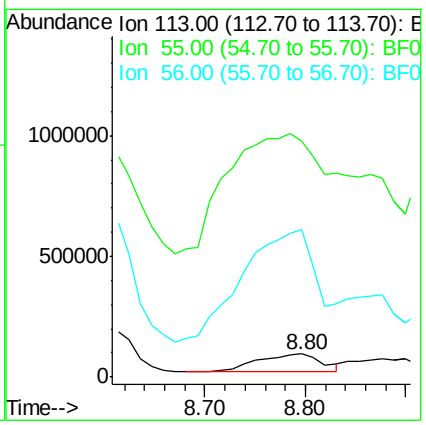


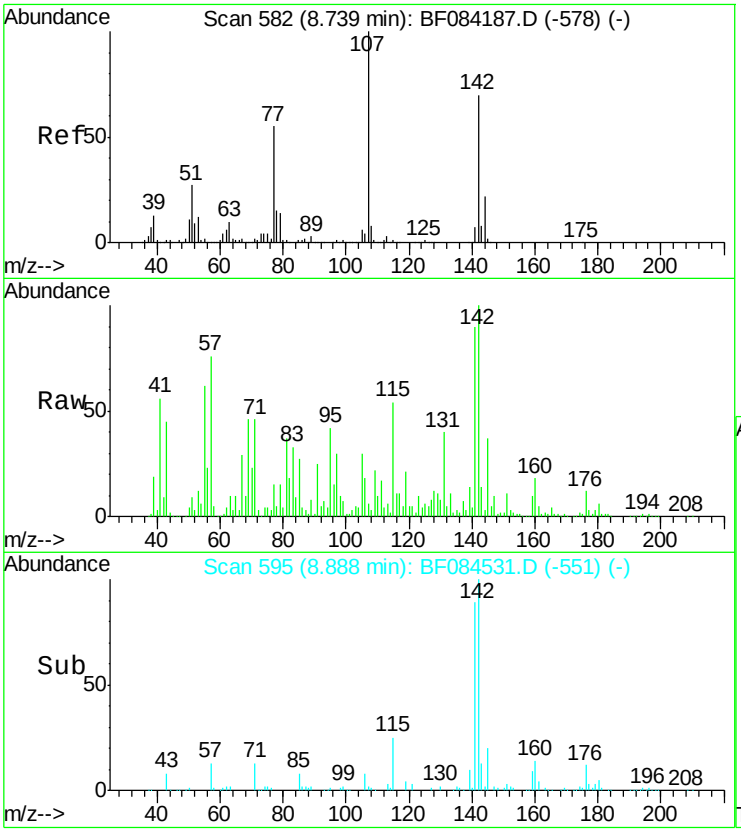


#35
Caprolactam
Concen: 2110.94 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.23 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:113 Resp: 343450

Ion	Ratio	Lower	Upper
113	100		
55	1009.6	116.9	156.9#
56	629.9	93.8	133.8#



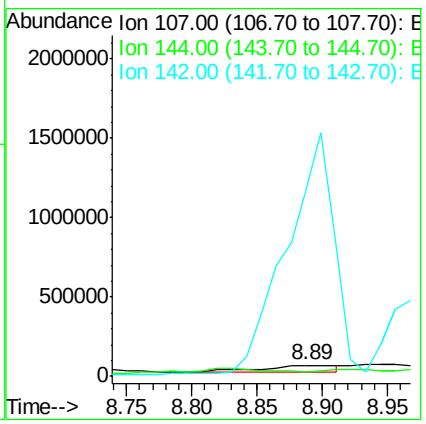


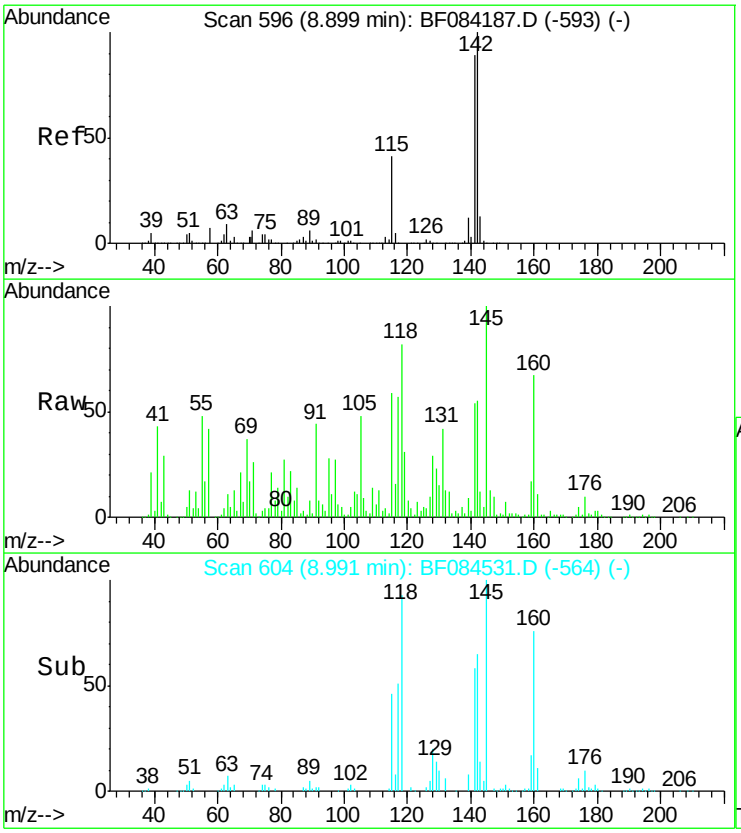
#36
4-Chloro-3-methylphenol
Concen: 359.21 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.21 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:107 Resp: 194191

Ion	Ratio	Lower	Upper
107	100		
144	43.3	19.7	29.5#
142	1637.3	61.8	92.6#

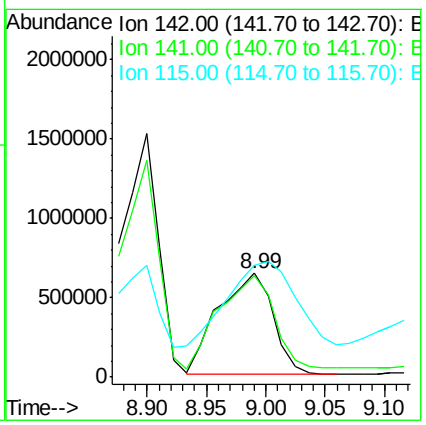


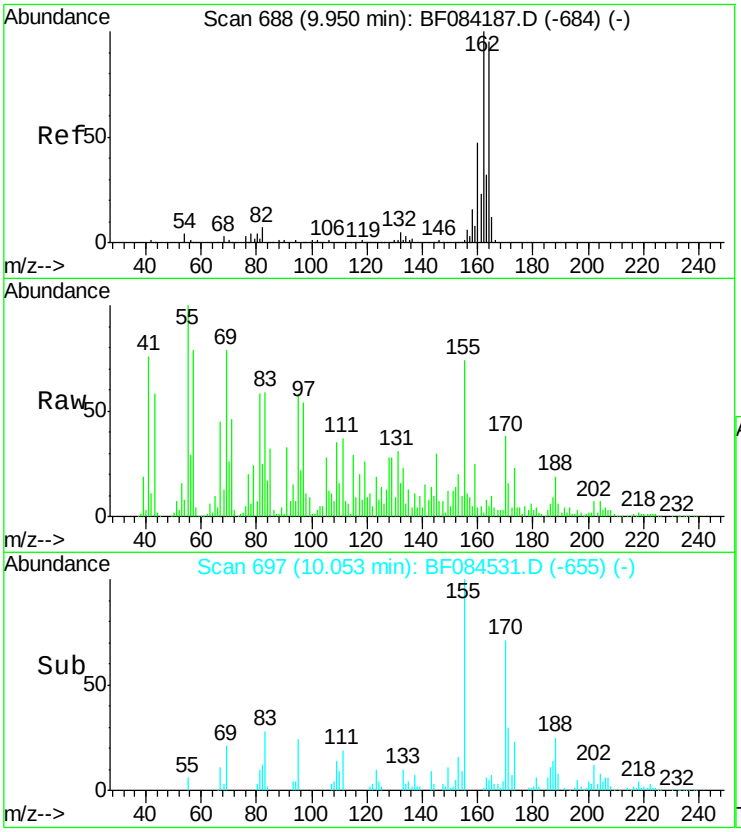


#37
2-Methylnaphthalene
Concen: 1828.88 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.16 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:142 Resp: 2055681

Ion	Ratio	Lower	Upper
142	100		
141	97.8	72.4	108.6
115	107.4	27.9	41.9#



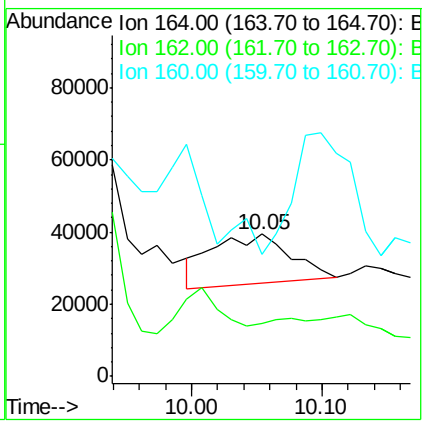


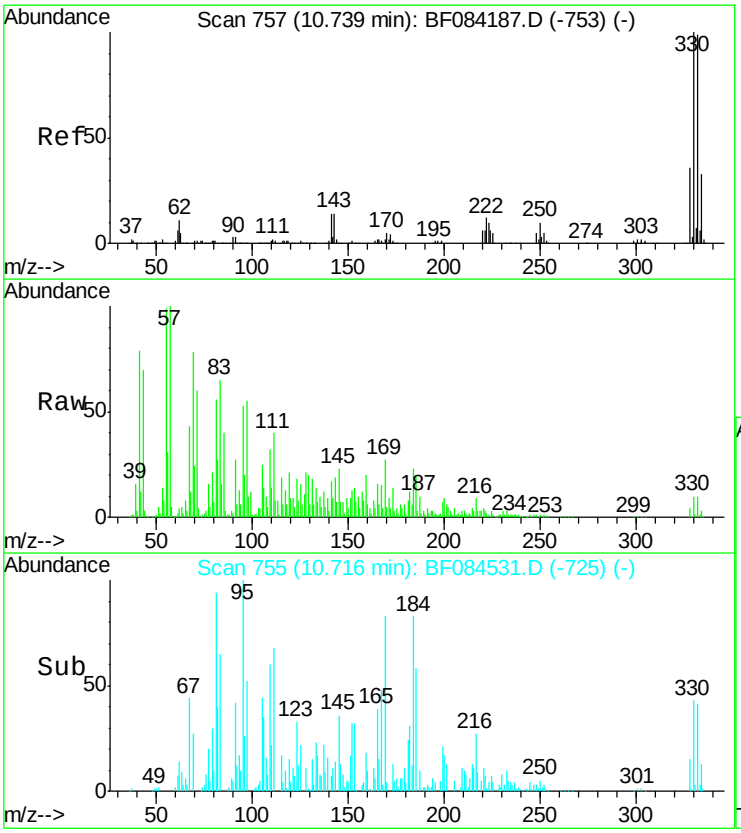
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.18 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:164 Resp: 58215

Ion	Ratio	Lower	Upper
164	100		
162	37.6	85.1	127.7#
160	86.0	37.5	56.3#

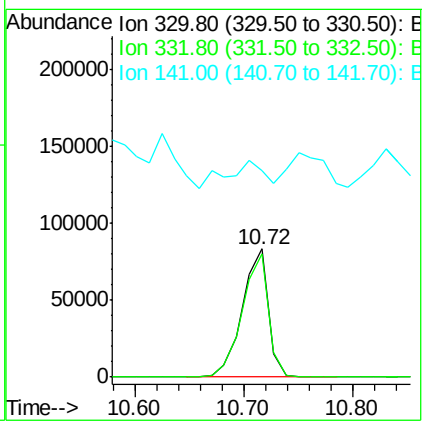


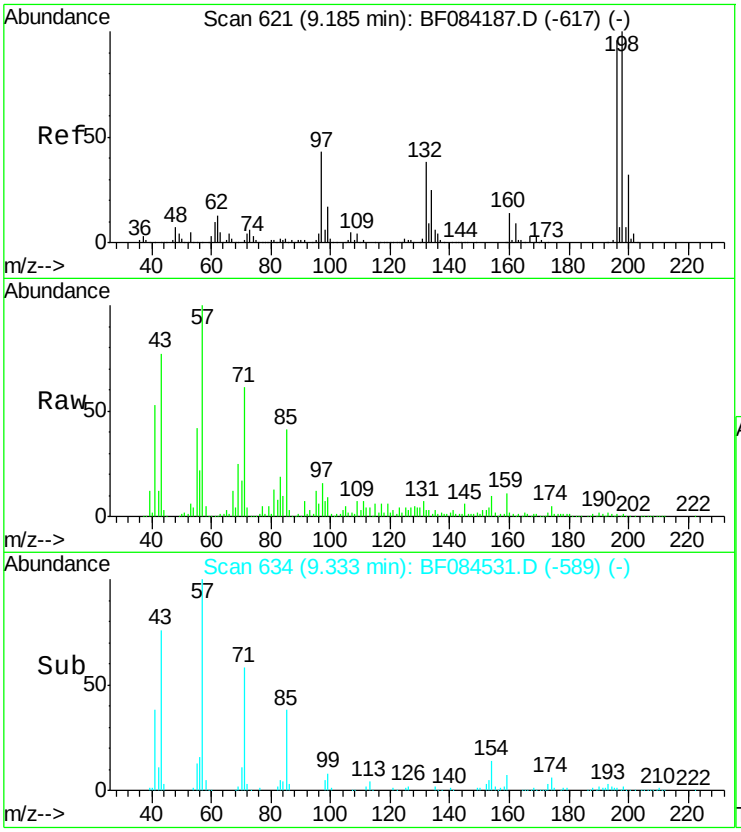


#41
2,4,6-Tribromophenol
Concen: 235.84 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.05 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:330 Resp: 138610

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	30.9	27.8	41.6



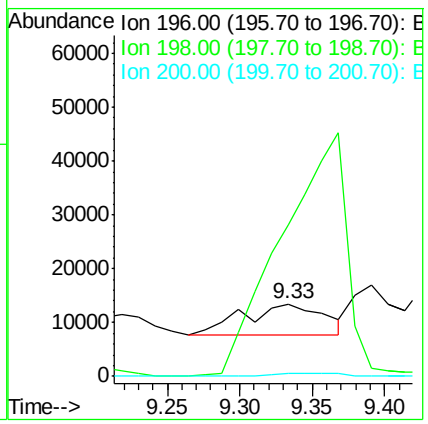


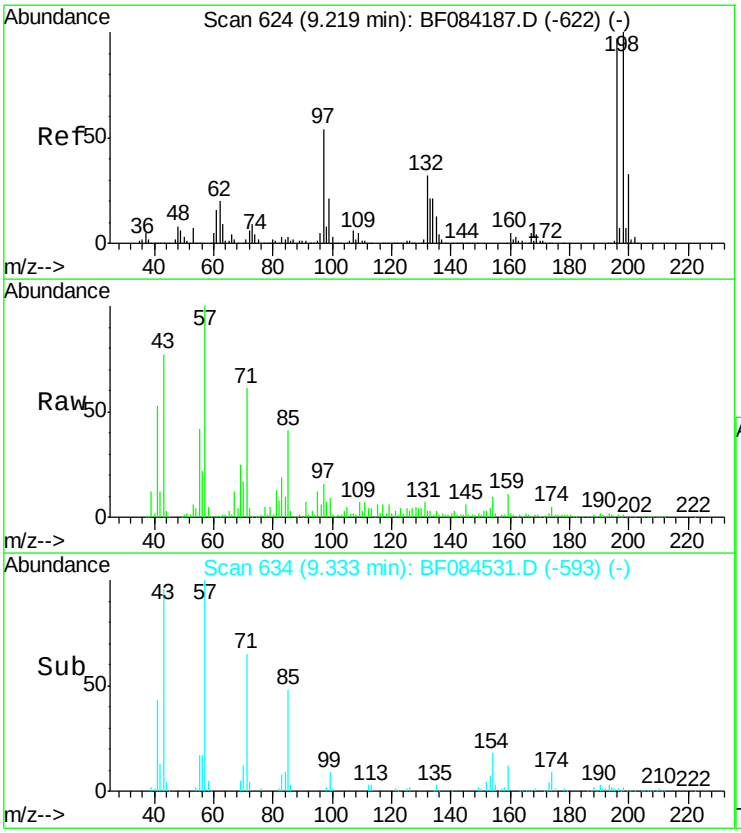
#42
2,4,6-Trichlorophenol
Concen: 18.44 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.22 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:196 Resp: 23083

Ion	Ratio	Lower	Upper
196	100		
198	210.0	77.7	116.5#
200	3.7	24.6	37.0#

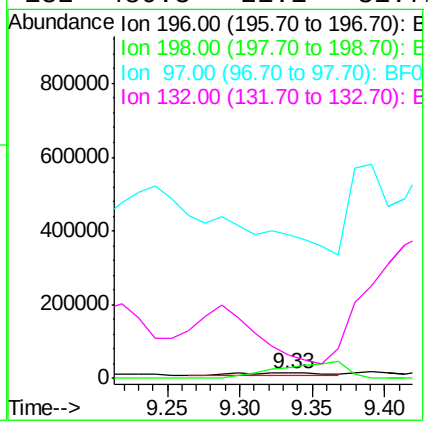


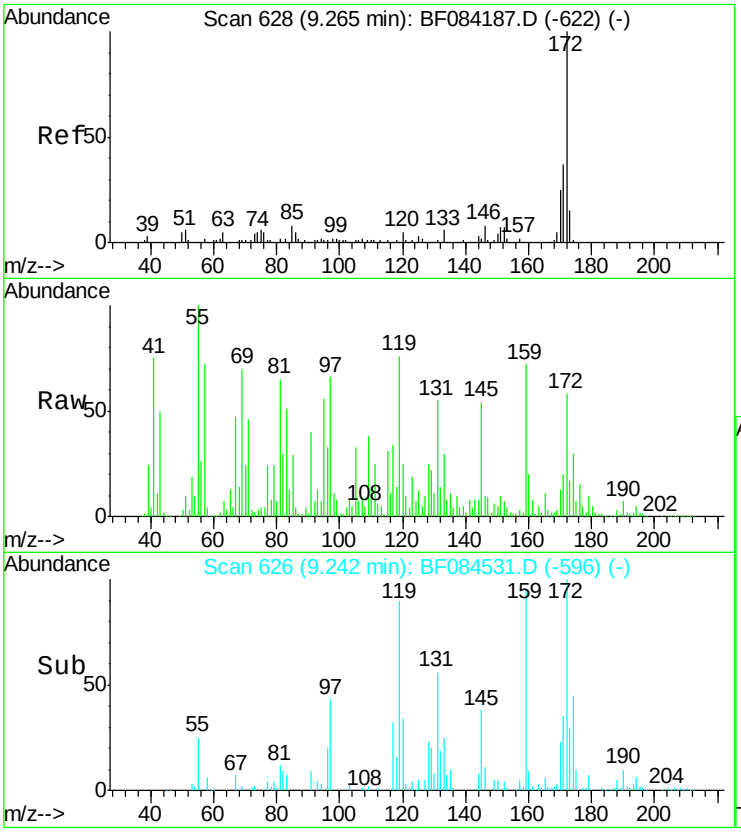


#43
2,4,5-Trichlorophenol
Concen: 19.23 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.17 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:196 Resp: 23083

Ion	Ratio	Lower	Upper
196	100		
198	210.0	79.0	118.6#
97	2897.3	33.0	49.6#
132	480.3	21.1	31.7#



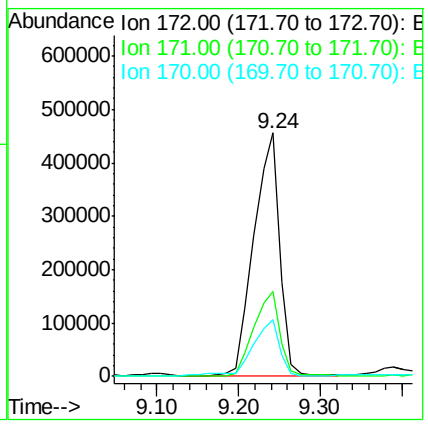


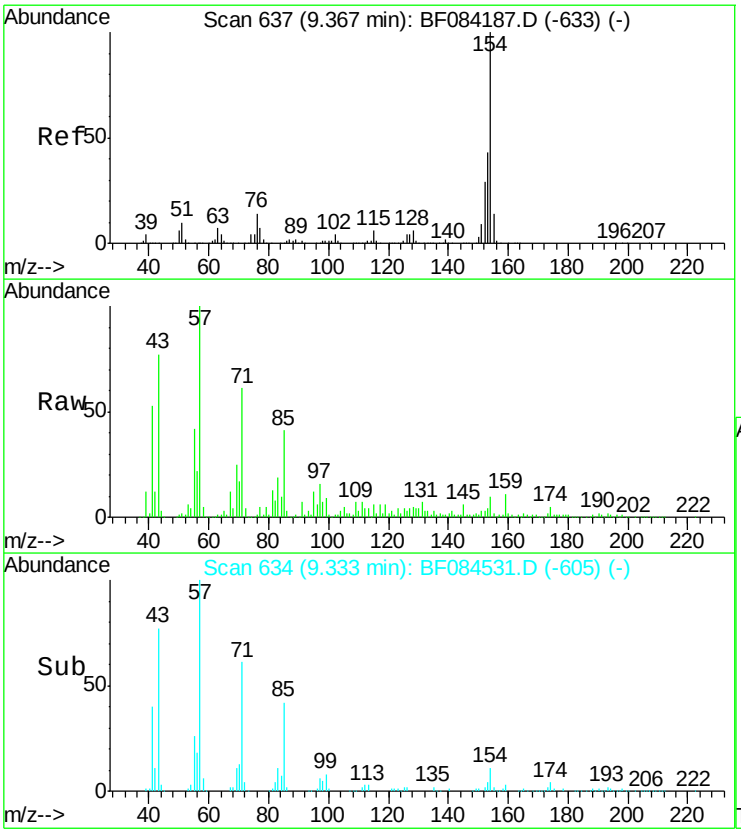
#44
2-Fluorobiphenyl
Concen: 321.88 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.05 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:172 Resp: 1006820

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	23.3	18.6	27.8

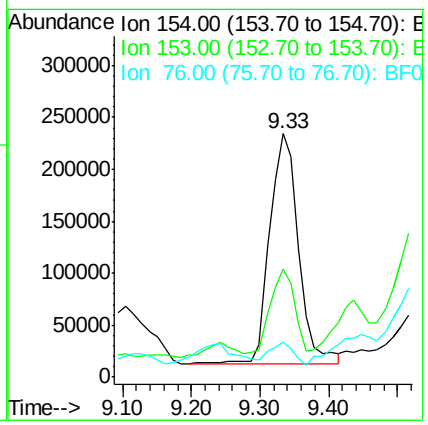


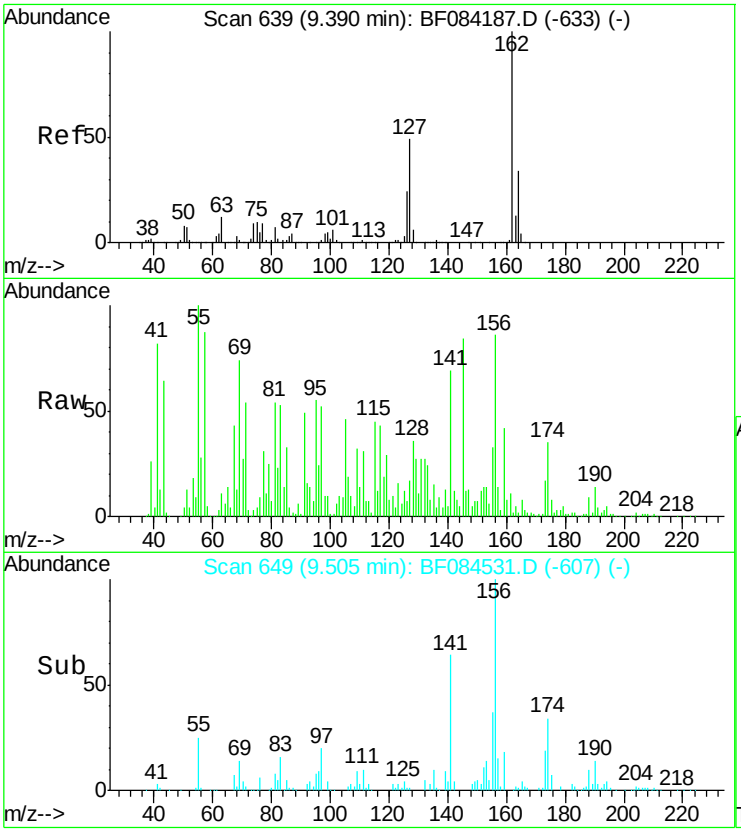


#45
1,1'-Biphenyl
Concen: 141.86 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.03 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:154 Resp: 656366

Ion	Ratio	Lower	Upper
154	100		
153	44.6	21.6	61.6
76	14.3	0.0	32.7



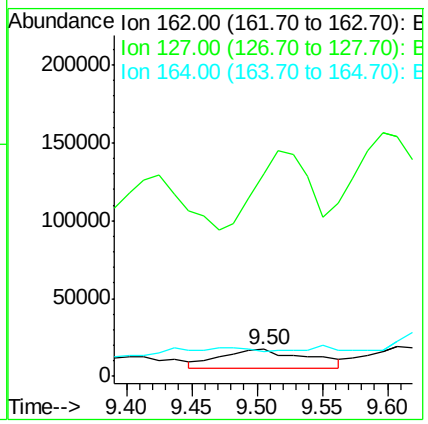


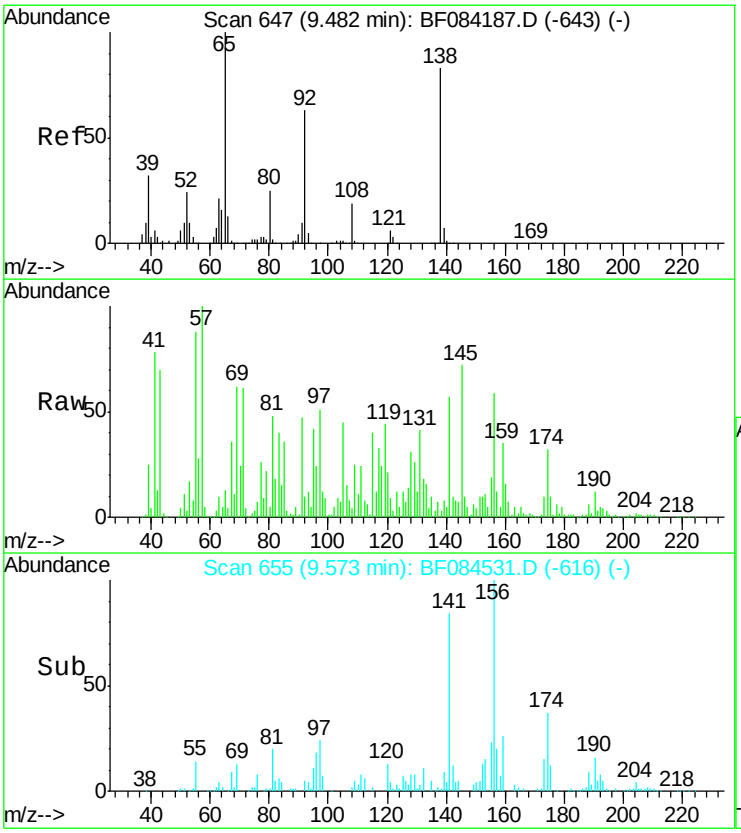
#46
2-Chloronaphthalene
Concen: 15.33 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.18 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:162 Resp: 55719

Ion	Ratio	Lower	Upper
162	100		
127	757.3	40.2	60.4#
164	92.8	25.7	38.5#

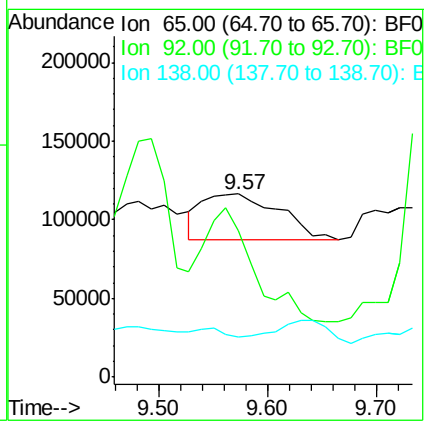


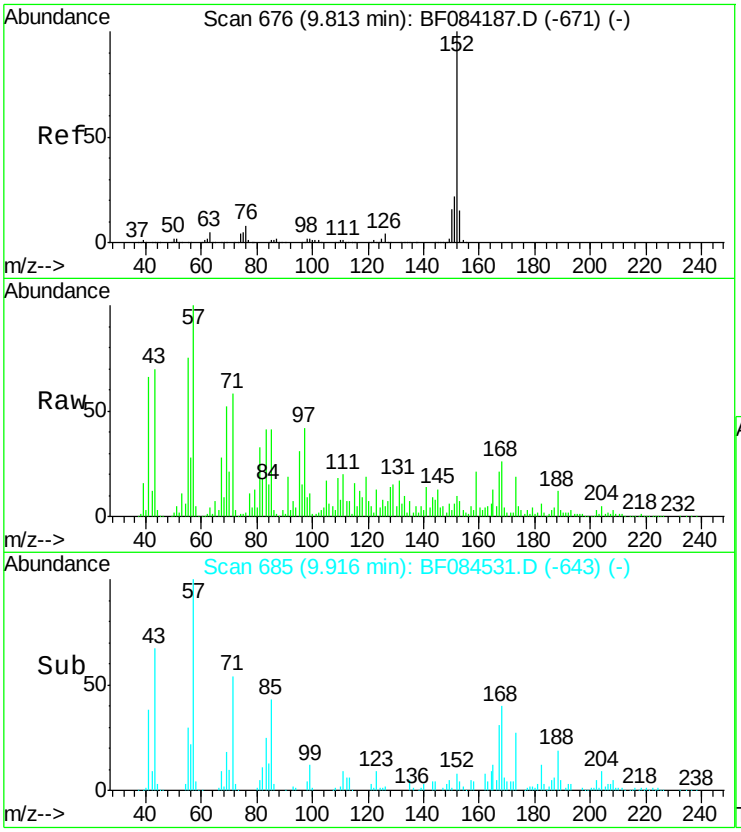


#47
2-Nitroaniline
Concen: 121.35 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.15 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 65 Resp: 145556

Ion	Ratio	Lower	Upper
65	100		
92	80.0	53.4	80.2
138	21.8	71.1	106.7#



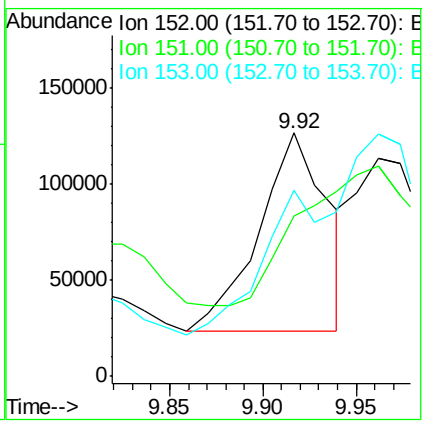


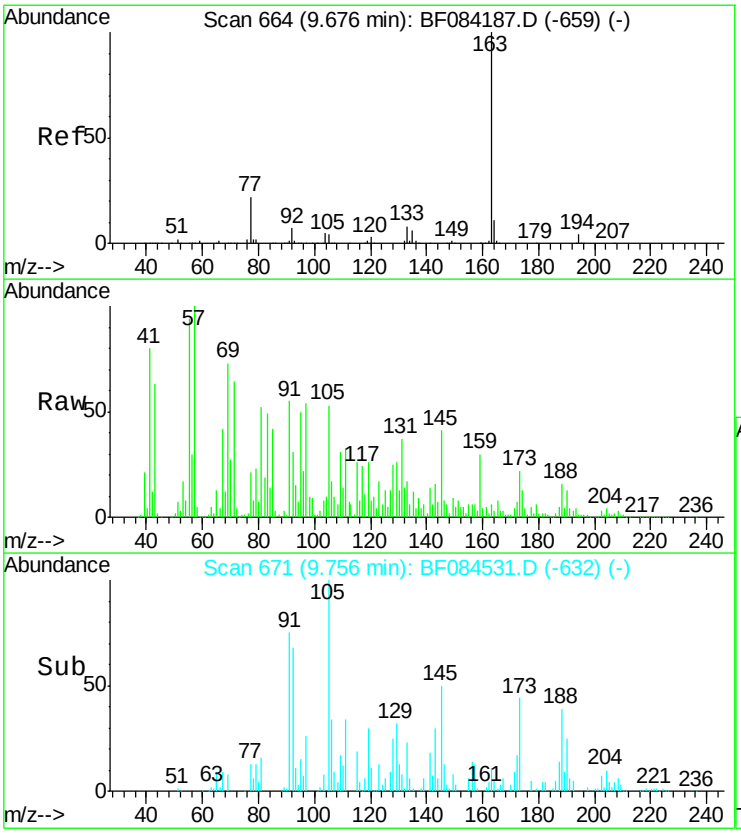
#48
Acenaphthylene
Concen: 48.92 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.18 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:152 Resp: 262634

Ion	Ratio	Lower	Upper
152	100		
151	66.1	16.3	24.5#
153	76.4	10.4	15.6#

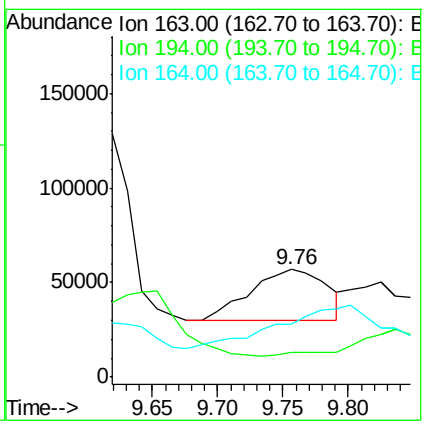


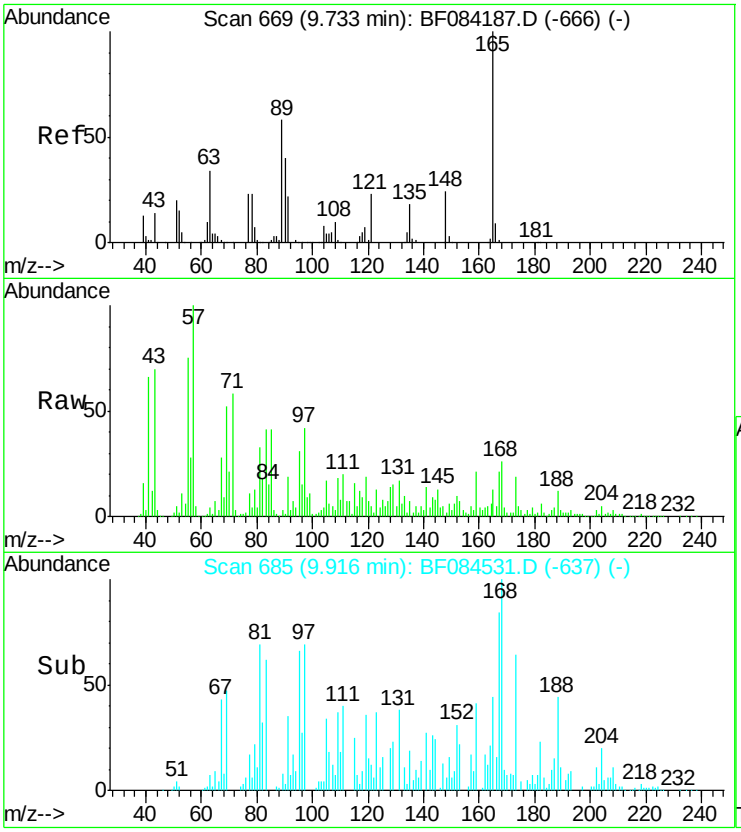


#49
Dimethylphthalate
Concen: 26.82 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.15 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:163 Resp: 111610

Ion	Ratio	Lower	Upper
163	100		
194	22.7	8.0	12.0#
164	48.9	8.0	12.0#



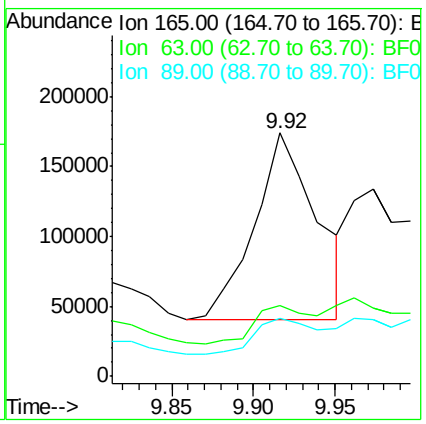


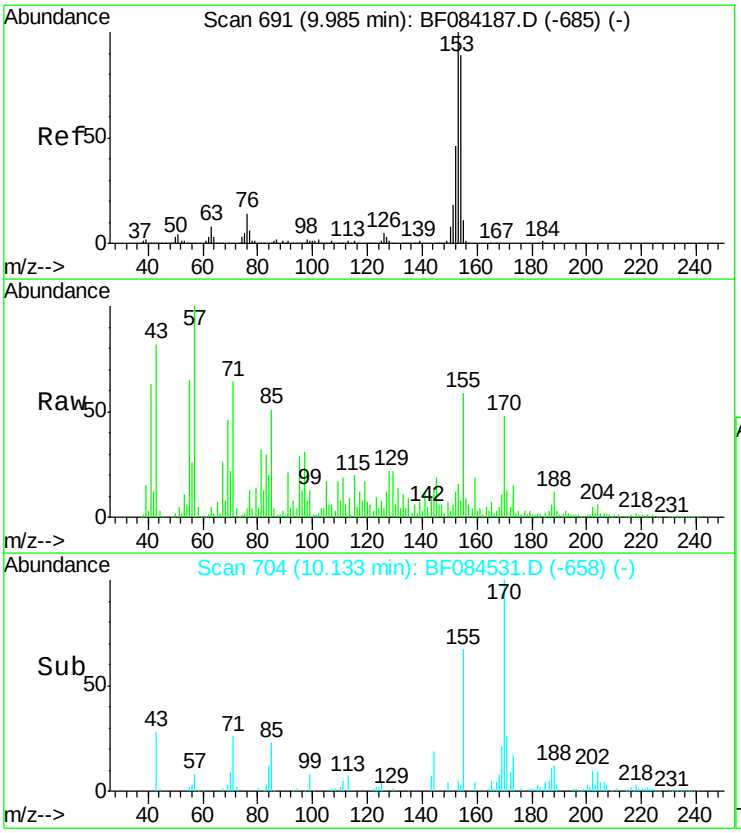
#50
2,6-Dinitrotoluene
Concen: 386.77 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.25 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:165 Resp: 353041

Ion	Ratio	Lower	Upper
165	100		
63	29.0	28.8	43.2
89	23.7	35.1	52.7#

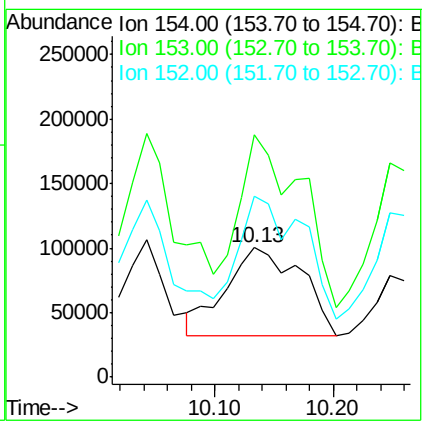


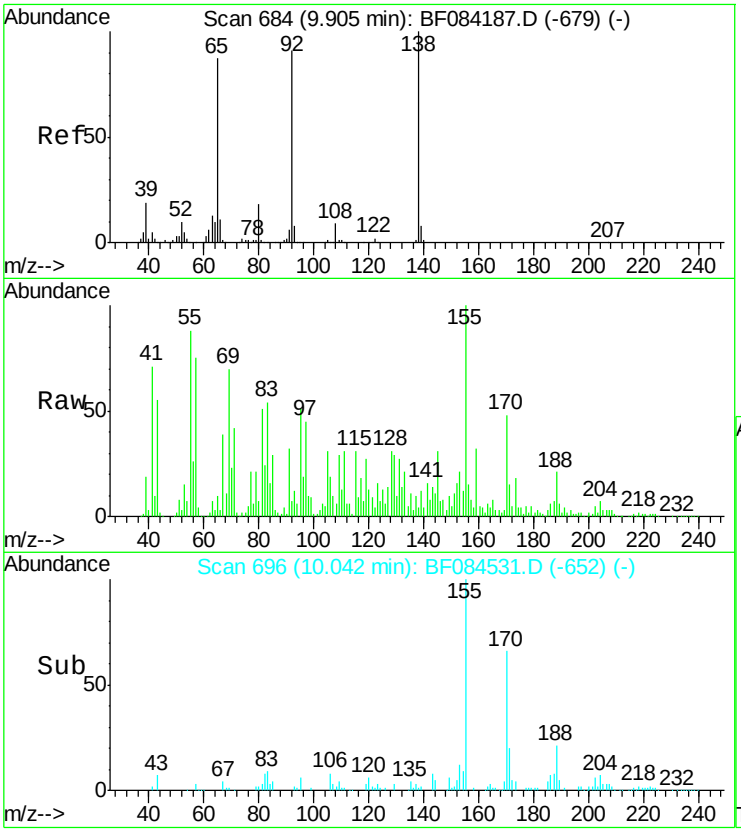


#51
Acenaphthene
Concen: 83.58 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.23 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:154 Resp: 301036

Ion	Ratio	Lower	Upper
154	100		
153	187.8	91.5	137.3#
152	139.9	43.0	64.6#



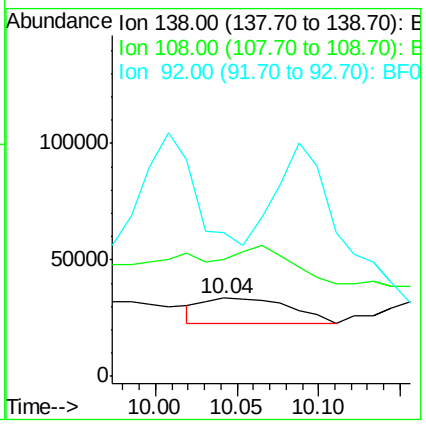


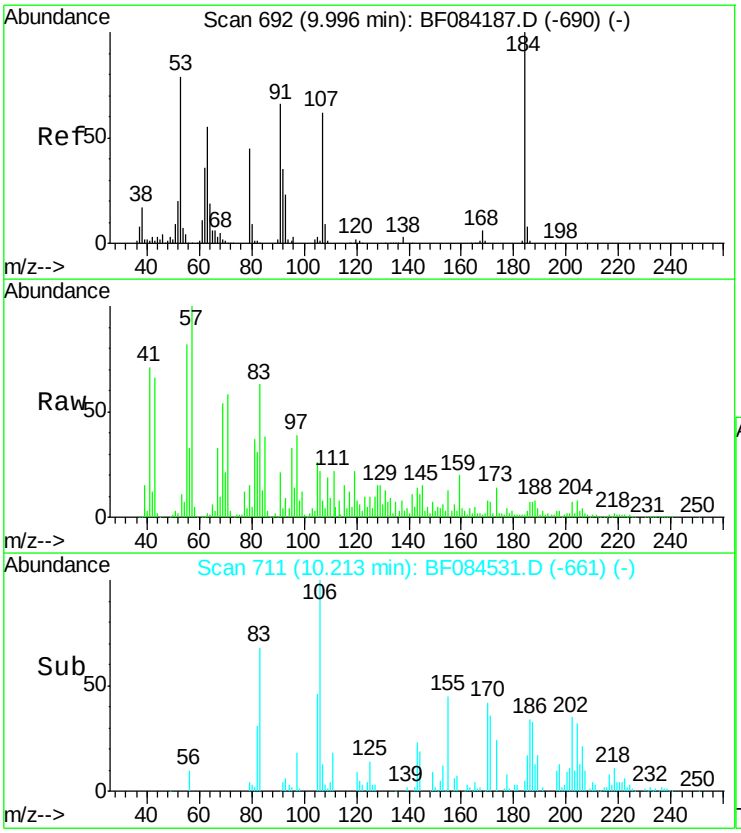
#52
3-Nitroaniline
Concen: 36.33 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.21 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:138 Resp: 41090

Ion	Ratio	Lower	Upper
138	100		
108	149.4	10.5	15.7#
92	184.5	103.9	155.9#

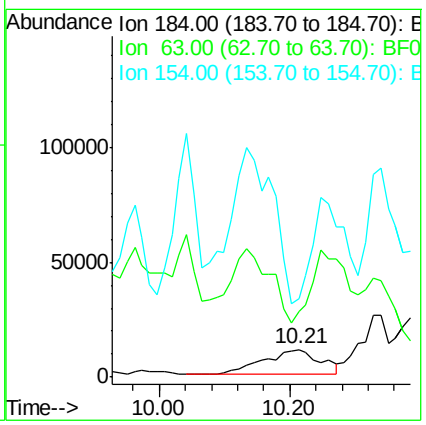


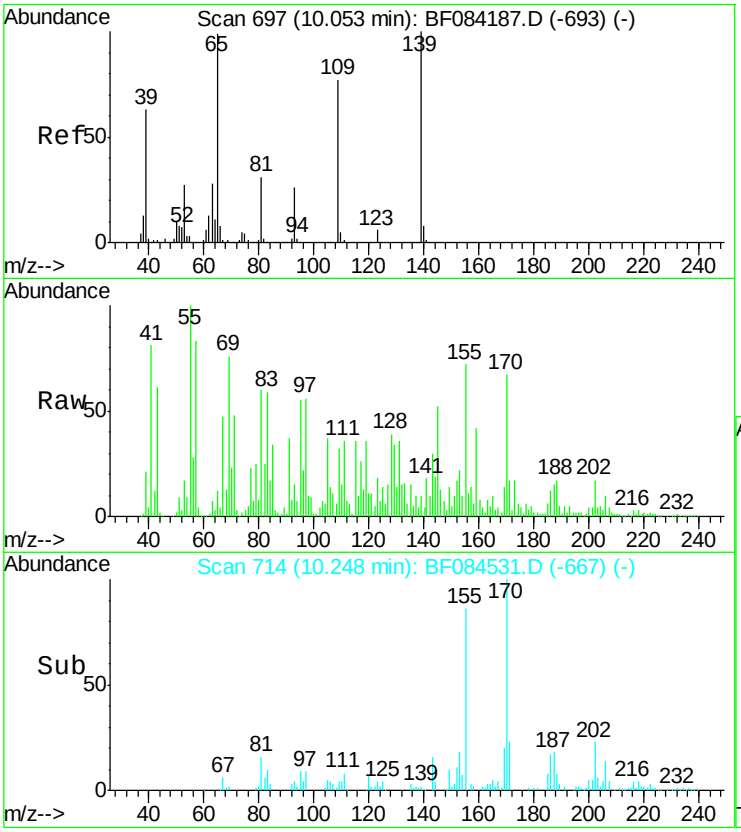


#53
2,4-Dinitrophenol
Concen: 166.63 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.27 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:184 Resp: 66360

Ion	Ratio	Lower	Upper
184	100		
63	239.5	43.1	64.7#
154	285.5	60.5	90.7#



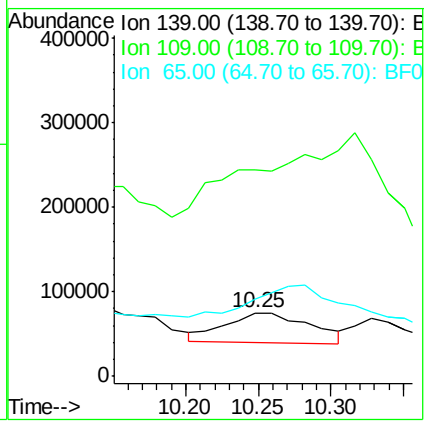


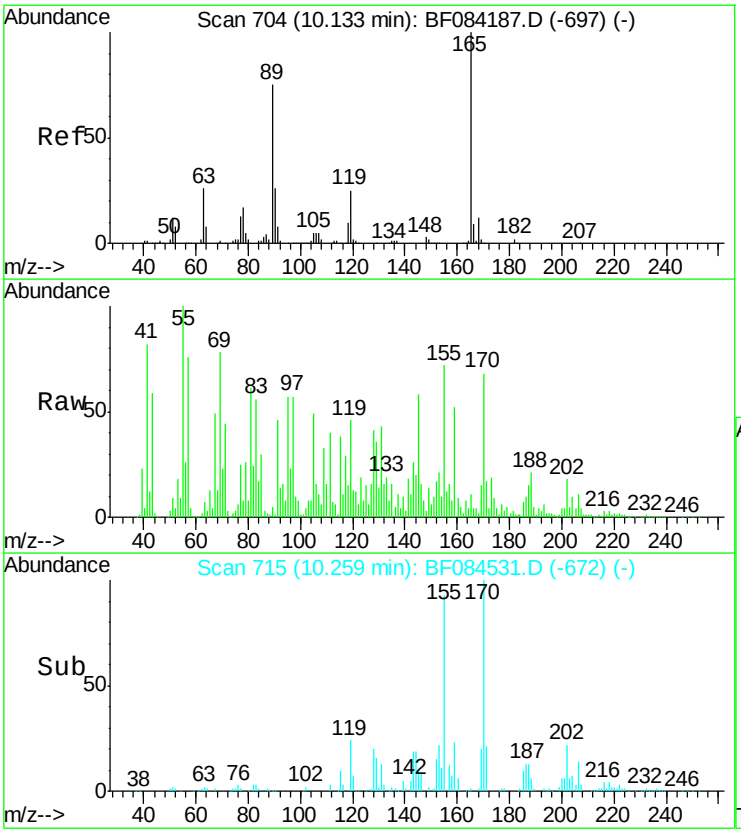
#55
4-Nitrophenol
Concen: 176.54 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.24 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:139 Resp: 144942

Ion	Ratio	Lower	Upper
139	100		
109	324.7	58.5	98.5#
65	120.7	57.6	97.6#

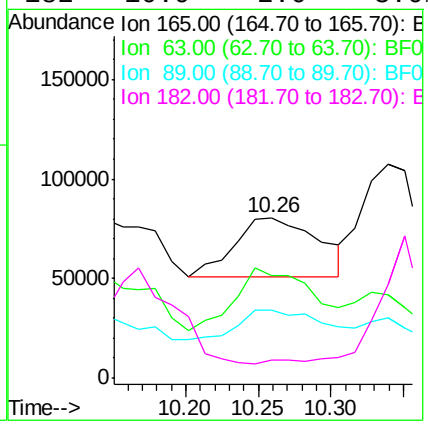


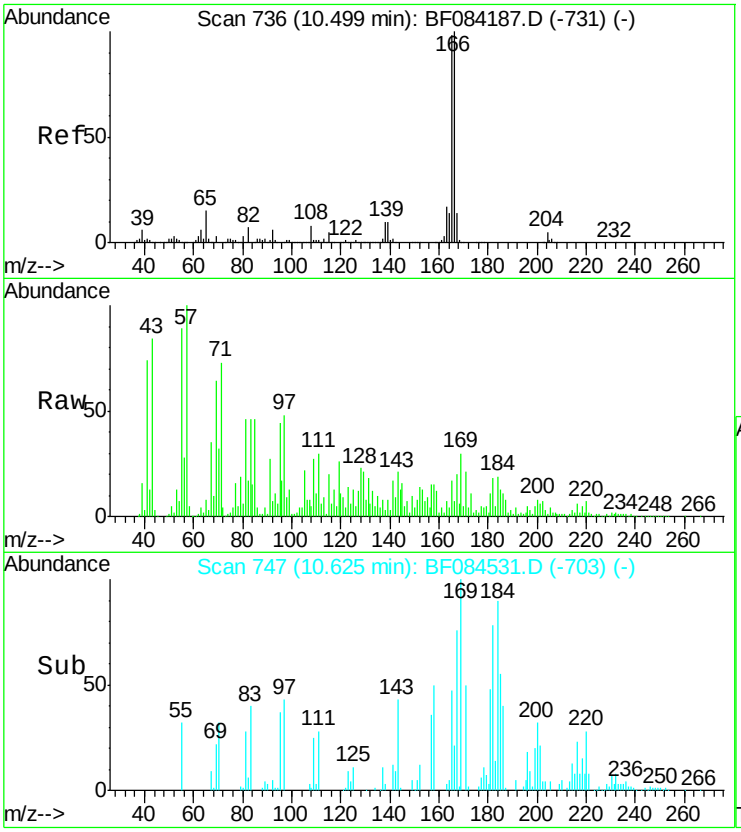


#56
2,4-Dinitrotoluene
Concen: 104.06 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.19 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:165 Resp: 120214

Ion	Ratio	Lower	Upper
165	100		
63	63.9	36.7	55.1#
89	42.5	61.9	92.9#
182	10.9	2.0	3.0#



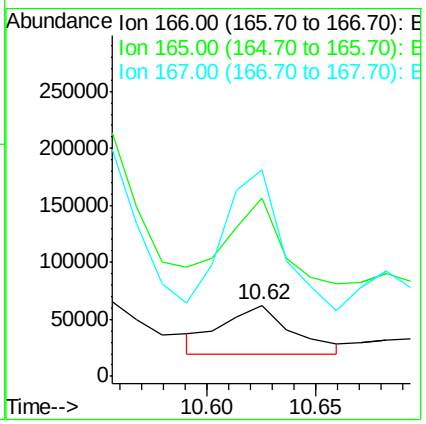


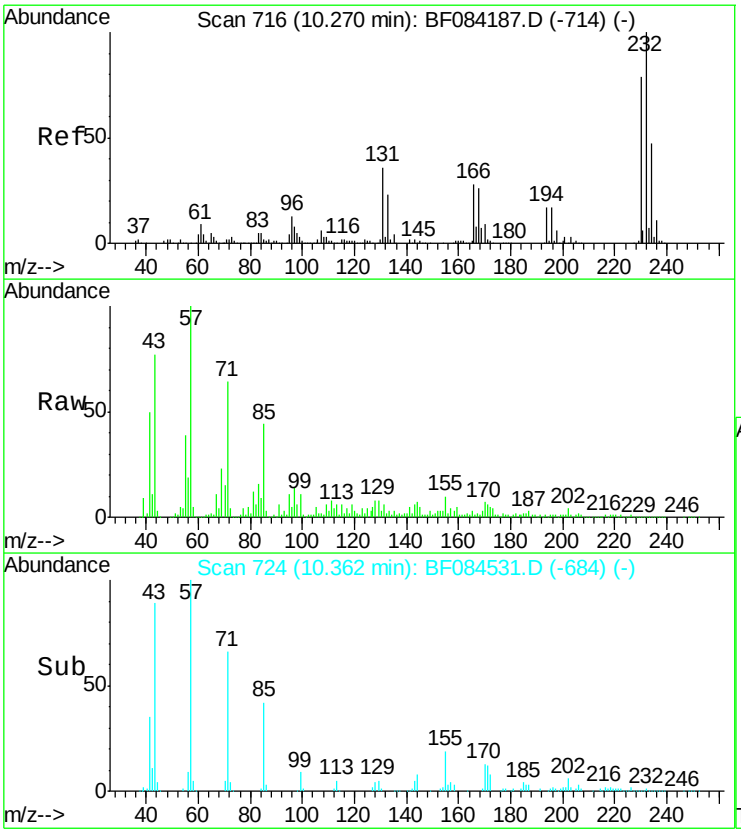
#57
Fluorene
Concen: 25.71 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:166 Resp: 96431

Ion	Ratio	Lower	Upper
166	100		
165	251.3	79.1	118.7#
167	290.6	10.4	15.6#

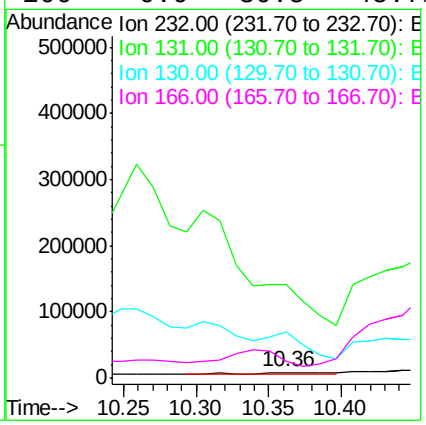


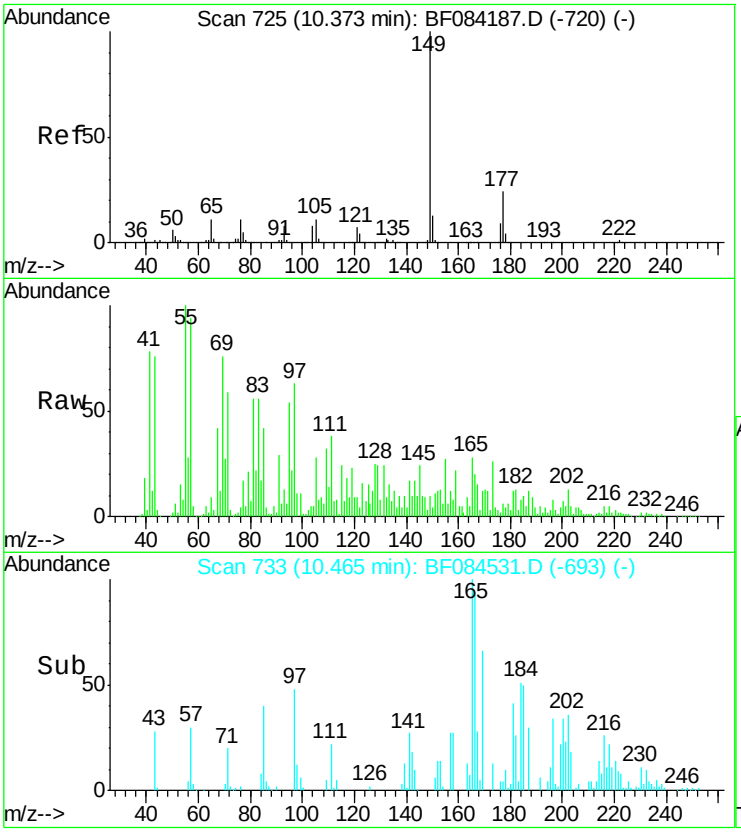


#58
2,3,4,6-Tetrachlorophenol
Concen: 10.81 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.16 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:232 Resp: 11081

Ion	Ratio	Lower	Upper
232	100		
131	0.0	47.0	70.6#
130	0.0	2.0	3.0#
166	0.0	30.5	45.7#



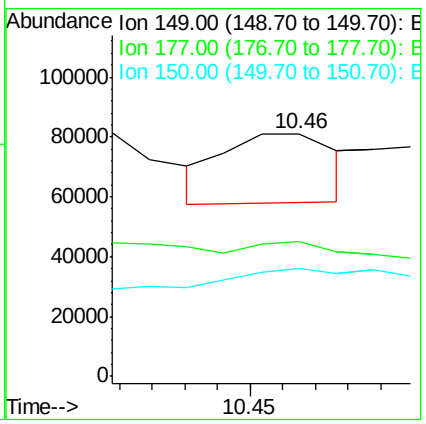


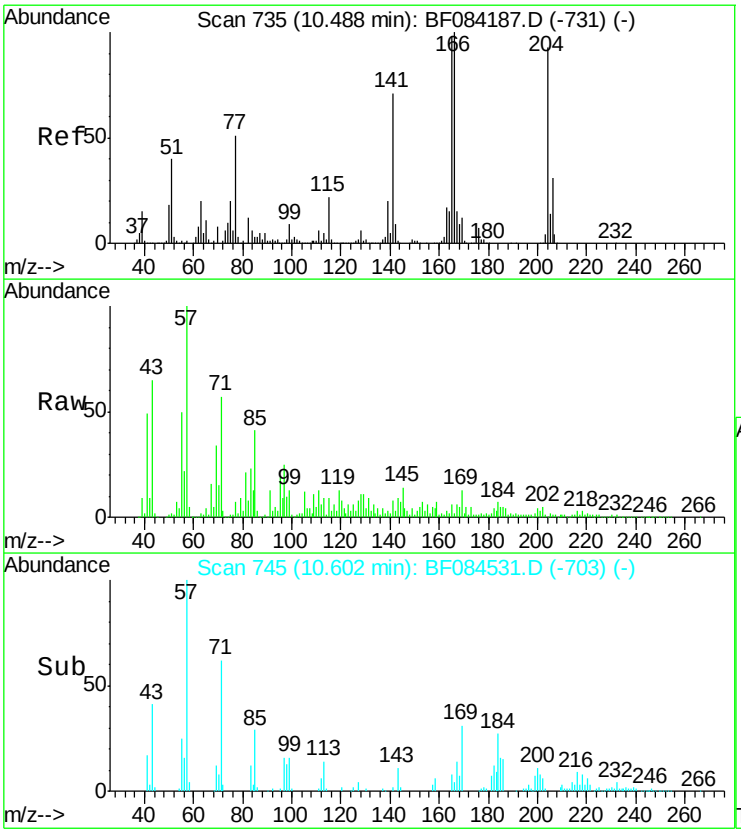
#59
Diethylphthalate
Concen: 13.47 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.16 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:149 Resp: 55267

Ion	Ratio	Lower	Upper
149	100		
177	55.5	17.3	25.9#
150	44.5	9.8	14.8#

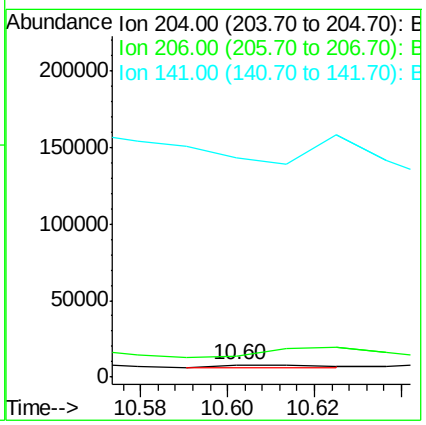


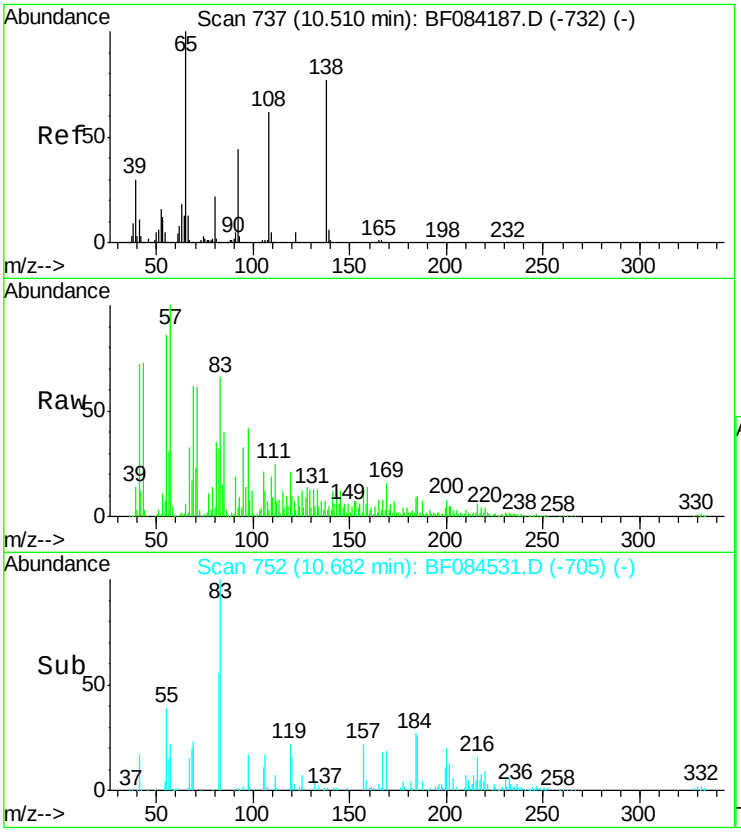


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.60 min Scan# 745
Delta R.T. 0.18 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:204 Resp: 3081

Ion	Ratio	Lower	Upper
204	100		
206	167.0	25.7	38.5#
141	1741.7	55.1	82.7#



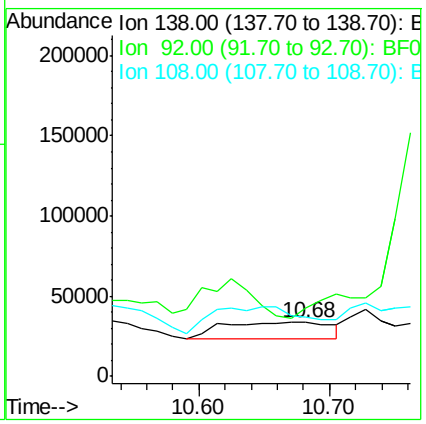


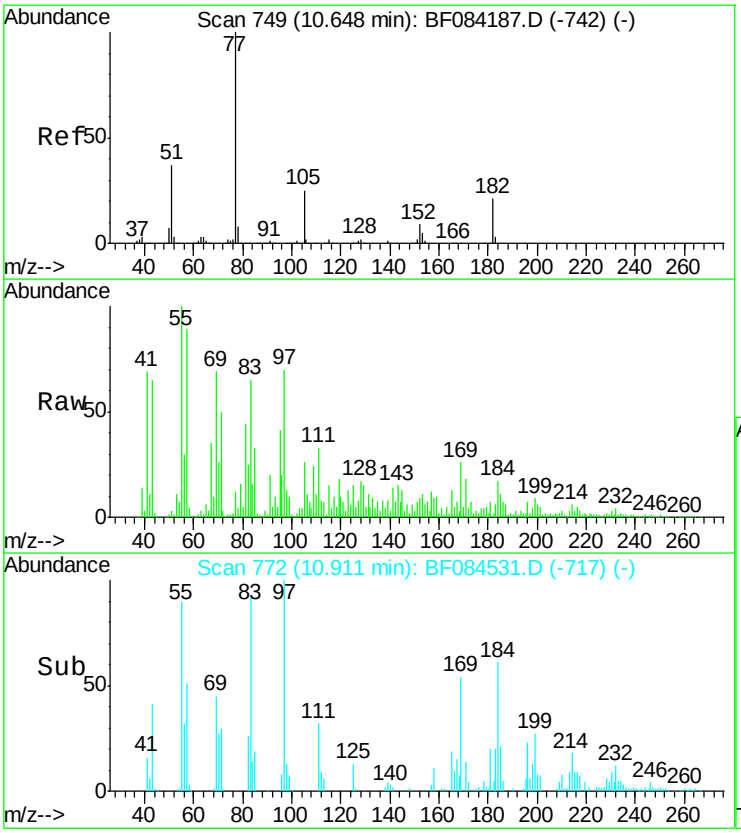
#61
4-Nitroaniline
Concen: 57.96 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.24 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:138 Resp: 58436

Ion	Ratio	Lower	Upper
138	100		
92	127.3	32.6	72.6#
108	111.0	68.6	108.6#

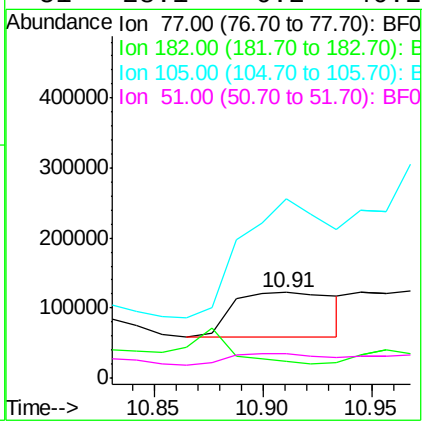


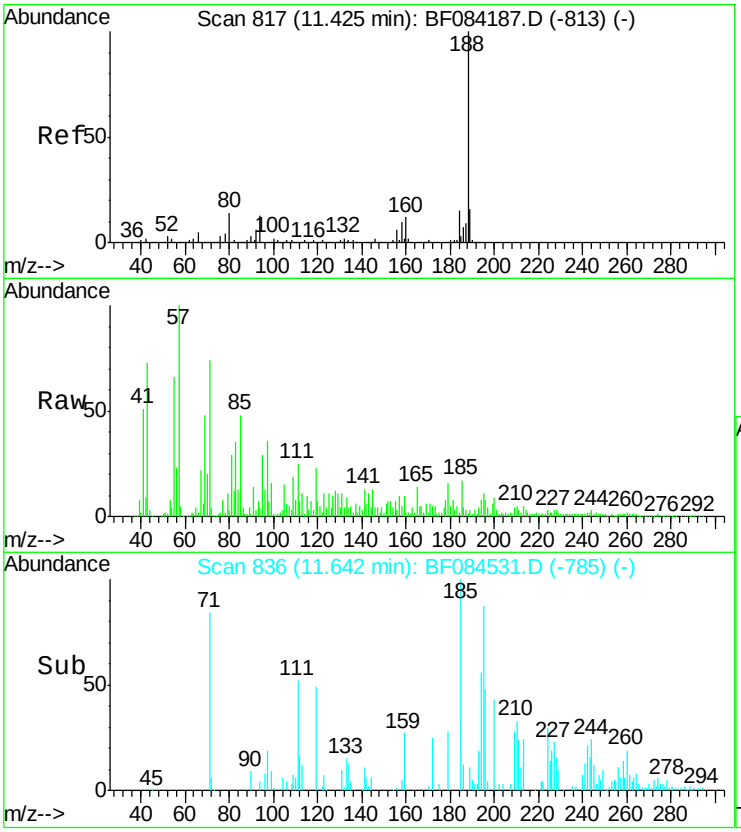


#62
Azobenzene
Concen: 46.53 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.33 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion: 77 Resp: 209415

Ion	Ratio	Lower	Upper
77	100		
182	19.0	8.3	48.3
105	209.5	4.6	44.6#
51	28.1	6.2	46.2



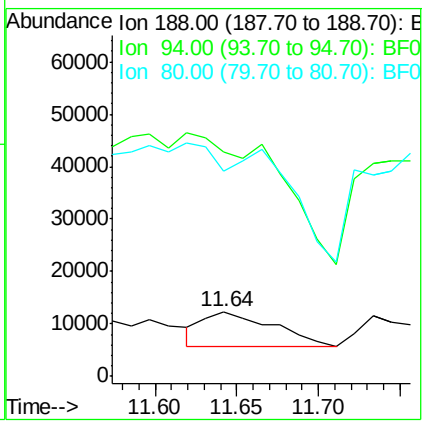


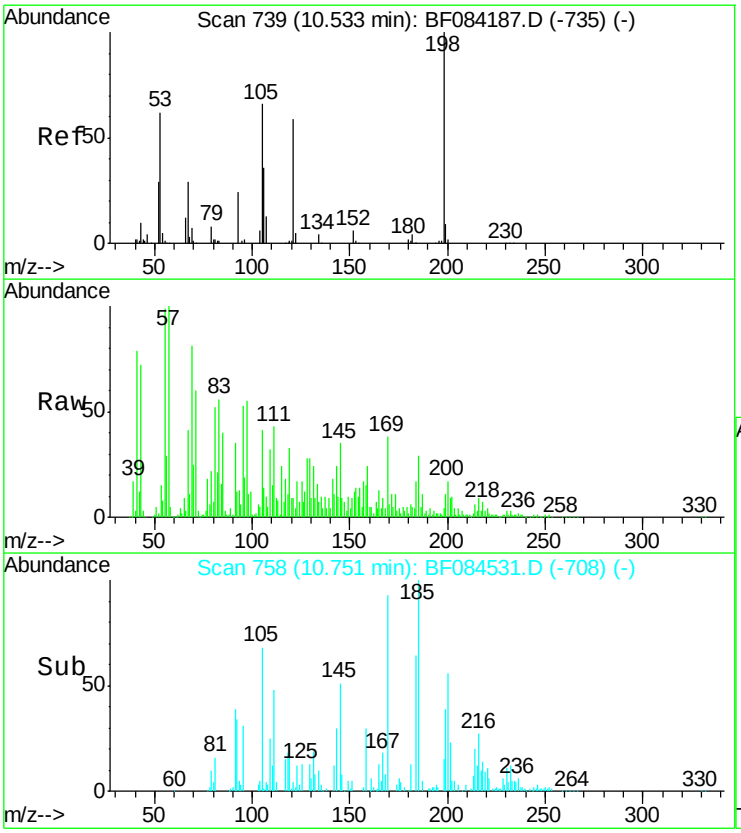
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.64 min Scan# 836
Delta R.T. 0.29 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:188 Resp: 19625

Ion	Ratio	Lower	Upper
188	100		
94	346.4	9.0	13.4#
80	316.5	9.6	14.4#

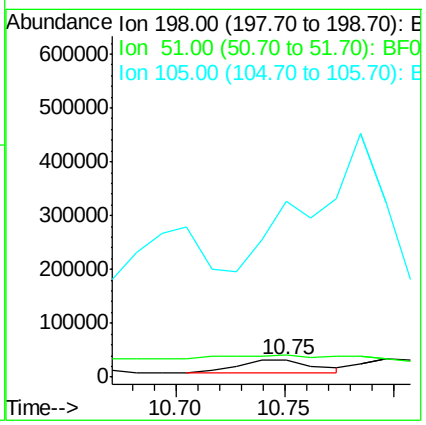


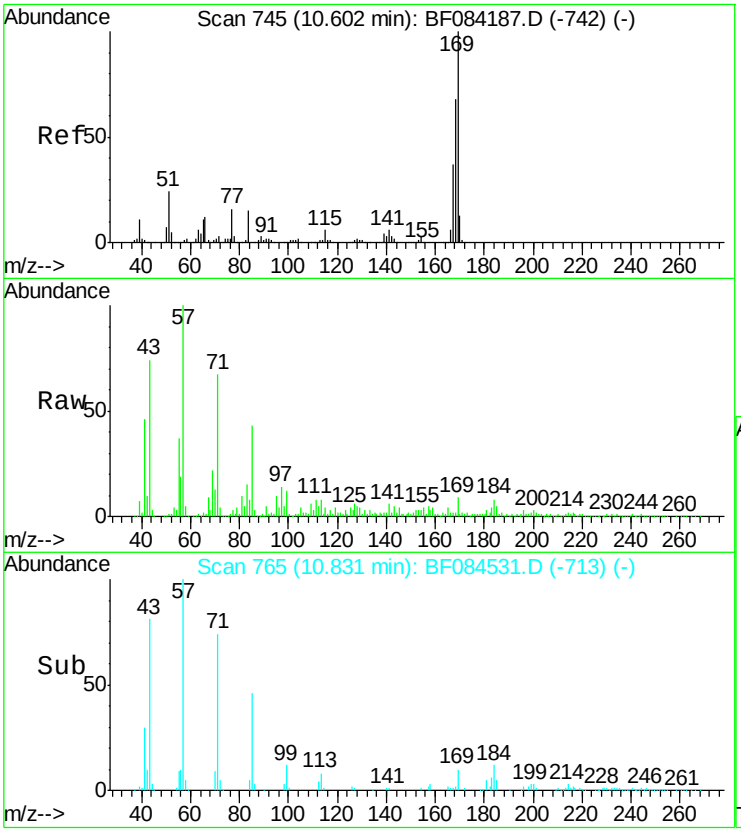


#64
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 10.75 min Scan# 758
Delta R.T. 0.27 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:198 Resp: 59622

Ion	Ratio	Lower	Upper
198	100		
51	125.3	18.9	58.9#
105	1001.8	26.4	66.4#



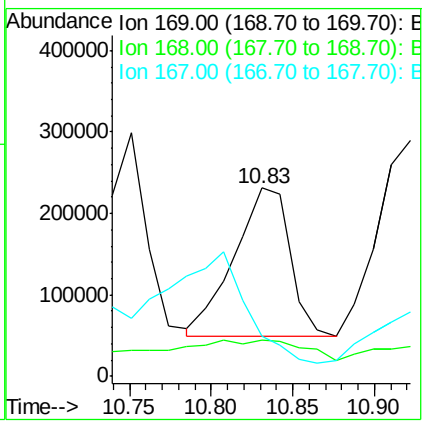


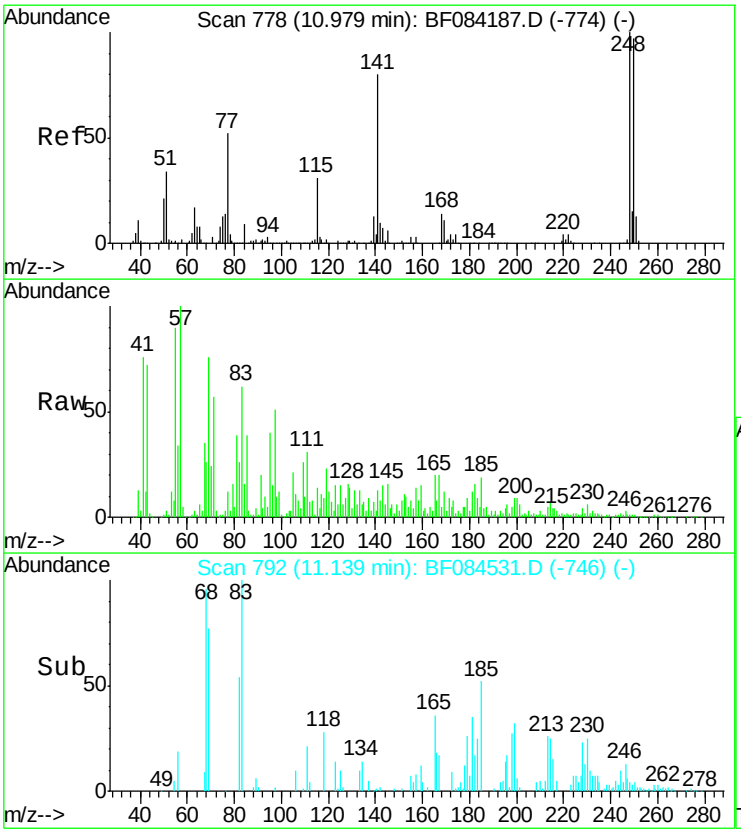
#65
n-Nitrosodiphenylamine
Concen: 687.81 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.30 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:169 Resp: 431573

Ion	Ratio	Lower	Upper
169	100		
168	19.0	55.1	82.7#
167	21.5	30.0	45.0#

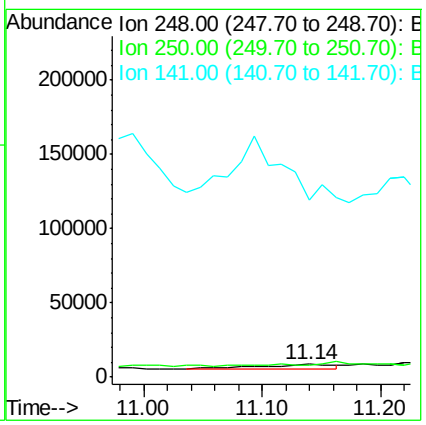


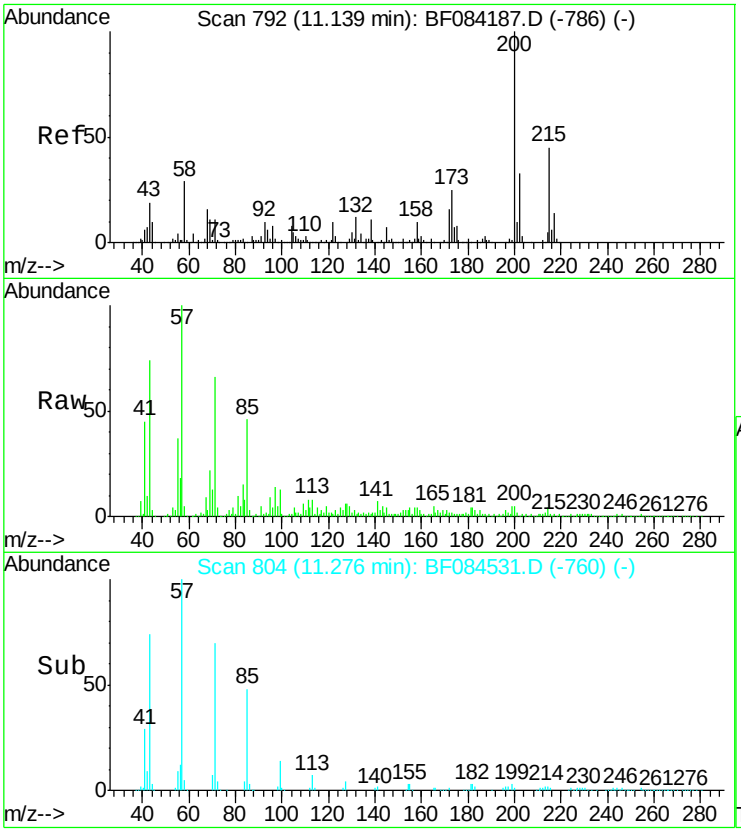


#66
4-Bromophenyl-phenylether
Concen: 56.10 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.23 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:248 Resp: 11849

Ion	Ratio	Lower	Upper
248	100		
250	92.4	78.4	117.6
141	1383.5	44.0	66.0#



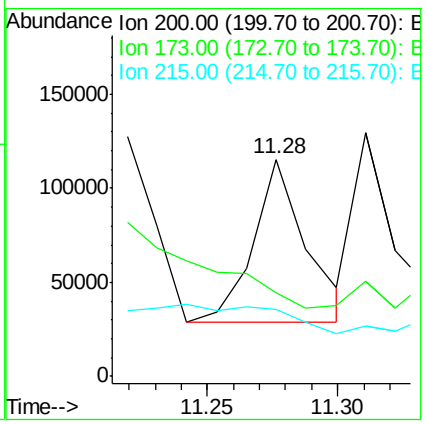


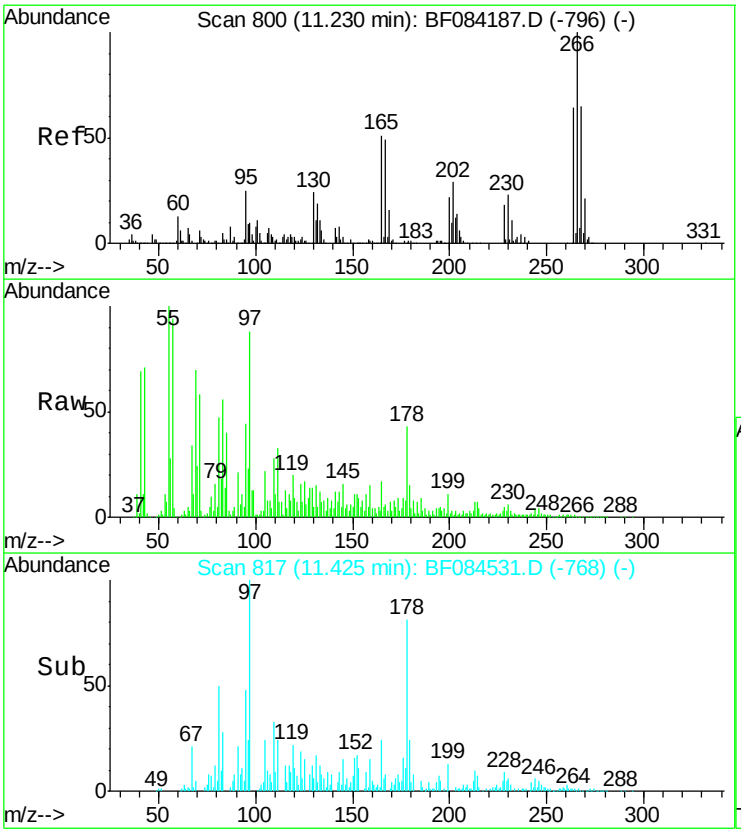
#68
Atrazine
Concen: 588.83 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.21 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:200 Resp: 120909

Ion	Ratio	Lower	Upper
200	100		
173	38.5	9.5	49.5
215	30.5	23.8	63.8

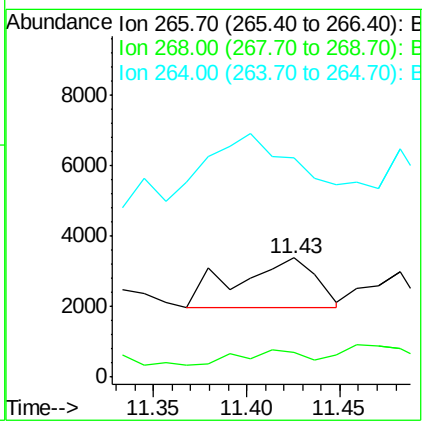


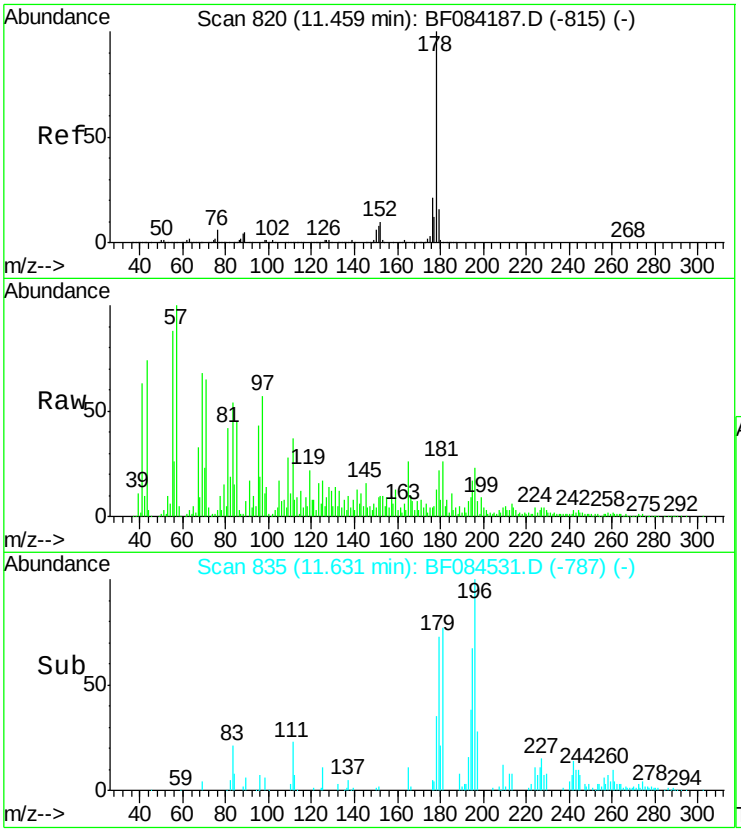


#69
Pentachlorophenol
Concen: 33.60 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.26 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:266 Resp: 4142

Ion	Ratio	Lower	Upper
266	100		
268	20.9	52.4	78.6#
264	183.5	50.2	75.2#



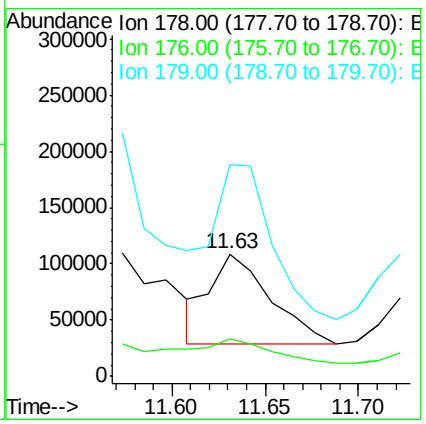


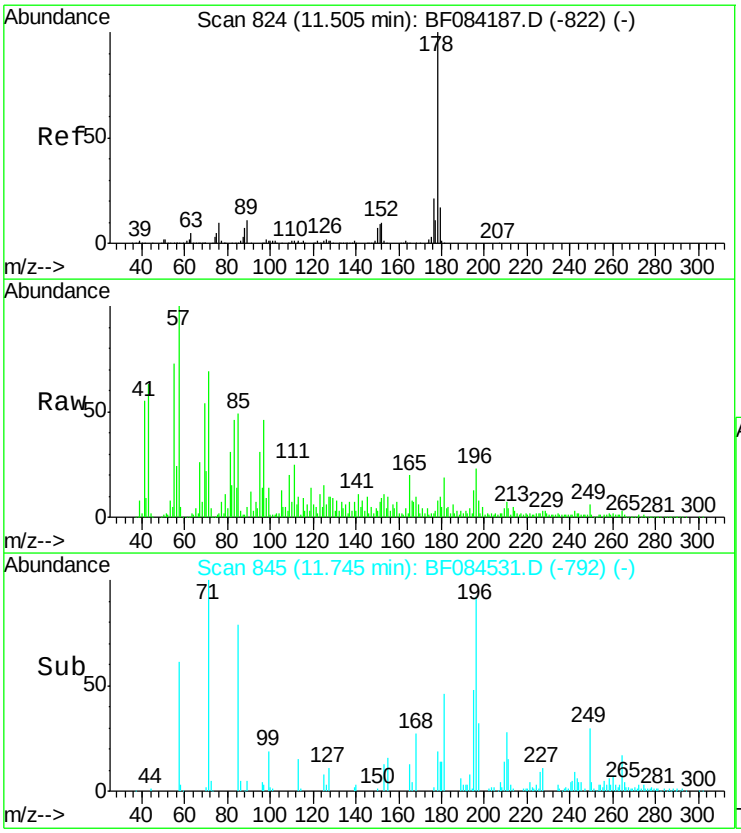
#70
Phenanthrene
Concen: 176.05 ng
RT: 11.63 min Scan# 835
Delta R.T. 0.25 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:178 Resp: 180727

Ion	Ratio	Lower	Upper
178	100		
176	30.1	15.3	22.9#
179	172.8	12.0	18.0#

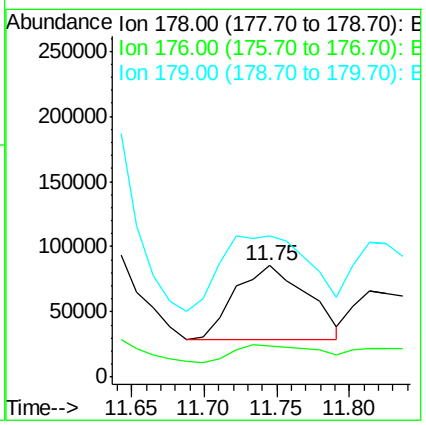


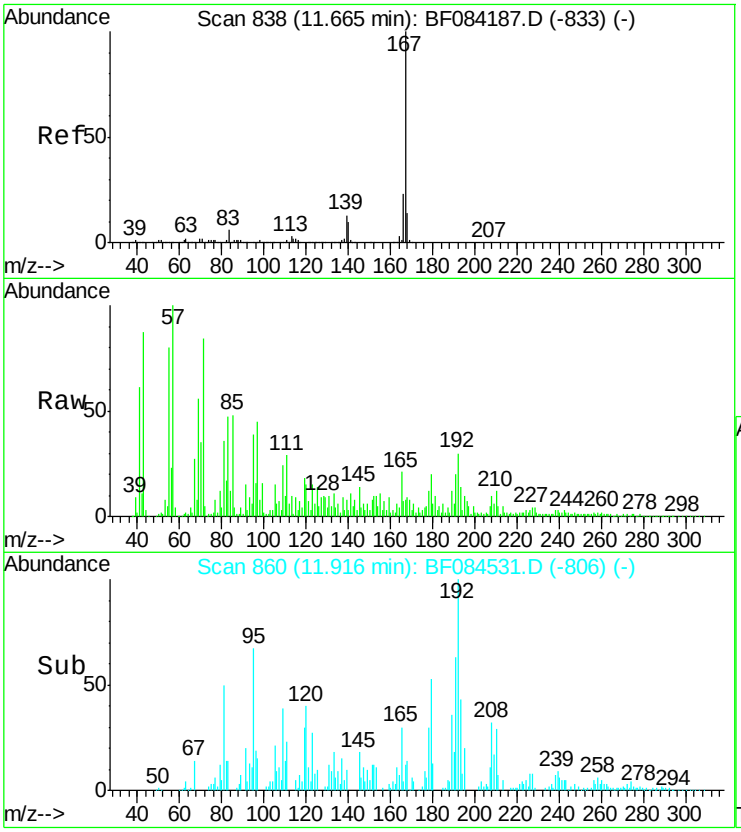


#71
Anthracene
Concen: 196.58 ng
RT: 11.75 min Scan# 845
Delta R.T. 0.31 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:178 Resp: 197817

Ion	Ratio	Lower	Upper
178	100		
176	28.3	15.4	23.0#
179	126.6	12.5	18.7#



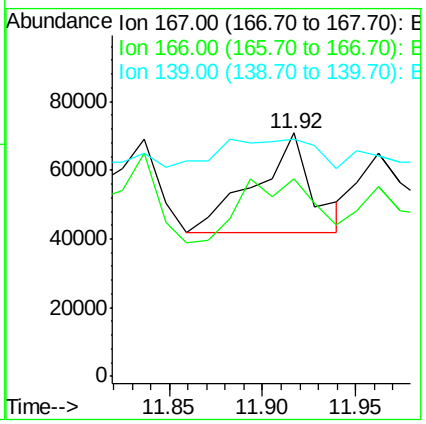


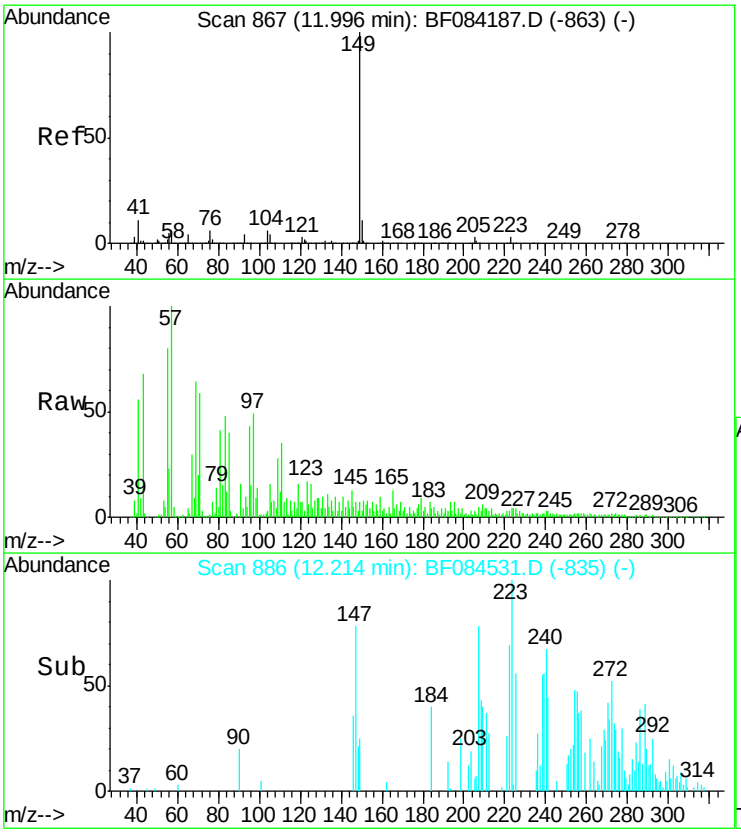
#72
Carbazole
Concen: 62.40 ng
RT: 11.92 min Scan# 860
Delta R.T. 0.32 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:167 Resp: 61392

Ion	Ratio	Lower	Upper
167	100		
166	81.1	17.6	26.4#
139	97.3	11.8	17.8#

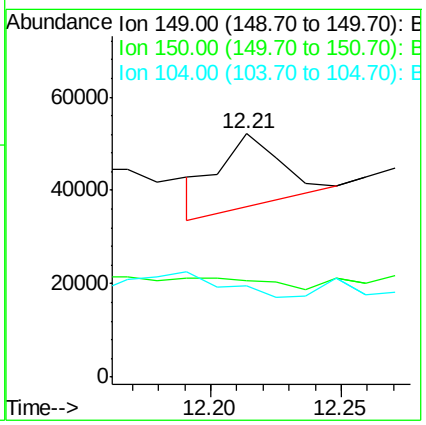


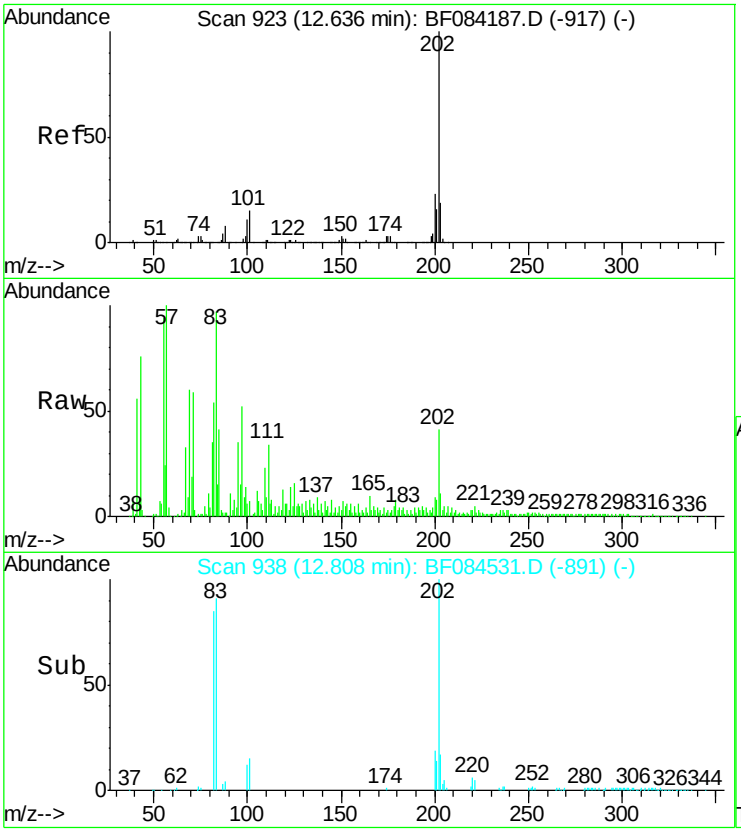


#73
Di-n-butylphthalate
Concen: 21.59 ng
RT: 12.21 min Scan# 886
Delta R.T. 0.29 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:149 Resp: 26631

Ion	Ratio	Lower	Upper
149	100		
150	39.4	7.1	10.7#
104	37.3	3.2	4.8#



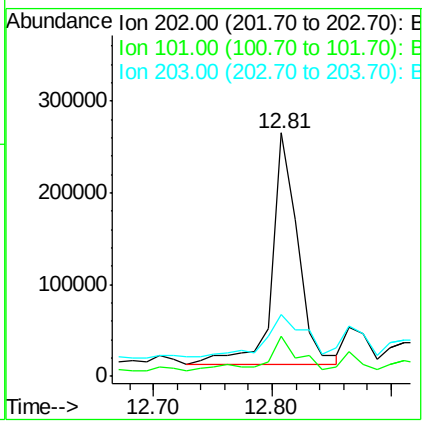


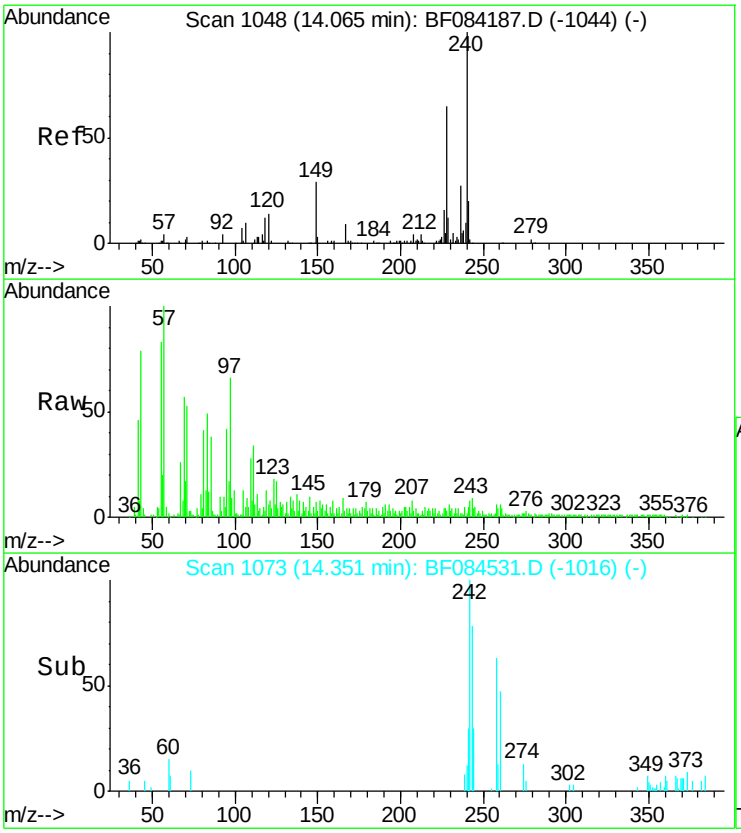
#74
Fluoranthene
Concen: 351.60 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.24 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:202 Resp: 377049

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	32.8
203	25.7	0.0	37.9

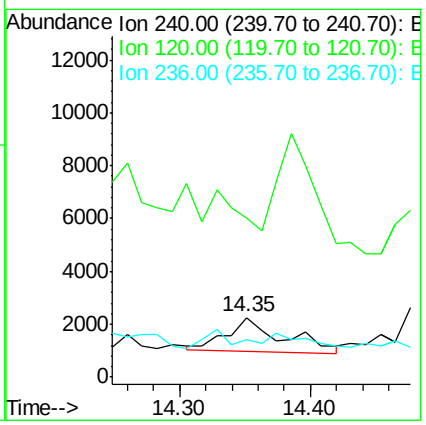


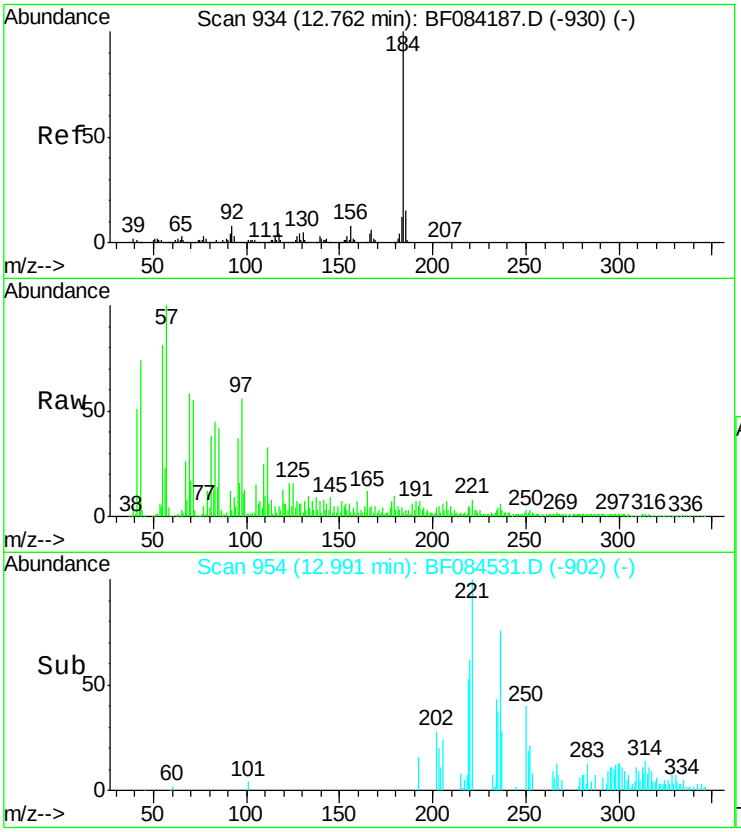


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.35 min Scan# 1073
Delta R.T. 0.35 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:240 Resp: 3932

Ion	Ratio	Lower	Upper
240	100		
120	266.1	9.5	14.3#
236	63.1	20.6	31.0#



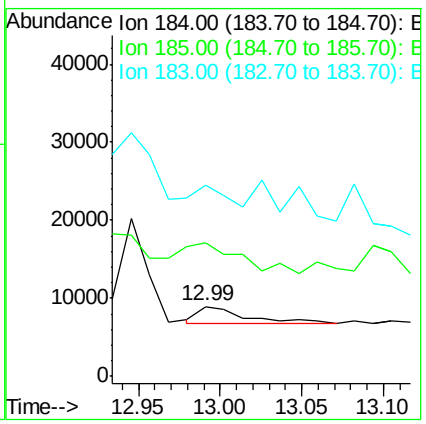


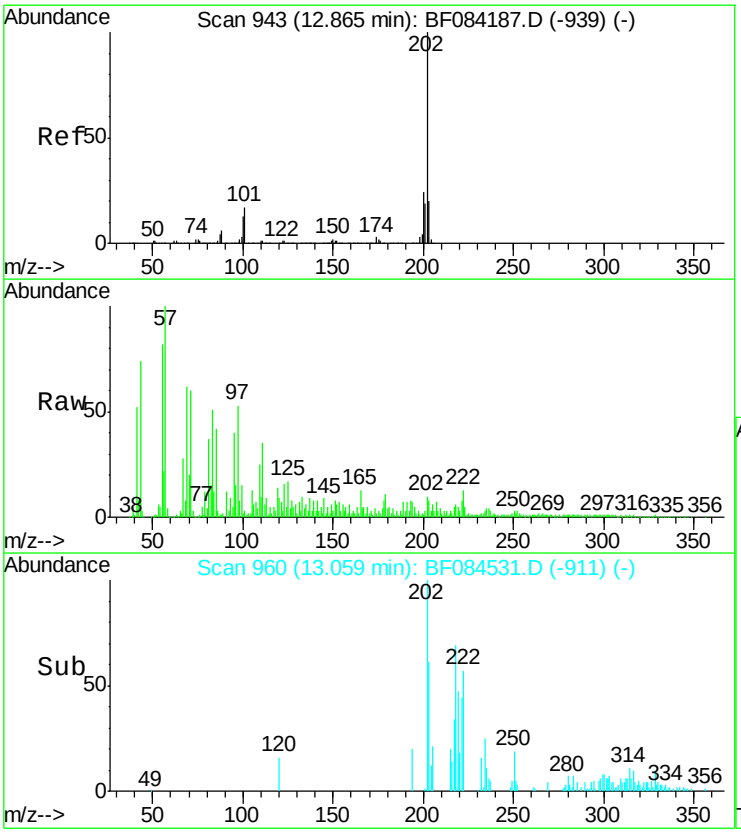
#76
Benzidine
Concen: 29.21 ng
RT: 12.99 min Scan# 954
Delta R.T. 0.30 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:184 Resp: 4118

Ion	Ratio	Lower	Upper
184	100		
185	189.9	12.2	18.2#
183	273.6	9.8	14.8#

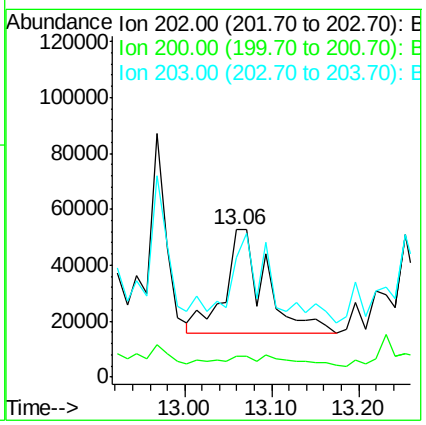


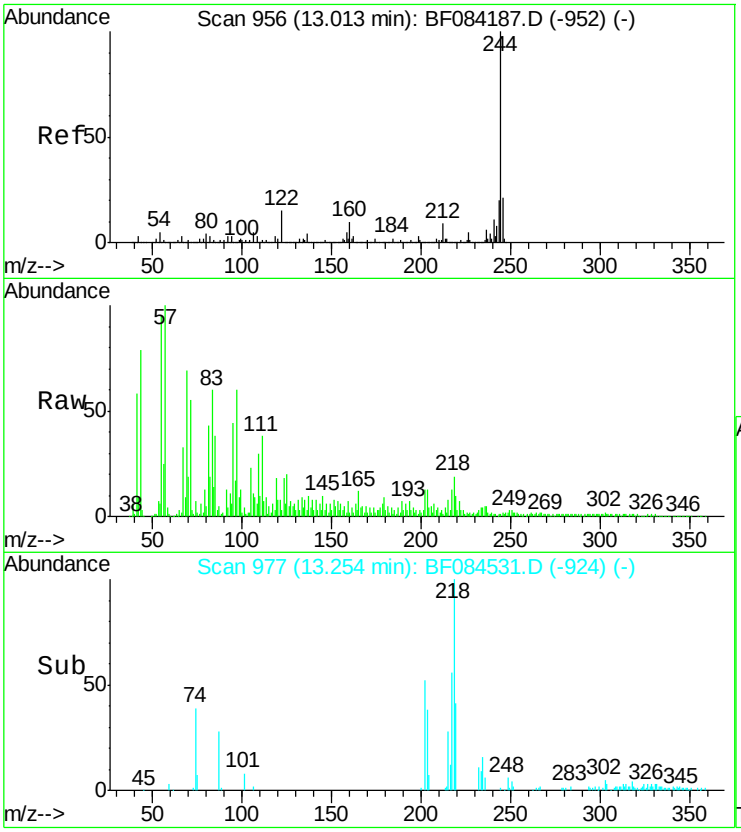


#77
Pyrene
Concen: 400.14 ng
RT: 13.06 min Scan# 960
Delta R.T. 0.26 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:202 Resp: 123465

Ion	Ratio	Lower	Upper
202	100		
200	14.3	17.2	25.8#
203	81.0	14.3	21.5#



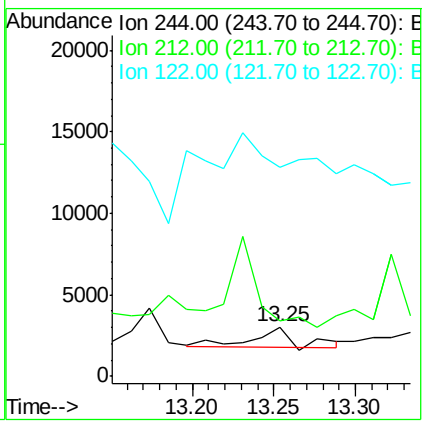


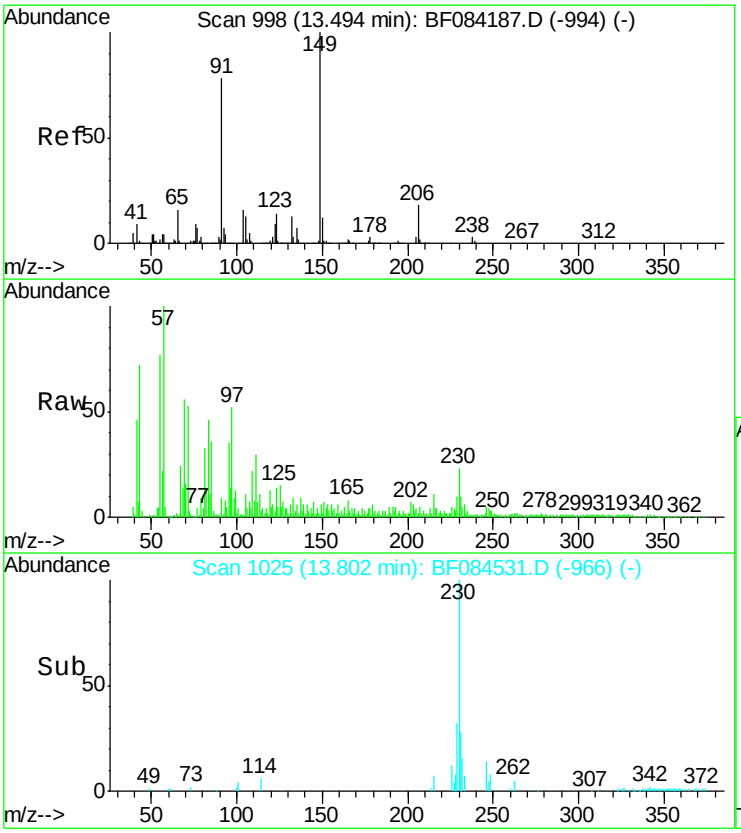
#78
Terphenyl-d14
Concen: 12.56 ng
RT: 13.25 min Scan# 977
Delta R.T. 0.31 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:244 Resp: 2213

Ion	Ratio	Lower	Upper
244	100		
212	112.1	5.7	8.5#
122	423.3	7.4	11.0#

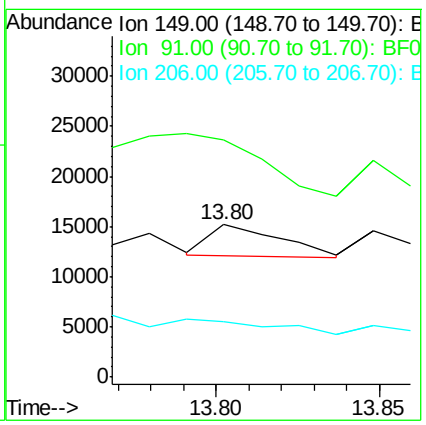


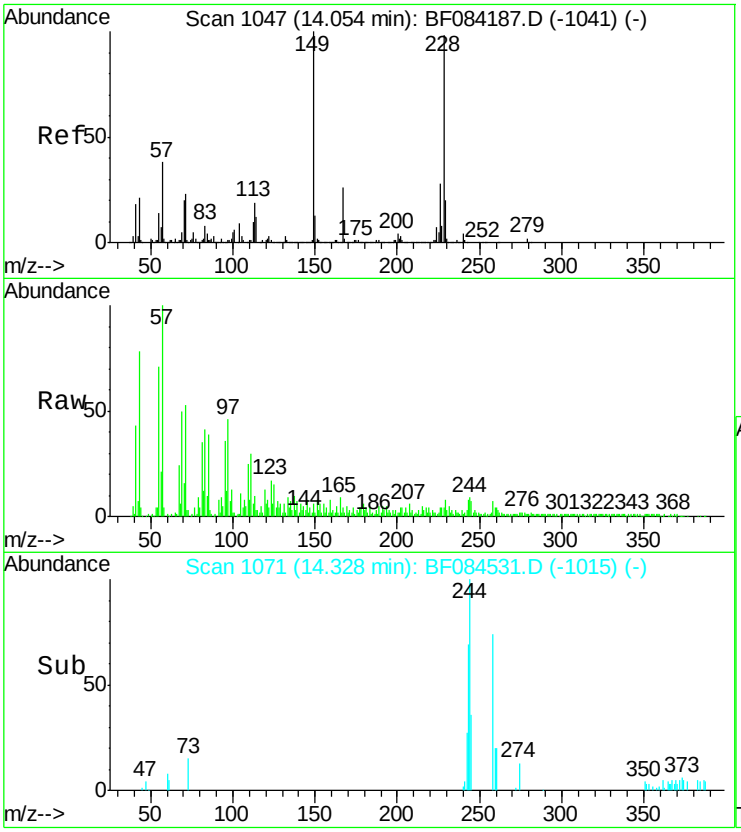


#79
Butylbenzylphthalate
Concen: 35.86 ng
RT: 13.80 min Scan# 1025
Delta R.T. 0.38 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:149 Resp: 4788

Ion	Ratio	Lower	Upper
149	100		
91	155.3	57.6	86.4#
206	36.2	13.2	19.8#



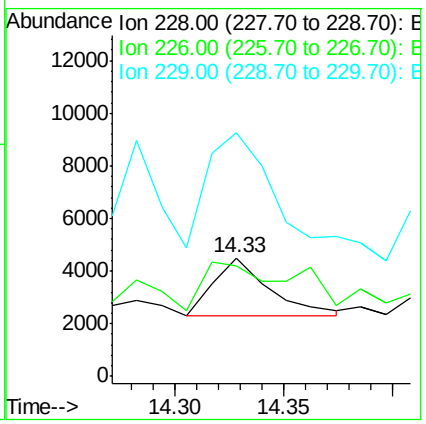


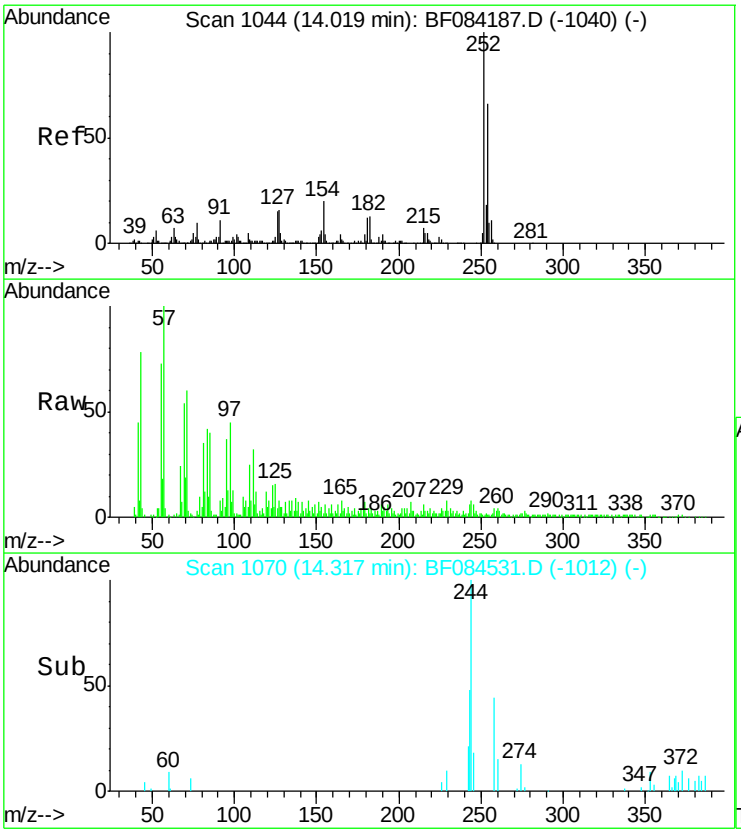
#80
Benzo(a)anthracene
Concen: 16.64 ng
RT: 14.33 min Scan# 1071
Delta R.T. 0.34 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:228 Resp: 3842

Ion	Ratio	Lower	Upper
228	100		
226	93.7	21.8	32.6#
229	205.8	15.8	23.8#

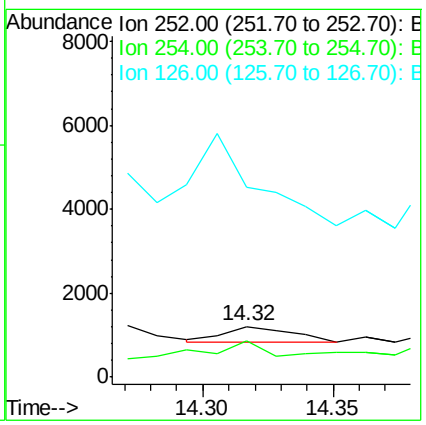


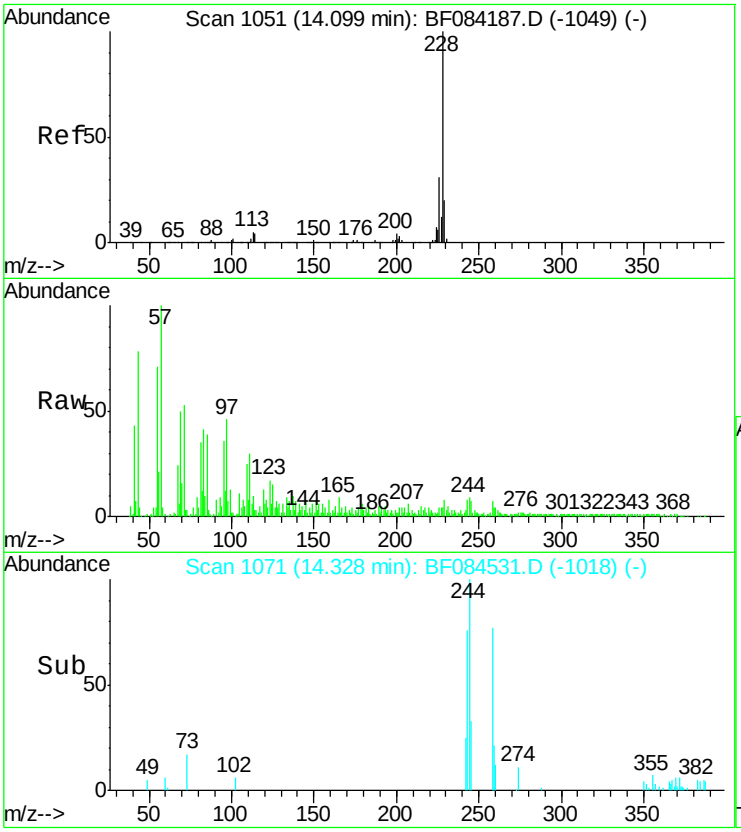


#81
3,3'-Dichlorobenzidine
Concen: 8.61 ng
RT: 14.32 min Scan# 1070
Delta R.T. 0.37 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:252 Resp: 694

Ion	Ratio	Lower	Upper
252	100		
254	72.5	53.5	80.3
126	373.7	4.9	7.3#



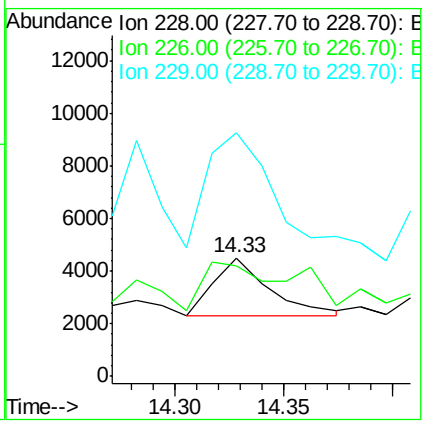


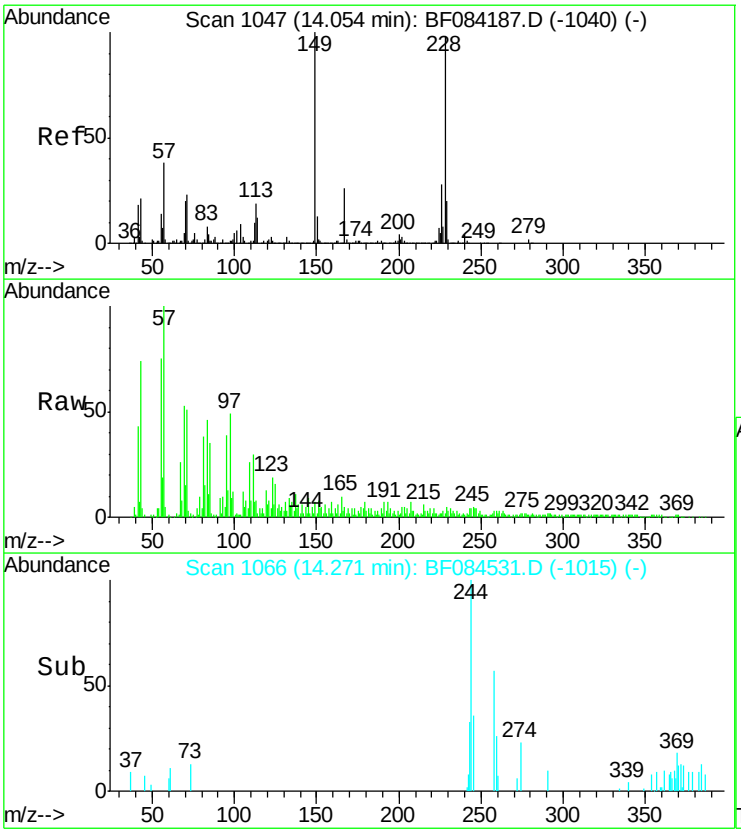
#82
Chrysene
Concen: 17.32 ng
RT: 14.33 min Scan# 1071
Delta R.T. 0.31 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:228 Resp: 3842

Ion	Ratio	Lower	Upper
228	100		
226	93.7	24.3	36.5#
229	205.8	16.1	24.1#

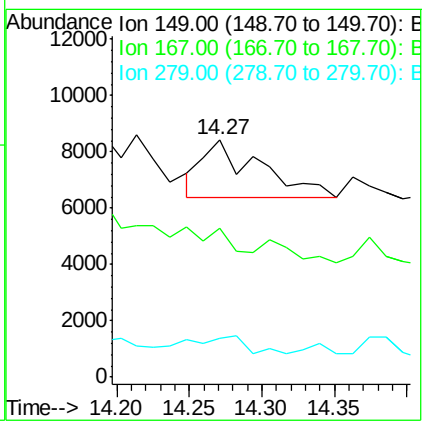


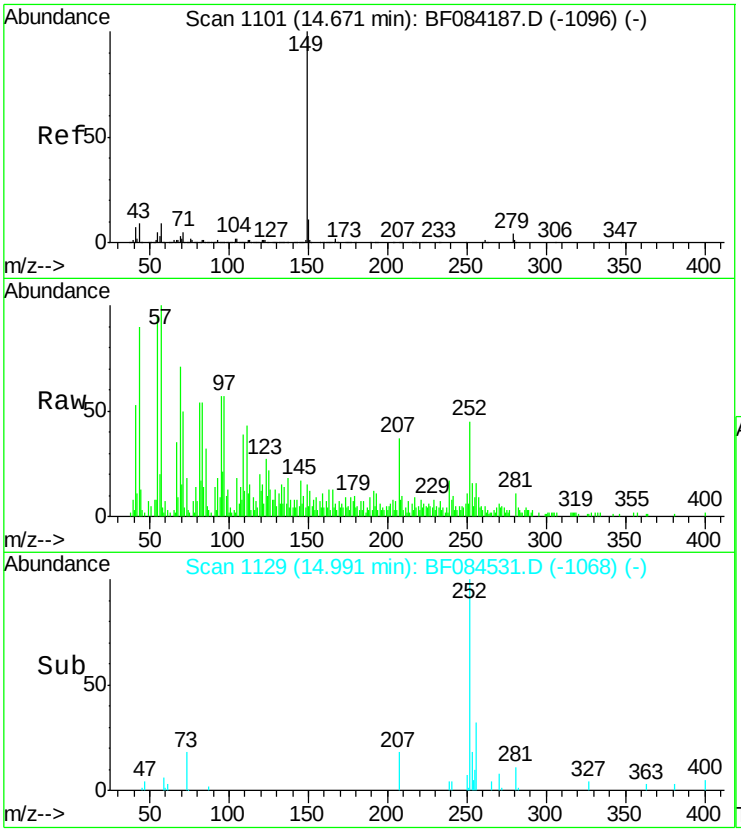


#83
Bis(2-ethylhexyl)phthalate
Concen: 32.76 ng
RT: 14.27 min Scan# 1066
Delta R.T. 0.29 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:149 Resp: 5527

Ion	Ratio	Lower	Upper
149	100		
167	62.7	19.7	29.5#
279	16.2	1.8	2.6#



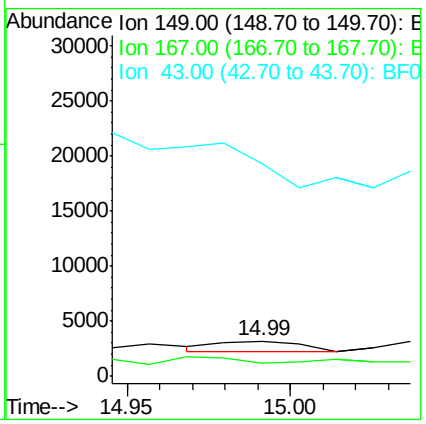


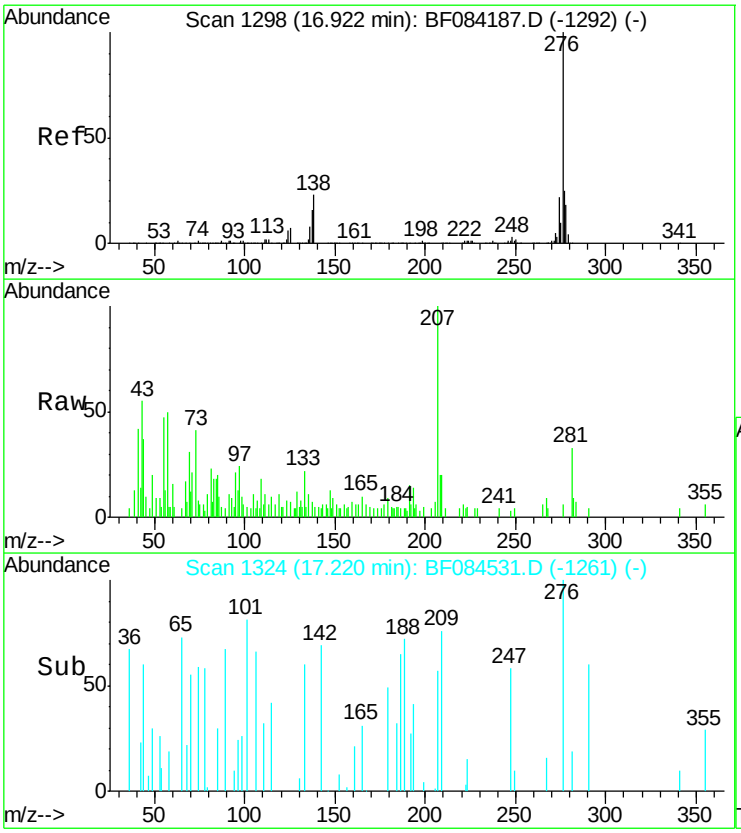
#84
Di-n-octyl phthalate
Concen: 5.86 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.40 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:149 Resp: 1668

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	5.6	8.4#

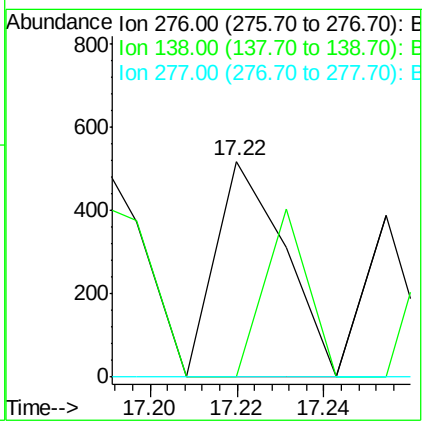


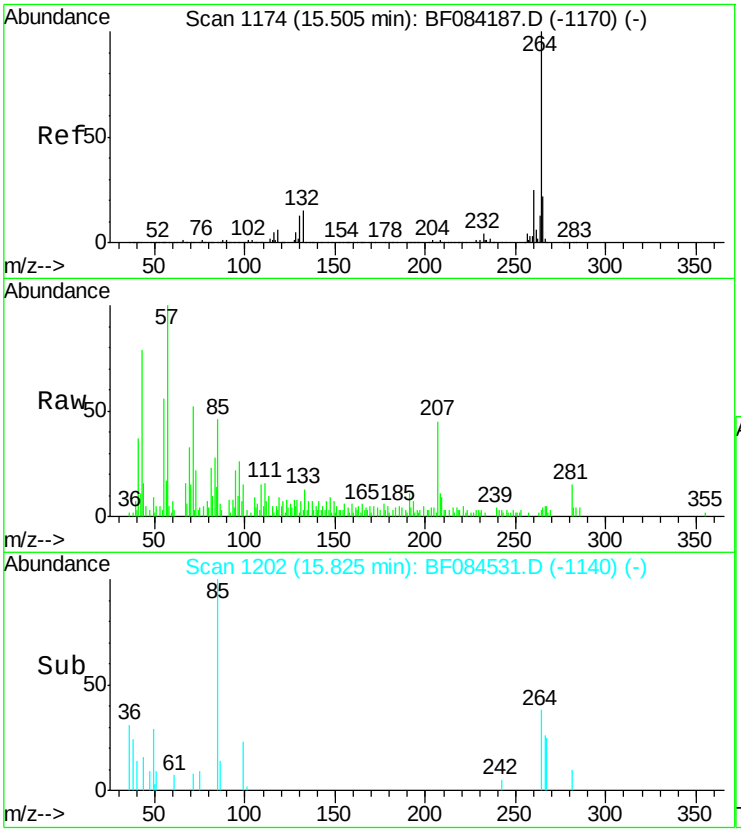


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.24 ng
RT: 17.22 min Scan# 1324
Delta R.T. 0.42 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:276 Resp: 569

Ion	Ratio	Lower	Upper
276	100		
138	48.7	20.6	30.8#
277	0.0	20.1	30.1#



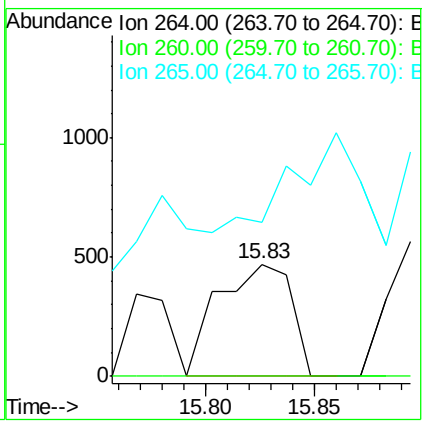


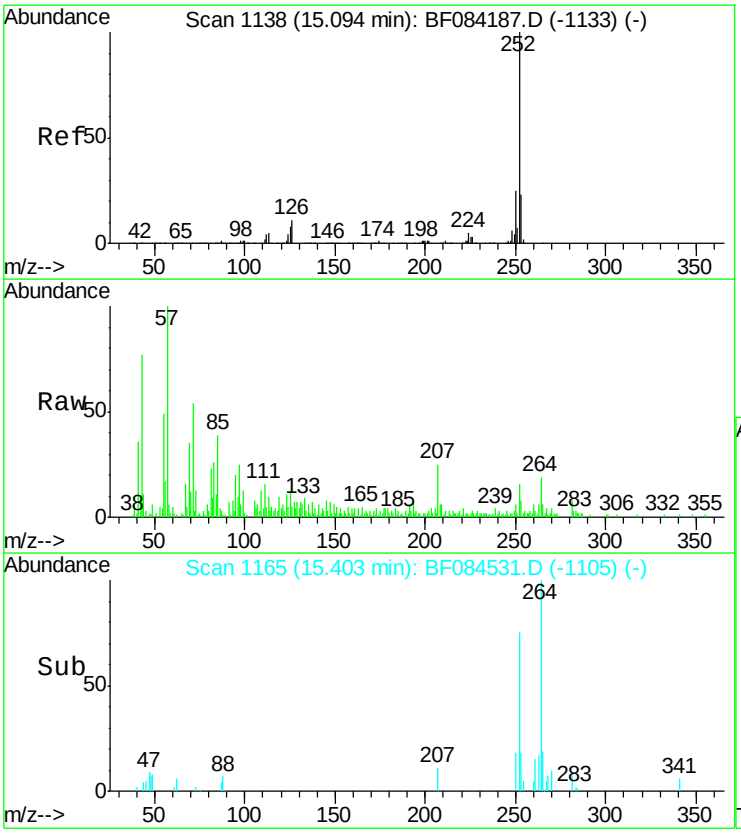
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1202
Delta R.T. 0.41 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:264 Resp: 1102

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	136.8	17.8	26.6#

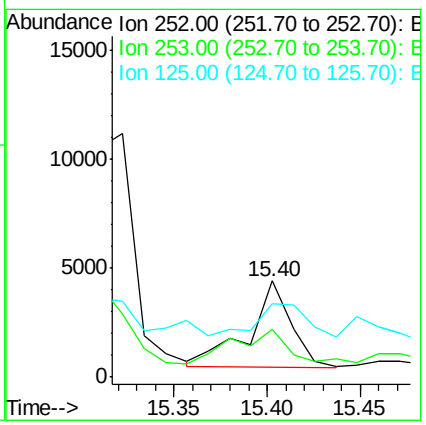


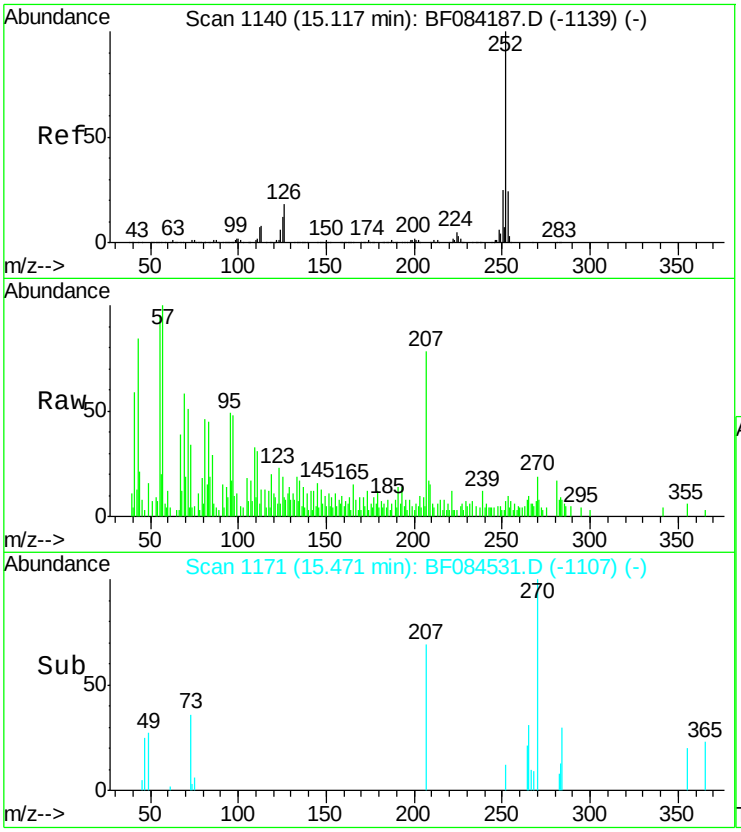


#87
Benzo(b)fluoranthene
Concen: 87.37 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.39 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:252 Resp: 6298

Ion	Ratio	Lower	Upper
252	100		
253	50.1	17.3	25.9#
125	76.8	6.5	9.7#



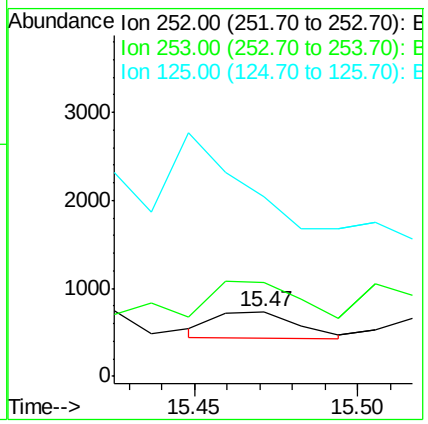


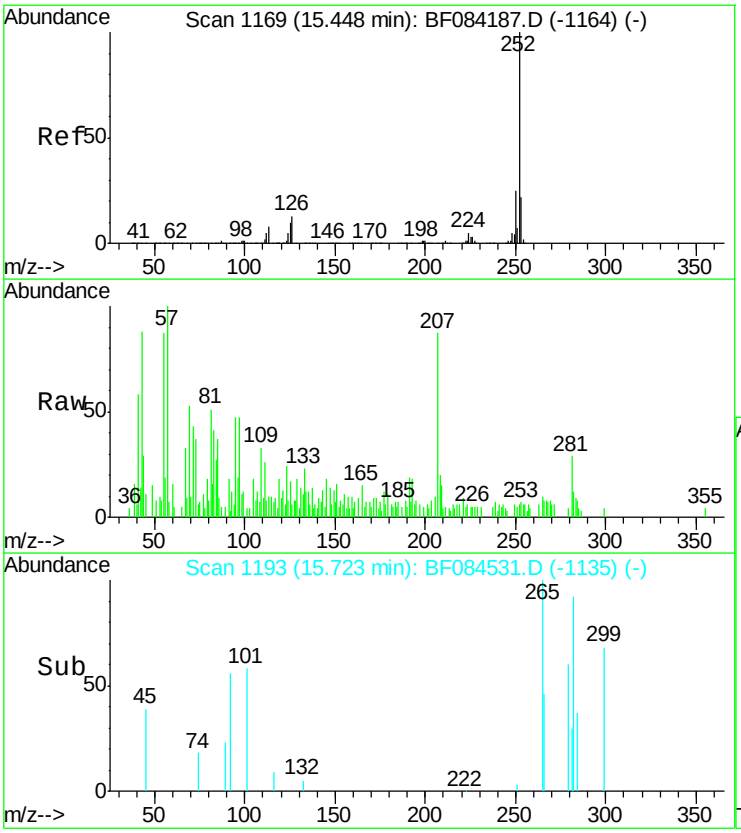
#88
Benzo(k)fluoranthene
Concen: 8.80 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.43 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:252 Resp: 519

Ion	Ratio	Lower	Upper
252	100		
253	145.4	18.1	27.1#
125	279.4	9.0	13.6#

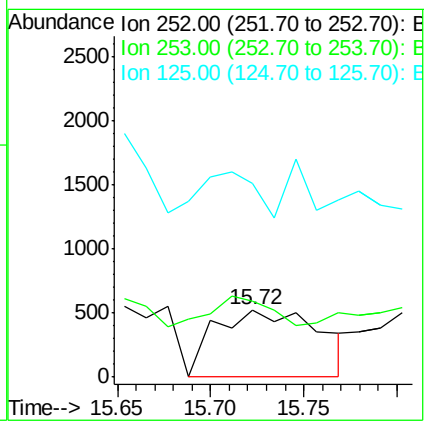


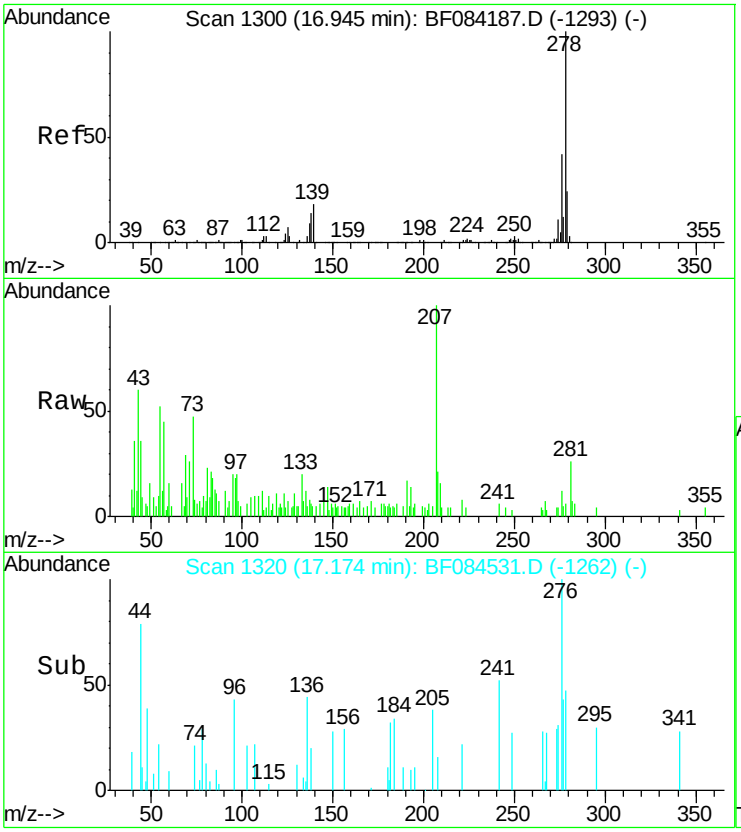


#89
Benzo(a)pyrene
Concen: 33.28 ng
RT: 15.72 min Scan# 1193
Delta R.T. 0.37 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:252 Resp: 2035

Ion	Ratio	Lower	Upper
252	100		
253	112.4	17.3	25.9#
125	289.3	7.0	10.4#





#90
Dibenzo(a,h)anthracene
Concen: 26.40 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.37 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tgt Ion:278 Resp: 1389

Ion	Ratio	Lower	Upper
278	100		
139	82.0	15.0	22.4#
279	0.0	18.9	28.3#