Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115508.D
Acq On : 11 Jul 2019 21:35
Operator : HP/JU
Sample : K3751-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-TEST-PITMS

Quant Time: Jul 12 03:15:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138895	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	550586	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	281698	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	581652	20.00	ng		0.00
76) Chrysene-d12	14.06	240	434917	20.00	ng		-0.01
87) Perylene-d12	15.53	264	431672	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1016507	113.07	ng		0.00
7) Phenol-d6	6.52	99	1342574	117.43	ng		0.00
23) Nitrobenzene-d5	7.46	82	833731	89.47	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	417276	133.97	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1484941	92.50	ng		0.00
79) Terphenyl-d14	13.00	244	1825085	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	135945	30.830	ng		99
3) Pyridine	3.49	79	166990	13.696	ng		98
4) n-Nitrosodimethylamine	3.42	42	145241	29.375	ng		100
6) Aniline	6.56	93	343912	21.316	ng		99
8) 2-Chlorophenol	6.68	128	369372	36.388	ng		97
9) Benzaldehyde	6.44	77	198691	28.239	ng		99
10) Phenol	6.53	94	478950	35.012	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	344189	33.917	ng		98
12) 1,3-Dichlorobenzene	6.84	146	393685	35.400	ng		98
13) 1,4-Dichlorobenzene	6.91	146	399935	35.902	ng		99
14) 1,2-Dichlorobenzene	7.07	146	376396	36.495	ng		98
15) Benzyl Alcohol	7.03	79	330999	36.078	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	455545	32.104	ng		99
17) 2-Methylphenol	7.14	107	316835	36.433	ng		100
18) Hexachloroethane	7.41	117	143597	34.603	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	256165	33.118	ng		96
20) 3+4-Methylphenols	7.29	107	387274	37.701	ng		97
22) Acetophenone	7.30	105	505220	38.294	ng	#	99
24) Nitrobenzene	7.47	77	397978	37.815	ng		99
25) Isophorone	7.71	82	720263	35.659	ng		98
26) 2-Nitrophenol	7.79	139	203066	46.933	ng		94
27) 2,4-Dimethylphenol	7.83	122	330361	40.042	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	441582	35.453	ng		99
29) 2,4-Dichlorophenol	8.03	162	326011	39.673	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	351890	38.465	ng		98
31) Naphthalene	8.20	128	1067798	39.045	ng		100
32) Benzoic acid	7.91	122	91108	19.292	ng		98
33) 4-Chloroaniline	8.24	127	173240	14.198	ng		97
34) Hexachlorobutadiene	8.32	225	194636	37.516	ng		100
35) Caprolactam	8.60	113	60781	22.710	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	346720	39.890	ng		97
37) 2-Methylnaphthalene	8.89	142	722119	39.505	ng		99
38) 1-Methylnaphthalene	8.99	142	676568	38.792	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	323489	39.917	ng		99

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Operator : HP/JU
Sample : K3751-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-TEST-PITMS

Quant Time: Jul 12 03:15:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	351553	74.845 ng	99
43) 2,4,6-Trichlorophenol	9.17	196	235302	39.882 ng	96
44) 2,4,5-Trichlorophenol	9.20	196	251813	41.160 ng	96
46) 1,1'-Biphenyl	9.36	154	890177	40.196 ng	98
47) 2-Chloronaphthalene	9.38	162	709630	38.771 ng	99
48) 2-Nitroaniline	9.47	65	213668	39.734 ng	99
49) Acenaphthylene	9.80	152	1087423	39.241 ng	98
50) Dimethylphthalate	9.65	163	1081987	51.174 ng	100
51) 2,6-Dinitrotoluene	9.71	165	193772	42.257 ng	99
52) Acenaphthene	9.97	154	732405	41.995 ng	99
53) 3-Nitroaniline	9.87	138	156872	29.455 ng	96
54) 2,4-Dinitrophenol	9.98	184	139392	71.614 ng	88
55) Dibenzofuran	10.14	168	989143	40.262 ng	99
56) 4-Nitrophenol	10.04	139	359420	87.227 ng	95
57) 2,4-Dinitrotoluene	10.12	165	260449	44.692 ng	89
58) Fluorene	10.48	166	736824	38.046 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	218228	41.292 ng	100
60) Diethylphthalate	10.36	149	803043	38.587 ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	372734	39.433 ng	94
62) 4-Nitroaniline	10.49	138	219908	42.066 ng	99
63) Azobenzene	10.63	77	790853	36.865 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	127743	46.216 ng	99
66) n-Nitrosodiphenylamine	10.59	169	690212	37.661 ng	99
67) 4-Bromophenyl-phenylether	10.96	248	240983	36.923 ng	98
68) Hexachlorobenzene	11.03	284	272718	37.238 ng	97
69) Atrazine	11.12	200	235299	41.486 ng	100
70) Pentachlorophenol	11.22	266	327249	73.321 ng	99
71) Phenanthrene	11.45	178	1169527	38.232 ng	99
72) Anthracene	11.50	178	1225684	39.957 ng	99
73) Carbazole	11.65	167	1115967	39.766 ng	99
74) Di-n-butylphthalate	11.98	149	1277799	37.676 ng	100
75) Fluoranthene	12.63	202	1293470	40.158 ng	97
77) Benzidine	12.75	184	173860	10.251 ng	97
78) Pyrene	12.86	202	1329700	39.316 ng	99
80) Butylbenzylphthalate	13.47	149	567046	38.373 ng	98
81) Benzo(a)anthracene	14.05	228	1083752	38.891 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	310603	30.718 ng	97
83) Chrysene	14.09	228	1111729	38.828 ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	737587	40.305 ng	99
85) Di-n-octyl phthalate	14.65	149	1261478	38.721 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1135166	48.920 ng	100
88) Benzo(b)fluoranthene	15.10	252	1022362	36.376 ng	99
89) Benzo(k)fluoranthene	15.13	252	1002589	40.111 ng	99
90) Benzo(a)pyrene	15.47	252	968748	39.963 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	936084	45.189 ng	99
92) Benzo(g,h,i)perylene	17.47	276	958561	48.889 ng	99

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

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Acq On : 11 Jul 2019 21:35
Operator : HP/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Quant Time: Jul 12 03:15:09 2019
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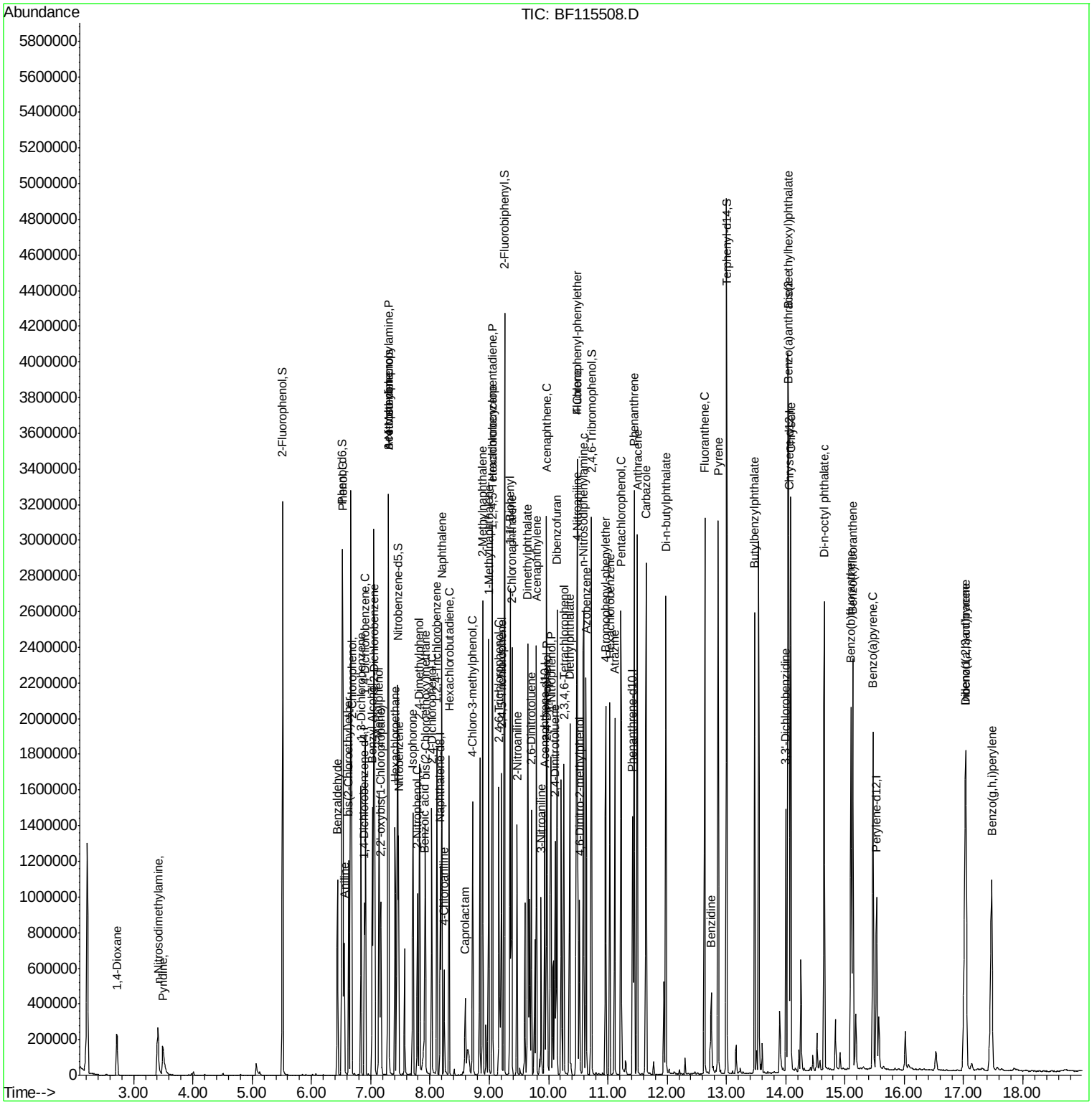
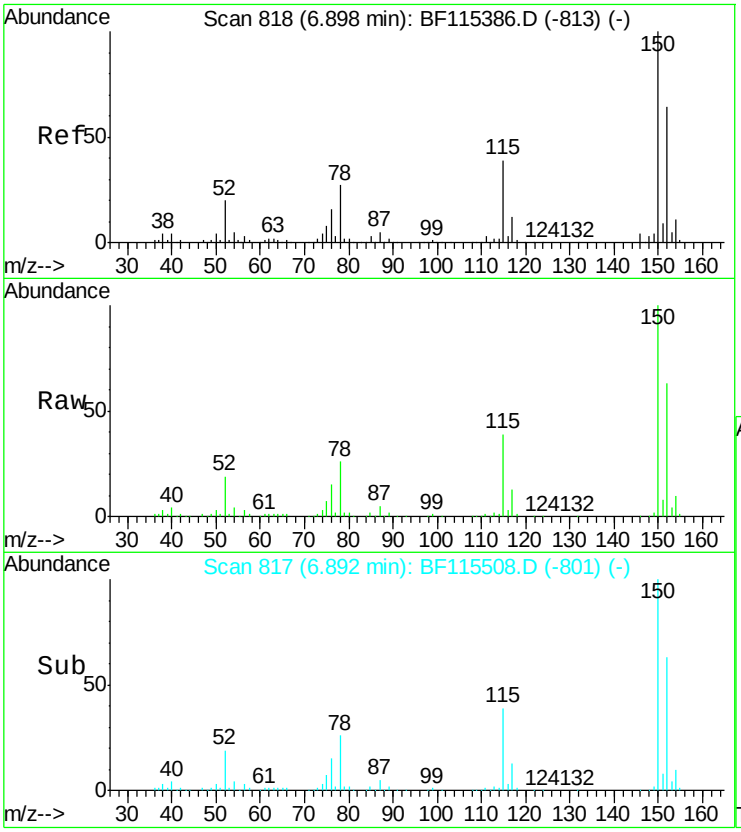
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration



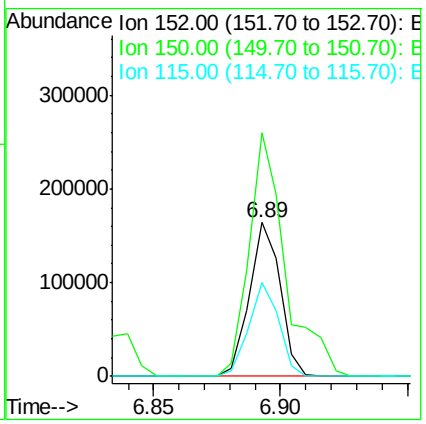


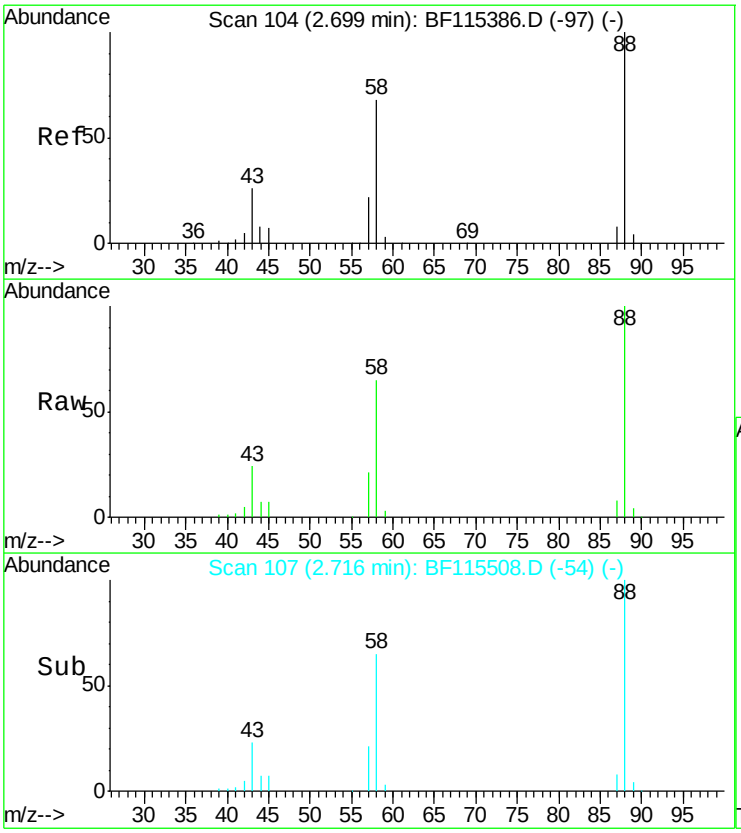
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:152 Resp: 138895

Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.2
115	61.4	46.2	69.4

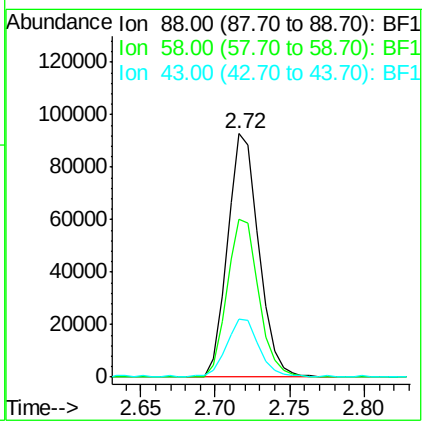


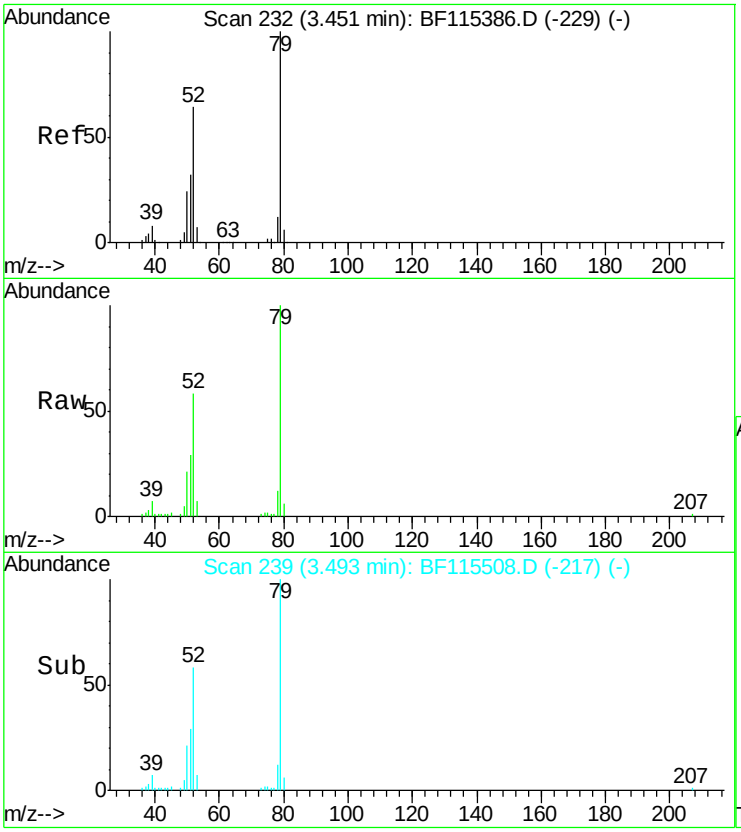


#2
1,4-Dioxane
Concen: 30.830 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 88 Resp: 135945

Ion	Ratio	Lower	Upper
88	100		
58	65.4	52.5	78.7
43	25.3	19.0	28.6



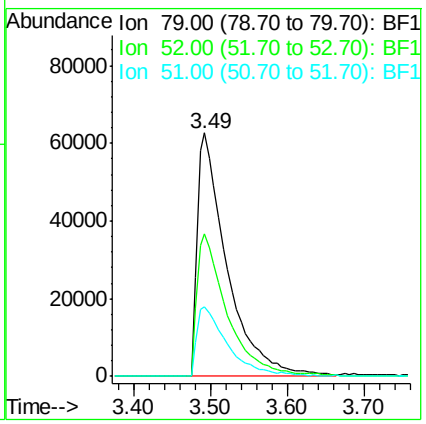


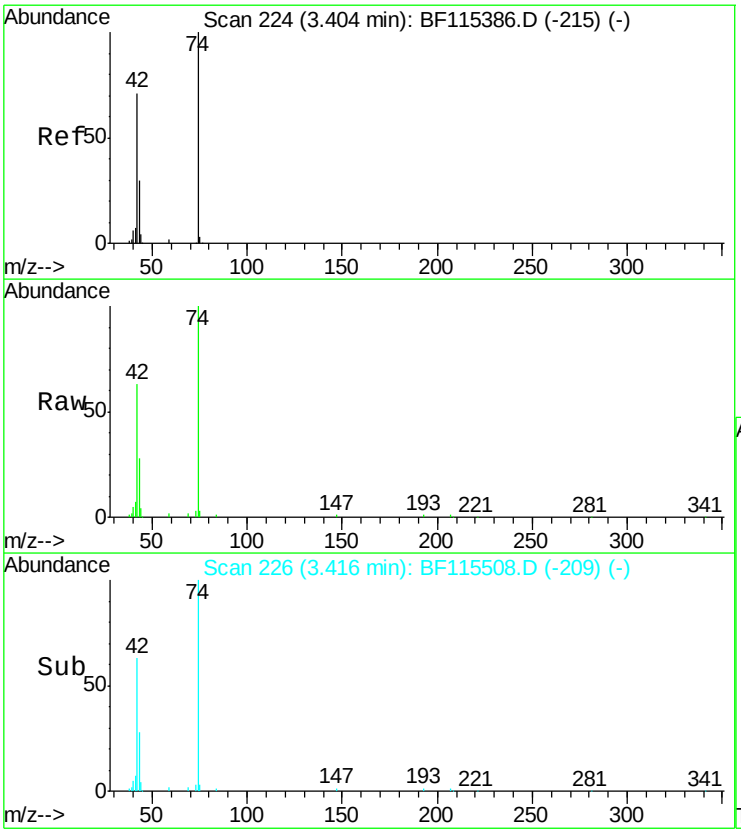
#3
Pyridine
Concen: 13.696 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 79 Resp: 166990

Ion	Ratio	Lower	Upper
79	100		
52	58.3	48.2	72.2
51	28.8	23.2	34.8

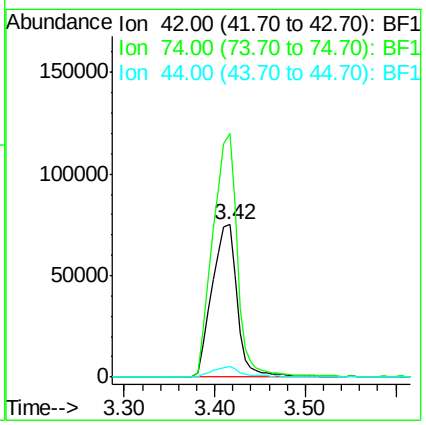


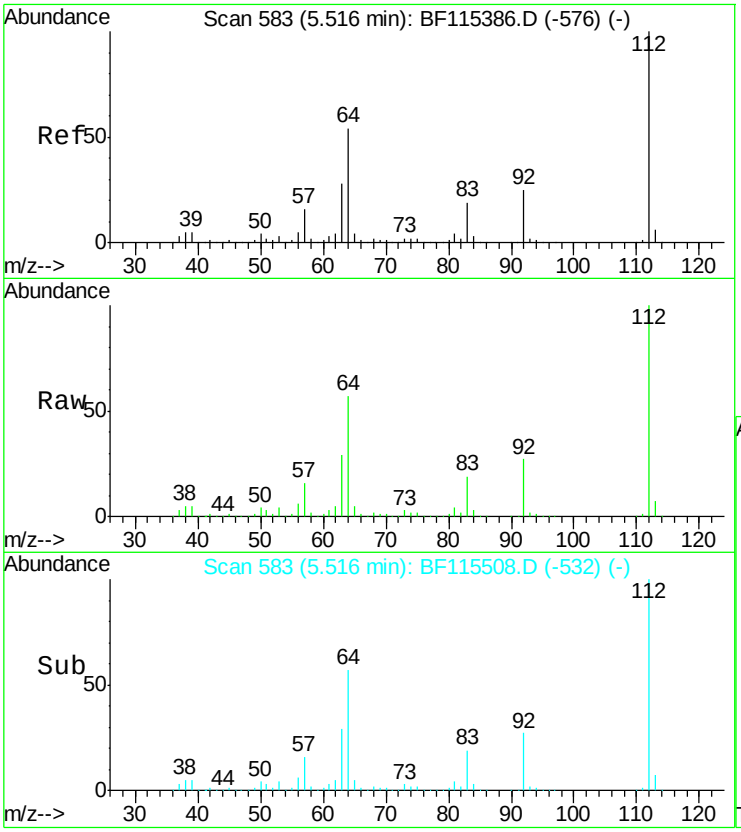


#4
n-Nitrosodimethylamine
Concen: 29.375 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 42 Resp: 145241

Ion	Ratio	Lower	Upper
42	100		
74	160.0	128.5	192.7
44	6.9	5.3	7.9



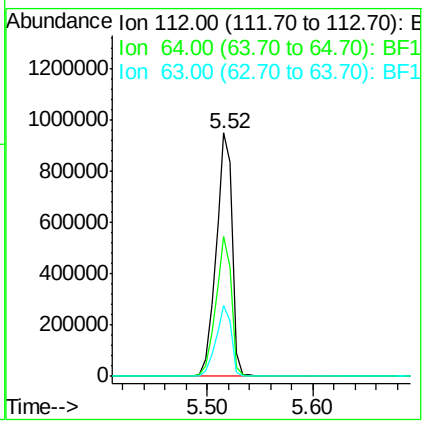


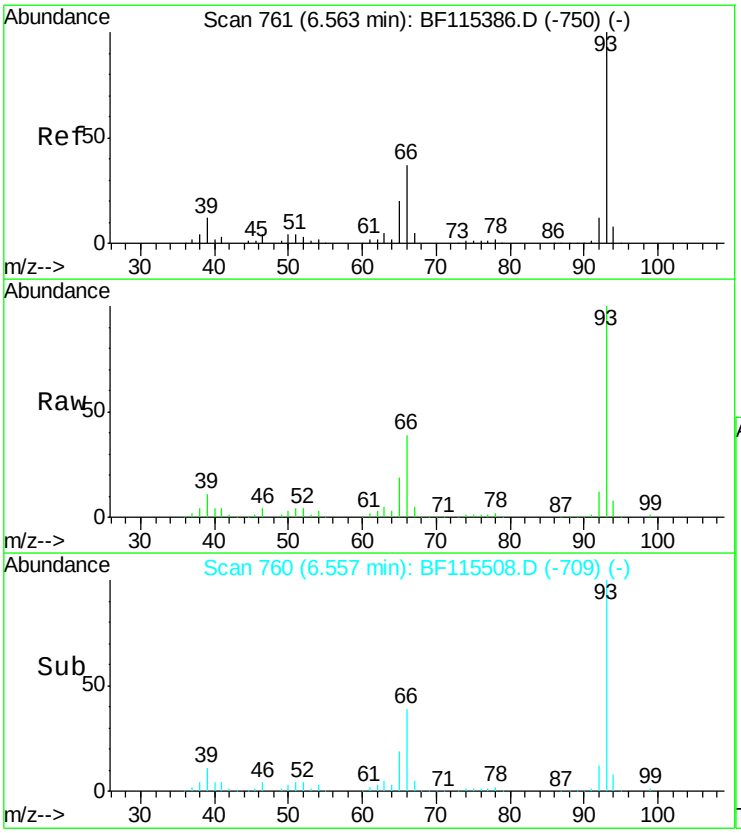
#5
2-Fluorophenol
Concen: 113.073 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:112 Resp: 1016507

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.2	66.2
63	28.9	22.1	33.1

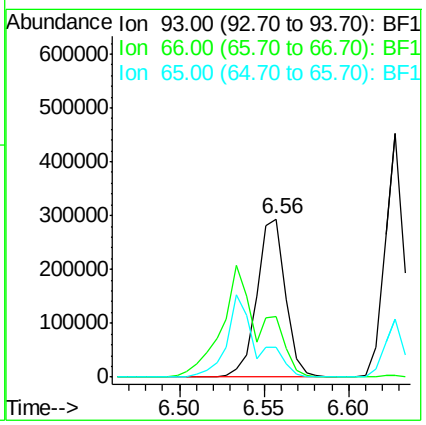


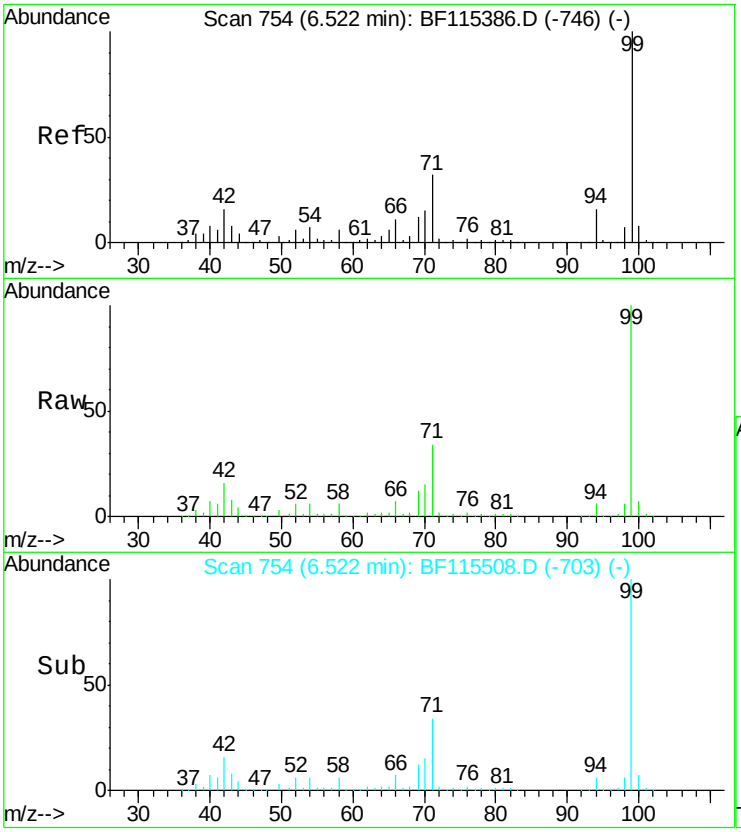


#6
Aniline
Concen: 21.316 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 93 Resp: 343912

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.3	46.9
65	18.9	15.9	23.9



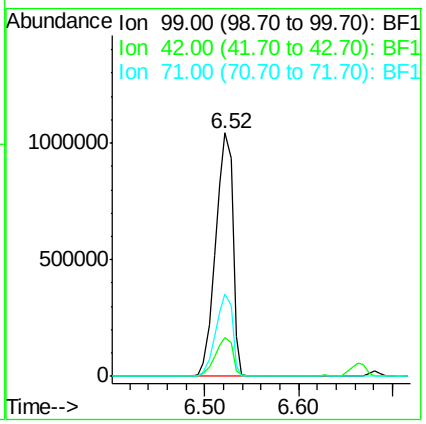


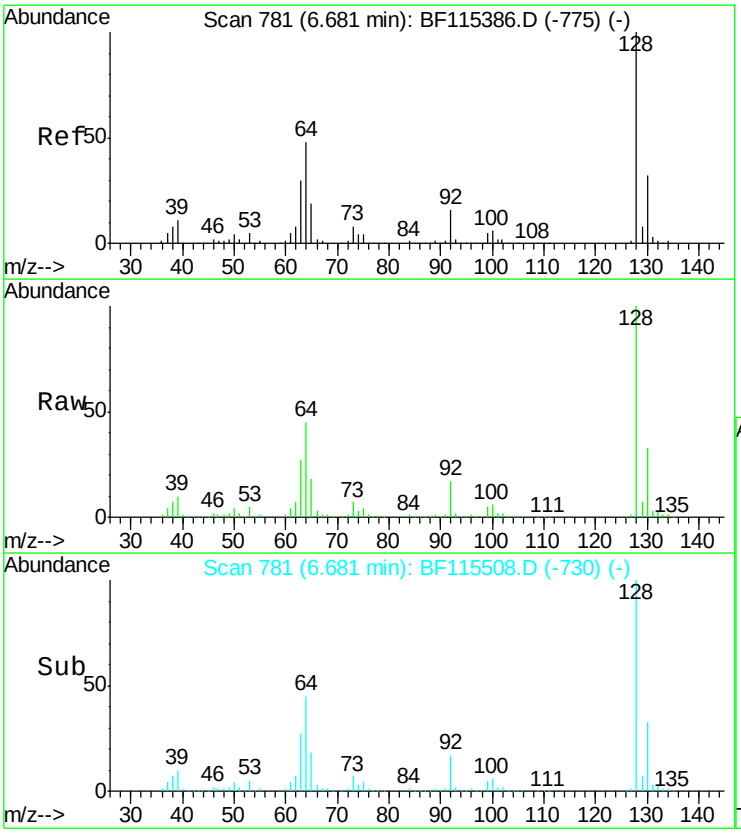
#7
Phenol-d6
Concen: 117.428 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 99 Resp: 1342574

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	33.8	26.5	39.7

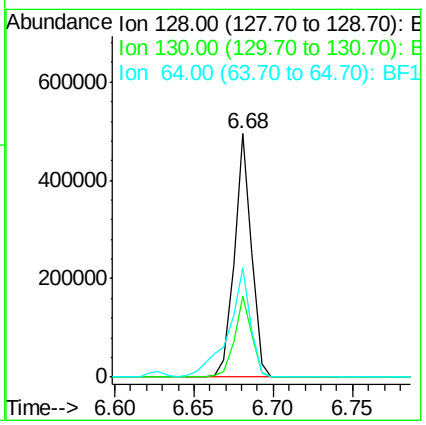


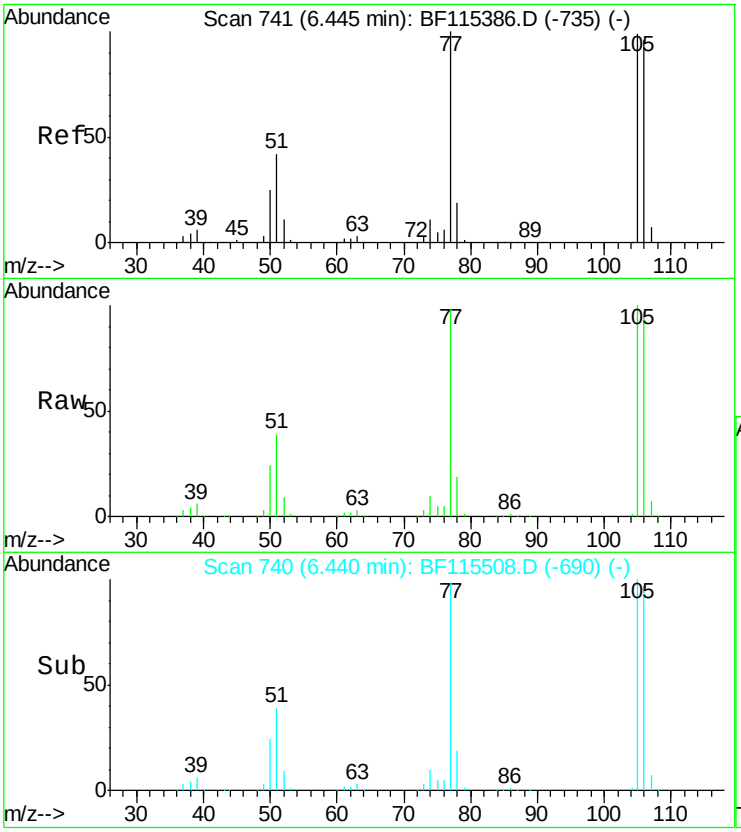


#8
2-Chlorophenol
Concen: 36.388 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:128 Resp: 369372

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.8	51.8
64	44.9	27.0	67.0



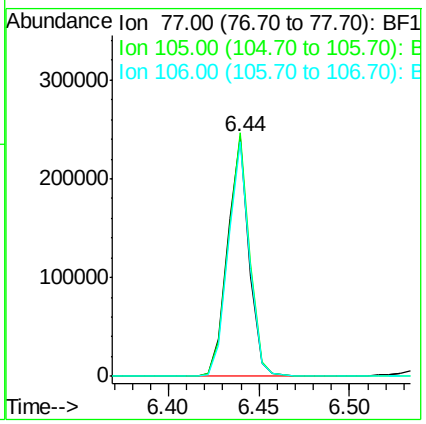


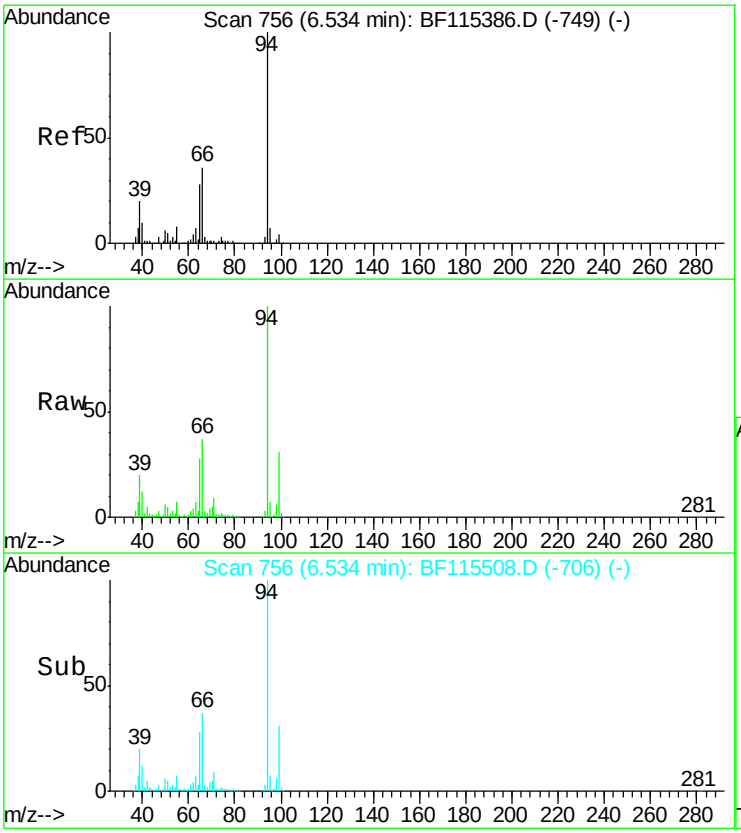
#9
Benzaldehyde
Concen: 28.239 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 77 Resp: 198691

Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.9	122.9
106	98.2	77.8	117.8

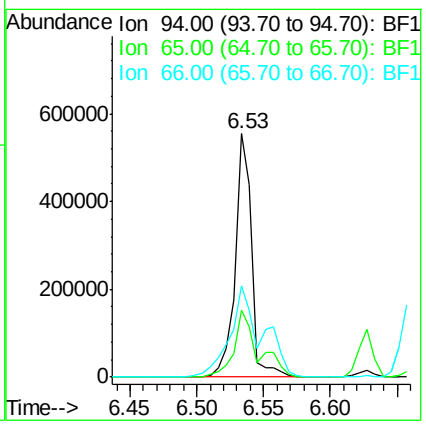


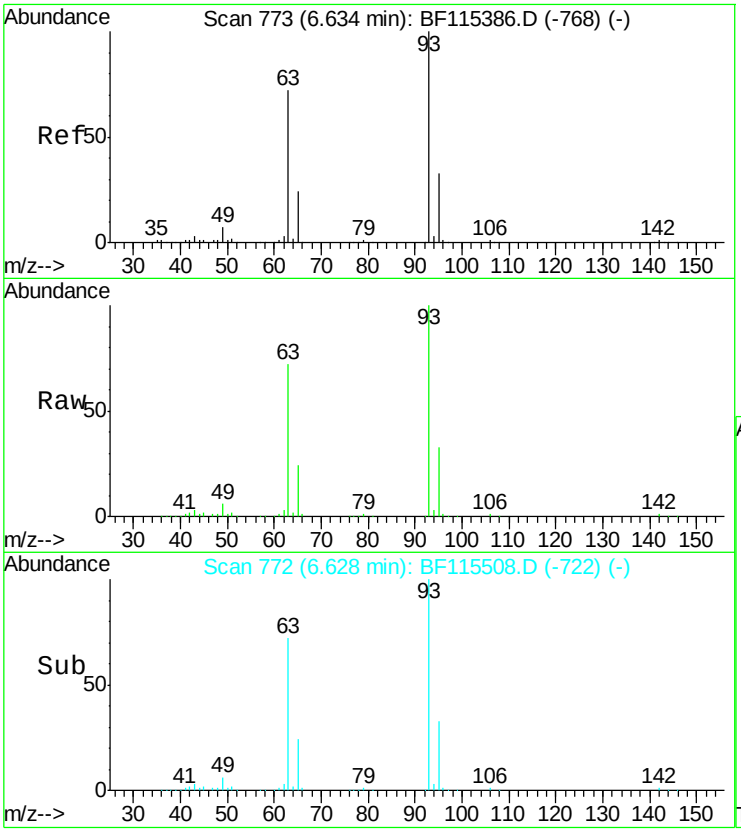


#10
Phenol
Concen: 35.012 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 94 Resp: 478950

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.2	47.2
66	37.4	16.9	56.9



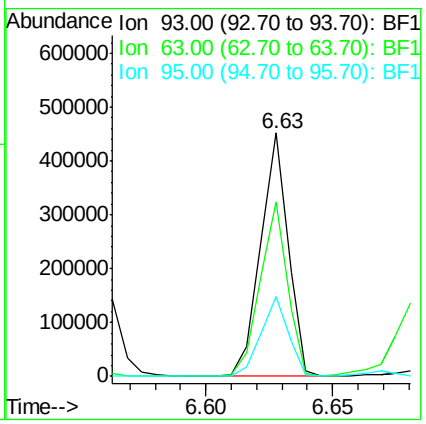


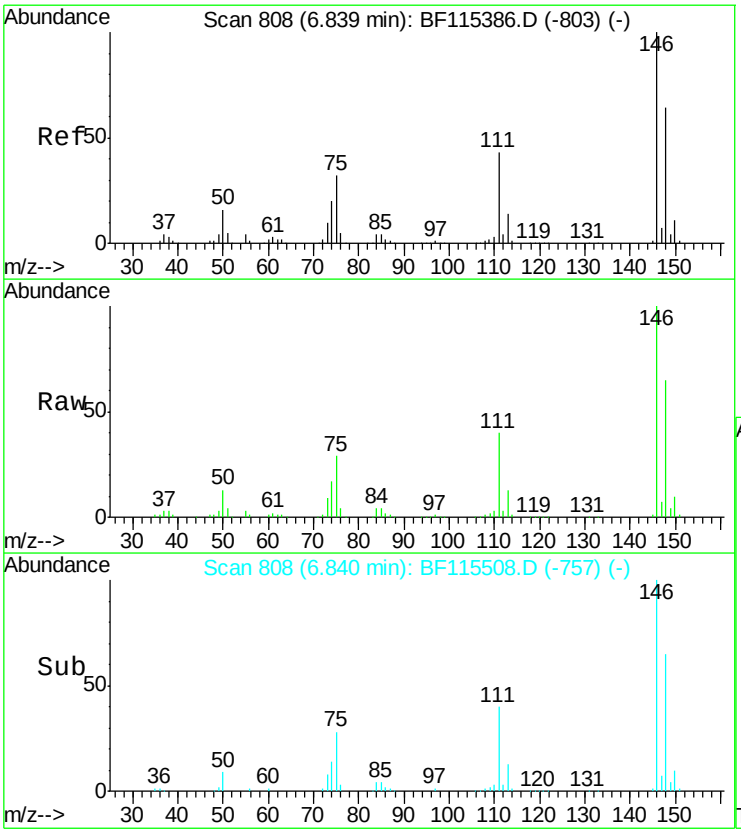
#11
bis(2-Chloroethyl)ether
Concen: 33.917 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 93 Resp: 344189

Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.0	90.0
95	32.8	12.6	52.6

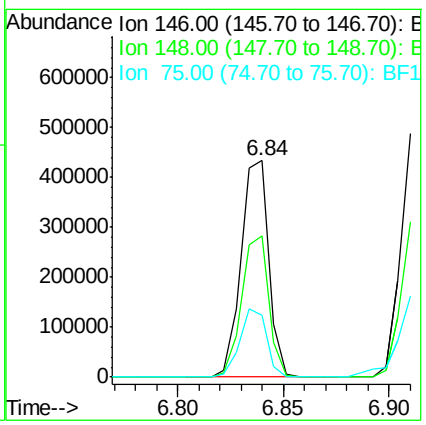


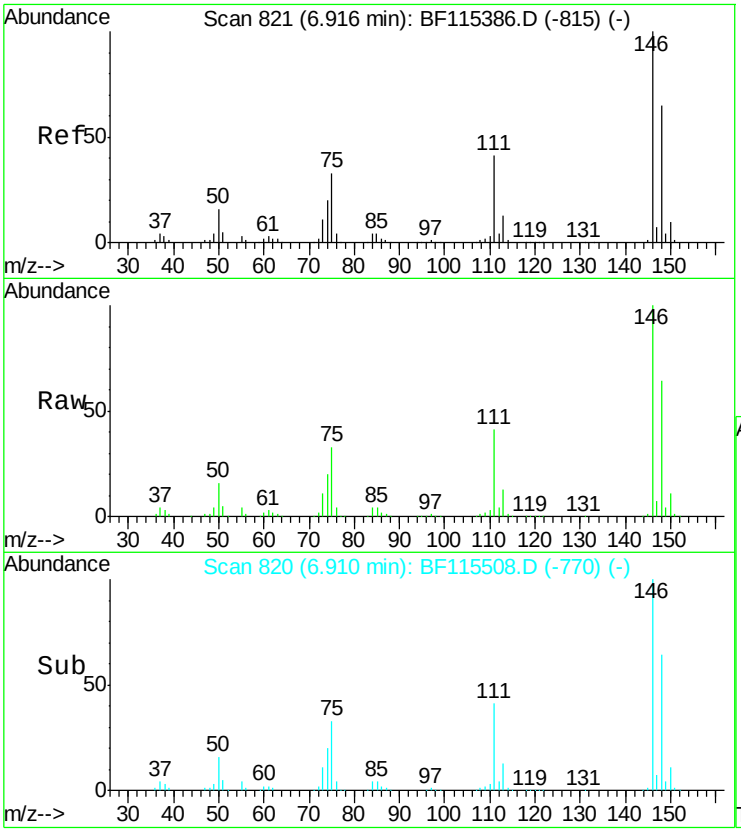


#12
1,3-Dichlorobenzene
Concen: 35.400 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:146 Resp: 393685

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
75	28.7	24.8	37.2



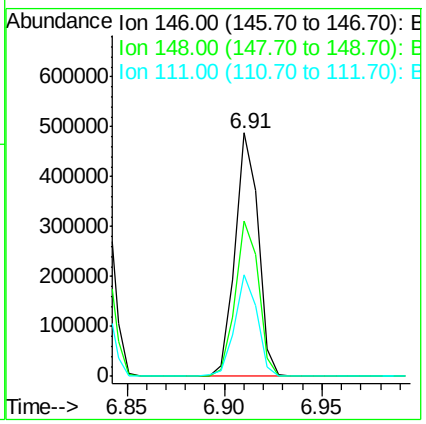


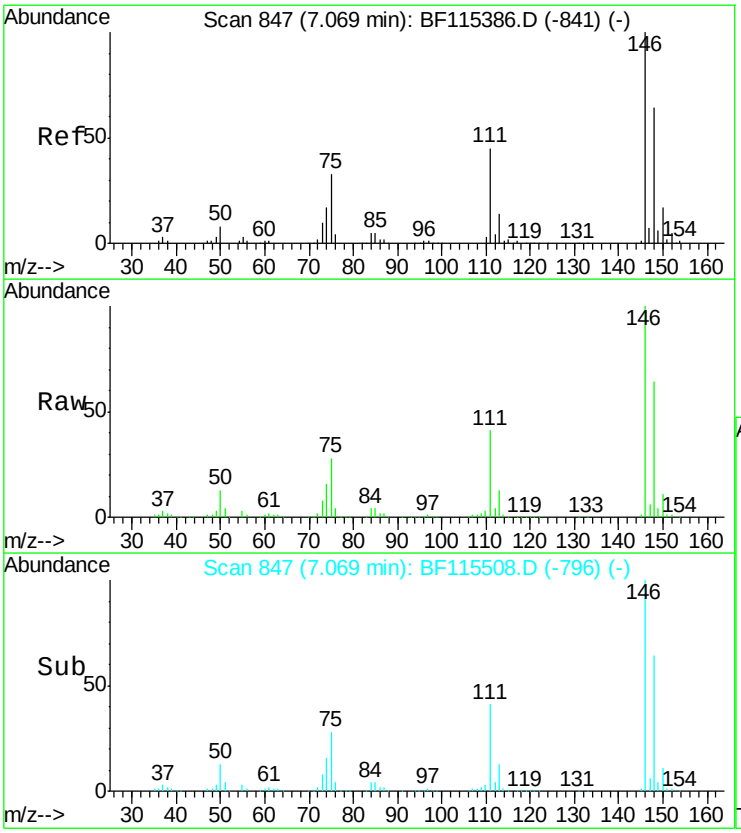
#13
1,4-Dichlorobenzene
Concen: 35.902 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:146 Resp: 399935

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	41.5	32.1	48.1

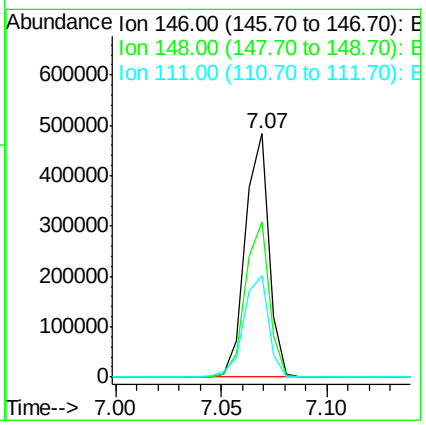


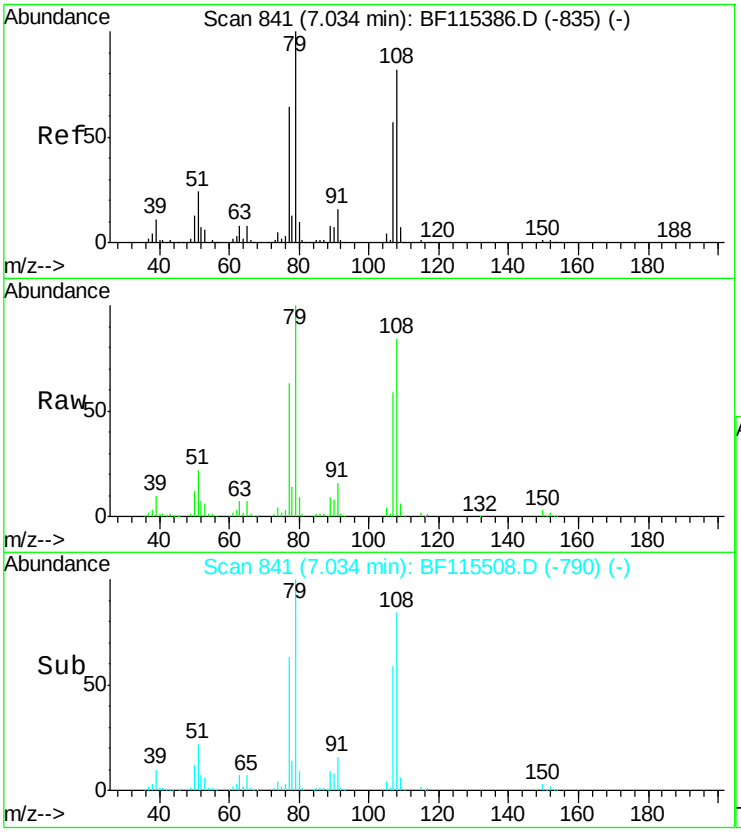


#14
1,2-Dichlorobenzene
Concen: 36.495 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:146 Resp: 376396

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	41.5	35.4	53.2



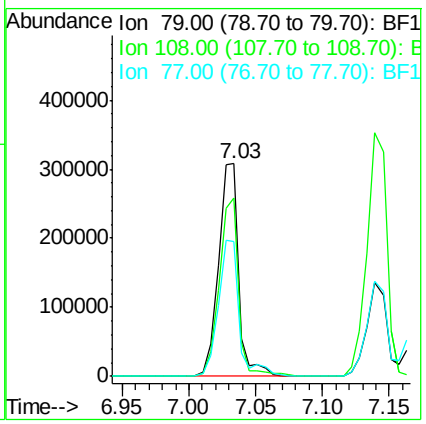


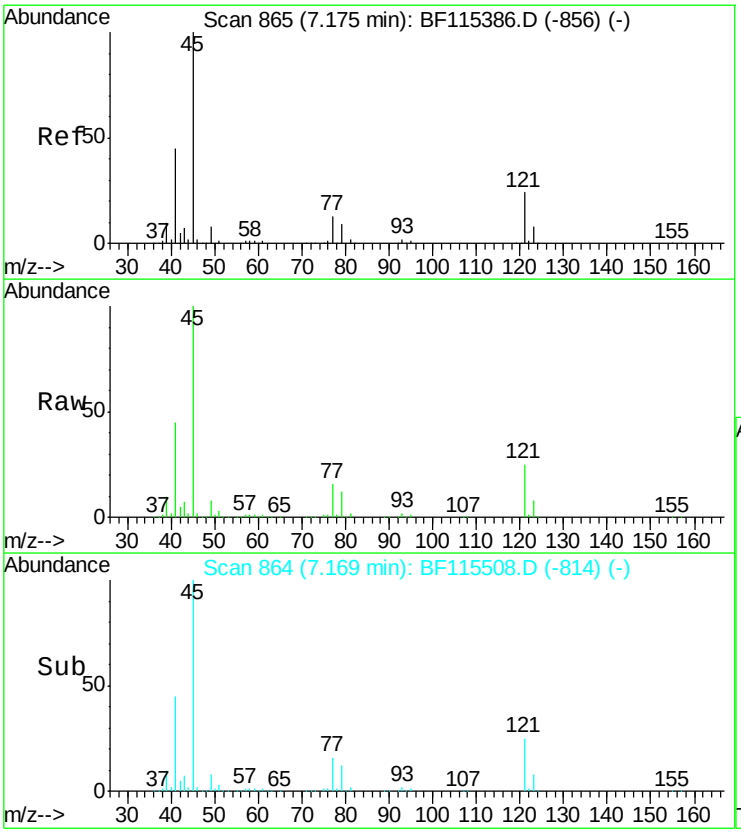
#15
Benzyl Alcohol
Concen: 36.078 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 79 Resp: 330999

Ion	Ratio	Lower	Upper
79	100		
108	84.2	65.3	97.9
77	63.5	50.6	75.8

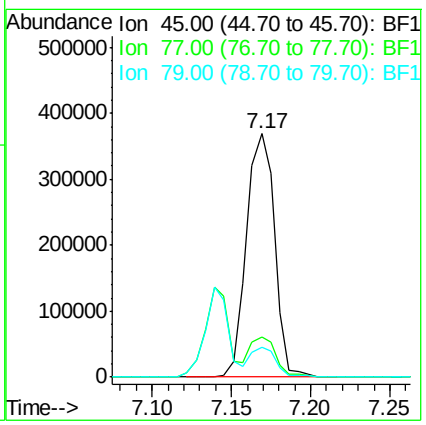


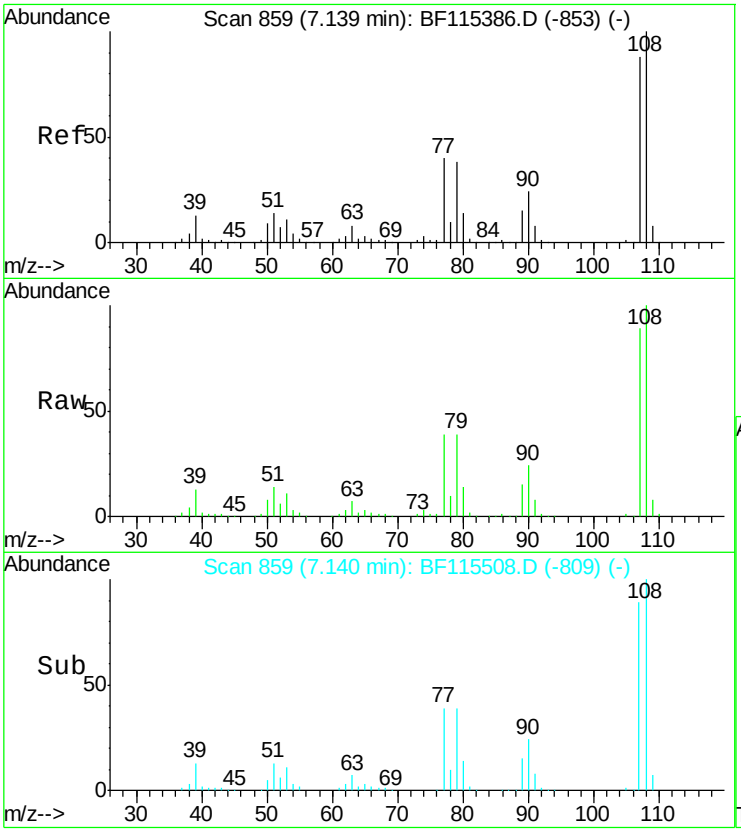


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.104 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 45 Resp: 455545

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.4
79	12.4	0.0	33.4



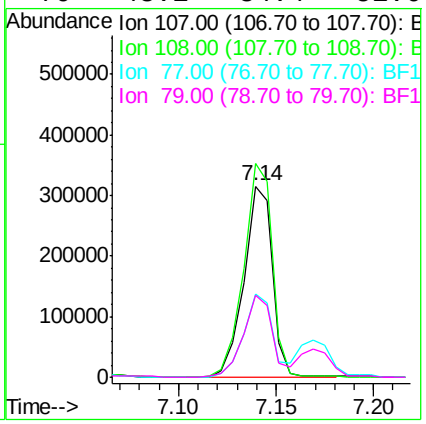


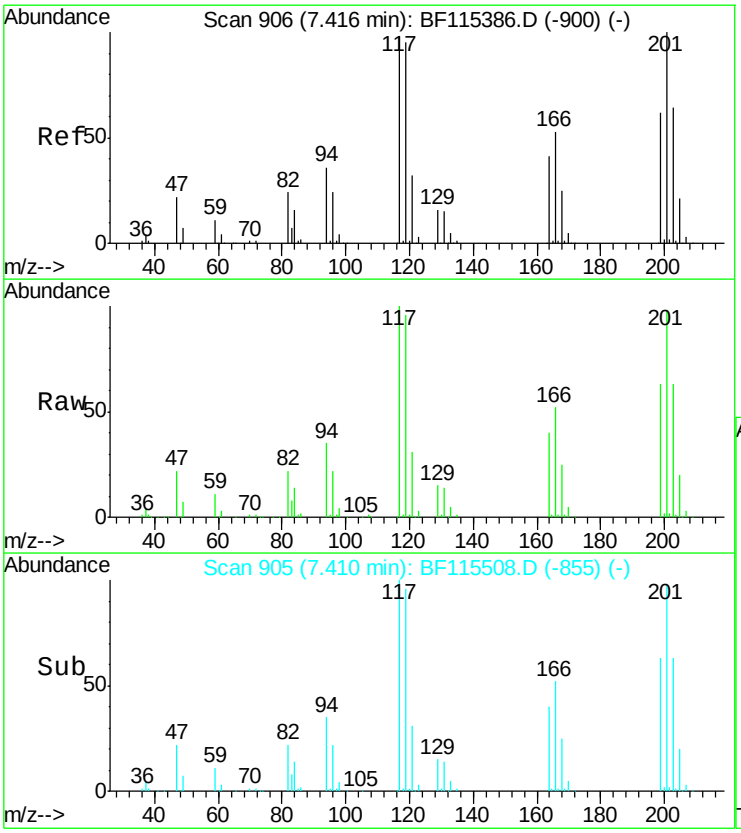
#17
2-Methylphenol
Concen: 36.433 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:107 Resp: 316835

Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	43.5	35.0	52.4
79	43.1	34.4	51.6

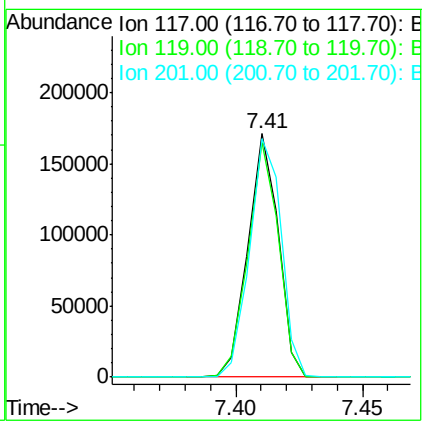


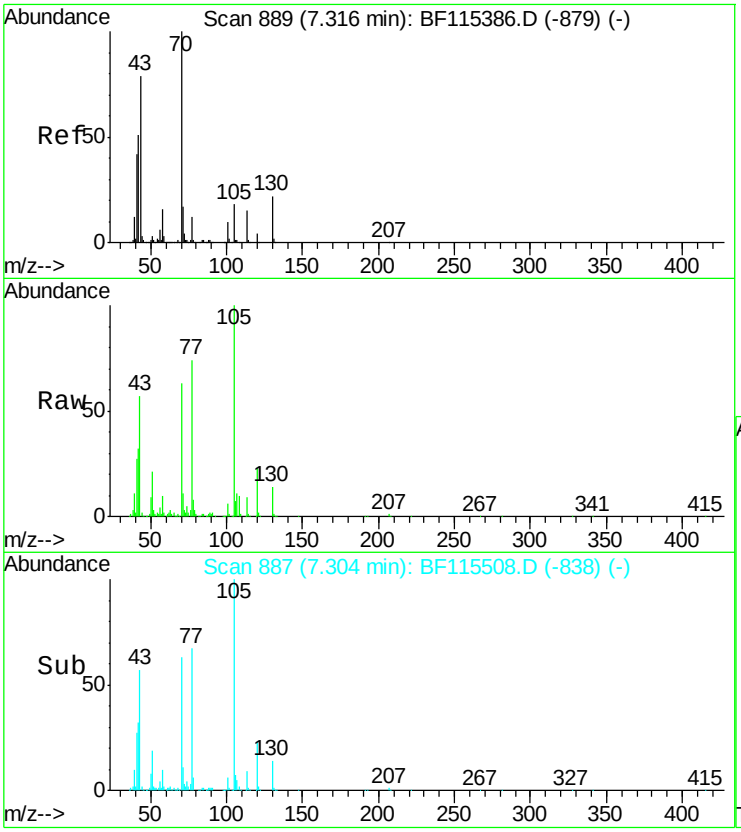


#18
Hexachloroethane
Concen: 34.603 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:117 Resp: 143597

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
201	98.1	85.8	128.6



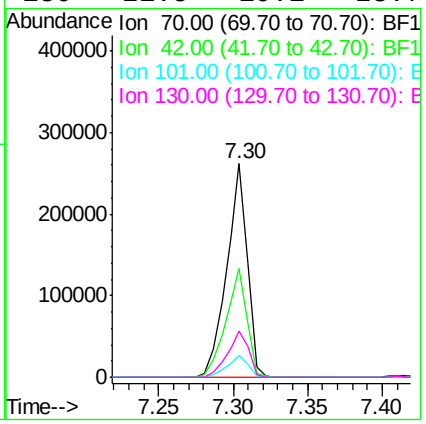


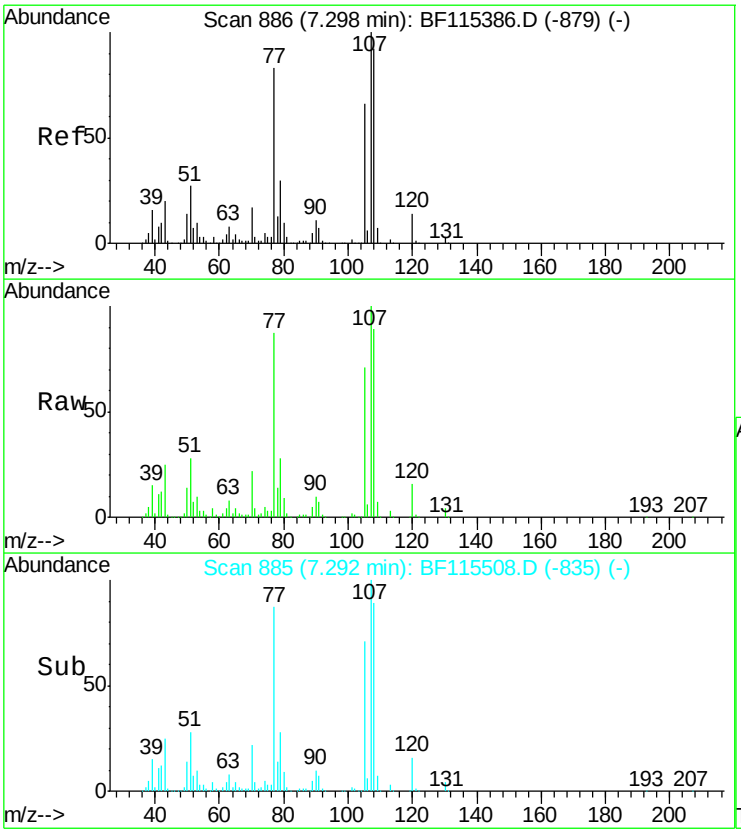
#19
n-Nitroso-di-n-propylamine
Concen: 33.118 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 70 Resp: 256165

Ion	Ratio	Lower	Upper
70	100		
42	51.2	38.5	57.7
101	10.0	8.0	12.0
130	21.5	19.1	28.7

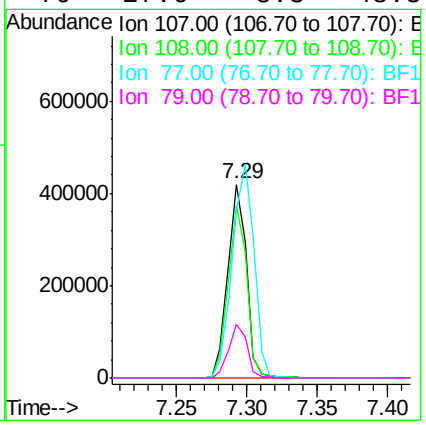


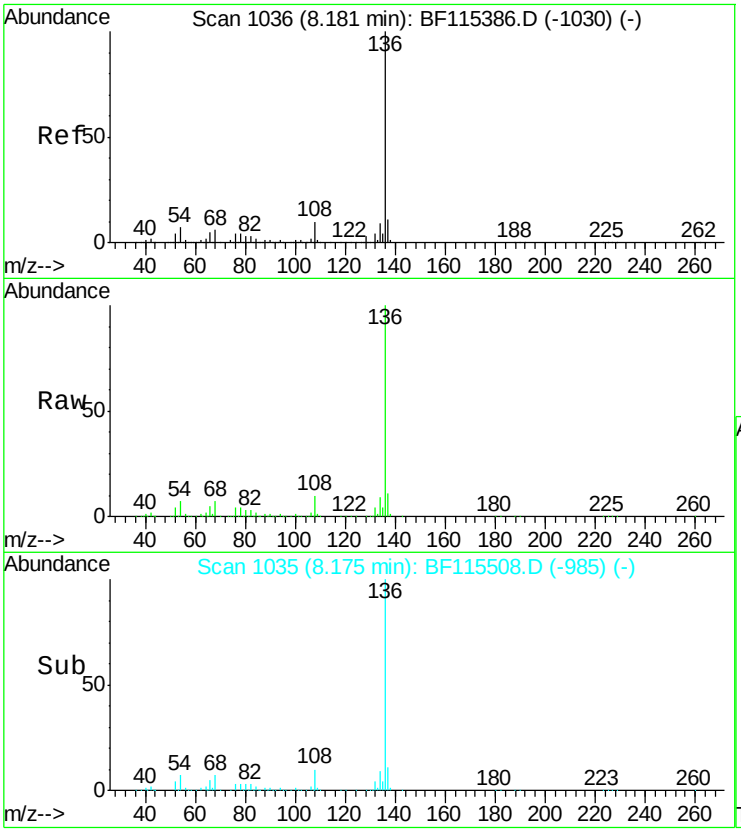


#20
3+4-Methylphenols
Concen: 37.701 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:107 Resp: 387274

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.5	110.5
77	86.9	63.0	103.0
79	27.6	8.3	48.3



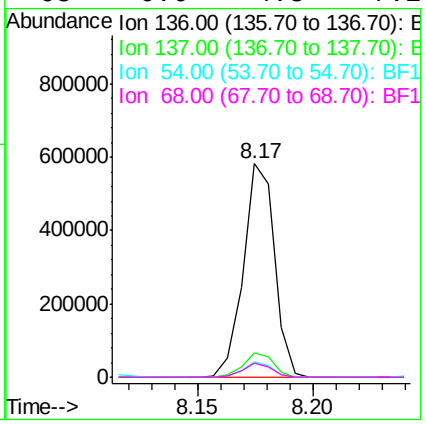


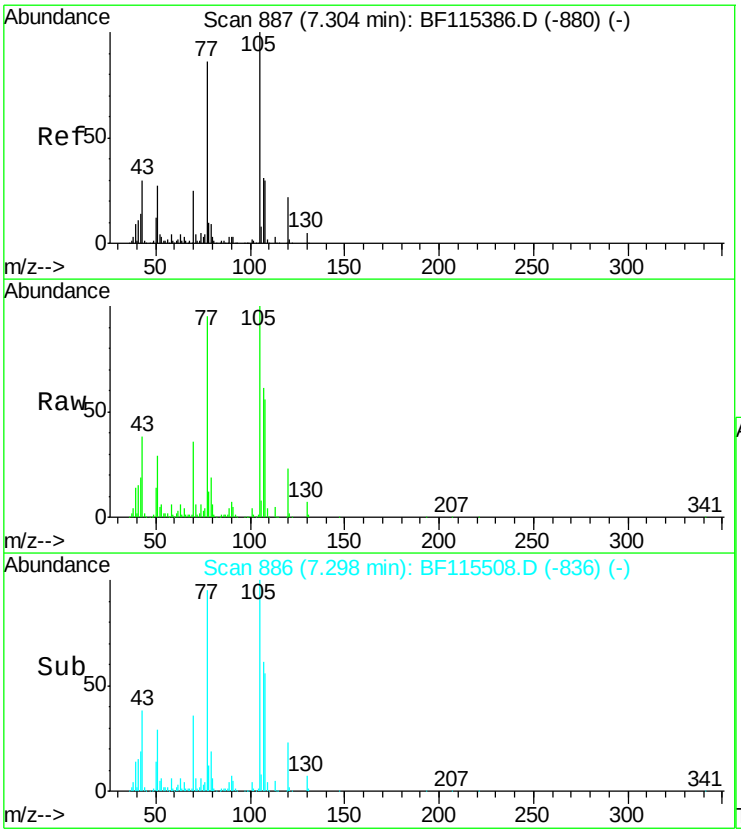
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:136 Resp: 550586

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.2	5.4	8.0
68	6.6	4.8	7.2

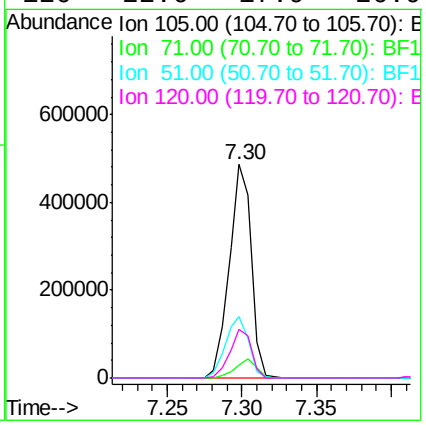


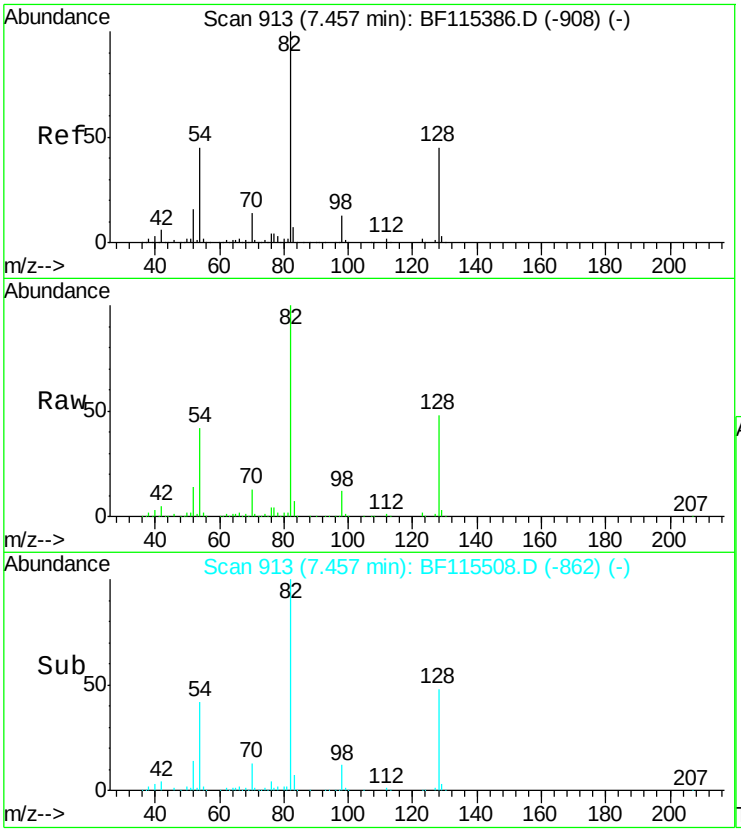


#22
Acetophenone
Concen: 38.294 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:105 Resp: 505220

Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.5	5.3#
51	28.8	22.6	33.8
120	22.6	17.9	26.9



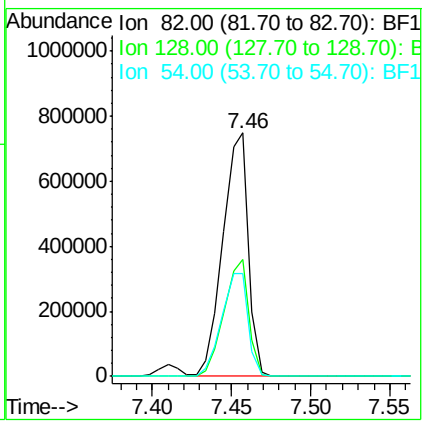


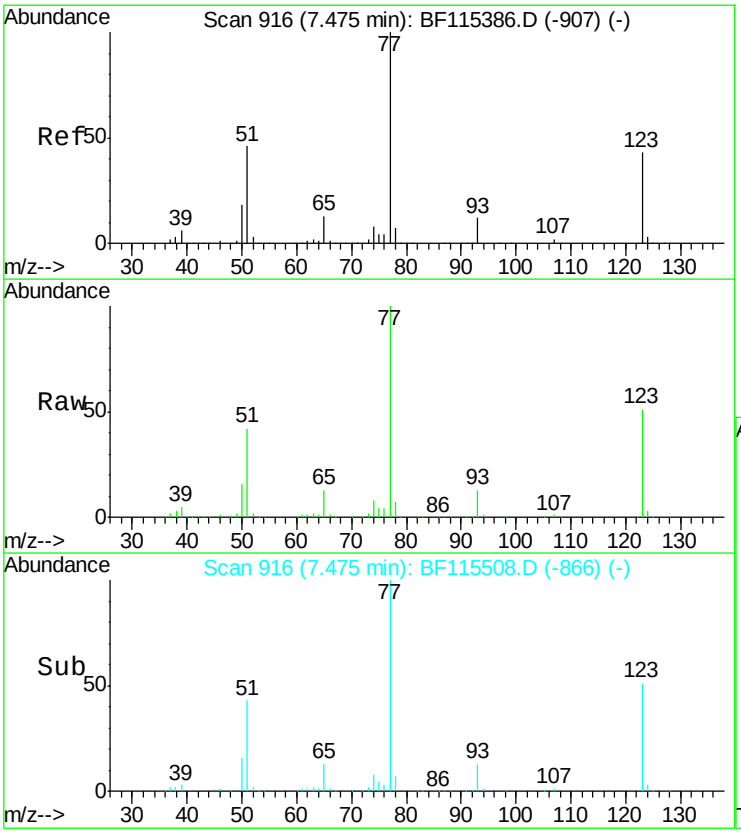
#23
Nitrobenzene-d5
Concen: 89.467 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 82 Resp: 833731

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.7	55.1
54	42.4	35.6	53.4

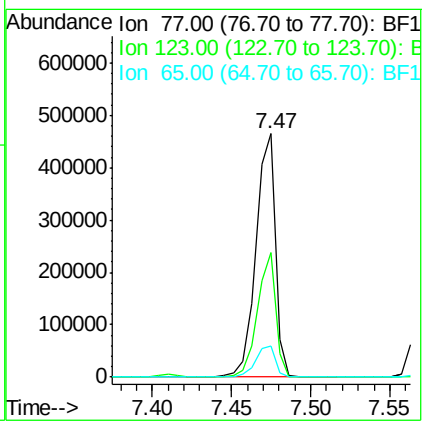


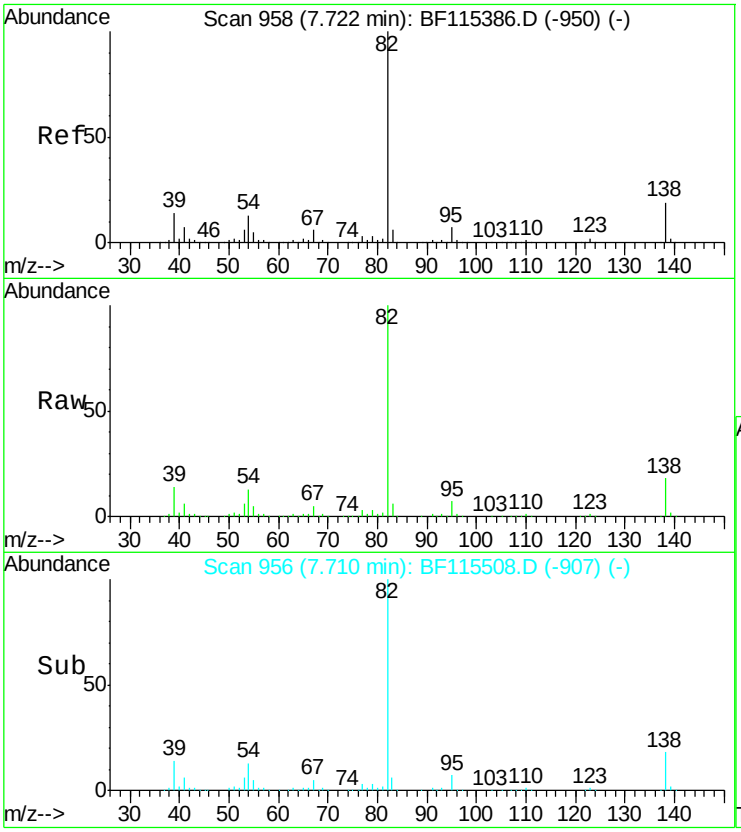


#24
Nitrobenzene
Concen: 37.815 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 77 Resp: 397978

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.4	60.6
65	13.0	10.4	15.6



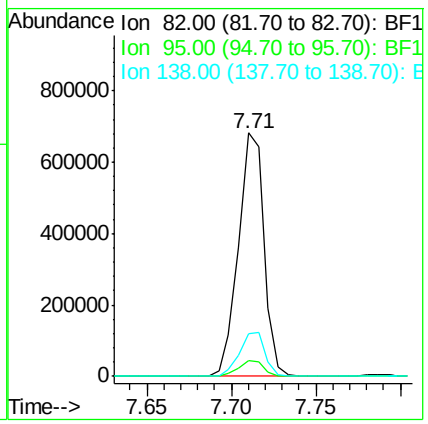


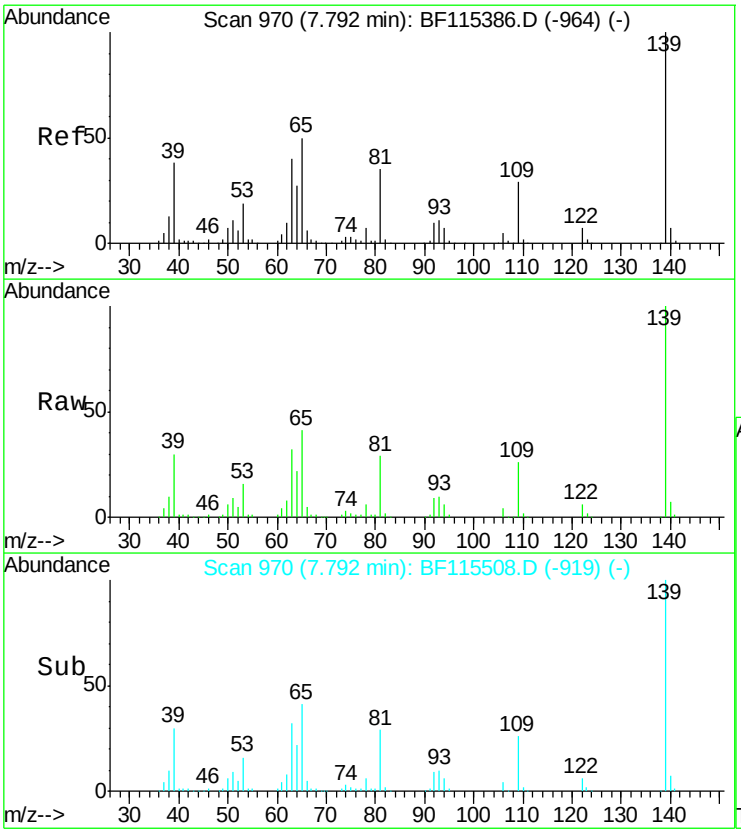
#25
Isophorone
Concen: 35.659 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 82 Resp: 720263

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	17.8	15.1	22.7

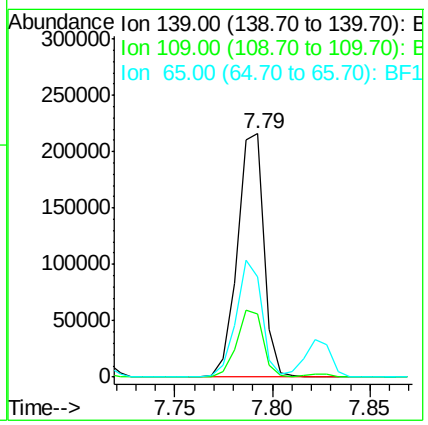


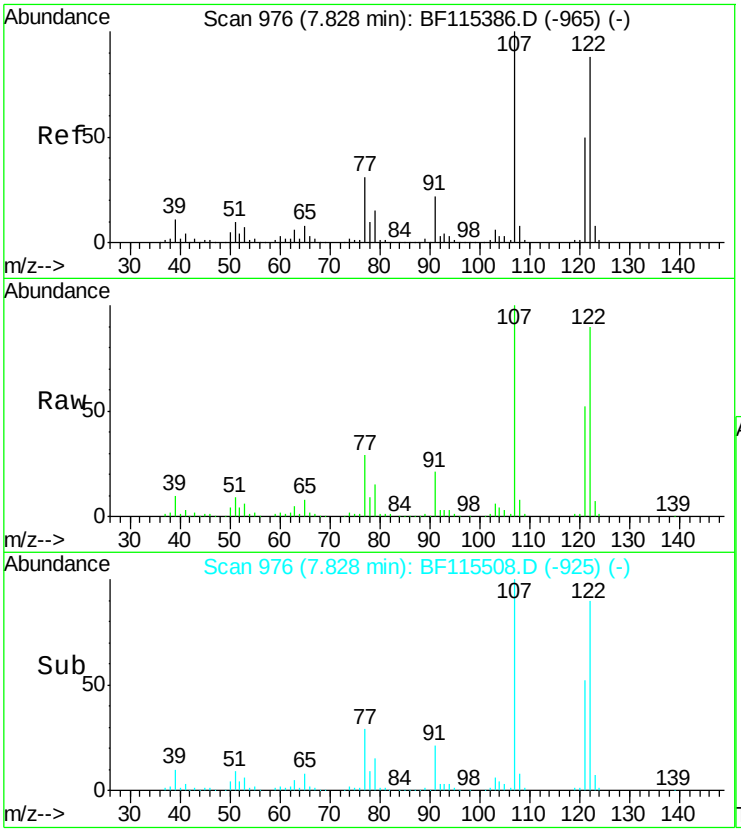


#26
2-Nitrophenol
Concen: 46.933 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:139 Resp: 203066

Ion	Ratio	Lower	Upper
139	100		
109	26.1	22.2	33.4
65	41.3	37.5	56.3



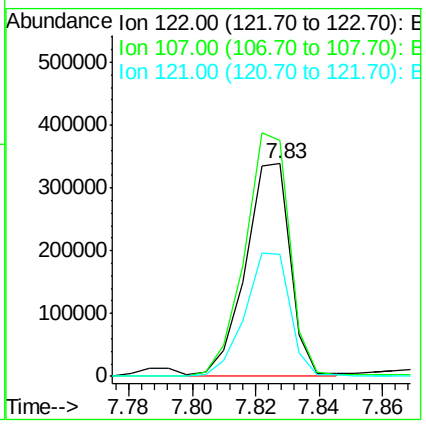


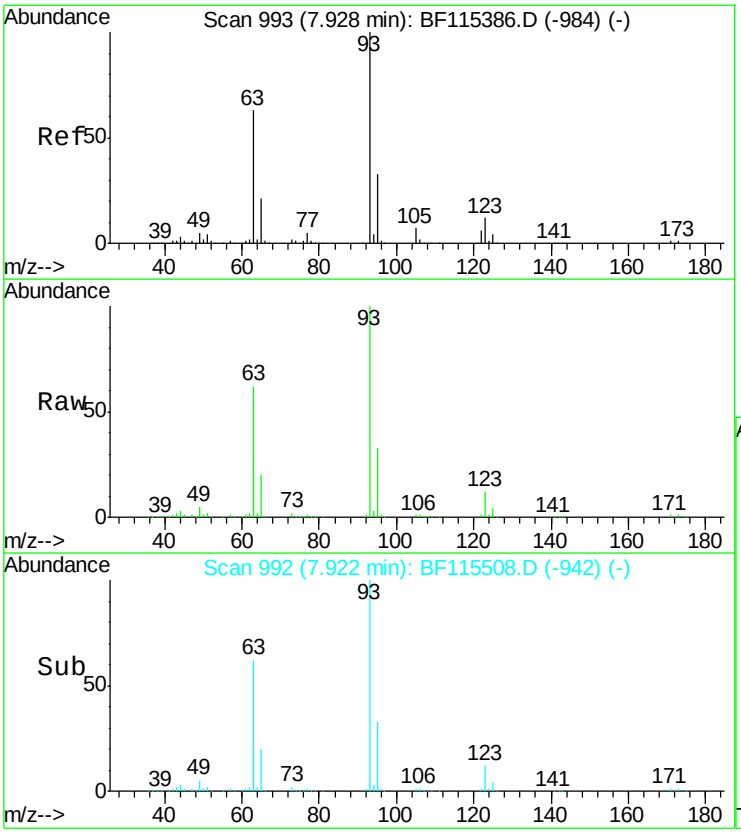
#27
2,4-Dimethylphenol
Concen: 40.042 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:122 Resp: 330361

Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.7	137.5
121	57.7	47.7	71.5

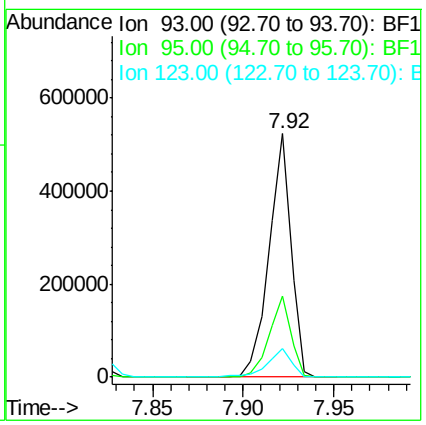


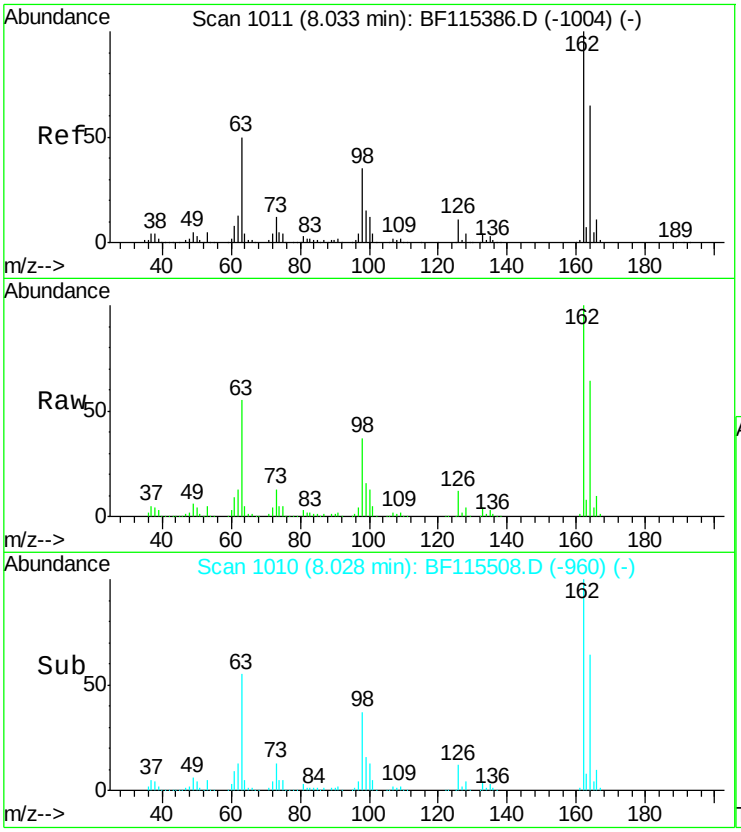


#28
bis(2-Chloroethoxy)methane
Concen: 35.453 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 93 Resp: 441582

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	11.8	10.4	15.6



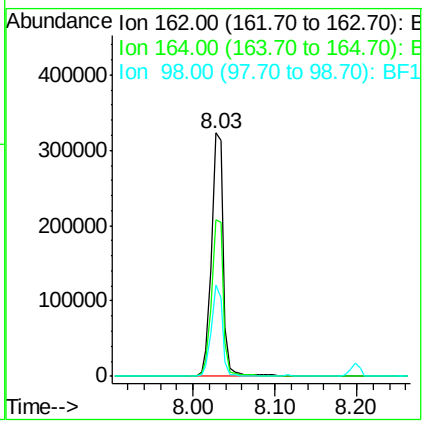


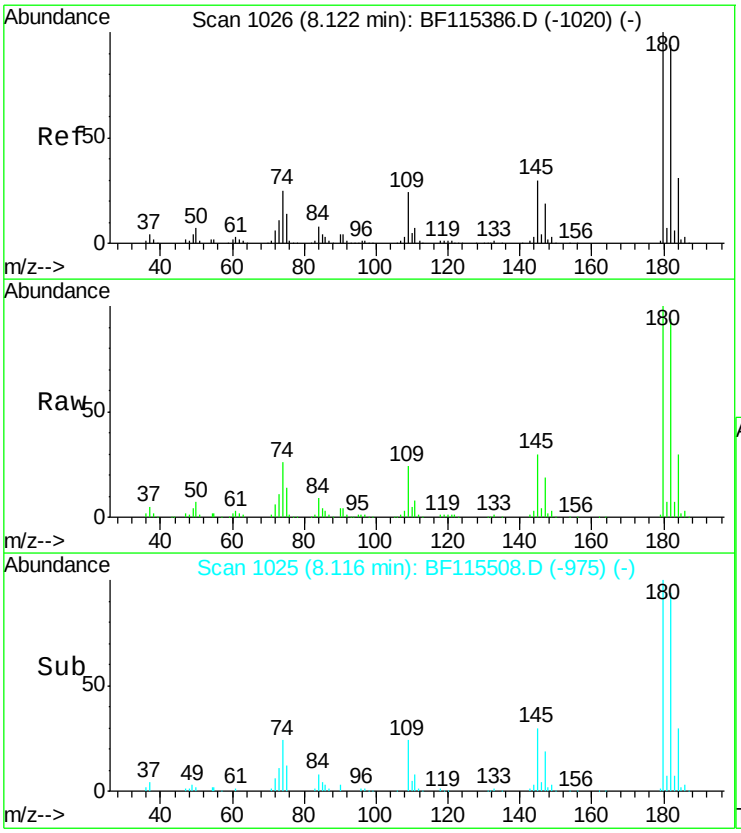
#29
2,4-Dichlorophenol
Concen: 39.673 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:162 Resp: 326011

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	37.5	17.0	57.0

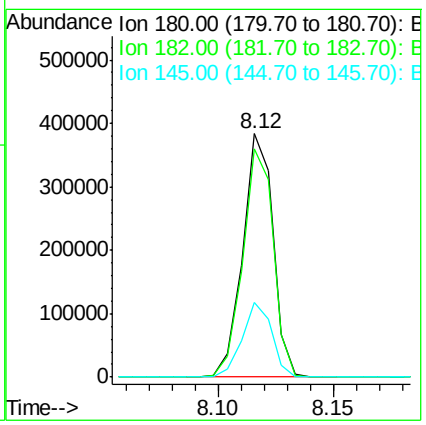


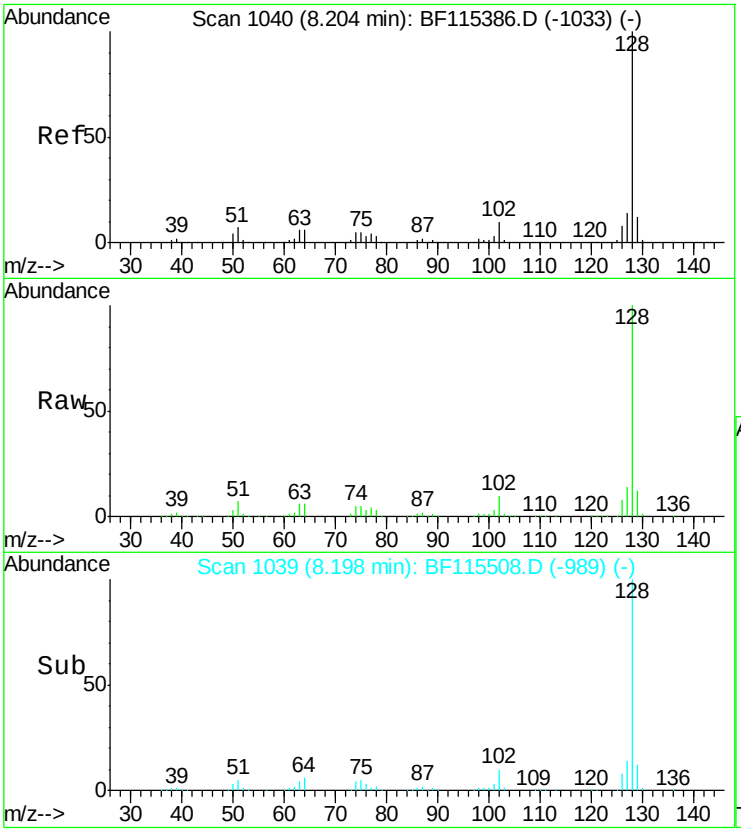


#30
1,2,4-Trichlorobenzene
Concen: 38.465 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:180 Resp: 351890

Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	30.4	23.9	35.9



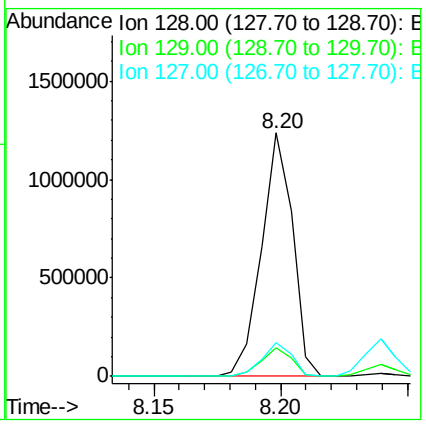


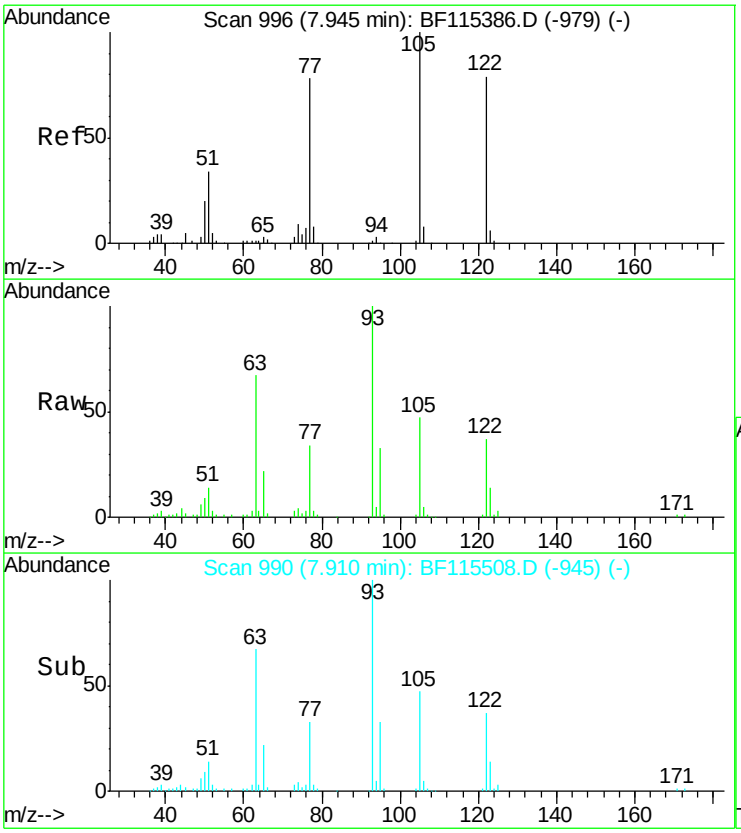
#31
Naphthalene
Concen: 39.045 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:128 Resp: 1067798

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.8	11.1	16.7

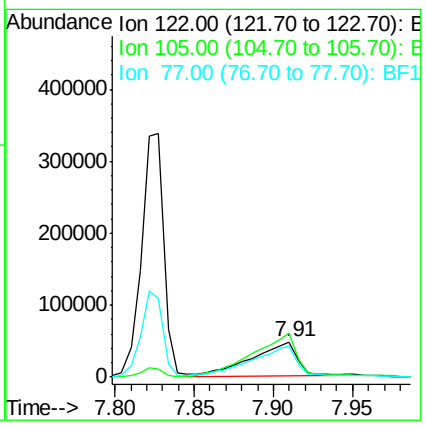


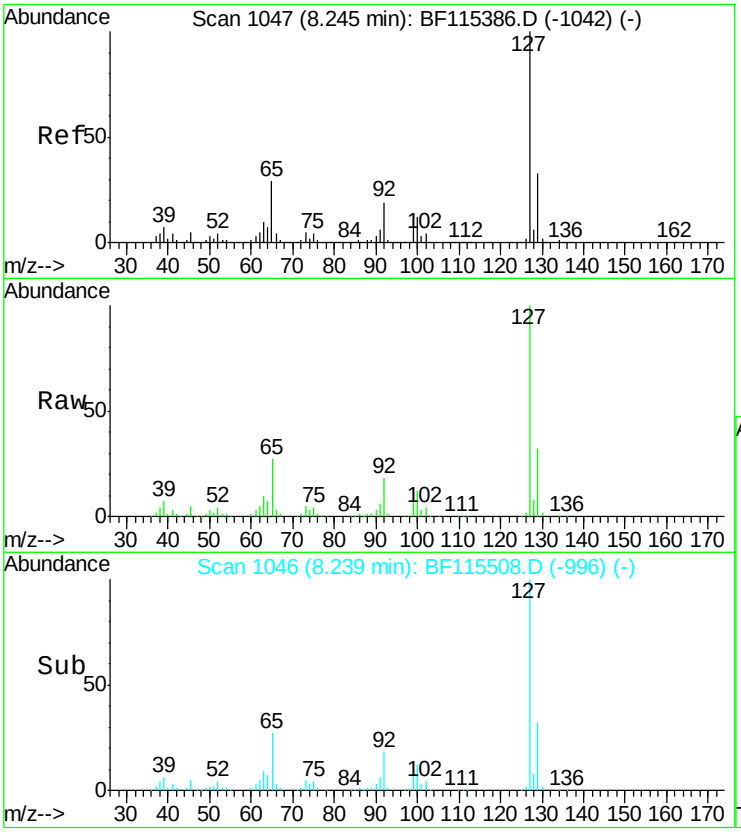


#32
Benzoic acid
Concen: 19.292 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:122 Resp: 91108

Ion	Ratio	Lower	Upper
122	100		
105	125.2	101.6	141.6
77	89.9	69.1	109.1



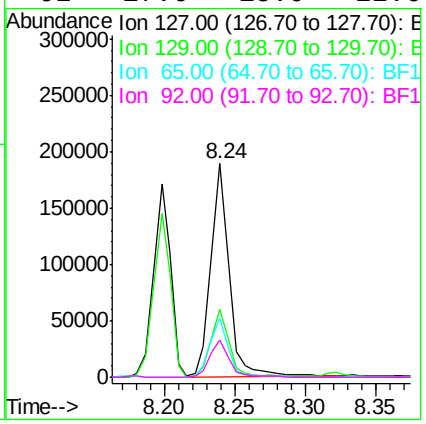


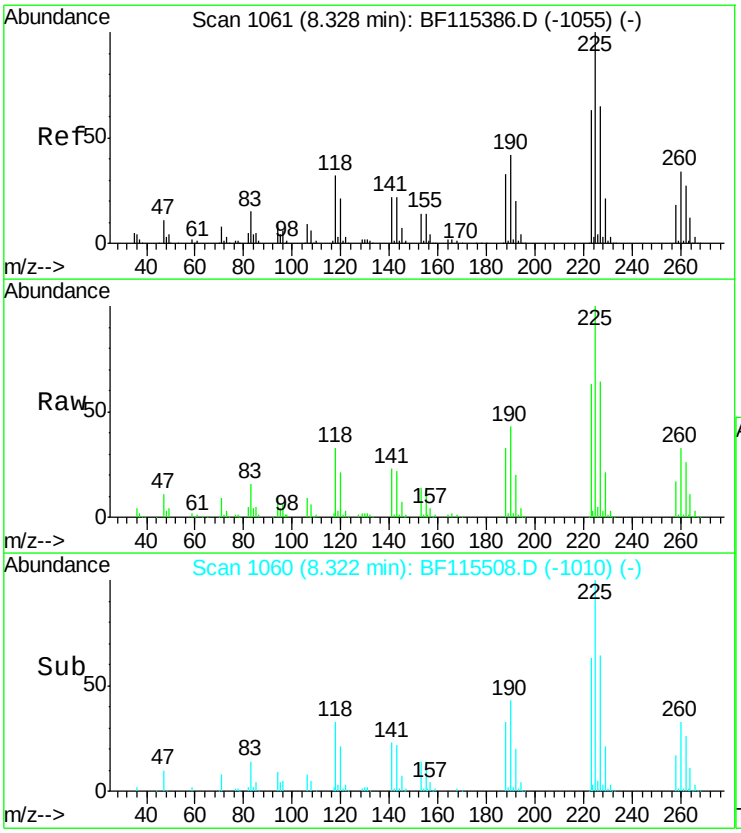
#33
4-Chloroaniline
Concen: 14.198 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:127 Resp: 173240

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	27.3	23.2	34.8
92	17.6	15.0	22.6

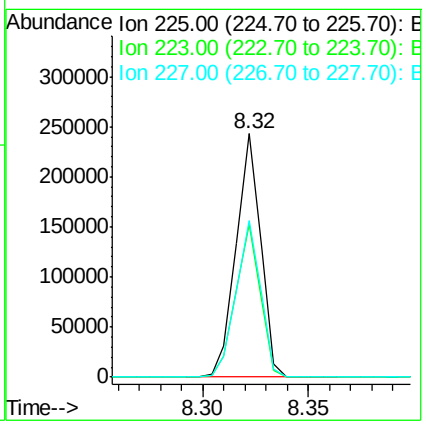


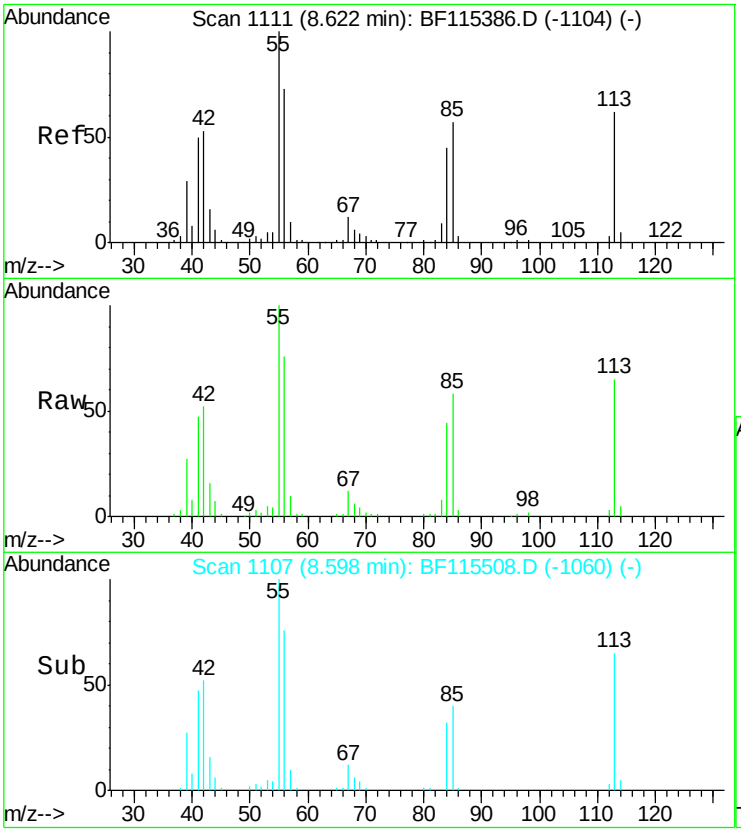


#34
Hexachlorobutadiene
Concen: 37.516 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:225 Resp: 194636

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.5	51.4	77.2



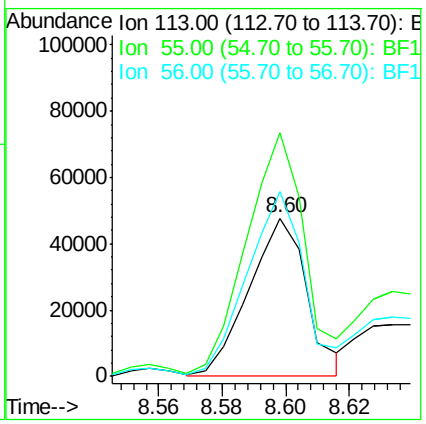


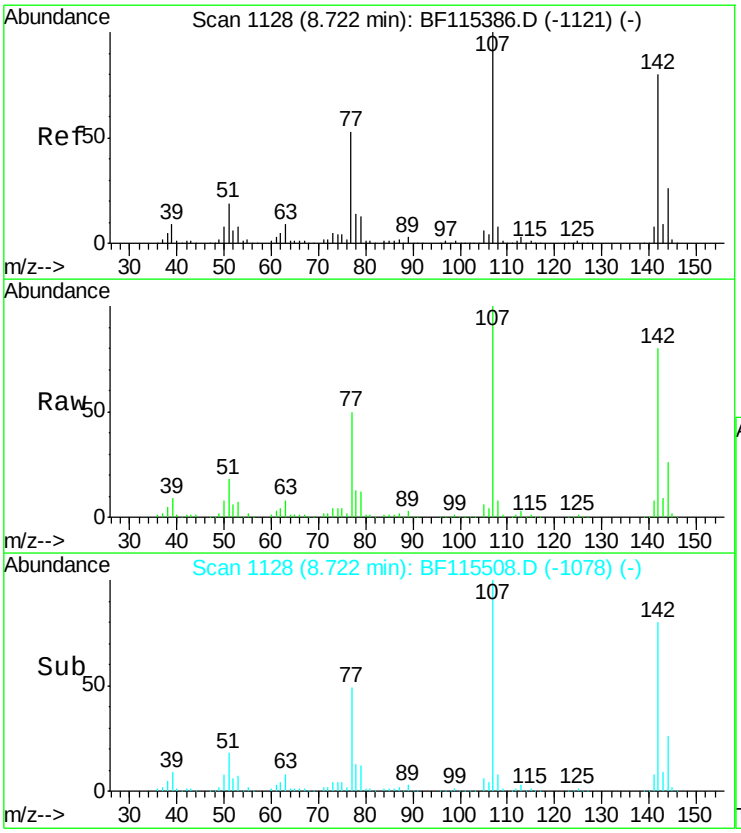
#35
Caprolactam
Concen: 22.710 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:113 Resp: 60781

Ion	Ratio	Lower	Upper
113	100		
55	153.6	138.1	178.1
56	116.8	95.7	135.7

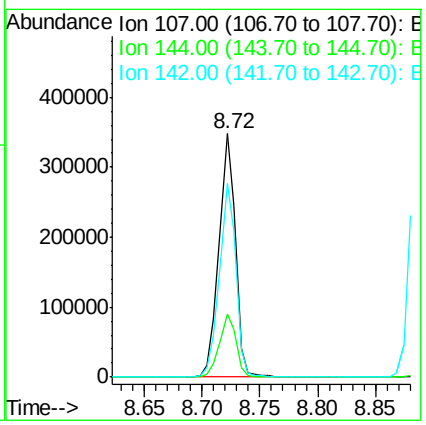


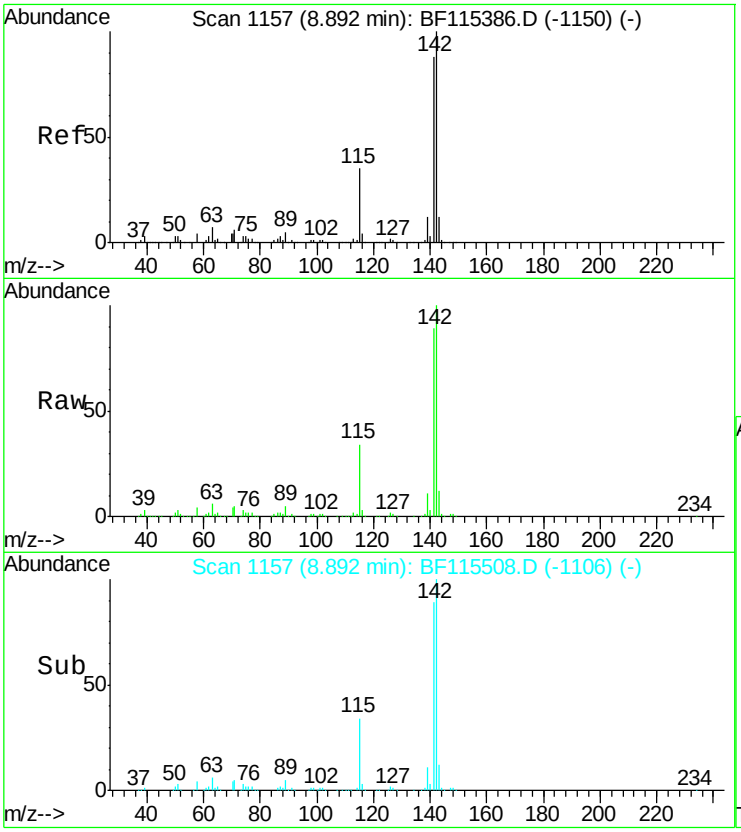


#36
4-Chloro-3-methylphenol
Concen: 39.890 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:107 Resp: 346720

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.5	32.3
142	79.5	66.2	99.2



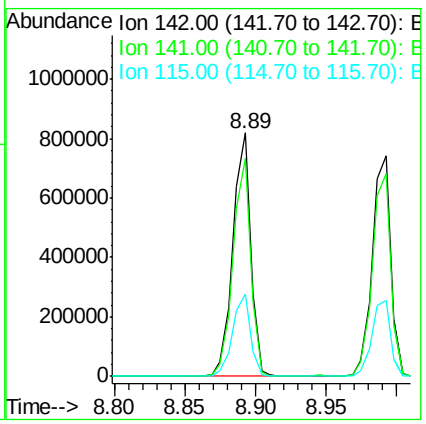


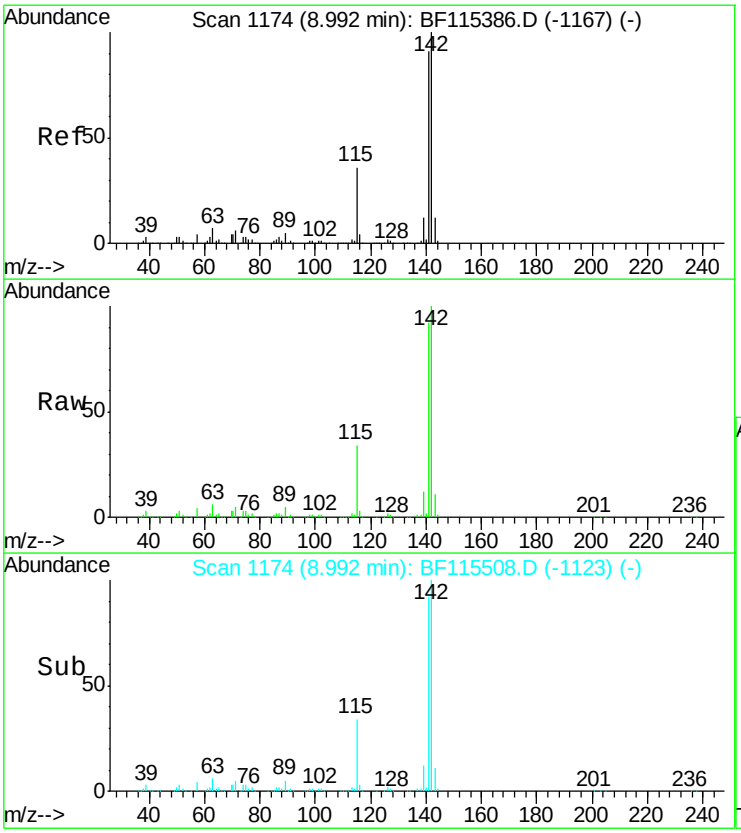
#37
2-Methylnaphthalene
Concen: 39.505 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:142 Resp: 722119

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1
115	33.7	27.6	41.4

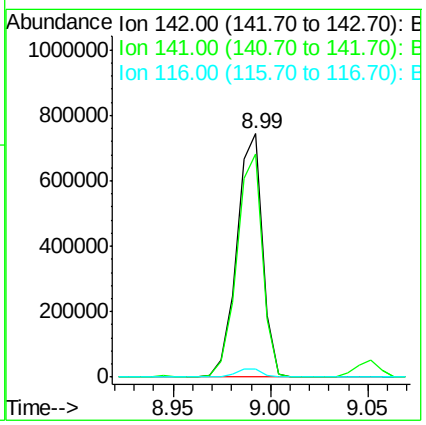


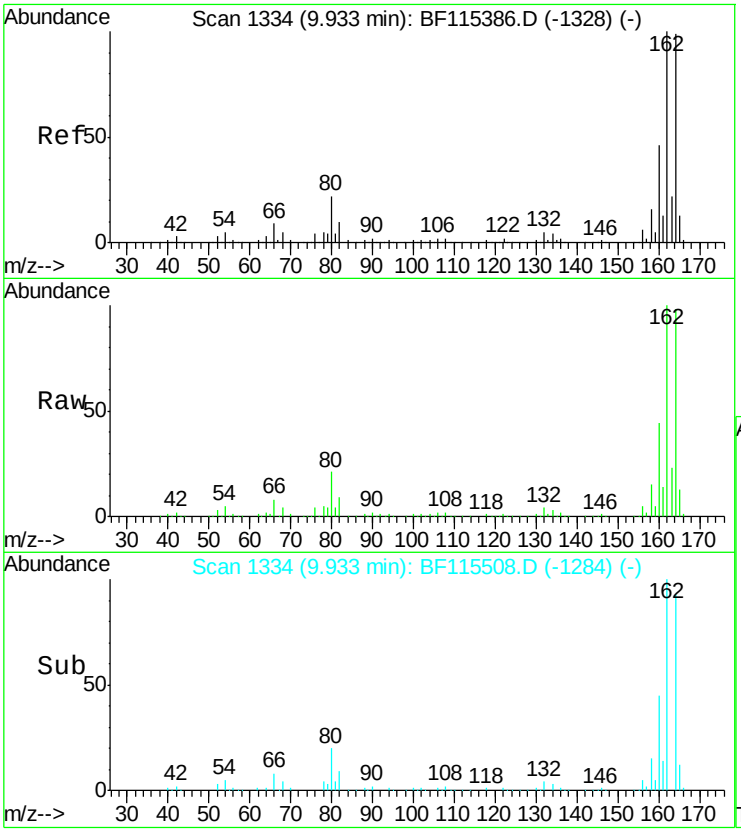


#38
1-Methylnaphthalene
Concen: 38.792 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:142 Resp: 676568

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.3	111.5
116	3.3	3.1	4.7



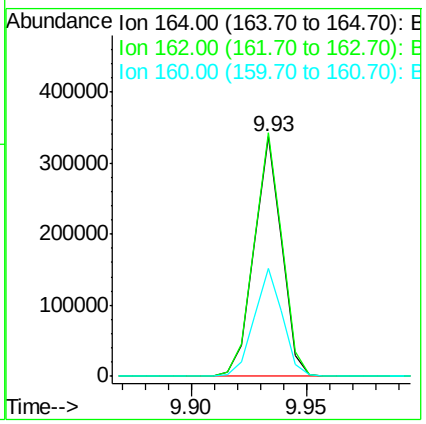


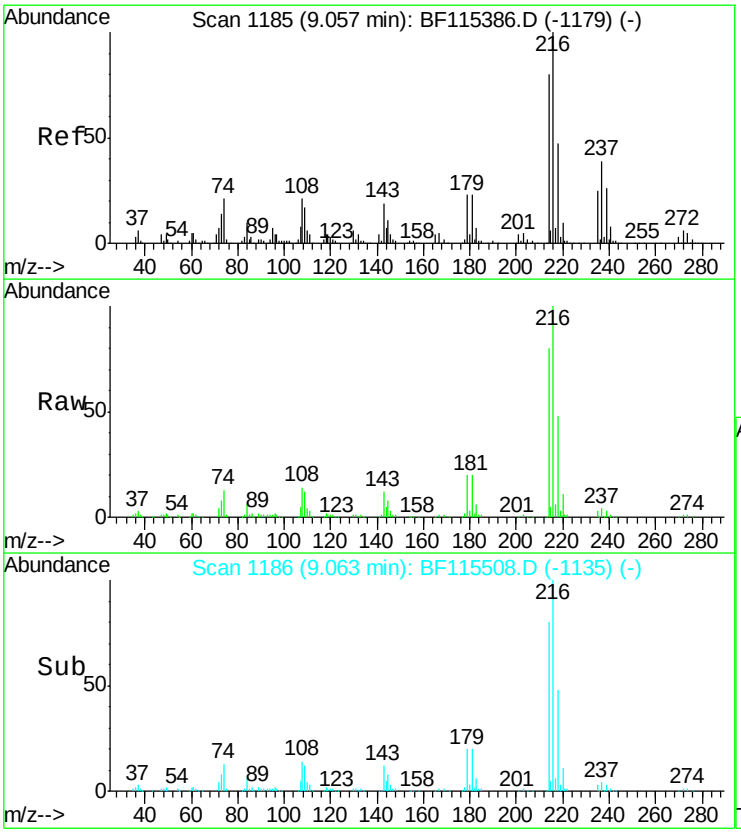
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:164 Resp: 281698

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.3	123.5
160	45.2	37.2	55.8

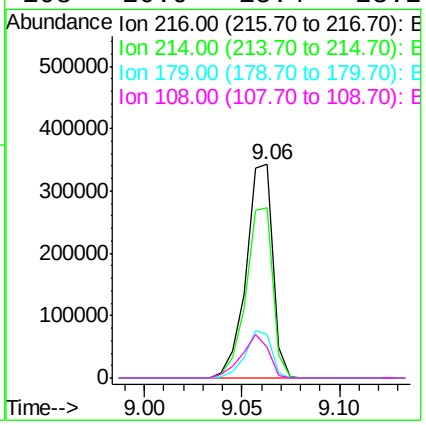


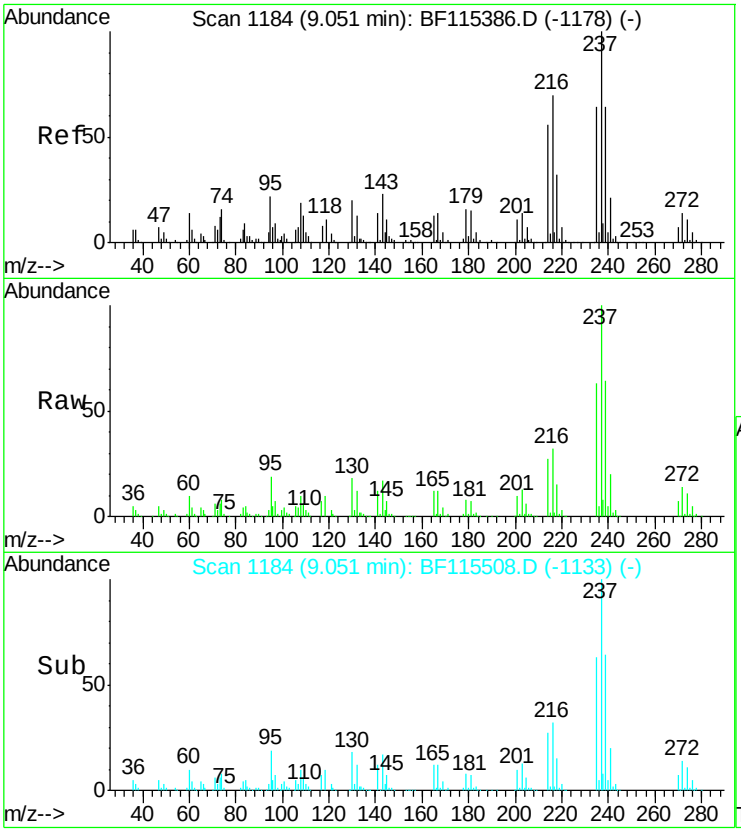


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.917 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:216 Resp: 323489

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.6
179	21.8	17.4	26.0
108	20.9	15.4	23.2



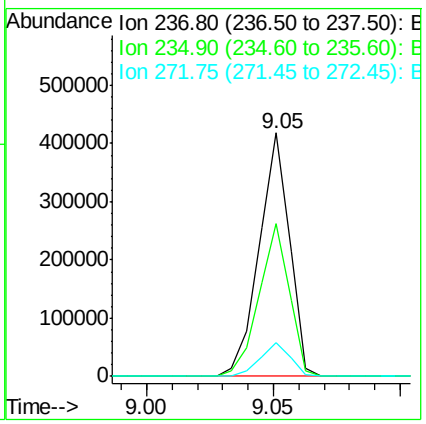


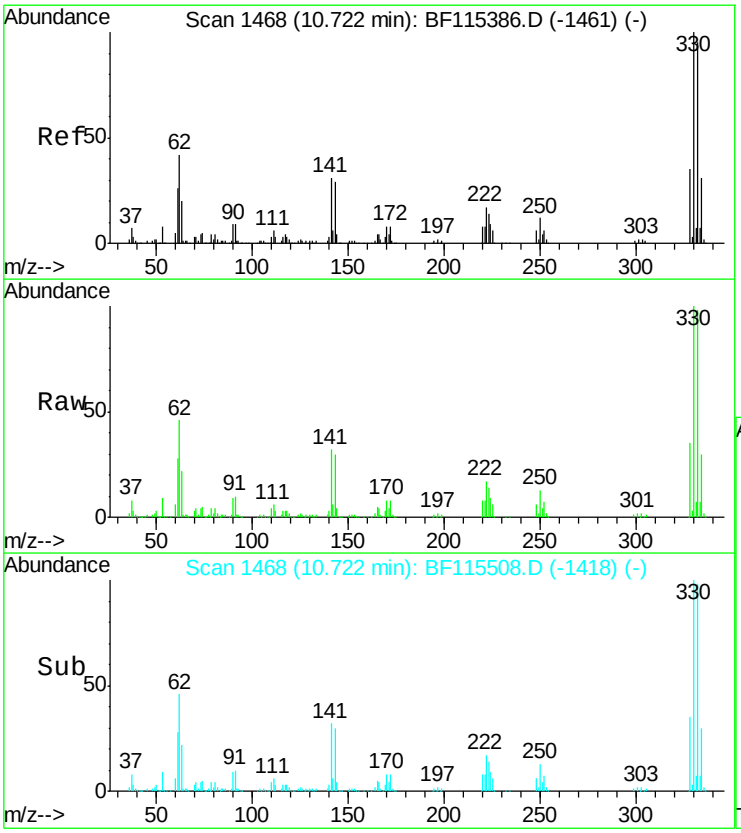
#41
Hexachlorocyclopentadiene
Concen: 74.845 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:237 Resp: 351553

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.4	83.4
272	13.8	0.0	33.6

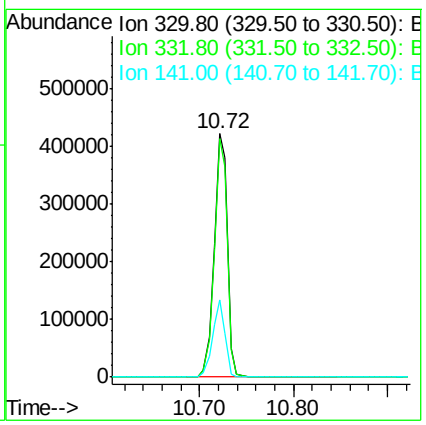


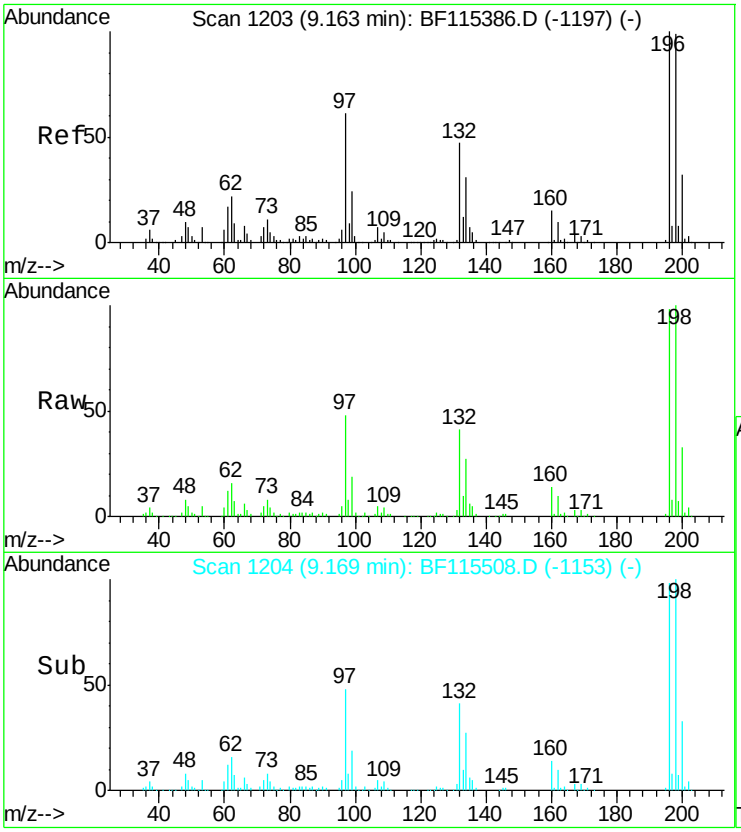


#42
2,4,6-Tribromophenol
Concen: 133.972 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:330 Resp: 417276

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	30.0	24.7	37.1



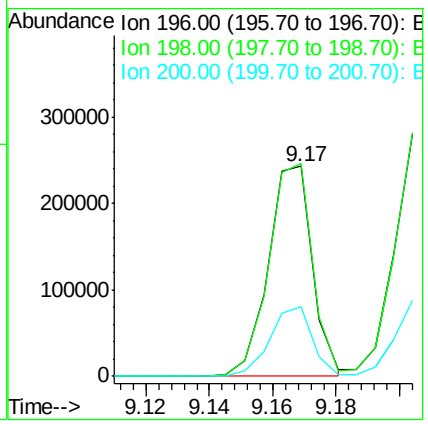


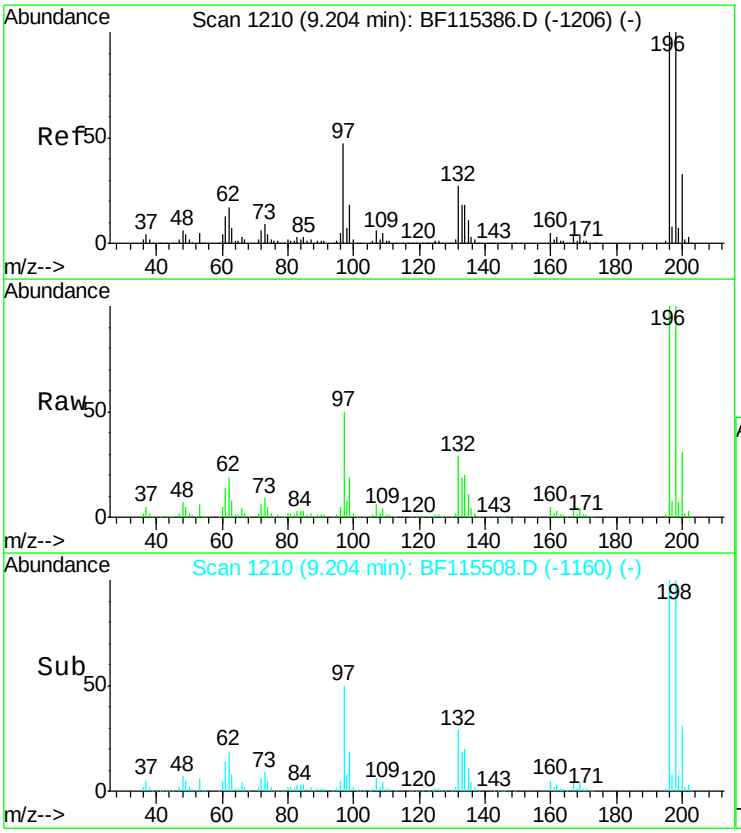
#43
2,4,6-Trichlorophenol
Concen: 39.882 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:196 Resp: 235302

Ion	Ratio	Lower	Upper
196	100		
198	101.8	78.2	117.4
200	33.4	25.0	37.6

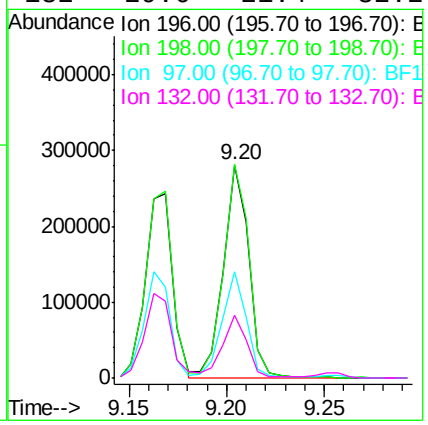


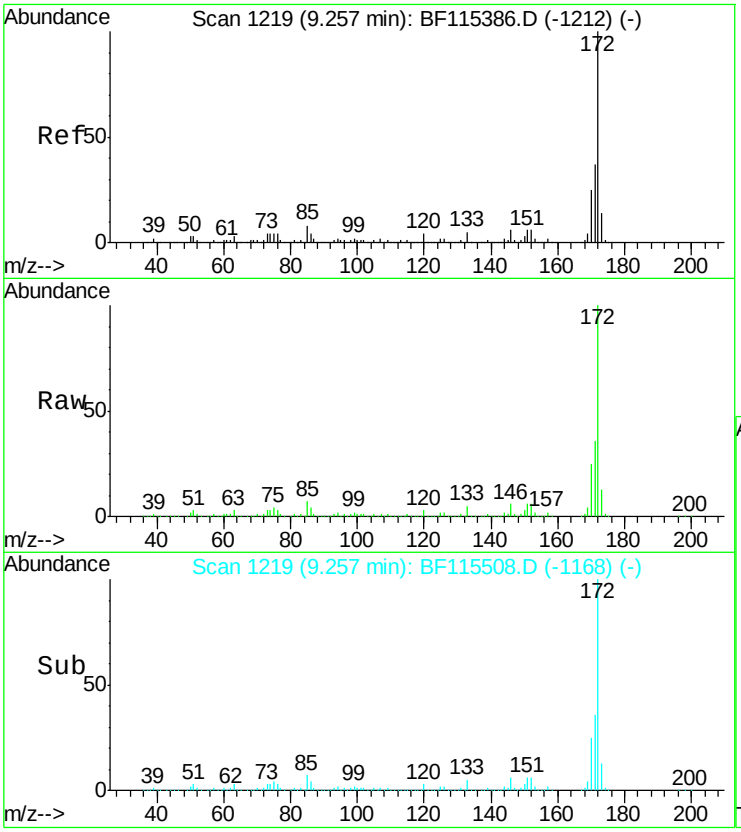


#44
2,4,5-Trichlorophenol
Concen: 41.160 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:196 Resp: 251813

Ion	Ratio	Lower	Upper
196	100		
198	100.5	80.6	120.8
97	49.8	34.0	51.0
132	29.6	21.4	32.2



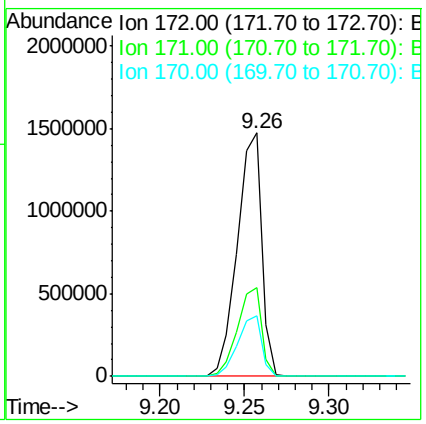


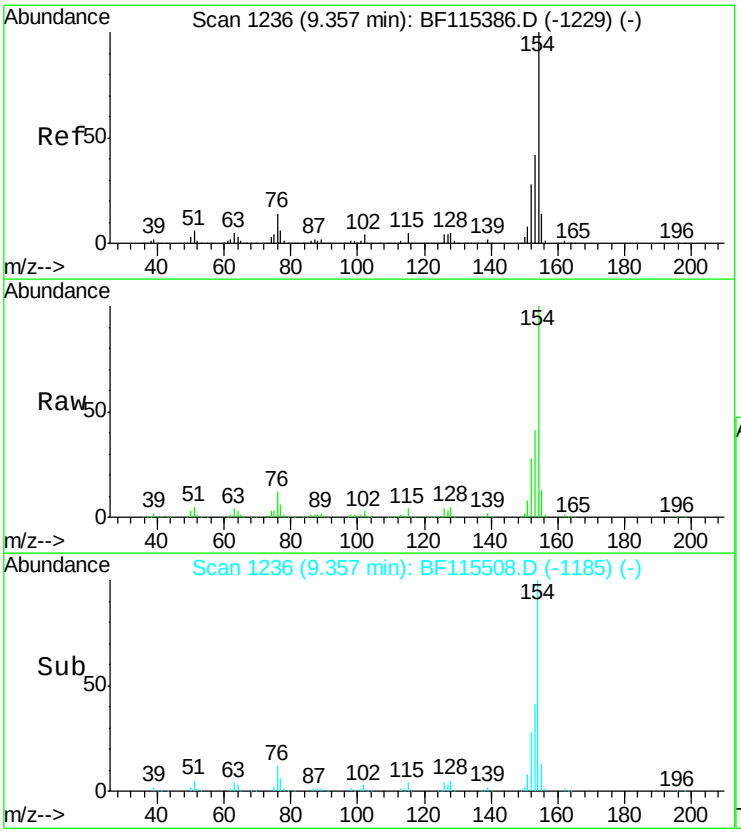
#45
2-Fluorobiphenyl
Concen: 92.500 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:172 Resp: 1484941

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.8
170	24.8	20.0	30.0

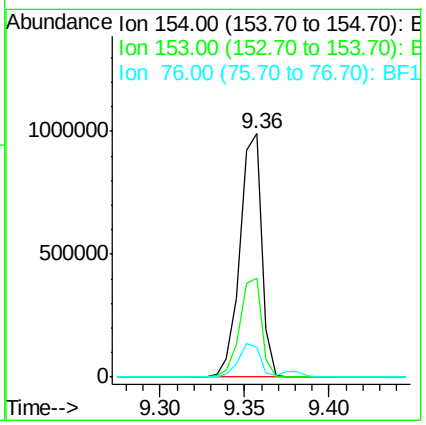


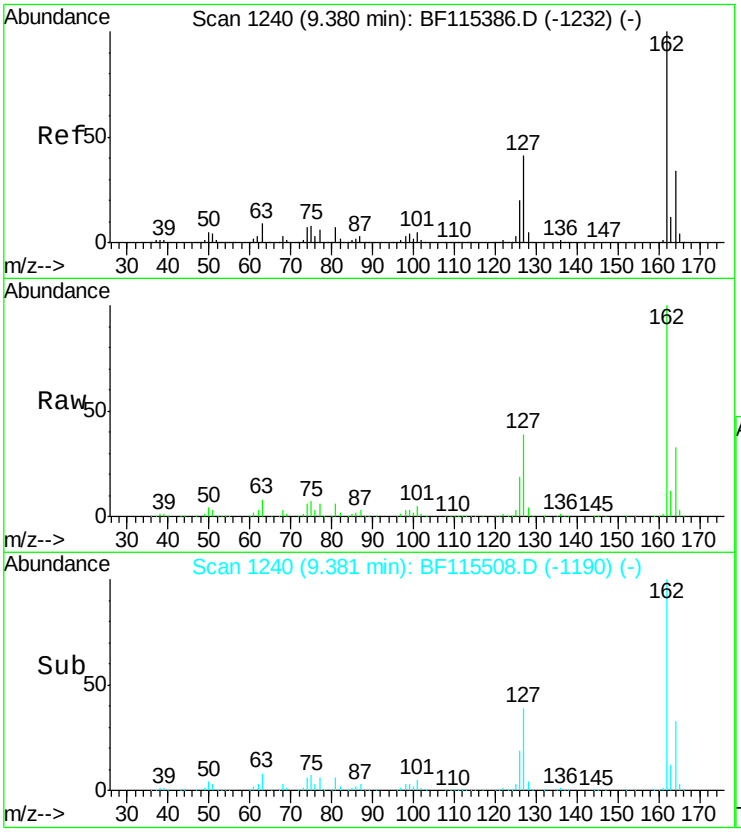


#46
1,1'-Biphenyl
Concen: 40.196 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:154 Resp: 890177

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.5	61.5
76	12.3	0.0	34.6



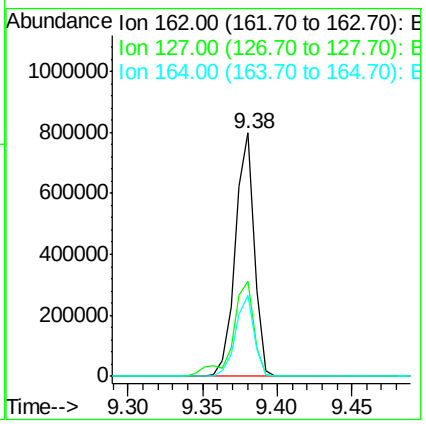


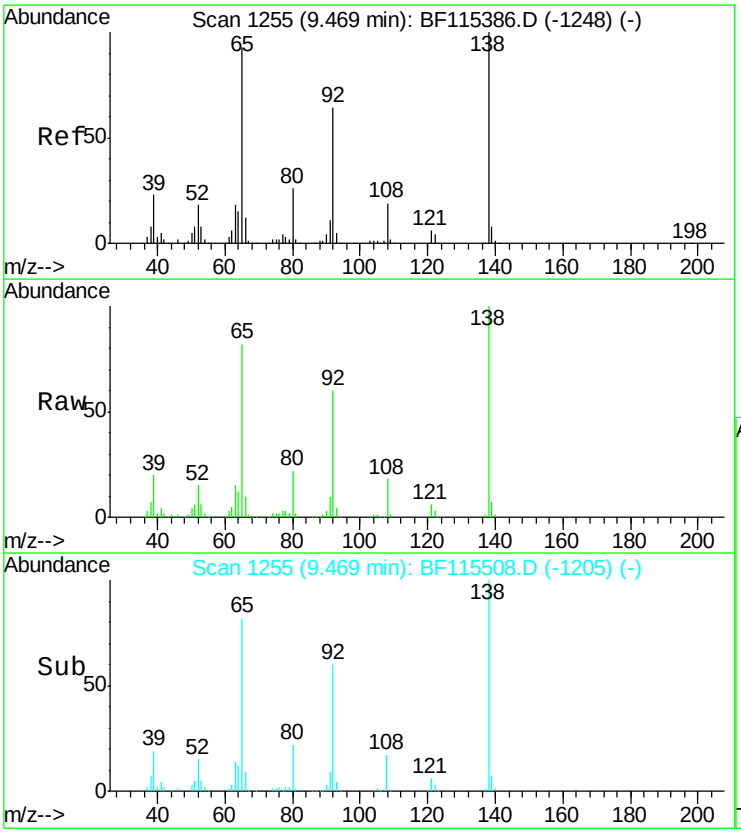
#47
2-Chloronaphthalene
Concen: 38.771 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:162 Resp: 709630

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	33.1	27.2	40.8

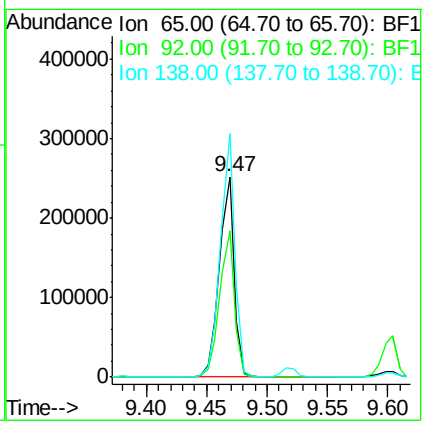


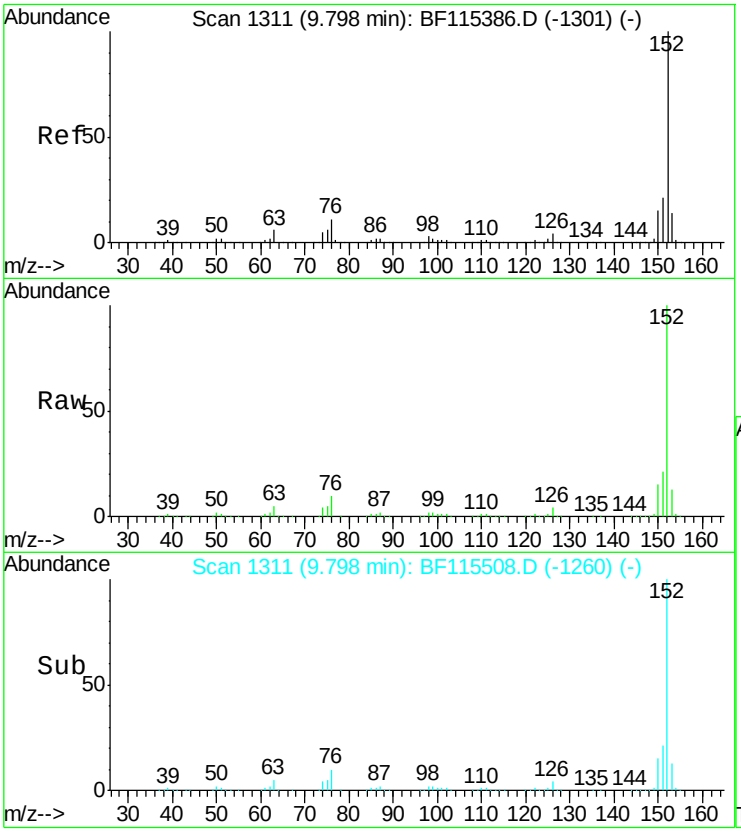


#48
2-Nitroaniline
Concen: 39.734 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 65 Resp: 213668

Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.0	88.4
138	121.6	98.3	147.5



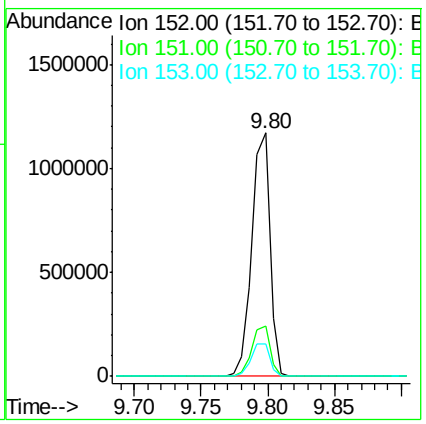


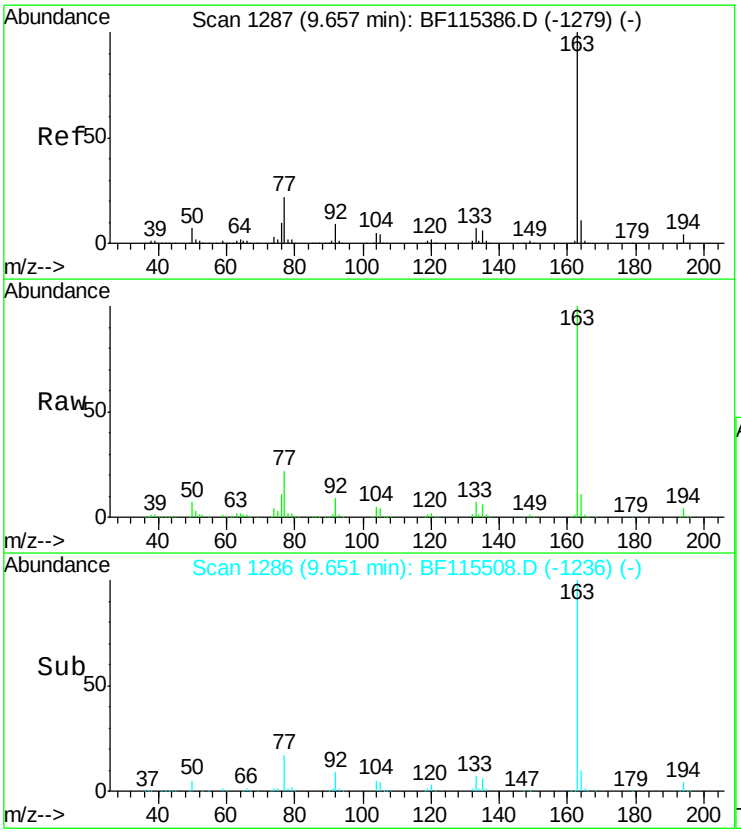
#49
Acenaphthylene
Concen: 39.241 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:152 Resp: 1087423

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	13.5	11.8	17.6

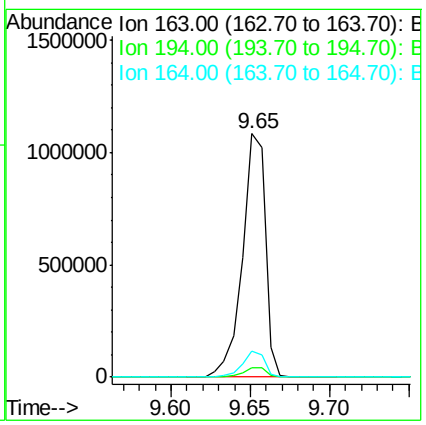


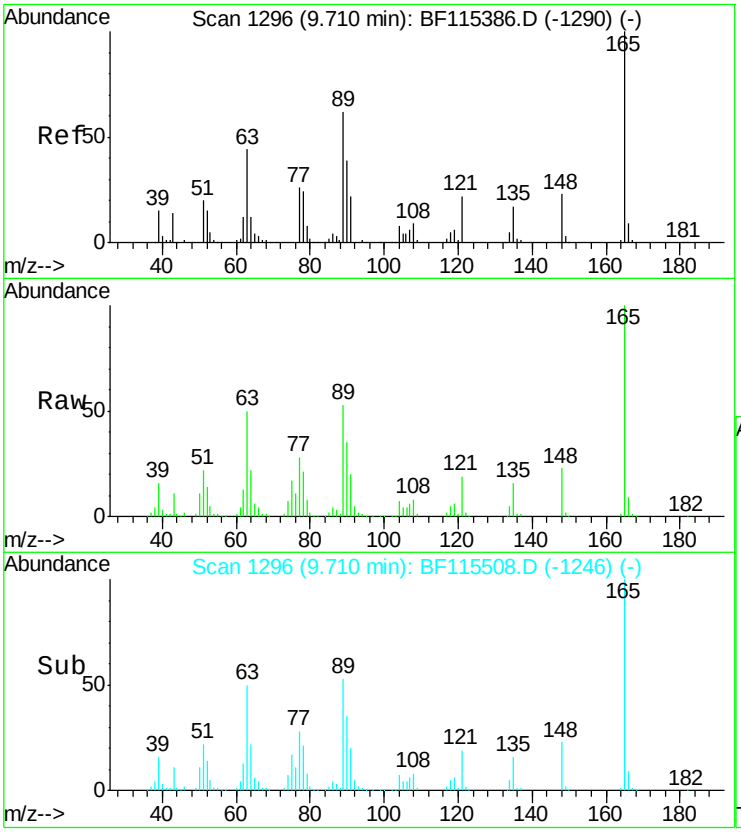


#50
Dimethylphthalate
Concen: 51.174 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:163 Resp: 1081987

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.7	8.6	13.0



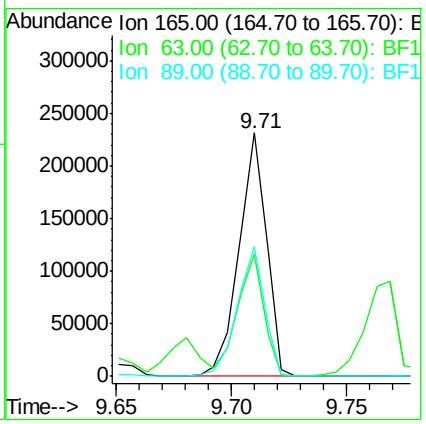


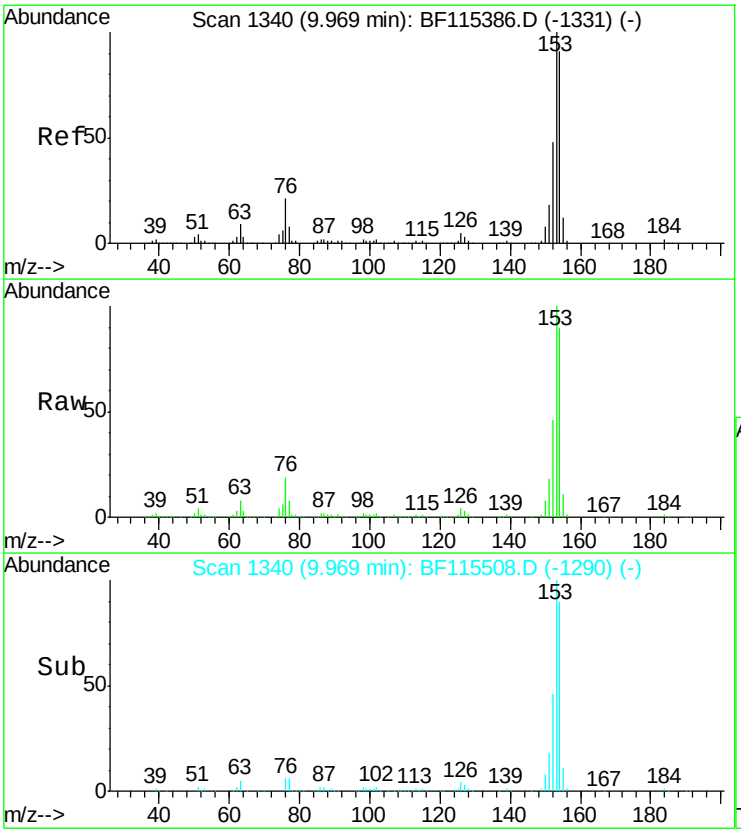
#51
2,6-Dinitrotoluene
Concen: 42.257 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:165 Resp: 193772

Ion	Ratio	Lower	Upper
165	100		
63	50.0	39.7	59.5
89	53.2	42.8	64.2

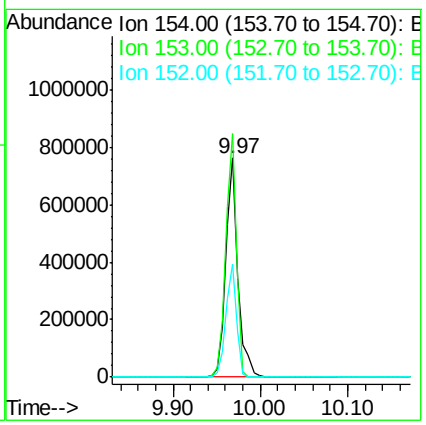


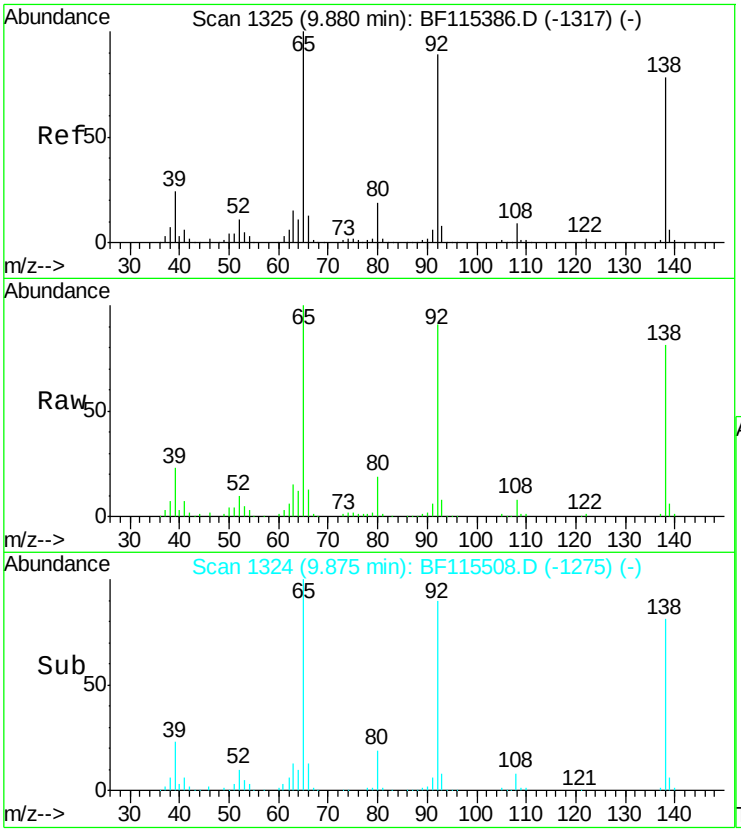


#52
Acenaphthene
Concen: 41.995 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:154 Resp: 732405

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.8	134.8
152	51.4	41.4	62.0



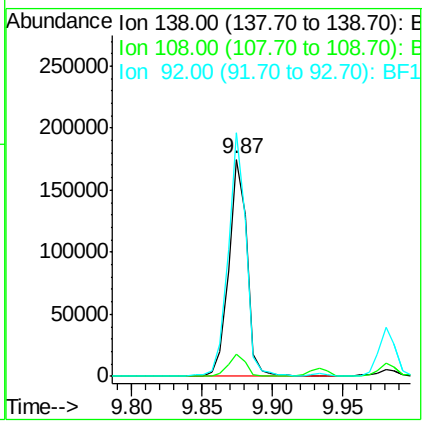


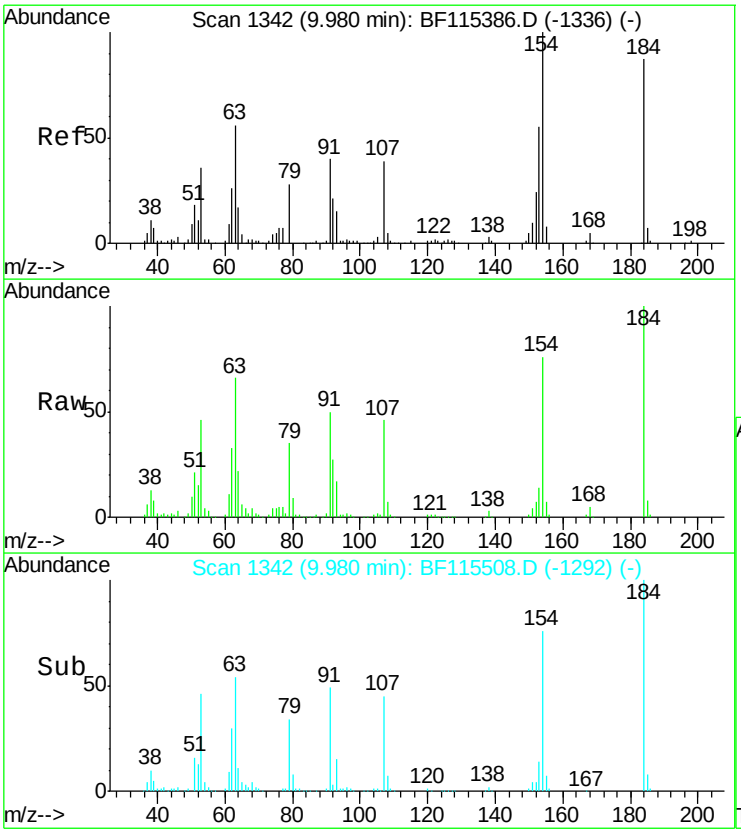
#53
3-Nitroaniline
Concen: 29.455 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:138 Resp: 156872

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	112.0	86.1	129.1

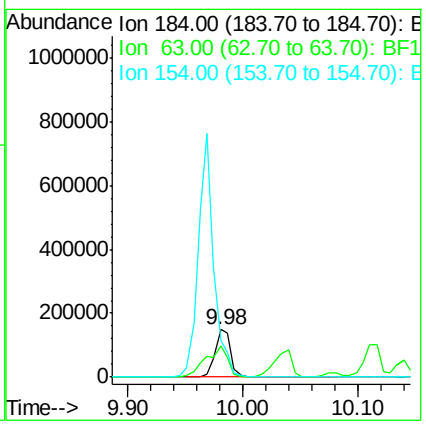


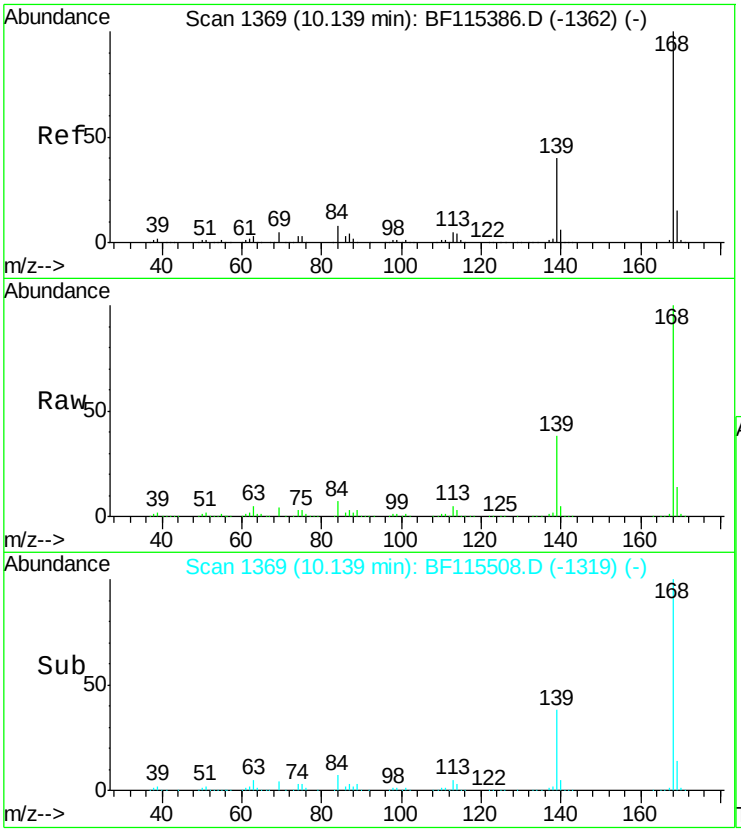


#54
2,4-Dinitrophenol
Concen: 71.614 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:184 Resp: 139392

Ion	Ratio	Lower	Upper
184	100		
63	65.5	45.8	68.6
154	76.4	52.8	79.2



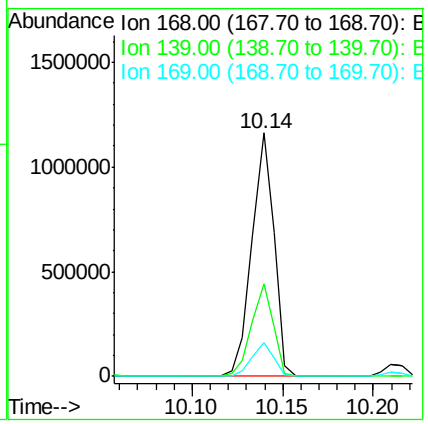


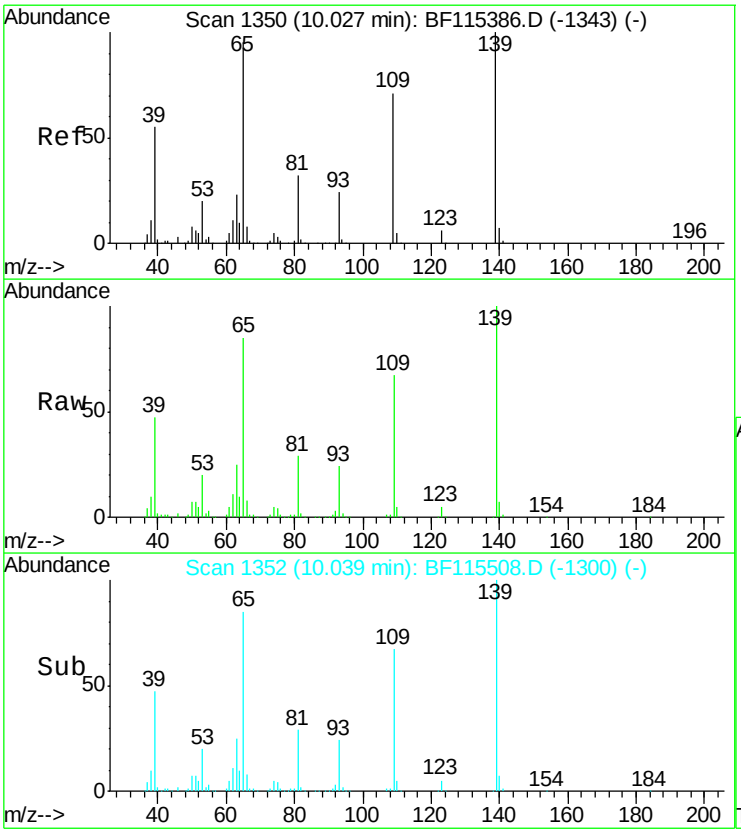
#55
Dibenzofuran
Concen: 40.262 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:168 Resp: 989143

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.6	46.0
169	14.0	11.0	16.6

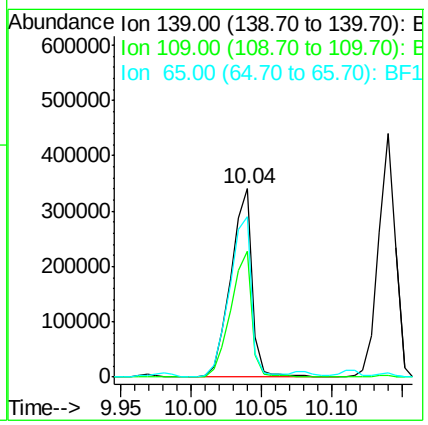


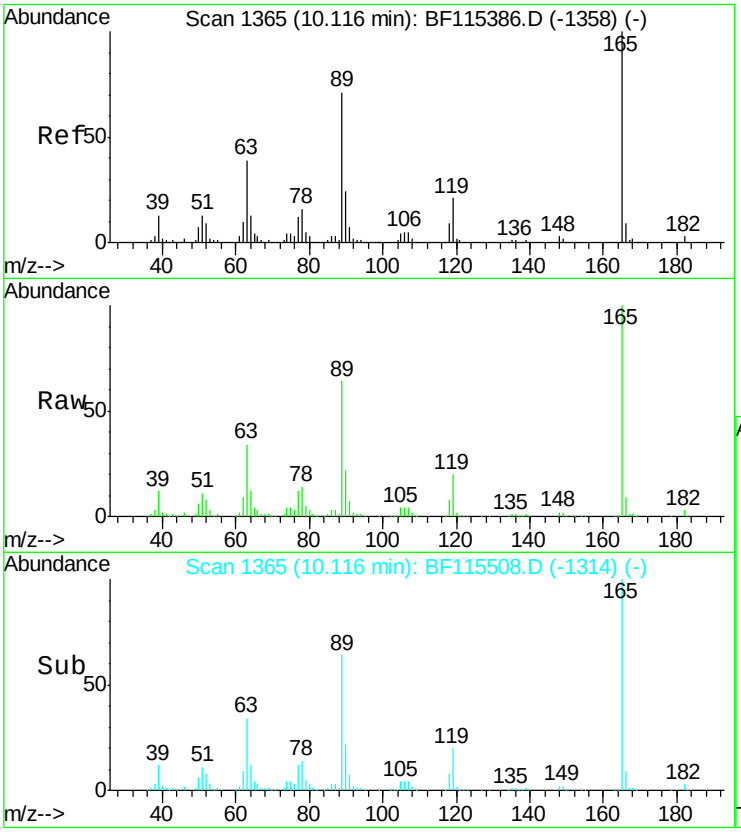


#56
4-Nitrophenol
Concen: 87.227 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:139 Resp: 359420

Ion	Ratio	Lower	Upper
139	100		
109	66.7	46.4	86.4
65	85.5	73.4	113.4



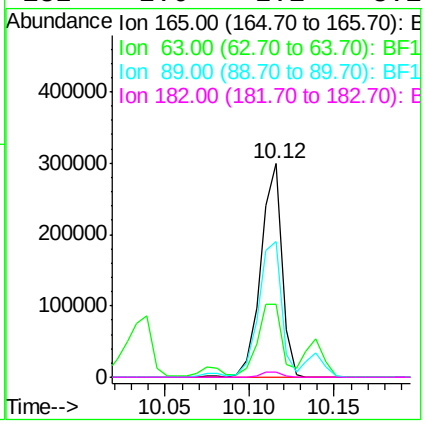


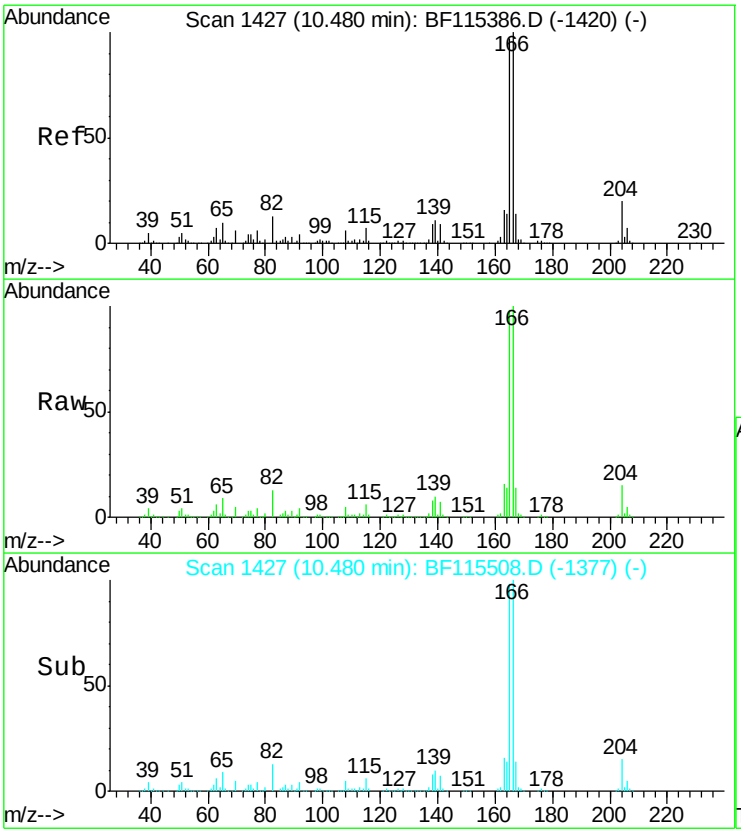
#57
2,4-Dinitrotoluene
Concen: 44.692 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:165 Resp: 260449

Ion	Ratio	Lower	Upper
165	100		
63	34.2	33.0	49.4
89	63.7	58.5	87.7
182	2.6	2.1	3.1

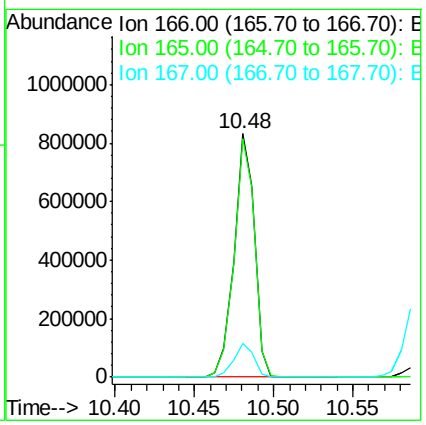


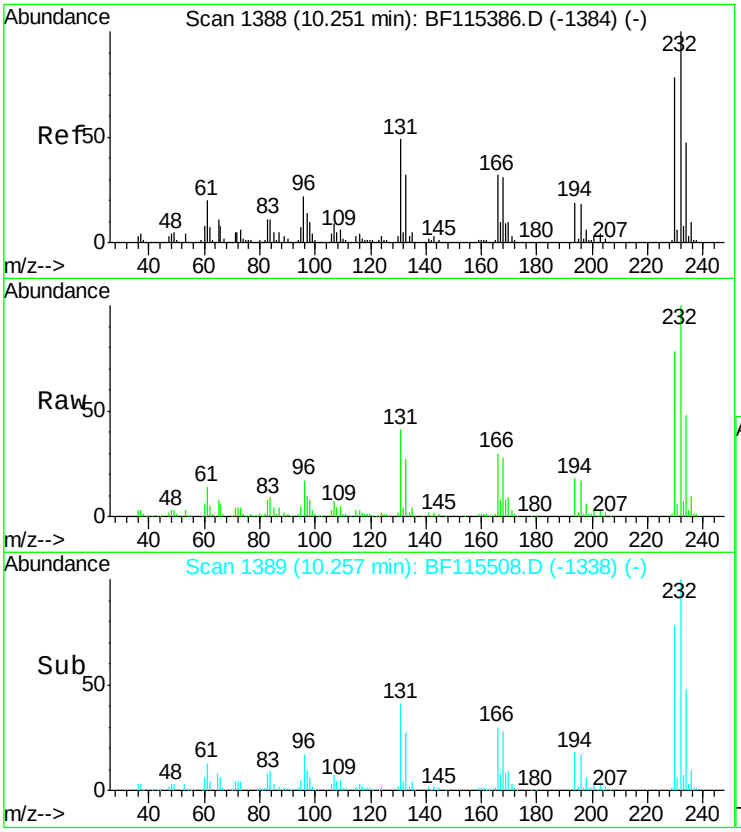


#58
Fluorene
Concen: 38.046 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:166 Resp: 736824

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.7	10.8	16.2



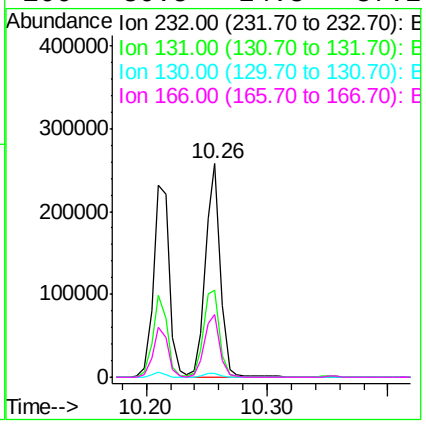


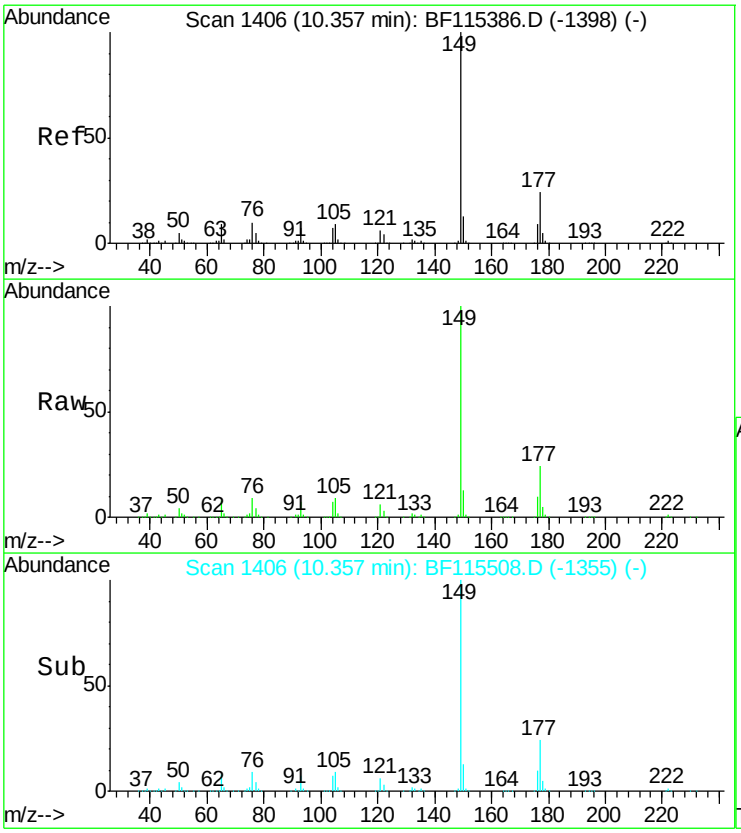
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.292 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:232 Resp: 218228

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.4	53.0
130	2.1	1.7	2.5
166	30.5	24.8	37.2

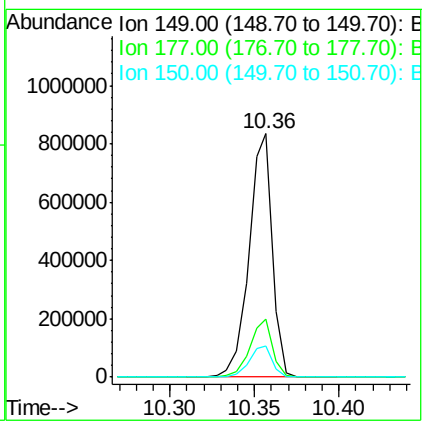


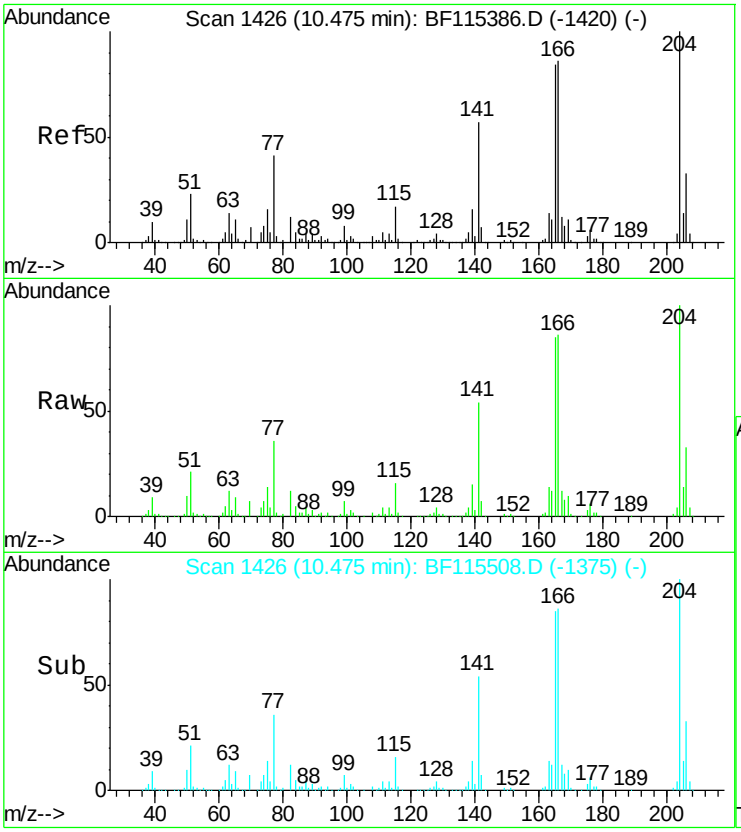


#60
Diethylphthalate
Concen: 38.587 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 803043

Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.4
150	12.7	10.4	15.6



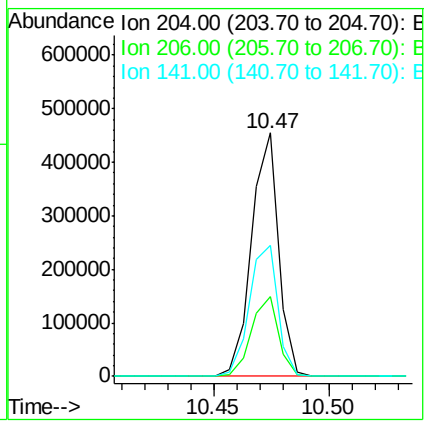


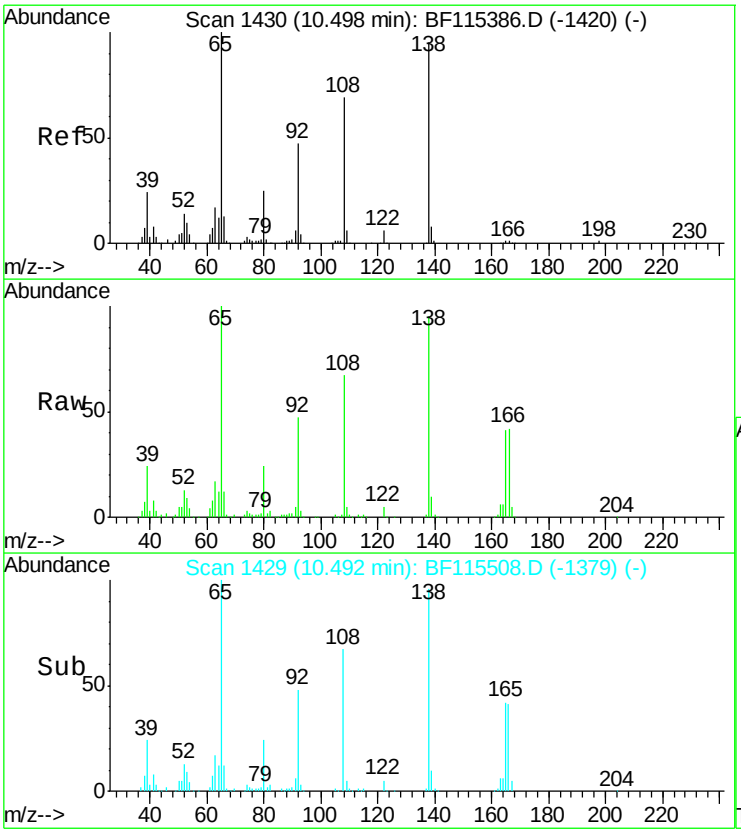
#61
4-Chlorophenyl-phenylether
Concen: 39.433 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:204 Resp: 372734

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.8	40.2
141	53.7	47.9	71.9

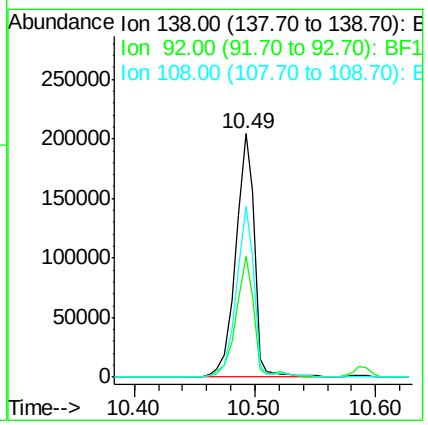


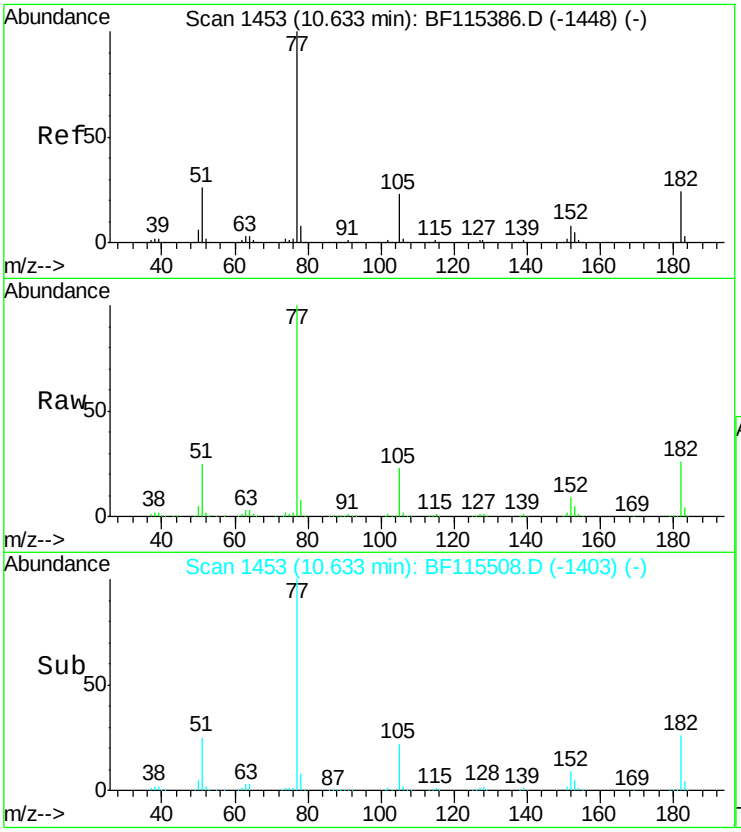


#62
4-Nitroaniline
Concen: 42.066 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:138 Resp: 219908

Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.9	69.9
108	70.1	49.0	89.0



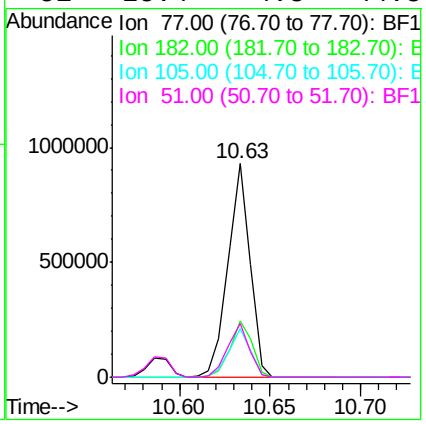


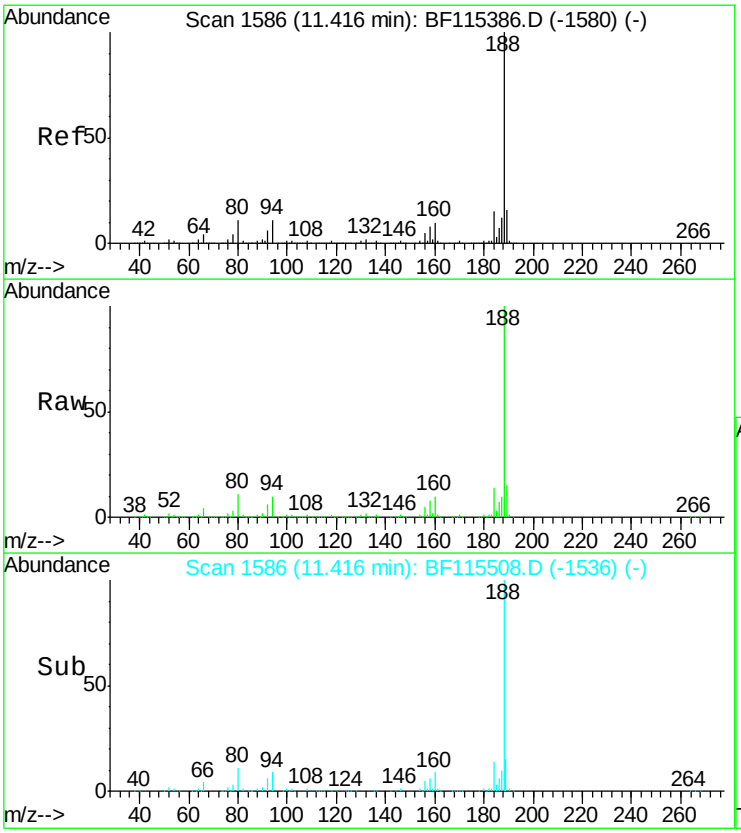
#63
Azobenzene
Concen: 36.865 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion: 77 Resp: 790853

Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.7	47.7
105	23.1	3.6	43.6
51	25.4	4.8	44.8

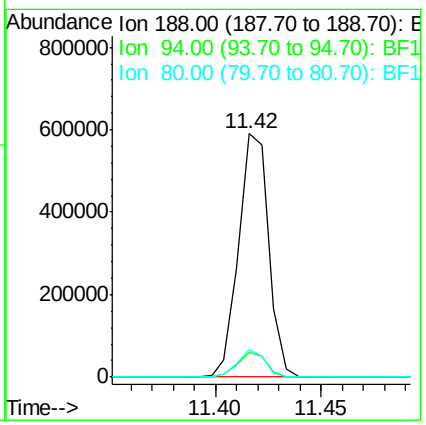


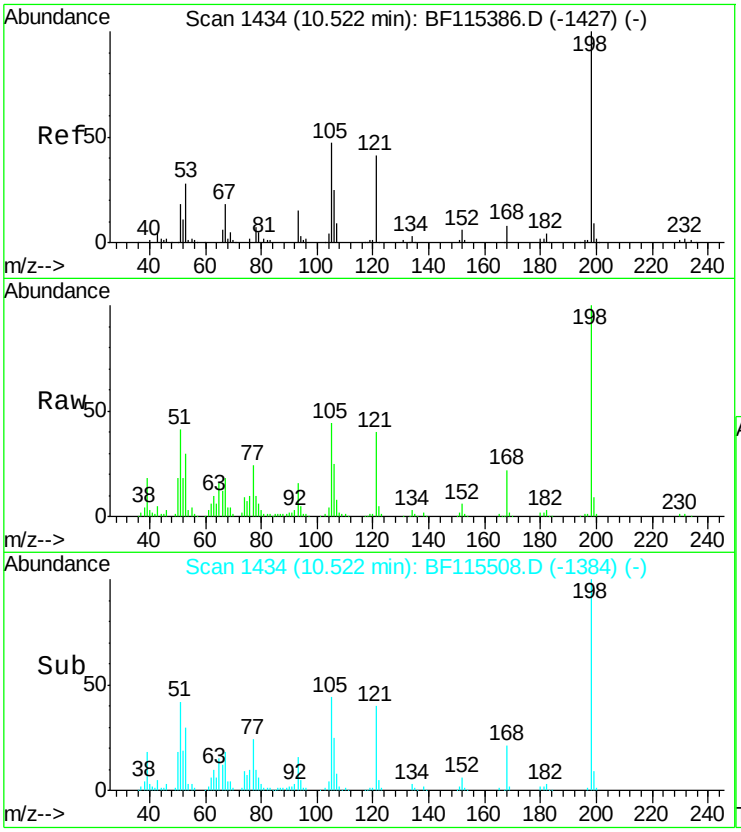


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:188 Resp: 581652

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.8
80	11.3	8.4	12.6



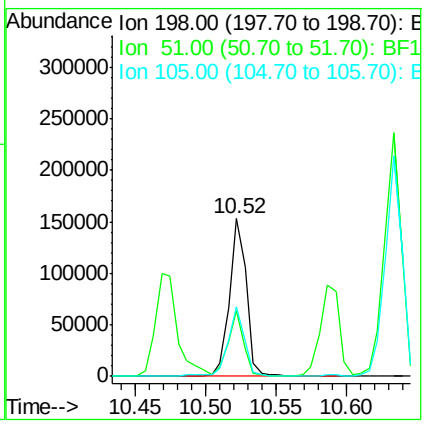


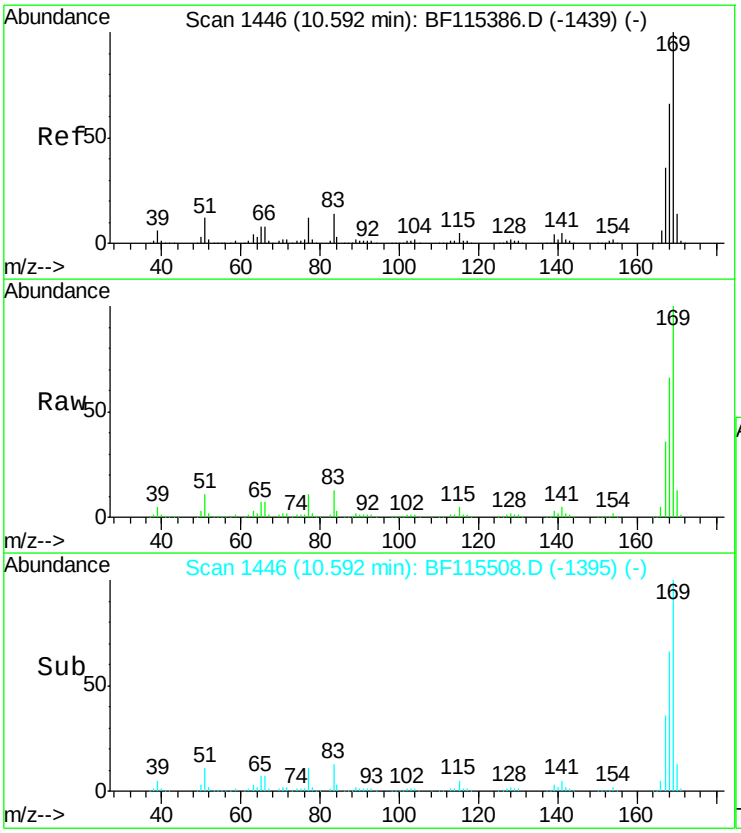
#65
4,6-Dinitro-2-methylphenol
Concen: 46.216 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:198 Resp: 127743

Ion	Ratio	Lower	Upper
198	100		
51	41.5	20.7	60.7
105	44.3	25.3	65.3

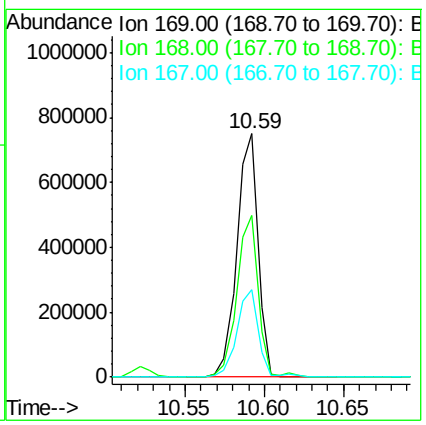


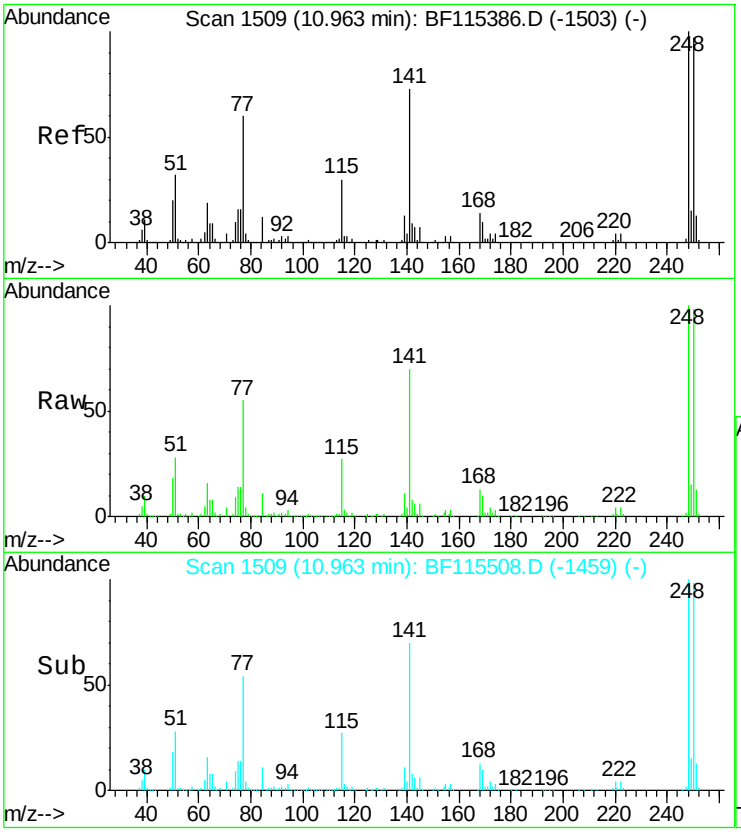


#66
n-Nitrosodiphenylamine
Concen: 37.661 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:169 Resp: 690212

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.0	29.4	44.2



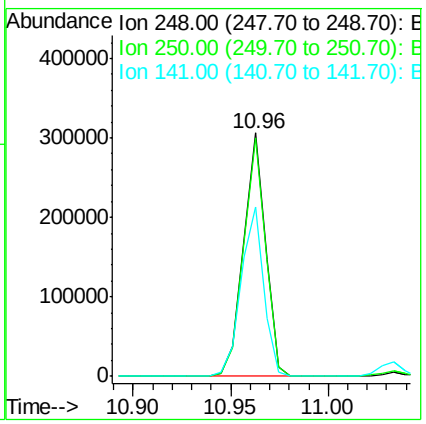


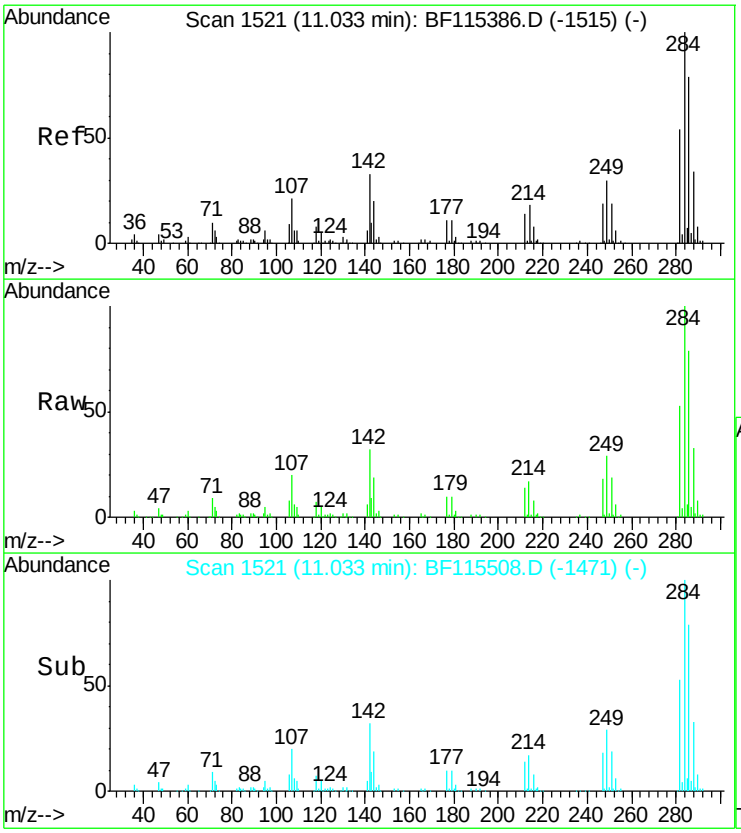
#67
4-Bromophenyl-phenylether
Concen: 36.923 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:248 Resp: 240983

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	69.7	52.2	78.2

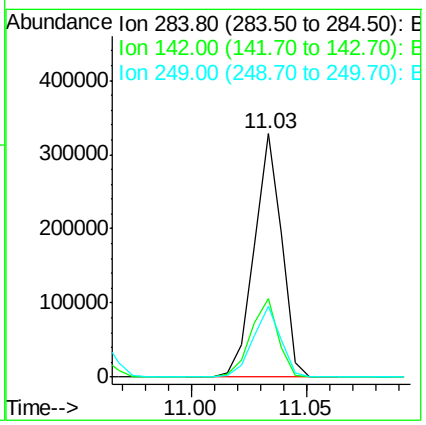


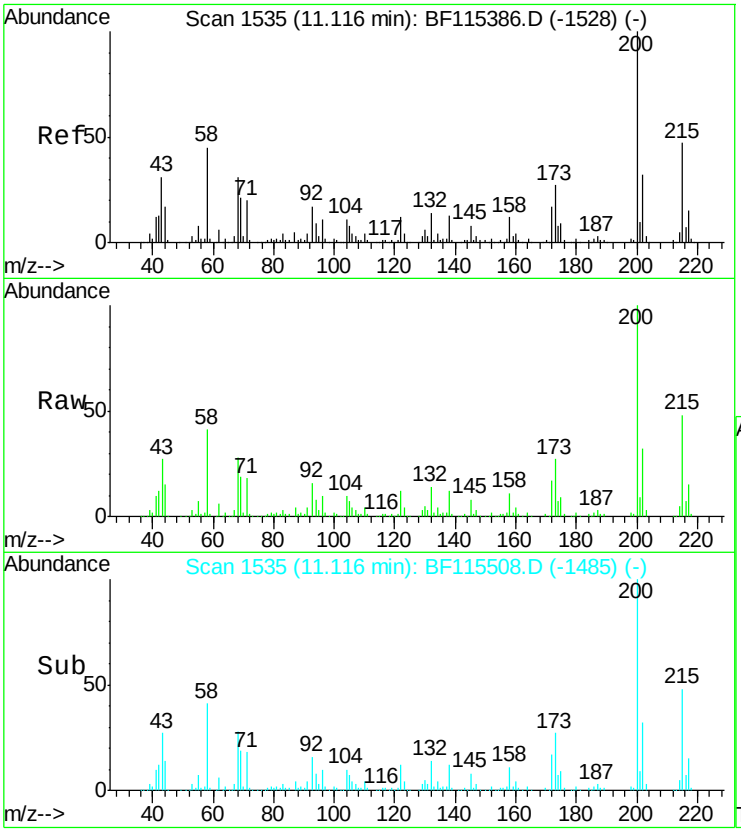


#68
Hexachlorobenzene
Concen: 37.238 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:284 Resp: 272718

Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.9	35.9
249	29.2	23.6	35.4



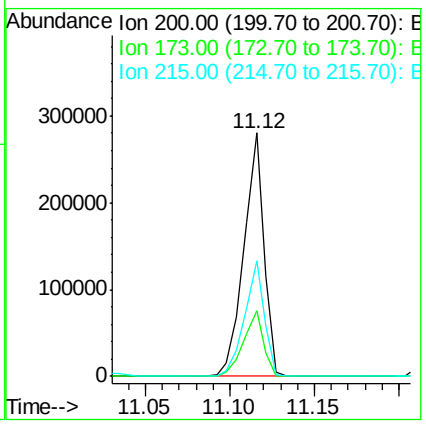


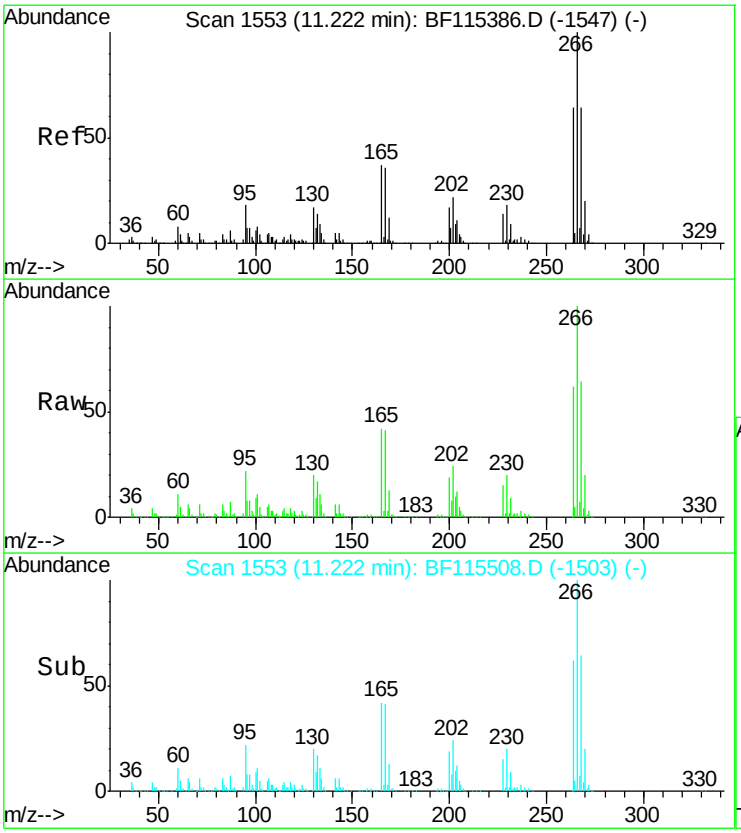
#69
Atrazine
Concen: 41.486 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:200 Resp: 235299

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.0	47.0
215	47.6	27.8	67.8

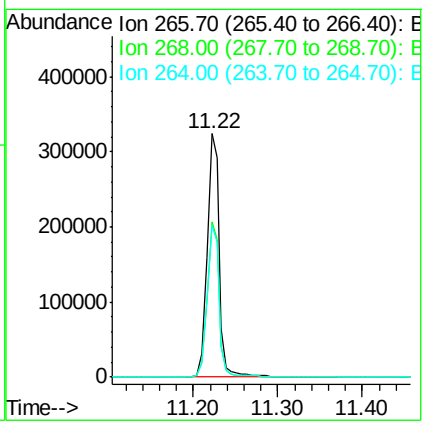


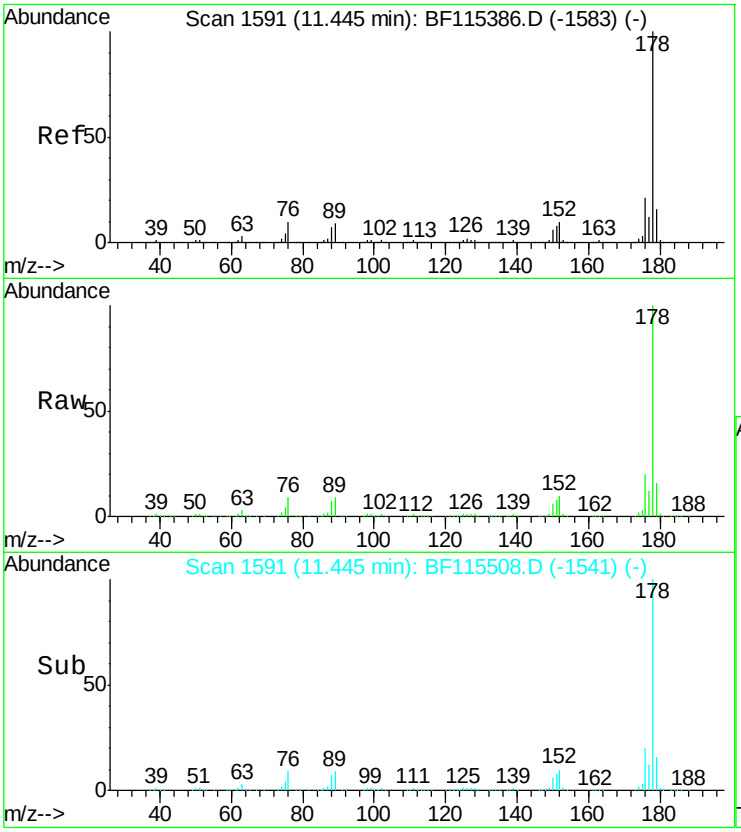


#70
Pentachlorophenol
Concen: 73.321 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:266 Resp: 327249

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.2	76.8
264	62.3	50.6	75.8



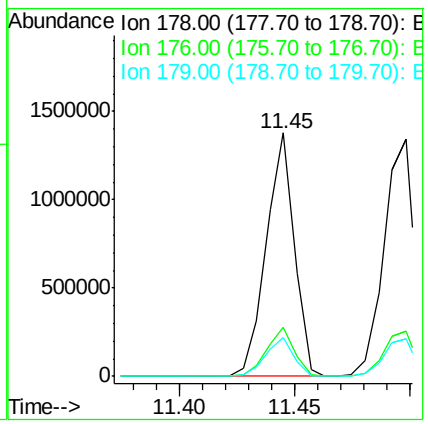


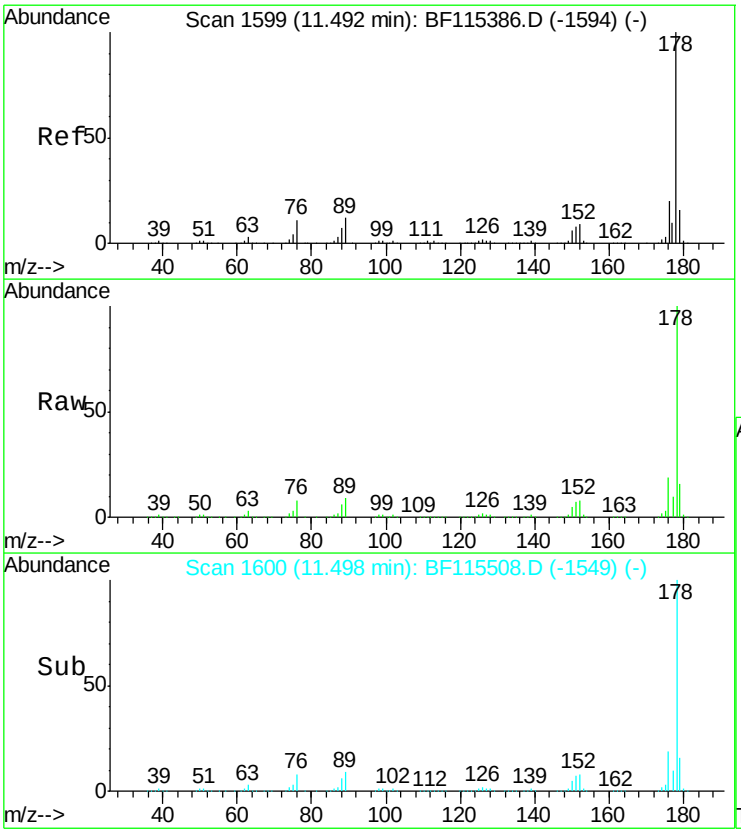
#71
Phenanthrene
Concen: 38.232 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:178 Resp: 1169527

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	24.8
179	16.0	12.7	19.1

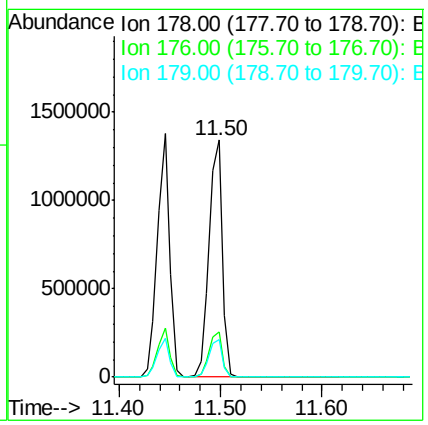


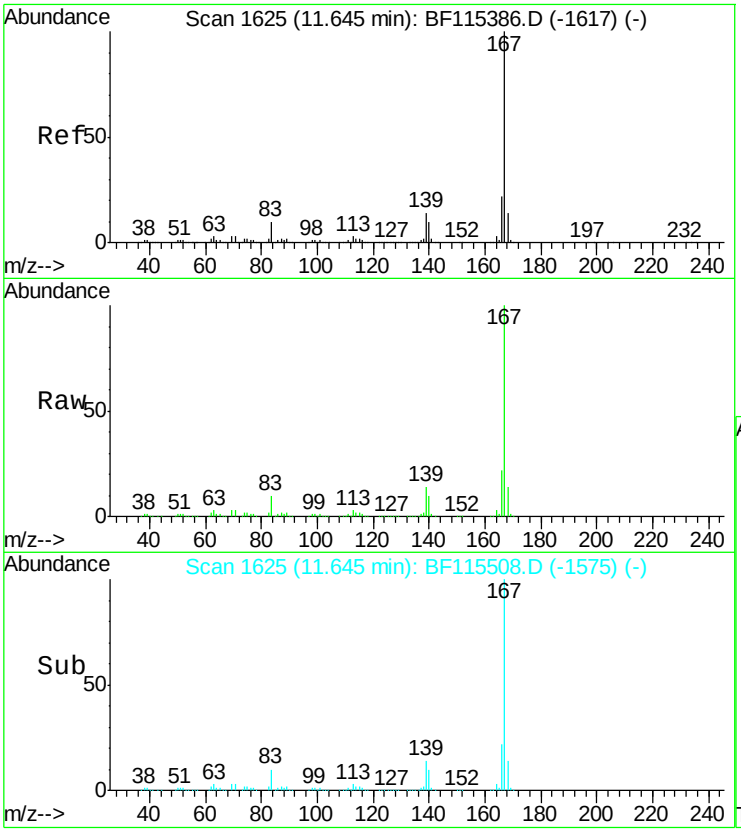


#72
Anthracene
Concen: 39.957 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:178 Resp: 1225684

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.6	13.0	19.6



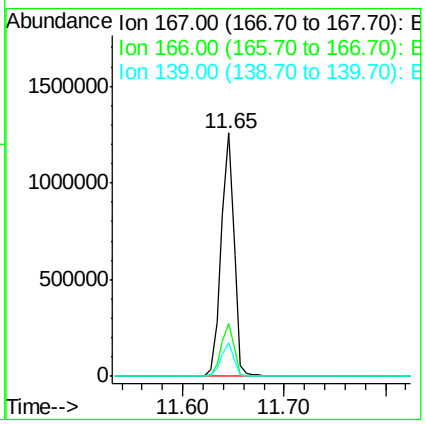


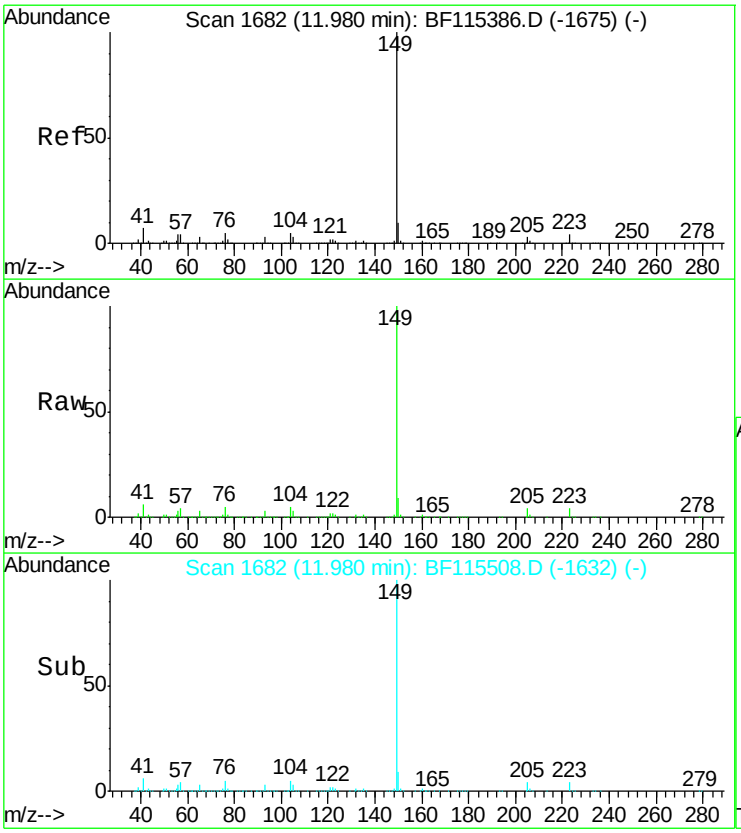
#73
Carbazole
Concen: 39.766 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:167 Resp: 1115967

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.8	10.9	16.3

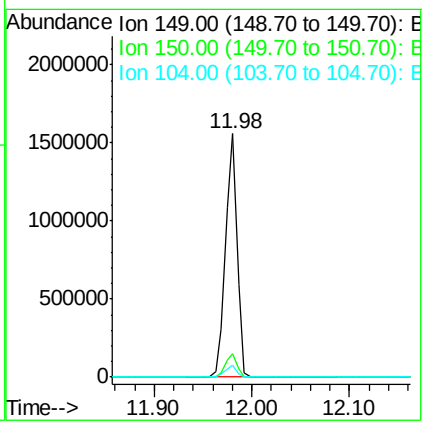


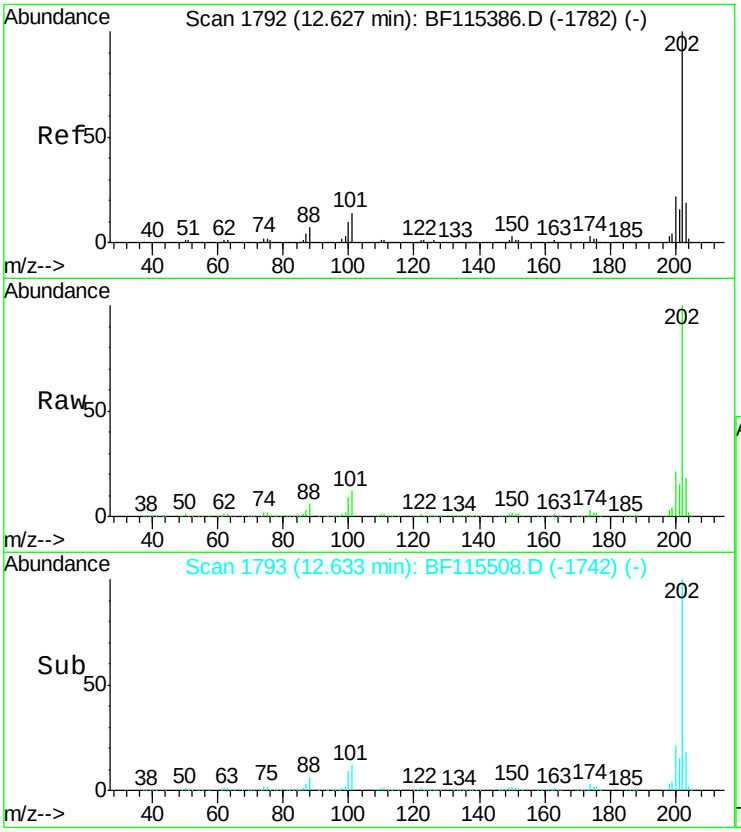


#74
Di-n-butylphthalate
Concen: 37.676 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 1277799

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.0	3.9	5.9



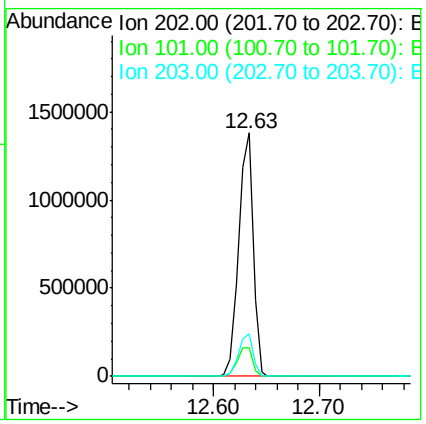


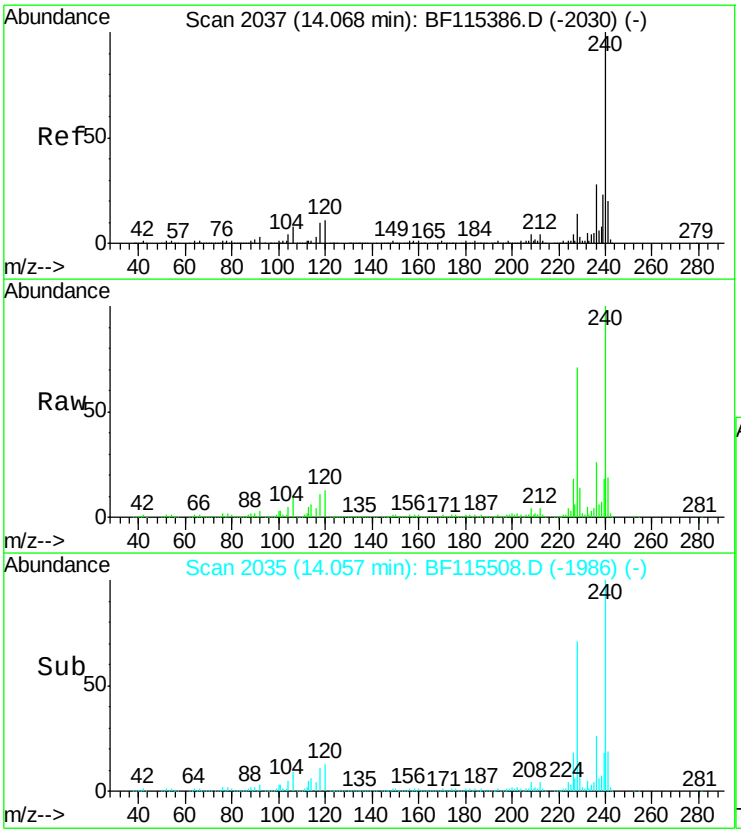
#75
Fluoranthene
Concen: 40.158 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:202 Resp: 1293470

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.9
203	17.8	0.0	38.4

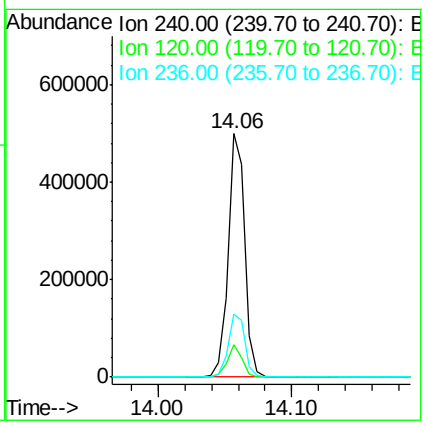


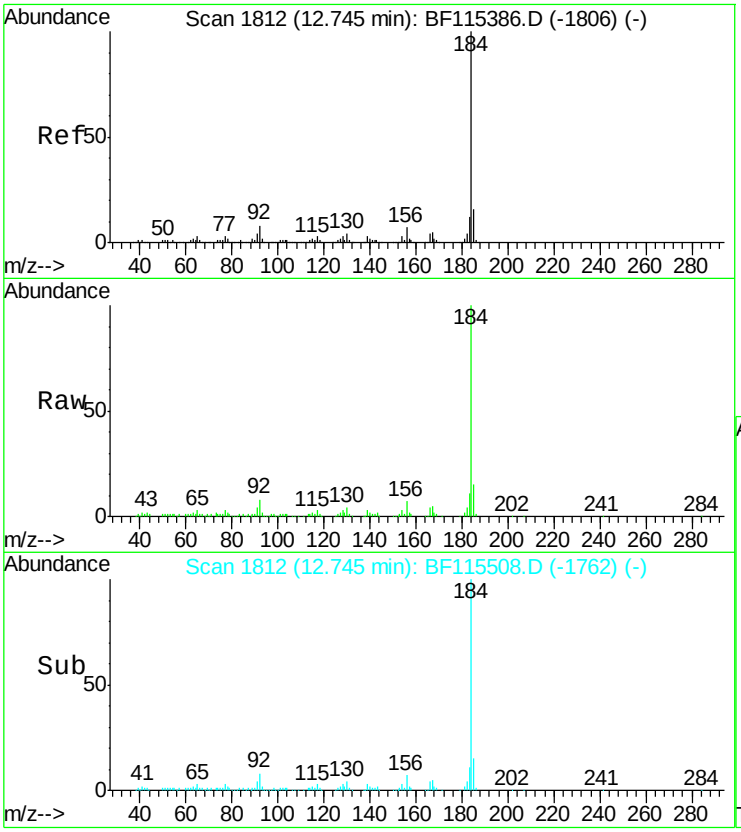


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:240 Resp: 434917

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.2	15.4
236	26.2	21.1	31.7



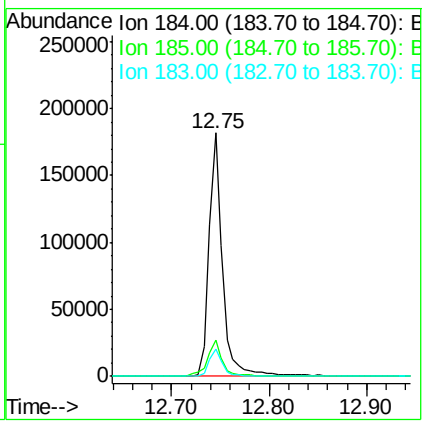


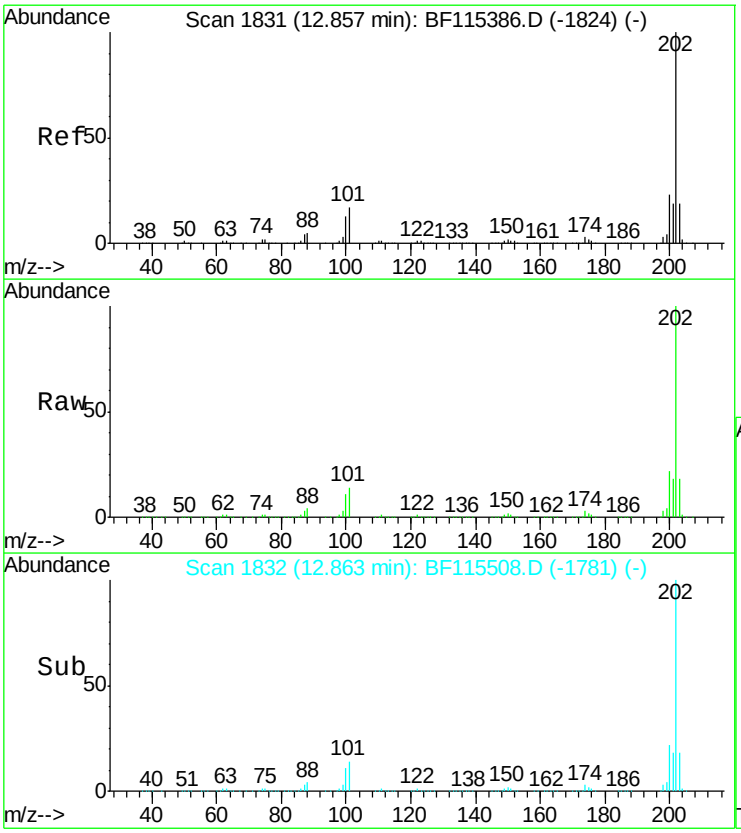
#77
Benzidine
Concen: 10.251 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:184 Resp: 173860

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.0	19.6
183	11.2	9.7	14.5

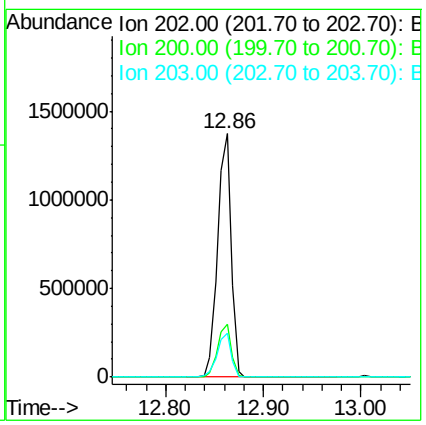


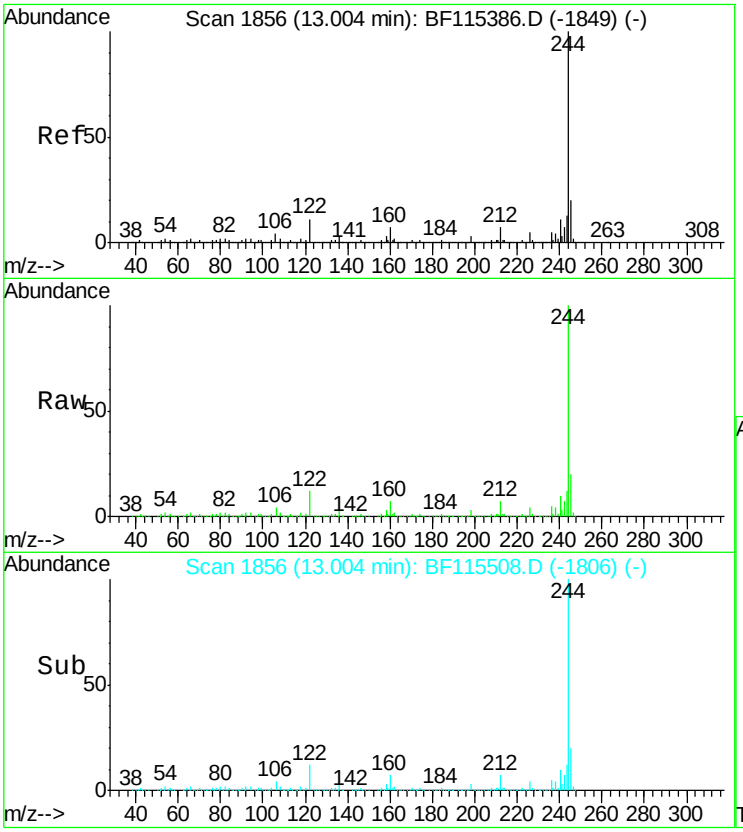


#78
Pyrene
Concen: 39.316 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:202 Resp: 1329700

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.0	14.7	22.1



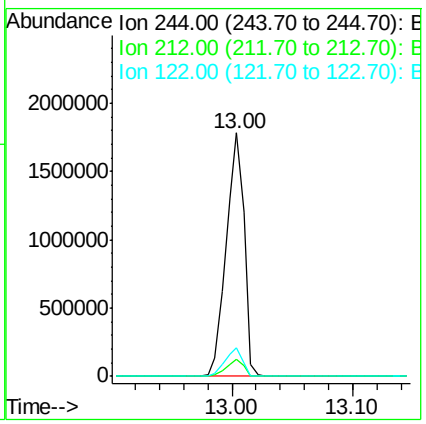


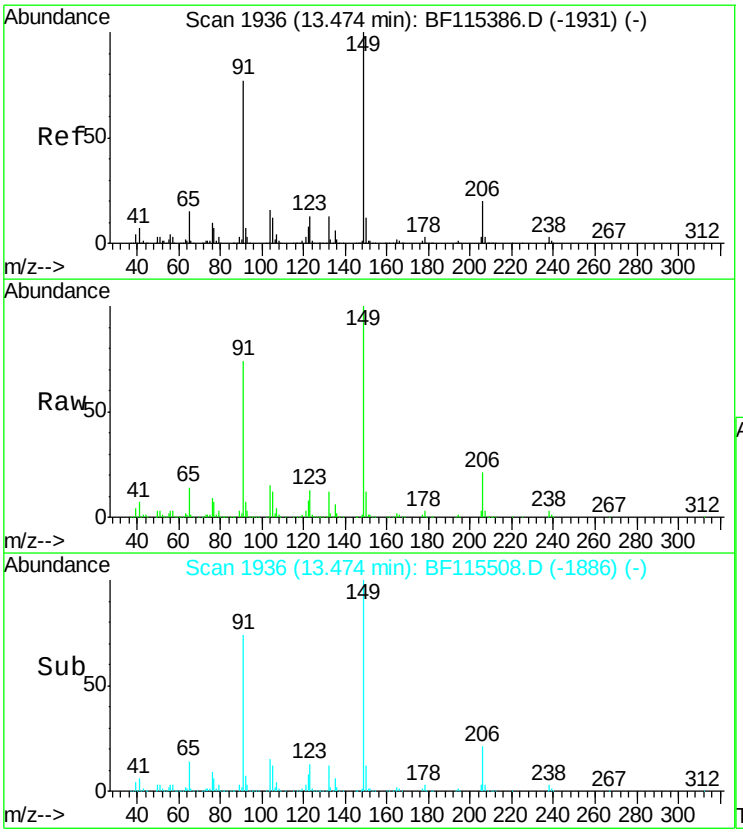
#79
Terphenyl-d14
Concen: 85.921 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:244 Resp: 1825085

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.5	9.1	13.7

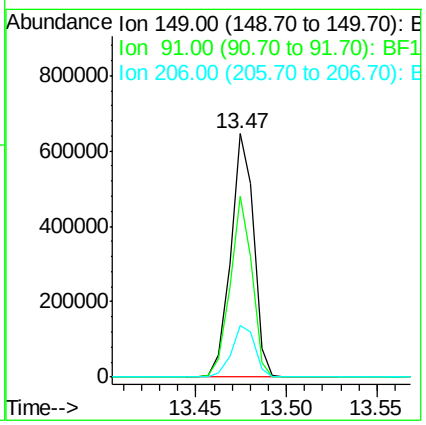


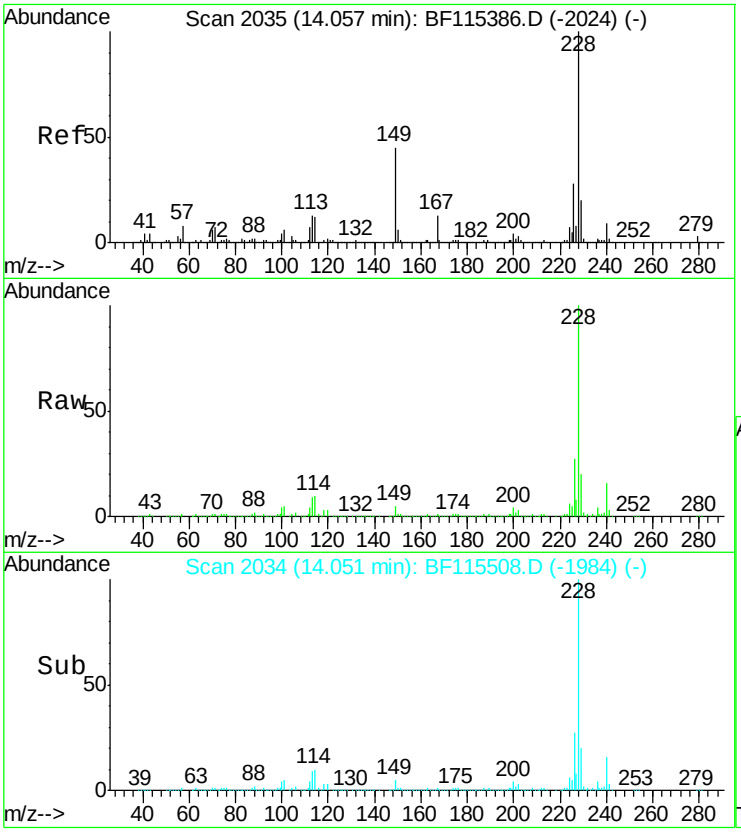


#80
Butylbenzylphthalate
Concen: 38.373 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 567046

Ion	Ratio	Lower	Upper
149	100		
91	74.1	57.8	86.6
206	21.0	16.9	25.3



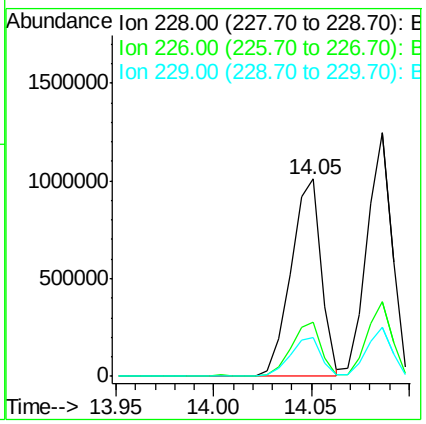


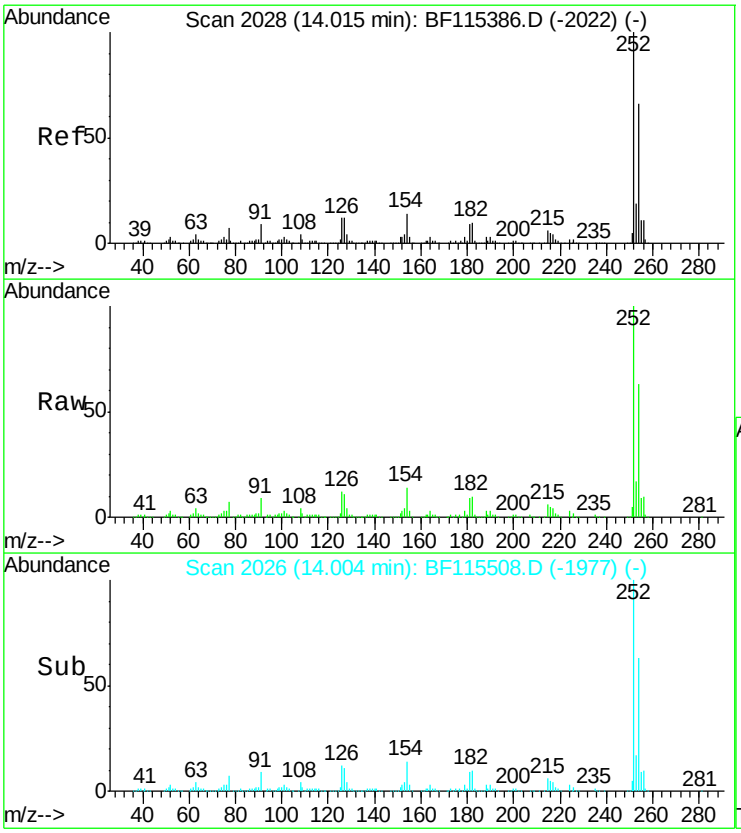
#81
Benzo(a)anthracene
Concen: 38.891 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:228 Resp: 1083752

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.8	16.4	24.6

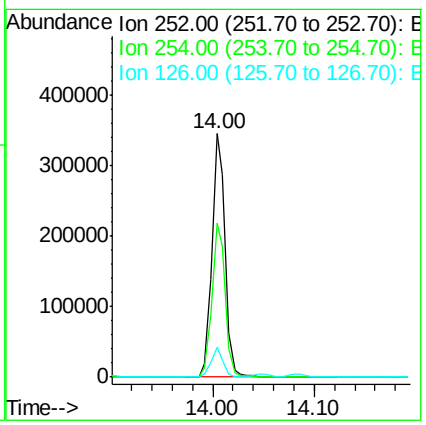


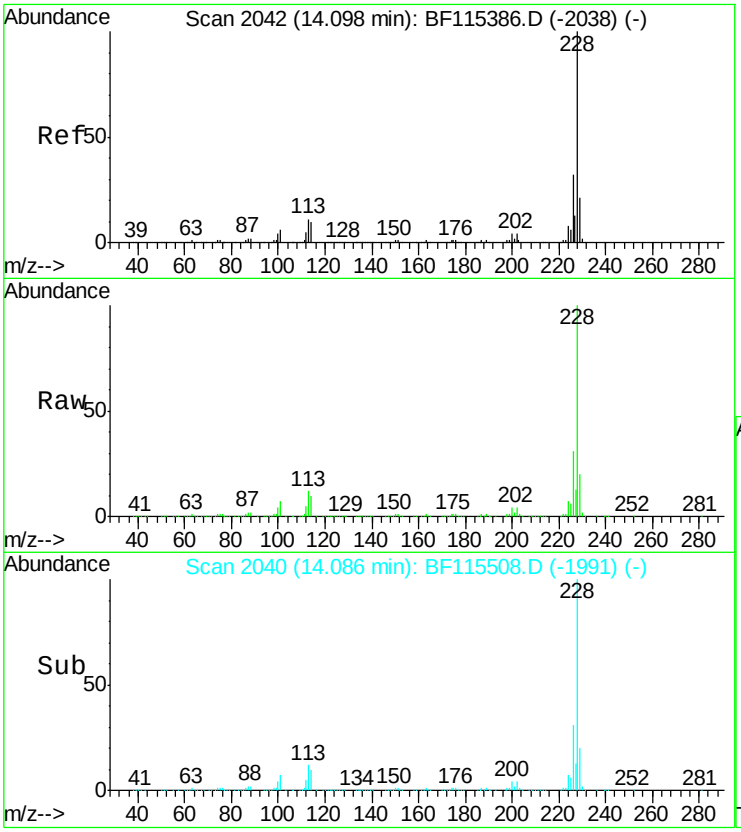


#82
3,3'-Dichlorobenzidine
Concen: 30.718 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:252 Resp: 310603

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.9	79.3
126	12.4	10.0	15.0



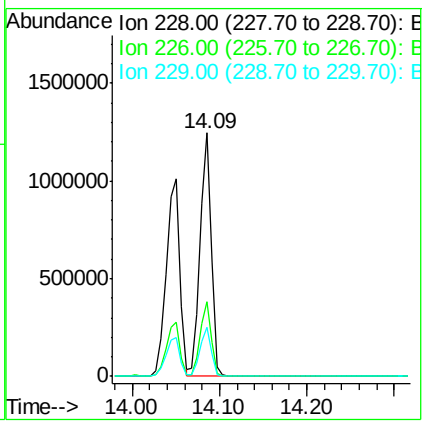


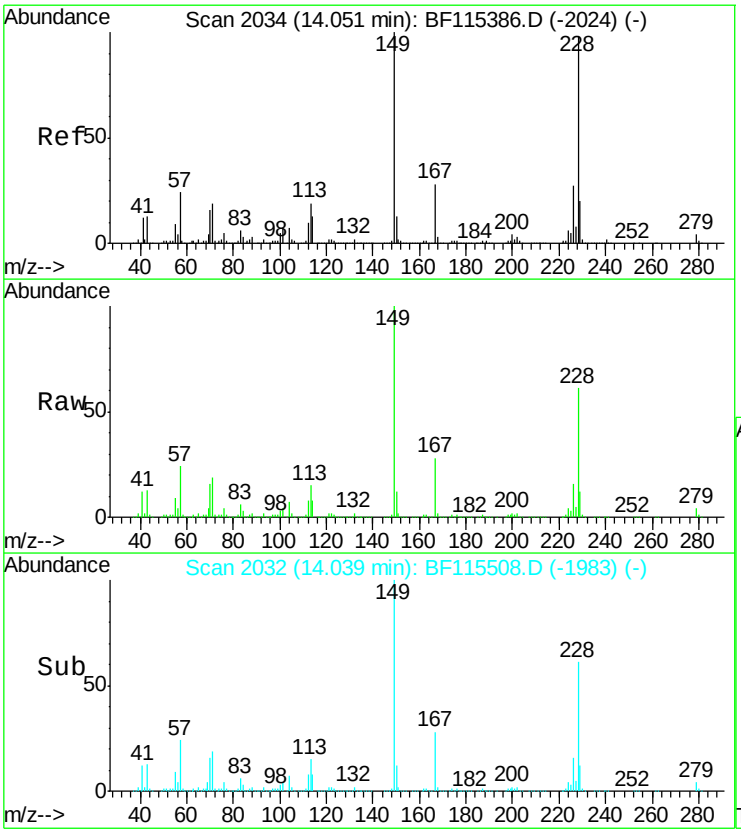
#83
Chrysene
Concen: 38.828 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:228 Resp: 1111729

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	20.0	16.1	24.1

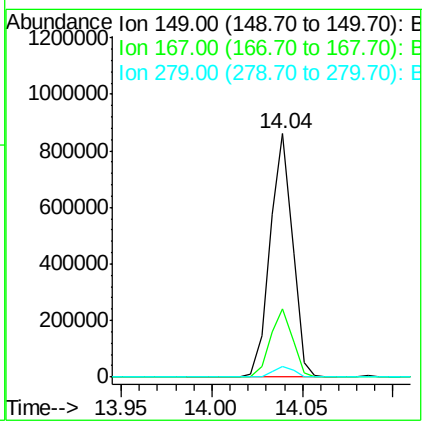


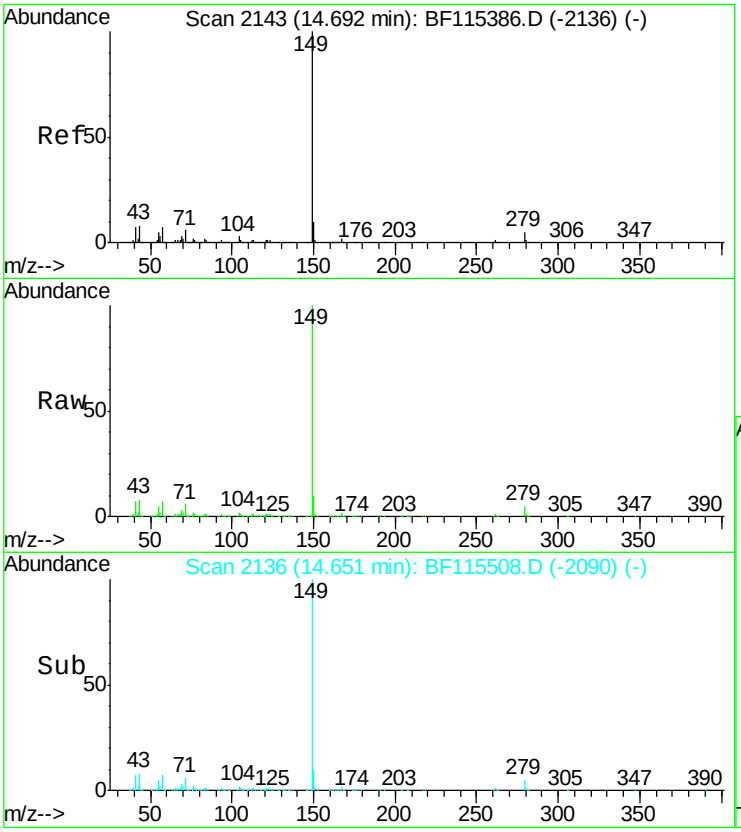


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.305 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 737587

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	34.0
279	4.5	3.8	5.6



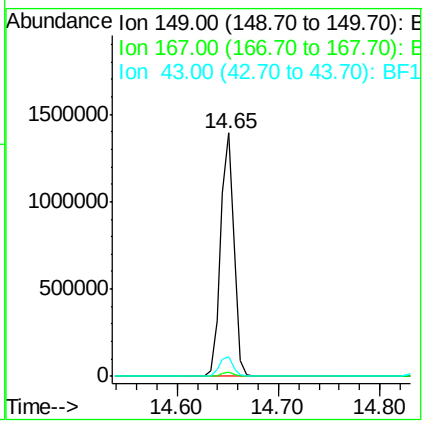


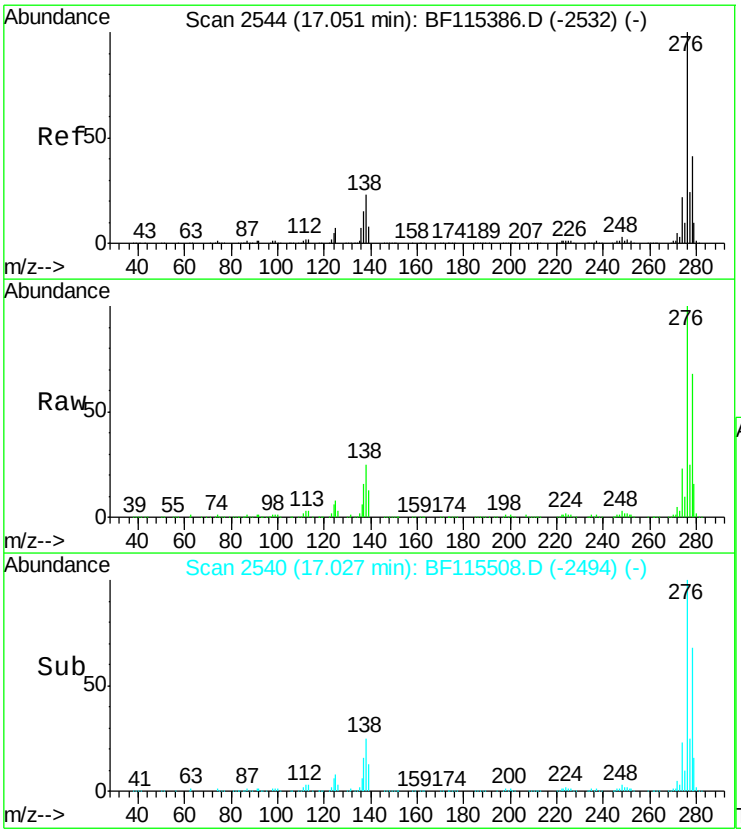
#85
Di-n-octyl phthalate
Concen: 38.721 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:149 Resp: 1261478

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6

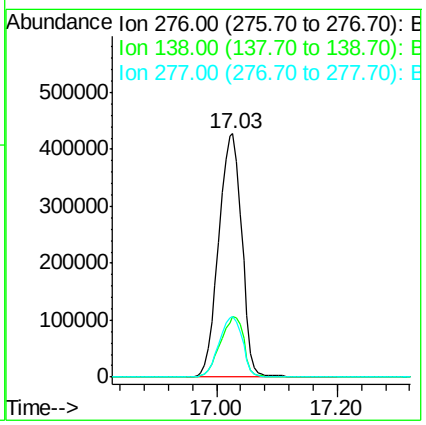


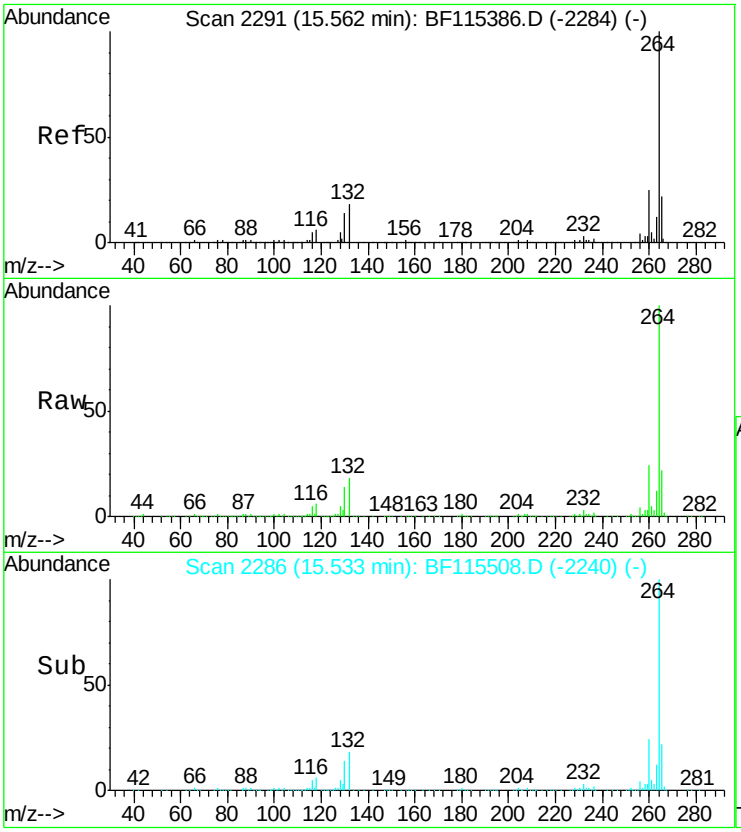


#86
Indeno(1,2,3-cd)pyrene
Concen: 48.920 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:276 Resp: 1135166

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	31.0
277	25.3	20.2	30.2



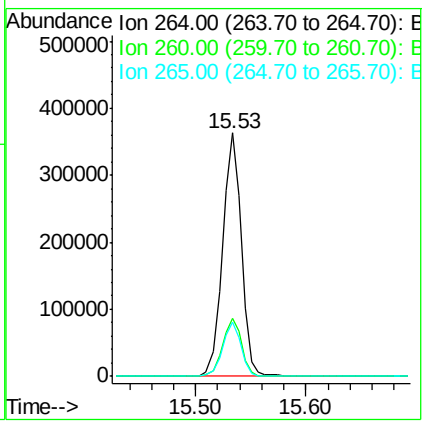


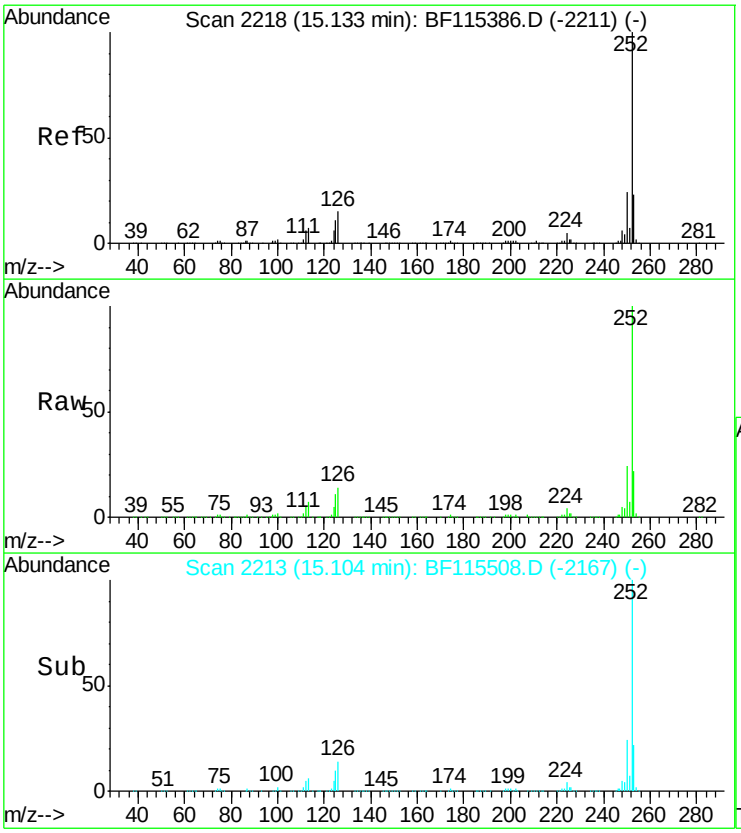
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:264 Resp: 431672

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.1	17.8	26.6

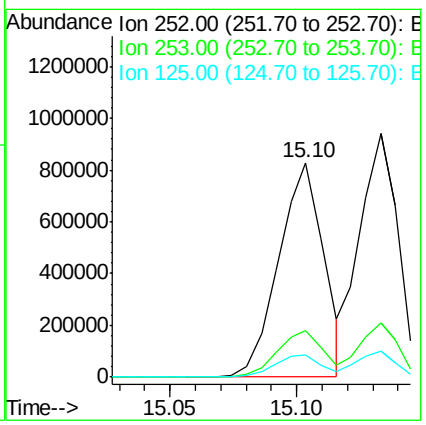


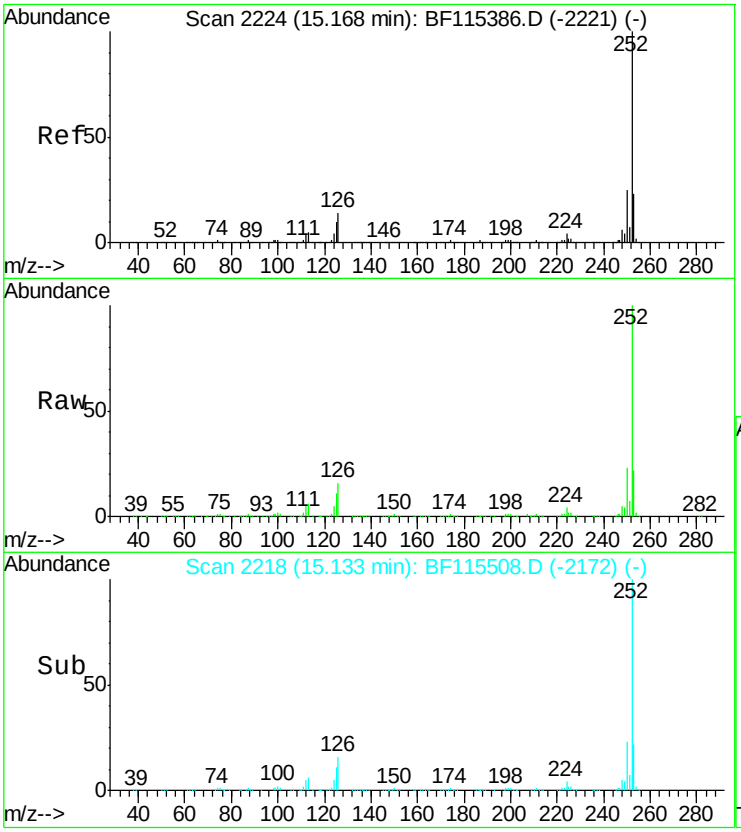


#88
Benzo(b)fluoranthene
Concen: 36.376 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:252 Resp: 1022362

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.6	8.5	12.7



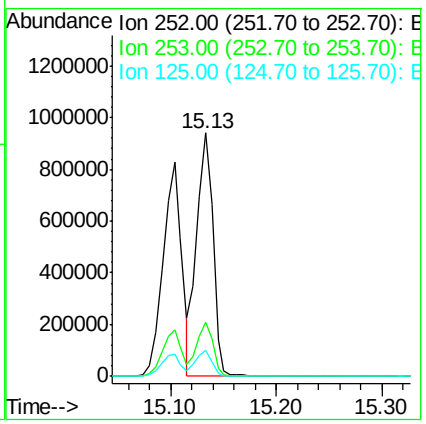


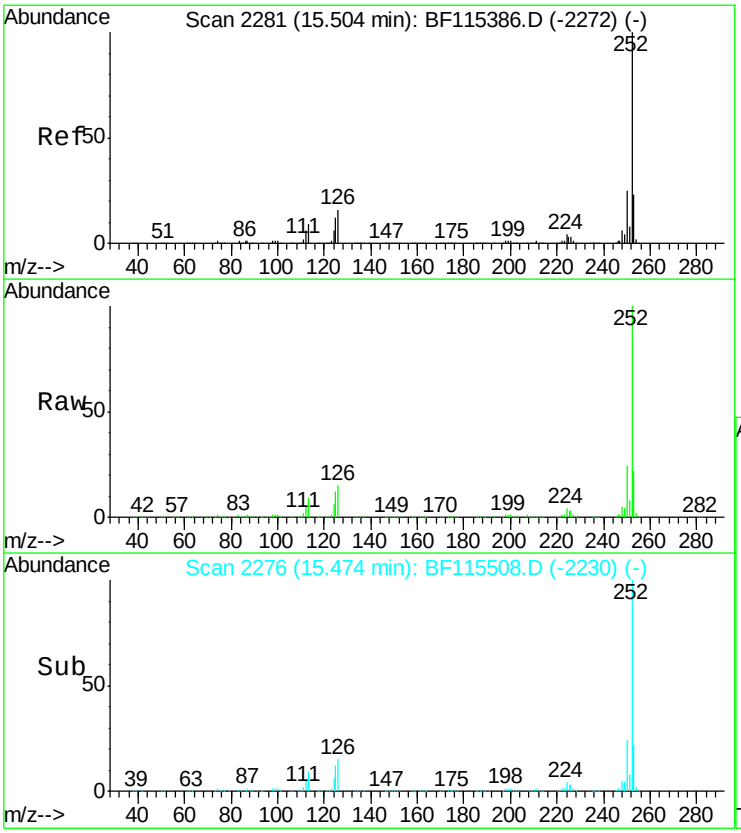
#89
Benzo(k)fluoranthene
Concen: 40.111 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:252 Resp: 1002589

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.6	8.6	13.0

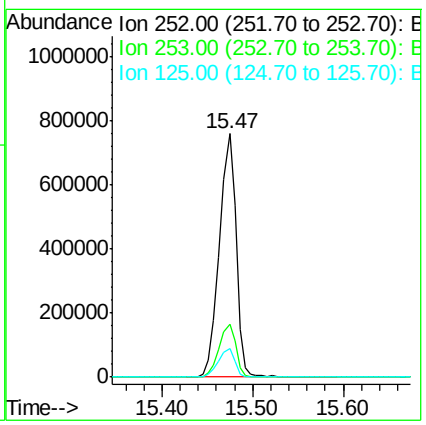


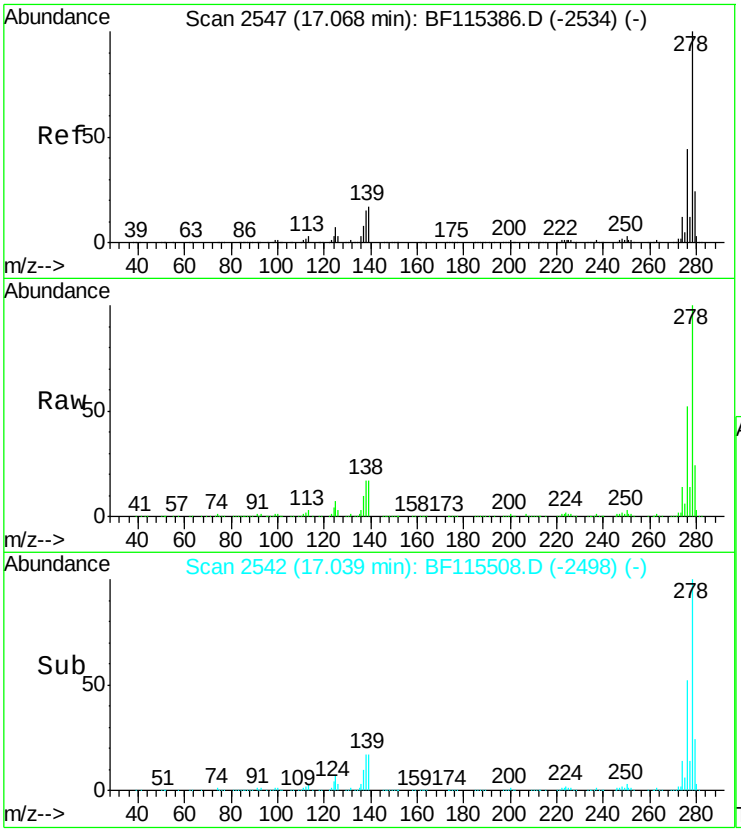


#90
Benzo(a)pyrene
Concen: 39.963 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:252 Resp: 968748

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.6	9.7	14.5



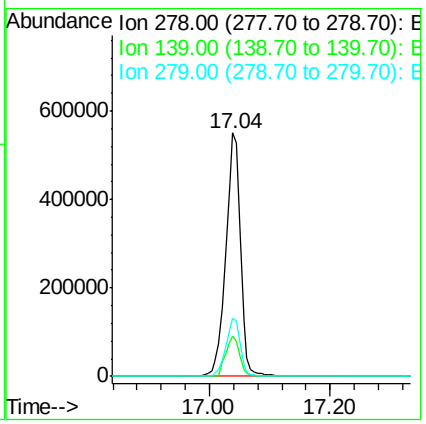


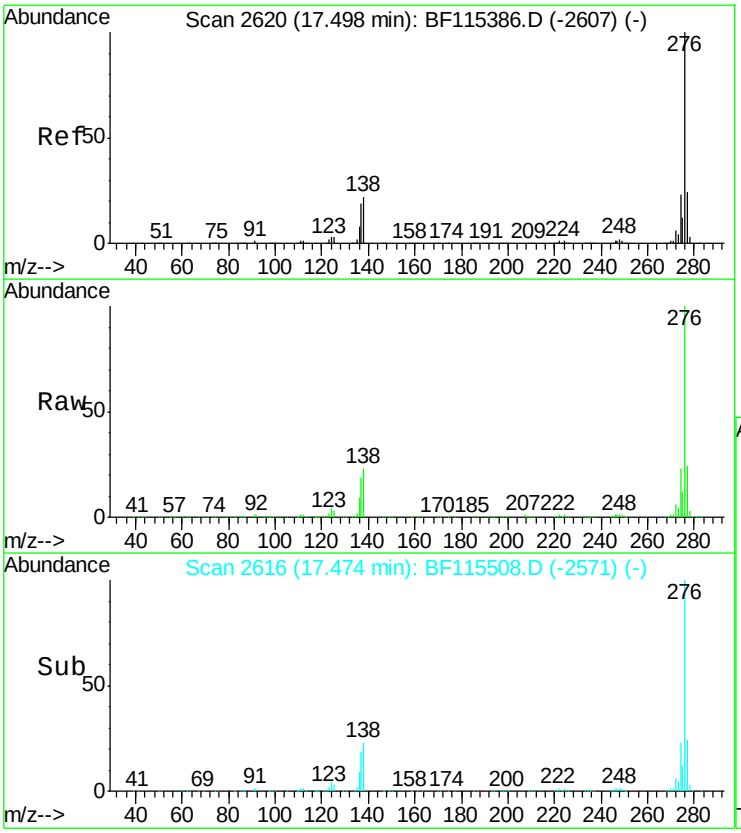
#91
Dibenzo(a,h)anthracene
Concen: 45.189 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Tgt Ion:278 Resp: 936084

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.6
279	24.1	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 48.889 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:276 Resp: 958561

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.8	17.8	26.8