Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091912.D
Acq On : 23 Dec 2016 8:17
Operator : UM/SJ
Sample : H6182-03MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
UMANGI
12/23/2016 5:57:32 PM

Quant Time: Dec 23 16:21:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	170872	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	476487	20.00	ng		0.03
38) Acenaphthene-d10	9.84	164	237816	20.00	ng		0.05
63) Phenanthrene-d10	11.28	188	479863	20.00	ng		0.01
75) Chrysene-d12	13.91	240	374220	20.00	ng		0.00
86) Perylene-d12	15.30	264	313555	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1647272	160.97	ng		0.06
7) Phenol-d6	6.45	99	2012121	161.05	ng		0.05
23) Nitrobenzene-d5	7.34	82	1164045	135.84	ng		0.02
41) 2,4,6-Tribromophenol	10.60	330	333522	169.46	ng		0.02
44) 2-Fluorobiphenyl	9.16	172	1399400	126.93	ng		0.05
78) Terphenyl-d14	12.85	244	1530644	99.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	238937	47.43	ng		97
3) Pyridine	3.04	79	660960	37.59	ng		99
4) n-Nitrosodimethylamine	3.01	42	335014	50.51	ng		93
6) Aniline	6.43	93	267488	16.48	ng	#	72
8) 2-Chlorophenol	6.57	128	554138	47.60	ng		98
9) Benzaldehyde	6.30	77	140867	16.17	ng	#	72
10) Phenol	6.46	94	816141	57.32	ng		82
11) bis(2-Chloroethyl)ether	6.50	93	578075	51.03	ng	#	87
12) 1,3-Dichlorobenzene	6.70	146	557858	44.89	ng	#	90
13) 1,4-Dichlorobenzene	6.78	146	574380	45.41	ng	#	87
14) 1,2-Dichlorobenzene	6.94	146	443224	40.38	ng	#	52
15) Benzyl Alcohol	6.92	79	435378	44.85	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.06	45	649672	38.51	ng	#	1
17) 2-Methylphenol	7.07	107	410307	43.83	ng	#	85
18) Hexachloroethane	7.36	117	1692563	360.94	ng	#	28
19) n-Nitroso-di-n-propylamine	7.20	70	953587	114.72	ng	#	87
20) 3+4-Methylphenols	7.22	107	549793	49.24	ng	#	75
22) Acetophenone	7.18	105	691082	58.80	ng	#	90
24) Nitrobenzene	7.36	77	856433	93.84	ng	#	88
25) Isophorone	7.61	82	1784521	112.88	ng	#	43
26) 2-Nitrophenol	7.69	139	172684	38.37	ng	#	1
27) 2,4-Dimethylphenol	7.74	122	450208	60.31	ng		91
28) bis(2-Chloroethoxy)methane	7.81	93	497630	51.91	ng	#	1
29) 2,4-Dichlorophenol	7.95	162	428912	67.85	ng	#	75
30) 1,2,4-Trichlorobenzene	8.02	180	367849	53.11	ng	#	93
31) Naphthalene	8.10	128	1491829	68.41	ng	#	82
32) Benzoic acid	7.87	122	82078	14.82	ng	#	15
33) 4-Chloroaniline	8.14	127	193940	19.72	ng	#	48
34) Hexachlorobutadiene	8.22	225	177688	48.60	ng		100
35) Caprolactam	8.53	113	838171	403.50	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	366055	50.33	ng		89
37) 2-Methylnaphthalene	8.81	142	900815	60.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	254241	42.31	ng	#	87
40) Hexachlorocyclopentadiene	8.96	237	122875	47.61	ng		98

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Sample : H6182-03MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
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Quant Time: Dec 23 16:21:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	176975	42.12	ng		88
43) 2,4,5-Trichlorophenol	9.14	196	119179	27.56	ng	#	1
45) 1,1'-Biphenyl	9.26	154	701433	43.08	ng		99
46) 2-Chloronaphthalene	9.29	162	534553	41.45	ng	#	89
47) 2-Nitroaniline	9.38	65	243803	53.10	ng	#	76
48) Acenaphthylene	9.70	152	978455	49.34	ng	#	89
49) Dimethylphthalate	9.55	163	832021	54.70	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	208655	62.67	ng	#	62
51) Acenaphthene	9.86	154	672176	49.99	ng		92
52) 3-Nitroaniline	9.78	138	221373	53.73	ng	#	88
53) 2,4-Dinitrophenol	9.89	184	9509	5.13	ng	#	1
54) Dibenzofuran	10.03	168	950032	52.32	ng	#	85
55) 4-Nitrophenol	9.97	139	266567	95.29	ng	#	76
56) 2,4-Dinitrotoluene	10.02	165	255770	61.21	ng	#	95
57) Fluorene	10.36	166	855176	64.74	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.16	232	150509	44.01	ng	#	72
59) Diethylphthalate	10.24	149	885125	59.92	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	334838	57.89	ng		87
61) 4-Nitroaniline	10.38	138	206964	48.48	ng		94
62) Azobenzene	10.51	77	1088200	66.91	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	30109	10.38	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	848410	59.58	ng		91
66) 4-Bromophenyl-phenylether	10.83	248	249044	49.89	ng		96
67) Hexachlorobenzene	10.90	284	245744	46.06	ng	#	78
68) Atrazine	10.99	200	255024	55.52	ng		99
69) Pentachlorophenol	11.09	266	197866	75.58	ng		99
70) Phenanthrene	11.30	178	1263757	48.57	ng		98
71) Anthracene	11.36	178	1369066	82.15	ng		99
72) Carbazole	11.52	167	1168555	48.47	ng		100
73) Di-n-butylphthalate	11.85	149	1612686	67.46	ng	#	97
74) Fluoranthene	12.49	202	1279088	57.06	ng		91
76) Benzidine	12.61	184	246720	22.60	ng		95
77) Pyrene	12.70	202	1187421	43.25	ng		100
79) Butylbenzylphthalate	13.33	149	650963	52.13	ng		92
80) Benzo(a)anthracene	13.89	228	940788	44.54	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	214448	26.77	ng		97
82) Chrysene	13.93	228	881645	41.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	873608	59.40	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1694981	62.22	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	756494	41.21	ng		99
87) Benzo(b)fluoranthene	14.91	252	941070m	48.21	ng		
88) Benzo(k)fluoranthene	14.93	252	834557m	50.13	ng		
89) Benzo(a)pyrene	15.24	252	815890	47.09	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	643409	45.18	ng	#	96
91) Benzo(g,h,i)perylene	17.05	276	623791	42.12	ng		99

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Acq On : 23 Dec 2016 8:17
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Sample : H6182-03MSD
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Quant Time: Dec 23 16:21:12 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
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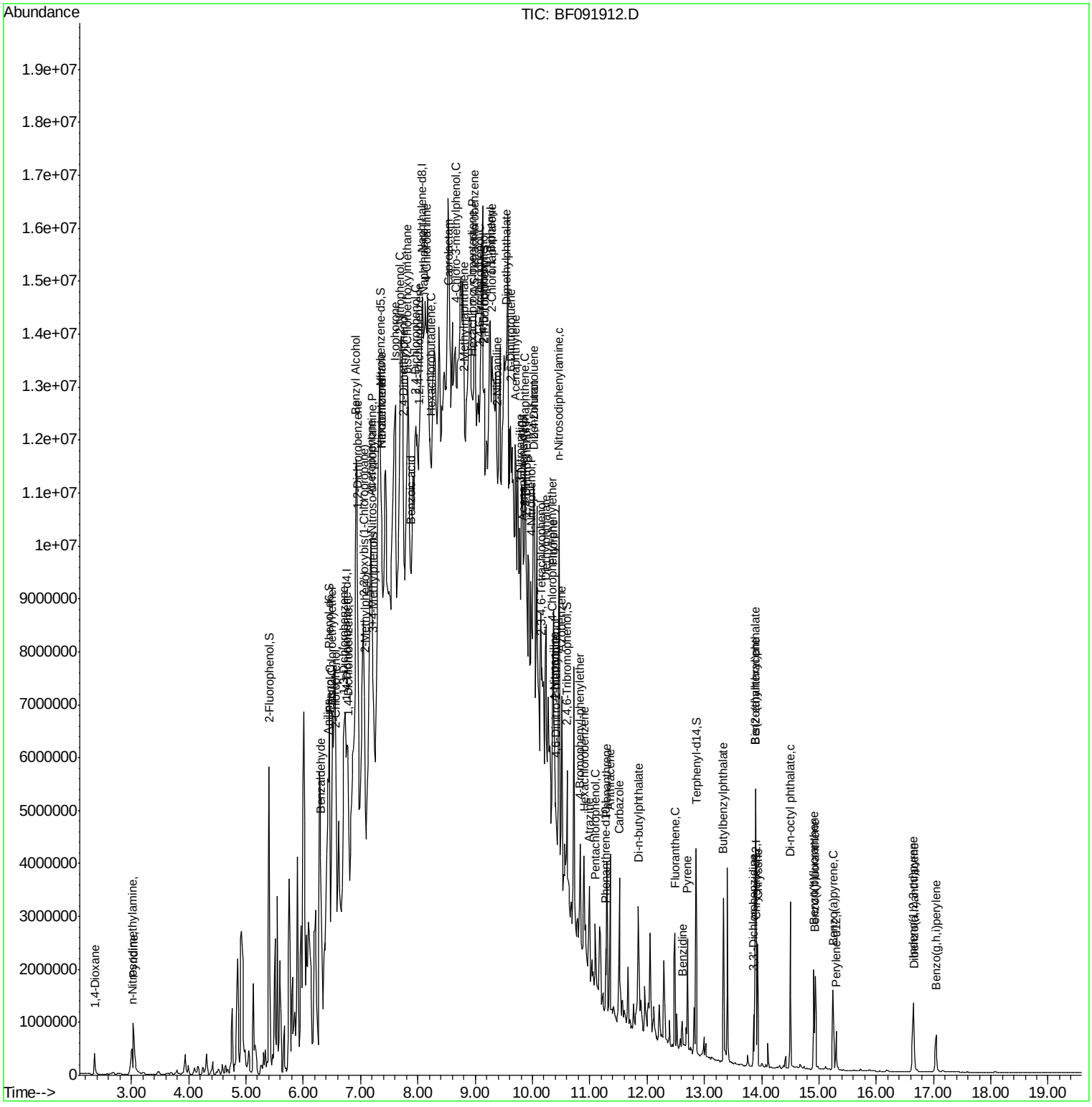
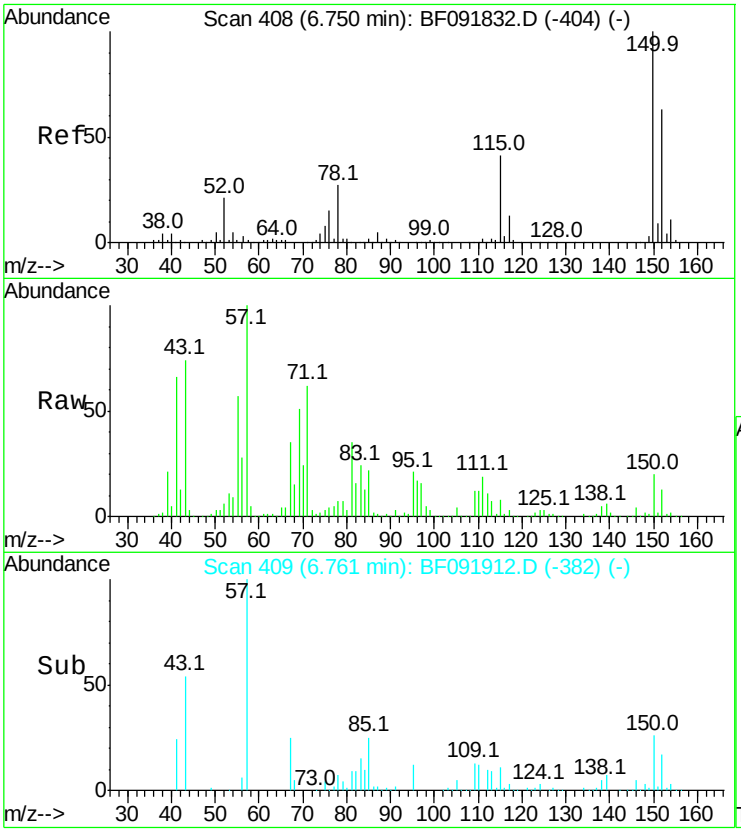
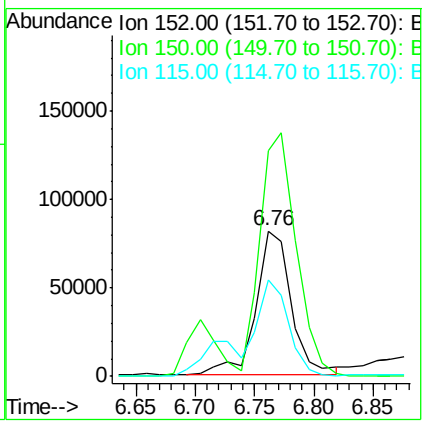




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:152 Resp: 170872

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	66.1	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
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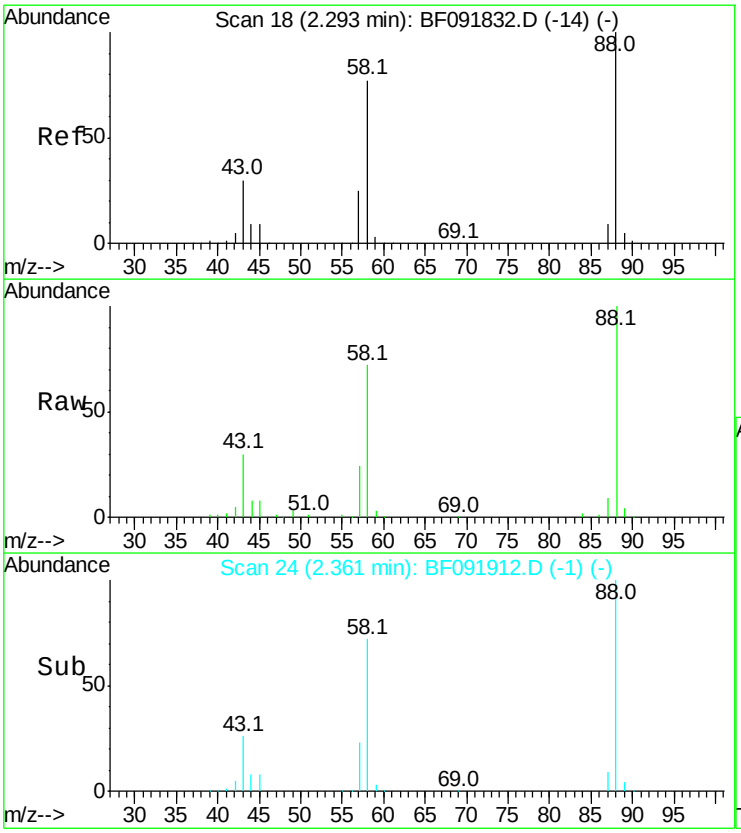
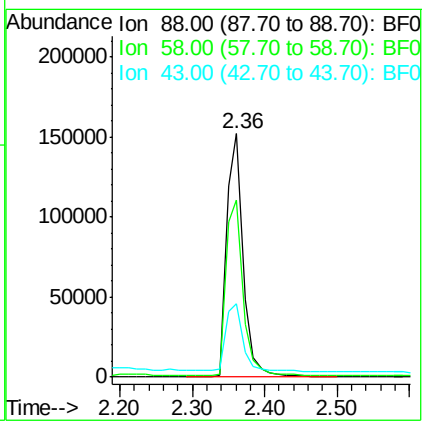
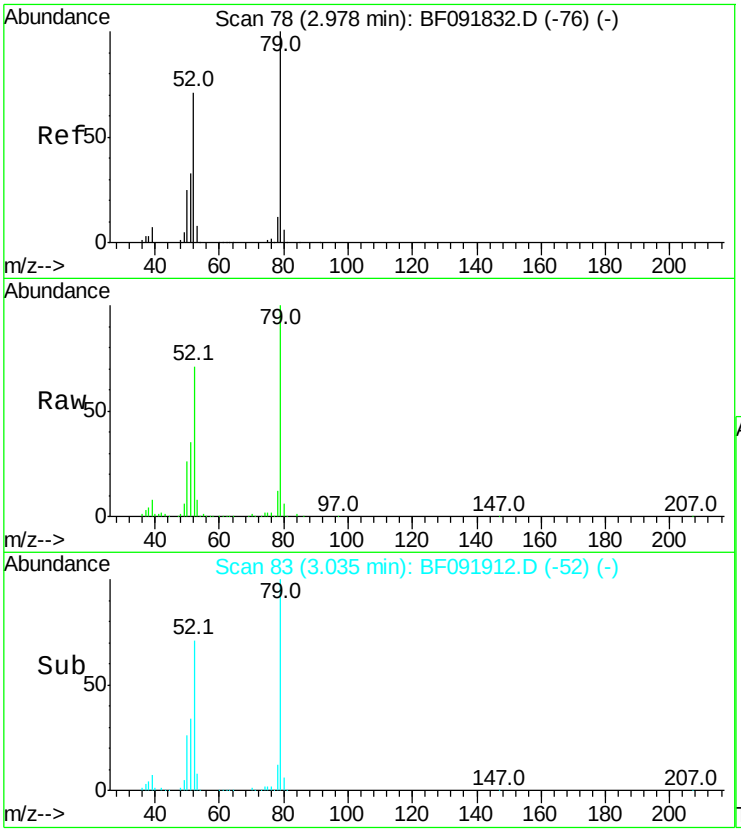


#2
1,4-Dioxane
Concen: 47.43 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 88 Resp: 238937

Ion	Ratio	Lower	Upper
88	100		
58	74.5	57.8	86.8
43	29.0	22.3	33.5

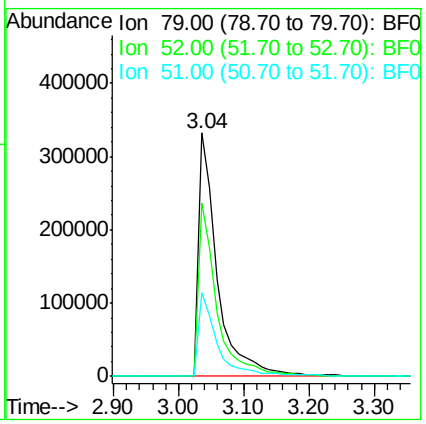




#3
Pyridine
Concen: 37.59 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 79 Resp: 660960

Ion	Ratio	Lower	Upper
79	100		
52	71.0	57.1	85.7
51	34.5	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
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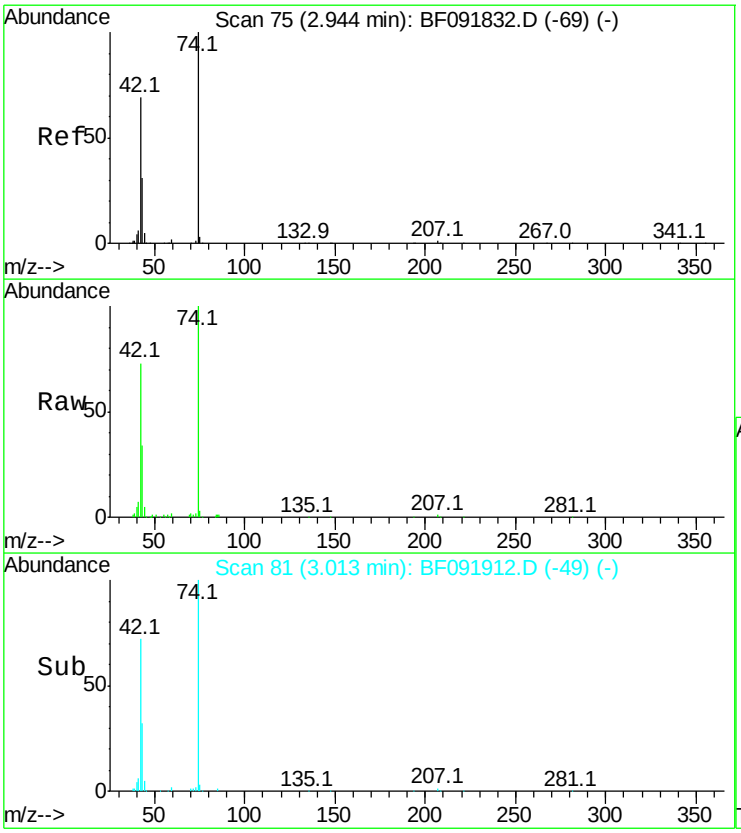
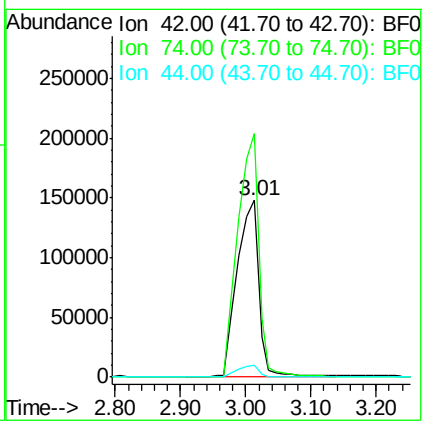
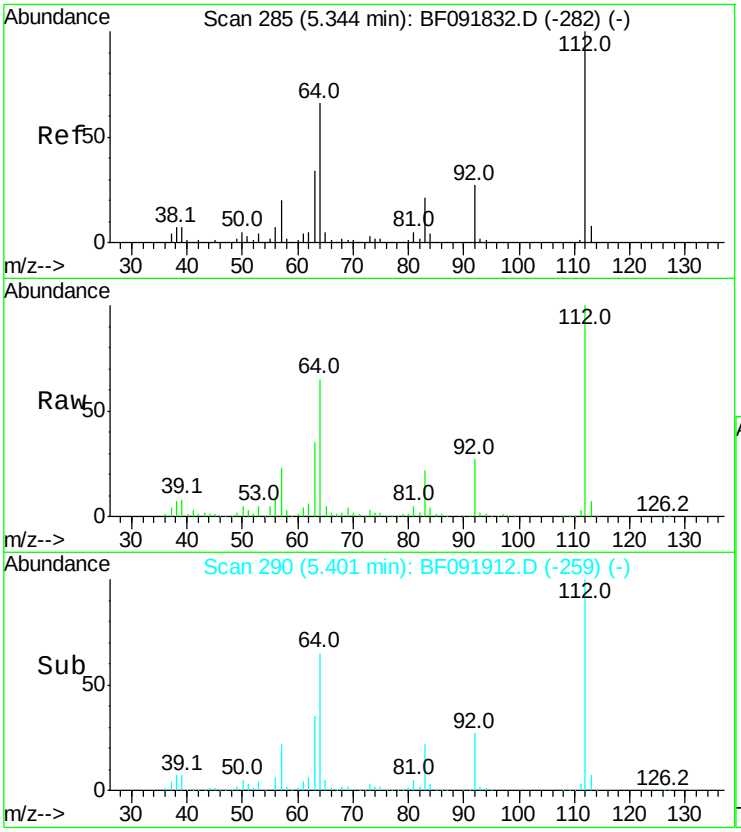


#4
n-Nitrosodimethylamine
Concen: 50.51 ng
RT: 3.01 min Scan# 81
Delta R.T. 0.07 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 42 Resp: 335014

Ion	Ratio	Lower	Upper
42	100		
74	137.6	117.0	175.4
44	6.9	5.5	8.3

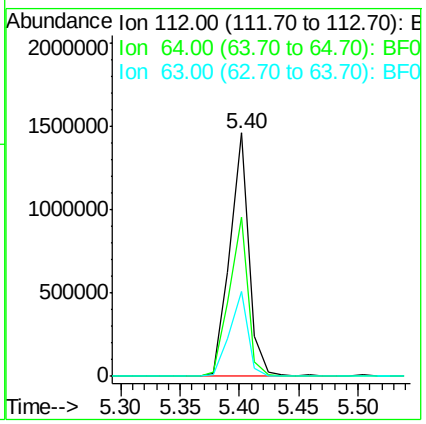




#5
2-Fluorophenol
Concen: 160.97 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:112 Resp: 1647272

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	34.9	23.8	35.6



Instrument :
BNA_F
ClientSampleId :
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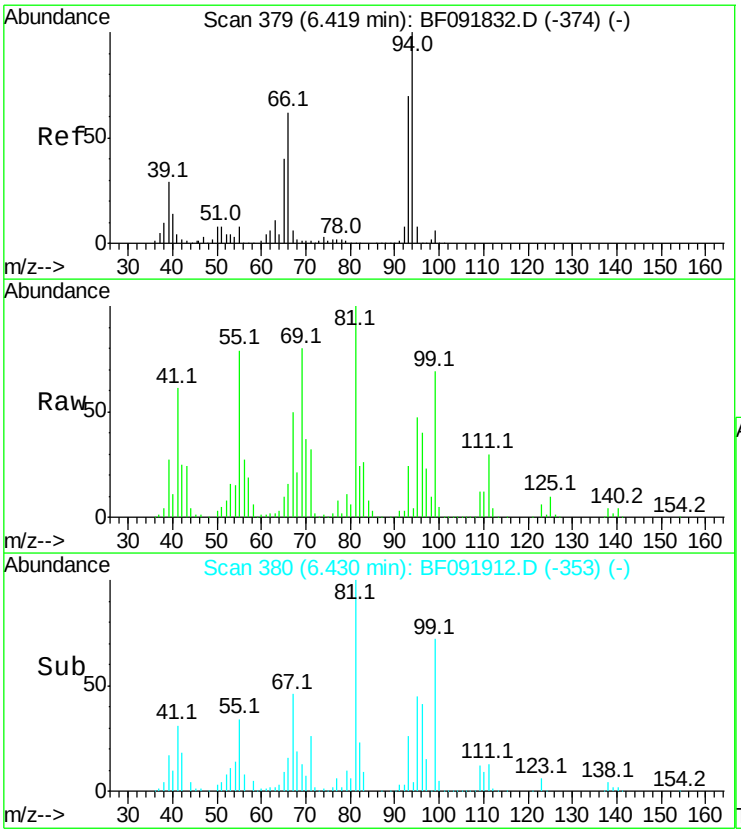
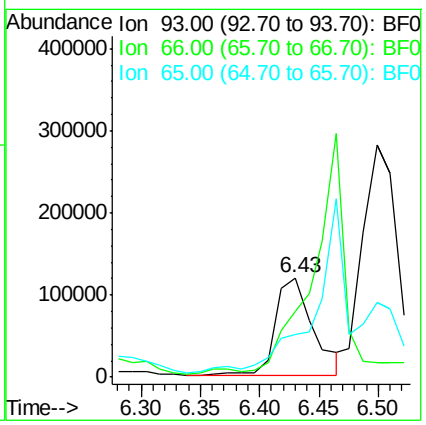
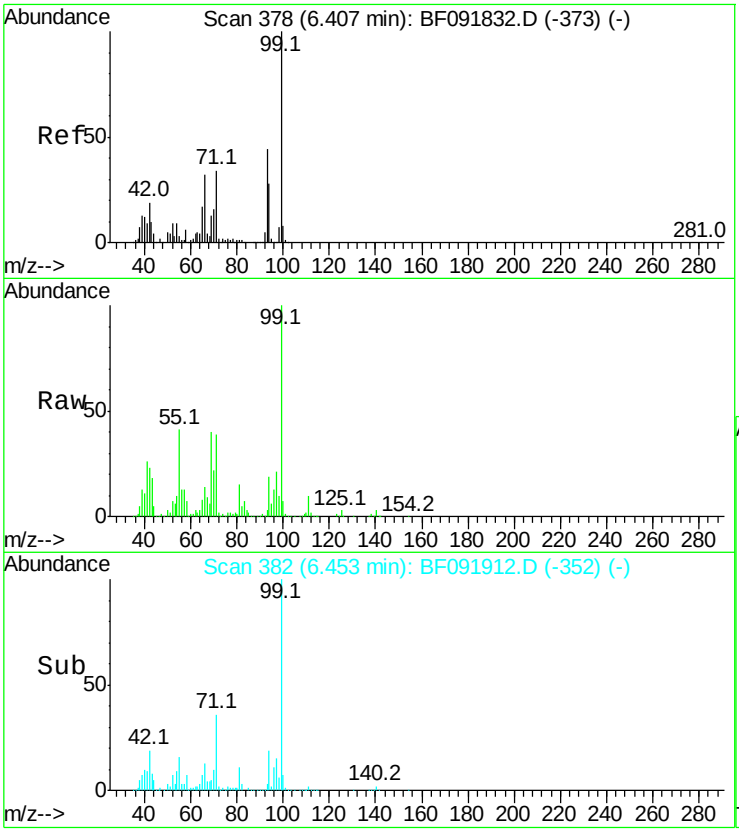


#6
Aniline
Concen: 16.48 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 93 Resp: 267488

Ion	Ratio	Lower	Upper
93	100		
66	66.2	76.2	114.2#
65	42.8	49.3	73.9#

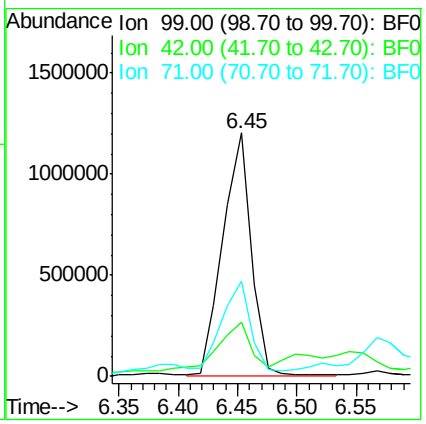




#7
Phenol-d6
Concen: 161.05 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 99 Resp: 2012121

Ion	Ratio	Lower	Upper
99	100		
42	22.5	15.6	23.4
71	38.9	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
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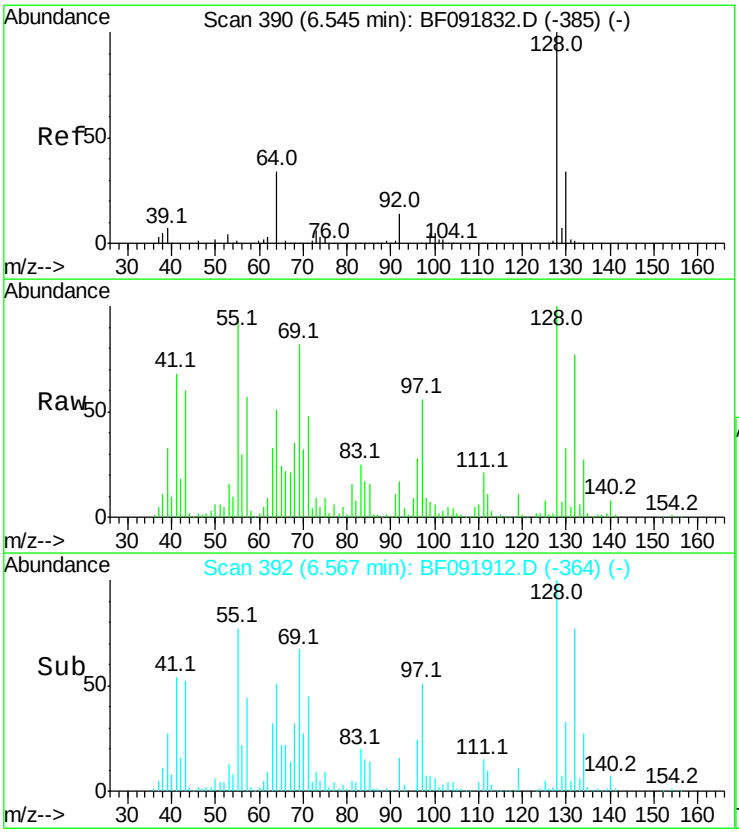
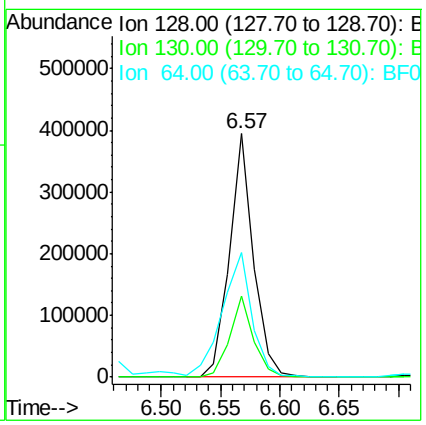
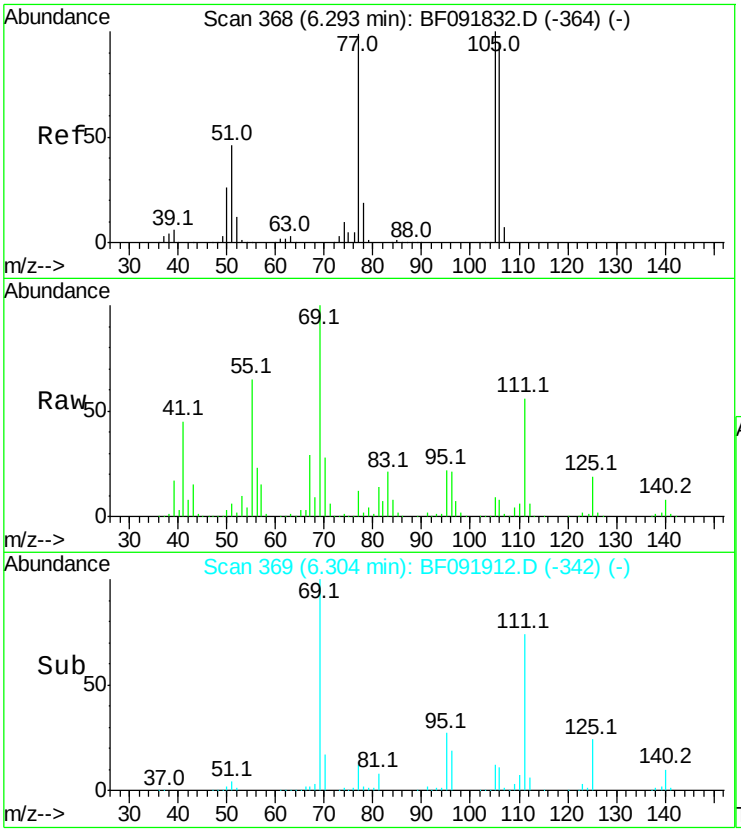


#8
2-Chlorophenol
Concen: 47.60 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:128 Resp: 554138

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	51.0	32.2	72.2

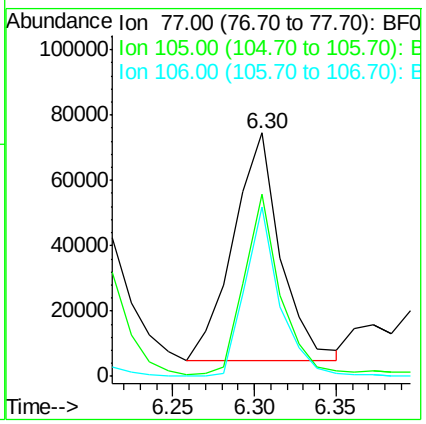




#9
Benzaldehyde
Concen: 16.17 ng
RT: 6.30 min Scan# 369
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 77 Resp: 140867

Ion	Ratio	Lower	Upper
77	100		
105	75.0	83.9	123.9#
106	69.7	77.6	117.6#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
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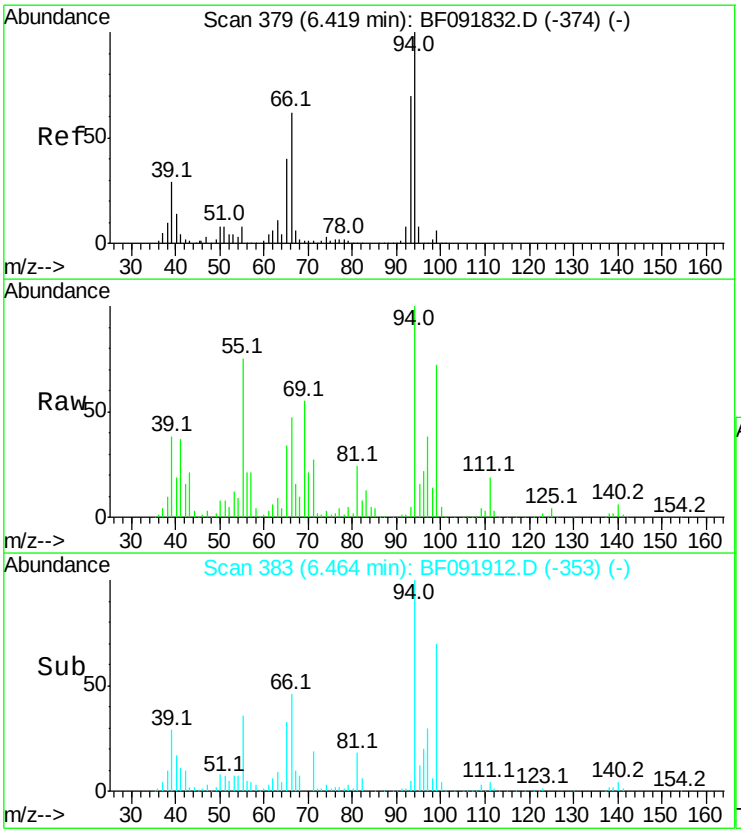
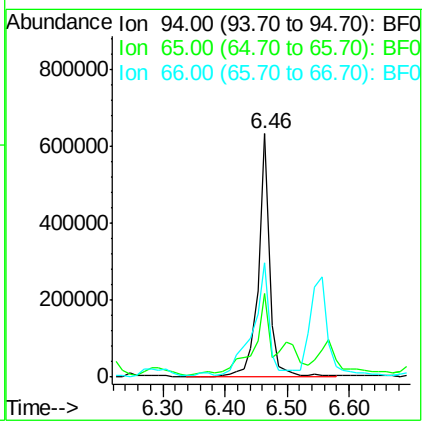
12/23/2016 5:57:32 PM

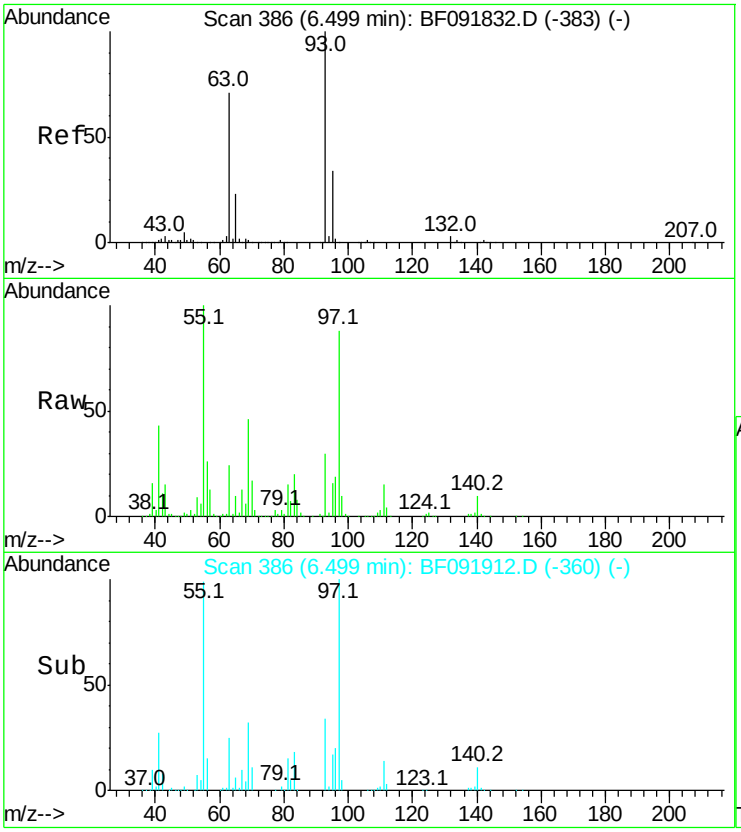


#10
Phenol
Concen: 57.32 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 94 Resp: 816141

Ion	Ratio	Lower	Upper
94	100		
65	34.4	21.4	61.4
66	46.8	44.0	84.0





#11
bis(2-Chloroethyl)ether
Concen: 51.03 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 93 Resp: 578075

Ion	Ratio	Lower	Upper
93	100		
63	79.0	60.4	100.4
95	55.2	12.8	52.8#

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
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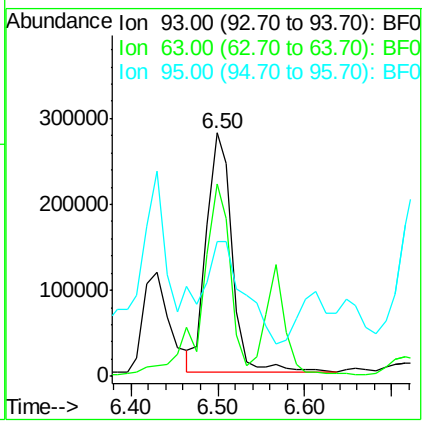
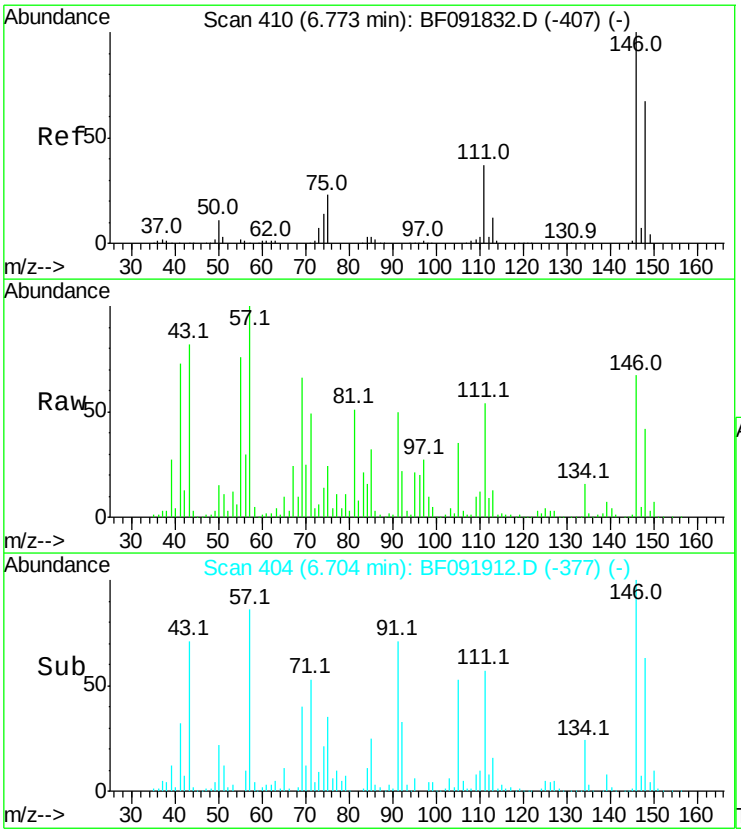
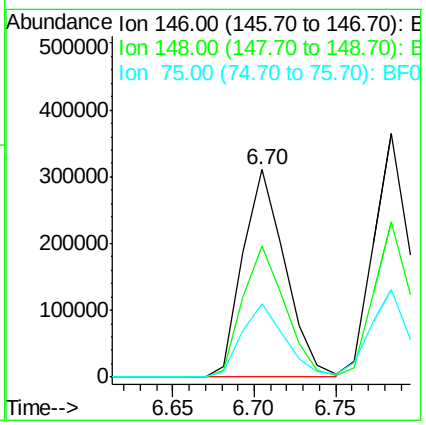


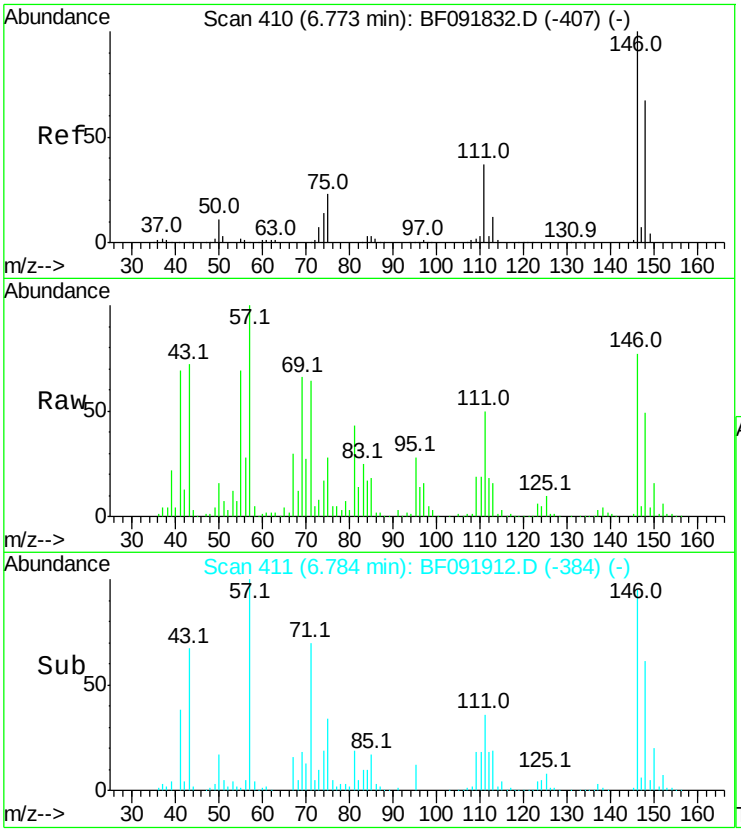


#12
1,3-Dichlorobenzene
Concen: 44.89 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:146 Resp: 557858

Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
75	35.5	18.5	27.7#

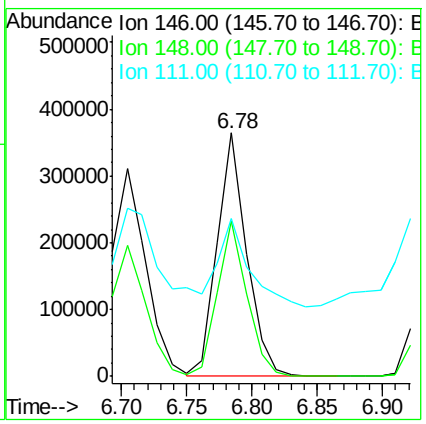




#13
1,4-Dichlorobenzene
Concen: 45.41 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:146 Resp: 574380

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	65.1	36.2	54.4#



Instrument :
BNA_F
ClientSampleId :
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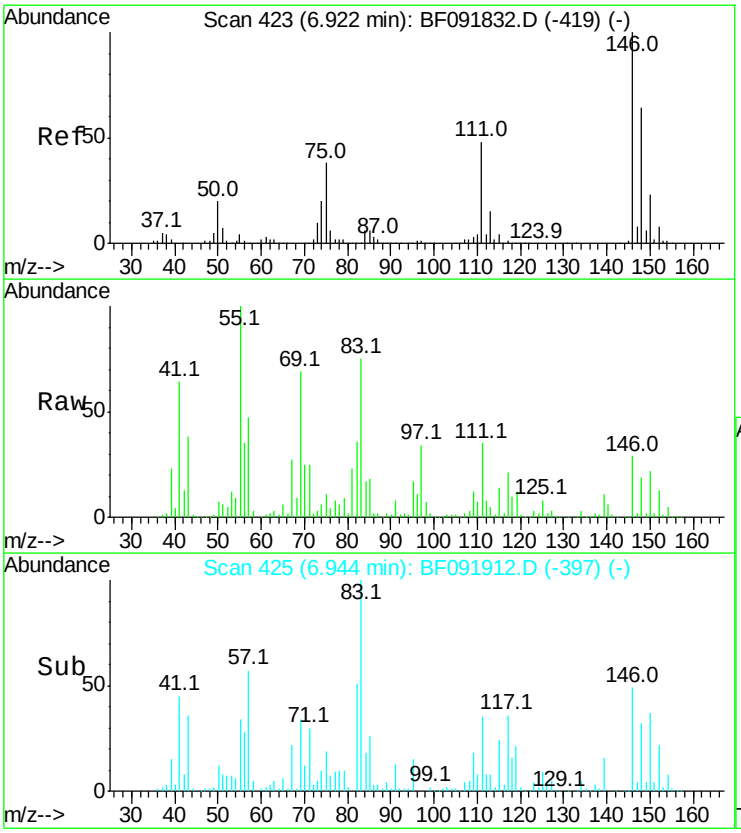
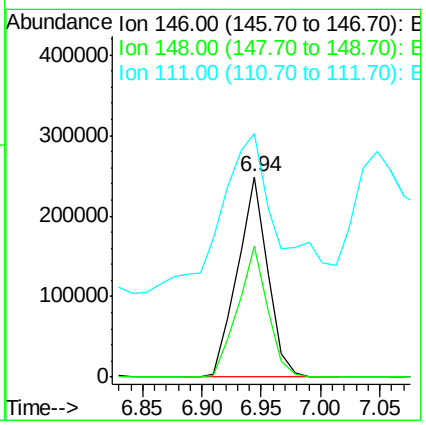
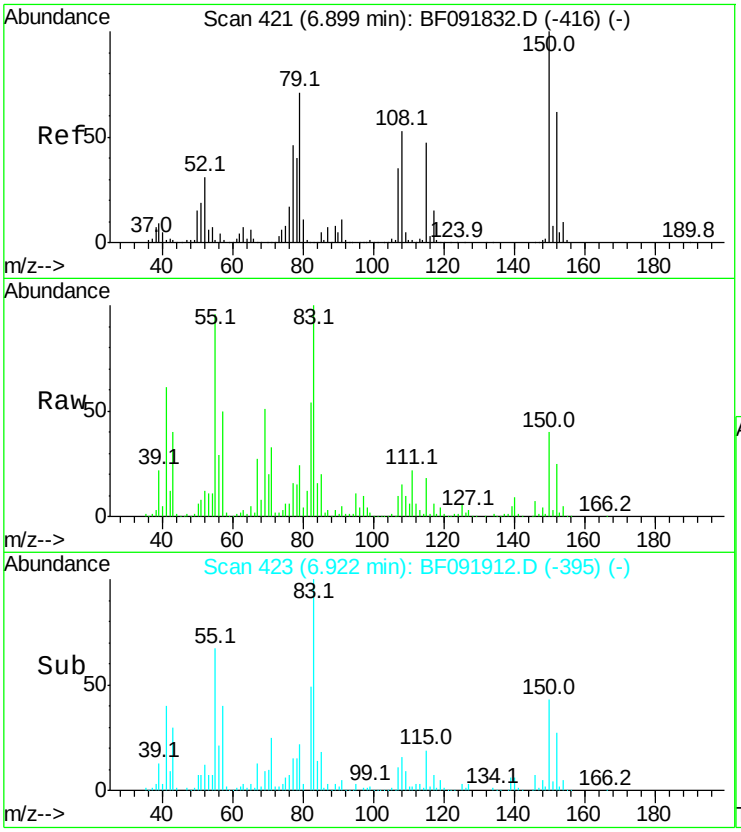


#14
1,2-Dichlorobenzene
Concen: 40.38 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:146 Resp: 443224

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	121.4	36.2	54.2#





#15
Benzyl Alcohol
Concen: 44.85 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 79 Resp: 435378

Ion	Ratio	Lower	Upper
79	100		
108	61.9	61.4	92.0
77	66.6	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
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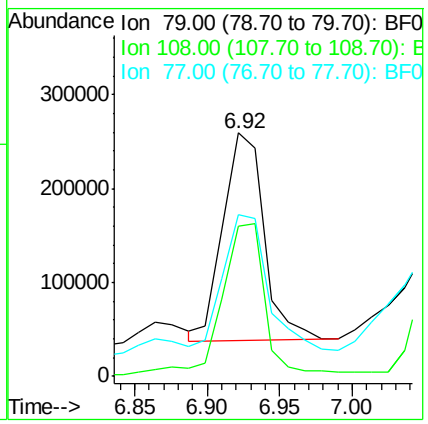
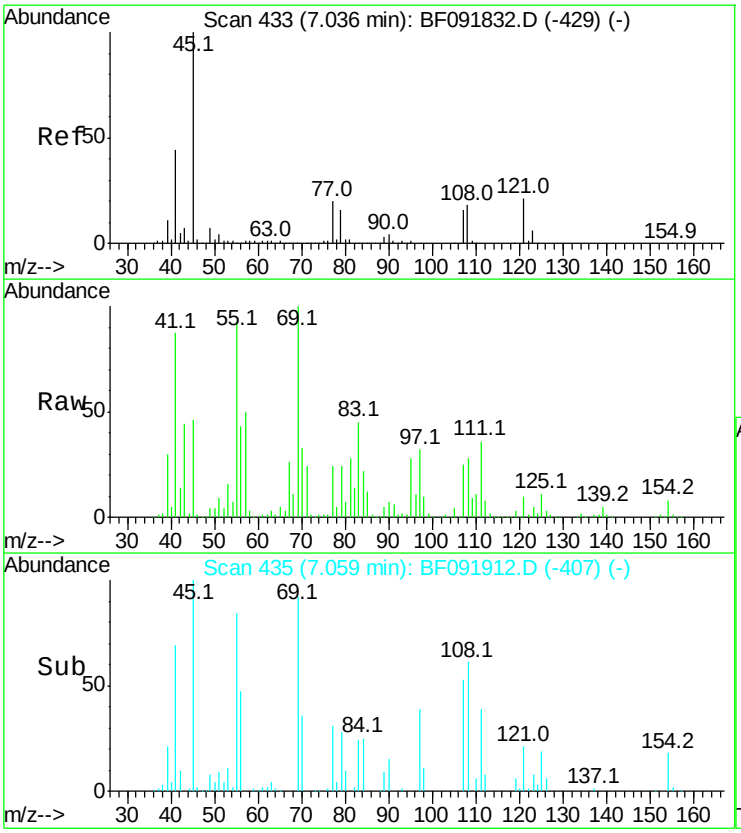
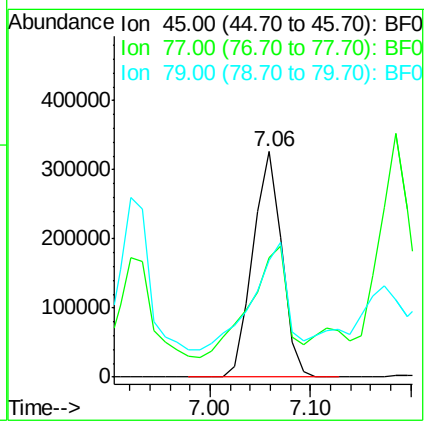


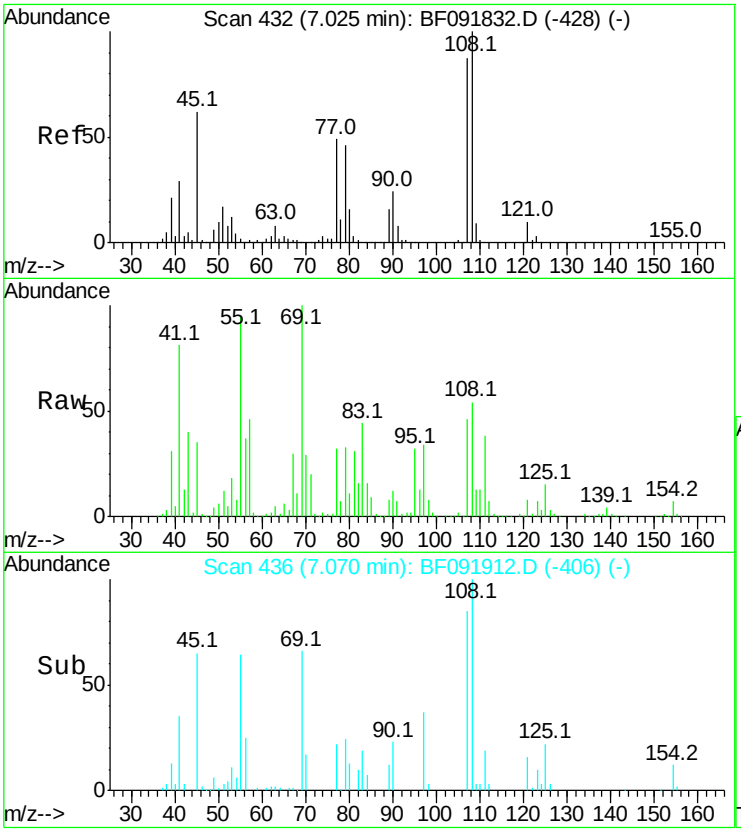


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.51 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 45 Resp: 649672

Ion	Ratio	Lower	Upper
45	100		
77	53.0	0.0	34.6#
79	51.8	0.0	31.2#

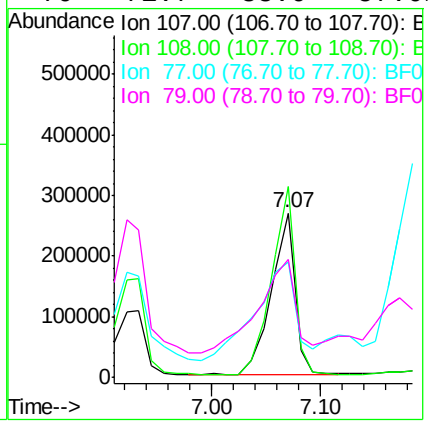




#17
2-Methylphenol
Concen: 43.83 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:107 Resp: 410307

Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.0	139.6
77	69.9	39.8	59.8#
79	71.7	38.0	57.0#



Instrument :
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ClientSampleId :
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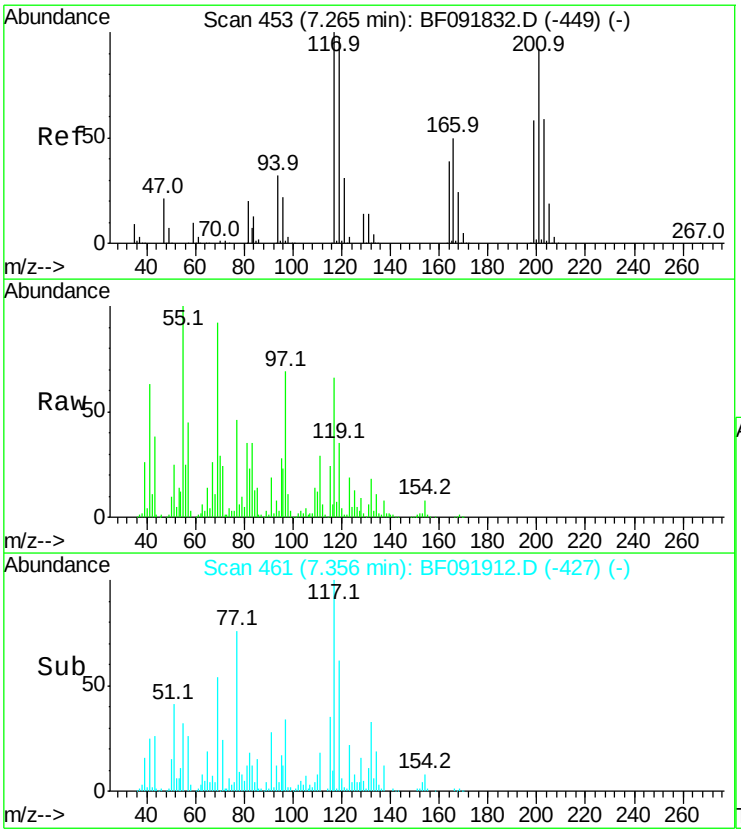
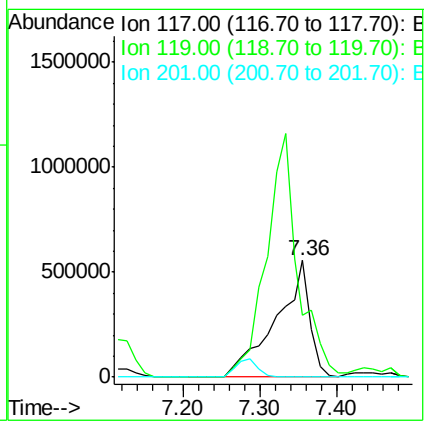
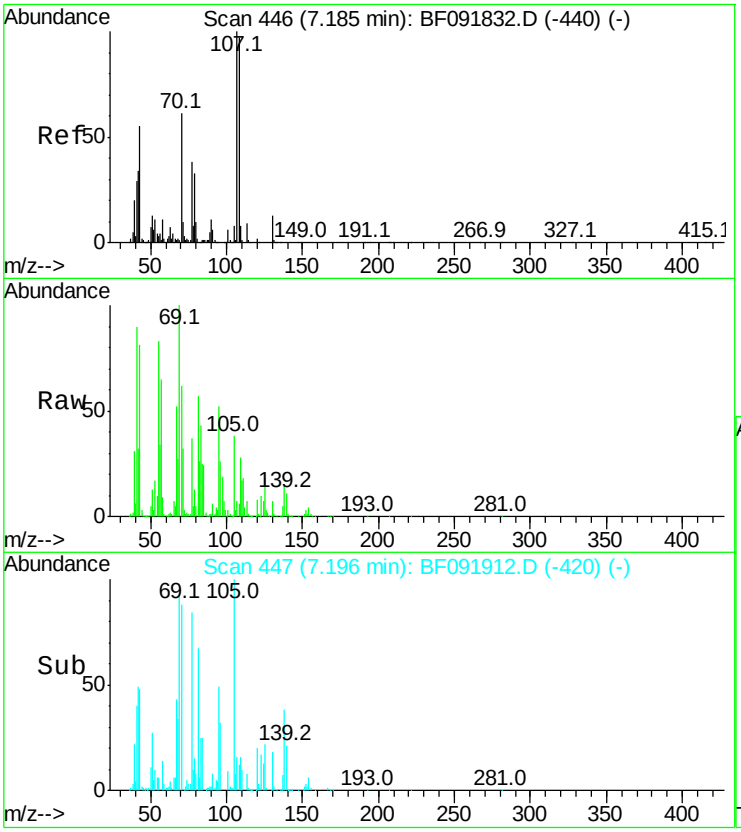


#18
Hexachloroethane
Concen: 360.94 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.09 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:117 Resp: 1692563

Ion	Ratio	Lower	Upper
117	100		
119	53.4	78.1	117.1#
201	0.0	78.6	117.8#

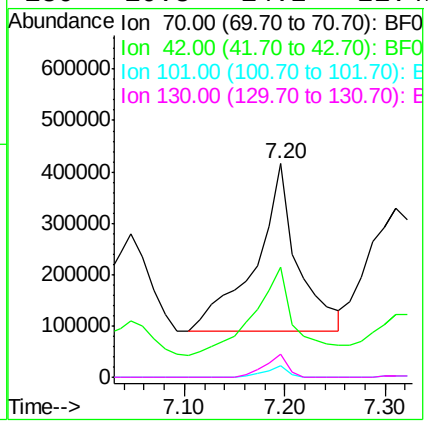




#19
n-Nitroso-di-n-propylamine
Concen: 114.72 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 70 Resp: 953587

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.4	74.0
101	5.4	7.4	11.2#
130	10.8	14.2	21.4#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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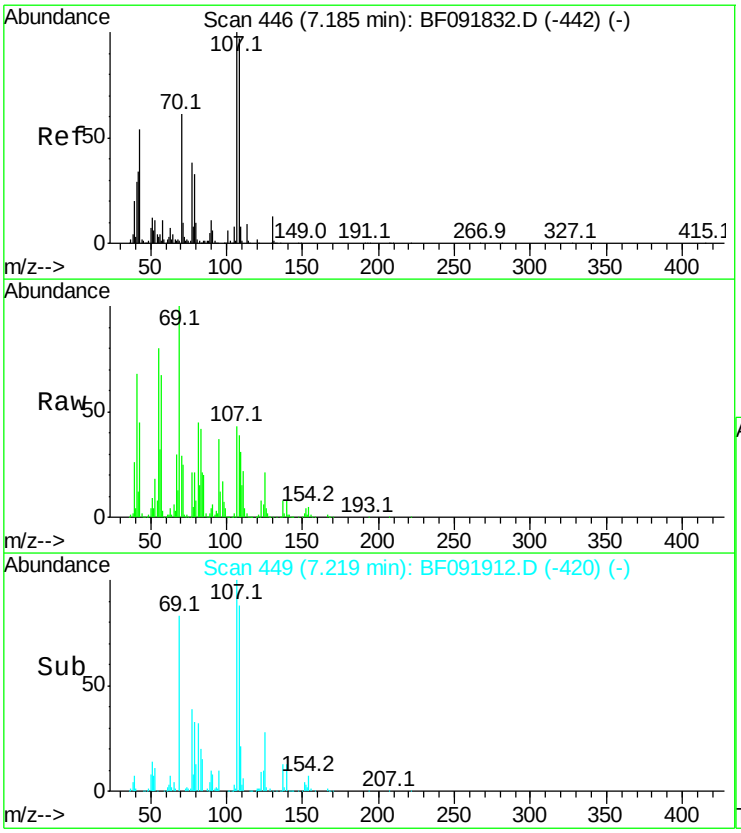
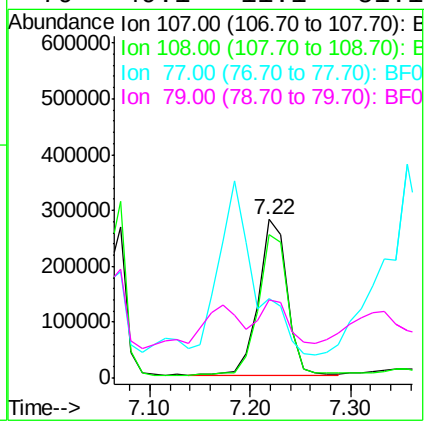
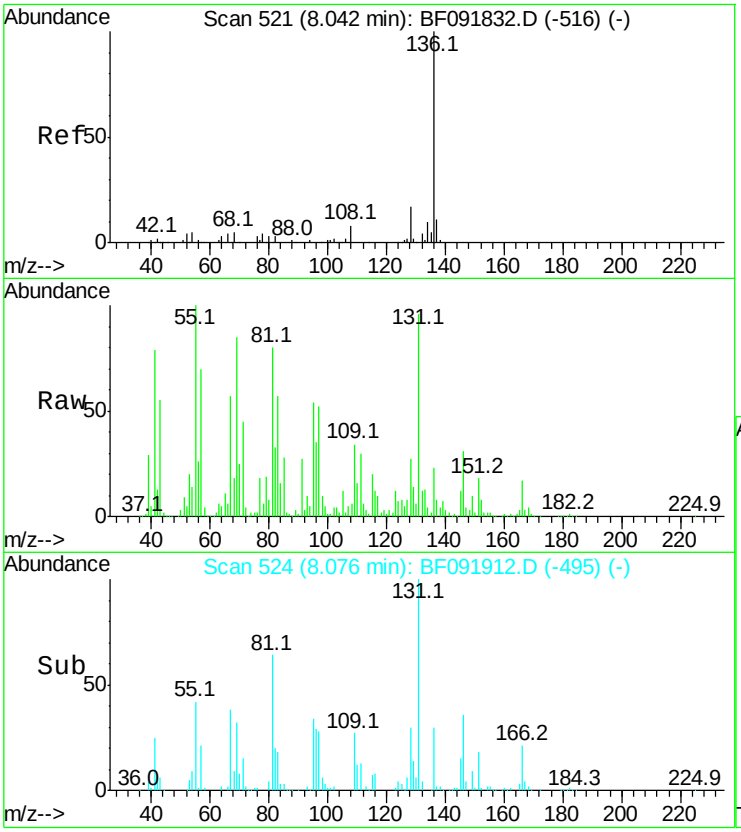


#20
3+4-Methylphenols
Concen: 49.24 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:107 Resp: 549793

Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.0	113.0
77	49.8	71.3	111.3#
79	49.1	11.1	51.1

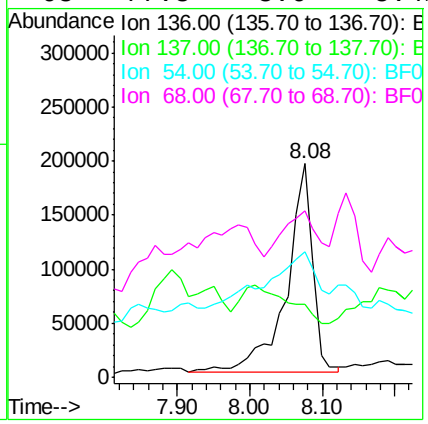




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:136 Resp: 476487

Ion	Ratio	Lower	Upper
136	100		
137	34.0	8.4	12.6#
54	59.0	4.5	6.7#
68	77.8	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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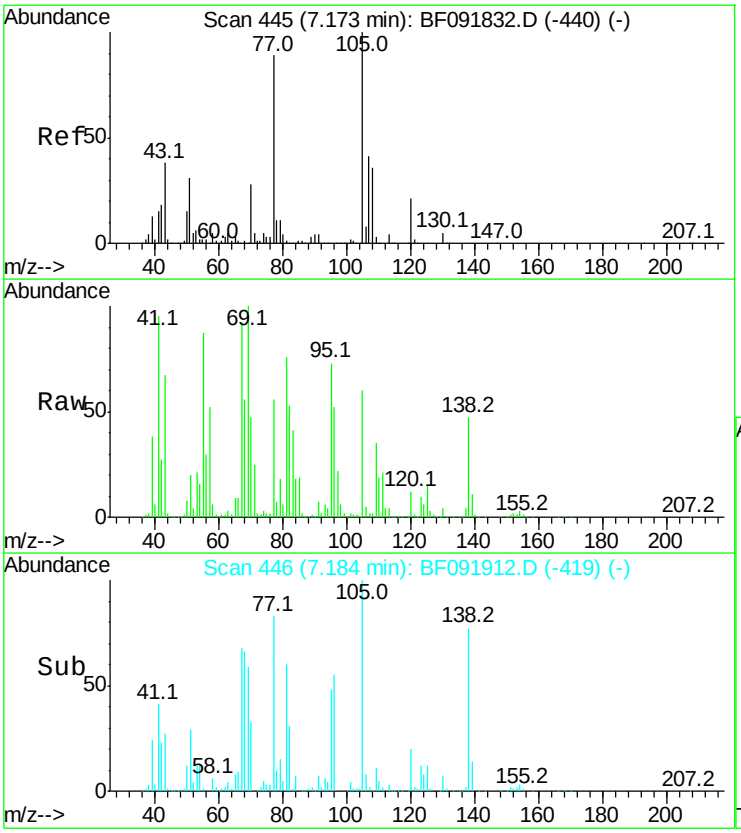
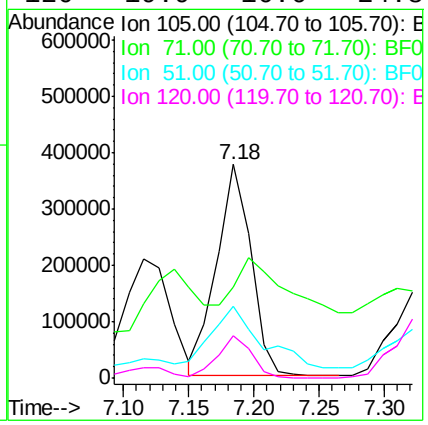
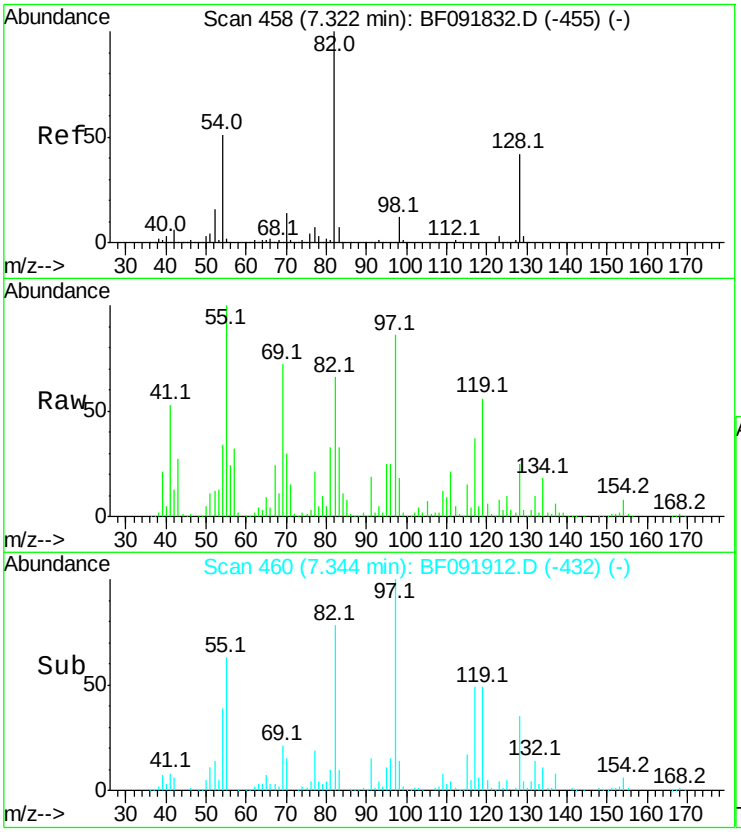


#22
Acetophenone
Concen: 58.80 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:105 Resp: 691082

Ion	Ratio	Lower	Upper
105	100		
71	42.5	3.2	4.8#
51	33.8	26.2	39.4
120	19.9	16.6	24.8

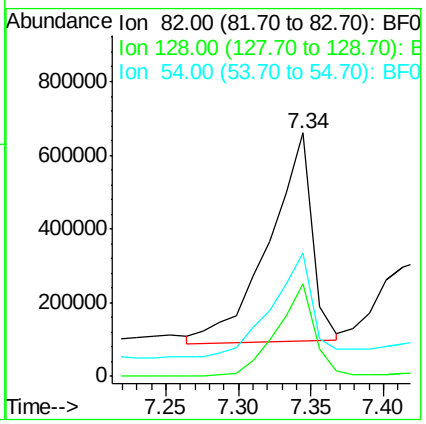




#23
Nitrobenzene-d5
Concen: 135.84 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 82 Resp: 1164045

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.6	52.0
54	50.9	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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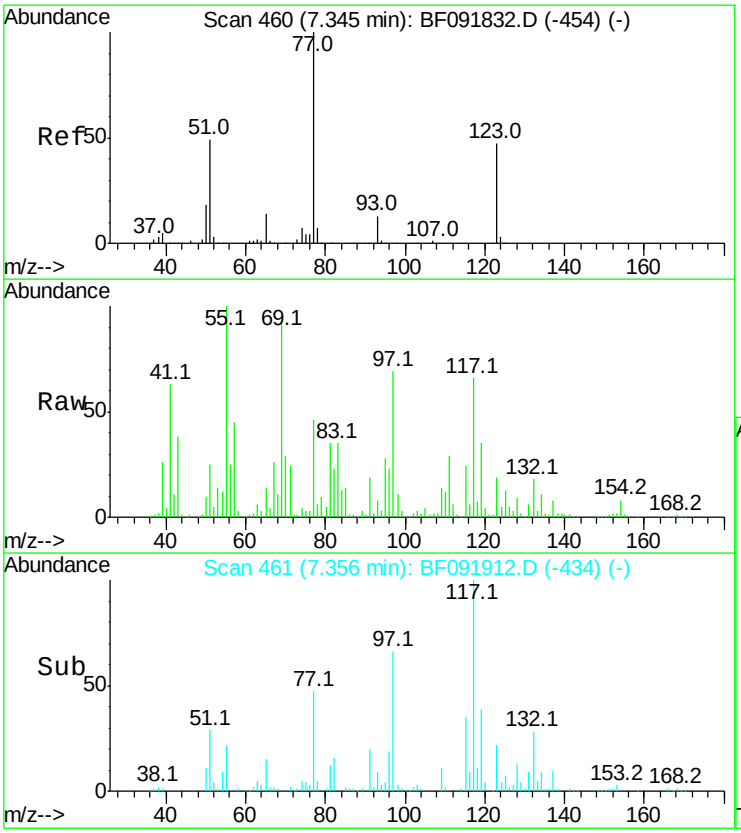
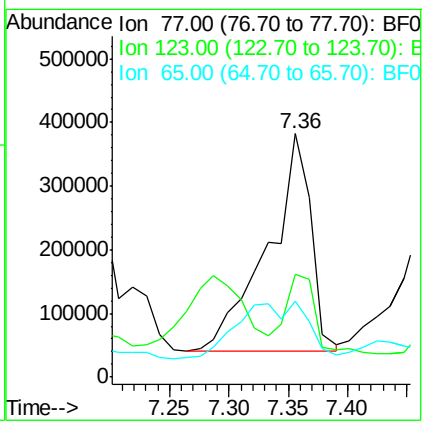
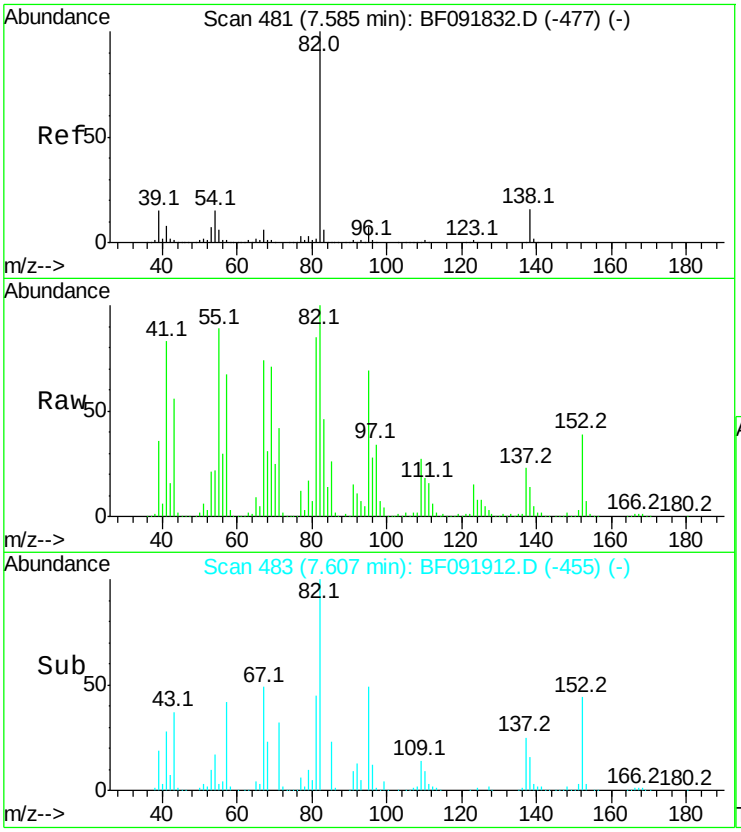


#24
Nitrobenzene
Concen: 93.84 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 77 Resp: 856433

Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.0	49.4
65	31.2	11.2	16.8#





#25
Isophorone
Concen: 112.88 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 82 Resp: 1784521

Ion	Ratio	Lower	Upper
82	100		
95	69.3	5.6	8.4#
138	14.1	14.6	22.0#

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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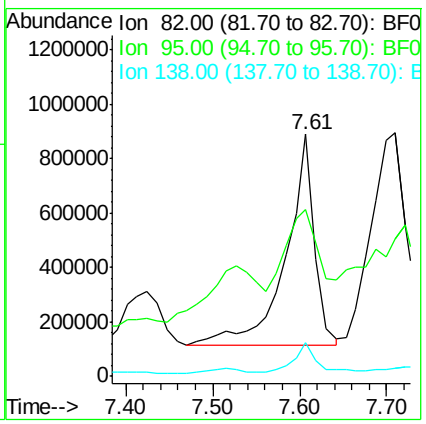
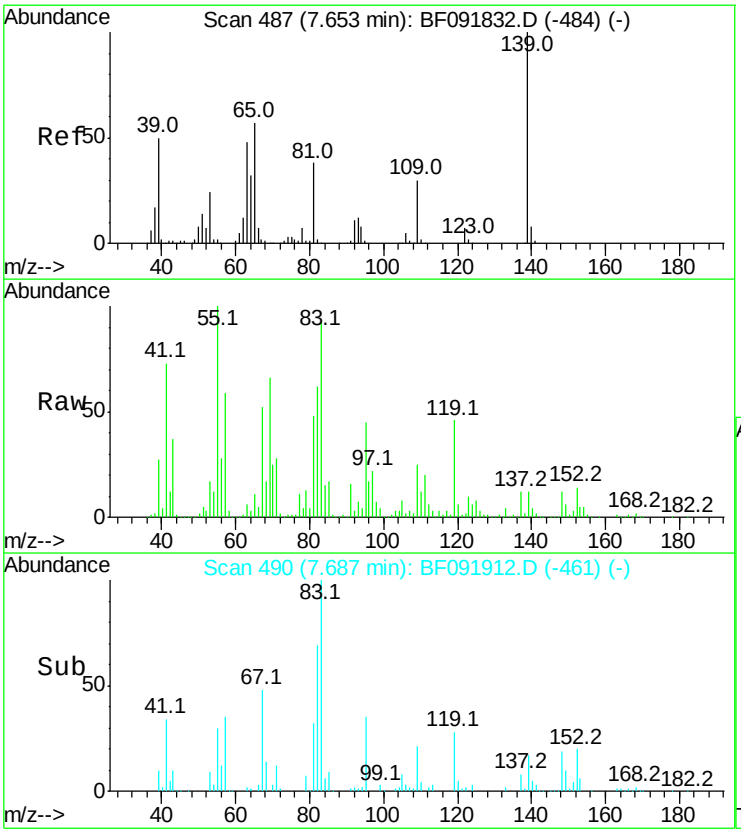
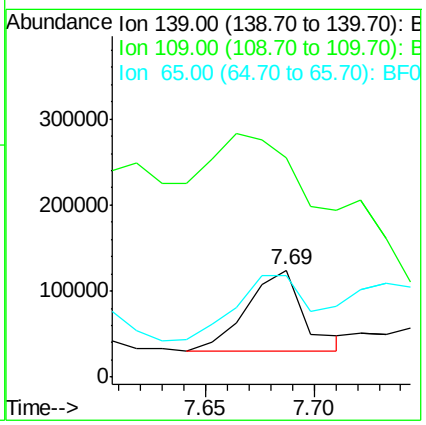


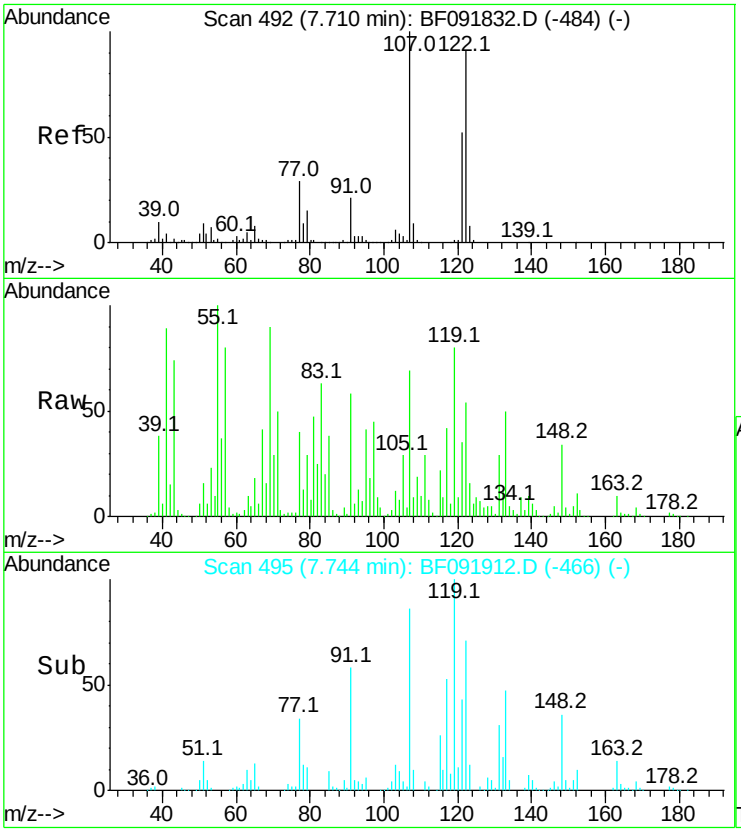


#26
2-Nitrophenol
Concen: 38.37 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:139 Resp: 172684

Ion	Ratio	Lower	Upper
139	100		
109	204.6	23.3	34.9#
65	94.9	42.7	64.1#

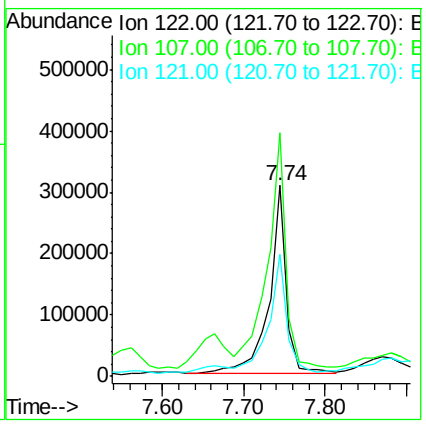




#27
2,4-Dimethylphenol
Concen: 60.31 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:122 Resp: 450208

Ion	Ratio	Lower	Upper
122	100		
107	127.5	94.1	141.1
121	64.1	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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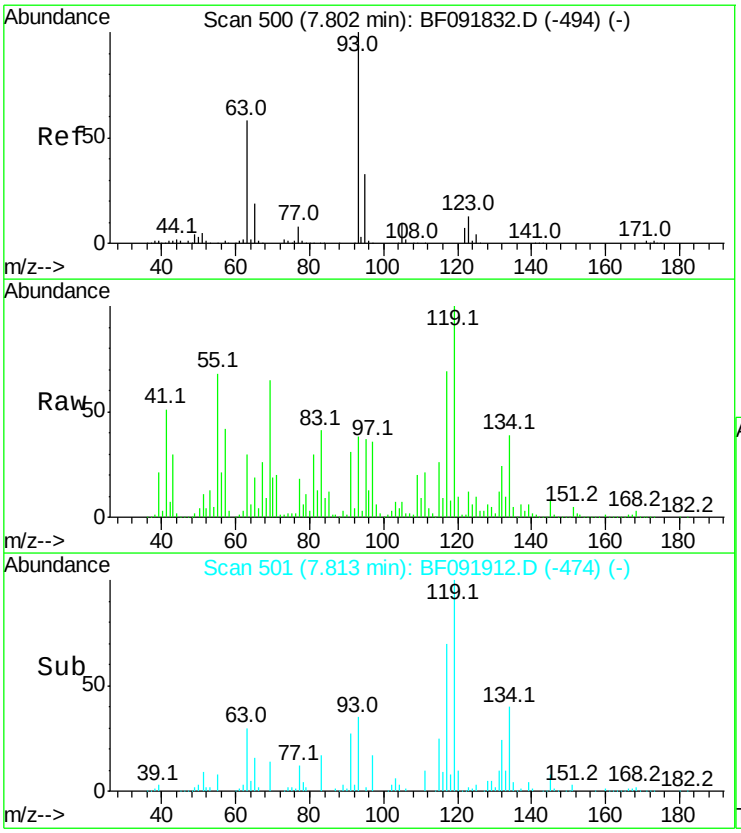
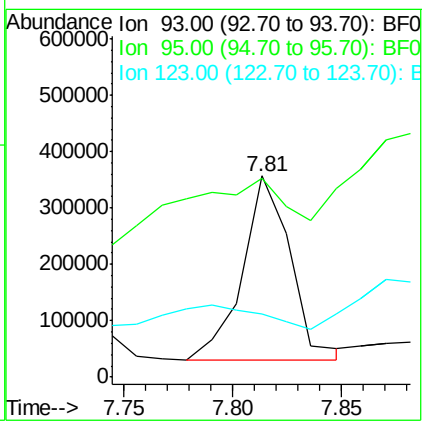
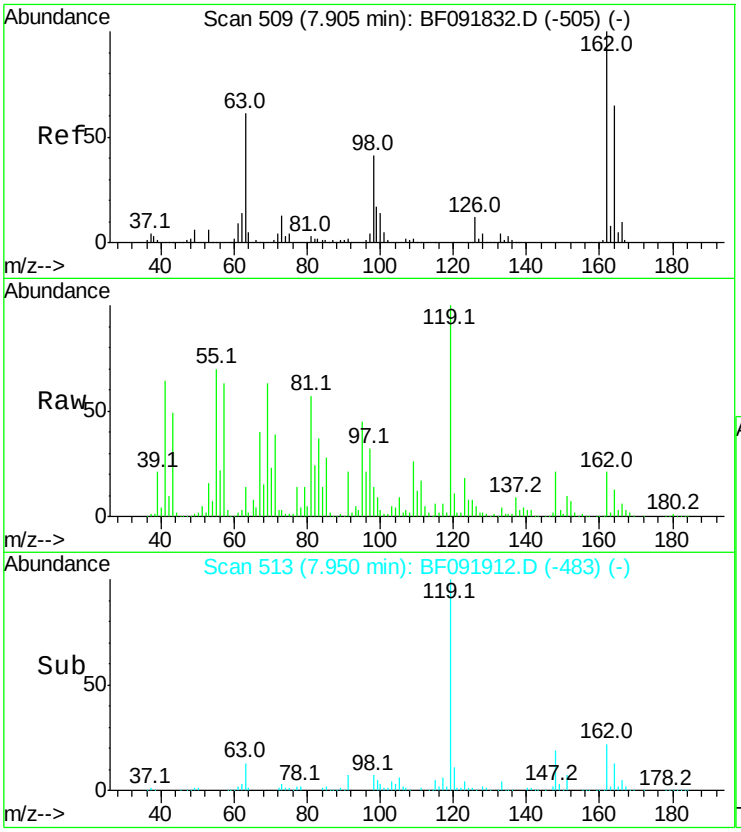


#28
bis(2-Chloroethoxy)methane
Concen: 51.91 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 93 Resp: 497630

Ion	Ratio	Lower	Upper
93	100		
95	99.1	26.5	39.7#
123	31.6	8.6	13.0#

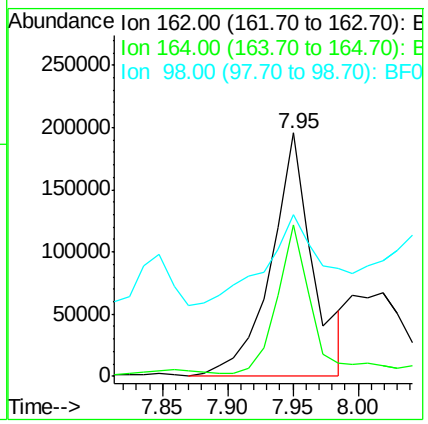




#29
2,4-Dichlorophenol
Concen: 67.85 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:162 Resp: 428912

Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	66.5	9.1	49.1#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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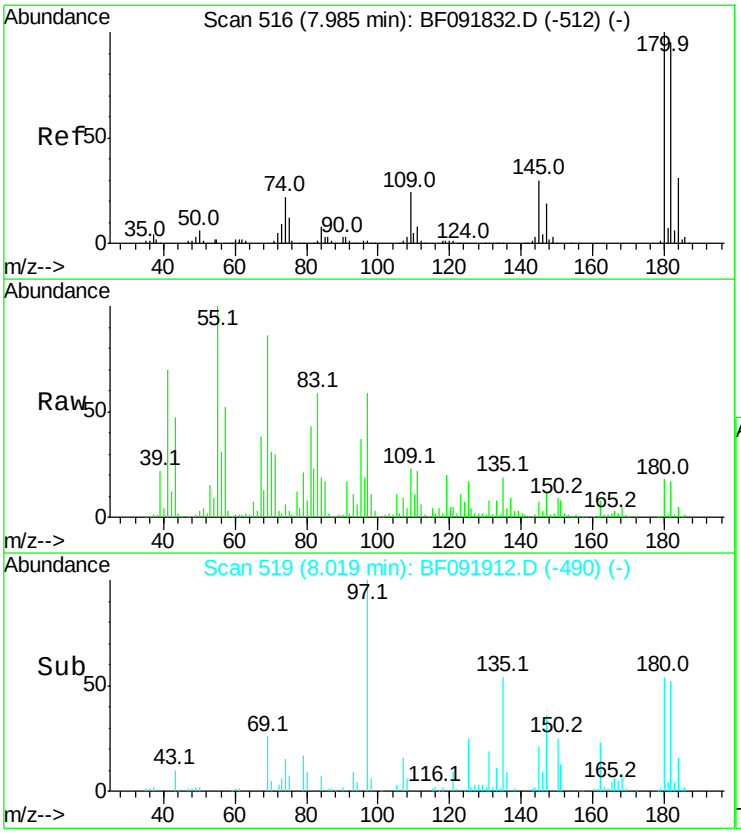
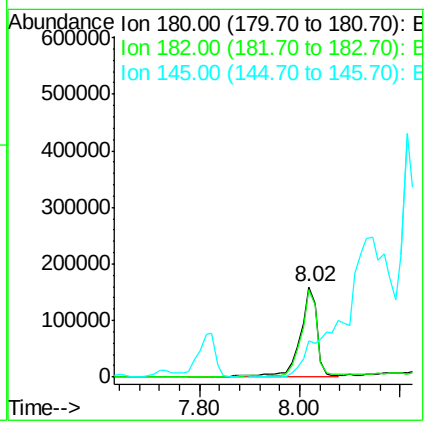
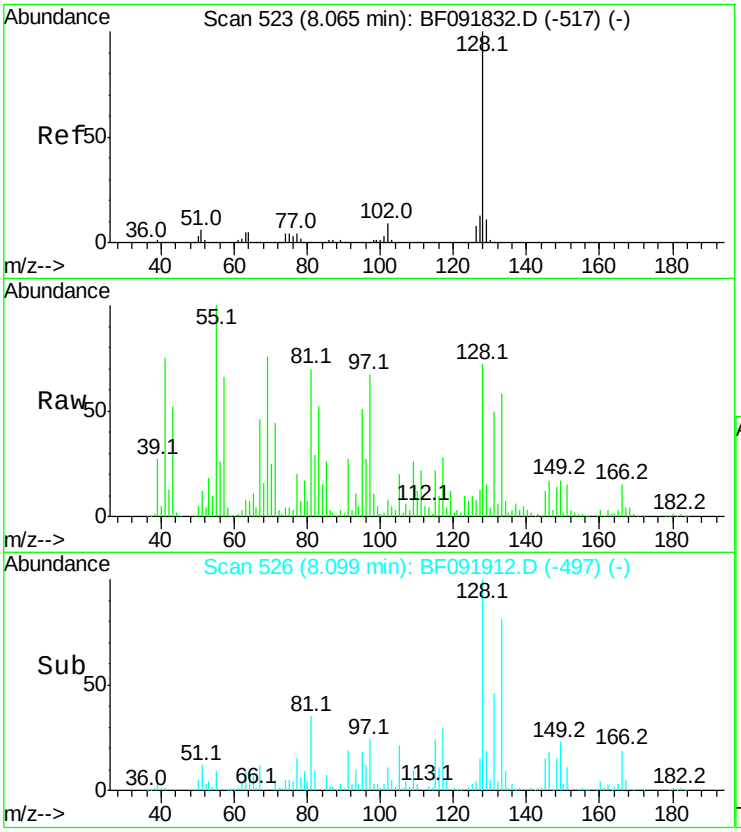


#30
1,2,4-Trichlorobenzene
Concen: 53.11 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:180 Resp: 367849

Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.2	117.4
145	39.5	21.6	32.4#

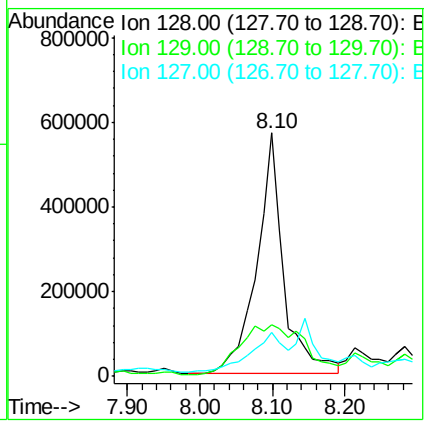




#31
Naphthalene
Concen: 68.41 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:128 Resp: 1491829

Ion	Ratio	Lower	Upper
128	100		
129	21.4	9.5	14.3#
127	18.2	10.8	16.2#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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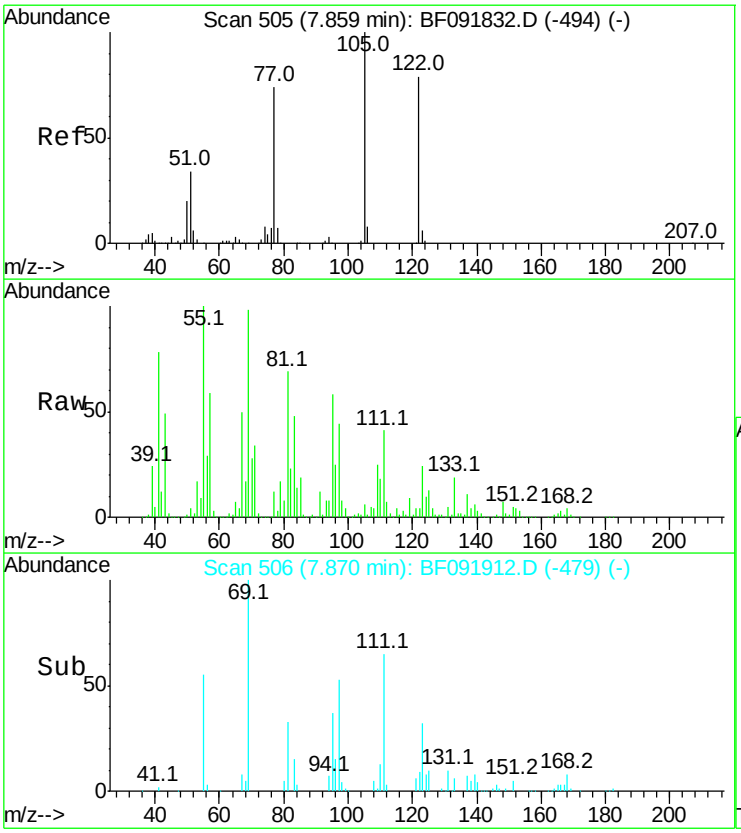
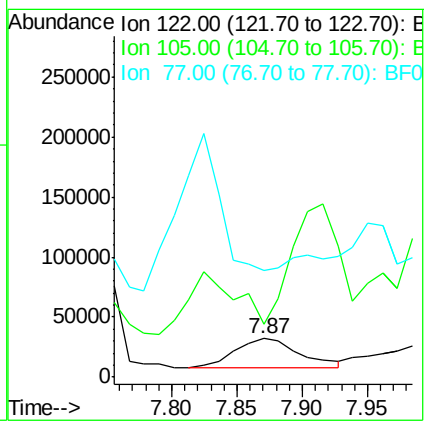
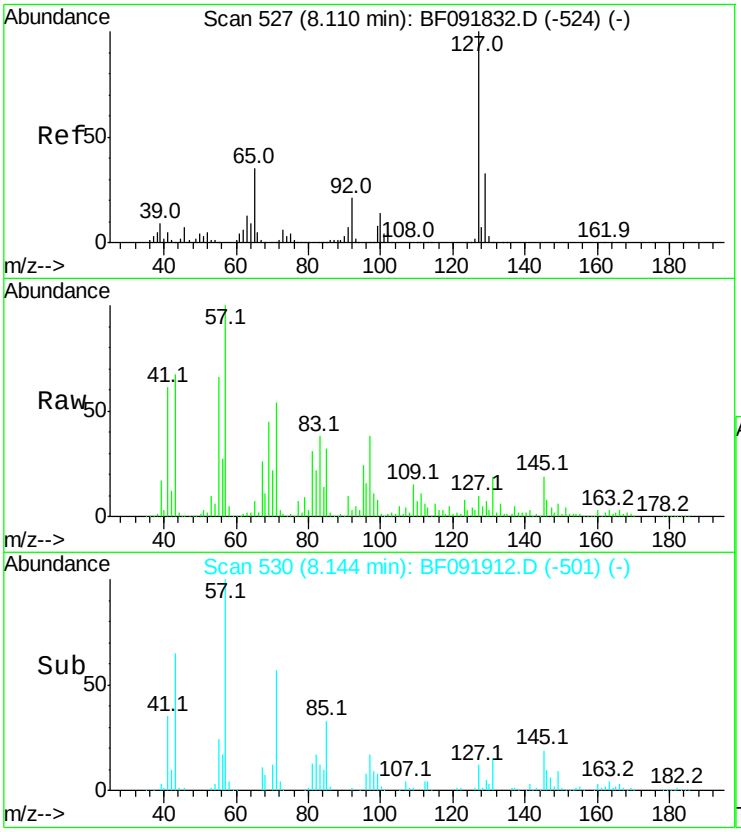


#32
Benzoic acid
Concen: 14.82 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:122 Resp: 82078

Ion	Ratio	Lower	Upper
122	100		
105	136.4	107.2	147.2
77	277.7	74.5	114.5#

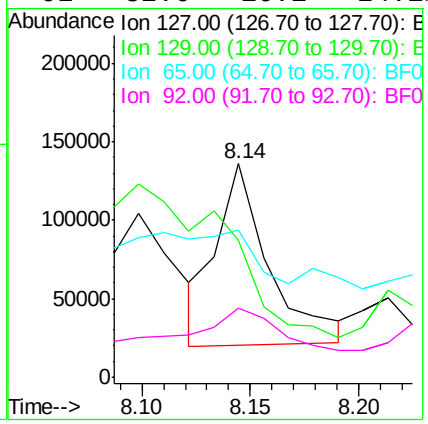




#33
4-Chloroaniline
Concen: 19.72 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:127 Resp: 193940

Ion	Ratio	Lower	Upper
127	100		
129	64.2	26.3	39.5#
65	68.6	25.8	38.8#
92	32.6	16.1	24.1#



Instrument :
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ClientSampleId :
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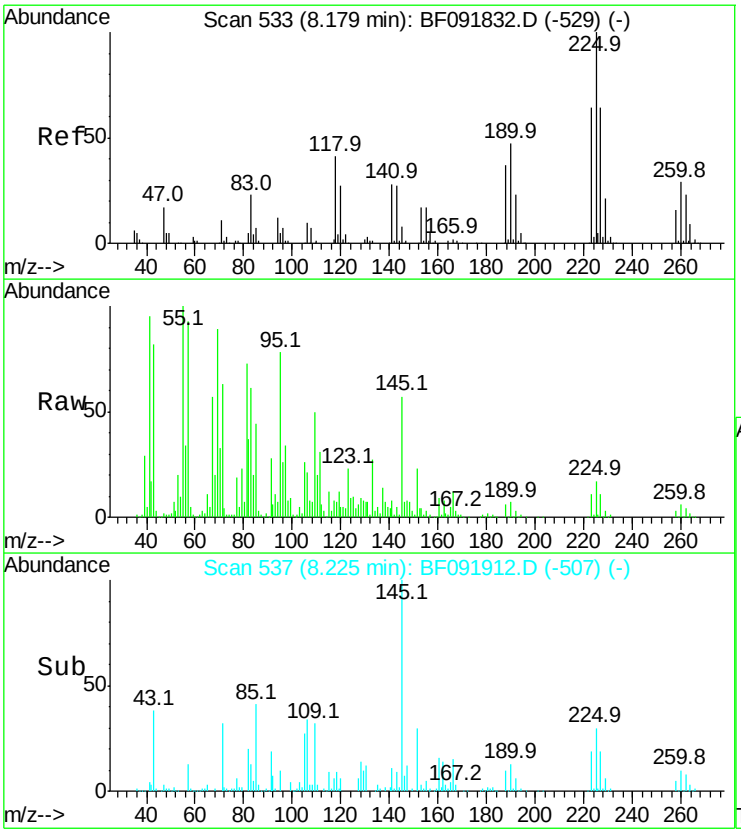
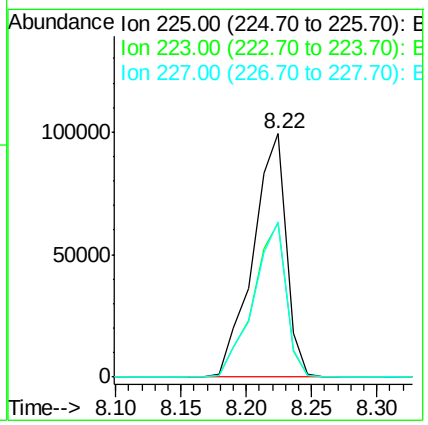
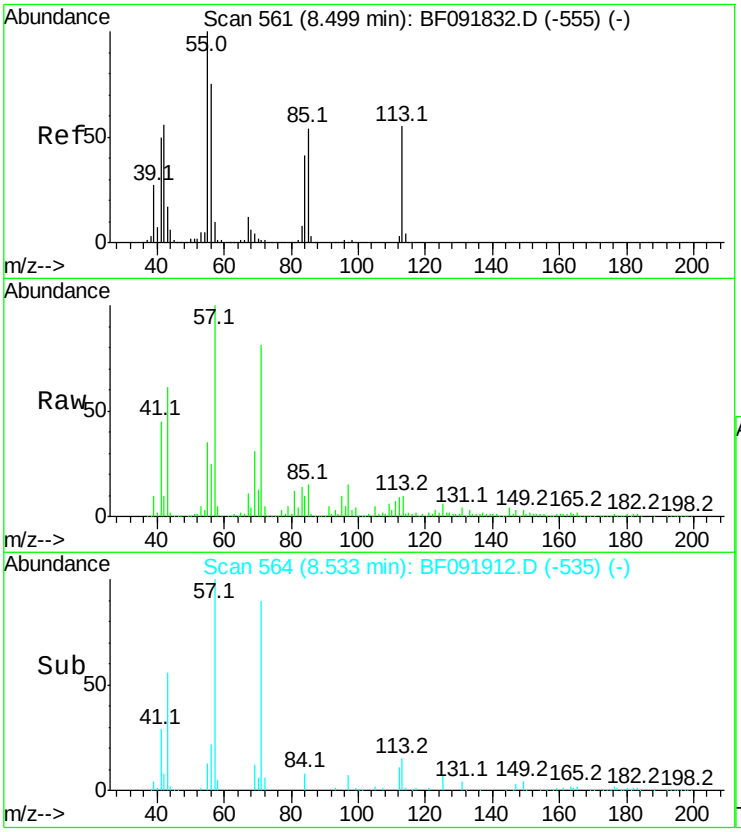


#34
Hexachlorobutadiene
Concen: 48.60 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:225 Resp: 177688

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	63.6	50.6	76.0





#35
Caprolactam
Concen: 403.50 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:113 Resp: 838171

Ion	Ratio	Lower	Upper
113	100		
55	336.9	119.2	159.2#
56	239.2	83.8	123.8#

Instrument :
BNA_F
ClientSampleId :
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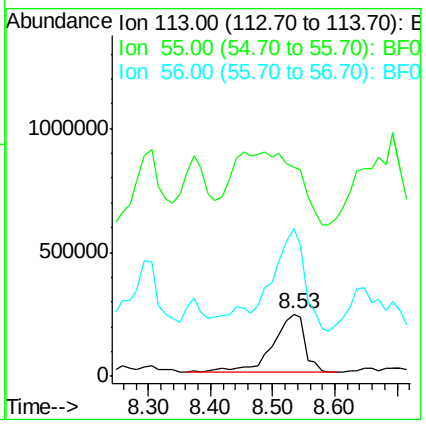
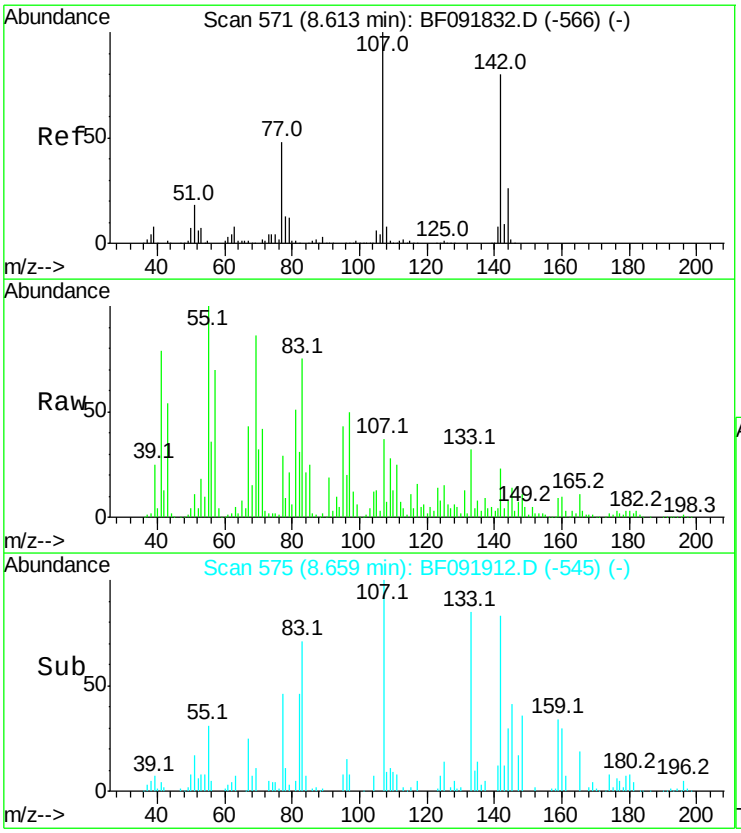
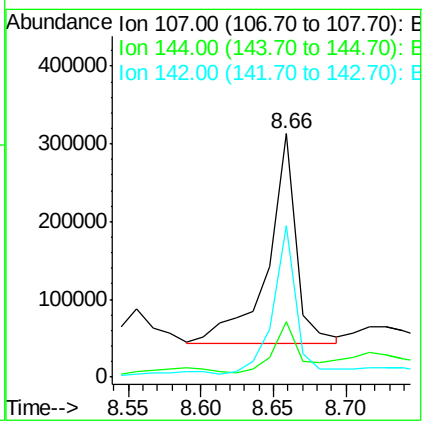


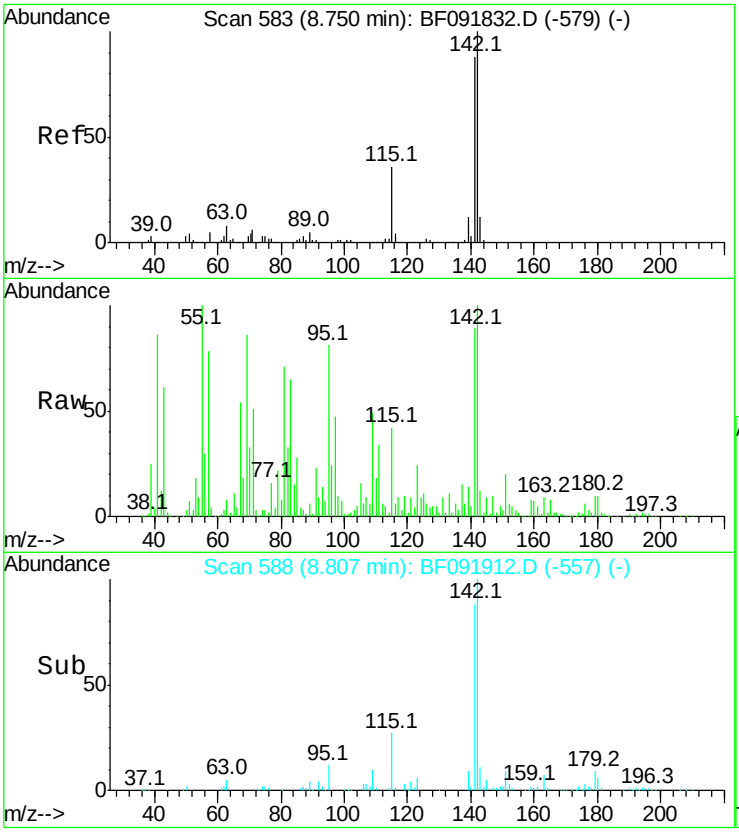


#36
4-Chloro-3-methylphenol
Concen: 50.33 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:107 Resp: 366055

Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.3	28.9
142	62.1	59.0	88.6

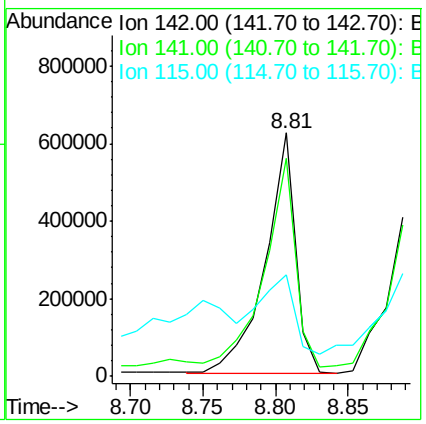




#37
2-Methylnaphthalene
Concen: 60.23 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.06 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:142 Resp: 900815

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	41.9	28.3	42.5



Instrument :
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ClientSampleId :
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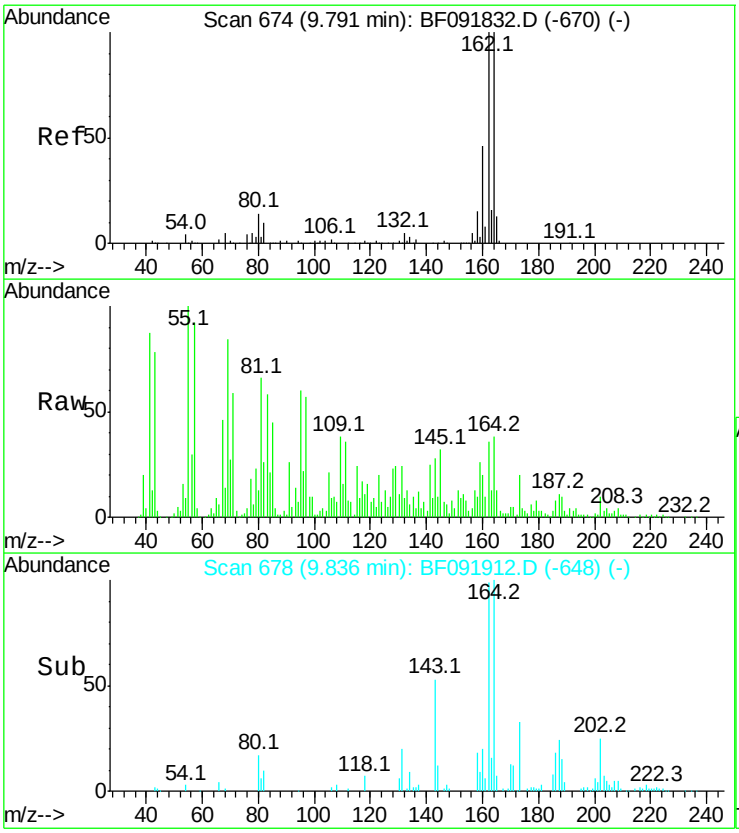
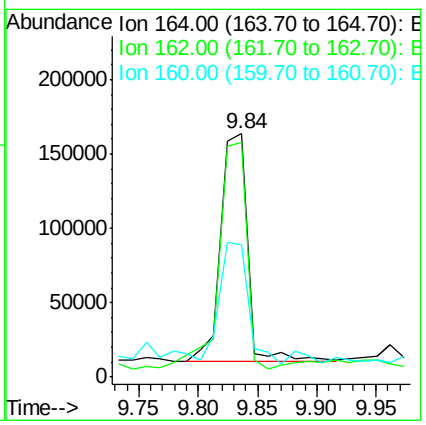
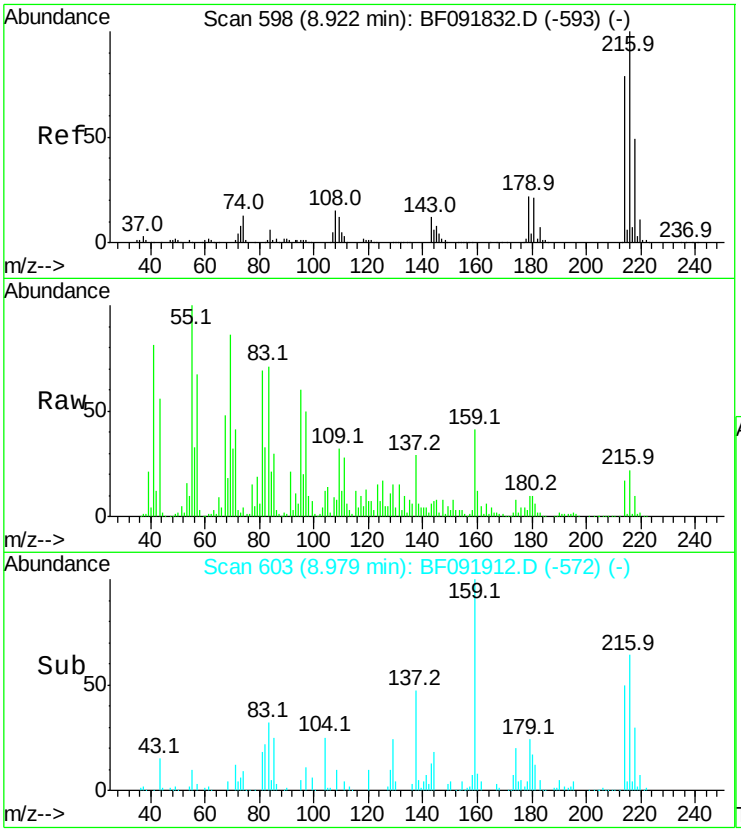


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:164 Resp: 237816

Ion	Ratio	Lower	Upper
164	100		
162	96.6	80.2	120.2
160	54.3	36.9	55.3

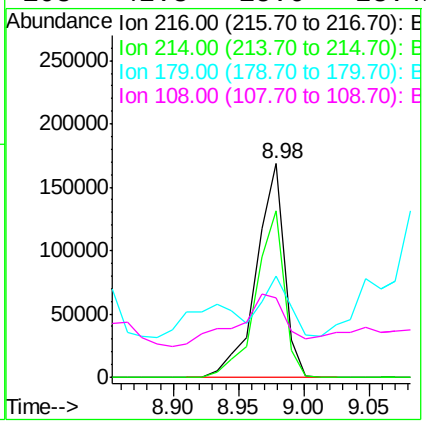




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.31 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.06 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:216 Resp: 254241

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	32.8	17.4	26.2#
108	42.3	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
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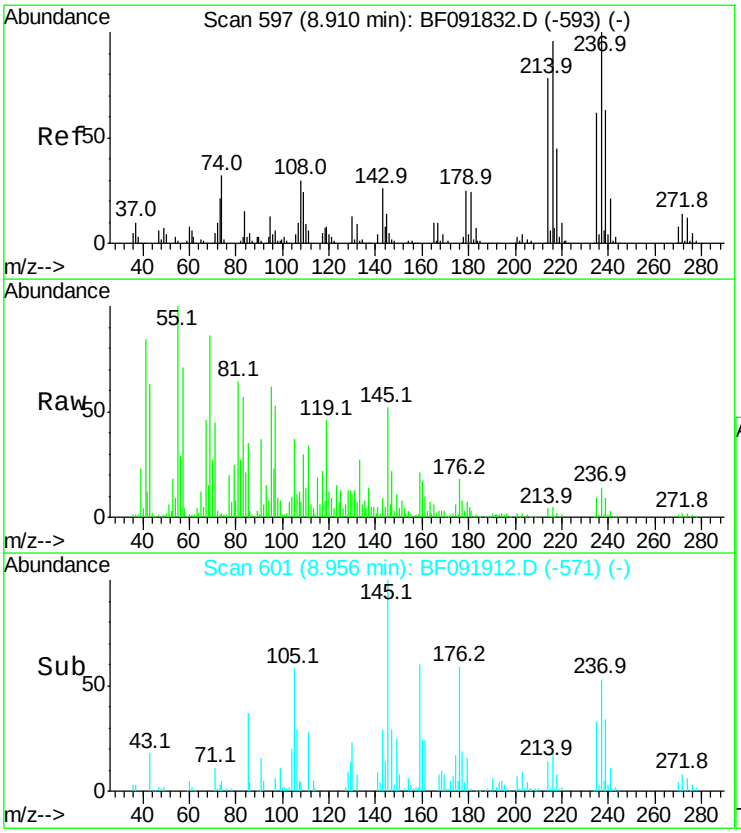
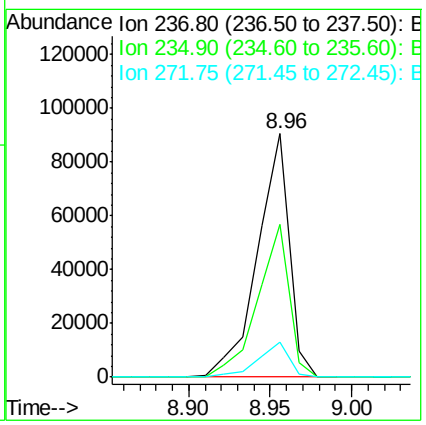
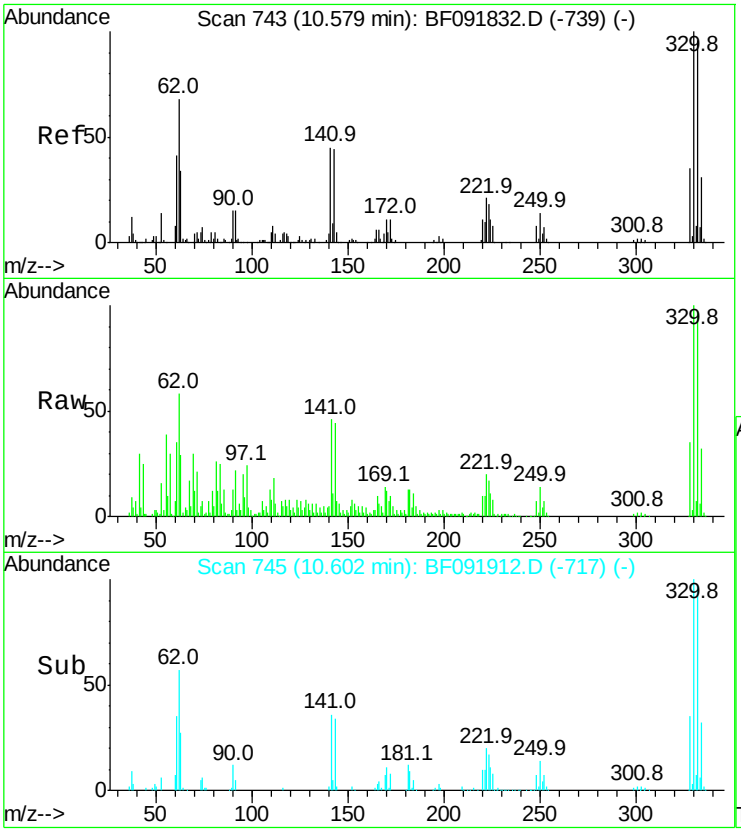


#40
Hexachlorocyclopentadiene
Concen: 47.61 ng
RT: 8.96 min Scan# 601
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:237 Resp: 122875

Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.2	81.2
272	14.5	0.0	35.4

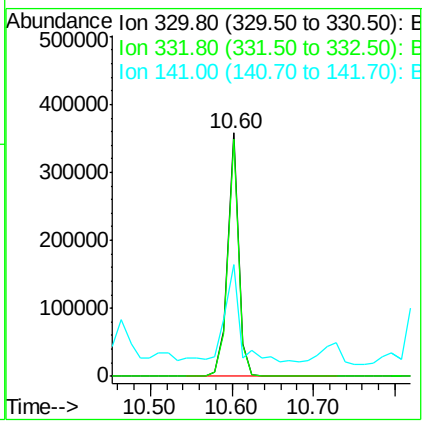




#41
2,4,6-Tribromophenol
Concen: 169.46 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:330 Resp: 333522

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	51.0	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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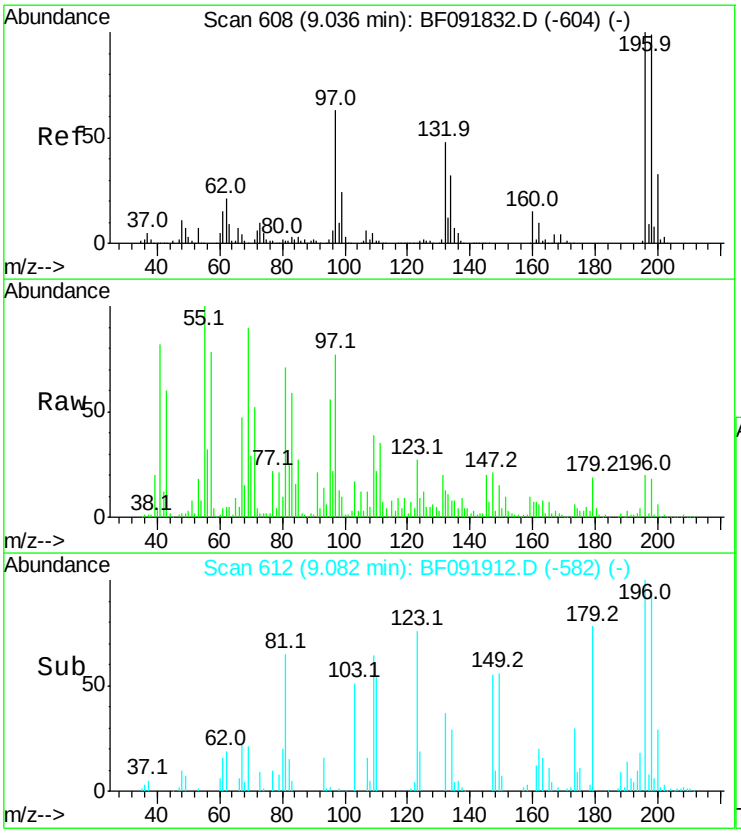
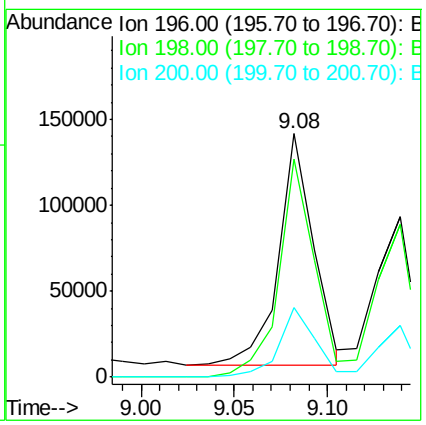
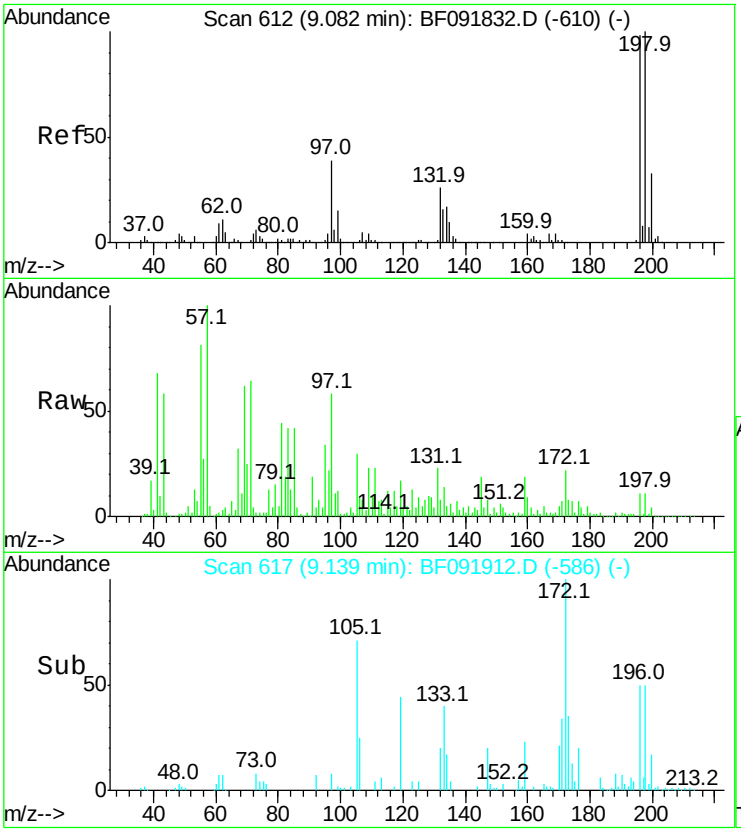


#42
2,4,6-Trichlorophenol
Concen: 42.12 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:196 Resp: 176975

Ion	Ratio	Lower	Upper
196	100		
198	89.8	82.1	123.1
200	28.4	27.0	40.4

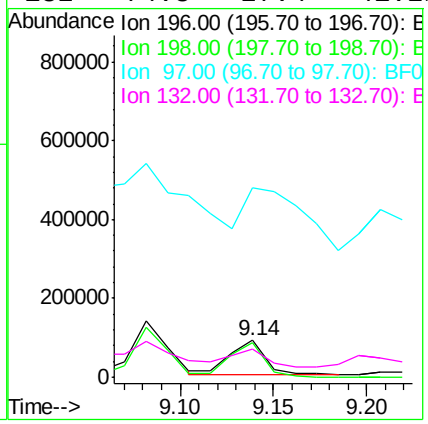




#43
2,4,5-Trichlorophenol
Concen: 27.56 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.06 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:196 Resp: 119179

Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.2
97	512.3	51.5	77.3#
132	74.8	27.4	41.2#



Instrument :
BNA_F
ClientSampleId :
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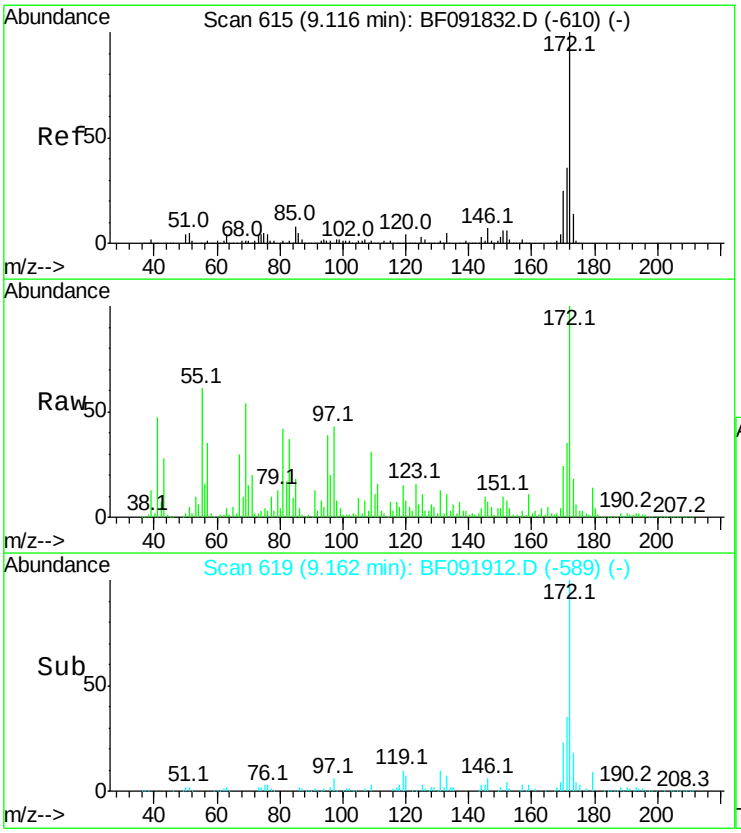
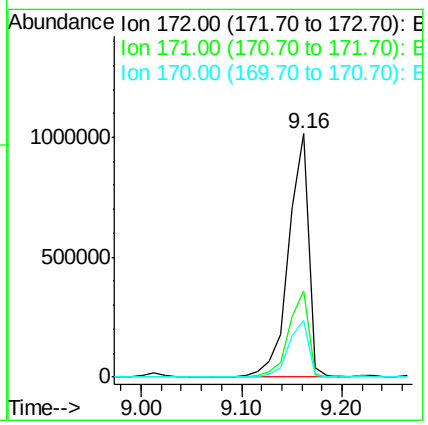
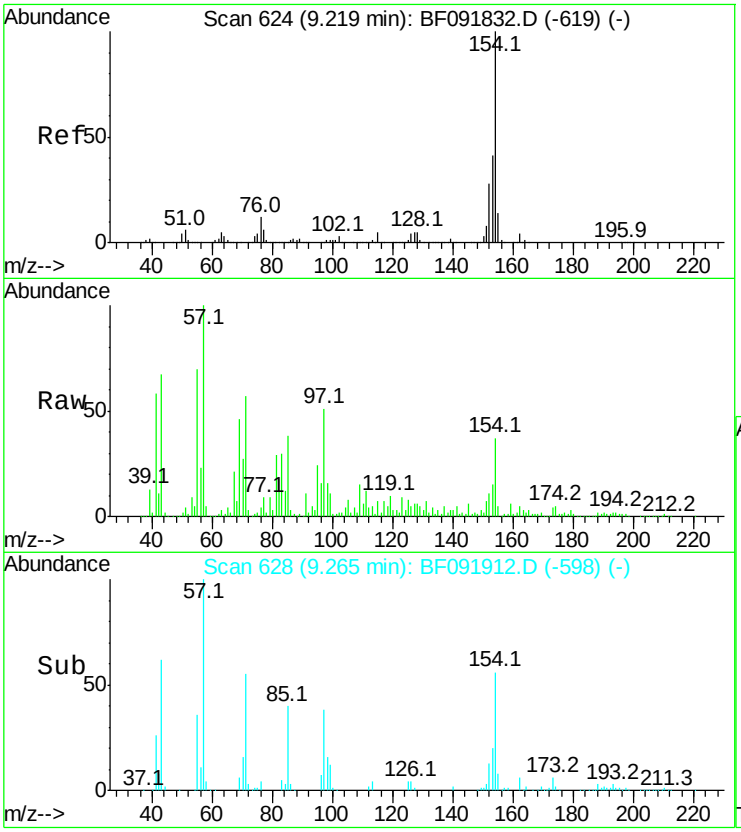


#44
2-Fluorobiphenyl
Concen: 126.93 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:172 Resp: 1399400

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.5	20.2	30.4

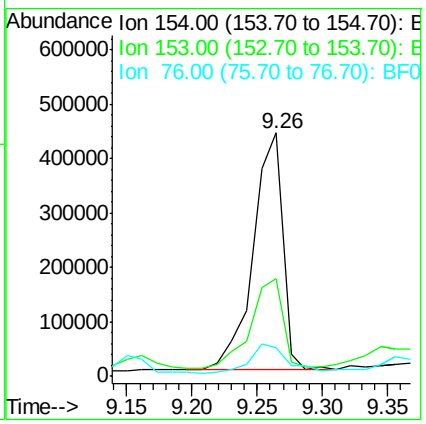




#45
1,1'-Biphenyl
Concen: 43.08 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:154 Resp: 701433

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	11.6	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
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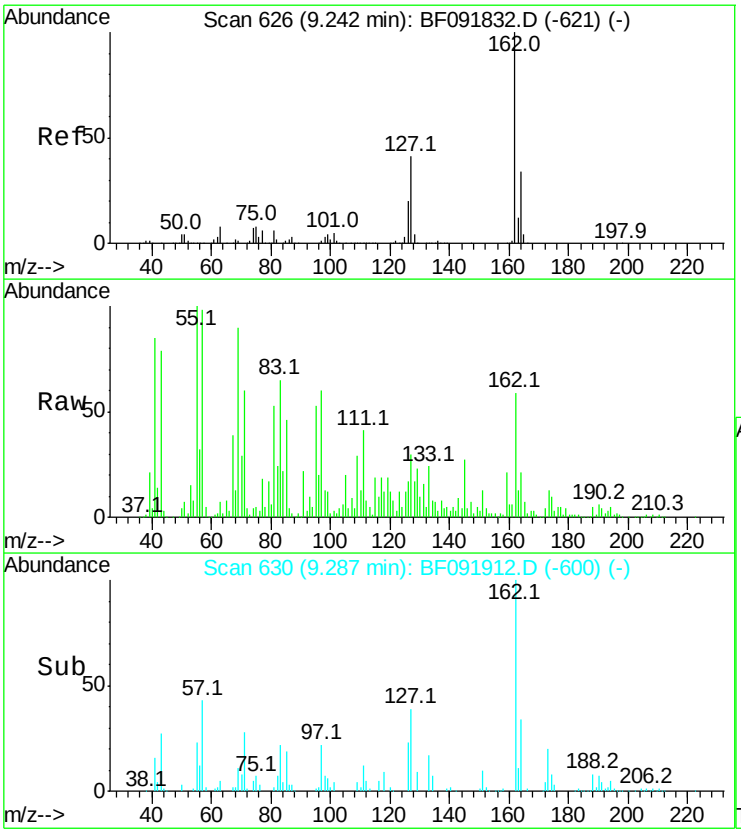
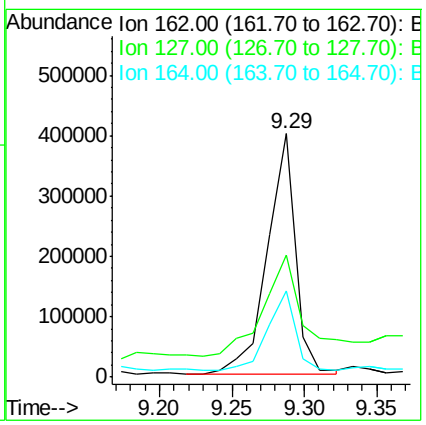
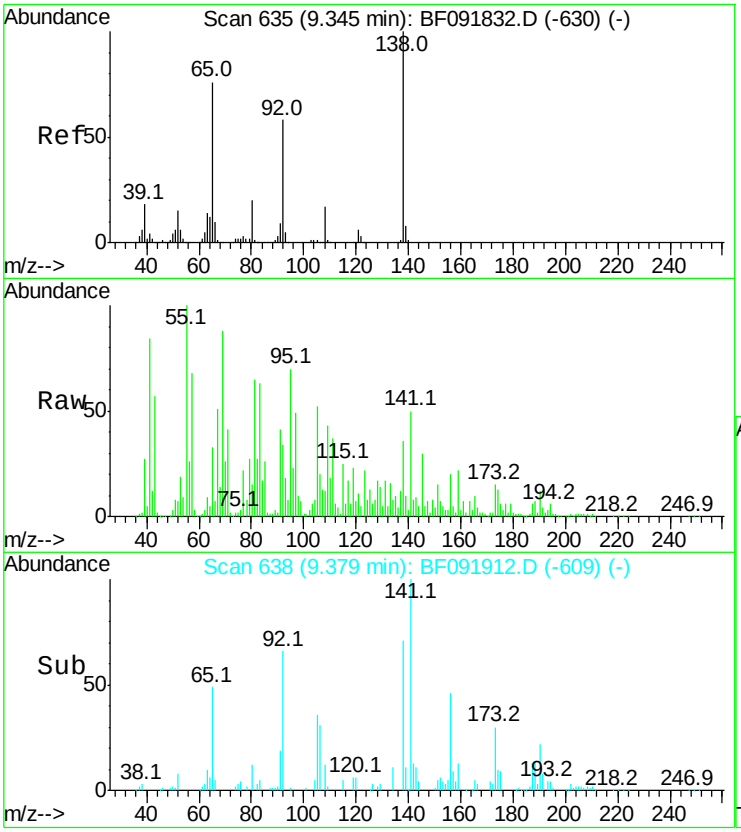


#46
2-Chloronaphthalene
Concen: 41.45 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:162 Resp: 534553

Ion	Ratio	Lower	Upper
162	100		
127	50.3	30.7	46.1#
164	35.2	27.6	41.4

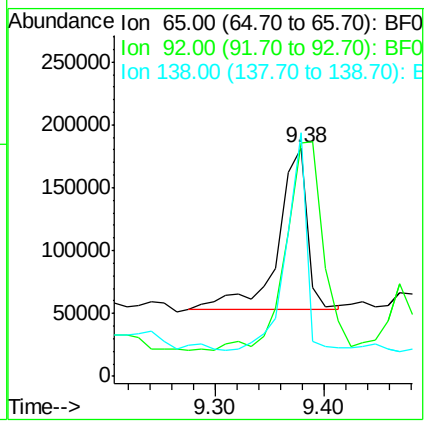




#47
2-Nitroaniline
Concen: 53.10 ng
RT: 9.38 min Scan# 638
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 65 Resp: 243803

Ion	Ratio	Lower	Upper
65	100		
92	102.2	53.9	80.9#
138	106.7	76.8	115.2



Instrument :
BNA_F
ClientSampleId :
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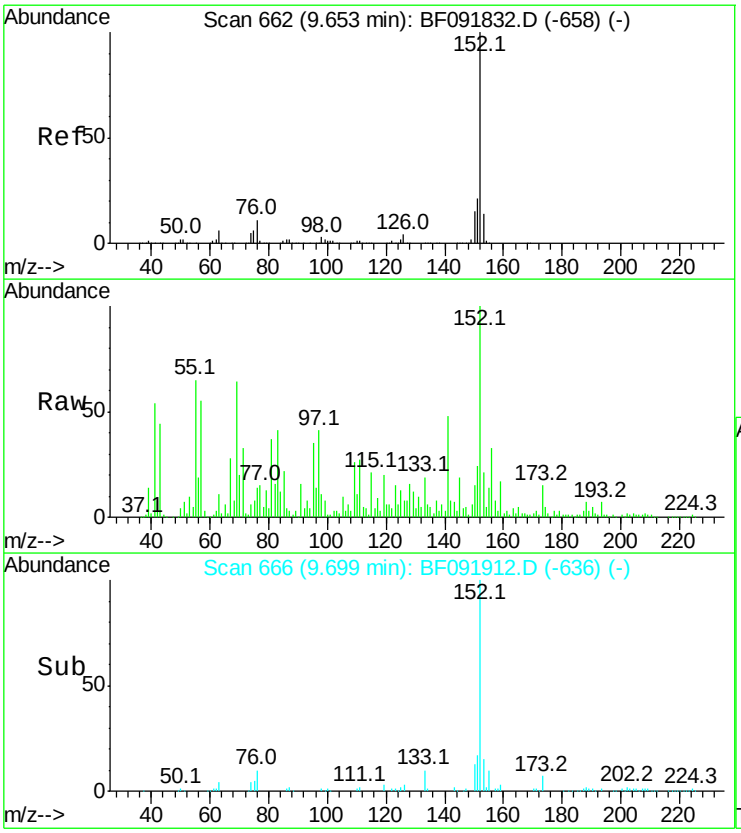
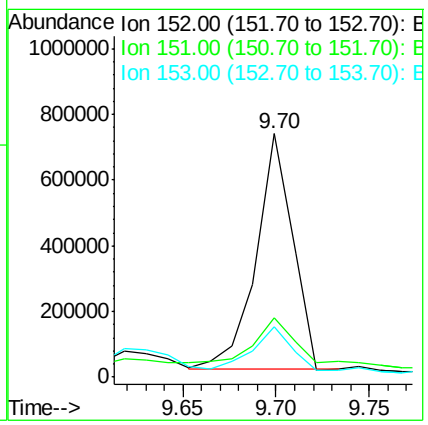
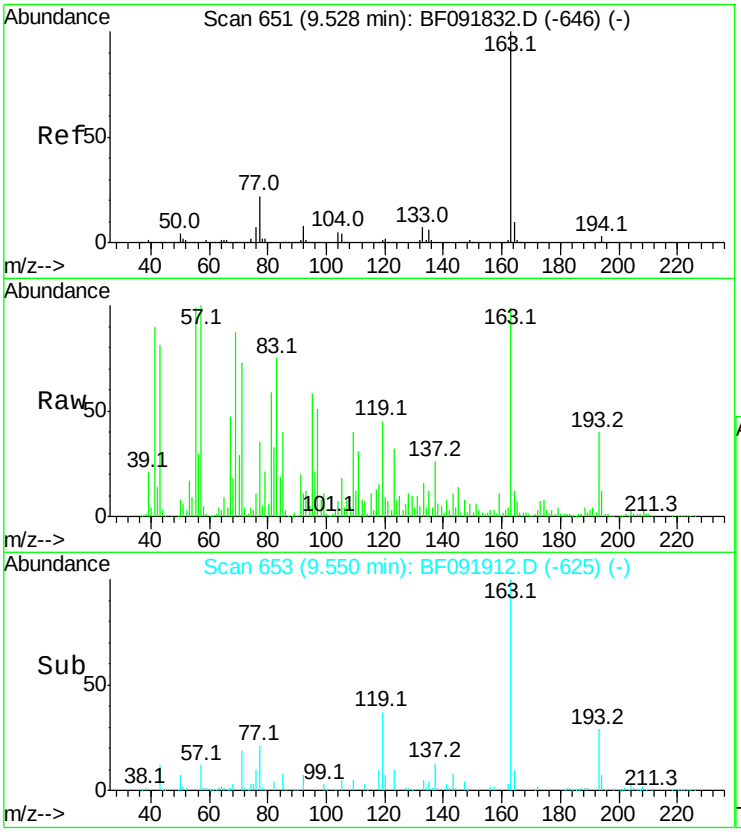


#48
Acenaphthylene
Concen: 49.34 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:152 Resp: 978455

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.9	25.3
153	20.9	11.4	17.2#

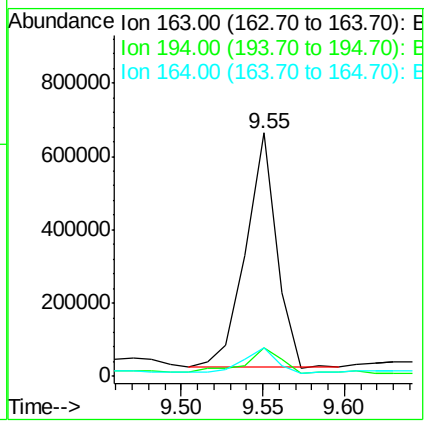




#49
Dimethylphthalate
Concen: 54.70 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:163 Resp: 832021

Ion	Ratio	Lower	Upper
163	100		
194	11.7	3.0	4.4#
164	11.7	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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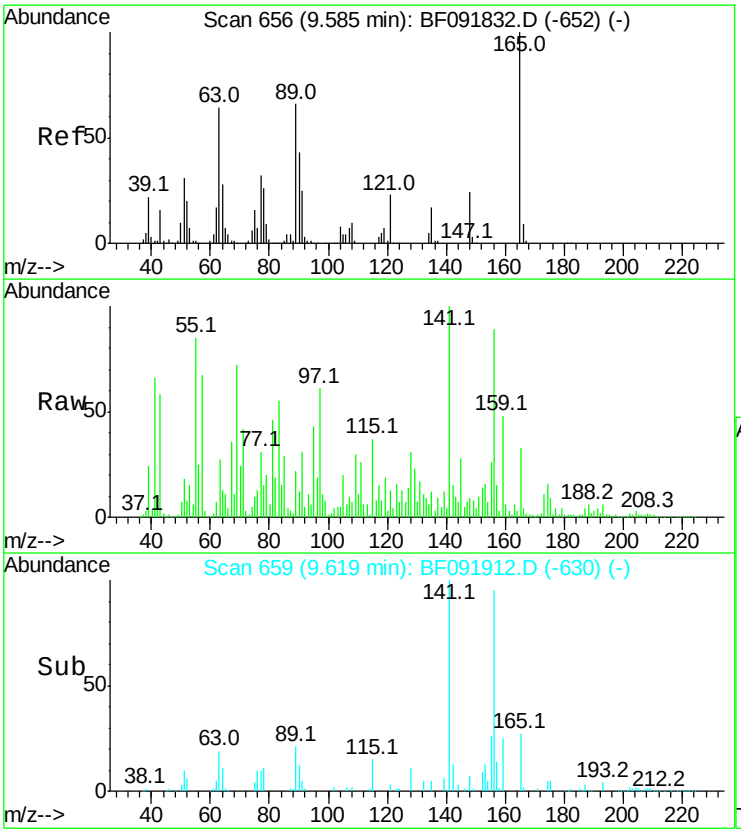
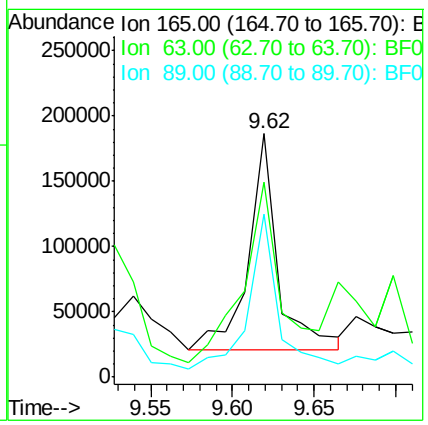
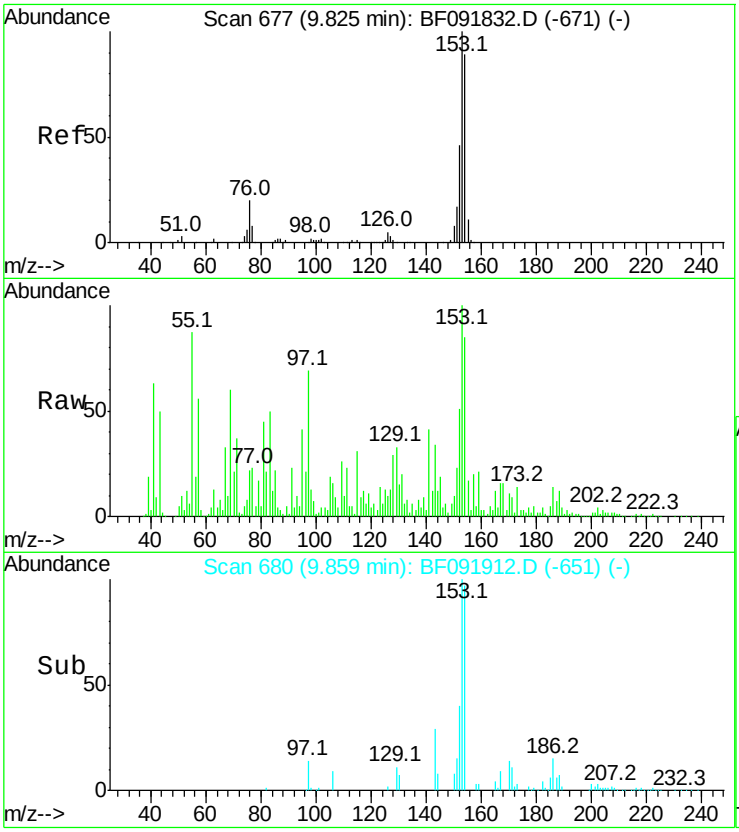


#50
2,6-Dinitrotoluene
Concen: 62.67 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:165 Resp: 208655

Ion	Ratio	Lower	Upper
165	100		
63	80.0	36.2	54.4#
89	67.0	40.2	60.4#

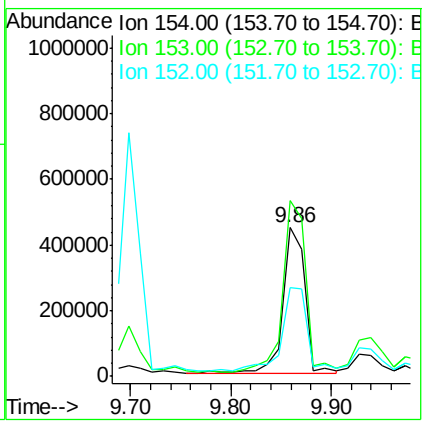




#51
Acenaphthene
Concen: 49.99 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:154 Resp: 672176

Ion	Ratio	Lower	Upper
154	100		
153	118.1	88.6	133.0
152	60.0	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
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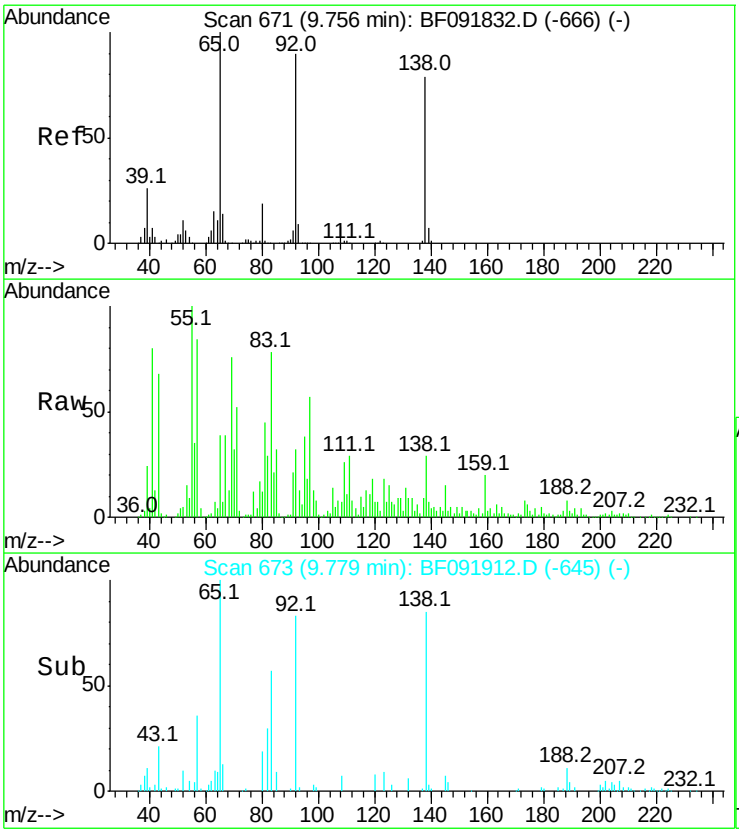
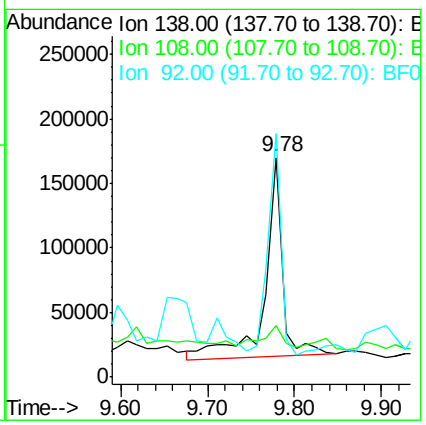
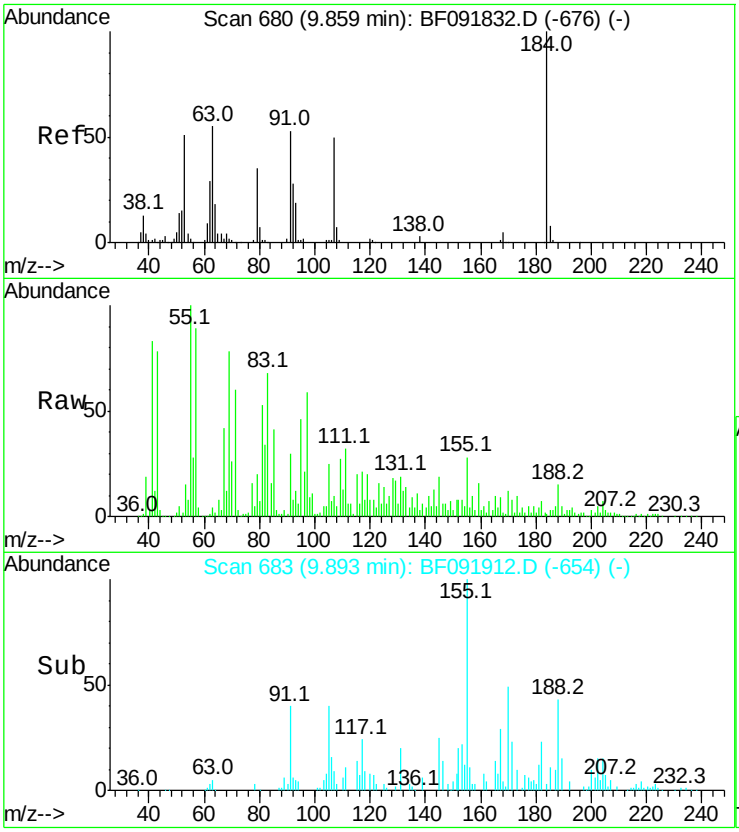


#52
3-Nitroaniline
Concen: 53.73 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:138 Resp: 221373

Ion	Ratio	Lower	Upper
138	100		
108	23.3	8.5	12.7#
92	110.8	97.8	146.8

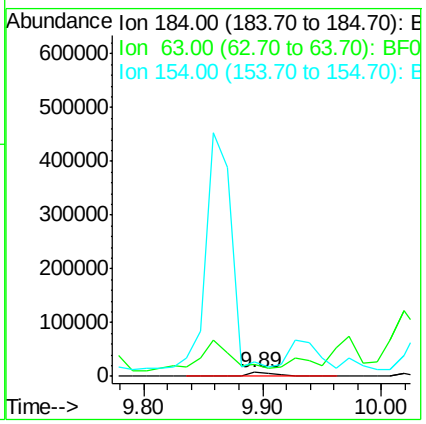




#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:184 Resp: 9509

Ion	Ratio	Lower	Upper
184	100		
63	296.3	28.4	42.6#
154	362.9	44.3	66.5#



Instrument :
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ClientSampleId :
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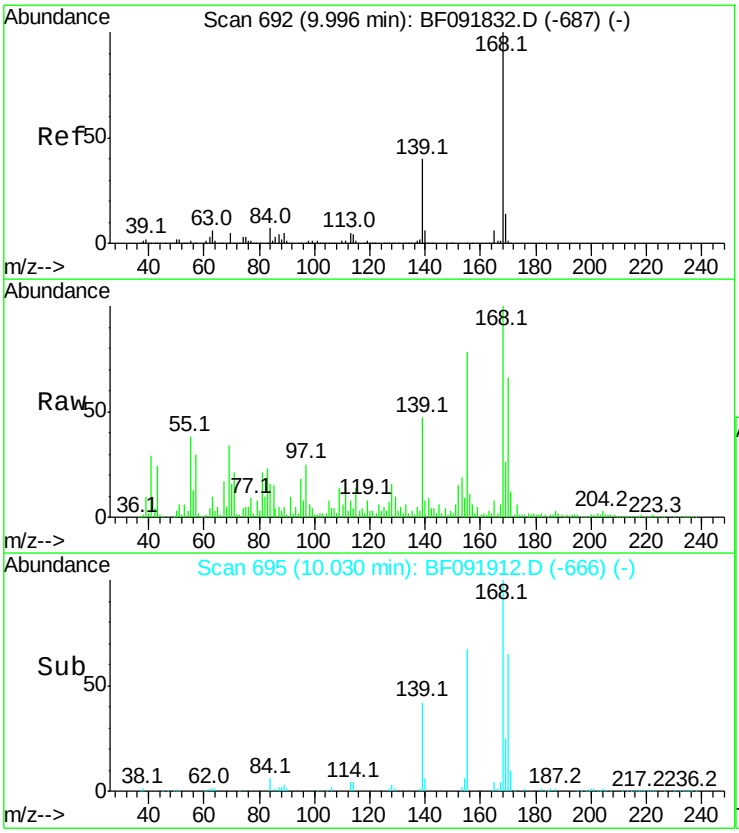
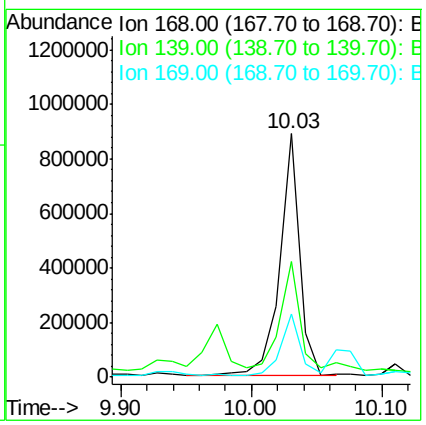
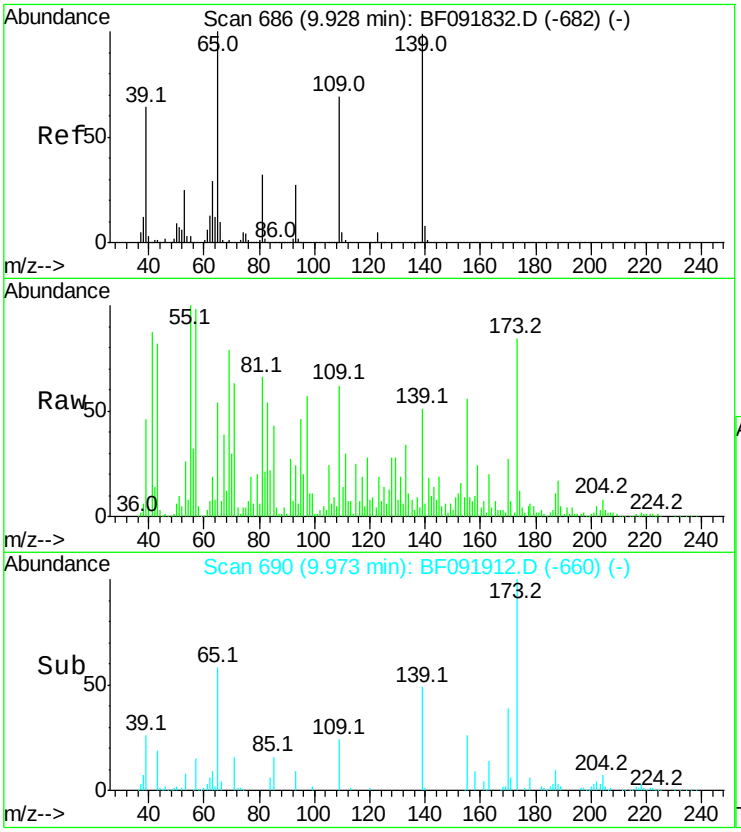


#54
Dibenzofuran
Concen: 52.32 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:168 Resp: 950032

Ion	Ratio	Lower	Upper
168	100		
139	47.5	32.6	49.0
169	25.7	11.3	16.9#

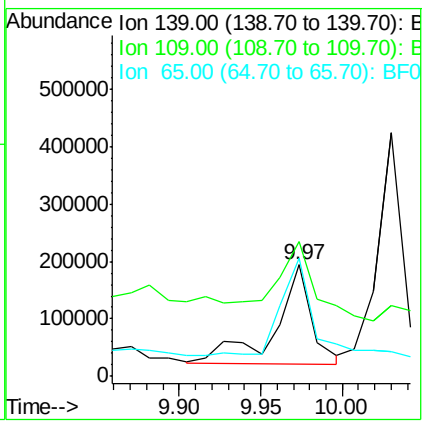




#55
4-Nitrophenol
Concen: 95.29 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.05 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:139 Resp: 266567

Ion	Ratio	Lower	Upper
139	100		
109	121.2	52.2	92.2#
65	105.7	85.8	125.8



Instrument :
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ClientSampleId :
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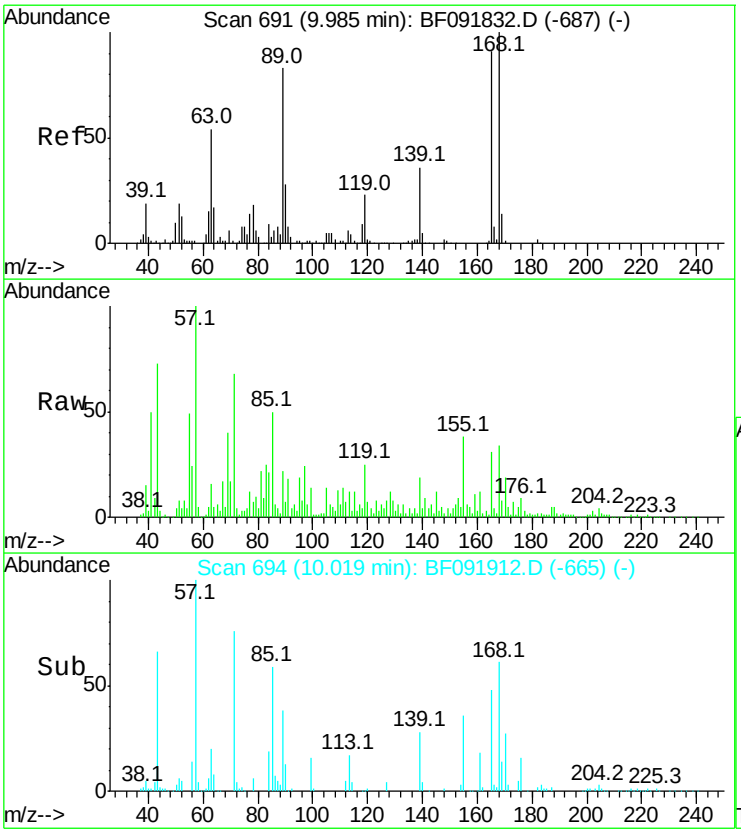
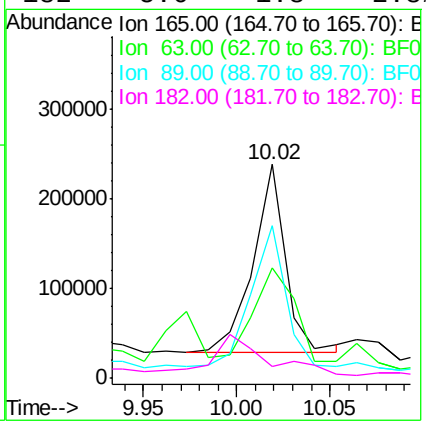
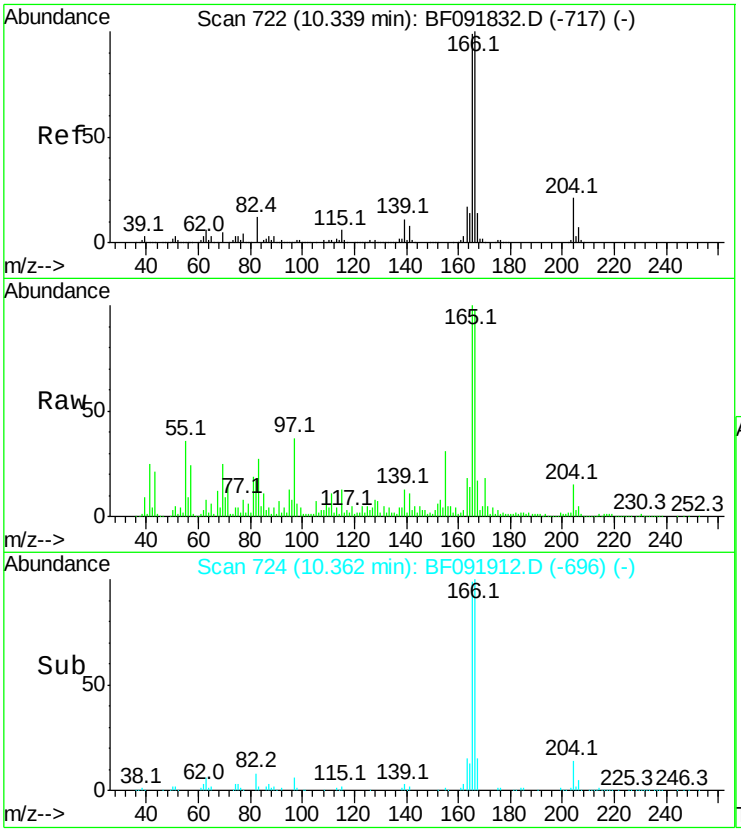


#56
2,4-Dinitrotoluene
Concen: 61.21 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:165 Resp: 255770

Ion	Ratio	Lower	Upper
165	100		
63	51.5	40.2	60.4
89	71.5	62.5	93.7
182	5.6	1.8	2.8#

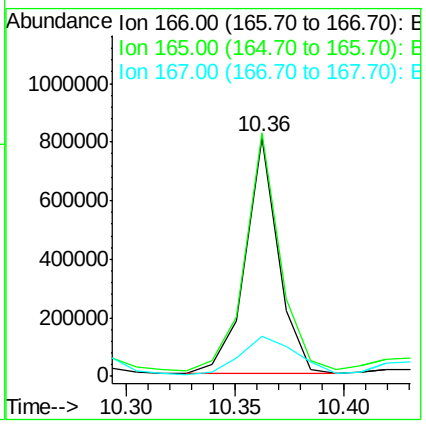




#57
Fluorene
Concen: 64.74 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:166 Resp: 855176

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.8	116.8
167	16.9	10.8	16.2#



Instrument :
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ClientSampleId :
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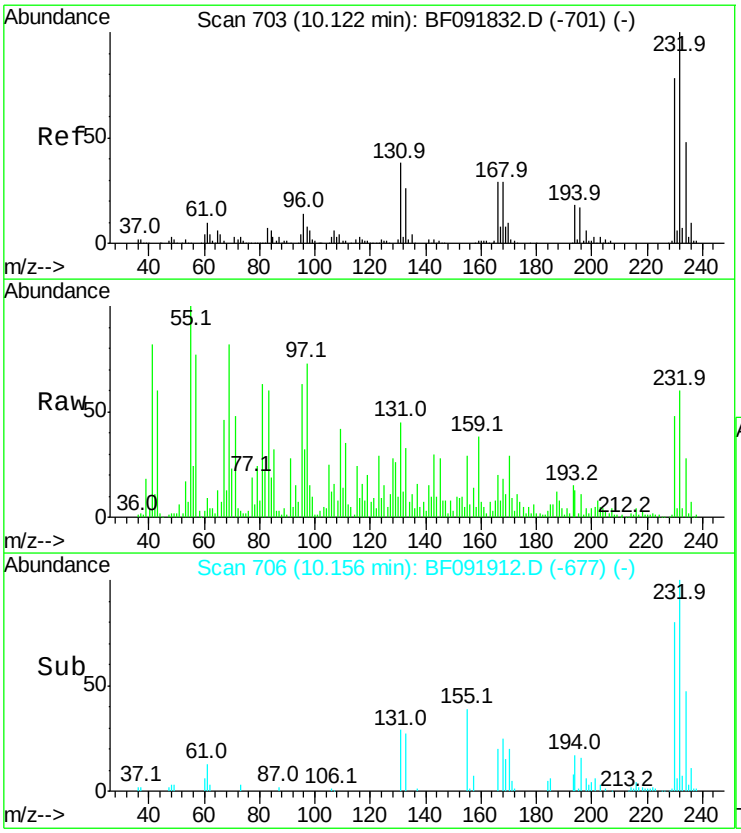
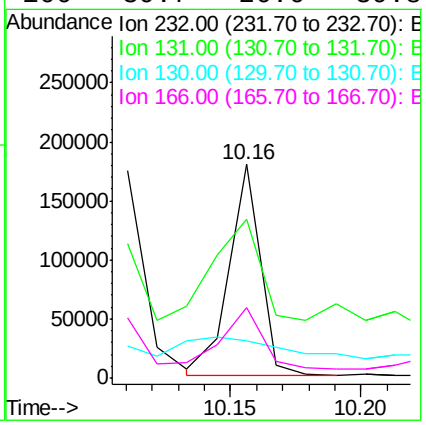
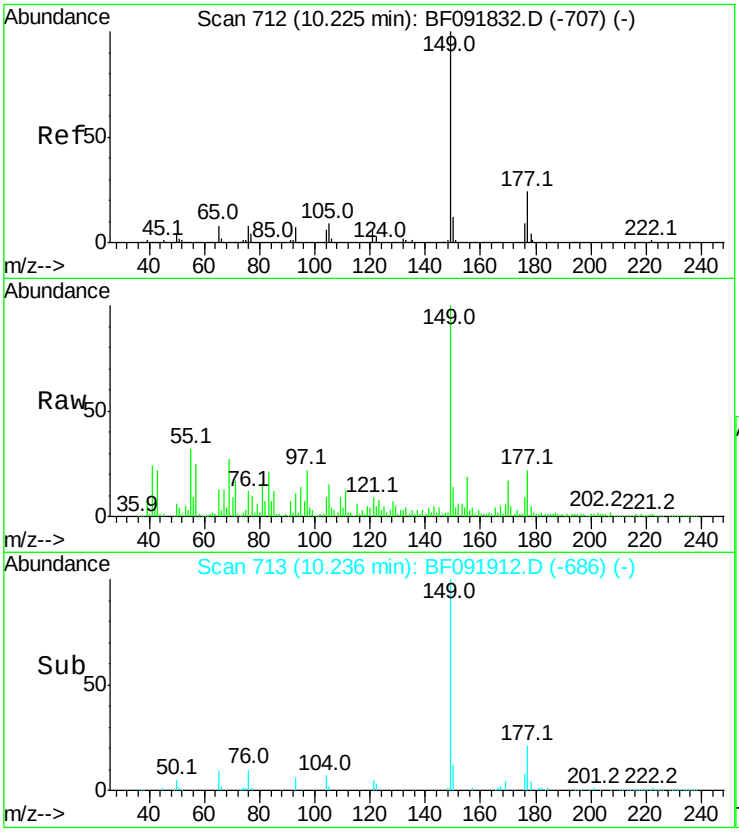


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.01 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.03 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:232 Resp: 150509

Ion	Ratio	Lower	Upper
232	100		
131	73.8	40.1	60.1#
130	40.4	1.8	2.8#
166	39.7	26.6	39.8

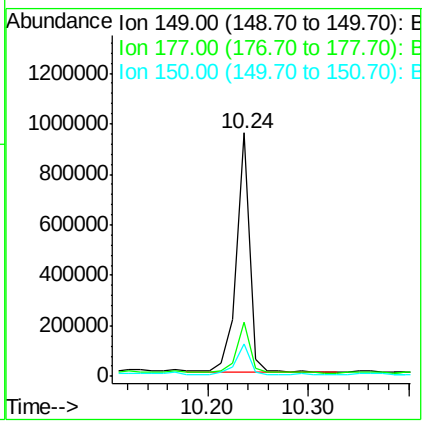




#59
Diethylphthalate
Concen: 59.92 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:149 Resp: 885125

Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	13.5	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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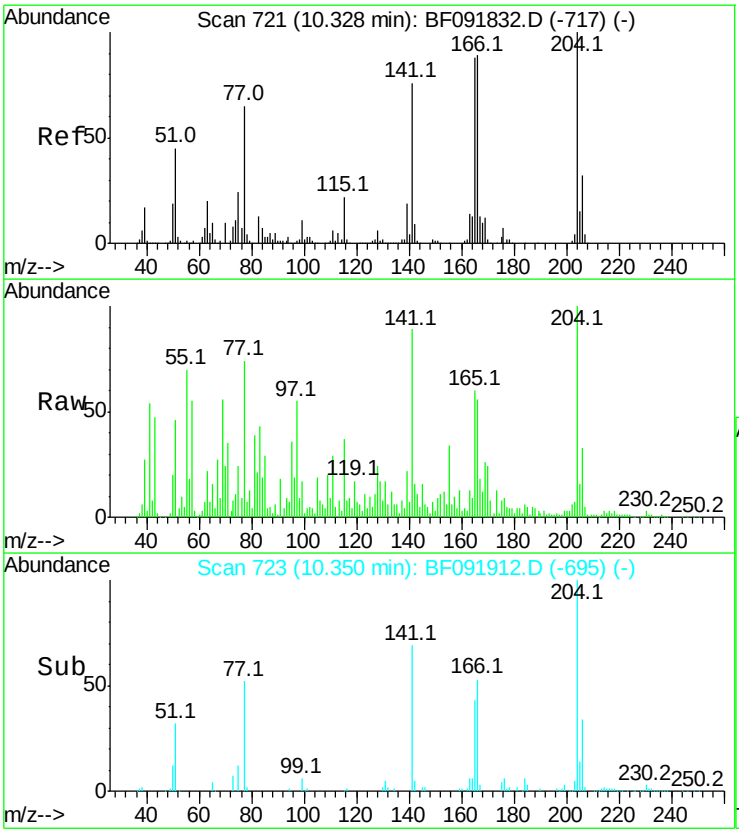
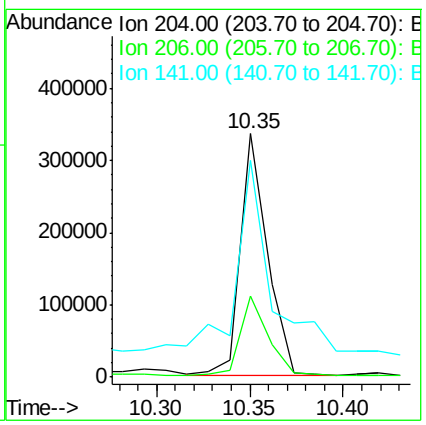
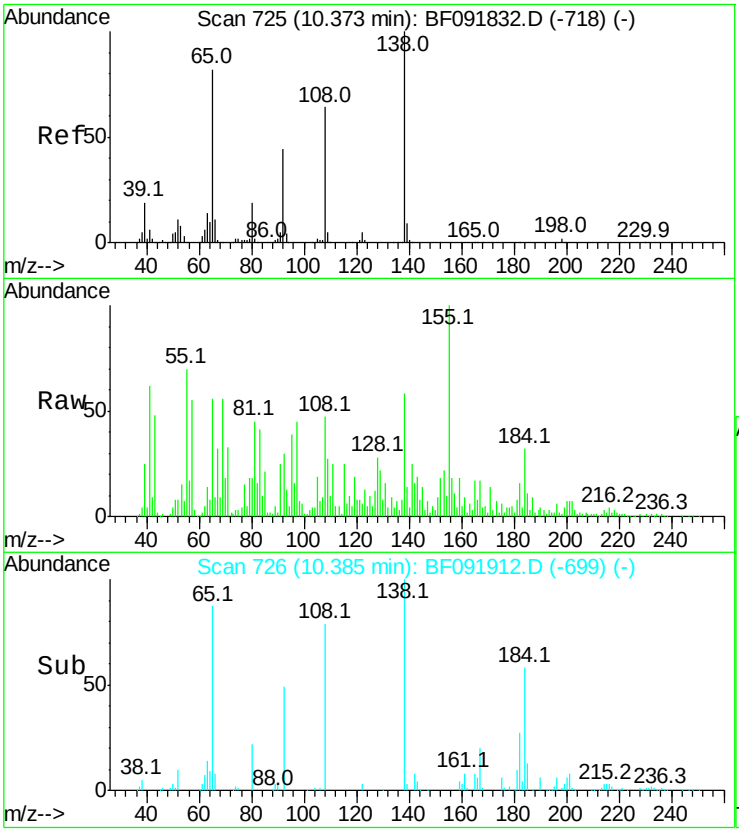


#60
4-Chlorophenyl-phenylether
Concen: 57.89 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:204 Resp: 334838

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	89.0	59.4	89.0

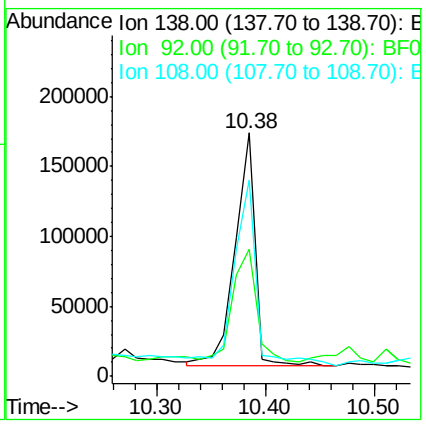




#61
4-Nitroaniline
Concen: 48.48 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:138 Resp: 206964

Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.7	71.7
108	80.5	52.6	92.6



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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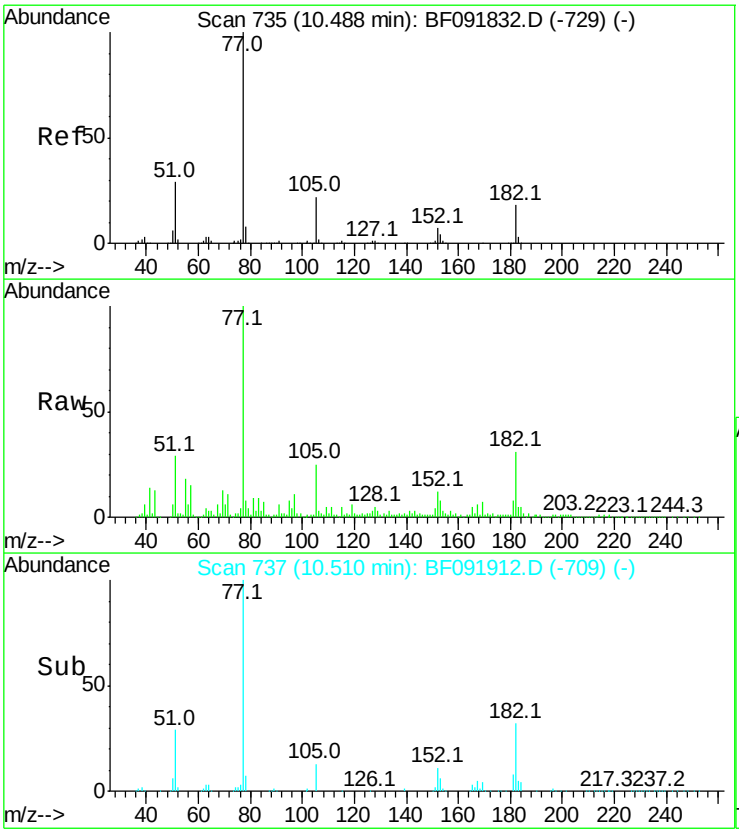
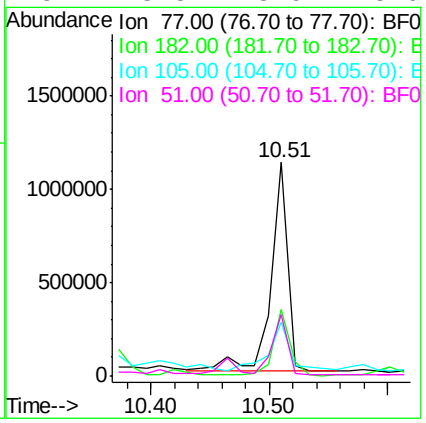
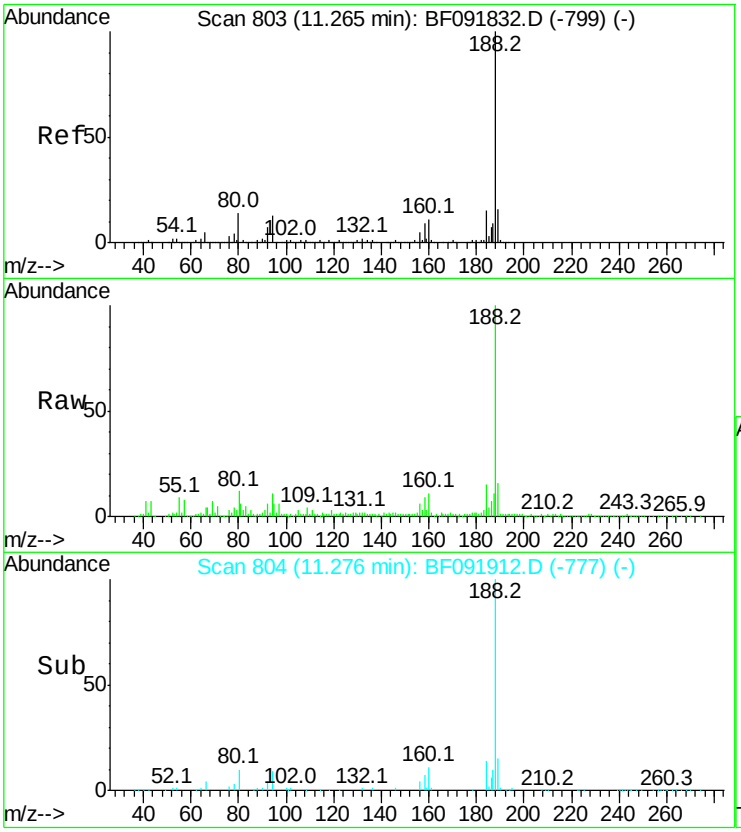


#62
Azobenzene
Concen: 66.91 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion: 77 Resp: 1088200

Ion	Ratio	Lower	Upper
77	100		
182	31.1	0.0	39.3
105	25.5	2.3	42.3
51	28.8	8.9	48.9

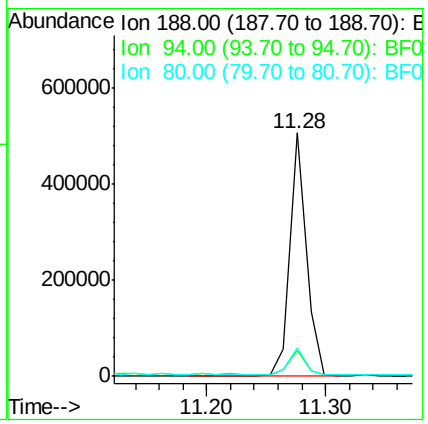




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:188 Resp: 479863

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	11.7	11.2	16.8



Instrument :
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ClientSampleId :
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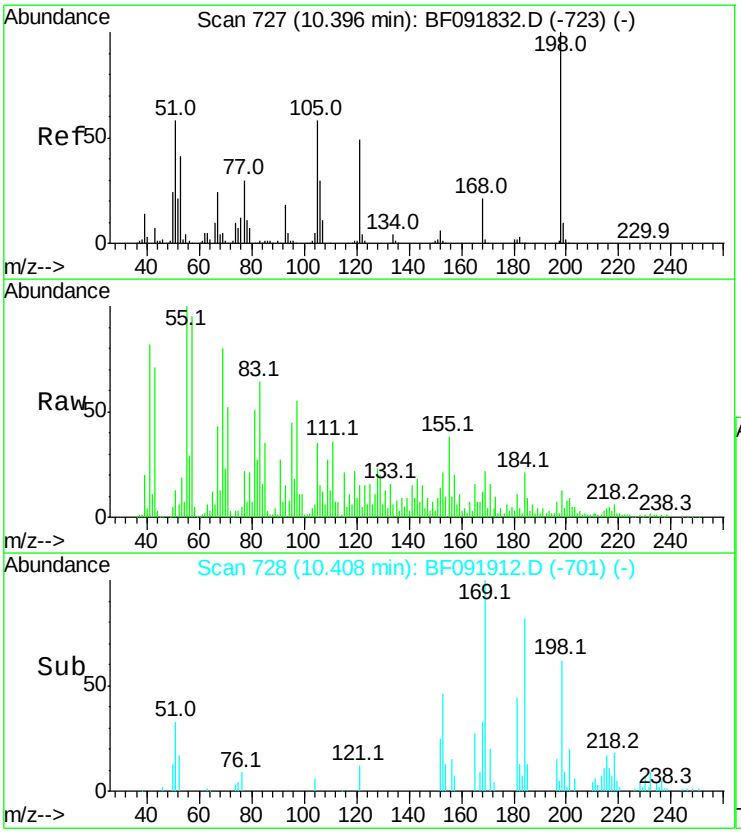
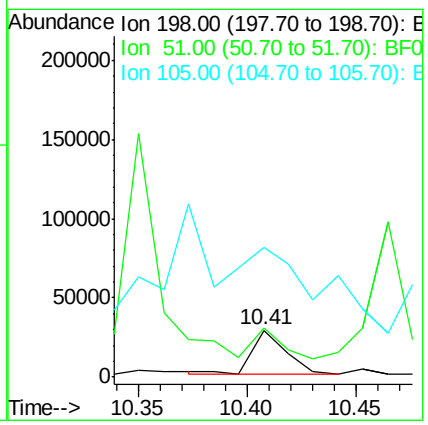
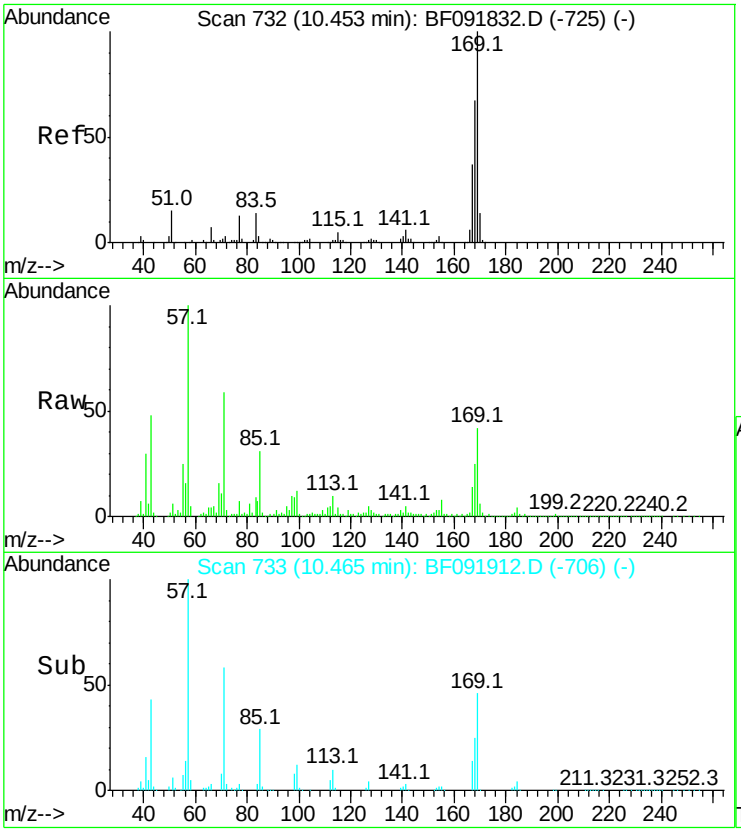


#64
4,6-Dinitro-2-methylphenol
Concen: 10.38 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:198 Resp: 30109

Ion	Ratio	Lower	Upper
198	100		
51	105.8	6.7	46.7#
105	275.8	16.6	56.6#

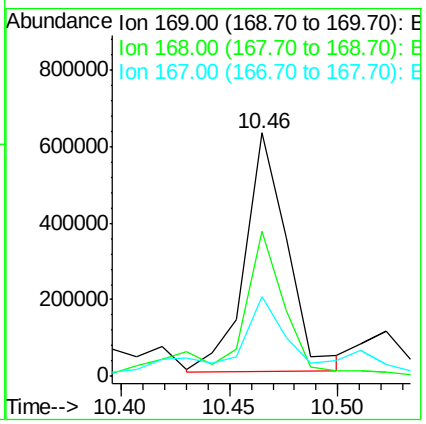




#65
n-Nitrosodiphenylamine
Concen: 59.58 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:169 Resp: 848410

Ion	Ratio	Lower	Upper
169	100		
168	59.5	54.2	81.2
167	32.9	30.2	45.4



Instrument :
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ClientSampleId :
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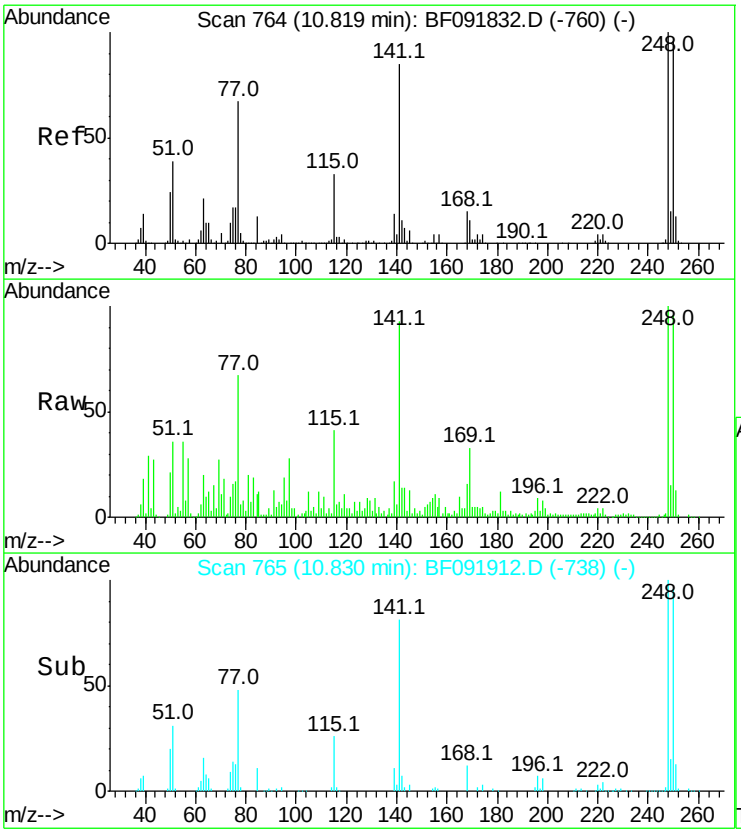
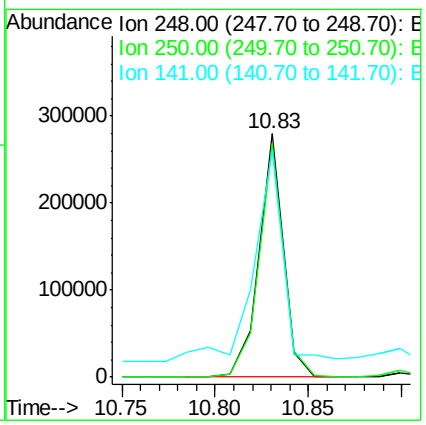
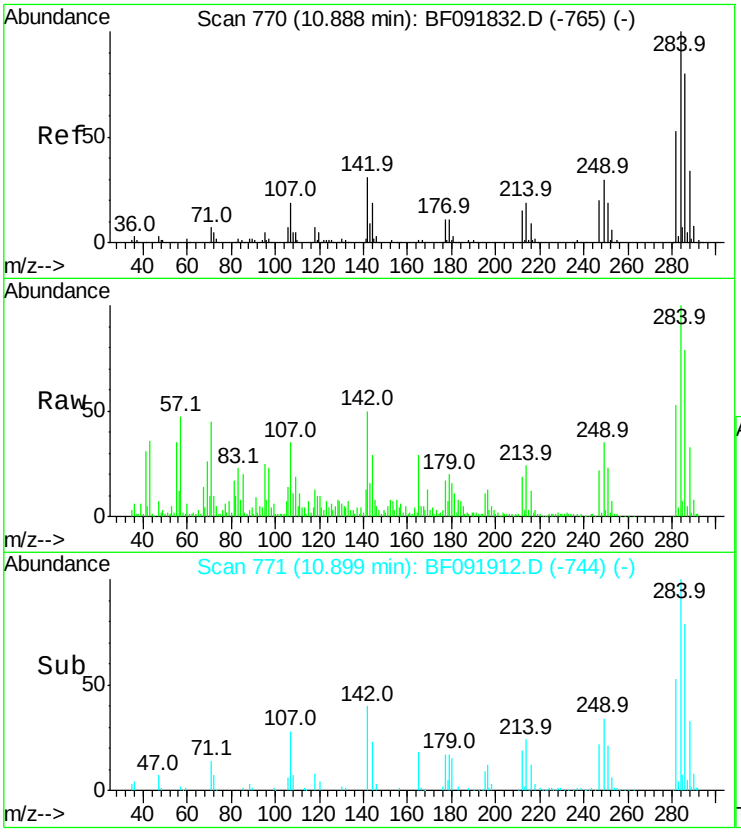


#66
4-Bromophenyl-phenylether
Concen: 49.89 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:248 Resp: 249044

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	93.4	68.2	102.4

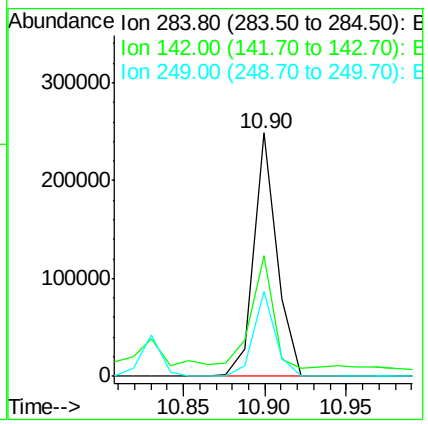




#67
Hexachlorobenzene
Concen: 46.06 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:284 Resp: 245744

Ion	Ratio	Lower	Upper
284	100		
142	49.5	22.6	33.8#
249	34.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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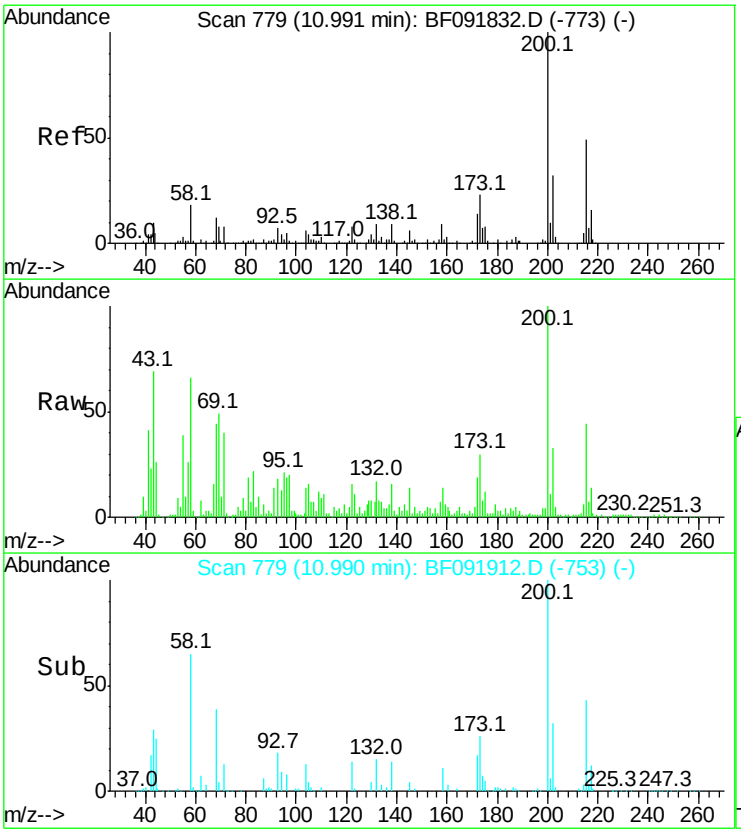
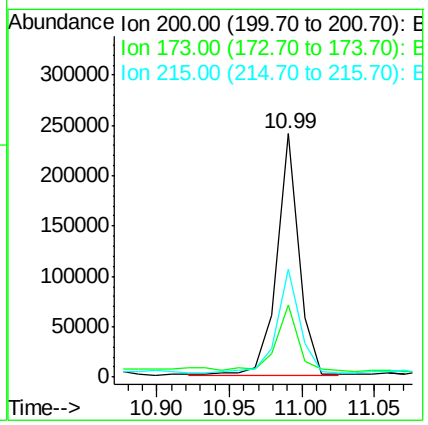
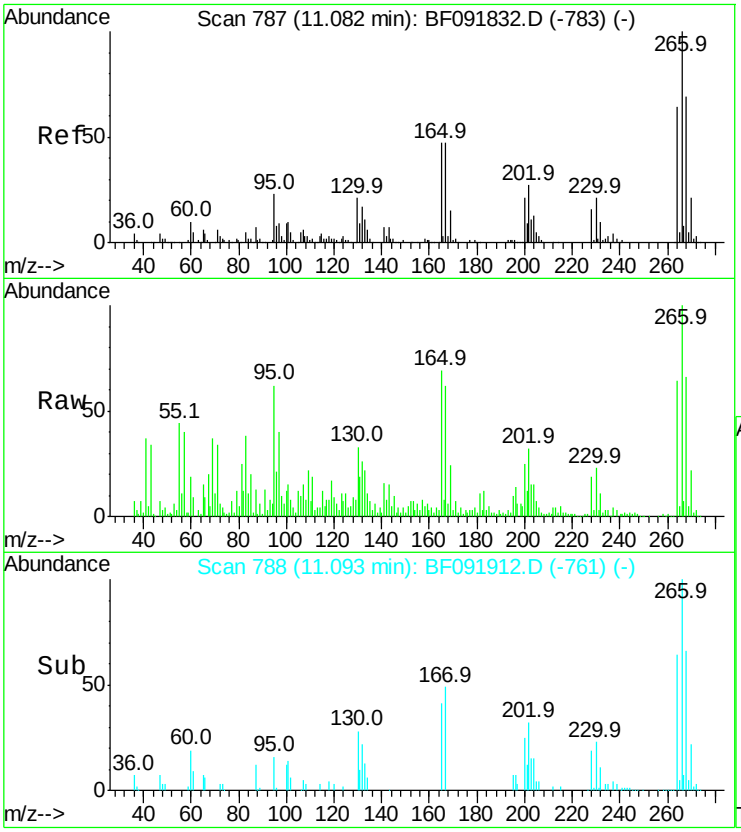


#68
Atrazine
Concen: 55.52 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:200 Resp: 255024

Ion	Ratio	Lower	Upper
200	100		
173	29.7	9.6	49.6
215	44.4	25.7	65.7

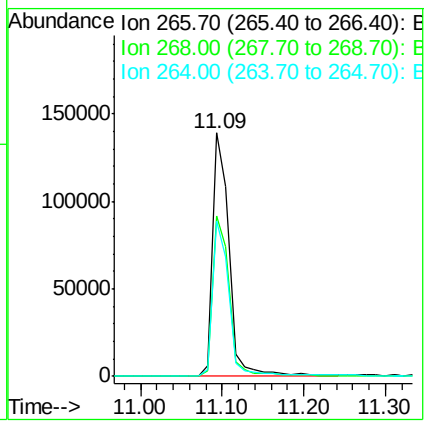




#69
Pentachlorophenol
Concen: 75.58 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:266 Resp: 197866

Ion	Ratio	Lower	Upper
266	100		
268	66.0	53.3	79.9
264	64.0	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
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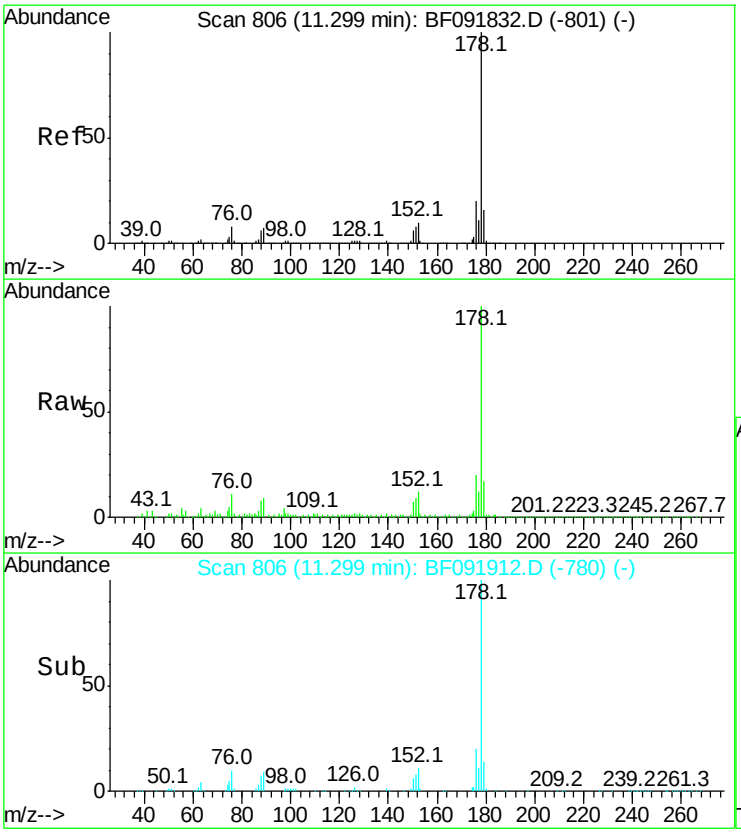
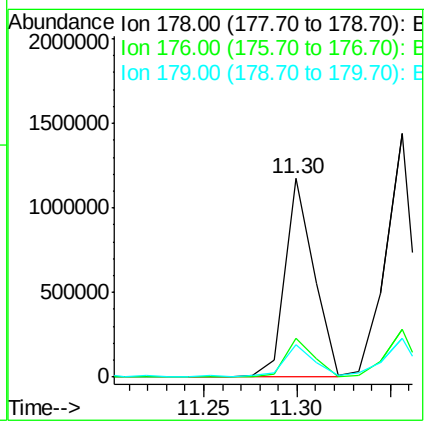
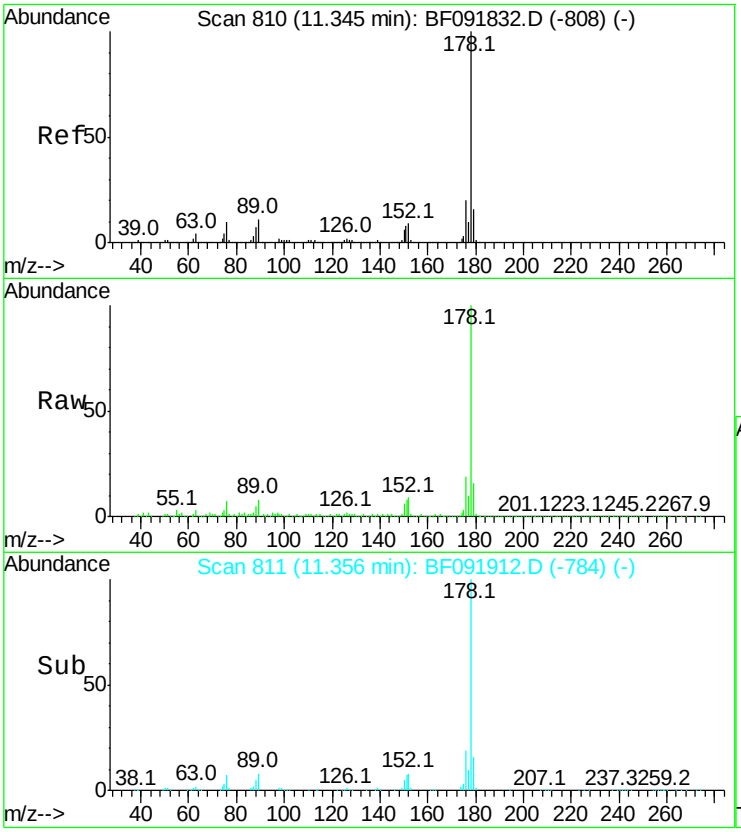


#70
Phenanthrene
Concen: 48.57 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:178 Resp: 1263757

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.6	12.8	19.2

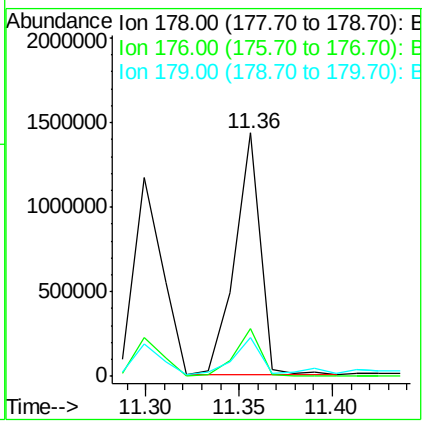




#71
Anthracene
Concen: 82.15 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:178 Resp: 1369066

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.2	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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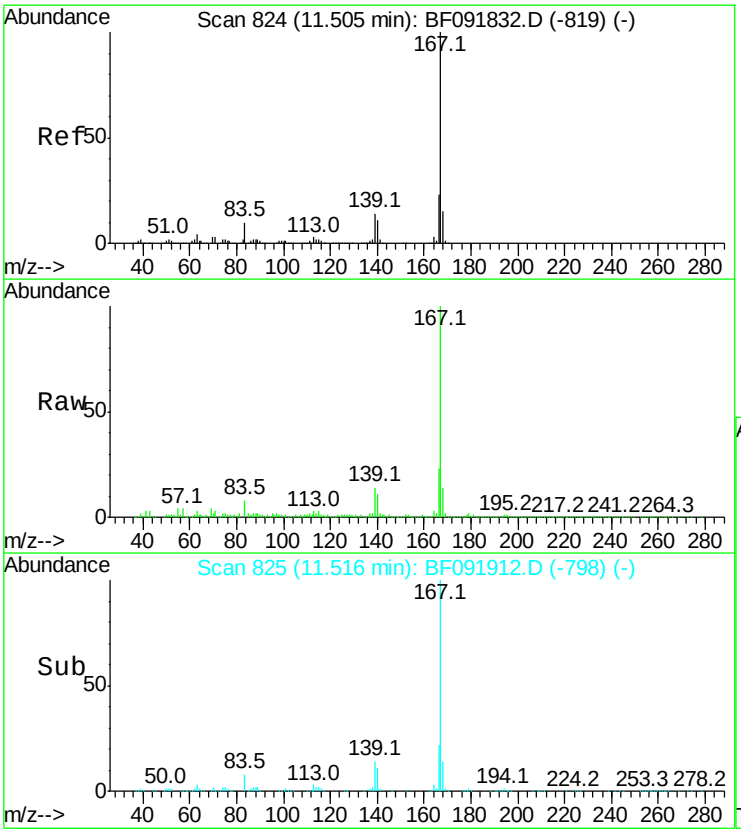
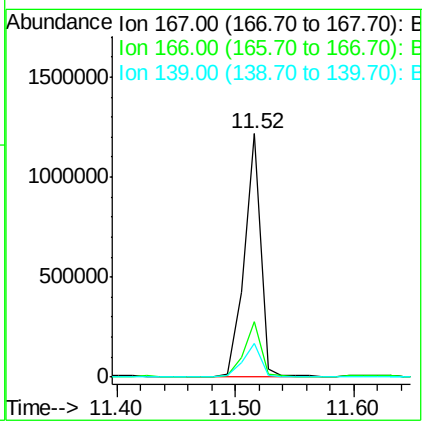
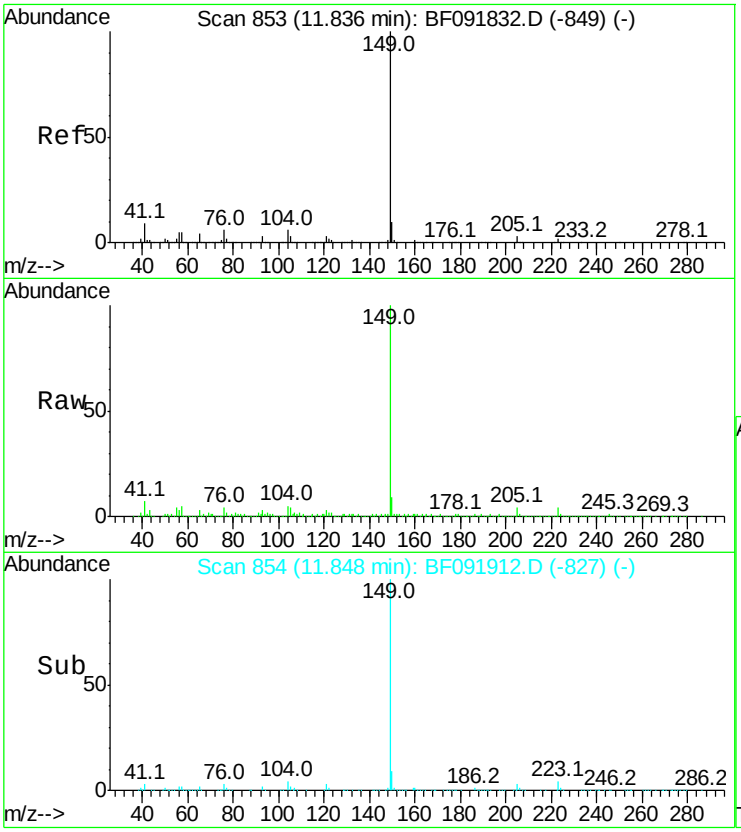


#72
Carbazole
Concen: 48.47 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:167 Resp: 1168555

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	14.0	11.4	17.2

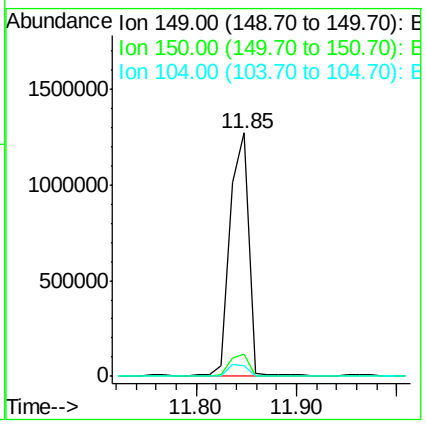




#73
Di-n-butylphthalate
Concen: 67.46 ng
RT: 11.85 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:149 Resp: 1612686

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.5	4.6	7.0#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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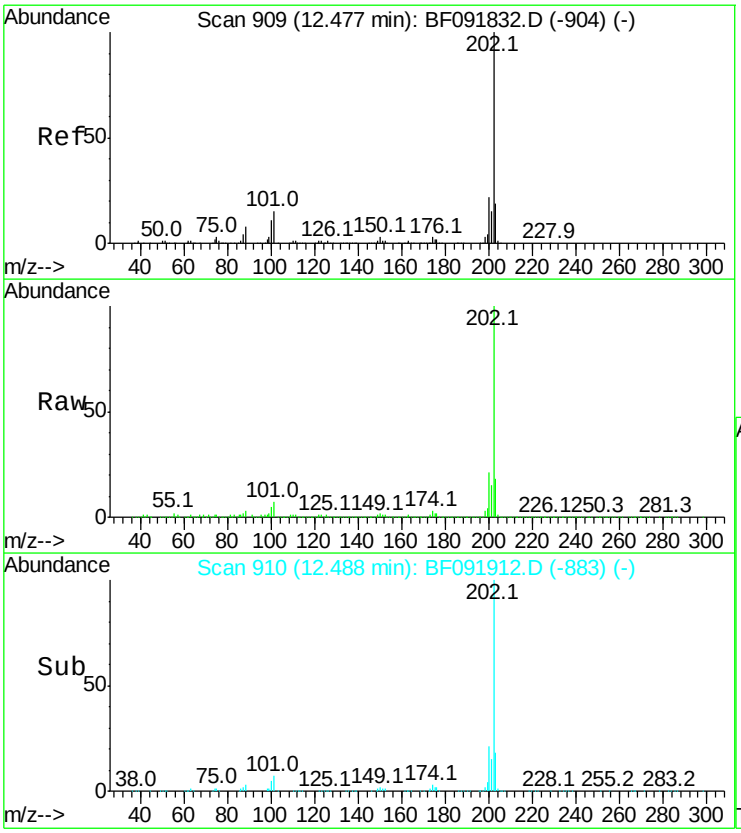
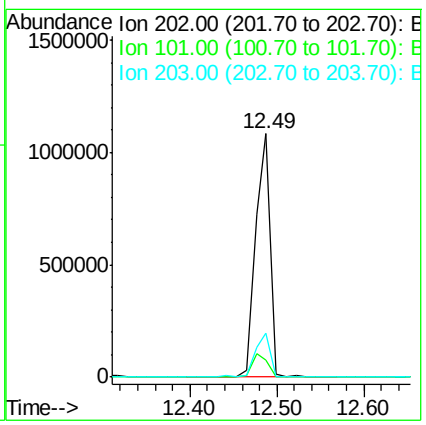
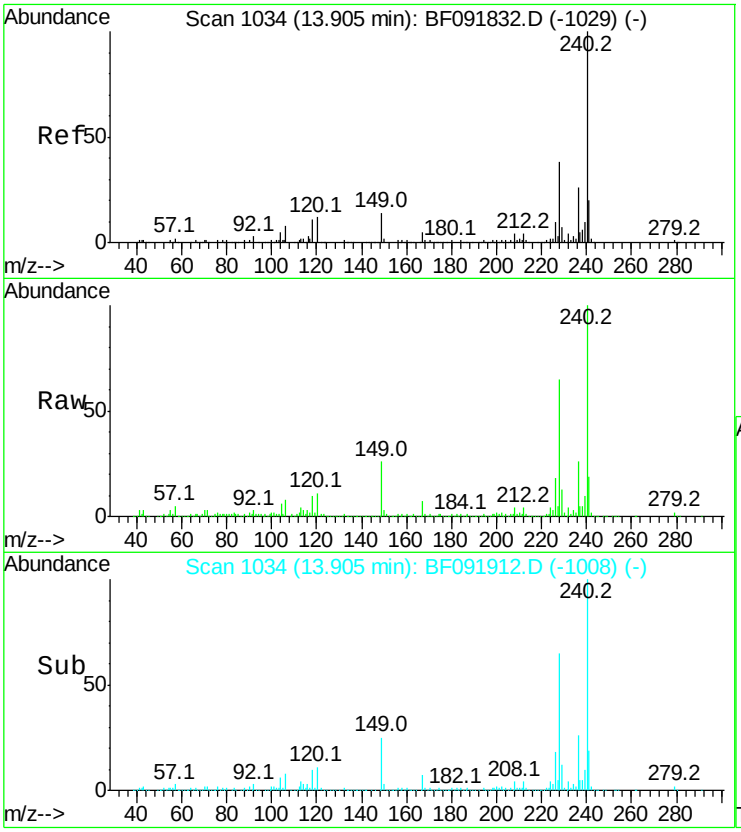


#74
Fluoranthene
Concen: 57.06 ng
RT: 12.49 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:202 Resp: 1279088

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	34.6
203	17.8	0.0	38.7

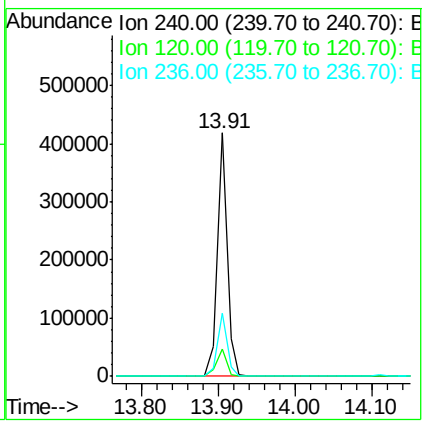




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:240 Resp: 374220

Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.8	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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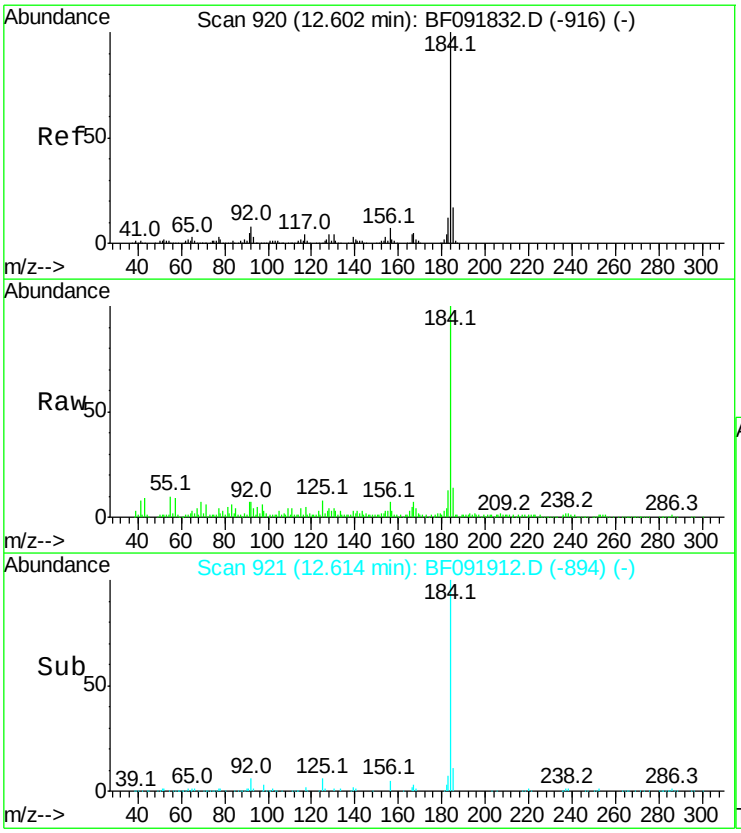
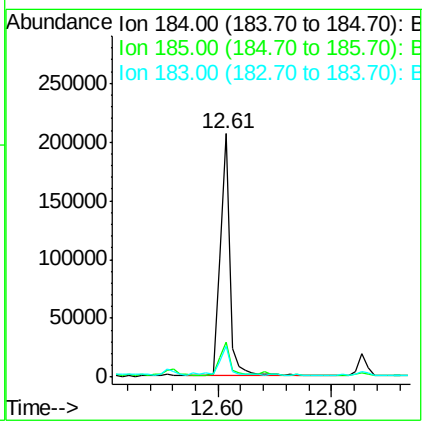
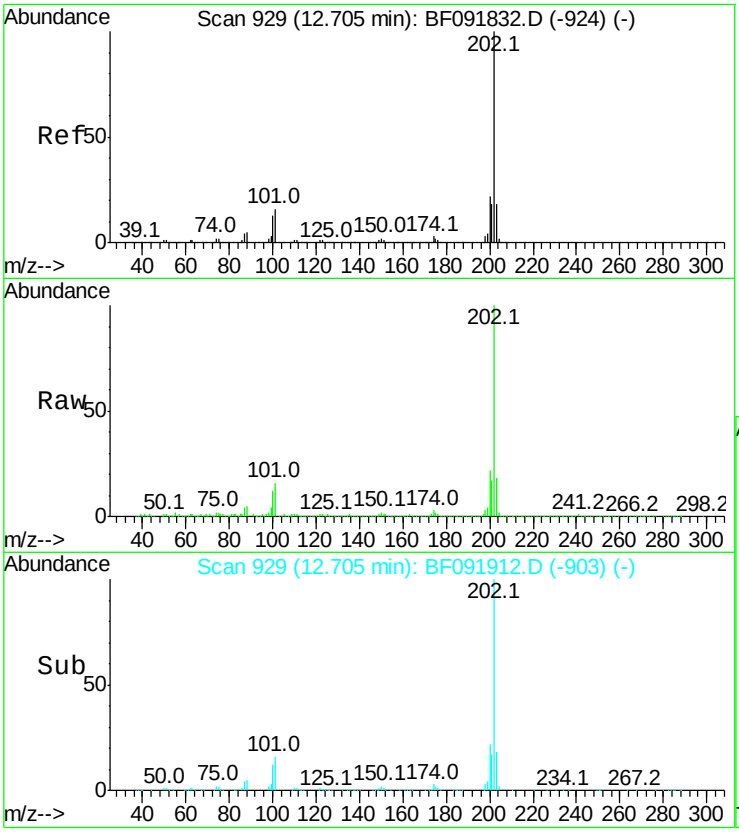


#76
Benzidine
Concen: 22.60 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:184 Resp: 246720

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	12.6	9.2	13.8

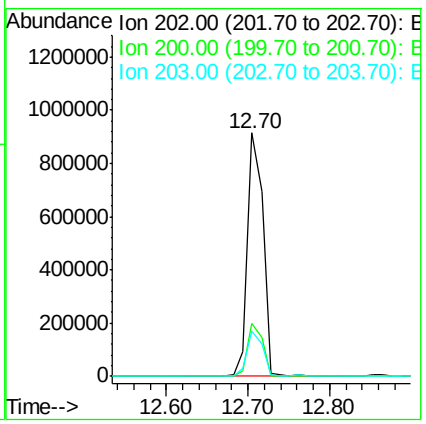




#77
Pyrene
Concen: 43.25 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:202 Resp: 1187421

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.4	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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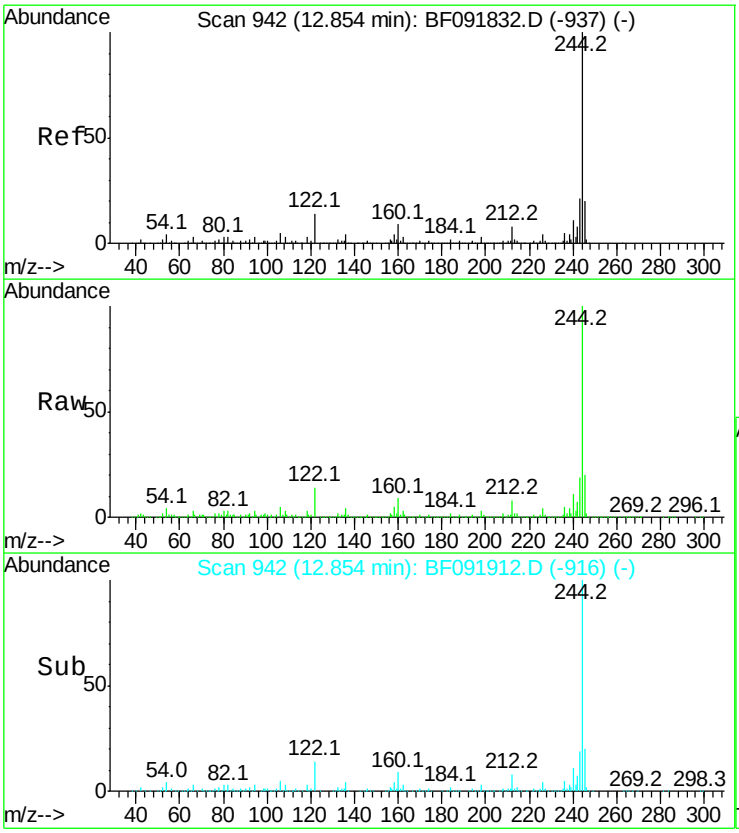
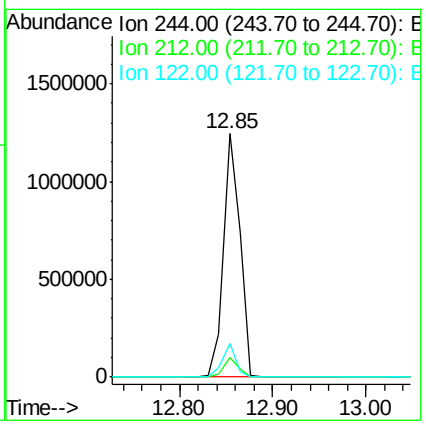
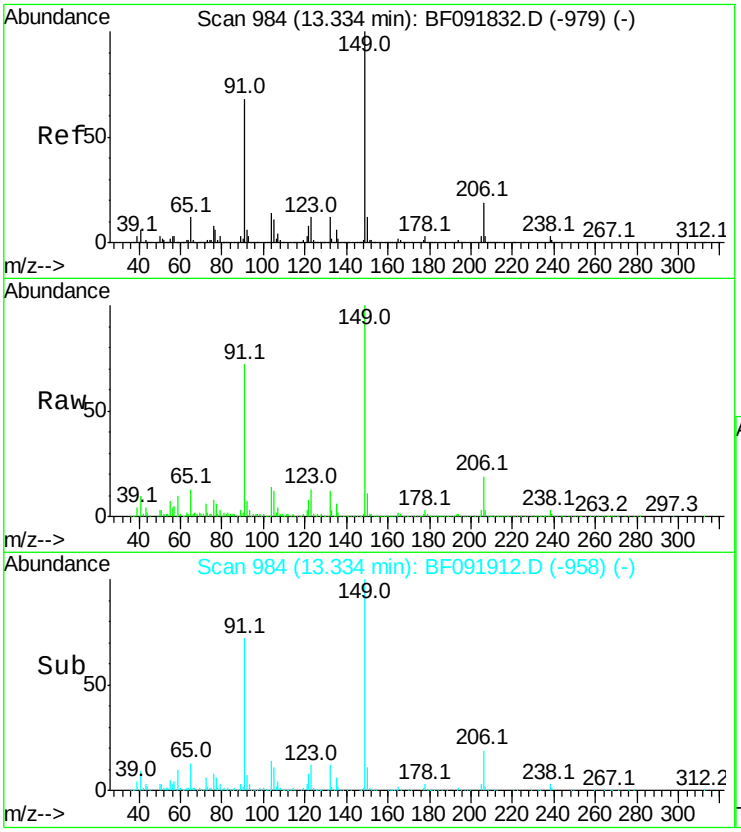


#78
Terphenyl-d14
Concen: 99.20 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:244 Resp: 1530644

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.8	11.4	17.2

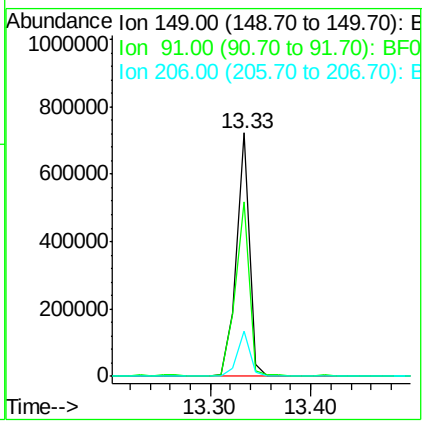




#79
Butylbenzylphthalate
Concen: 52.13 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:149 Resp: 650963

Ion	Ratio	Lower	Upper
149	100		
91	71.9	63.9	95.9
206	18.8	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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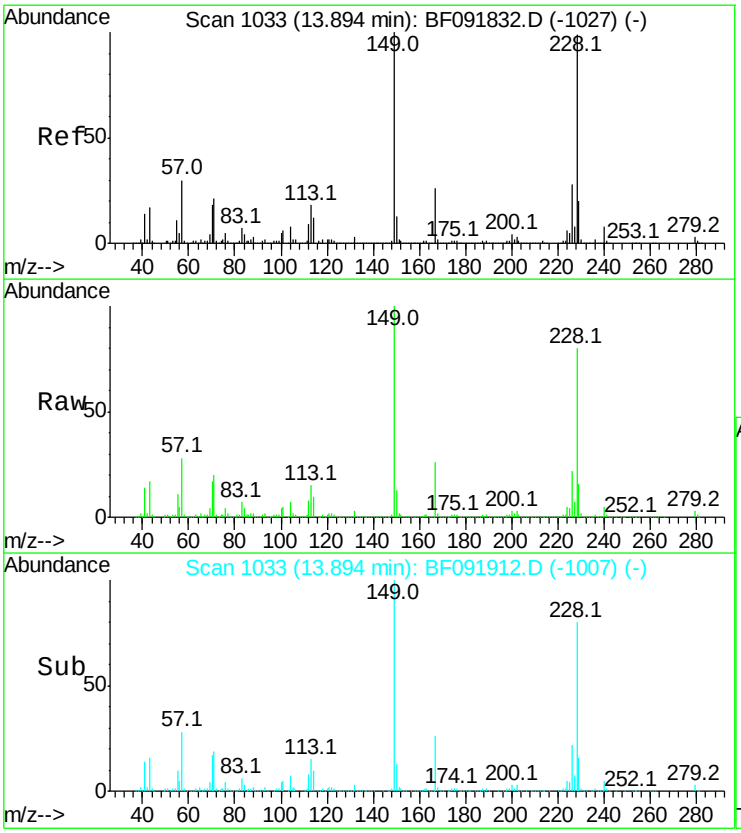
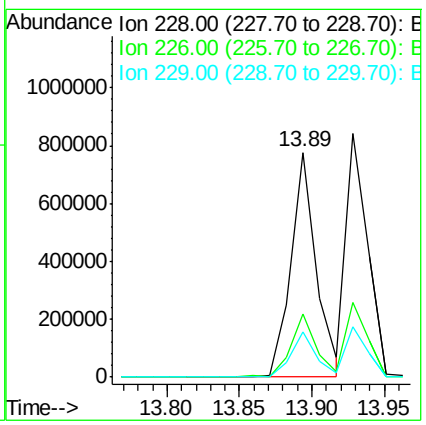
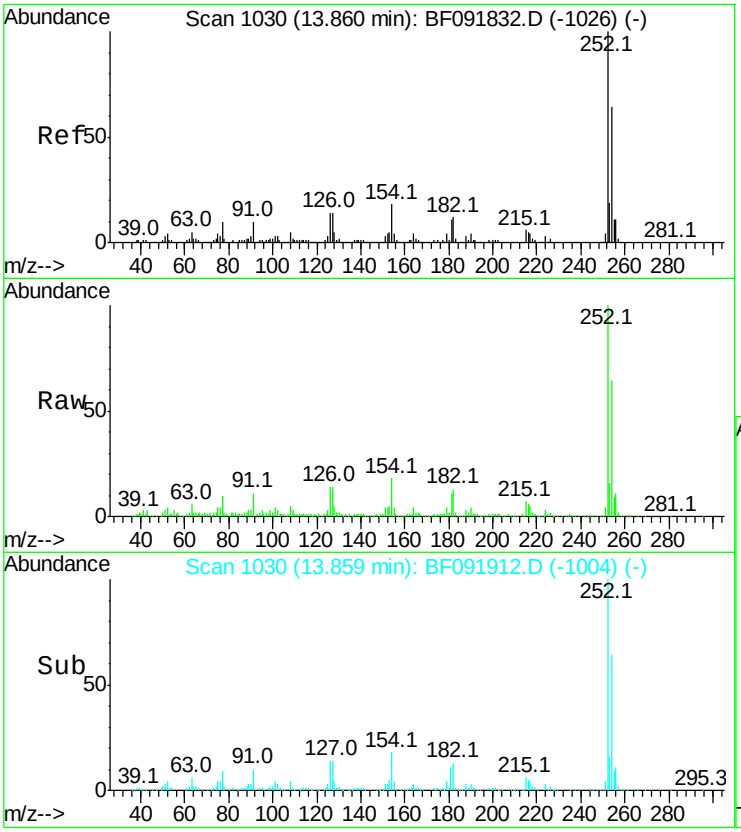


#80
Benzo(a)anthracene
Concen: 44.54 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:228 Resp: 940788

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.0	16.2	24.4

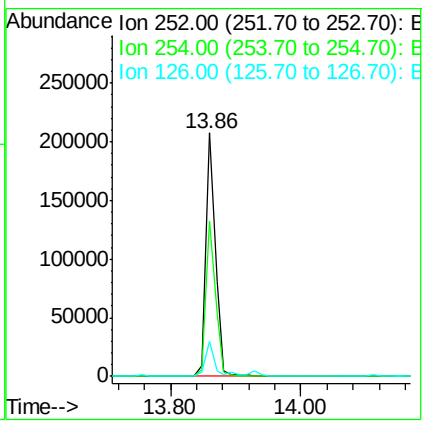




#81
3,3'-Dichlorobenzidine
Concen: 26.77 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:252 Resp: 214448

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	14.3	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
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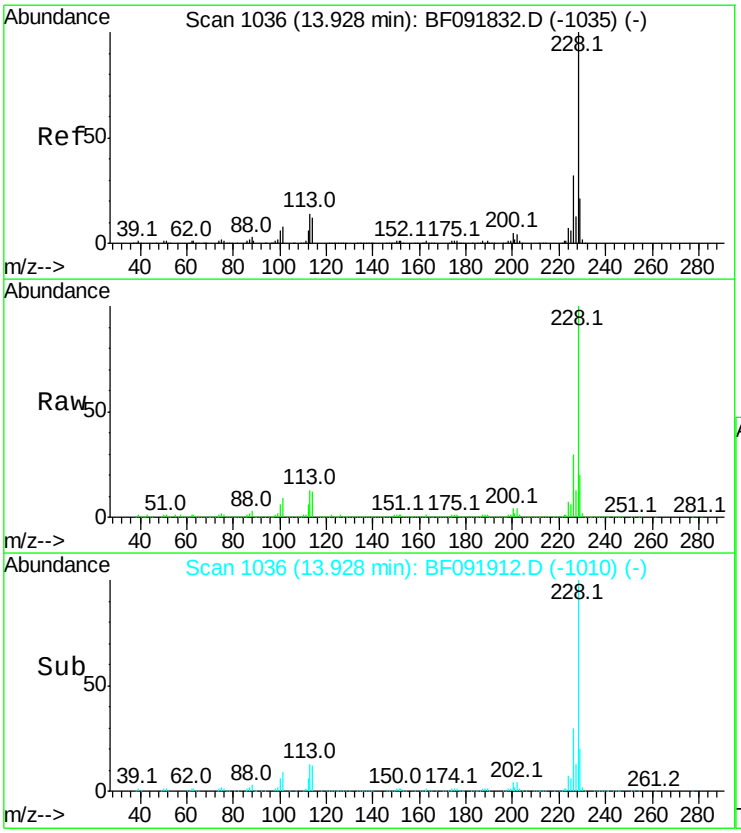
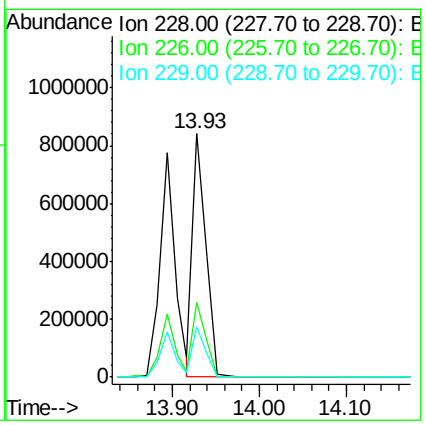
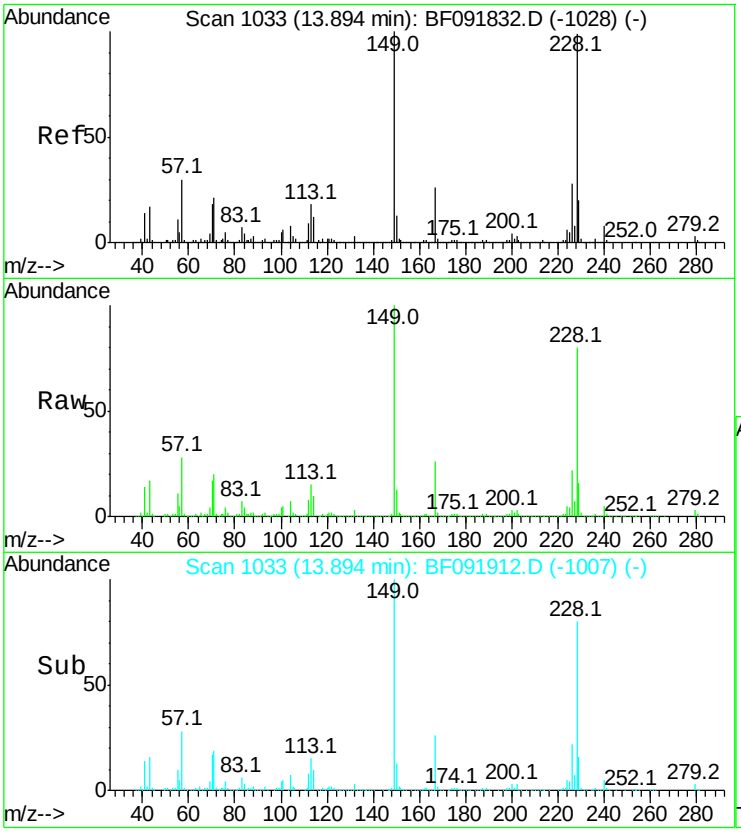


#82
Chrysene
Concen: 41.61 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:228 Resp: 881645

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.4	16.2	24.2





#83
Bis(2-ethylhexyl)phthalate
Concen: 59.40 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:149 Resp: 873608

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	2.8	1.8	2.8#

Instrument :
BNA_F
ClientSampleId :
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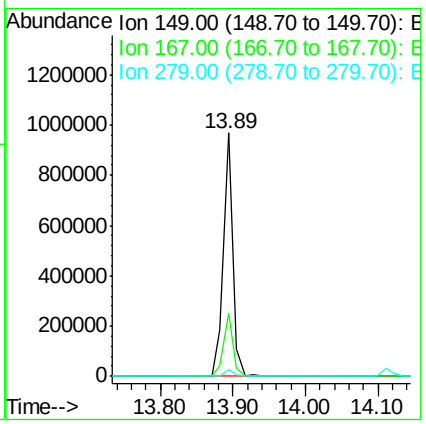
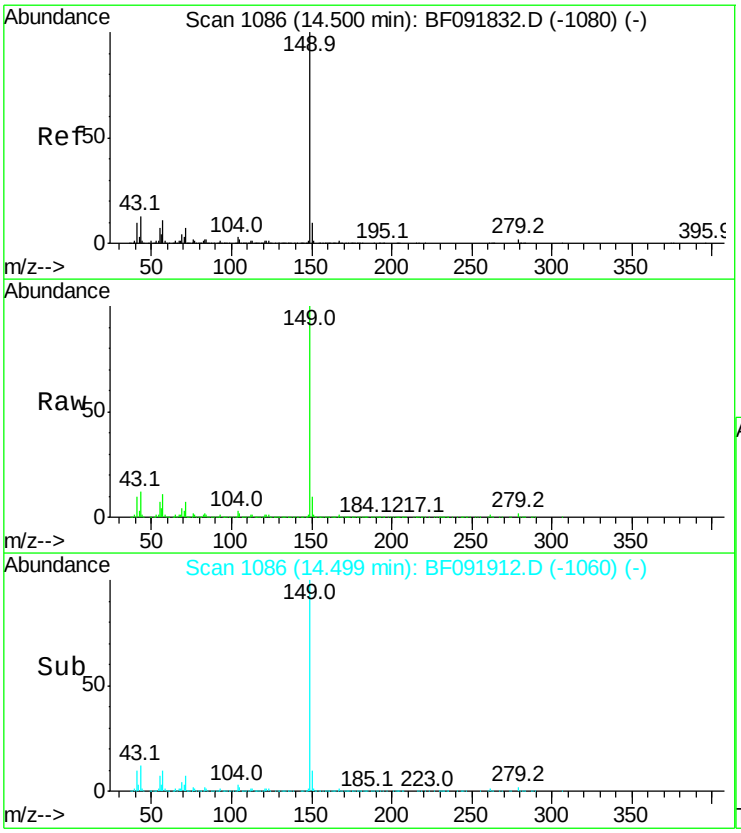
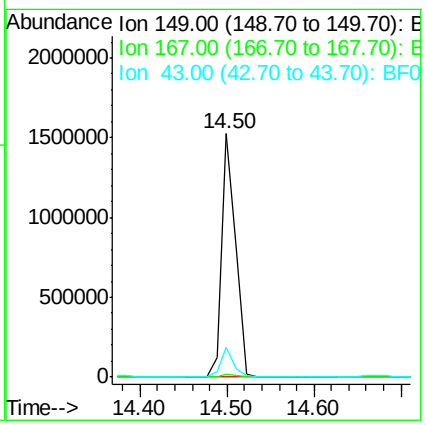


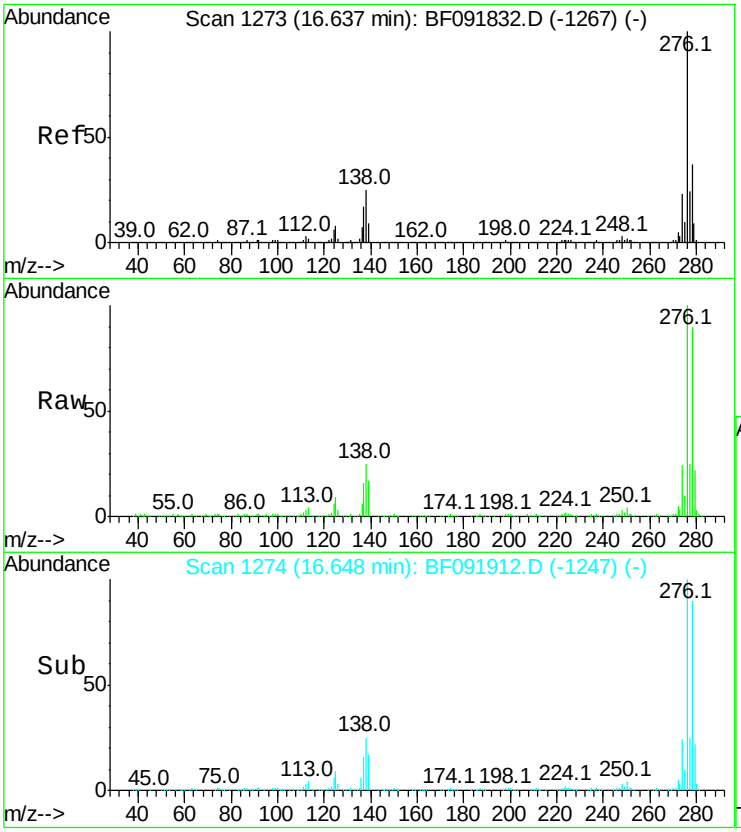


#84
Di-n-octyl phthalate
Concen: 62.22 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:149 Resp: 1694981

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	8.9	13.3

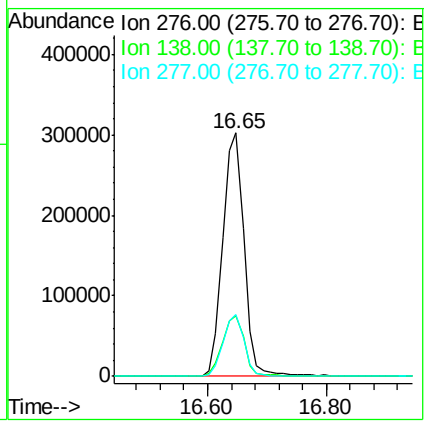




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.21 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:276 Resp: 756494

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.6
277	25.3	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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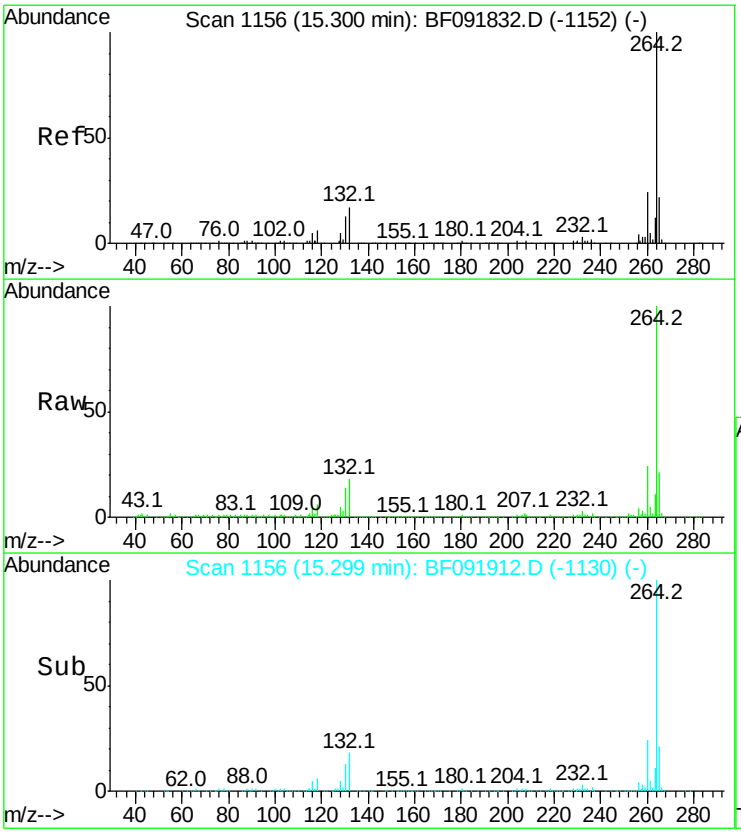
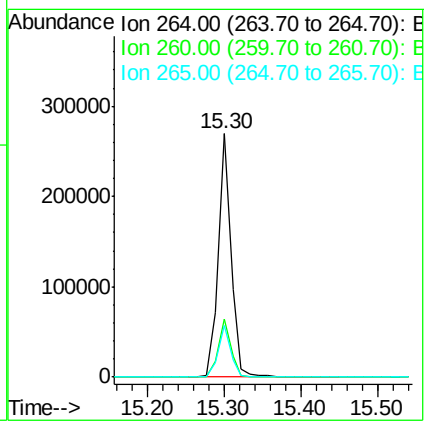
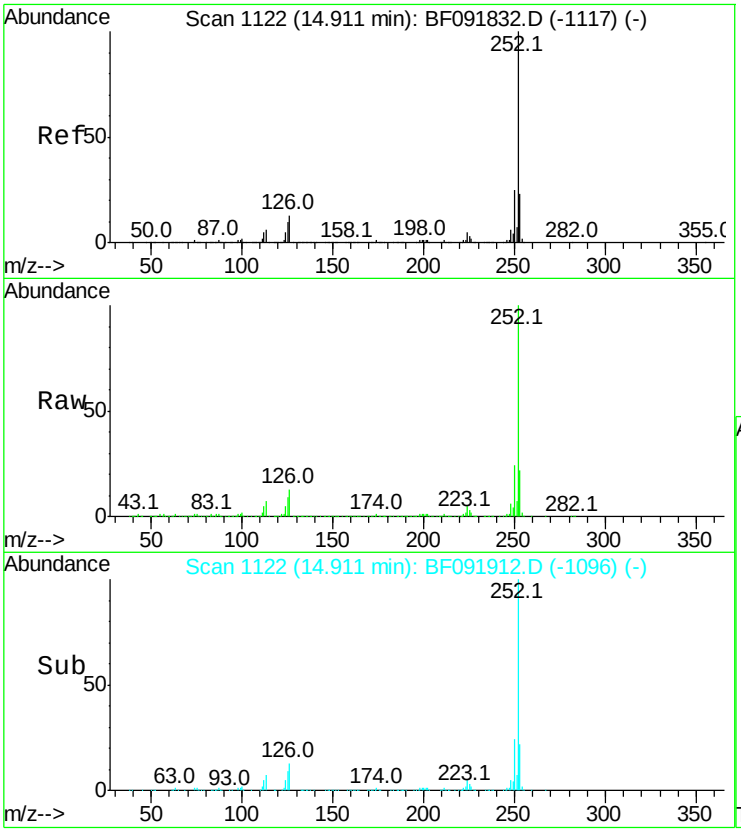


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:264 Resp: 313555

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.4	26.0





#87
Benzo(b)fluoranthene
Concen: 48.21 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:252 Resp: 941070

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	9.5	9.8	14.6#

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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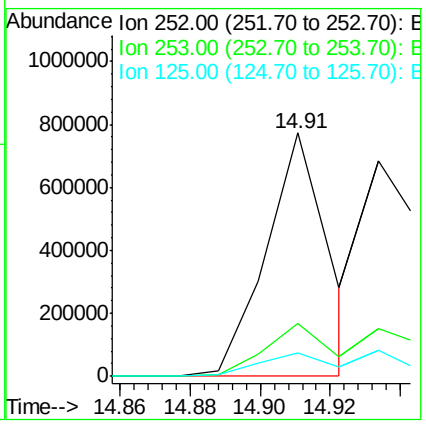
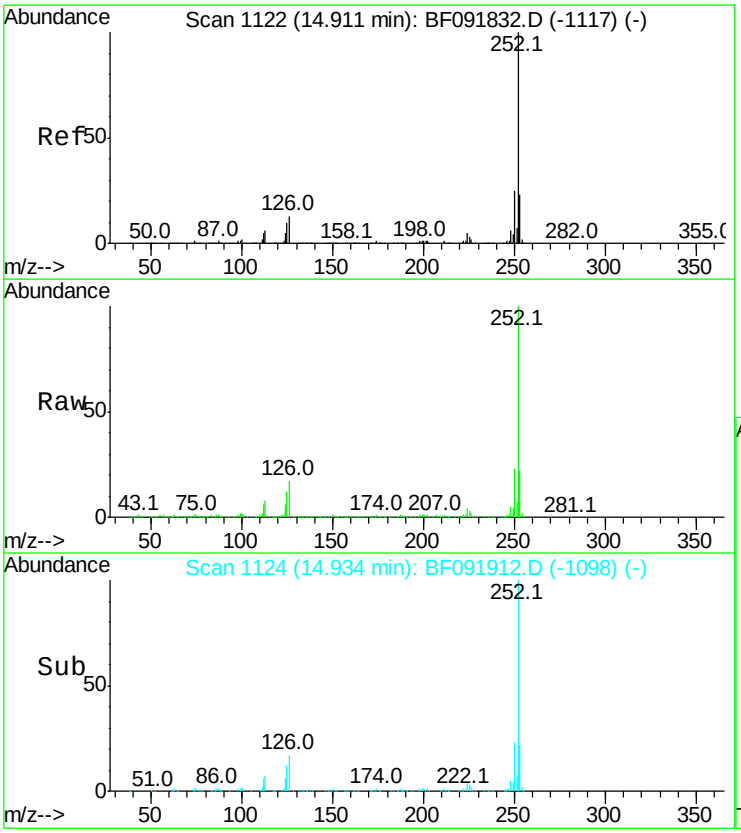
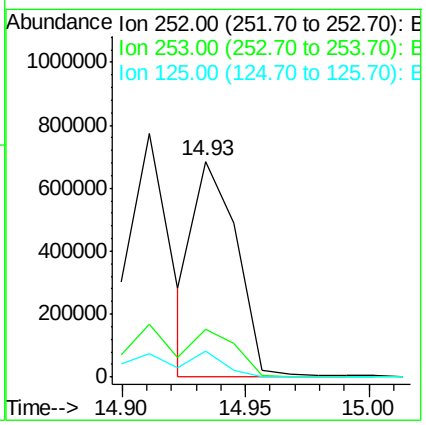


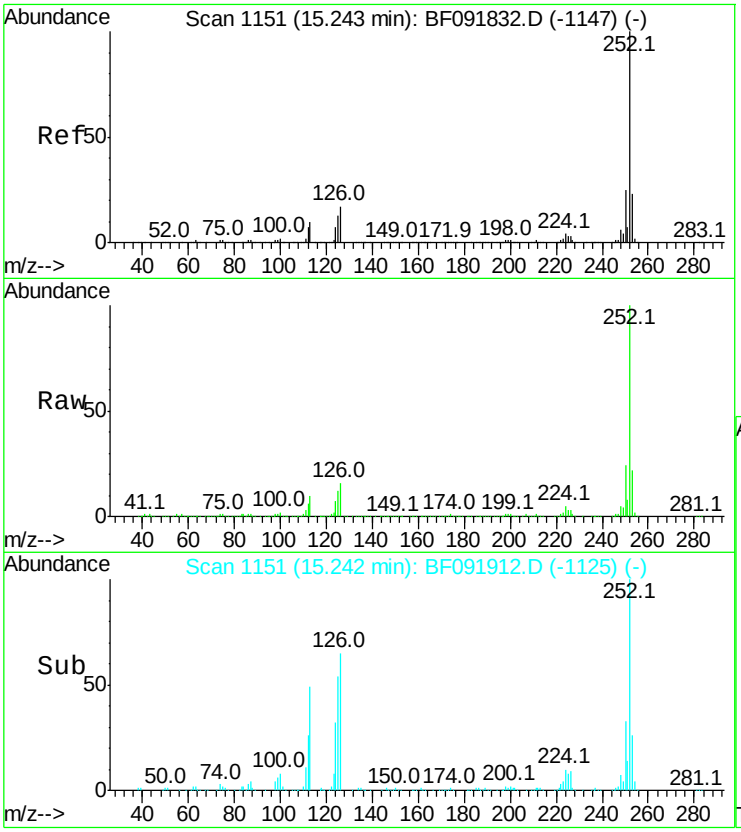


#88
Benzo(k)fluoranthene
Concen: 50.13 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:252 Resp: 834557

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	12.0	8.9	13.3

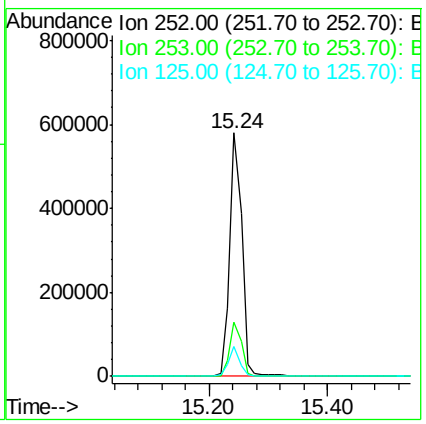




#89
Benzo(a)pyrene
Concen: 47.09 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:252 Resp: 815890

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

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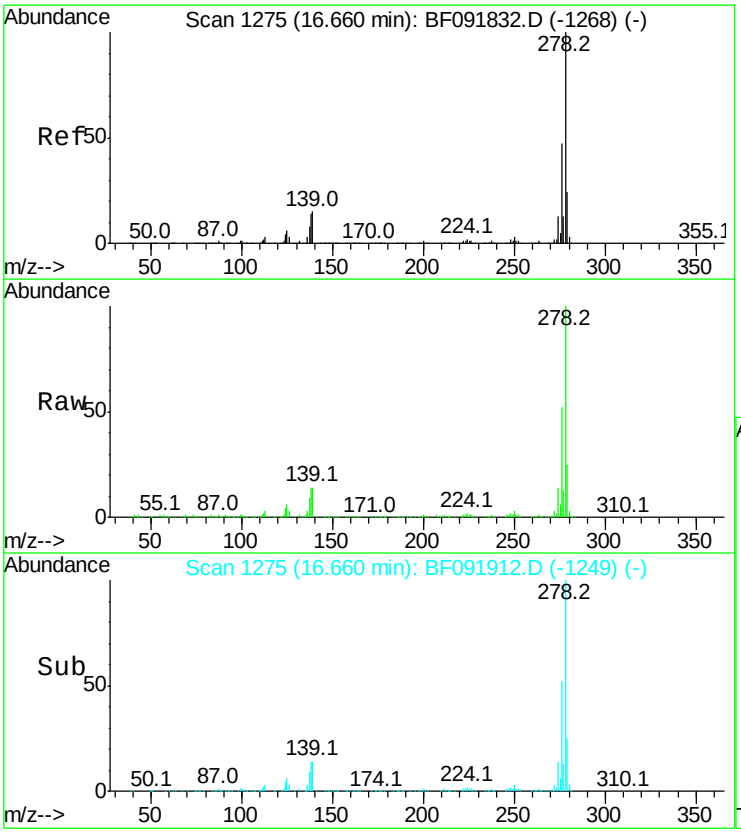
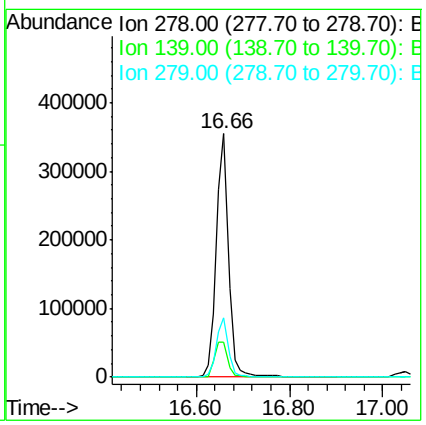
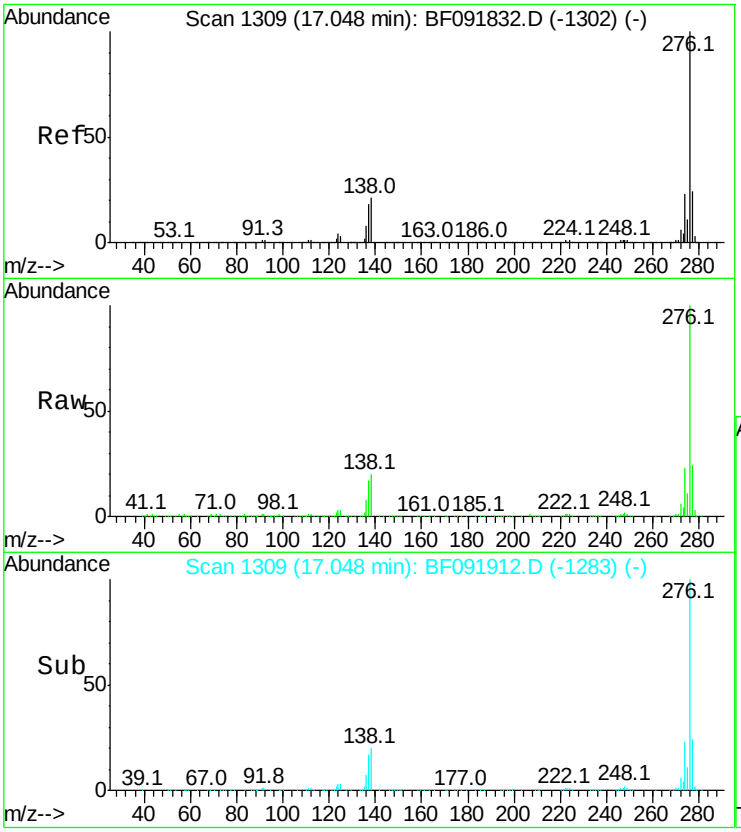


#90
Dibenzo(a,h)anthracene
Concen: 45.18 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:278 Resp: 643409

Ion	Ratio	Lower	Upper
278	100		
139	14.4	14.8	22.2#
279	24.5	19.8	29.6

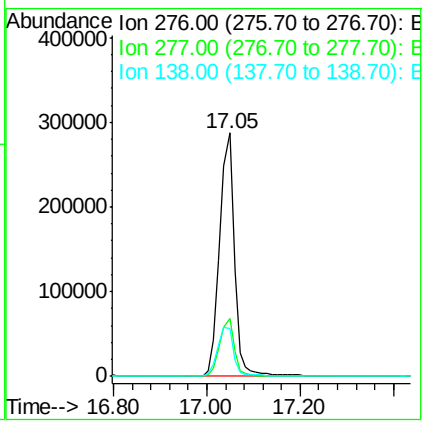




#91
Benzo(g,h,i)perylene
Concen: 42.12 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF091912.D
Acq: 23 Dec 2016 8:17

Tgt Ion:276 Resp: 623791

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	19.7	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
UMANGI
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