Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082163.D
Acq On : 10 Oct 2015 00:18
Operator : UM/IZ
Sample : G3928-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM

Quant Time: Oct 10 05:21:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91252	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	342289	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	153219	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	241978	20.00	ng		0.00
75) Chrysene-d12	14.02	240	196298	20.00	ng		-0.01
86) Perylene-d12	15.46	264	139151	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	490043	97.49	ng		0.01
7) Phenol-d6	6.49	99	609163	96.31	ng		0.00
23) Nitrobenzene-d5	7.42	82	330426	64.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	122310	78.82	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	720814	77.36	ng		0.00
78) Terphenyl-d14	12.97	244	536251	89.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	66228	30.30	ng		88
3) Pyridine	3.25	79	188436	33.11	ng		85
4) n-Nitrosodimethylamine	3.20	42	78664	30.43	ng		99
6) Aniline	6.51	93	192654	22.67	ng	#	67
8) 2-Chlorophenol	6.64	128	201442	36.29	ng		99
9) Benzaldehyde	6.40	77	35601	8.59	ng	#	89
10) Phenol	6.50	94	223484	31.50	ng	#	54
11) bis(2-Chloroethyl)ether	6.59	93	215780	39.21	ng		92
12) 1,3-Dichlorobenzene	6.79	146	225288	34.36	ng	#	94
13) 1,4-Dichlorobenzene	6.87	146	232794	34.00	ng	#	94
14) 1,2-Dichlorobenzene	7.02	146	204748m	33.56	ng		
15) Benzyl Alcohol	6.99	79	140562	30.78	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.13	45	278413	35.79	ng		82
17) 2-Methylphenol	7.12	107	151201	33.60	ng	#	82
18) Hexachloroethane	7.36	117	60332	28.15	ng	#	83
19) n-Nitroso-di-n-propylamine	7.27	70	129604	33.71	ng	#	78
20) 3+4-Methylphenols	7.27	107	190996	33.60	ng	#	60
22) Acetophenone	7.27	105	265434	37.93	ng	#	78
24) Nitrobenzene	7.44	77	199682	35.81	ng	#	69
25) Isophorone	7.68	82	374900	36.84	ng	#	92
26) 2-Nitrophenol	7.76	139	80468	30.07	ng	#	83
27) 2,4-Dimethylphenol	7.79	122	165007	35.05	ng	#	77
28) bis(2-Chloroethoxy)methane	7.90	93	229524	37.98	ng	#	95
29) 2,4-Dichlorophenol	8.00	162	174297	38.18	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	183199	35.94	ng		97
31) Naphthalene	8.16	128	564629	37.23	ng		97
32) Benzoic acid	7.86	122	3119m	8.28	ng		
33) 4-Chloroaniline	8.22	127	121736	18.56	ng	#	94
34) Hexachlorobutadiene	8.27	225	115975	38.47	ng		98
35) Caprolactam	8.58	113	45249	35.80	ng		91
36) 4-Chloro-3-methylphenol	8.70	107	157100	35.19	ng	#	75
37) 2-Methylnaphthalene	8.86	142	379434	36.65	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	173066	36.79	ng		98
40) Hexachlorocyclopentadiene	9.01	237	15751	6.50	ng		98

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Operator : UM/IZ
Sample : G3928-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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10/12/2015 2:46:30 PM

Quant Time: Oct 10 05:21:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	107189	33.24	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	113517	34.23	ng	#	93
45) 1,1'-Biphenyl	9.31	154	433088	36.64	ng		93
46) 2-Chloronaphthalene	9.35	162	342650	36.92	ng		98
47) 2-Nitroaniline	9.44	65	97657	35.84	ng	#	65
48) Acenaphthylene	9.76	152	532215	35.83	ng		97
49) Dimethylphthalate	9.62	163	563664	53.30	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	76946	33.51	ng		94
51) Acenaphthene	9.93	154	308544	34.98	ng		88
52) 3-Nitroaniline	9.86	138	81015	30.50	ng	#	91
54) Dibenzofuran	10.10	168	448658	35.99	ng	#	90
55) 4-Nitrophenol	10.02	139	88881	46.31	ng	#	52
56) 2,4-Dinitrotoluene	10.09	165	94251	32.20	ng	#	93
57) Fluorene	10.45	166	347744	38.70	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	84625	32.17	ng		92
59) Diethylphthalate	10.32	149	397688	40.26	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	158762	34.78	ng	#	83
61) 4-Nitroaniline	10.47	138	80637	30.27	ng	#	44
62) Azobenzene	10.59	77	333707	34.61	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	3088	4.55	ng		97
65) n-Nitrosodiphenylamine	10.56	169	307519	42.00	ng		92
66) 4-Bromophenyl-phenylether	10.93	248	93907	38.49	ng		96
67) Hexachlorobenzene	10.99	284	97664	35.47	ng	#	80
68) Atrazine	11.09	200	87402	38.48	ng		83
69) Pentachlorophenol	11.19	266	88207	56.22	ng		99
70) Phenanthrene	11.41	178	439399	37.45	ng		97
71) Anthracene	11.46	178	467106	37.98	ng		98
72) Carbazole	11.62	167	394680	35.46	ng		97
73) Di-n-butylphthalate	11.94	149	525944	46.43	ng	#	98
74) Fluoranthene	12.60	202	449506	34.68	ng		90
76) Benzidine	12.73	184	264447	44.71	ng		97
77) Pyrene	12.82	202	435025	37.10	ng		96
79) Butylbenzylphthalate	13.44	149	199973	45.32	ng		88
80) Benzo(a)anthracene	14.01	228	368219	34.83	ng		96
81) 3,3'-Dichlorobenzidine	13.98	252	133226	37.32	ng	#	94
82) Chrysene	14.05	228	355726	34.53	ng		94
83) Bis(2-ethylhexyl)phthalate	14.00	149	374821	67.71	ng	#	92
84) Di-n-octyl phthalate	14.62	149	477983	53.06	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	252921	30.59	ng	#	88
87) Benzo(b)fluoranthene	15.05	252	314818	39.63	ng	#	85
88) Benzo(k)fluoranthene	15.08	252	265911m	36.52	ng		
89) Benzo(a)pyrene	15.41	252	266955	38.74	ng	#	84
90) Dibenzo(a,h)anthracene	16.89	278	211546	36.59	ng	#	83
91) Benzo(g,h,i)perylene	17.30	276	205699	34.72	ng	#	76

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

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Data File : BF082163.D
Acq On : 10 Oct 2015 00:18
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QLast Update : Fri Oct 09 22:47:26 2015
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Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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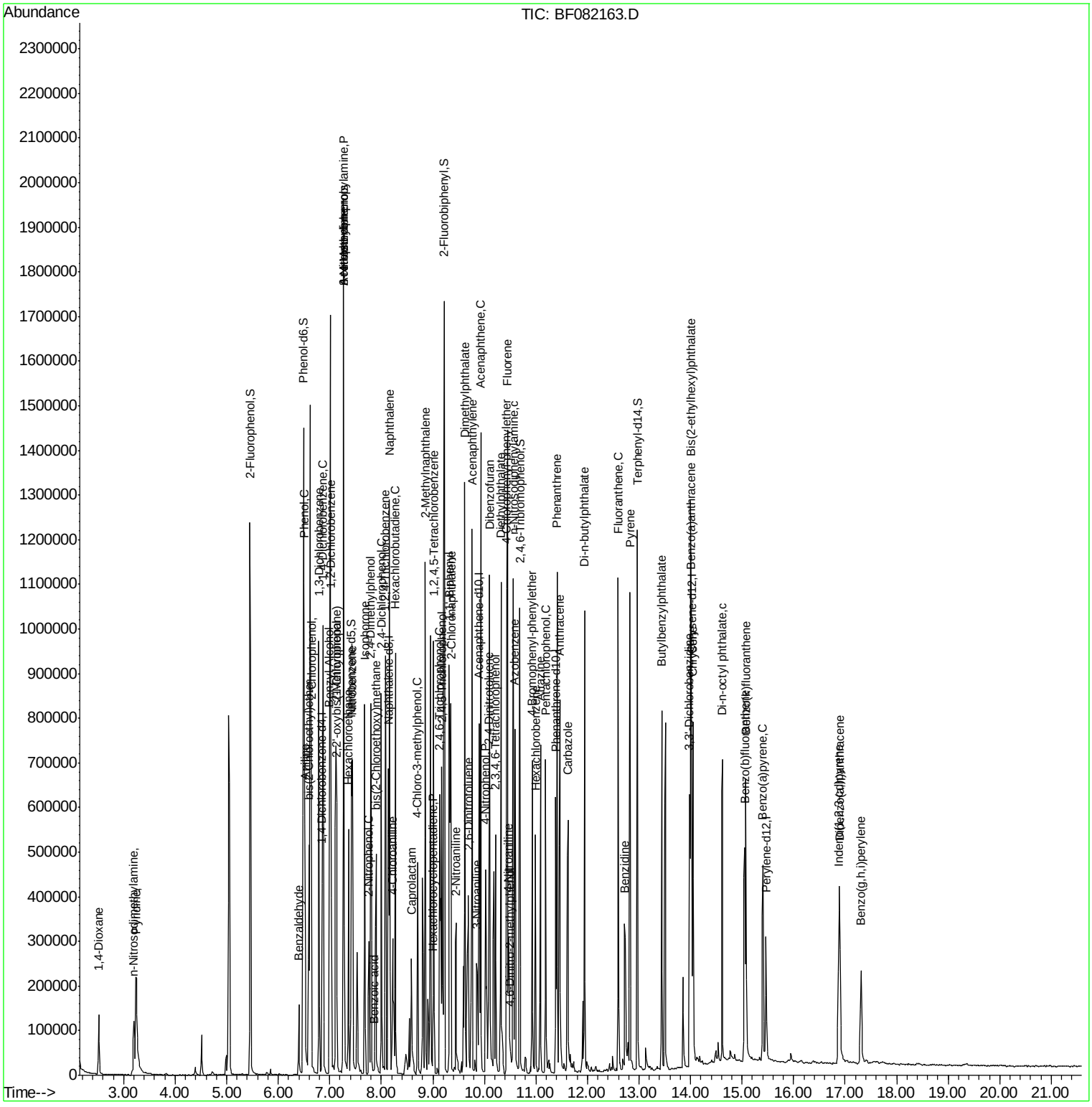
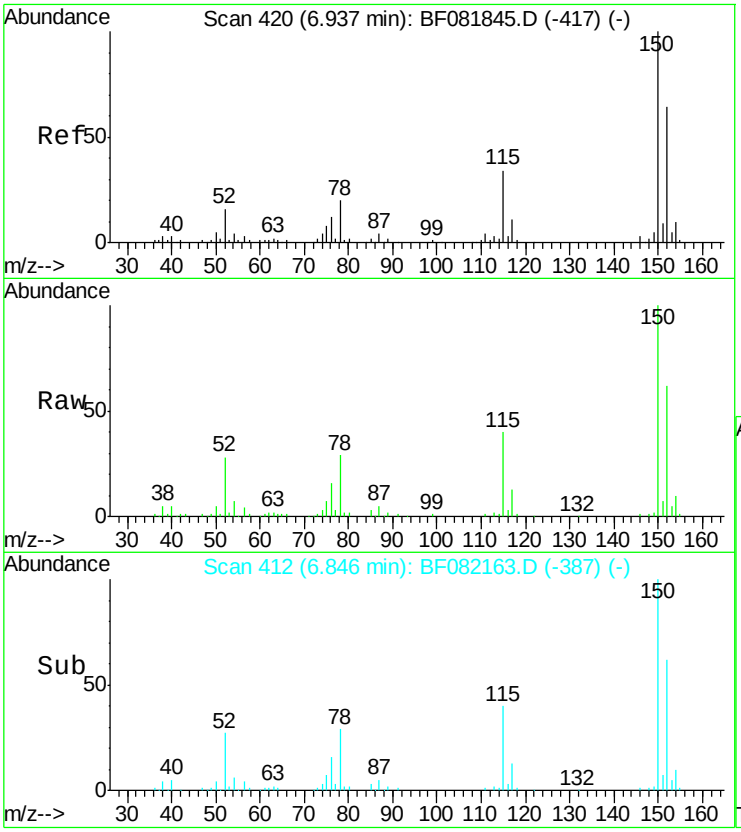
10/12/2015 2:46:30 PM

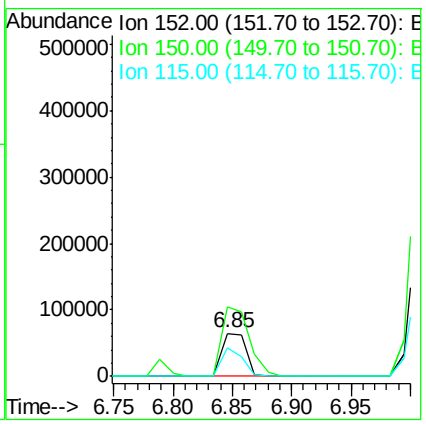




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

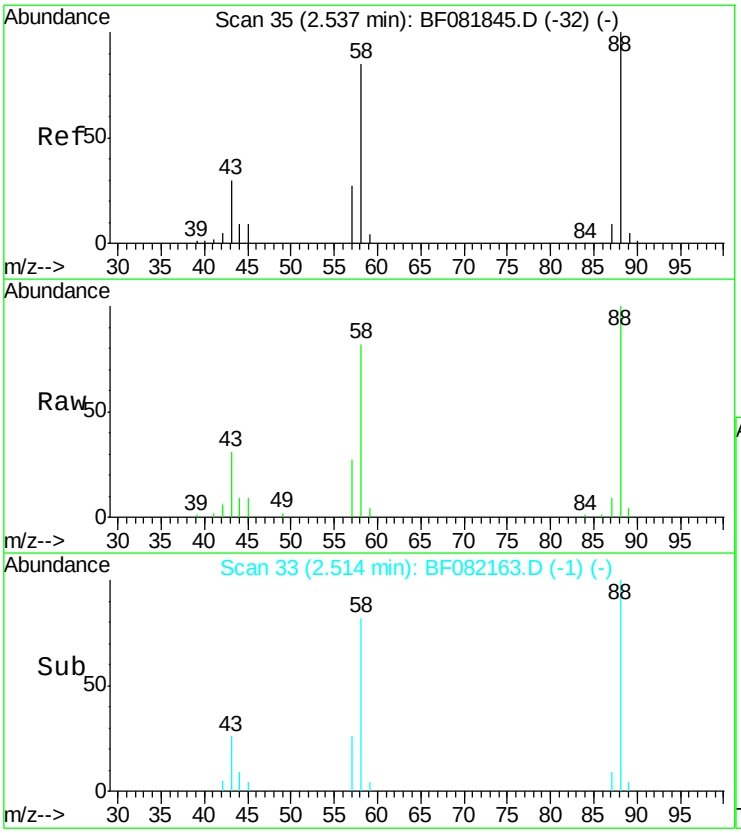
Tgt Ion:152 Resp: 91252

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.7	187.1
115	65.6	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

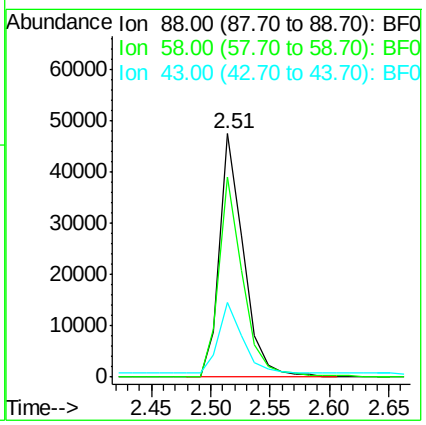
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM

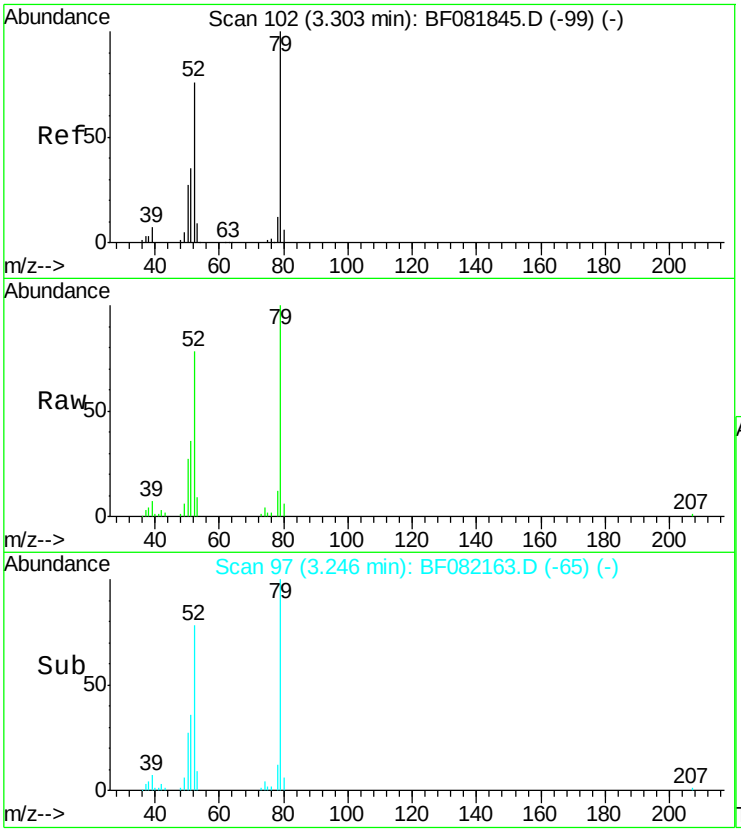


#2
1,4-Dioxane
Concen: 30.30 ng
RT: 2.51 min Scan# 33
Delta R.T. 0.07 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 88 Resp: 66228

Ion	Ratio	Lower	Upper
88	100		
58	83.8	77.7	116.5
43	29.8	26.6	40.0

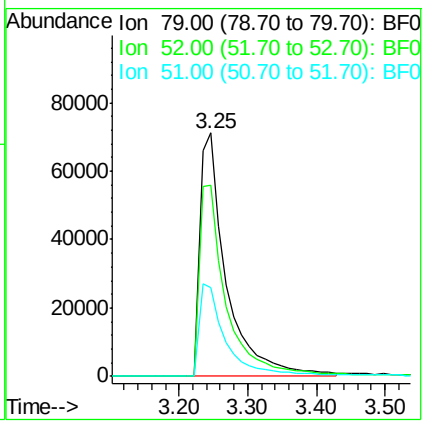




#3
Pyridine
Concen: 33.11 ng
RT: 3.25 min Scan# 97
Delta R.T. 0.07 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 79 Resp: 188436

Ion	Ratio	Lower	Upper
79	100		
52	78.3	76.8	115.2
51	36.2	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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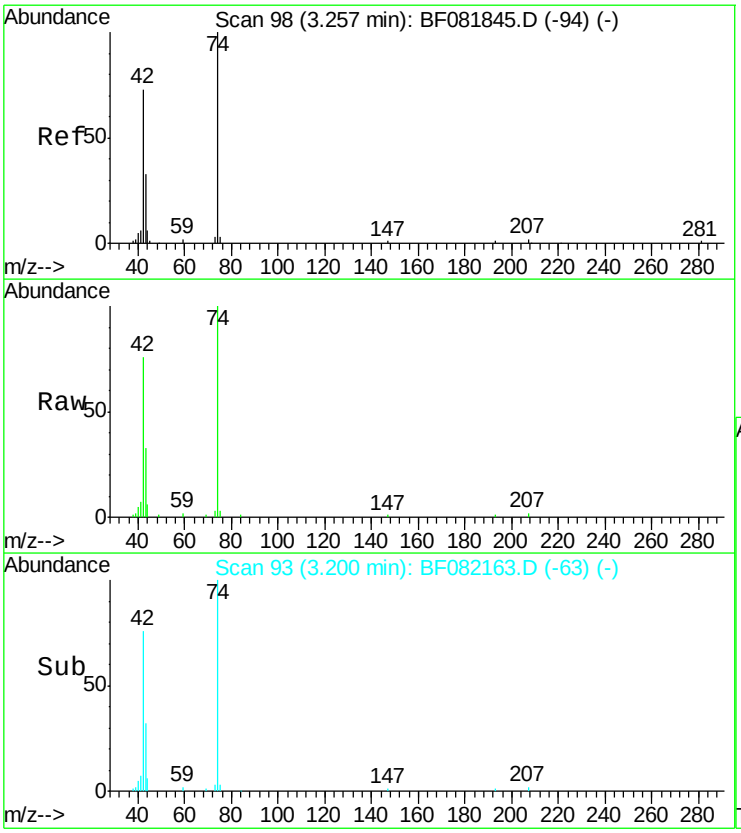
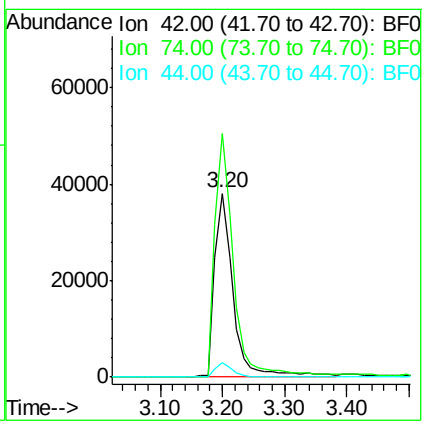
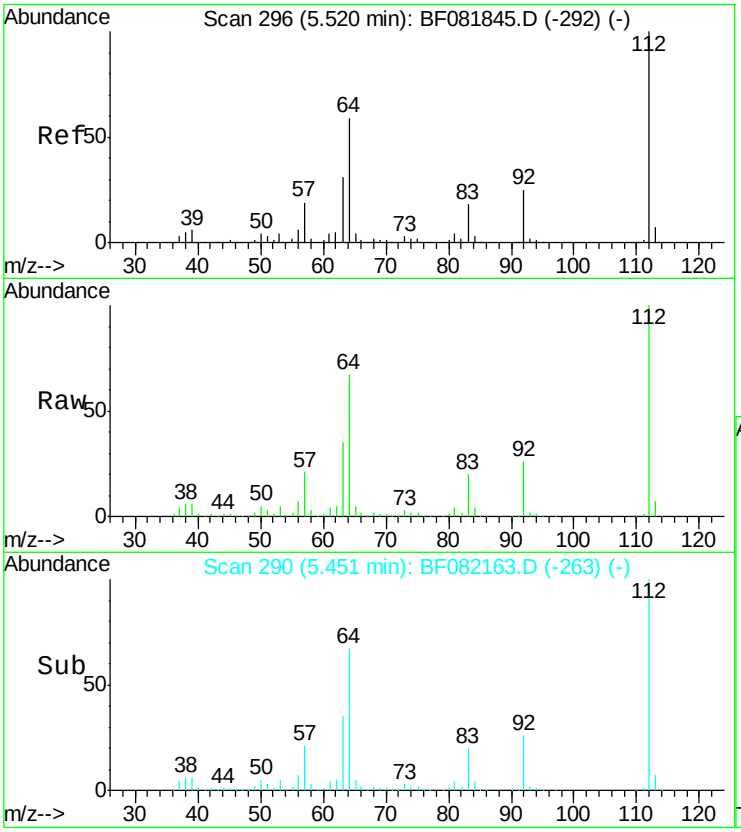


#4
n-Nitrosodimethylamine
Concen: 30.43 ng
RT: 3.20 min Scan# 93
Delta R.T. 0.05 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 42 Resp: 78664

Ion	Ratio	Lower	Upper
42	100		
74	132.4	105.0	157.6
44	7.7	6.6	10.0





#5
2-Fluorophenol
Concen: 97.49 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:112 Resp: 490043

Ion	Ratio	Lower	Upper
112	100		
64	66.6	39.7	59.5#
63	35.4	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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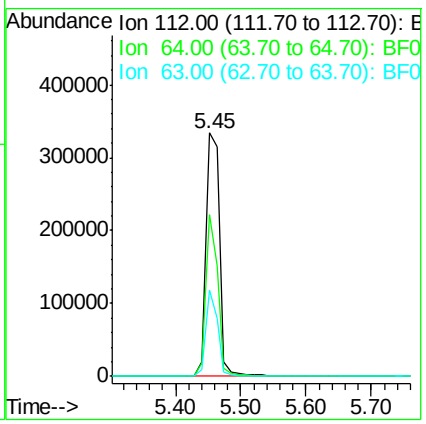
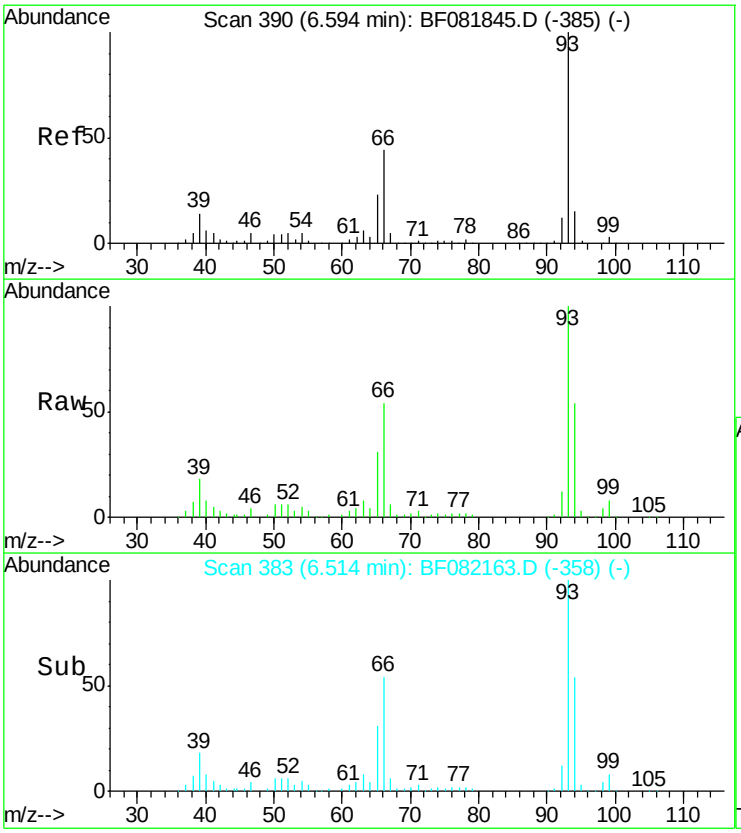
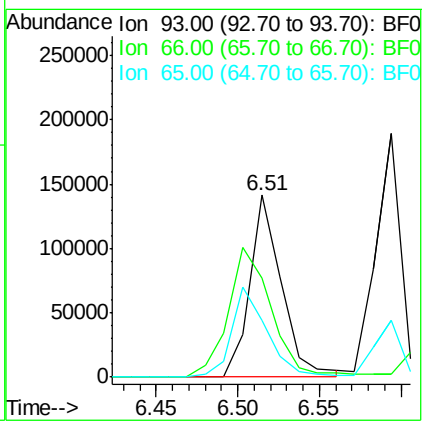


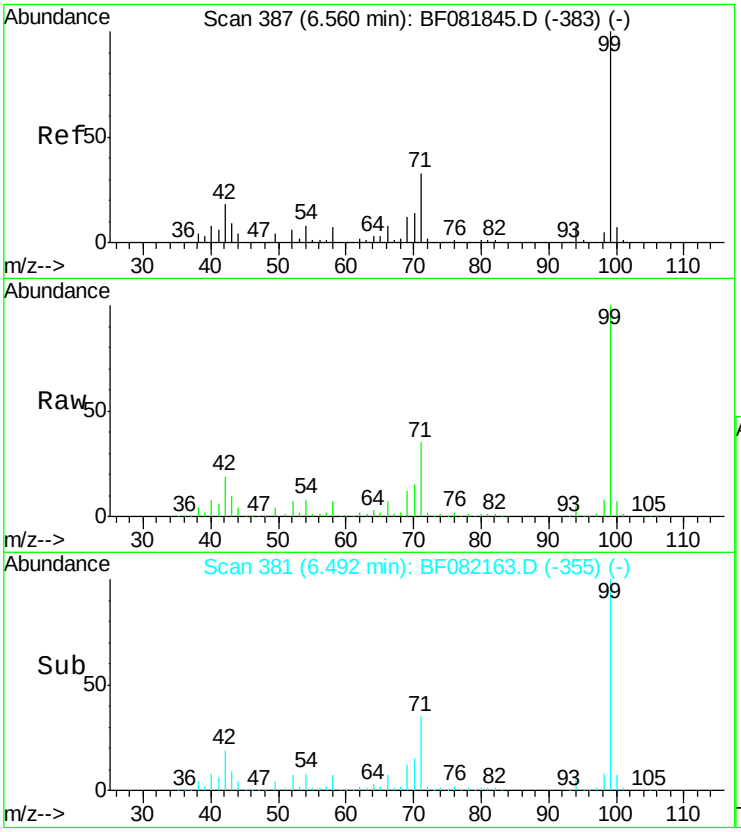


#6
Aniline
Concen: 22.67 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 93 Resp: 192654

Ion	Ratio	Lower	Upper
93	100		
66	54.1	27.2	40.8#
65	30.9	14.7	22.1#





#7
Phenol-d6
Concen: 96.31 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 99 Resp: 609163

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	35.4	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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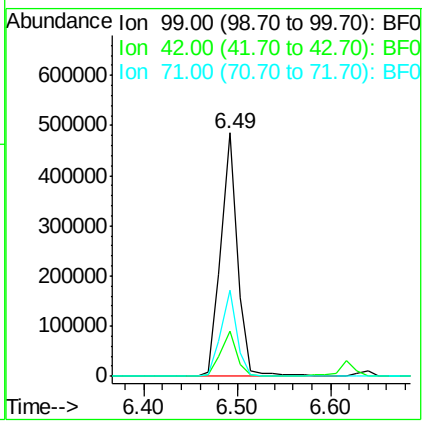
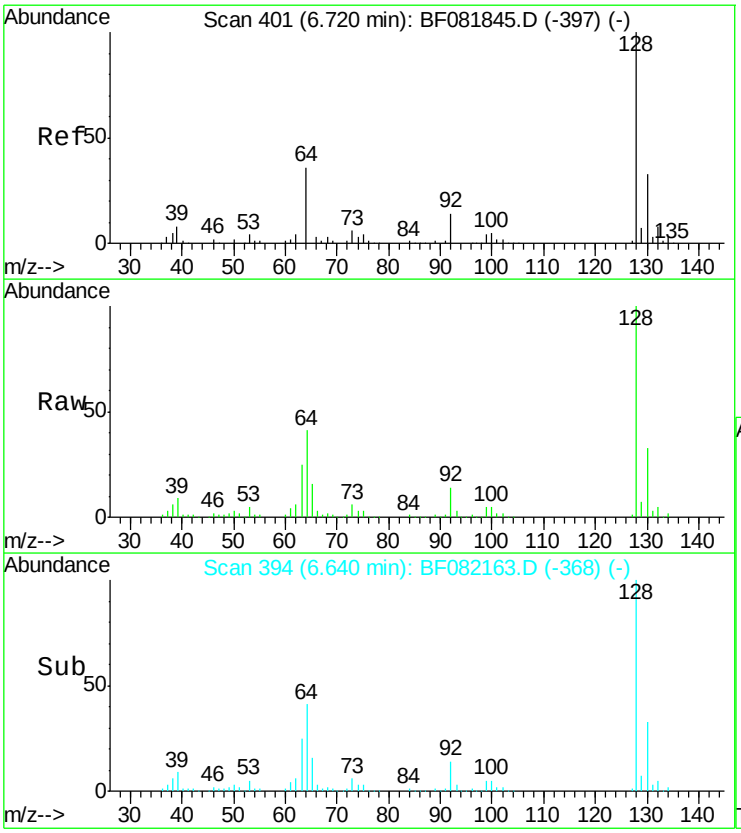
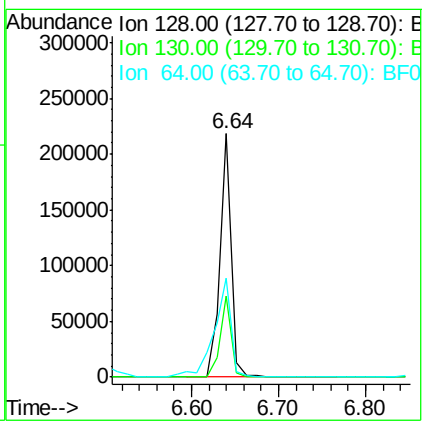


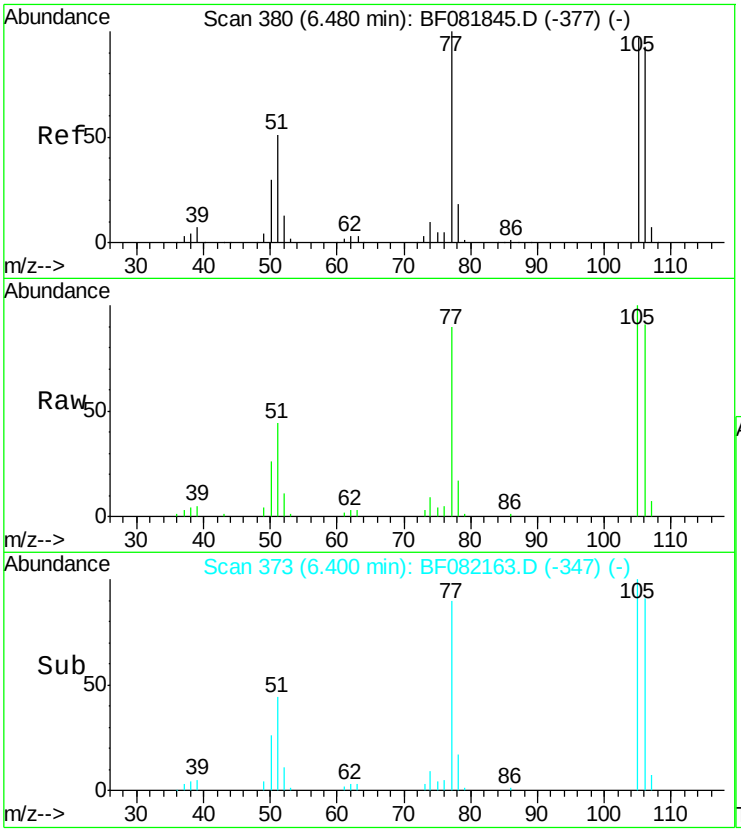


#8
2-Chlorophenol
Concen: 36.29 ng
RT: 6.64 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:128 Resp: 201442

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.2	52.2
64	40.6	20.5	60.5

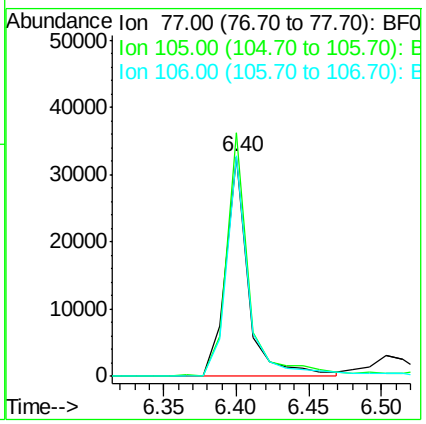




#9
Benzaldehyde
Concen: 8.59 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 77 Resp: 35601

Ion	Ratio	Lower	Upper
77	100		
105	111.0	91.6	131.6
106	100.5	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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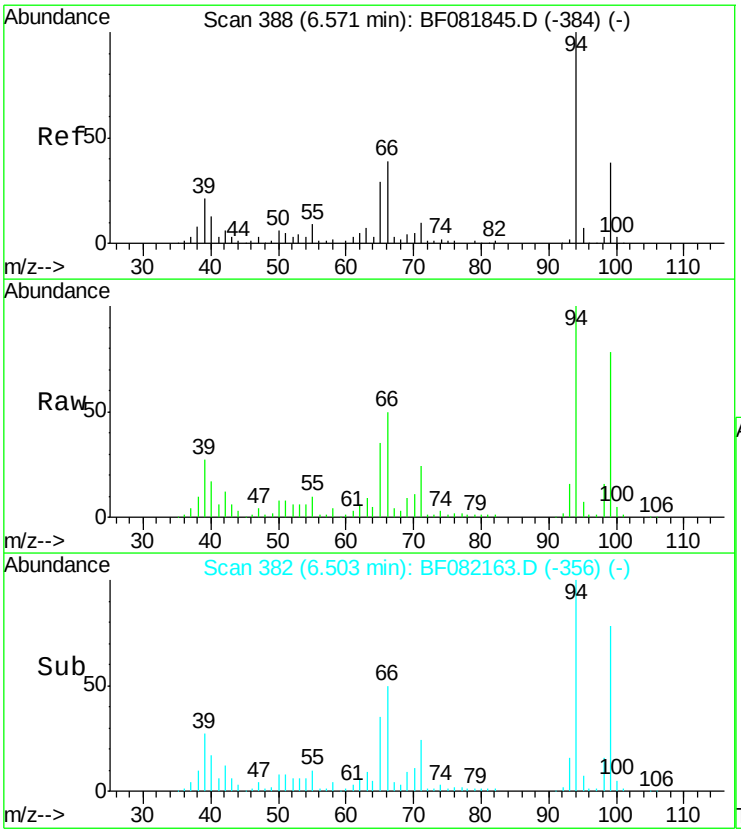
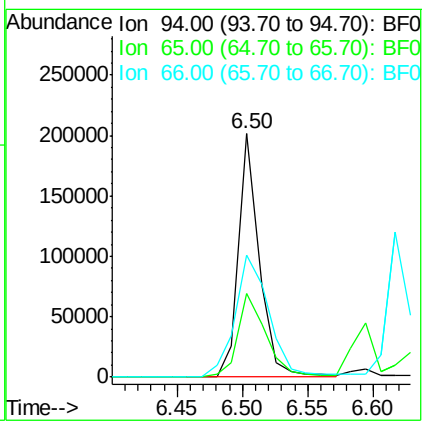
10/12/2015 2:46:30 PM

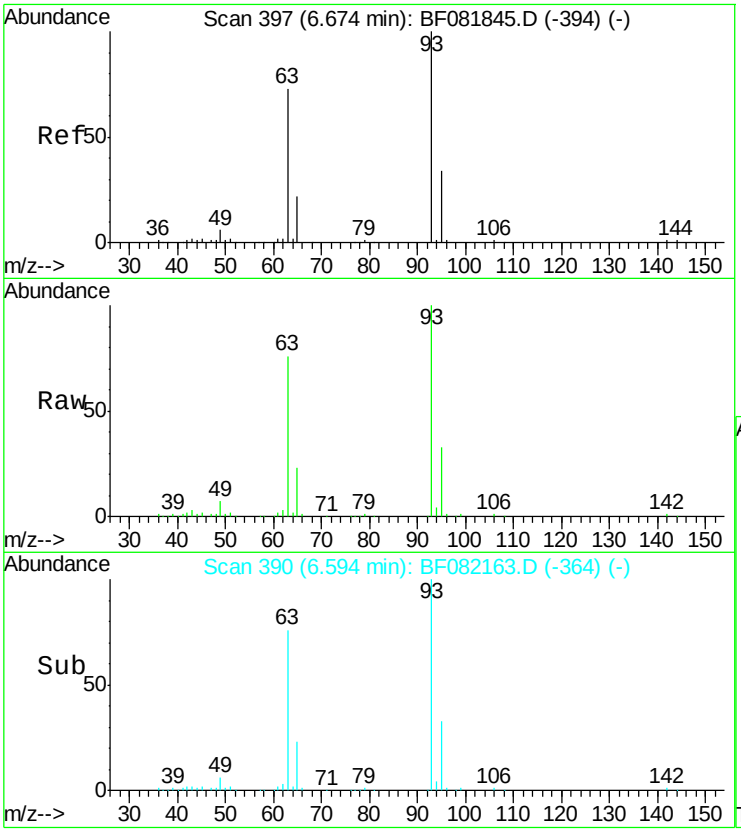


#10
Phenol
Concen: 31.50 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 94 Resp: 223484

Ion	Ratio	Lower	Upper
94	100		
65	34.6	0.7	40.7
66	50.2	0.8	40.8#

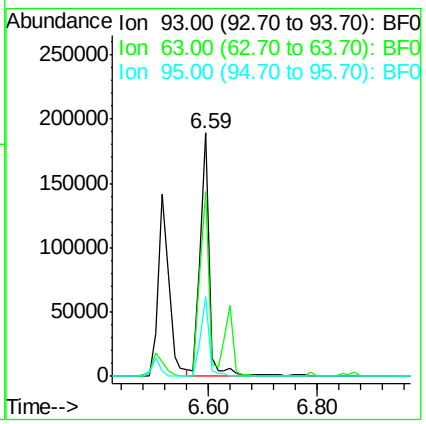




#11
bis(2-Chloroethyl)ether
Concen: 39.21 ng
RT: 6.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 93 Resp: 215780

Ion	Ratio	Lower	Upper
93	100		
63	76.1	65.6	105.6
95	32.5	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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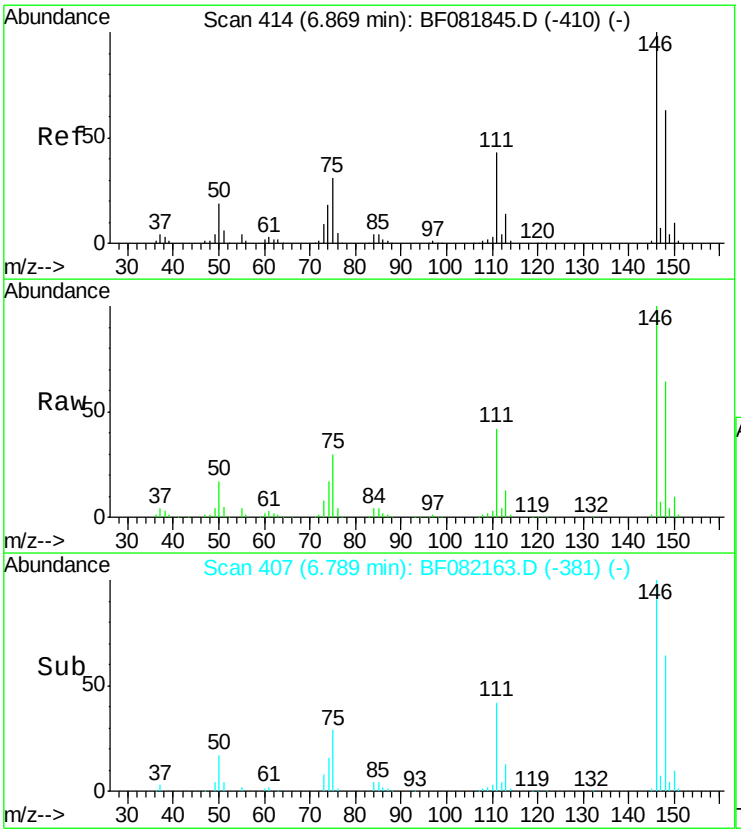
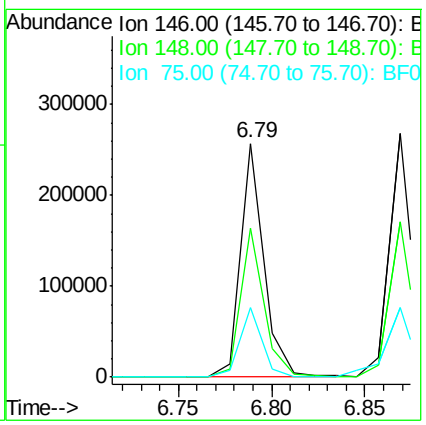
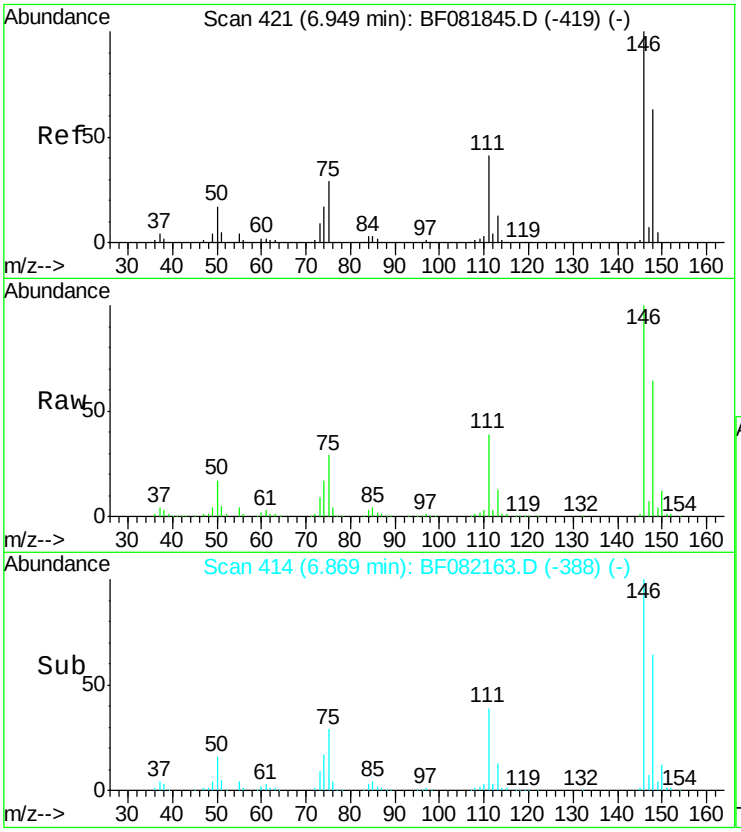


#12
1,3-Dichlorobenzene
Concen: 34.36 ng
RT: 6.79 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:146 Resp: 225288

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	29.6	15.0	22.6#

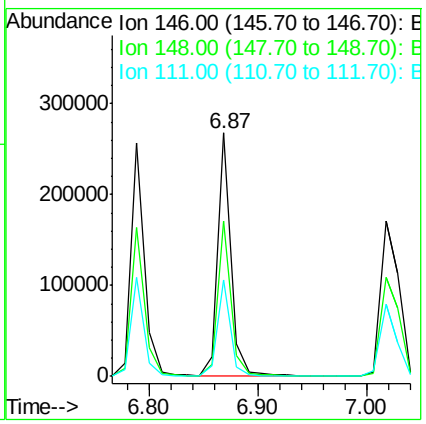




#13
1,4-Dichlorobenzene
Concen: 34.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:146 Resp: 232794

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	39.4	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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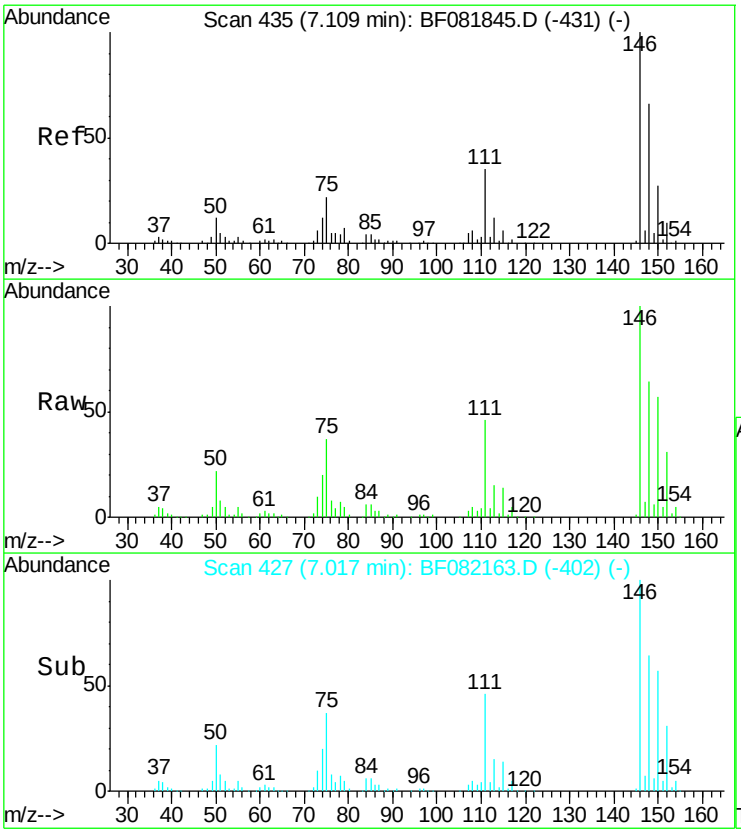
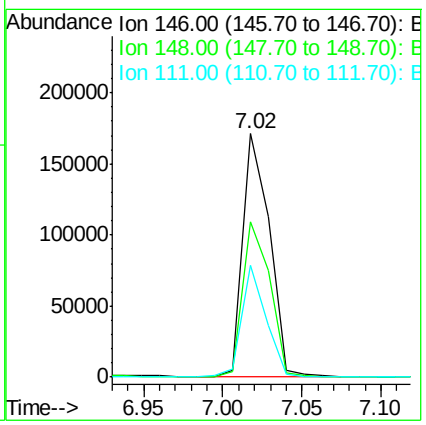
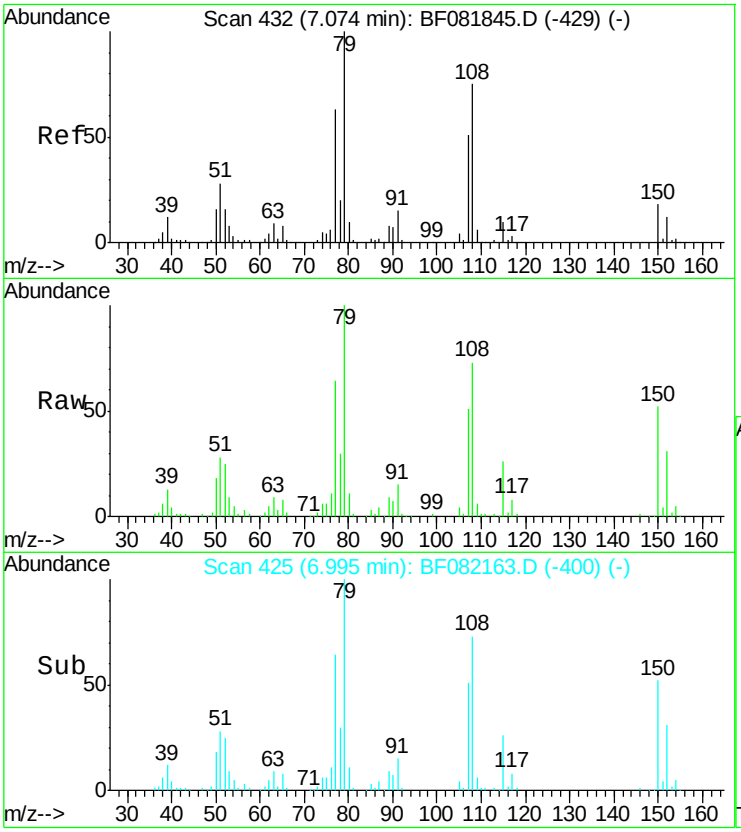


#14
1,2-Dichlorobenzene
Concen: 33.56 ng m
RT: 7.02 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:146 Resp: 204748

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	46.0	28.8	43.2#

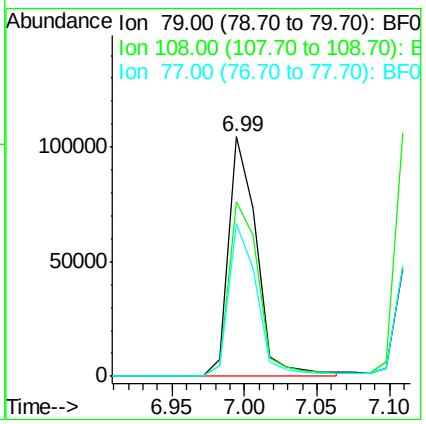




#15
Benzyl Alcohol
Concen: 30.78 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 79 Resp: 140562

Ion	Ratio	Lower	Upper
79	100		
108	72.7	88.6	132.8#
77	63.7	47.0	70.4



Instrument :
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ClientSampleId :
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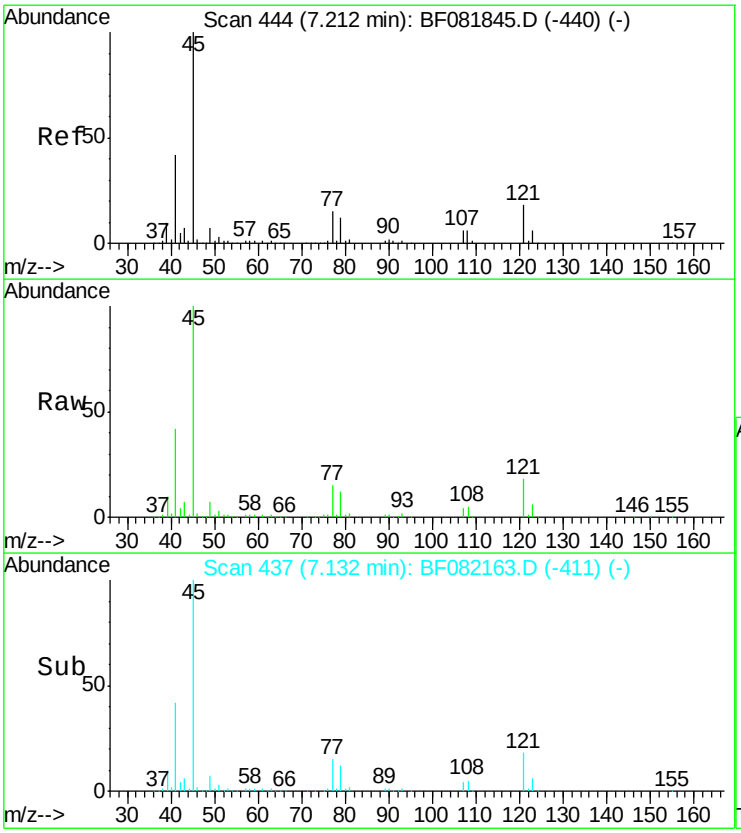
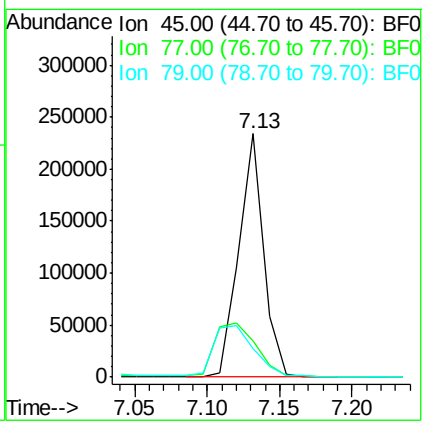
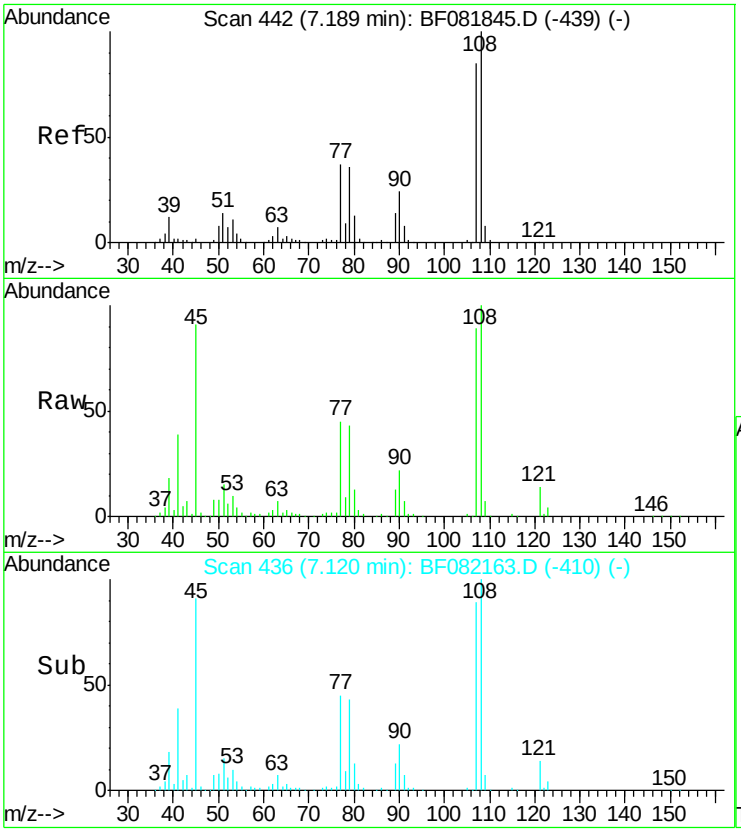


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.79 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 45 Resp: 278413

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	28.1
79	11.7	0.0	26.0

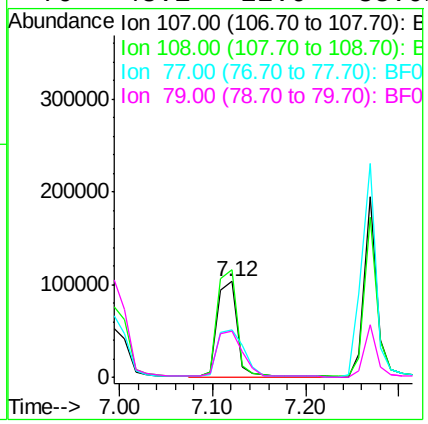




#17
2-Methylphenol
Concen: 33.60 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:107 Resp: 151201

Ion	Ratio	Lower	Upper
107	100		
108	111.9	96.6	145.0
77	50.0	23.3	34.9#
79	48.1	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
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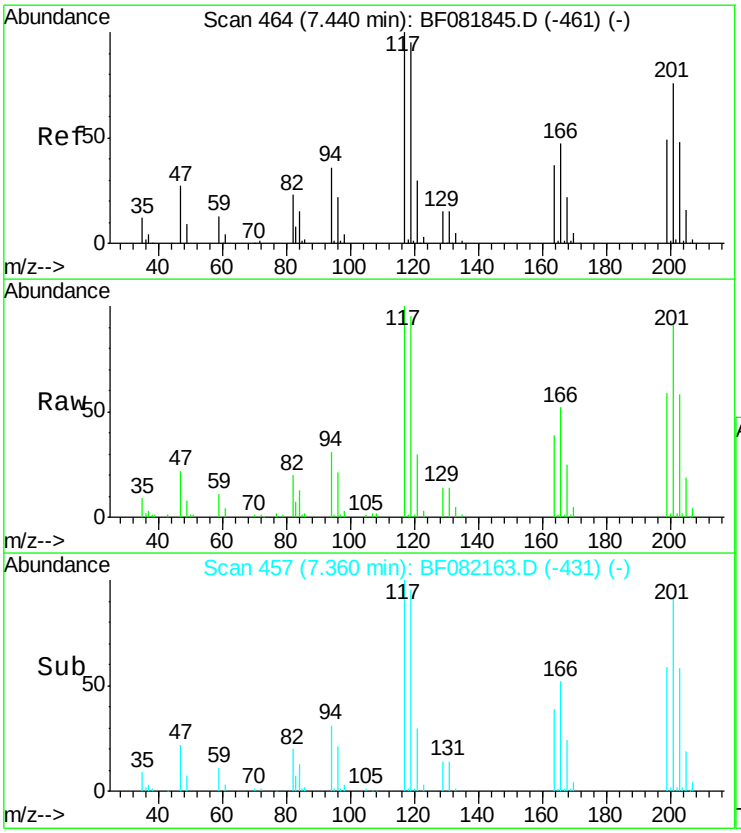
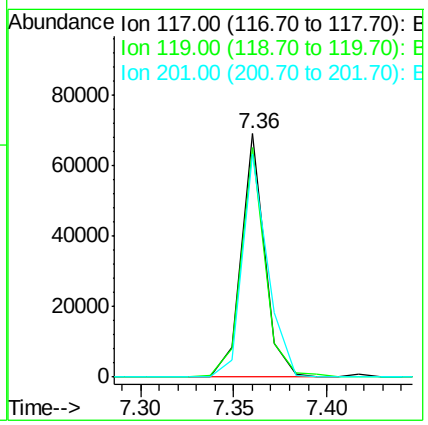
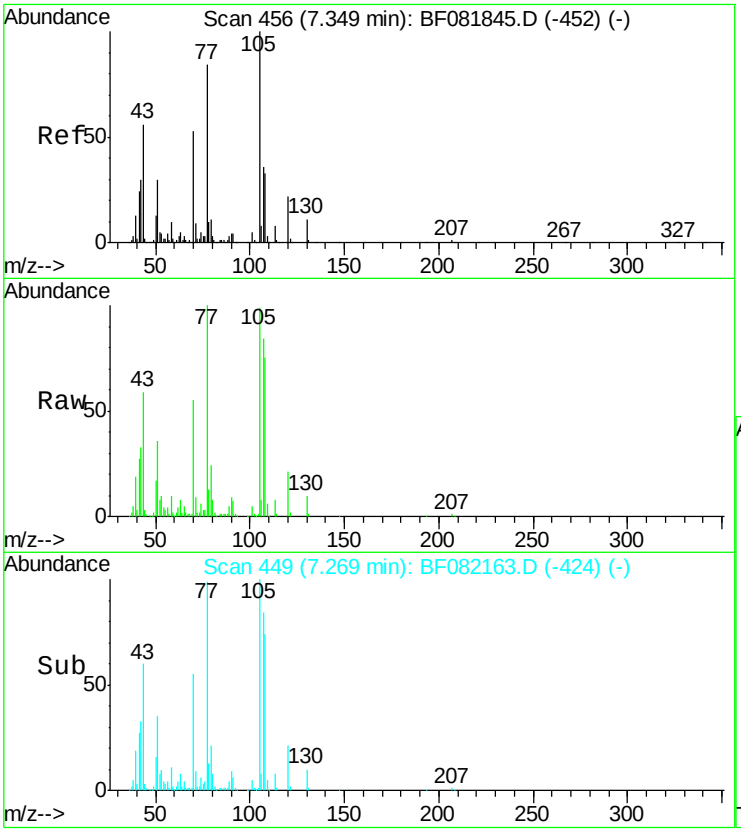


#18
Hexachloroethane
Concen: 28.15 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:117 Resp: 60332

Ion	Ratio	Lower	Upper
117	100		
119	94.5	83.8	125.6
201	91.4	55.1	82.7#





#19
n-Nitroso-di-n-propylamine
Concen: 33.71 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Instrument :
BNA_F
ClientSampleId :
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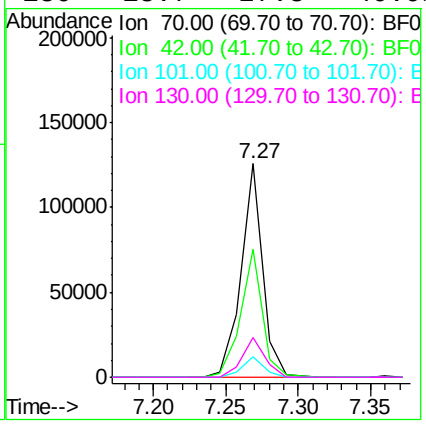
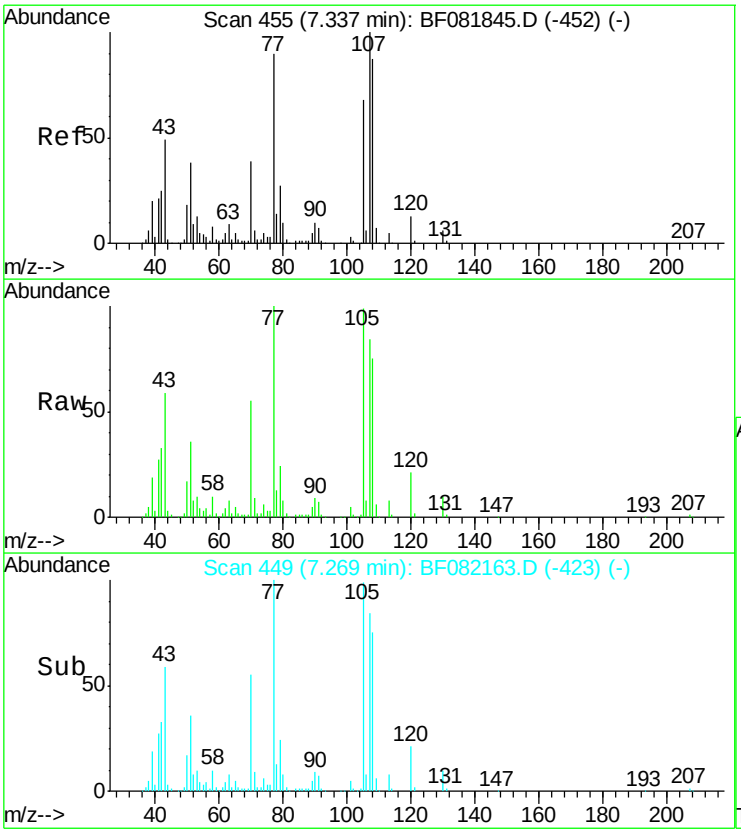
Tgt Ion: 70 Resp: 129604

Ion	Ratio	Lower	Upper
70	100		
42	59.7	63.8	95.6#
101	9.4	9.2	13.8
130	18.7	27.3	40.9#

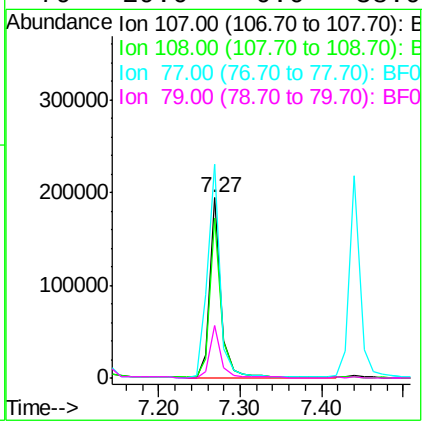


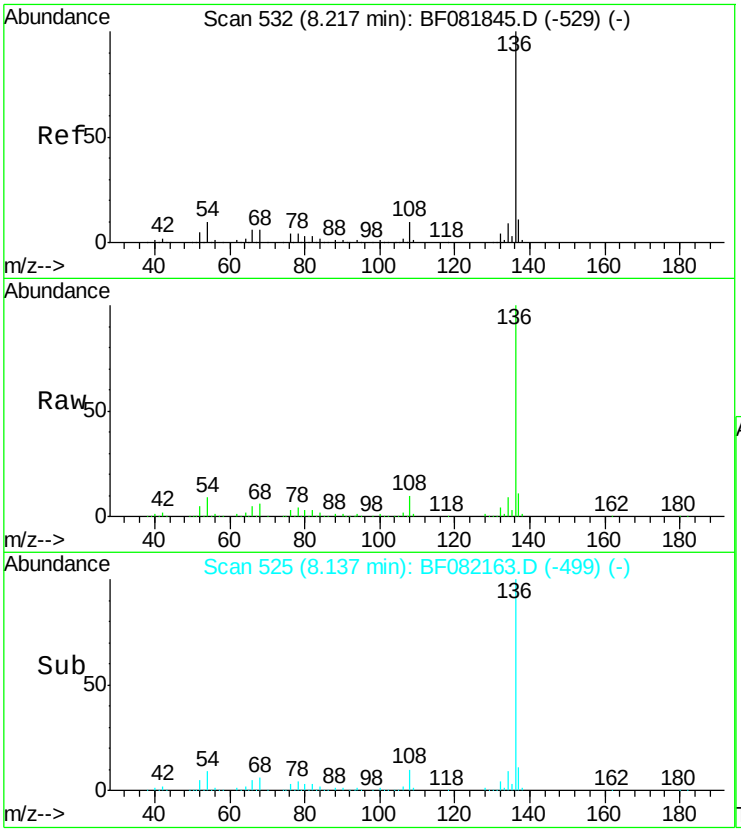


#20
3+4-Methylphenols
Concen: 33.60 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:107 Resp: 190996

Ion	Ratio	Lower	Upper
107	100		
108	88.9	74.6	114.6
77	118.7	0.7	40.7#
79	29.0	0.0	38.9

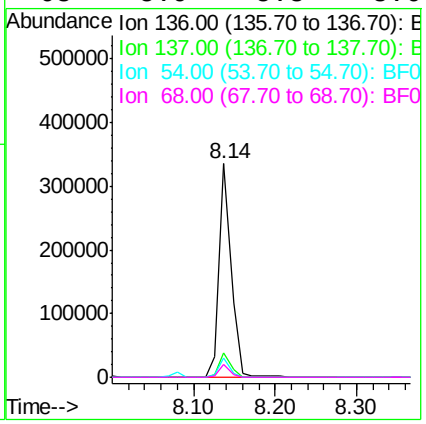




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:136 Resp: 342289

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.9	8.2	12.2
68	5.9	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
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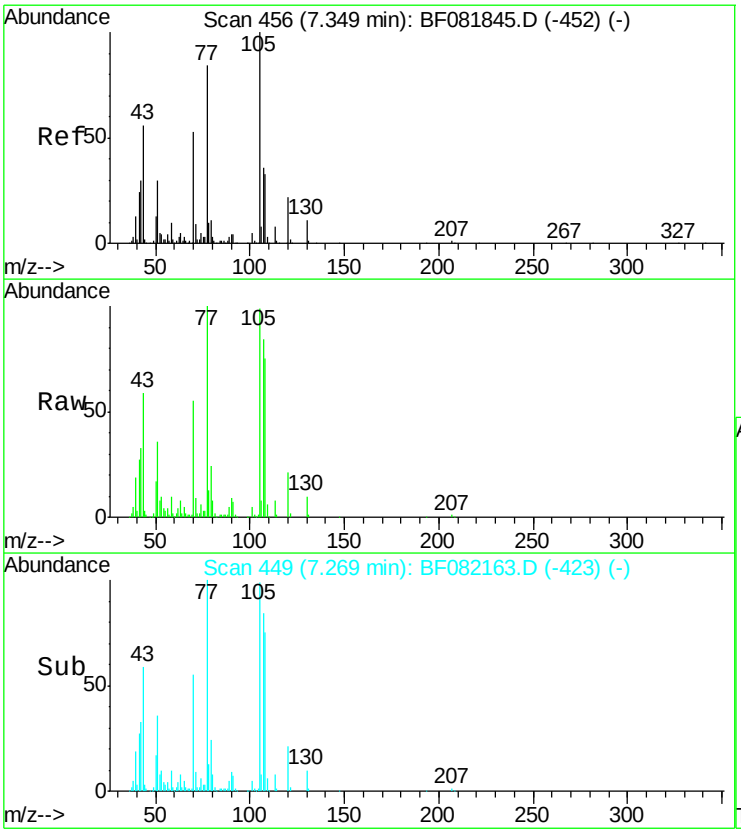
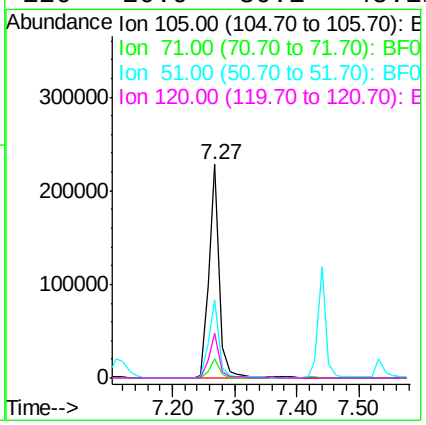
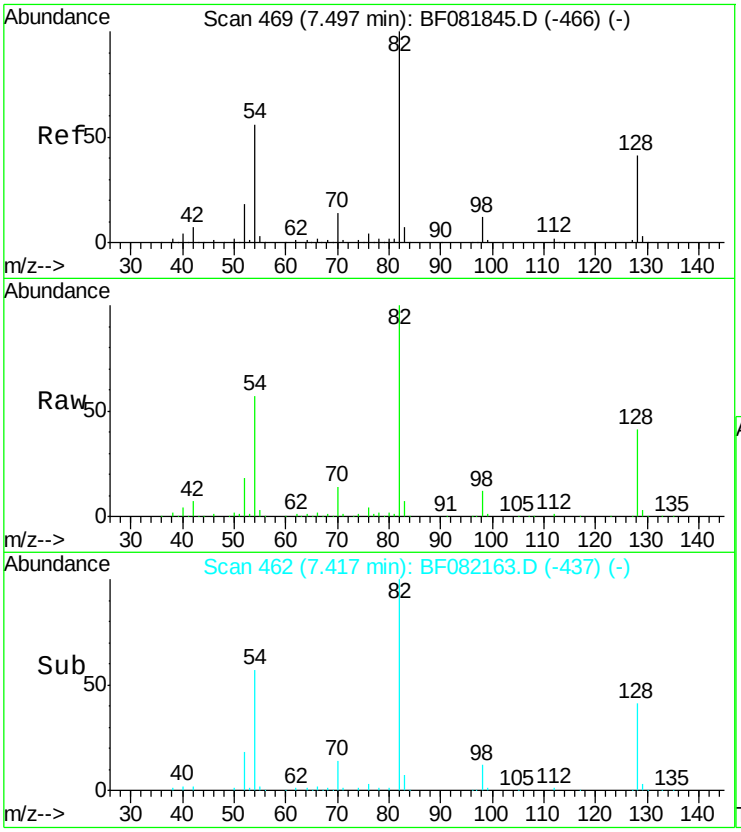


#22
Acetophenone
Concen: 37.93 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:105 Resp: 265434

Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.7	7.1#
51	36.6	22.0	33.0#
120	20.9	30.1	45.1#

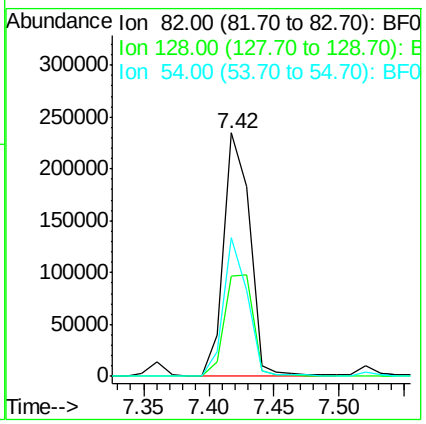




#23
Nitrobenzene-d5
Concen: 64.35 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 82 Resp: 330426

Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	56.8	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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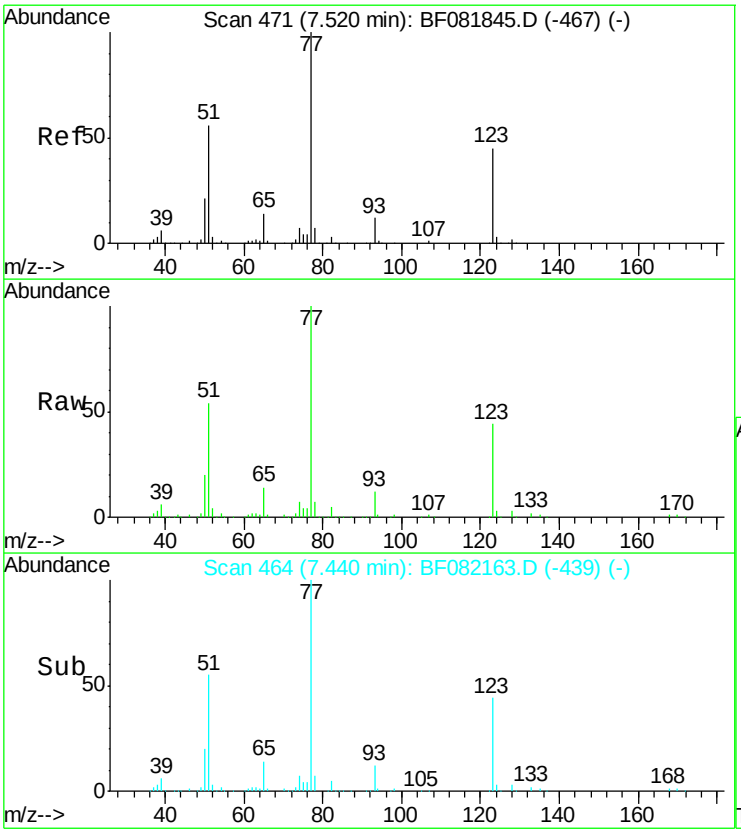
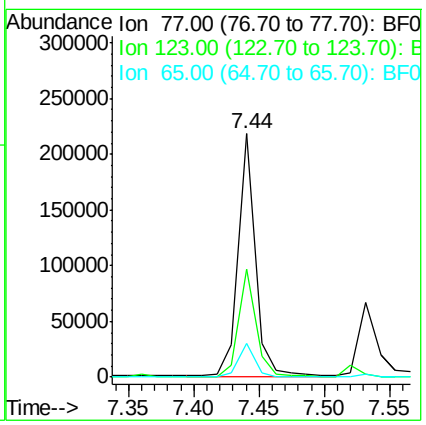
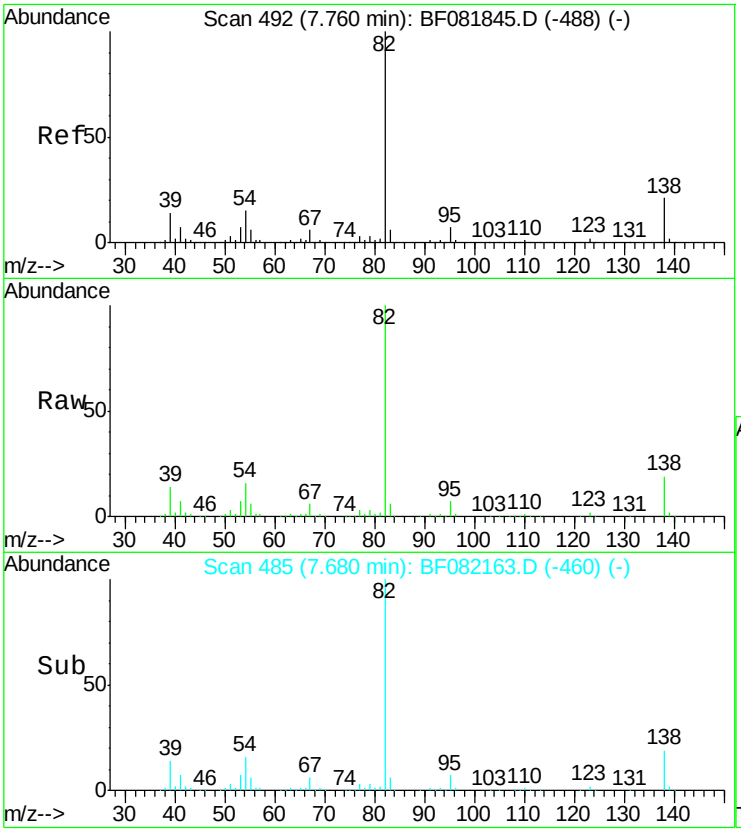


#24
Nitrobenzene
Concen: 35.81 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 77 Resp: 199682

Ion	Ratio	Lower	Upper
77	100		
123	44.2	59.8	89.8#
65	13.6	10.2	15.4

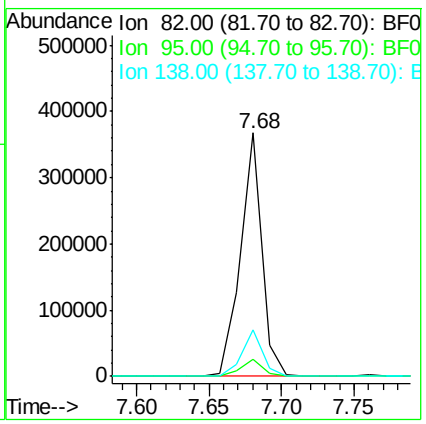




#25
Isophorone
Concen: 36.84 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 82 Resp: 374900

Ion	Ratio	Lower	Upper
82	100		
95	7.0	4.0	6.0#
138	18.8	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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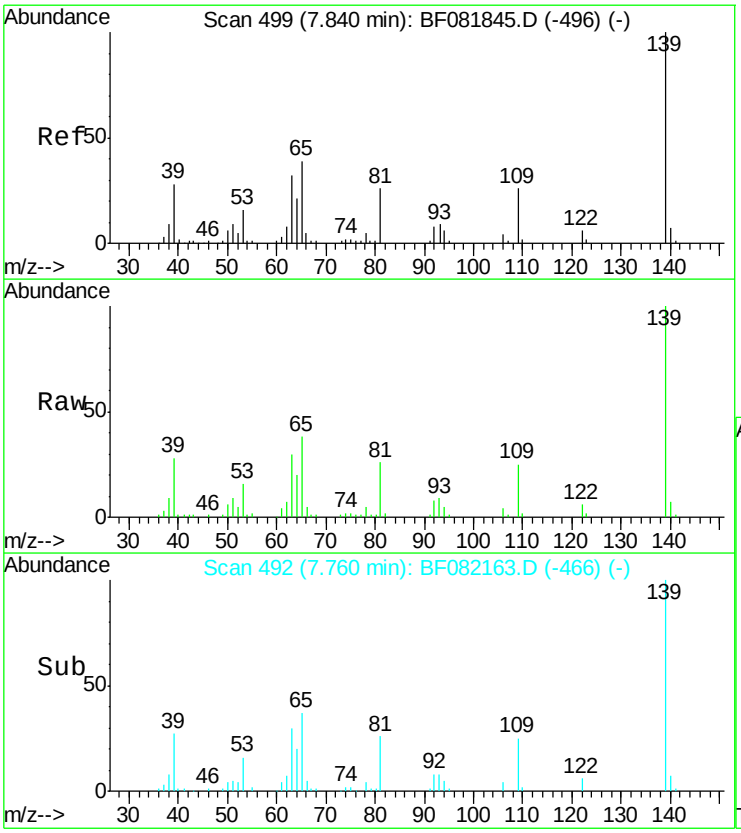
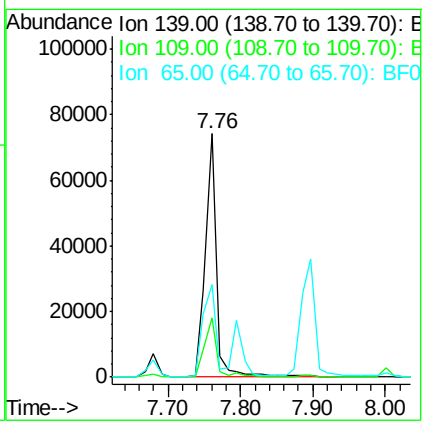
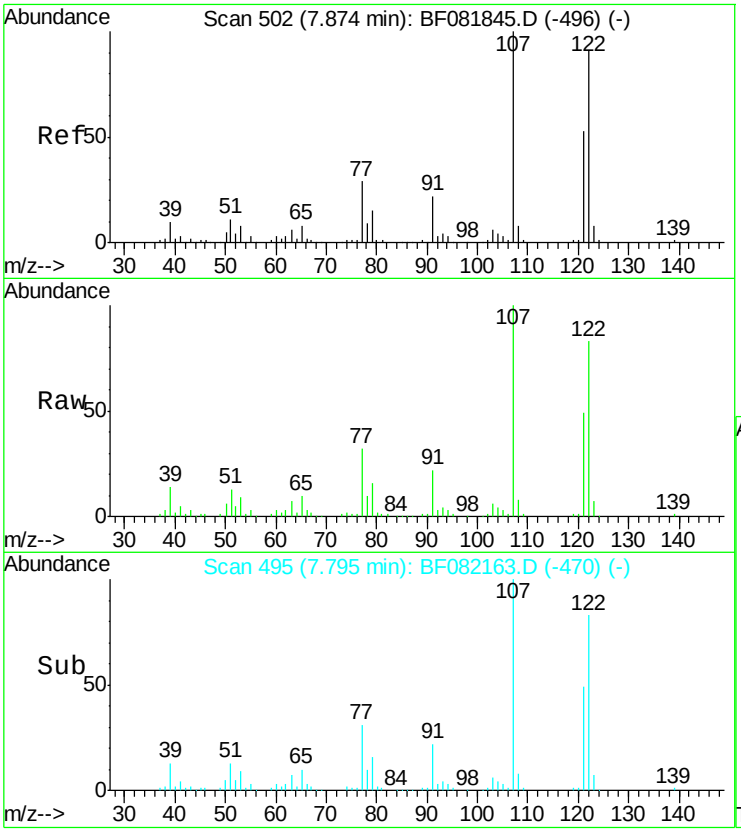


#26
2-Nitrophenol
Concen: 30.07 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:139 Resp: 80468

Ion	Ratio	Lower	Upper
139	100		
109	24.5	11.0	16.4#
65	37.8	24.7	37.1#

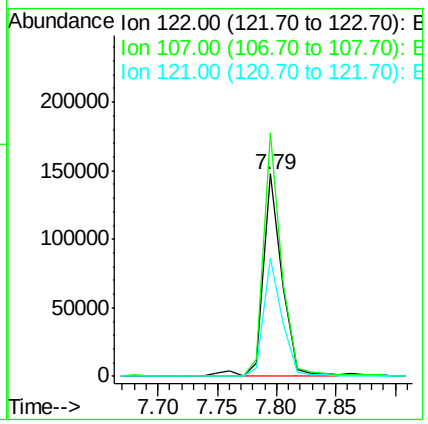




#27
2,4-Dimethylphenol
Concen: 35.05 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:122 Resp: 165007

Ion	Ratio	Lower	Upper
122	100		
107	120.2	71.8	107.6#
121	58.5	42.3	63.5



Instrument :
BNA_F
ClientSampleId :
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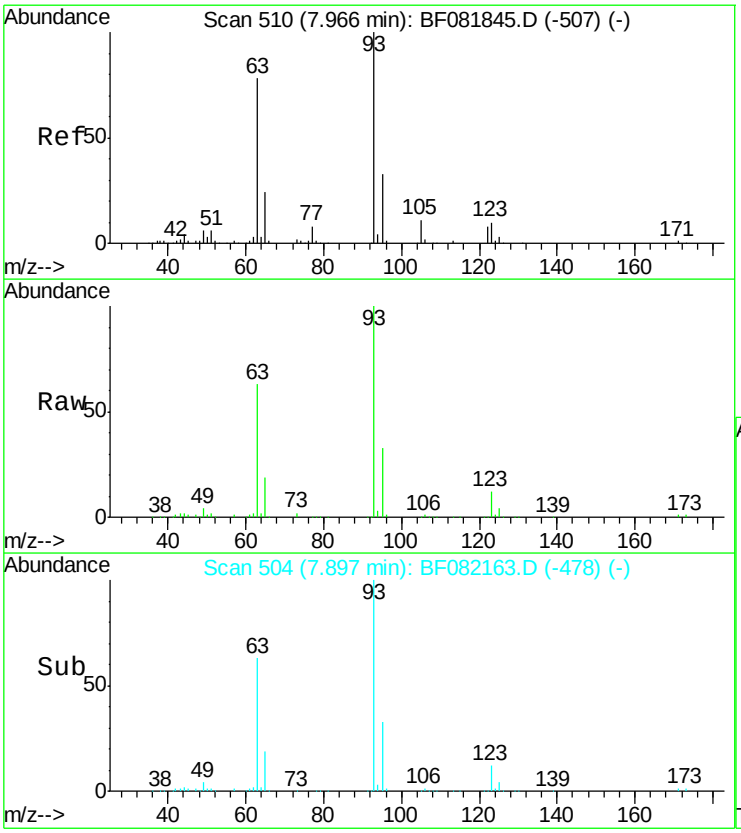
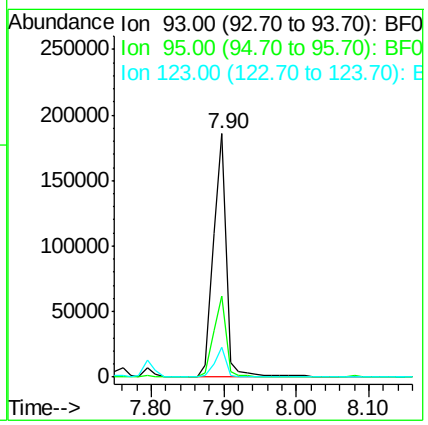
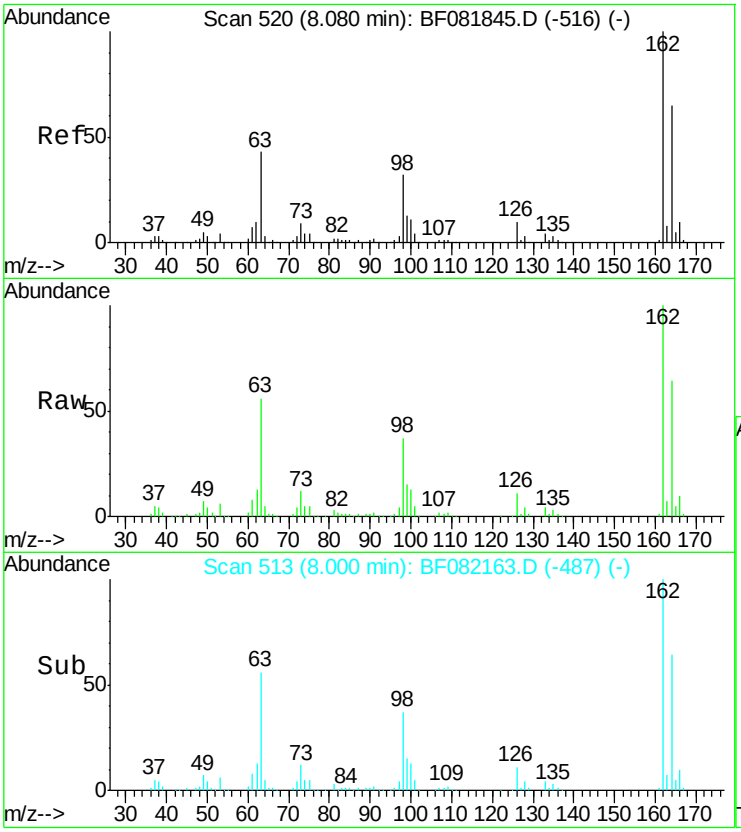


#28
bis(2-Chloroethoxy)methane
Concen: 37.98 ng
RT: 7.90 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 93 Resp: 229524

Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.5	41.3
123	12.2	13.7	20.5#

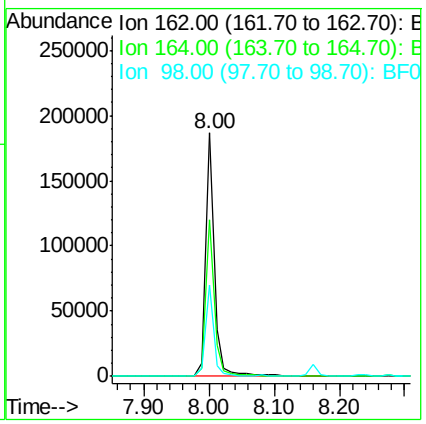




#29
2,4-Dichlorophenol
Concen: 38.18 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:162 Resp: 174297

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	37.4	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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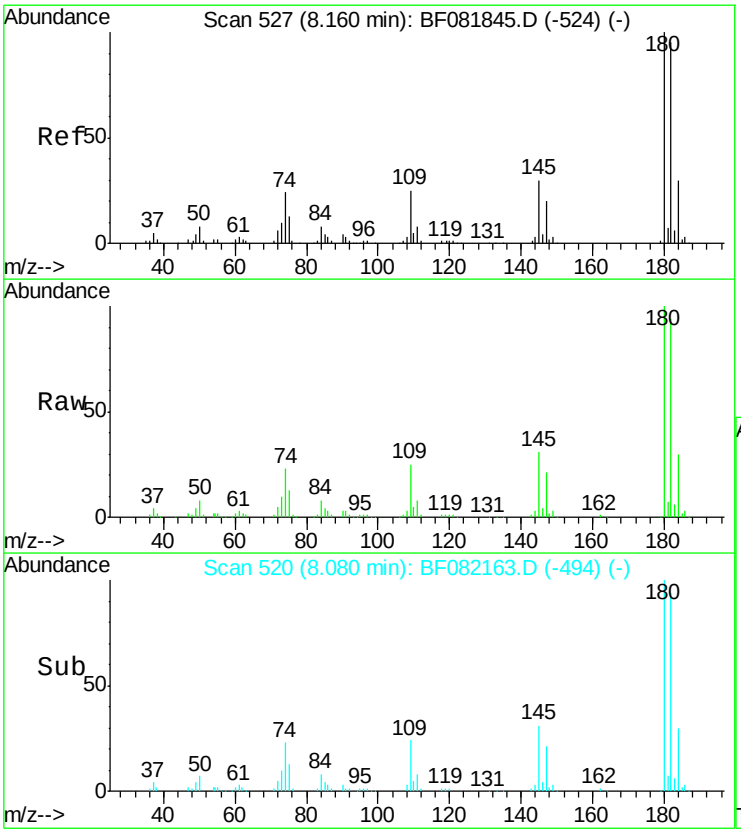
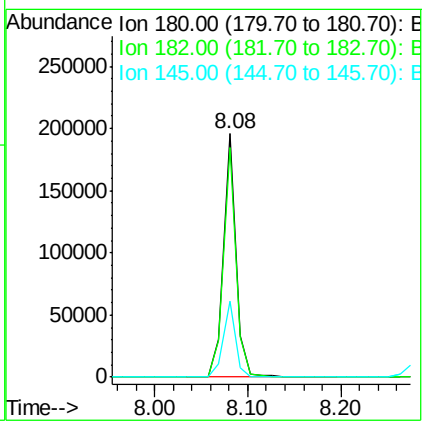
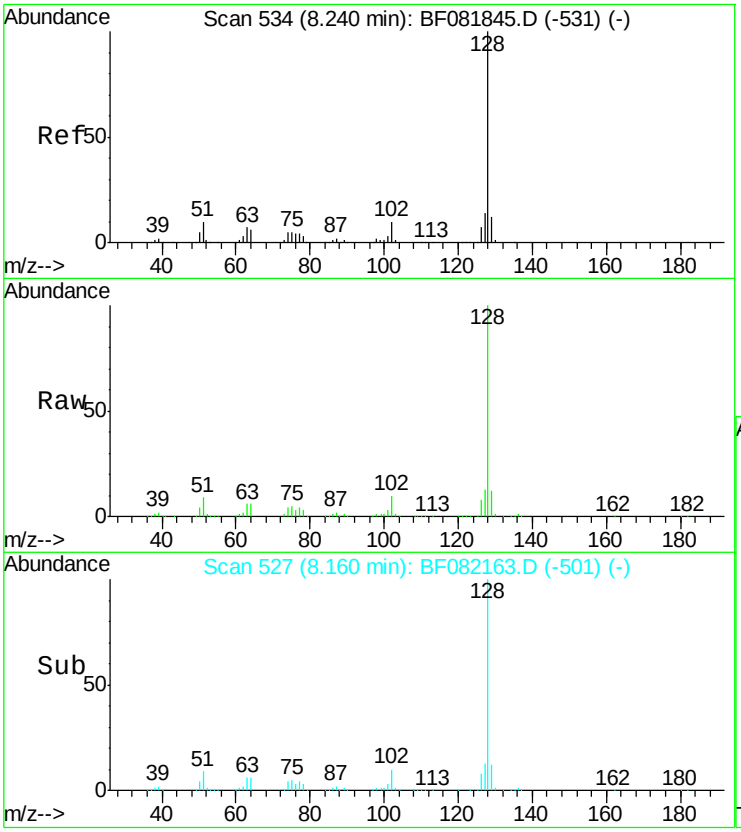


#30
1,2,4-Trichlorobenzene
Concen: 35.94 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:180 Resp: 183199

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	31.1	23.3	34.9

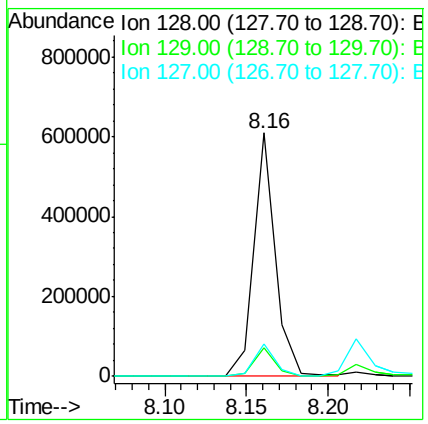




#31
Naphthalene
Concen: 37.23 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:128 Resp: 564629

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.5	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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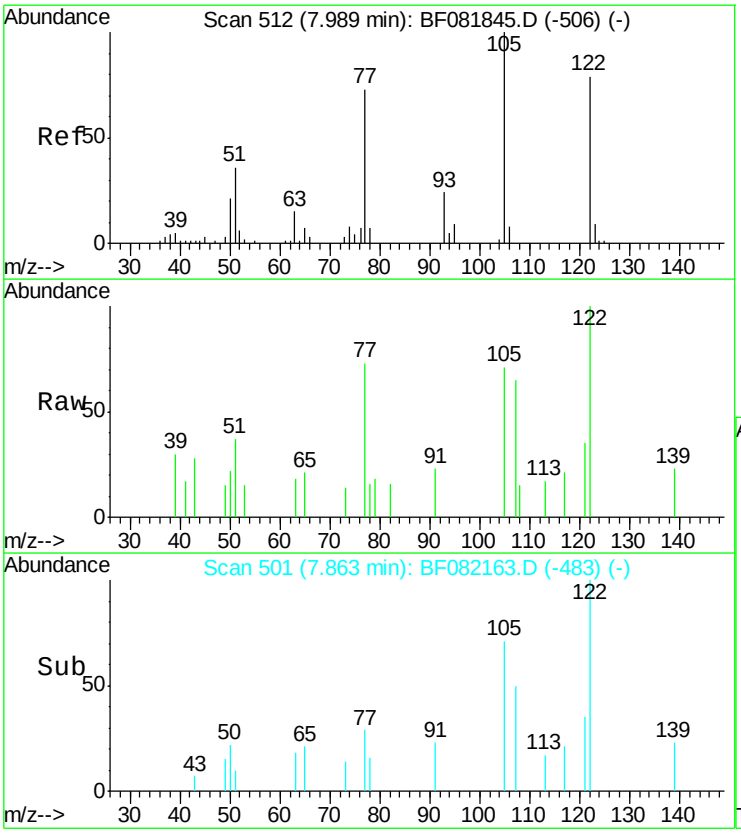
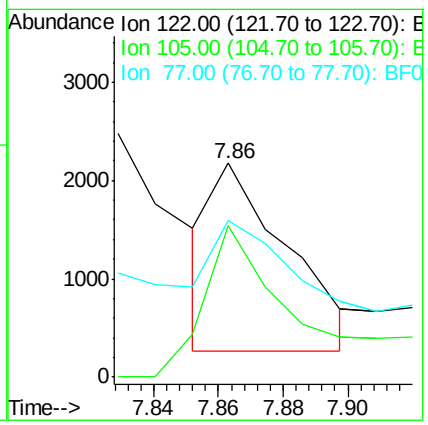
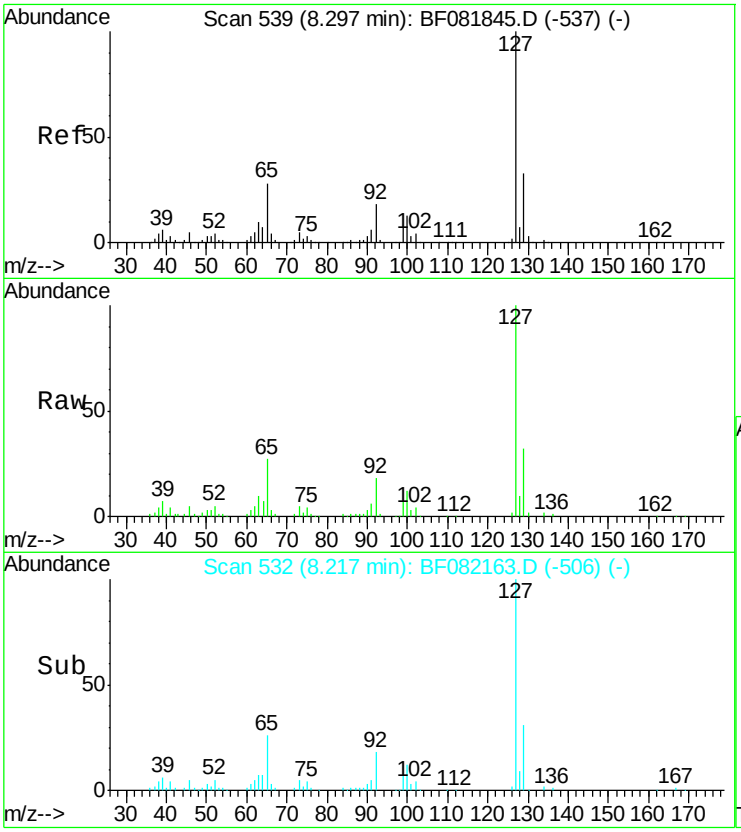


#32
Benzoic acid
Concen: 8.28 ng m
RT: 7.86 min Scan# 501
Delta R.T. -0.09 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:122 Resp: 3119

Ion	Ratio	Lower	Upper
122	100		
105	71.1	76.1	116.1#
77	73.2	40.5	80.5

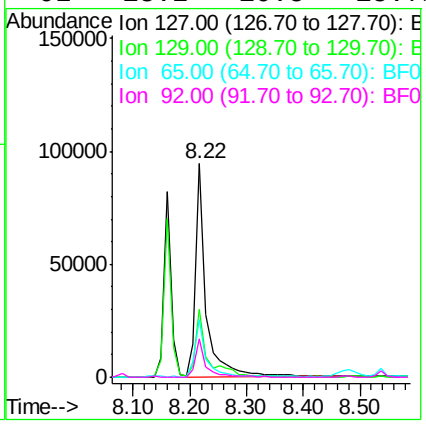




#33
4-Chloroaniline
Concen: 18.56 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:127 Resp: 121736

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	27.1	17.9	26.9#
92	18.2	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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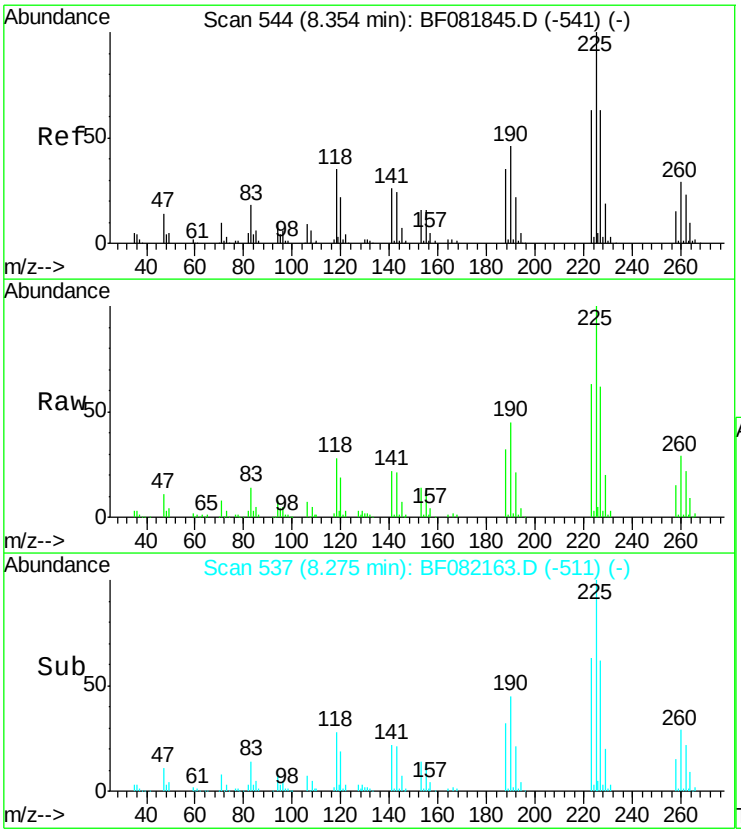
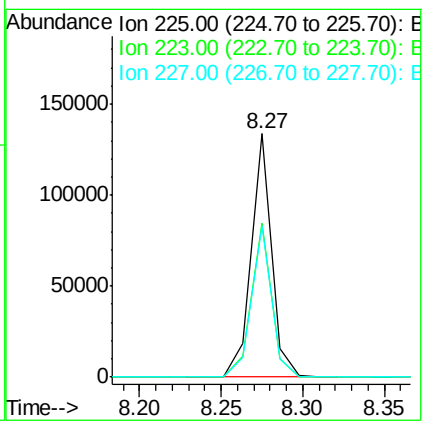
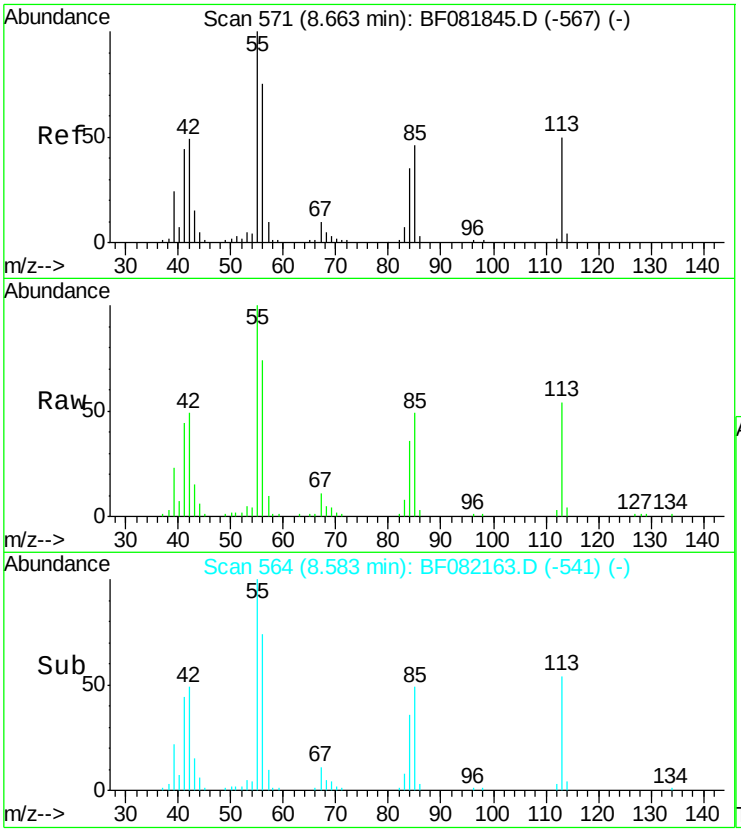


#34
Hexachlorobutadiene
Concen: 38.47 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:225 Resp: 115975

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	62.0	52.2	78.2

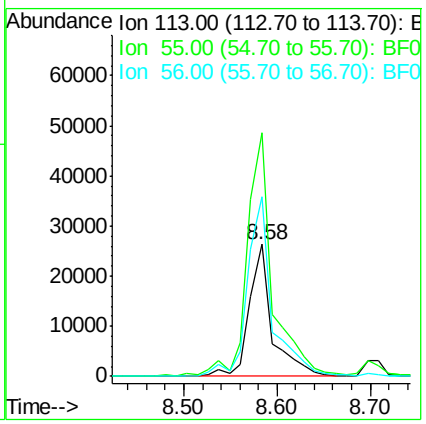




#35
Caprolactam
Concen: 35.80 ng
RT: 8.58 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:113 Resp: 45249

Ion	Ratio	Lower	Upper
113	100		
55	184.4	152.4	192.4
56	136.3	104.6	144.6



Instrument :
BNA_F
ClientSampleId :
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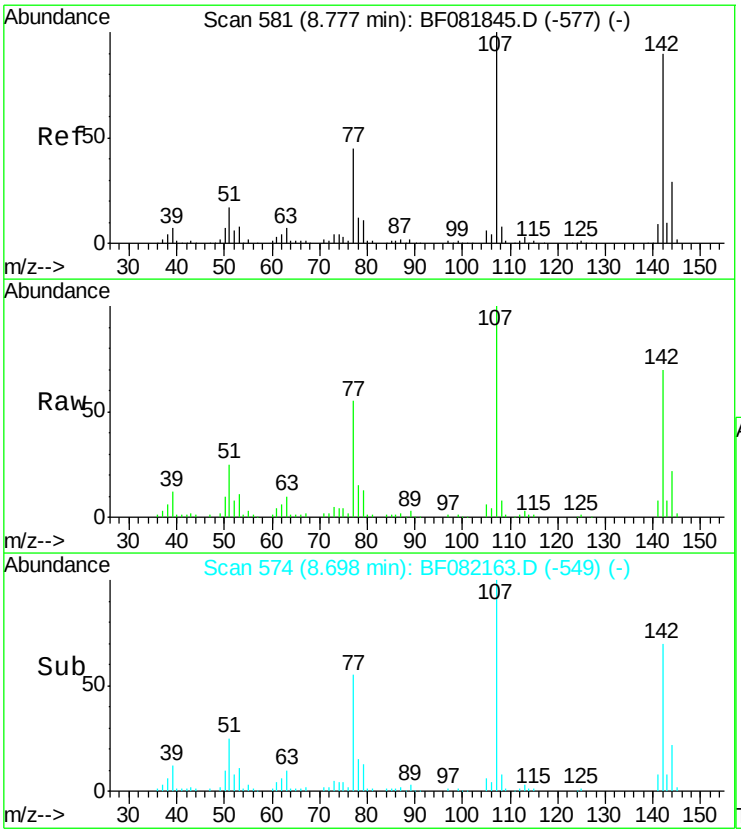
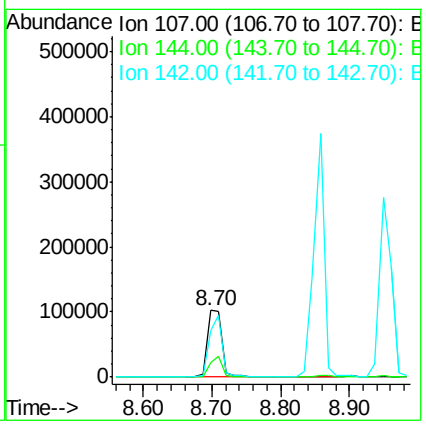
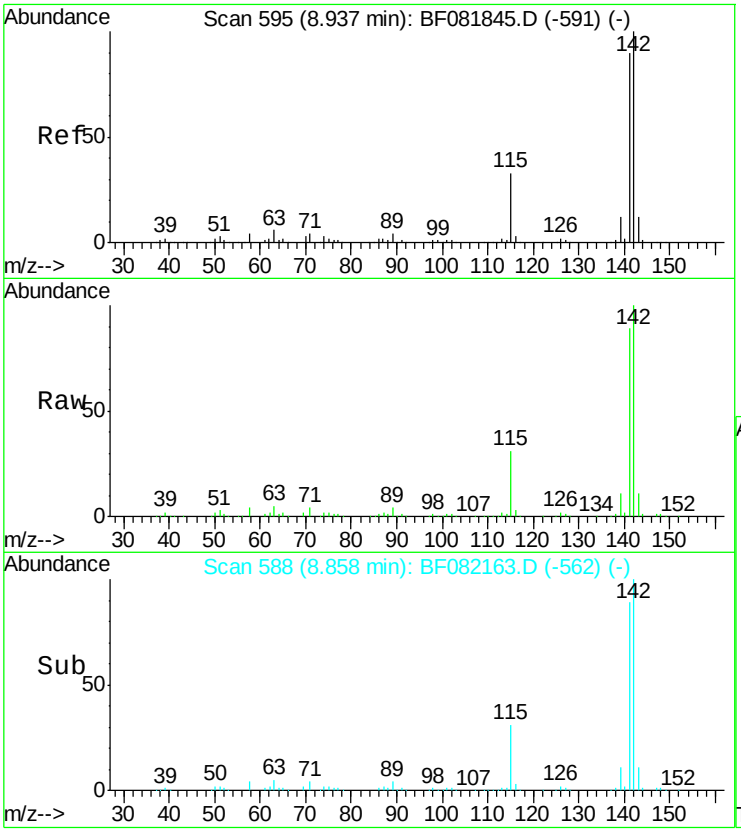


#36
4-Chloro-3-methylphenol
Concen: 35.19 ng
RT: 8.70 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:107 Resp: 157100

Ion	Ratio	Lower	Upper
107	100		
144	22.3	25.4	38.0#
142	69.7	77.3	115.9#





#37
2-Methylnaphthalene
Concen: 36.65 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:142 Resp: 379434

Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.5	101.3
115	31.0	18.2	27.2#

Instrument :
BNA_F
ClientSampleId :
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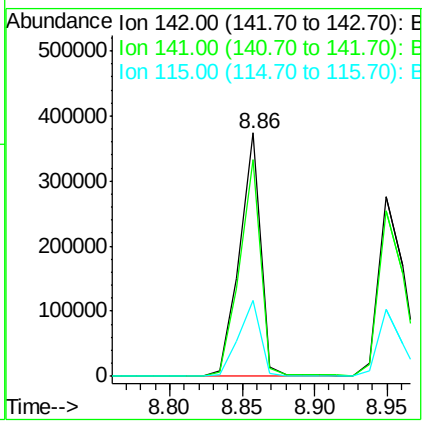
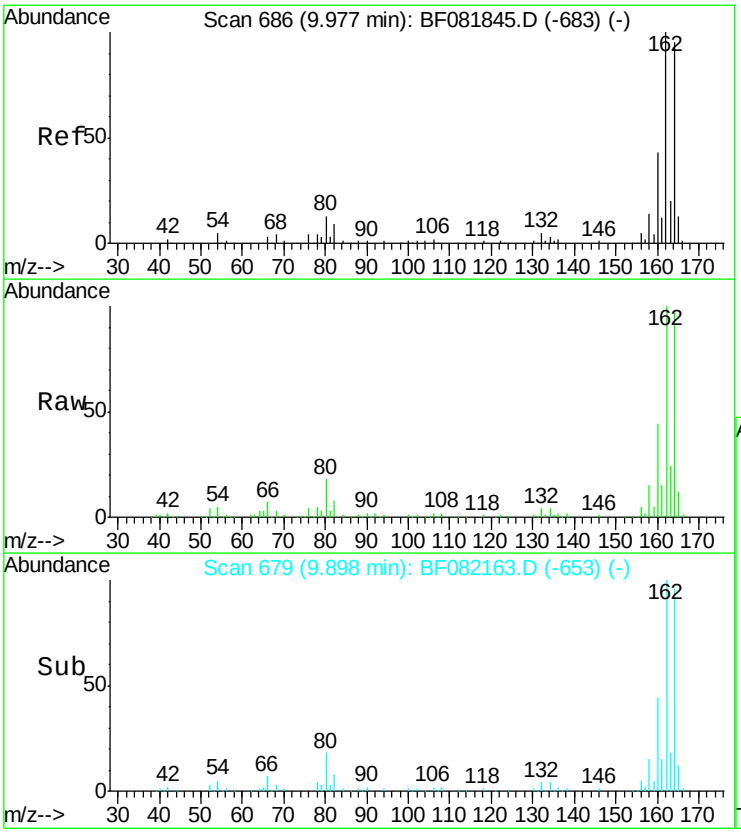
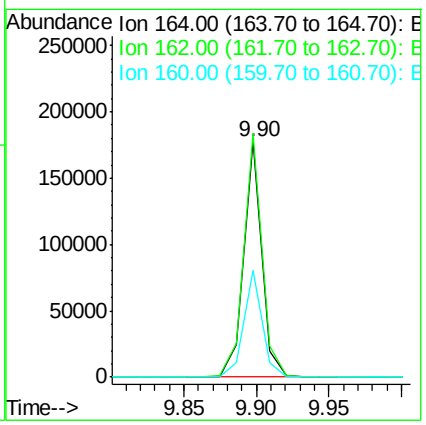


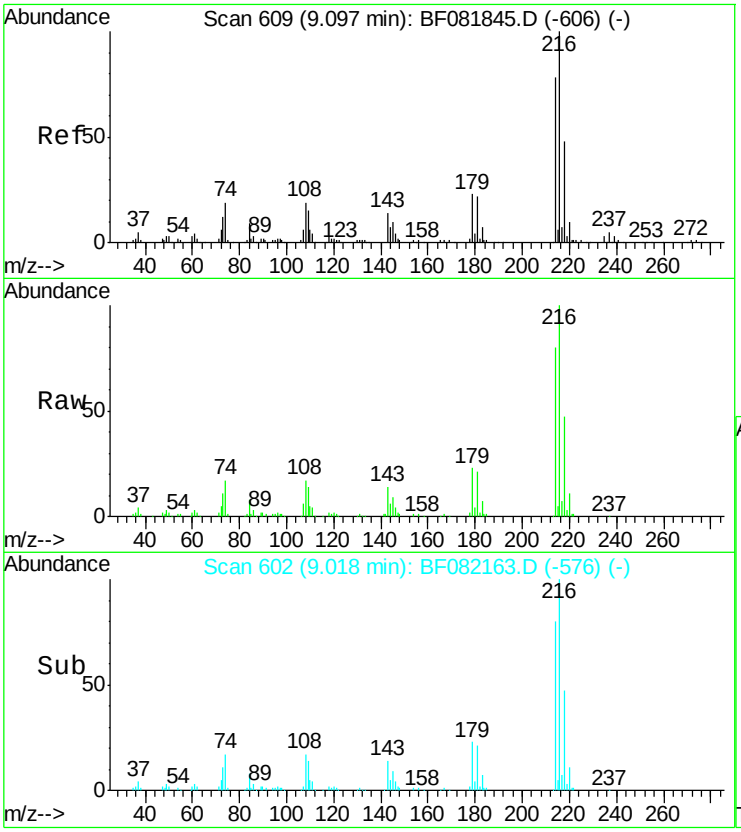


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:164 Resp: 153219

Ion	Ratio	Lower	Upper
164	100		
162	103.4	75.2	112.8
160	45.3	31.5	47.3

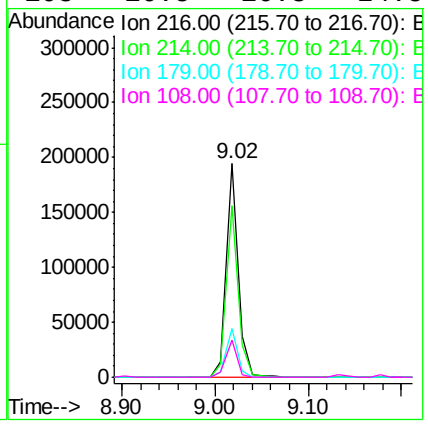




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.79 ng
RT: 9.02 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:216 Resp: 173066

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.5	95.3
179	21.8	16.6	24.8
108	16.5	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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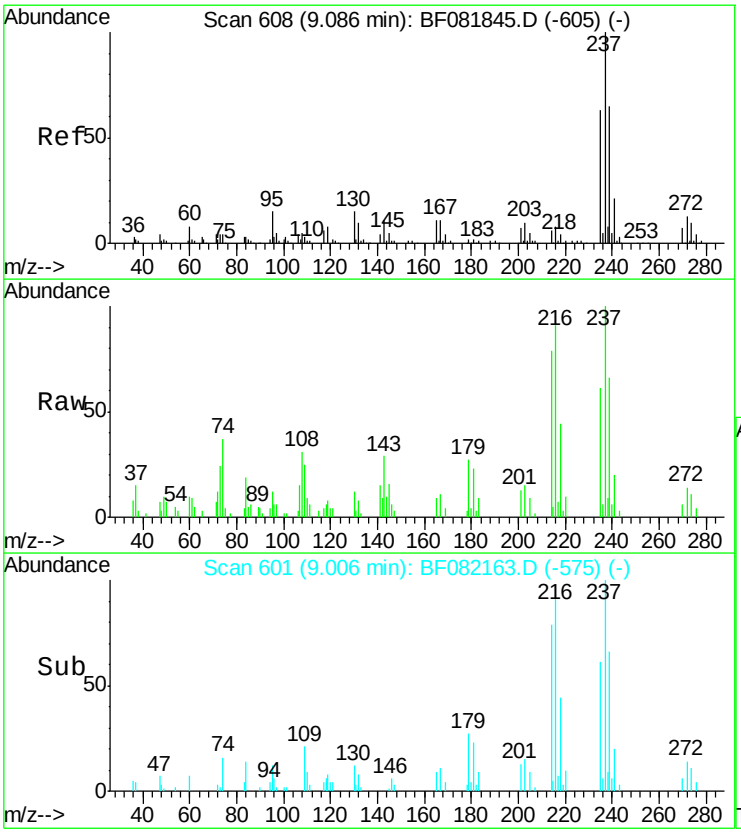
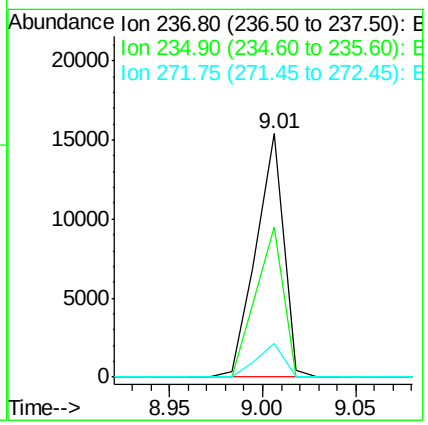
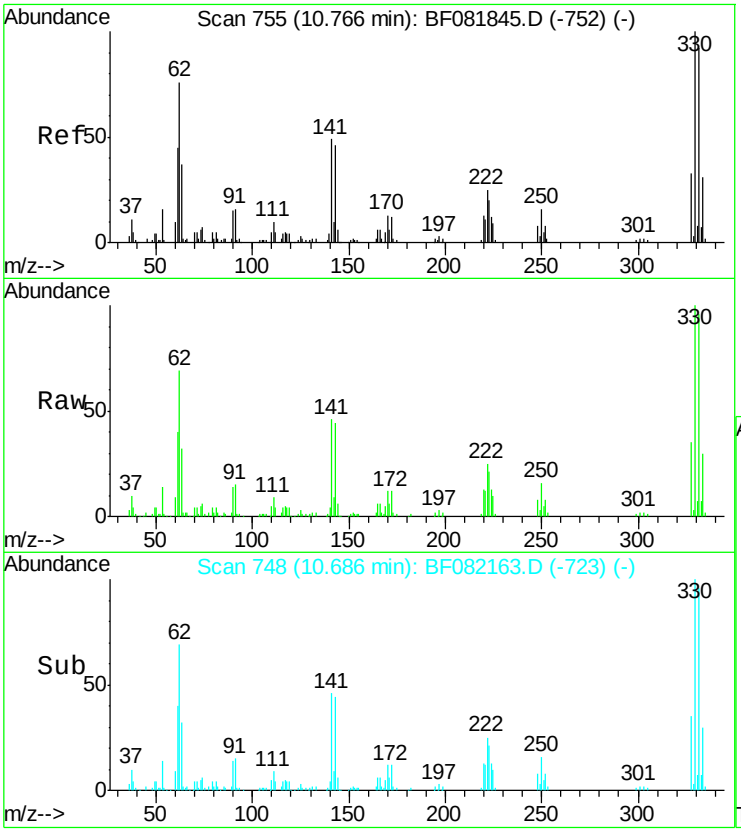


#40
Hexachlorocyclopentadiene
Concen: 6.50 ng
RT: 9.01 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:237 Resp: 15751

Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	13.7	0.0	36.1

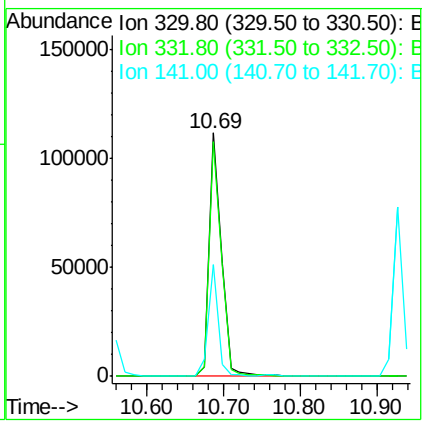




#41
2,4,6-Tribromophenol
Concen: 78.82 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:330 Resp: 122310

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	37.7	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
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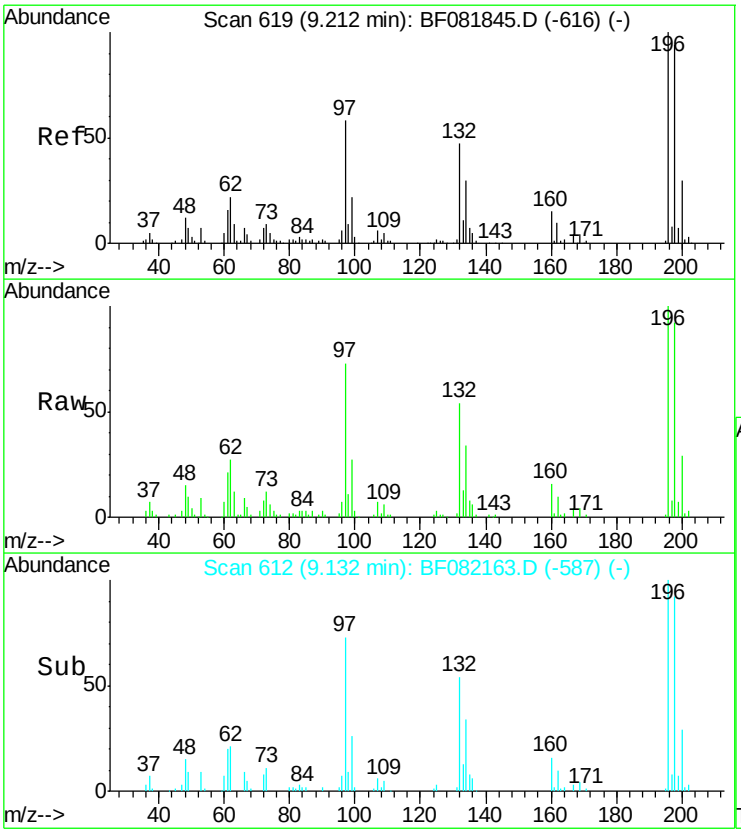
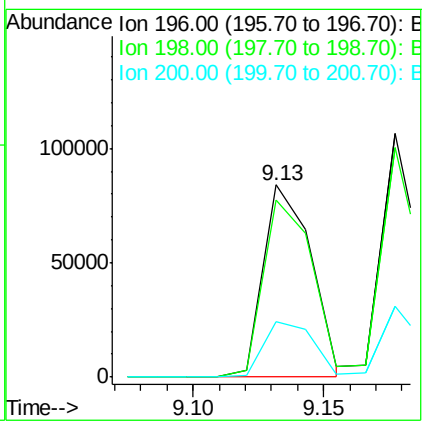
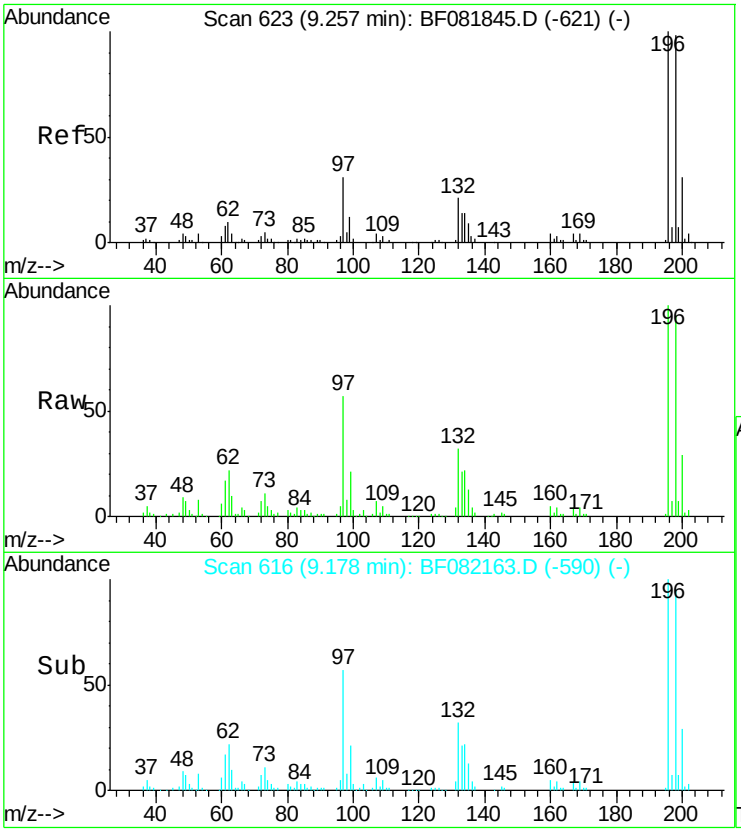


#42
2,4,6-Trichlorophenol
Concen: 33.24 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:196 Resp: 107189

Ion	Ratio	Lower	Upper
196	100		
198	92.0	75.7	113.5
200	29.0	23.9	35.9

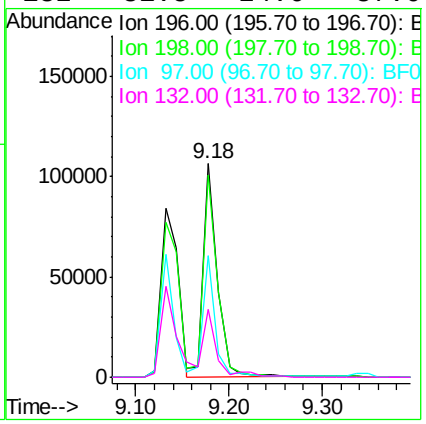




#43
2,4,5-Trichlorophenol
Concen: 34.23 ng
RT: 9.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:196 Resp: 113517

Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.4	113.0
97	57.0	33.3	49.9#
132	31.5	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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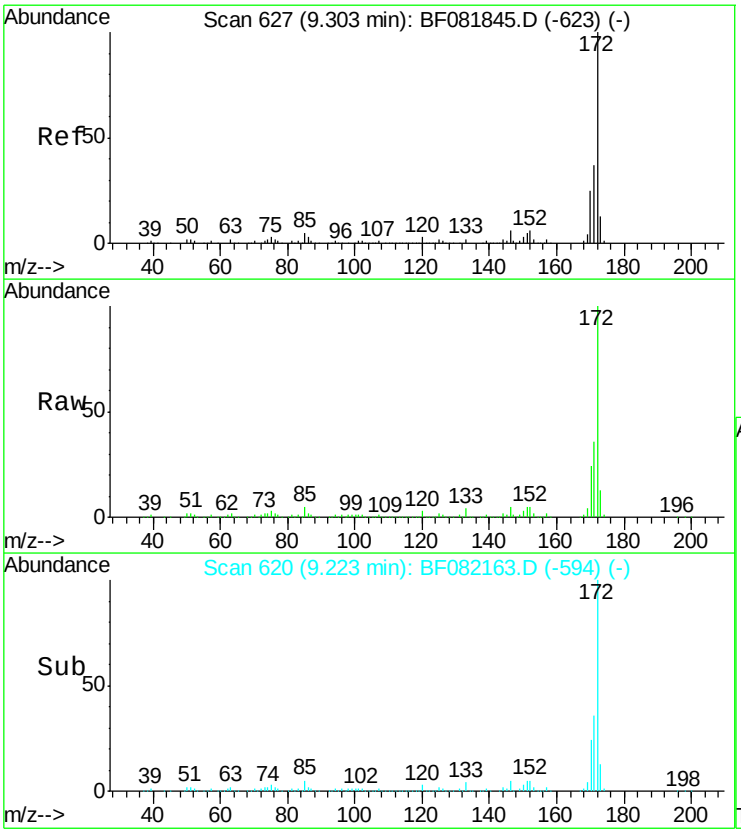
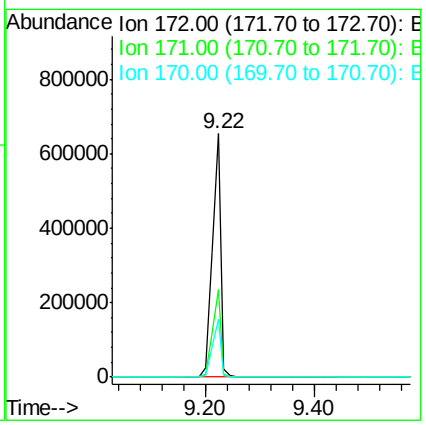
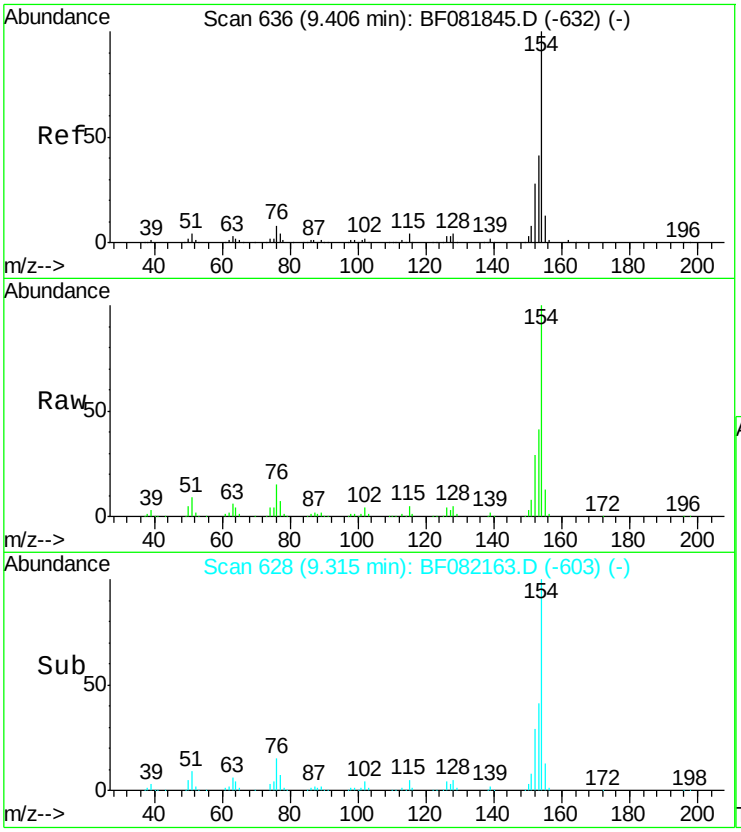


#44
2-Fluorobiphenyl
Concen: 77.36 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:172 Resp: 720814

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	23.8	17.4	26.2

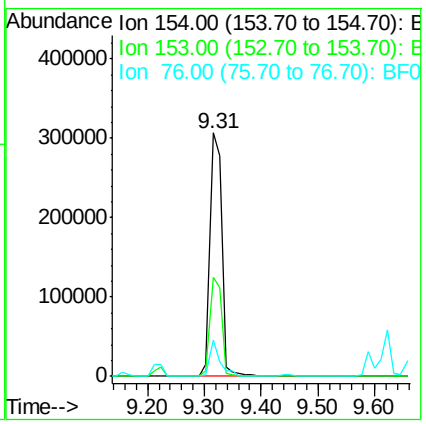




#45
1,1'-Biphenyl
Concen: 36.64 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:154 Resp: 433088

Ion	Ratio	Lower	Upper
154	100		
153	40.7	17.1	57.1
76	14.9	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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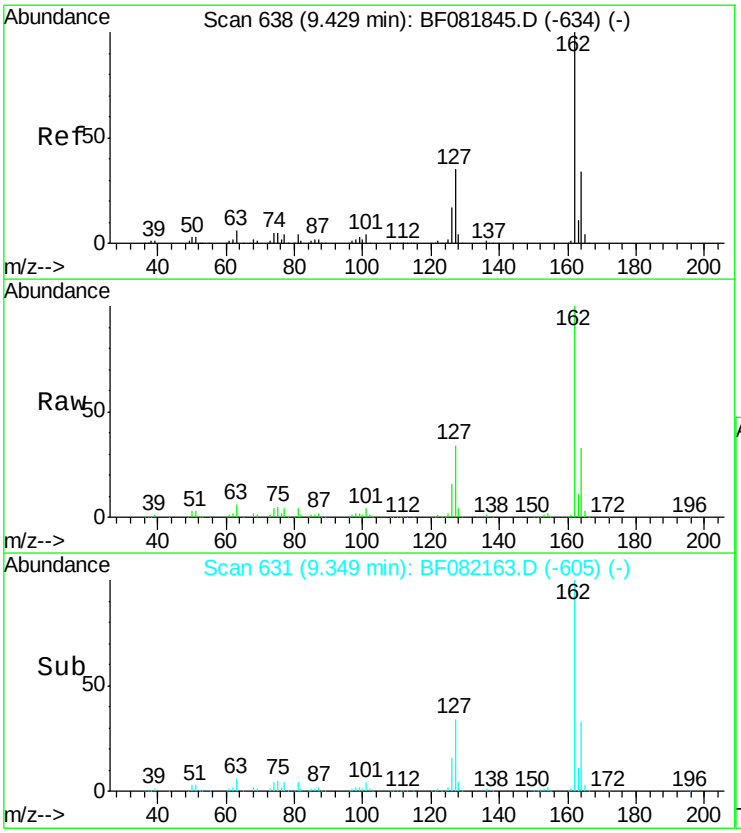
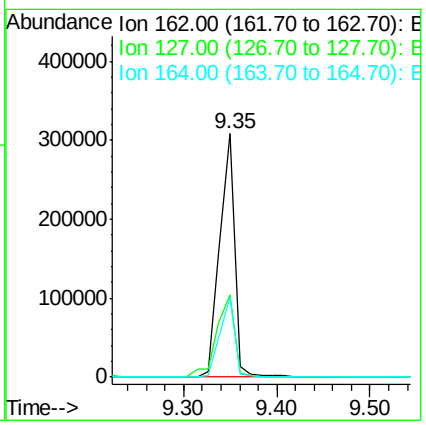
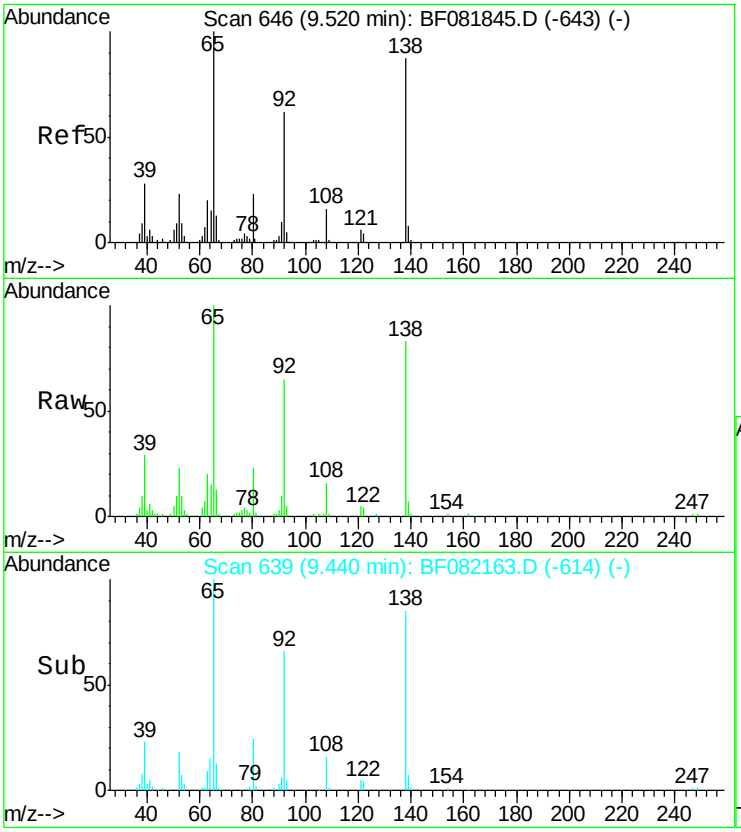


#46
2-Chloronaphthalene
Concen: 36.92 ng
RT: 9.35 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:162 Resp: 342650

Ion	Ratio	Lower	Upper
162	100		
127	33.6	27.6	41.4
164	32.9	25.4	38.2

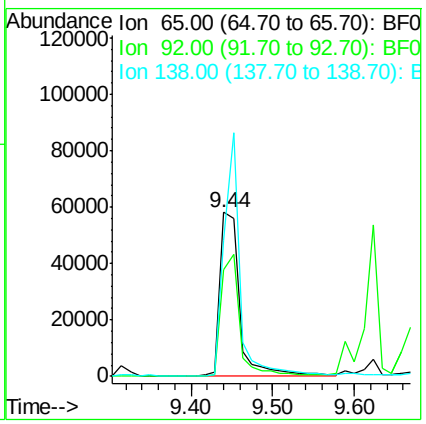




#47
2-Nitroaniline
Concen: 35.84 ng
RT: 9.44 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 65 Resp: 97657

Ion	Ratio	Lower	Upper
65	100		
92	64.8	55.4	83.0
138	83.1	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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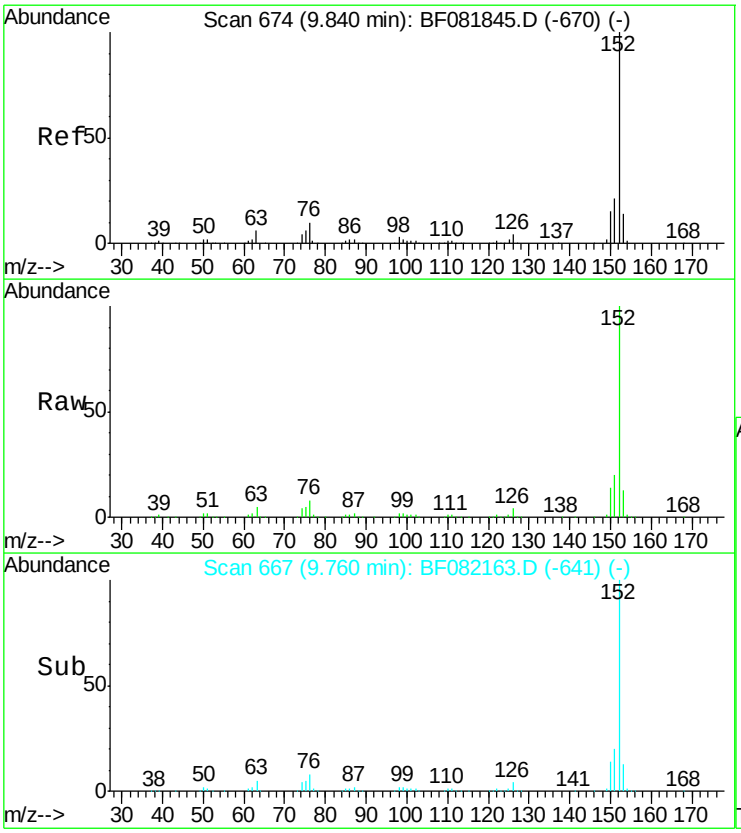
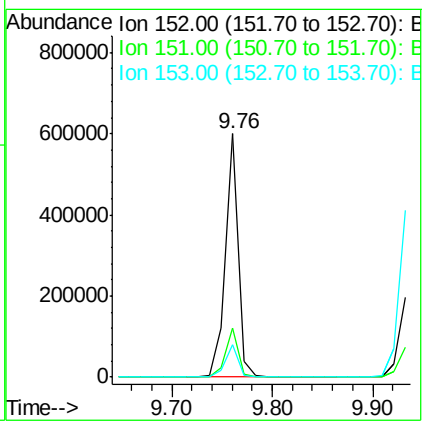
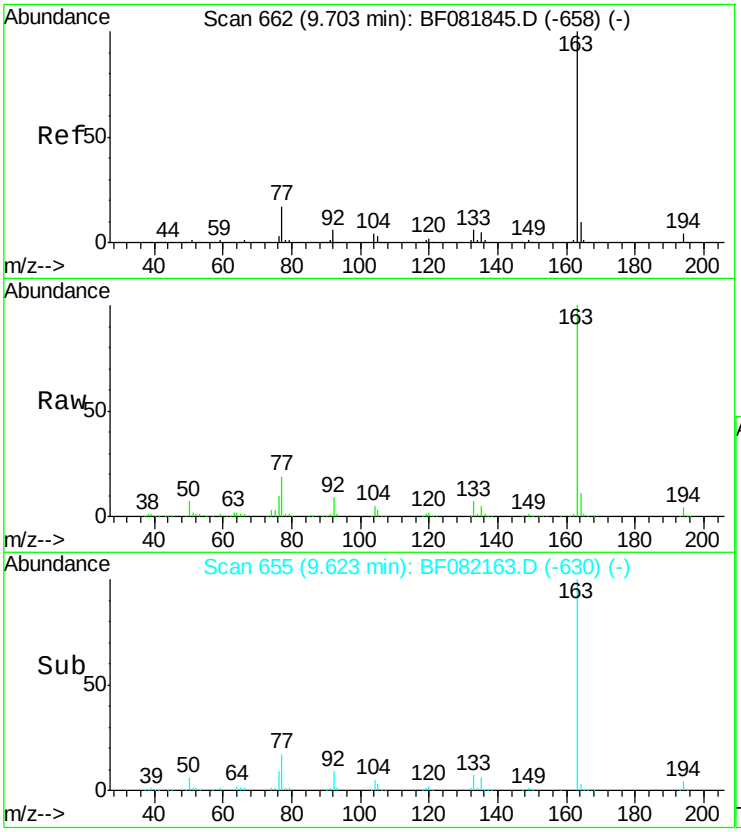


#48
Acenaphthylene
Concen: 35.83 ng
RT: 9.76 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:152 Resp: 532215

Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	13.1	10.3	15.5

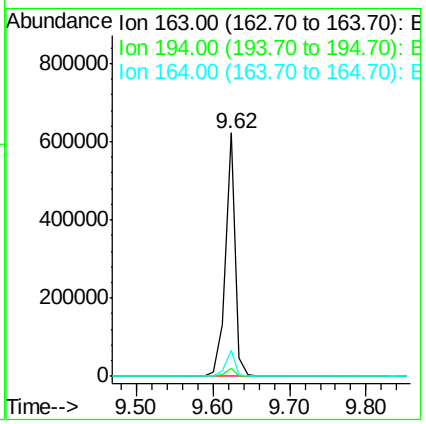




#49
Dimethylphthalate
Concen: 53.30 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:163 Resp: 563664

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.5	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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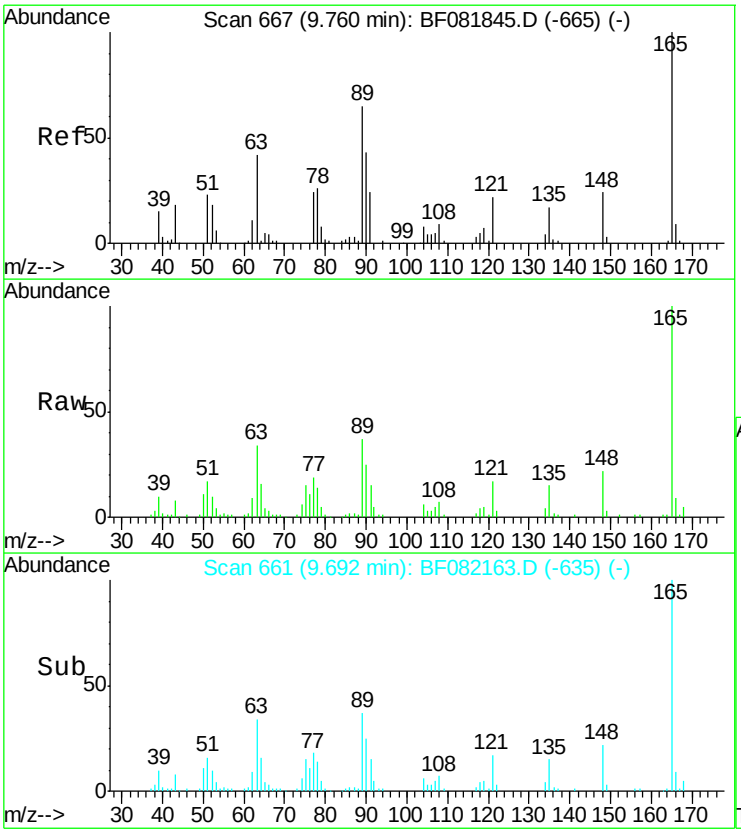
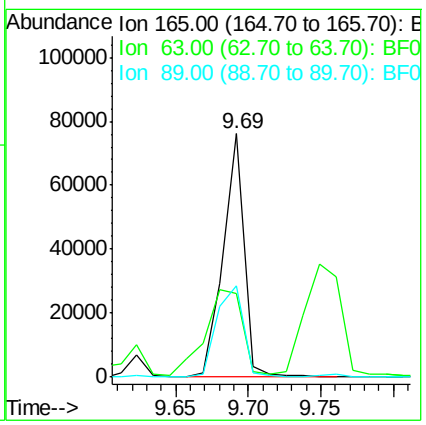
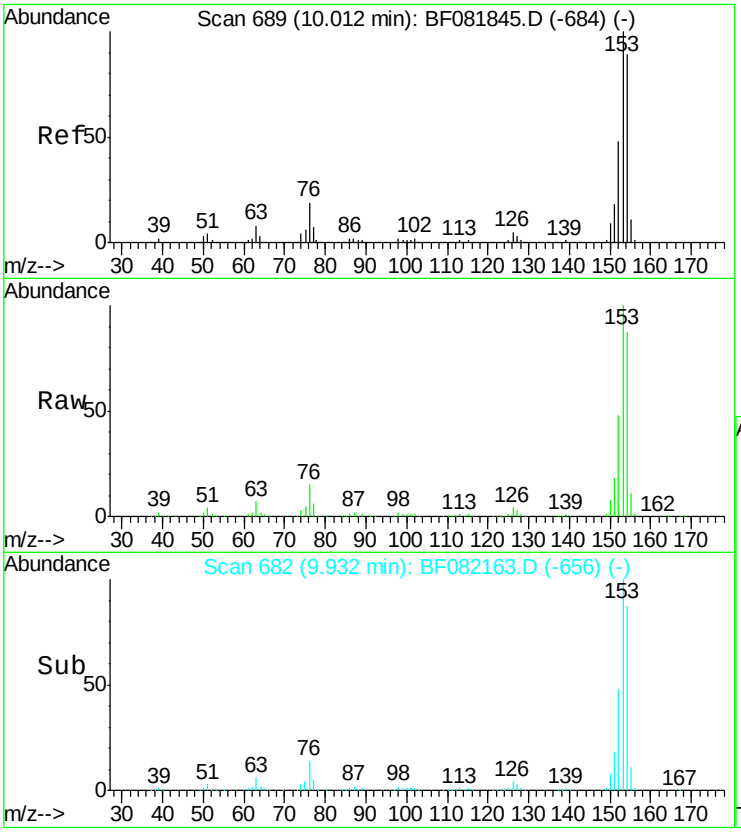


#50
2,6-Dinitrotoluene
Concen: 33.51 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:165 Resp: 76946

Ion	Ratio	Lower	Upper
165	100		
63	34.4	32.3	48.5
89	37.4	28.6	43.0

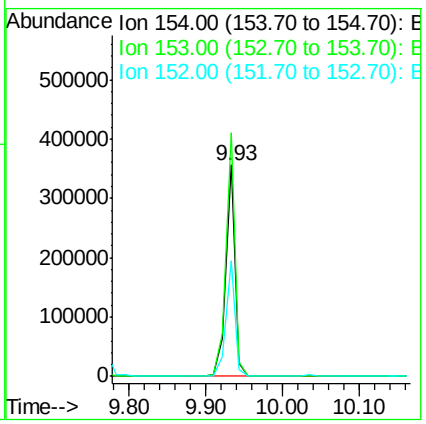




#51
Acenaphthene
Concen: 34.98 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:154 Resp: 308544

Ion	Ratio	Lower	Upper
154	100		
153	115.4	82.1	123.1
152	54.9	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
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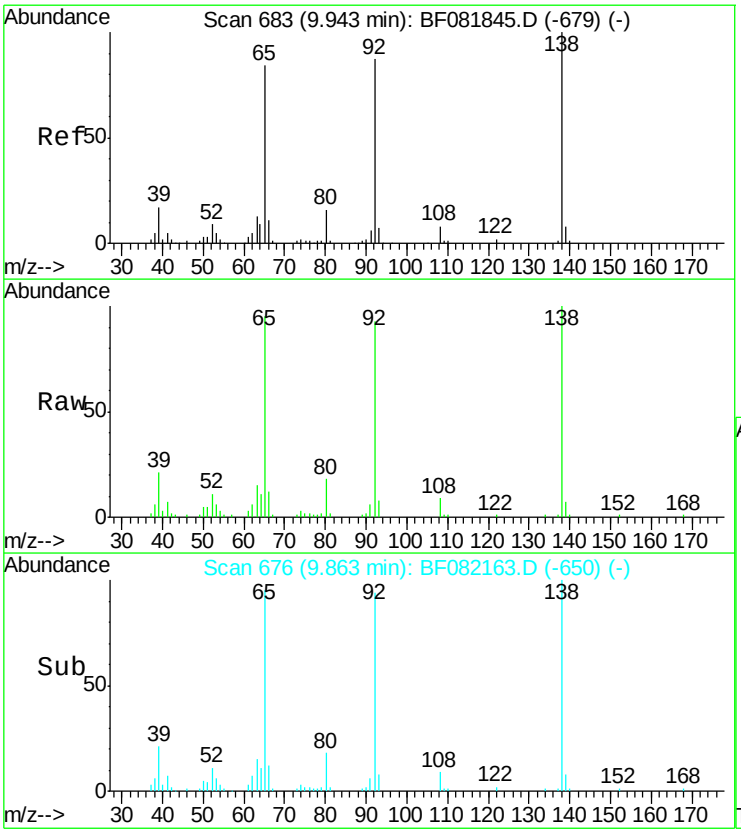
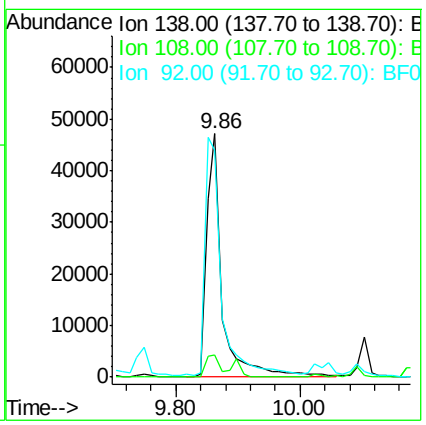
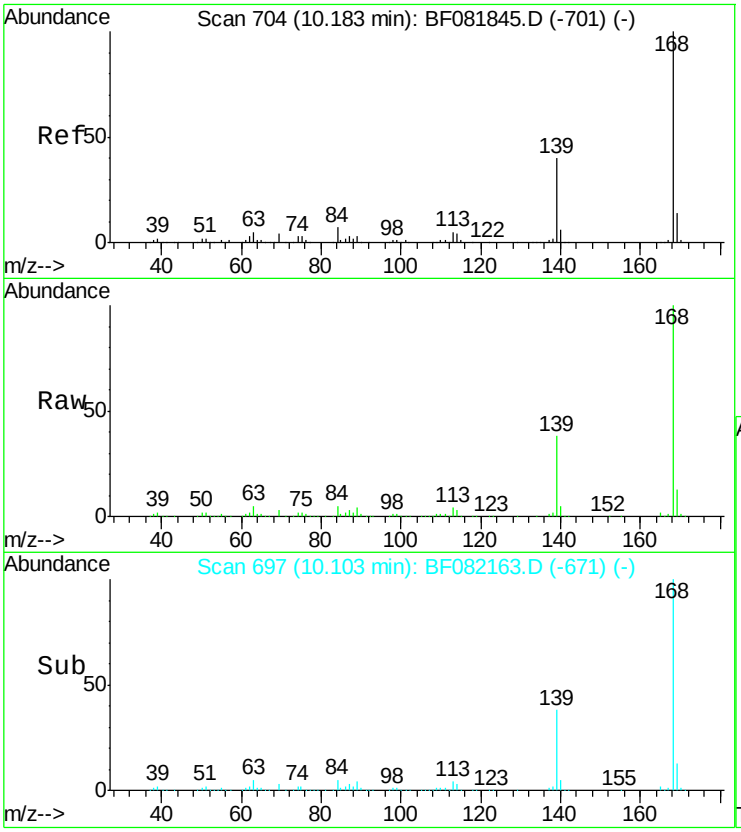


#52
3-Nitroaniline
Concen: 30.50 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:138 Resp: 81015

Ion	Ratio	Lower	Upper
138	100		
108	9.1	5.7	8.5#
92	93.3	67.7	101.5





#54
Dibenzofuran
Concen: 35.99 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:168 Resp: 448658

Ion	Ratio	Lower	Upper
168	100		
139	37.6	24.2	36.2#
169	13.4	10.6	15.8

Instrument :
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ClientSampleId :
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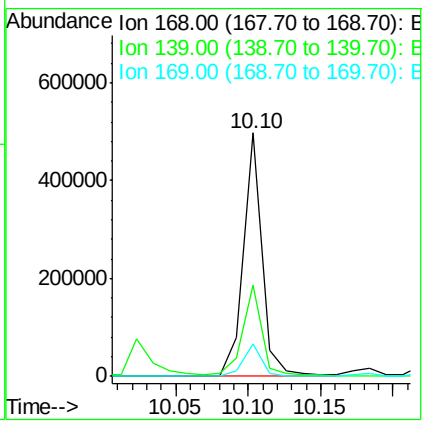
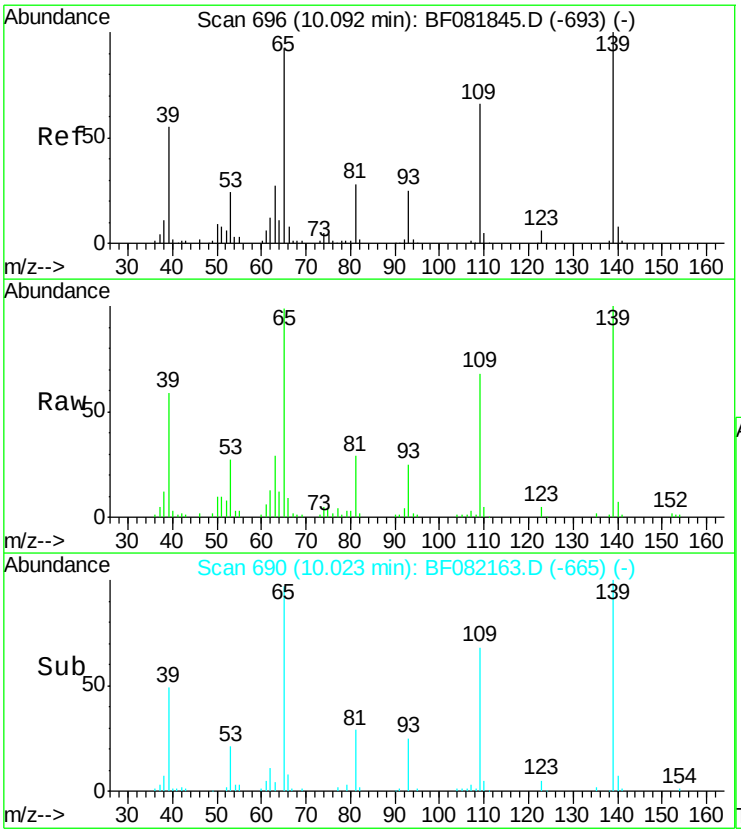
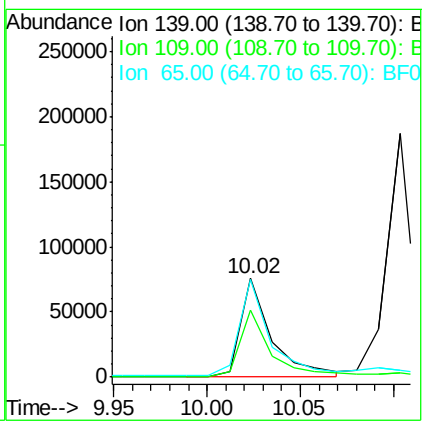


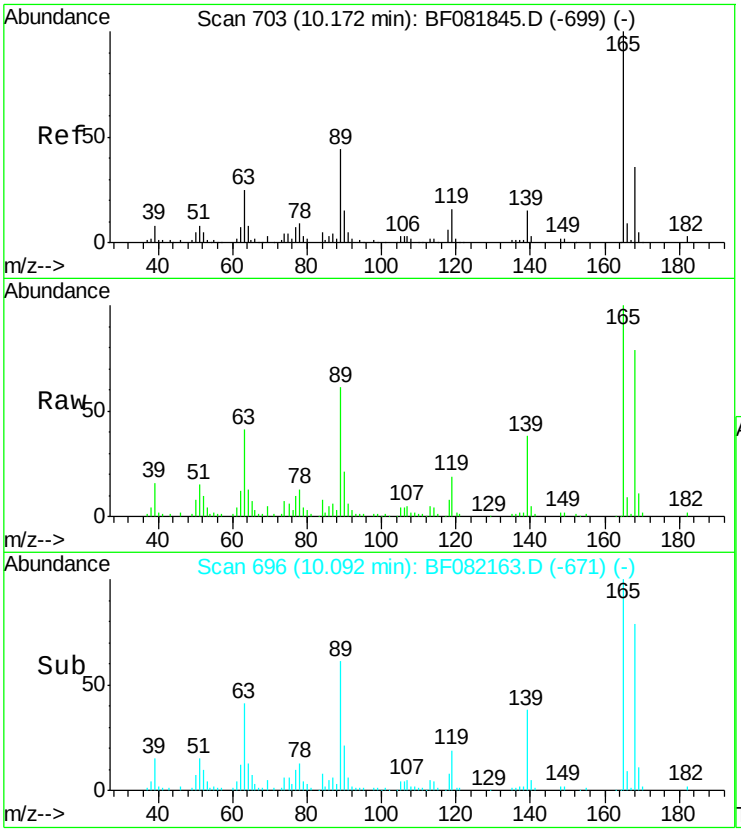


#55
4-Nitrophenol
Concen: 46.31 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:139 Resp: 88881

Ion	Ratio	Lower	Upper
139	100		
109	67.6	12.7	52.7#
65	98.8	45.9	85.9#

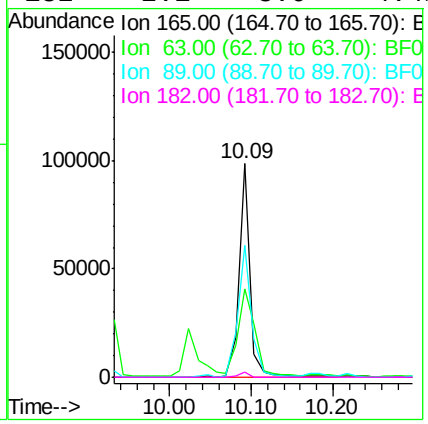




#56
2,4-Dinitrotoluene
Concen: 32.20 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:165 Resp: 94251

Ion	Ratio	Lower	Upper
165	100		
63	41.3	29.8	44.6
89	61.4	44.5	66.7
182	2.1	3.0	4.4#



Instrument :
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ClientSampleId :
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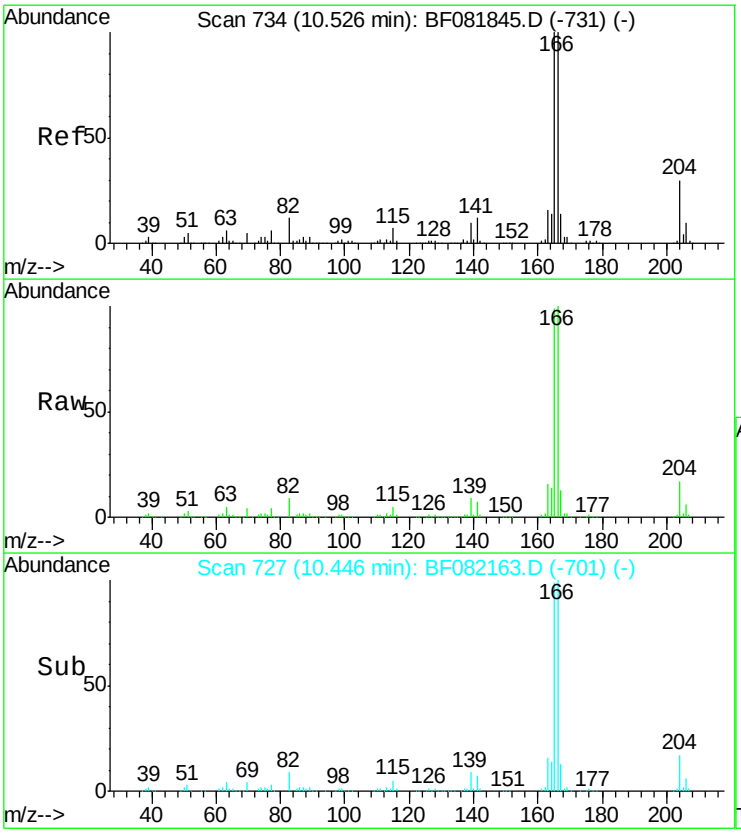
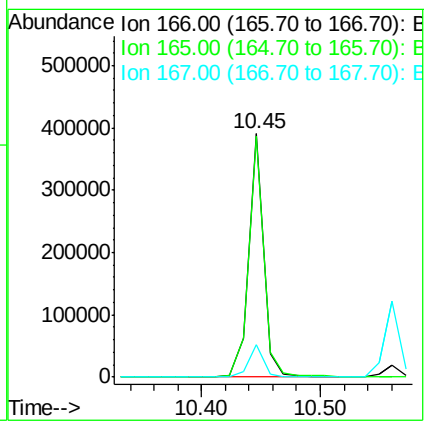
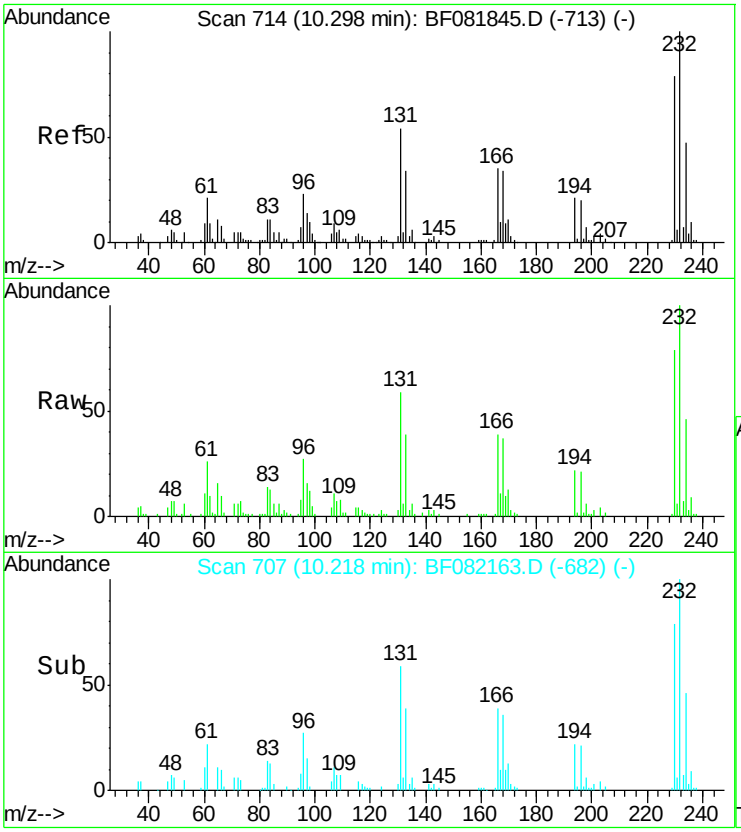


#57
Fluorene
Concen: 38.70 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:166 Resp: 347744

Ion	Ratio	Lower	Upper
166	100		
165	98.9	72.6	109.0
167	13.4	10.6	16.0

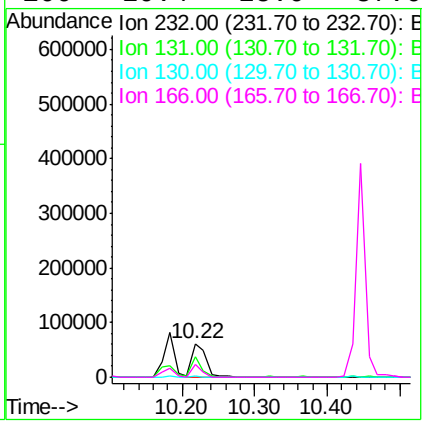




#58
2,3,4,6-Tetrachlorophenol
Concen: 32.17 ng
RT: 10.22 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:232 Resp: 84625

Ion	Ratio	Lower	Upper
232	100		
131	40.7	38.5	57.7
130	1.9	1.8	2.6
166	29.4	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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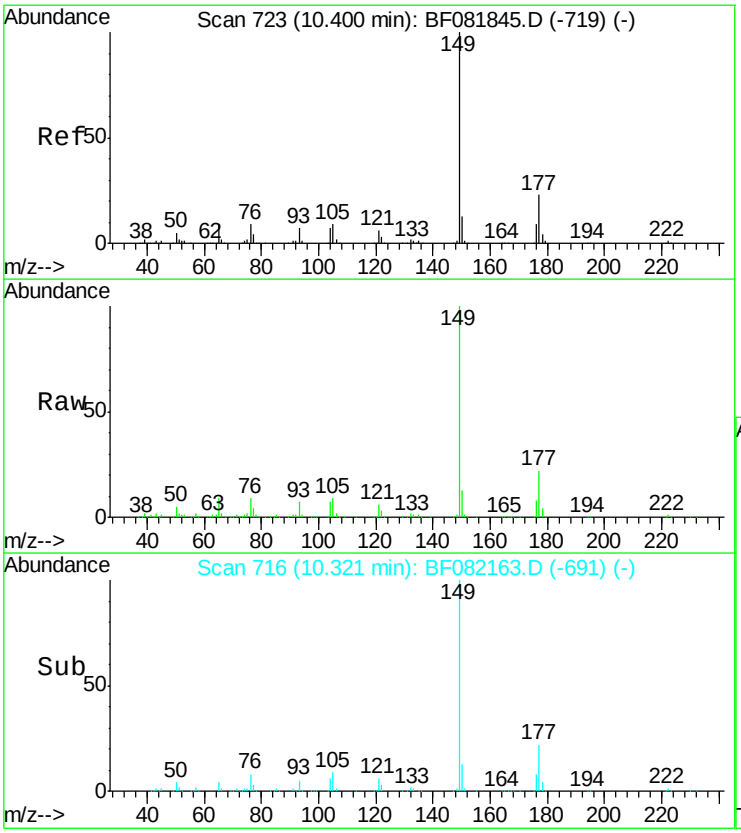
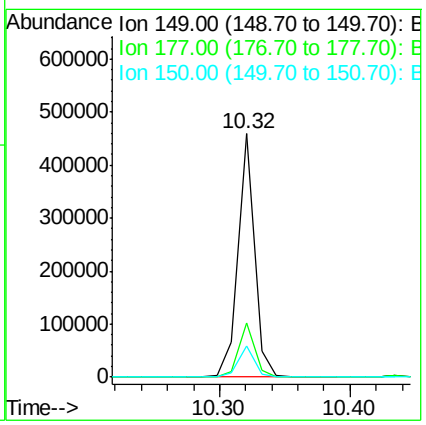
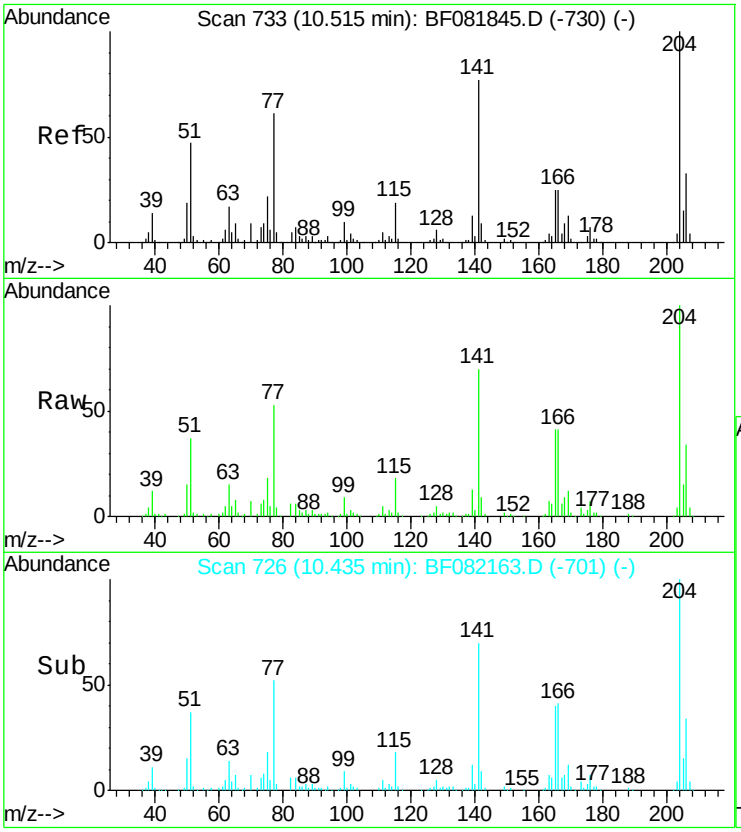


#59
Diethylphthalate
Concen: 40.26 ng
RT: 10.32 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:149 Resp: 397688

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	12.7	9.4	14.2





#60
4-Chlorophenyl-phenylether
Concen: 34.78 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:204 Resp: 158762

Ion	Ratio	Lower	Upper
204	100		
206	33.8	24.8	37.2
141	69.7	42.2	63.4#

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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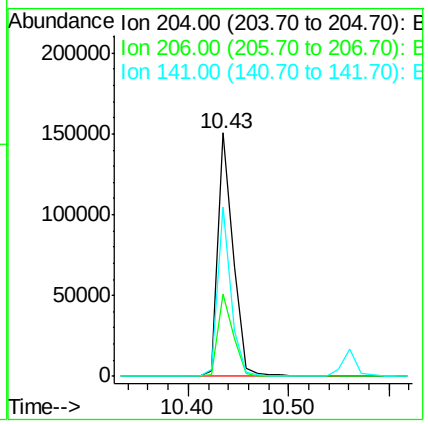
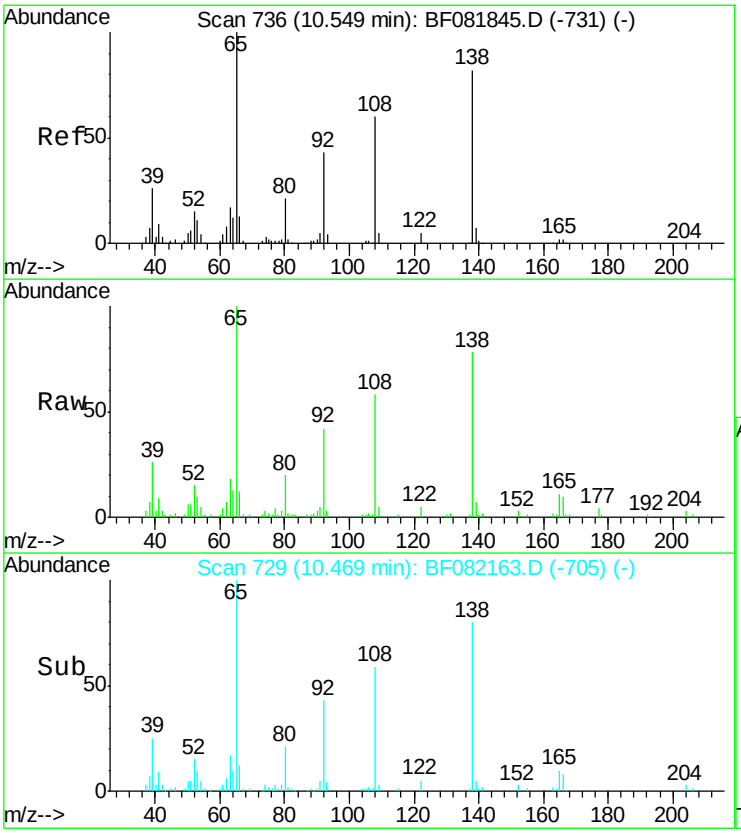
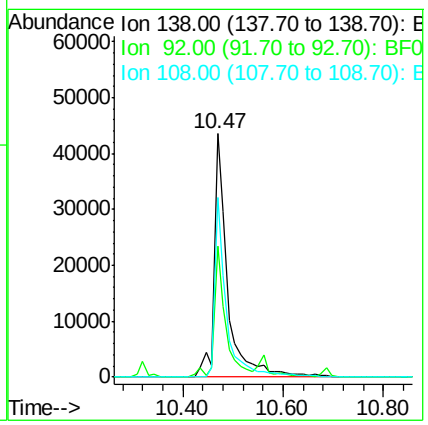


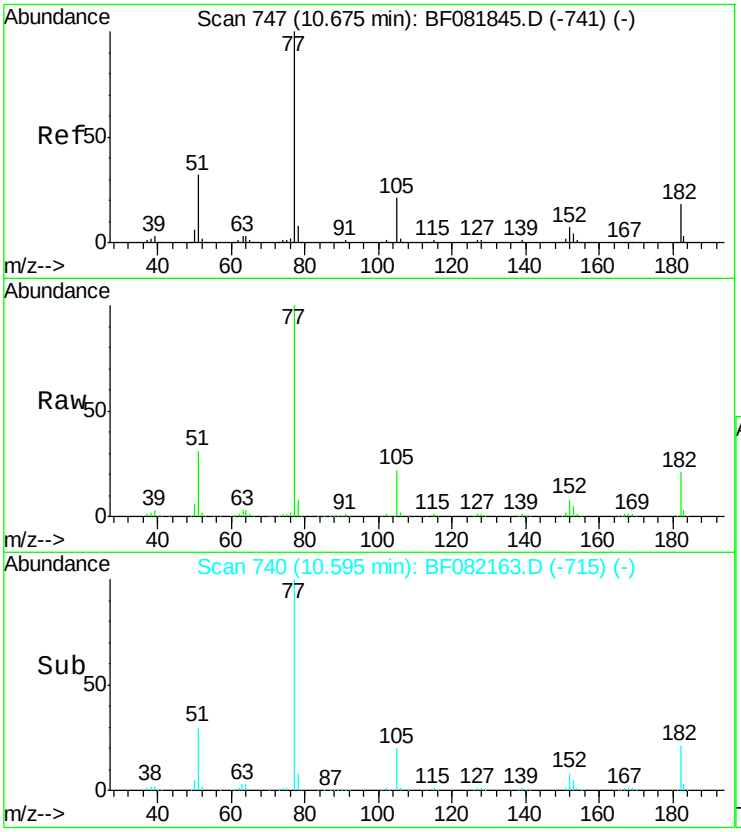


#61
4-Nitroaniline
Concen: 30.27 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:138 Resp: 80637

Ion	Ratio	Lower	Upper
138	100		
92	53.9	12.6	52.6#
108	73.6	12.4	52.4#

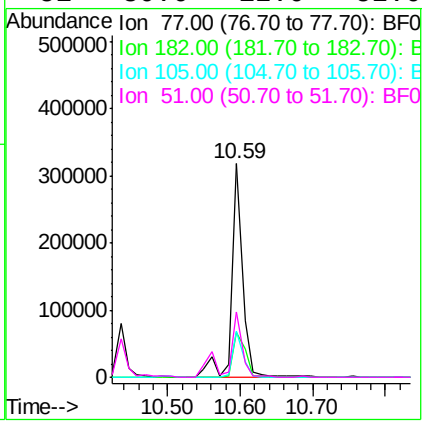




#62
Azobenzene
Concen: 34.61 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion: 77 Resp: 333707

Ion	Ratio	Lower	Upper
77	100		
182	21.0	15.1	55.1
105	21.8	3.4	43.4
51	30.6	12.0	52.0



Instrument :
BNA_F
ClientSampleId :
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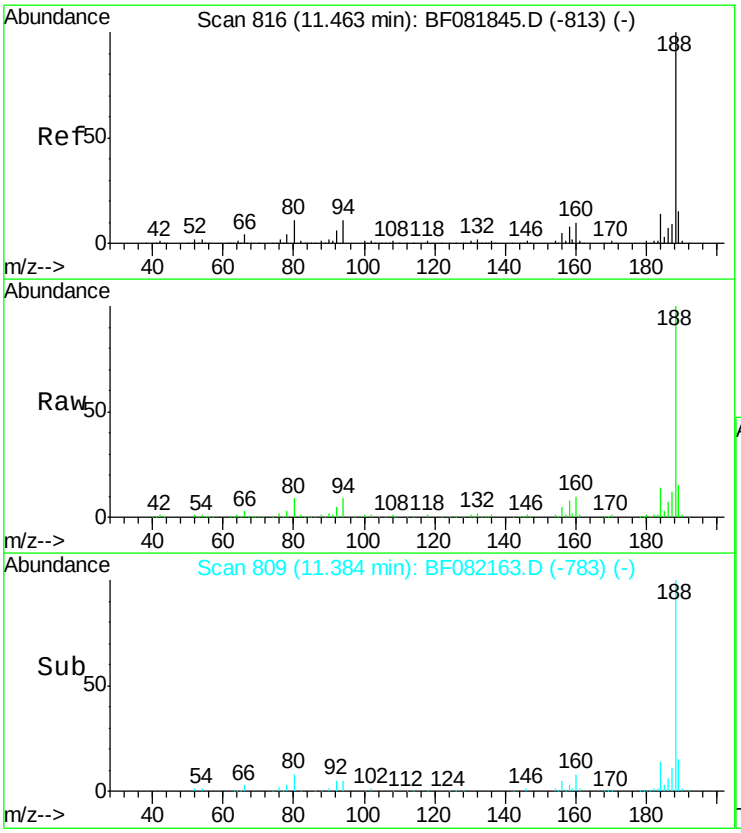
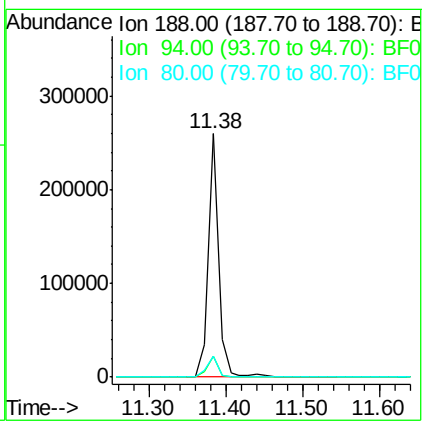
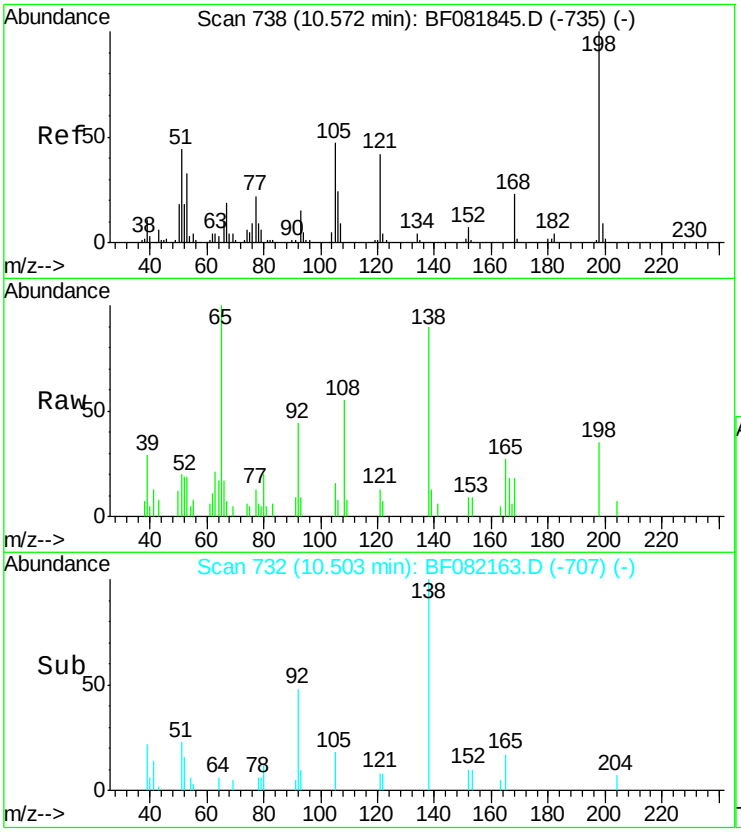


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:188 Resp: 241978

Ion	Ratio	Lower	Upper
188	100		
94	8.6	11.1	16.7#
80	8.7	11.0	16.4#

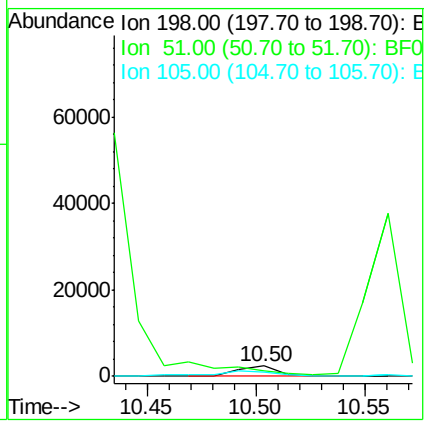




#64
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:198 Resp: 3088

Ion	Ratio	Lower	Upper
198	100		
51	58.1	39.6	79.6
105	45.2	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
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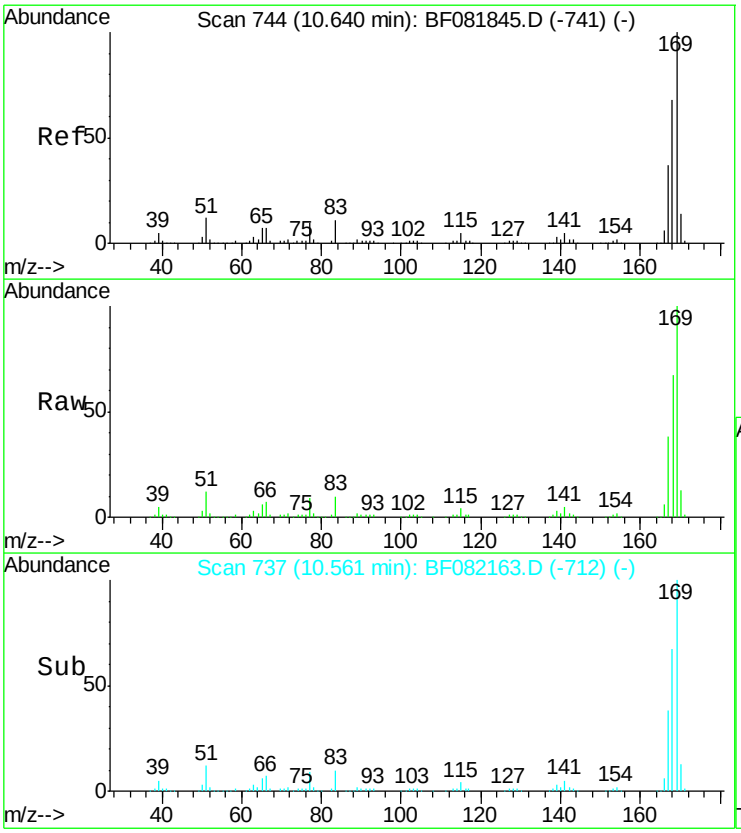
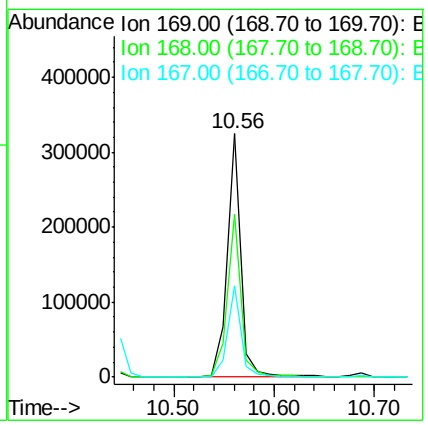
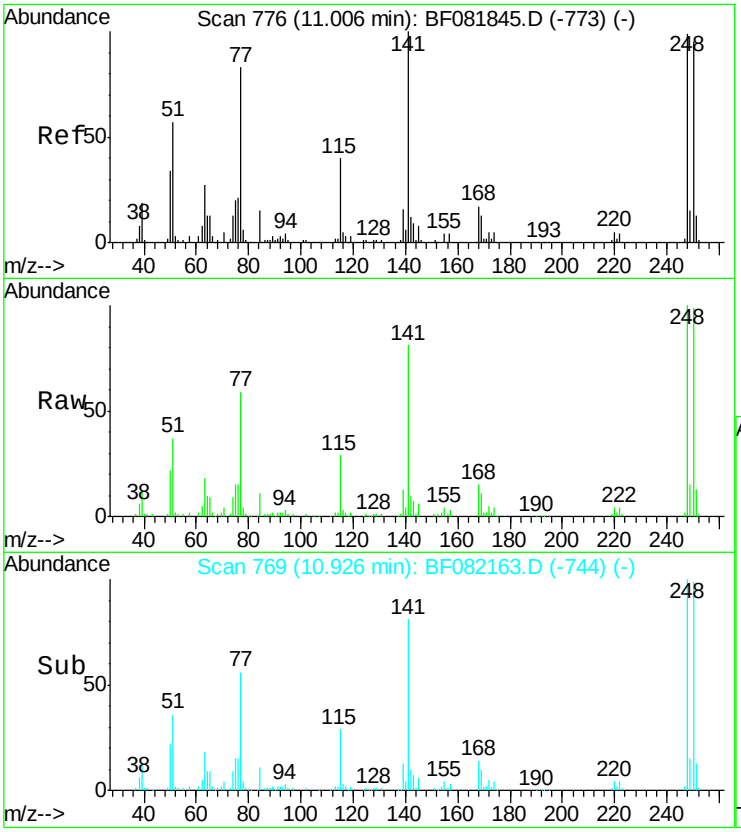


#65
n-Nitrosodiphenylamine
Concen: 42.00 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:169 Resp: 307519

Ion	Ratio	Lower	Upper
169	100		
168	67.2	48.9	73.3
167	37.7	26.2	39.4

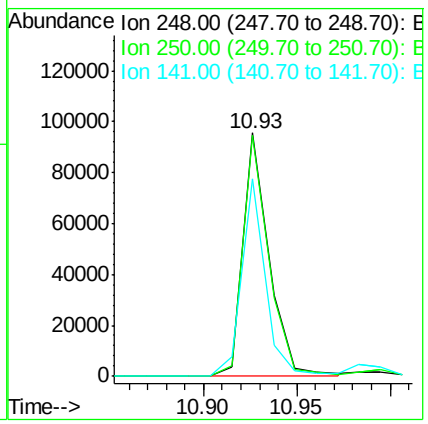




#66
4-Bromophenyl-phenylether
Concen: 38.49 ng
RT: 10.93 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:248 Resp: 93907

Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.5	117.7
141	81.2	59.0	88.6



Instrument :
BNA_F
ClientSampleId :
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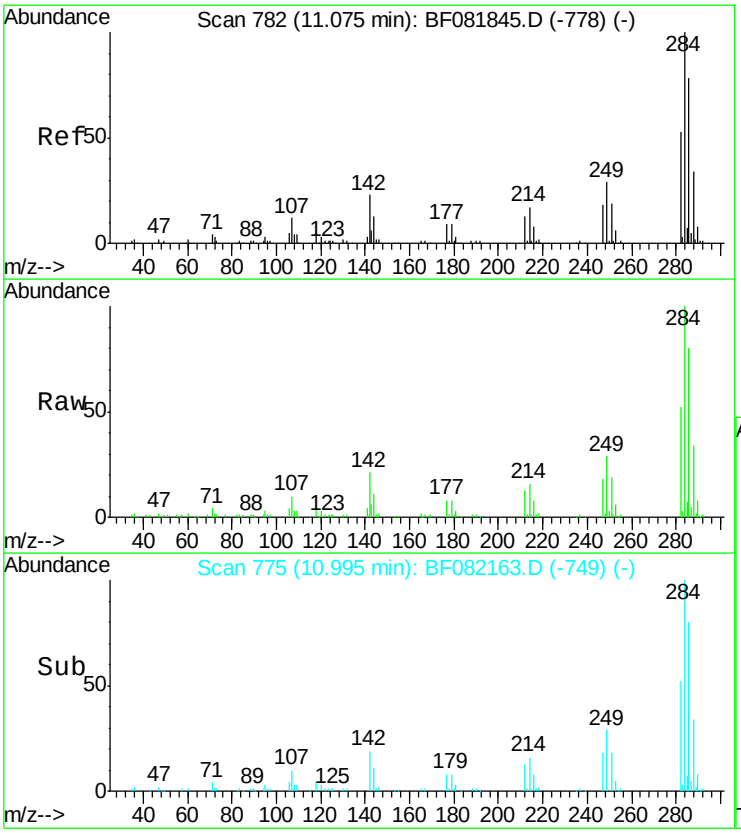
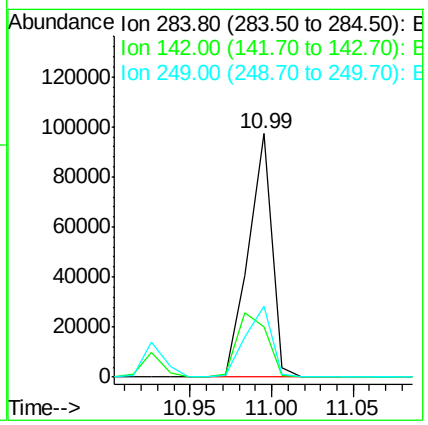
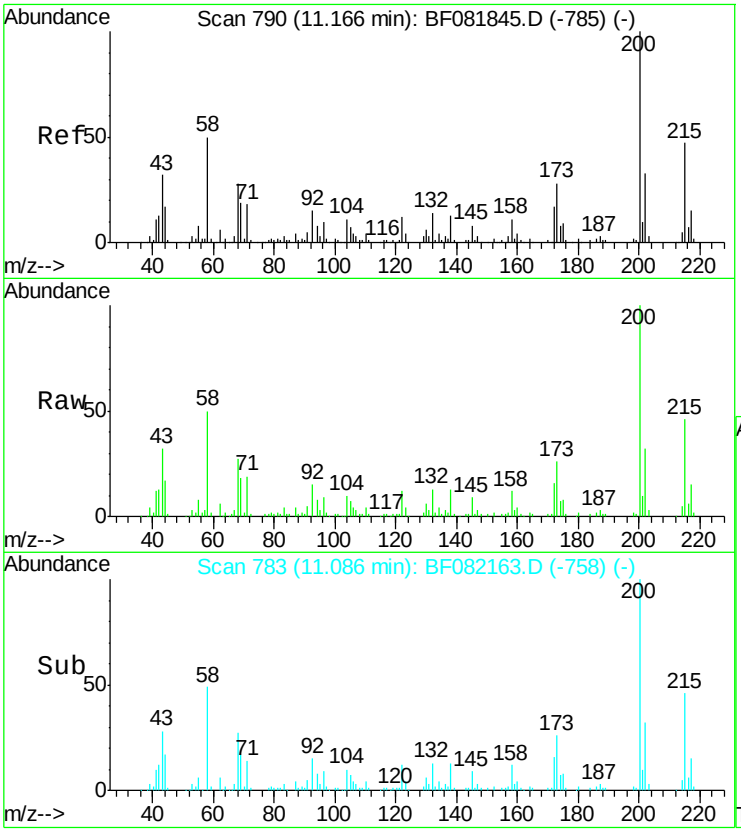


#67
Hexachlorobenzene
Concen: 35.47 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:284 Resp: 97664

Ion	Ratio	Lower	Upper
284	100		
142	20.7	29.5	44.3#
249	29.2	19.5	29.3

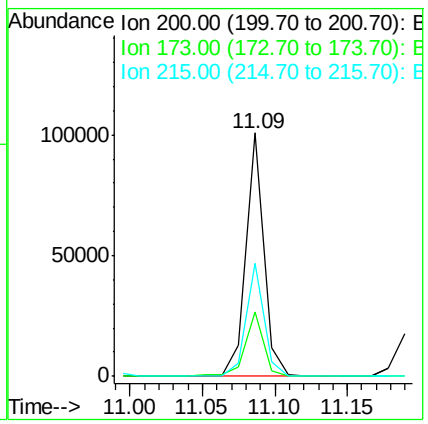




#68
Atrazine
Concen: 38.48 ng
RT: 11.09 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:200 Resp: 87402

Ion	Ratio	Lower	Upper
200	100		
173	26.5	13.2	53.2
215	46.4	41.8	81.8



Instrument :
BNA_F
ClientSampleId :
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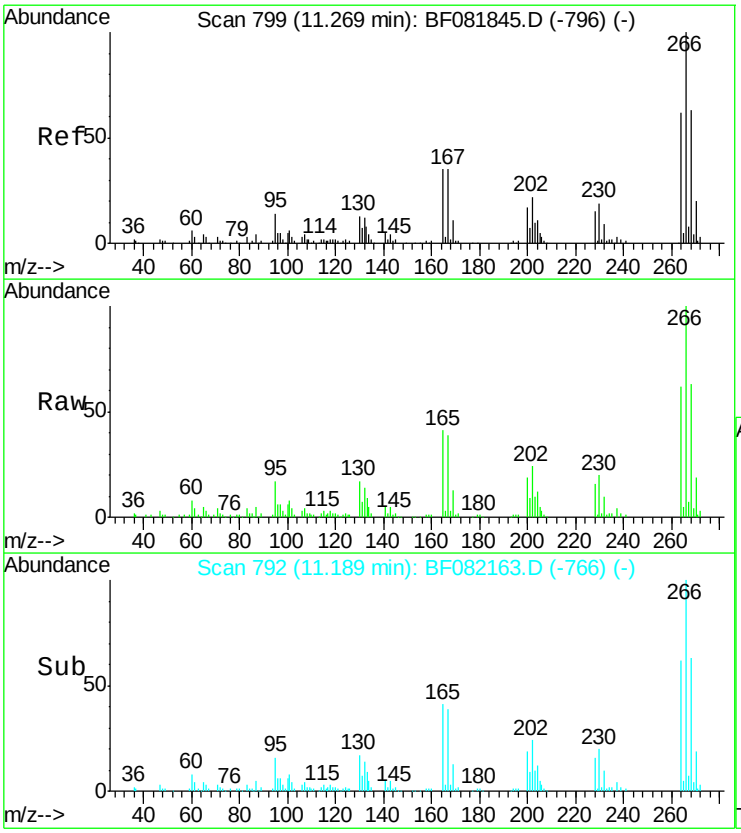
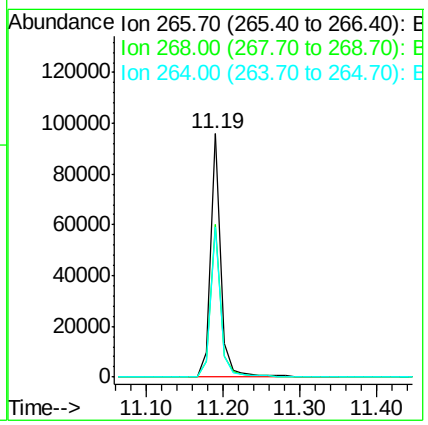
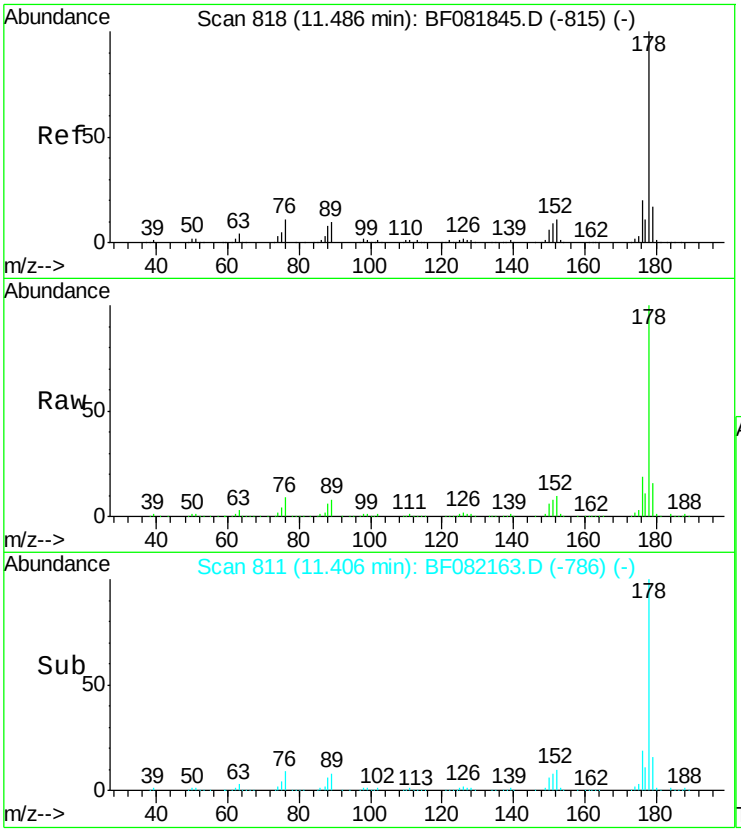


#69
Pentachlorophenol
Concen: 56.22 ng
RT: 11.19 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:266 Resp: 88207

Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.8	74.6
264	61.8	50.2	75.2

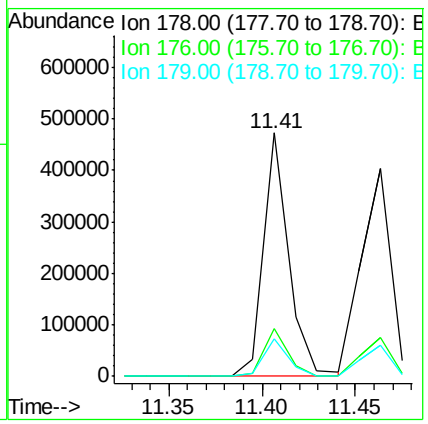




#70
Phenanthrene
Concen: 37.45 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:178 Resp: 439399

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.7	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
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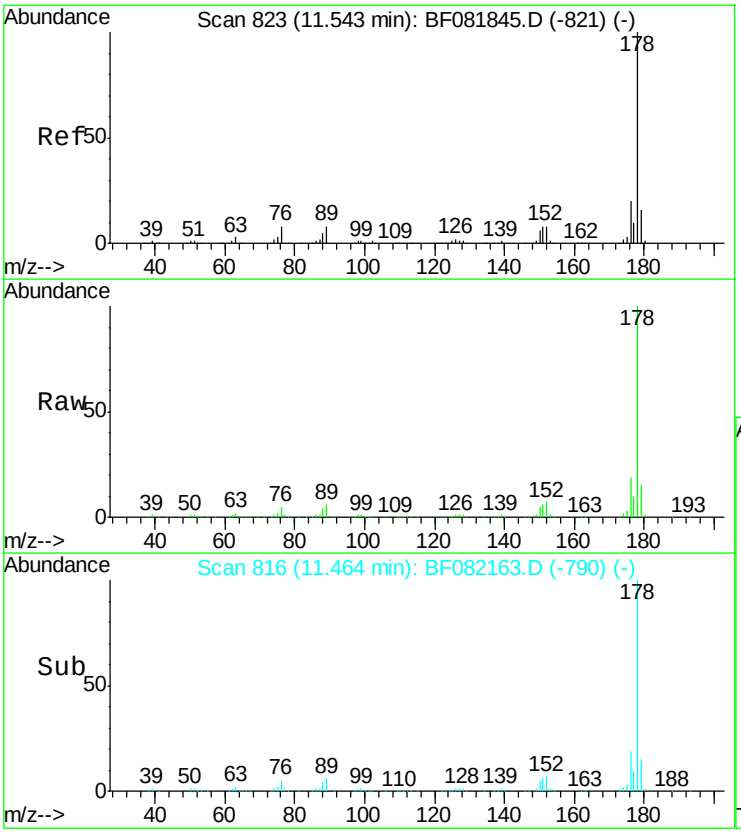
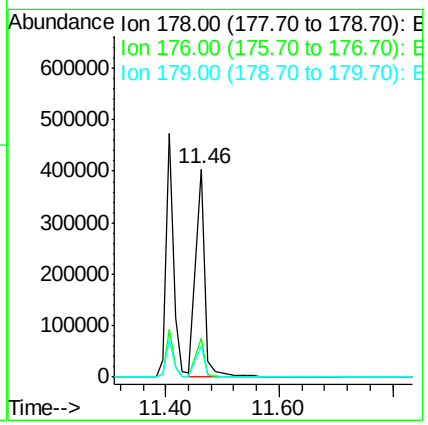
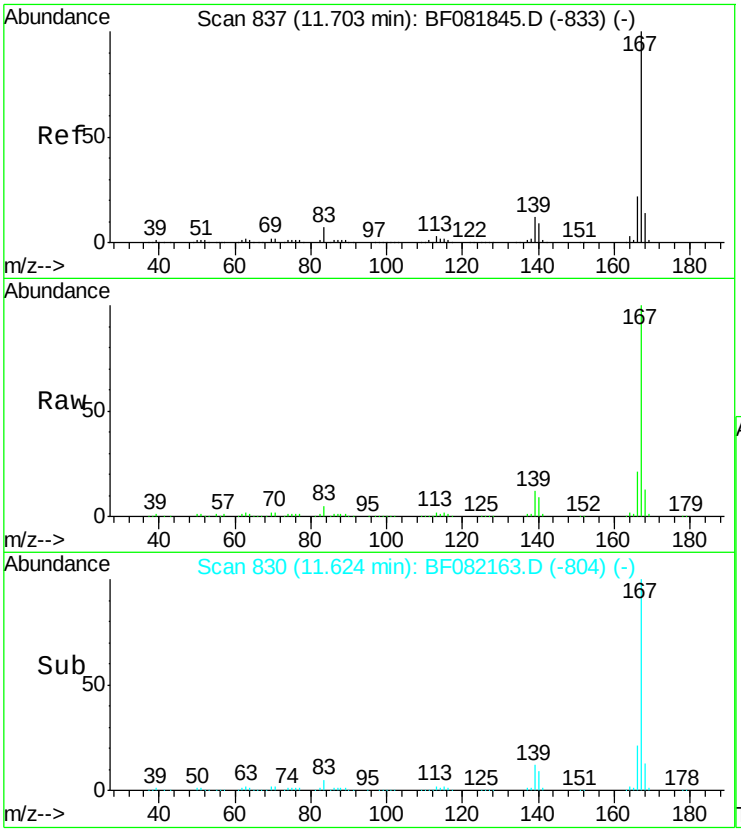


#71
Anthracene
Concen: 37.98 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:178 Resp: 467106

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	15.2	12.2	18.2

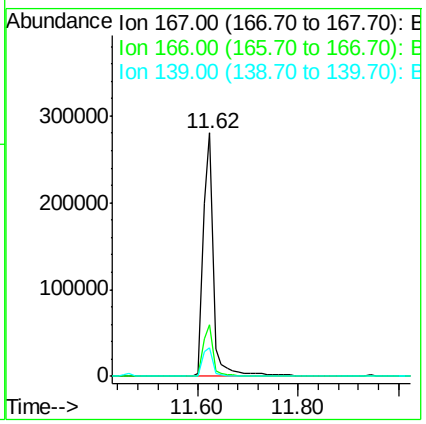




#72
Carbazole
Concen: 35.46 ng
RT: 11.62 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:167 Resp: 394680

Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	11.6	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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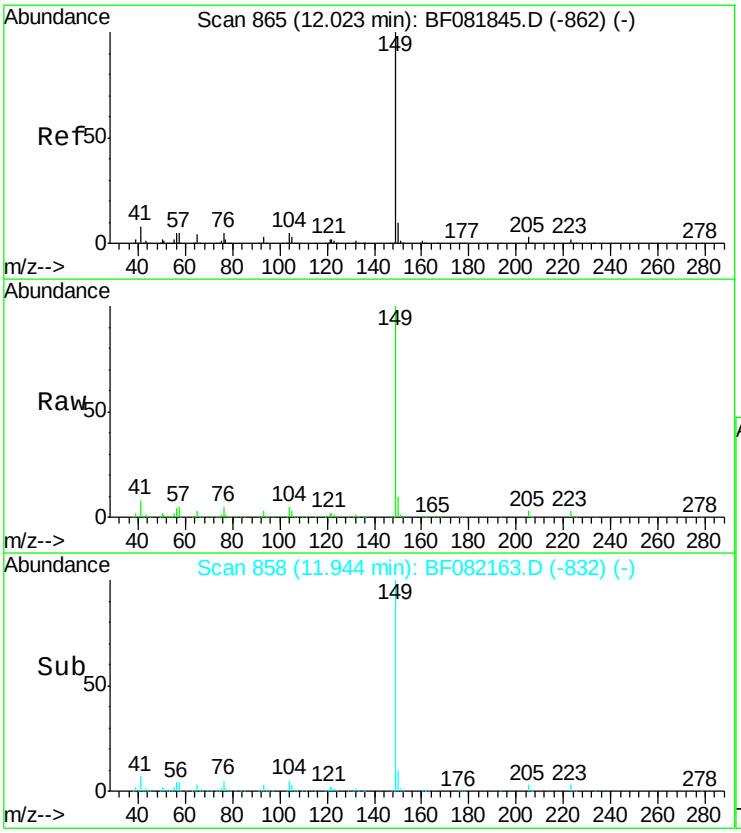
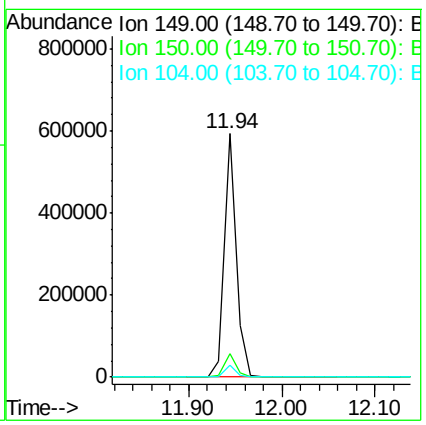
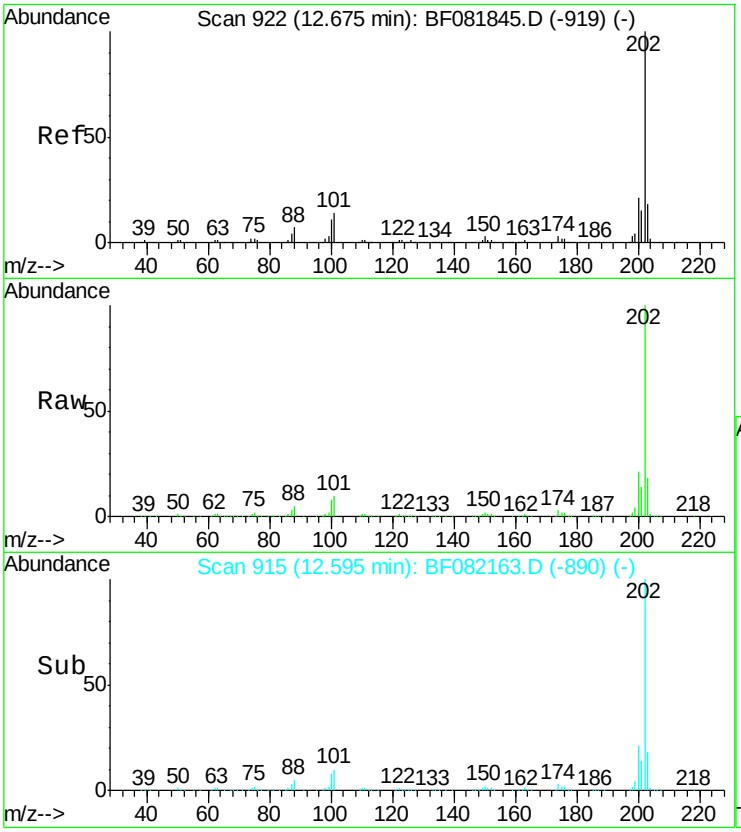


#73
Di-n-butylphthalate
Concen: 46.43 ng
RT: 11.94 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:149 Resp: 525944

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.7	2.4	3.6#

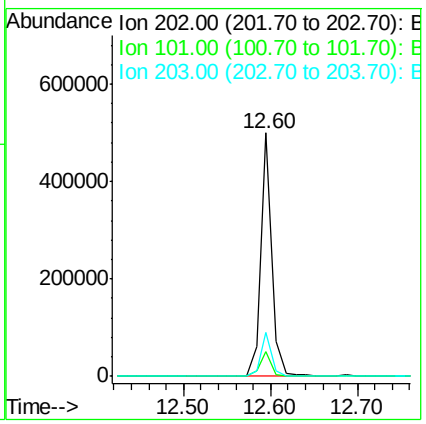




#74
Fluoranthene
Concen: 34.68 ng
RT: 12.60 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:202 Resp: 449506

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	38.3
203	17.9	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
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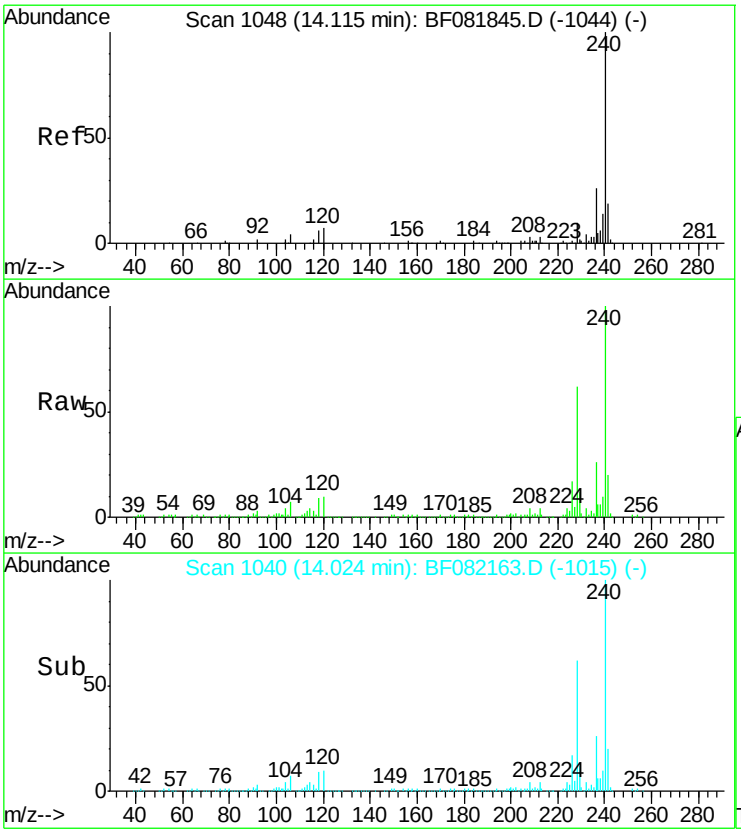
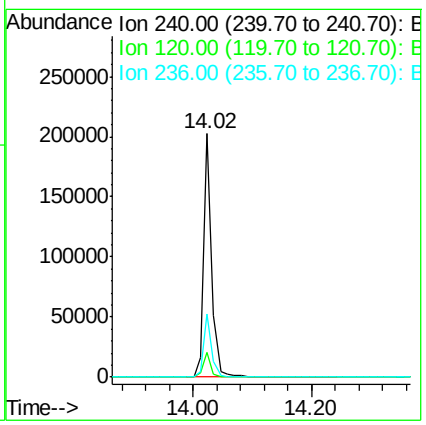
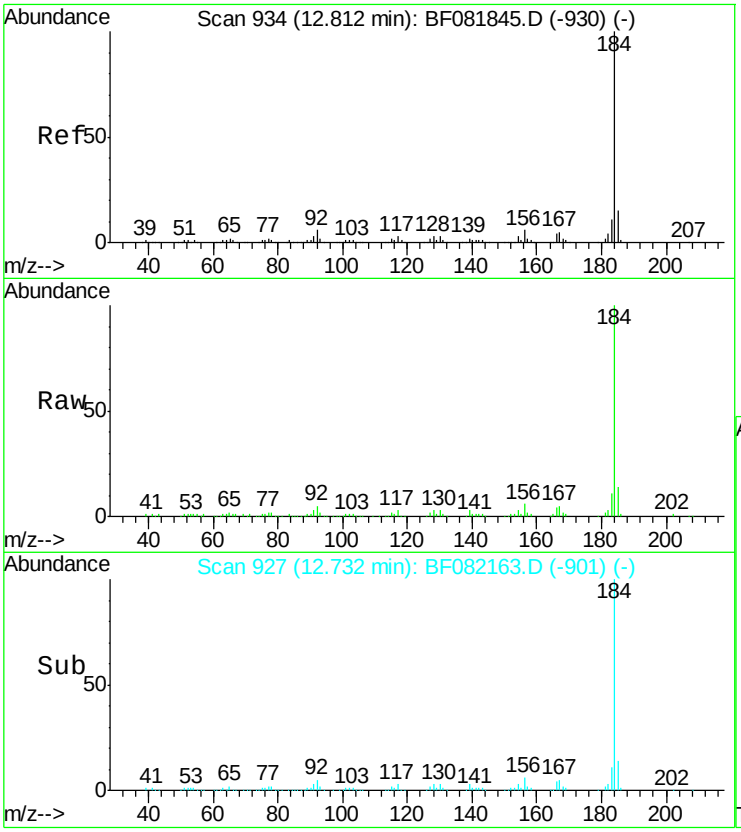


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:240 Resp: 196298

Ion	Ratio	Lower	Upper
240	100		
120	10.4	16.2	24.2#
236	25.8	18.4	27.6

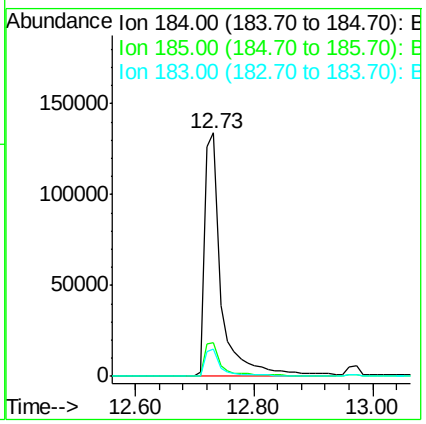




#76
Benzidine
Concen: 44.71 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:184 Resp: 264447

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.6
183	11.0	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
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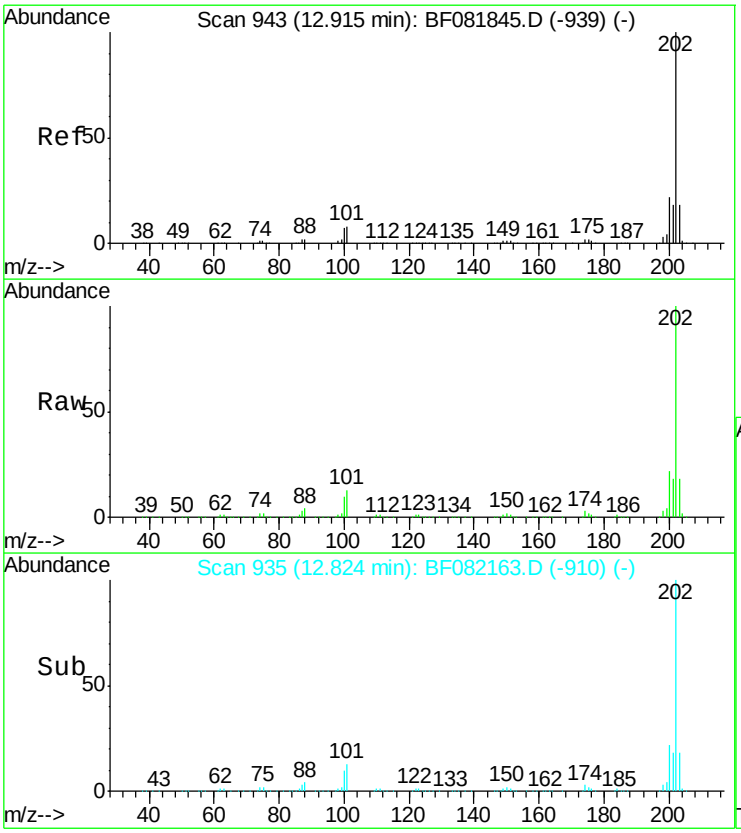
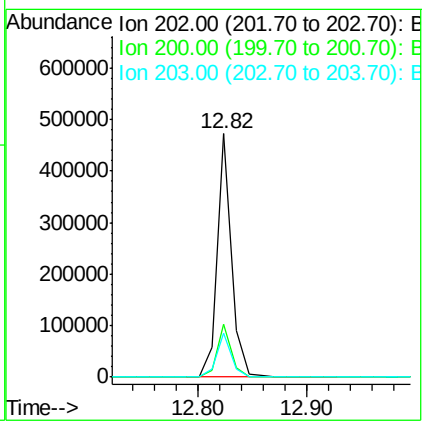
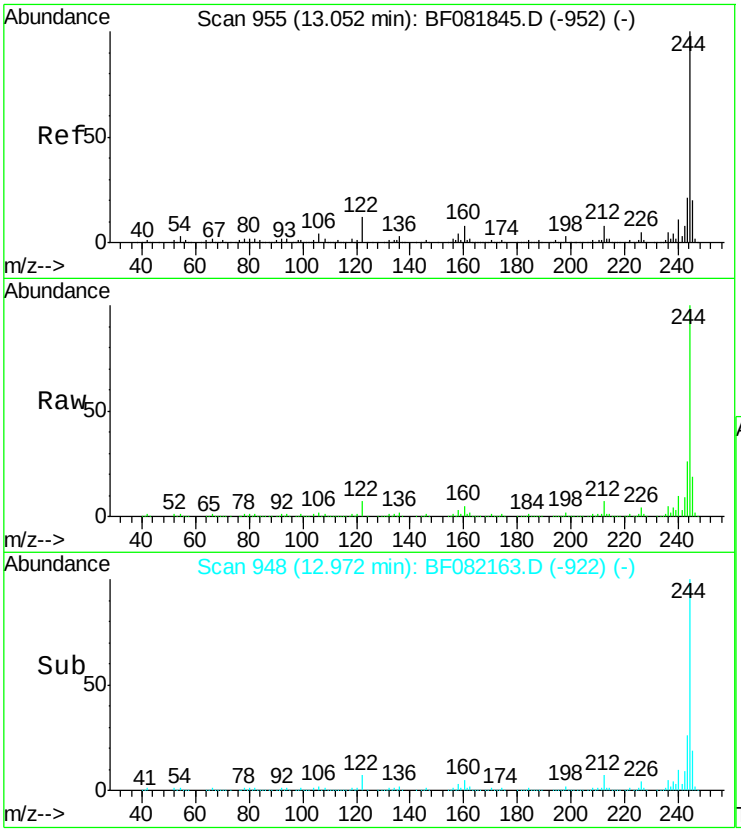


#77
Pyrene
Concen: 37.10 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:202 Resp: 435025

Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.2	14.1	21.1

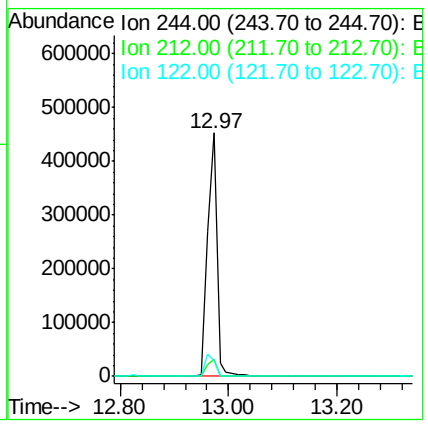




#78
Terphenyl-d14
Concen: 89.55 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:244 Resp: 536251

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	6.6	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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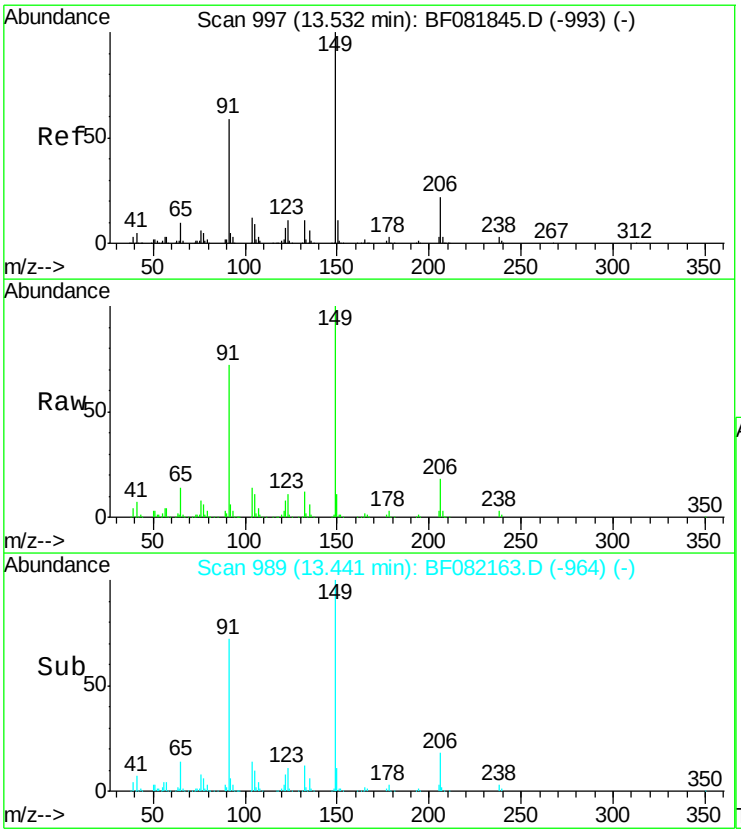
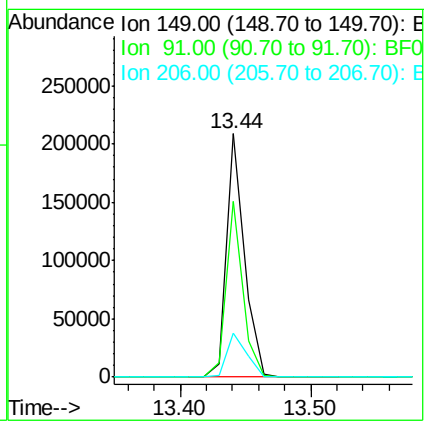
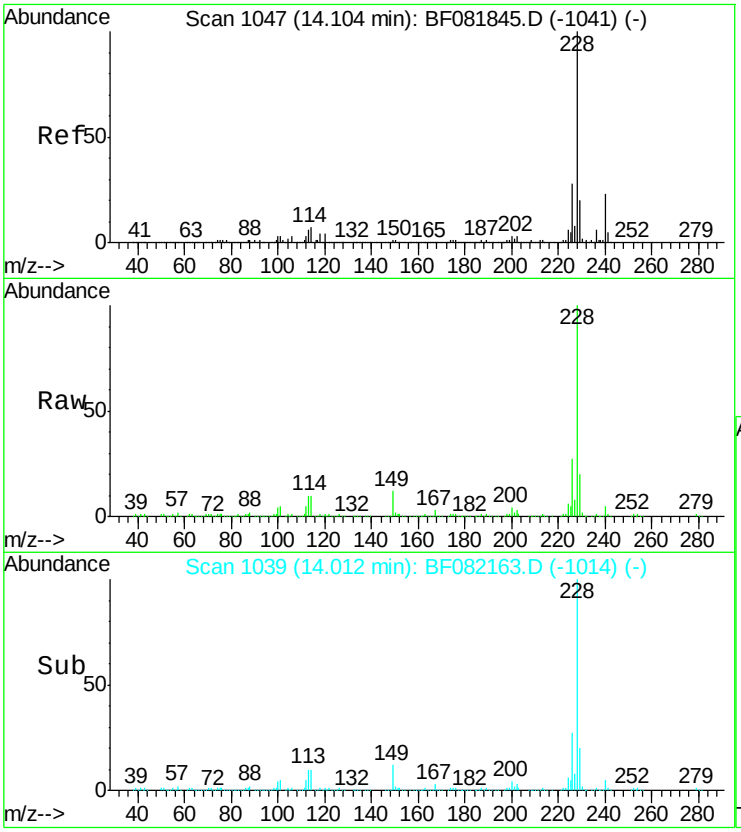


#79
Butylbenzylphthalate
Concen: 45.32 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:149 Resp: 199973

Ion	Ratio	Lower	Upper
149	100		
91	72.2	48.6	72.8
206	18.0	14.9	22.3

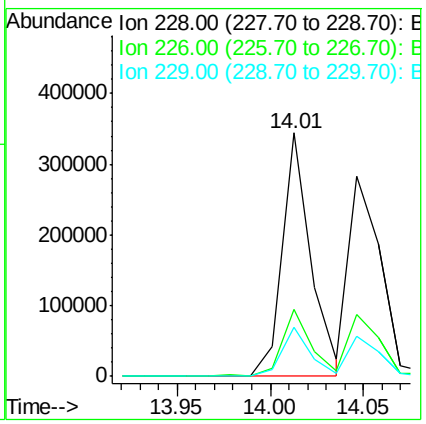




#80
Benzo(a)anthracene
Concen: 34.83 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:228 Resp: 368219

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.0	30.0
229	20.2	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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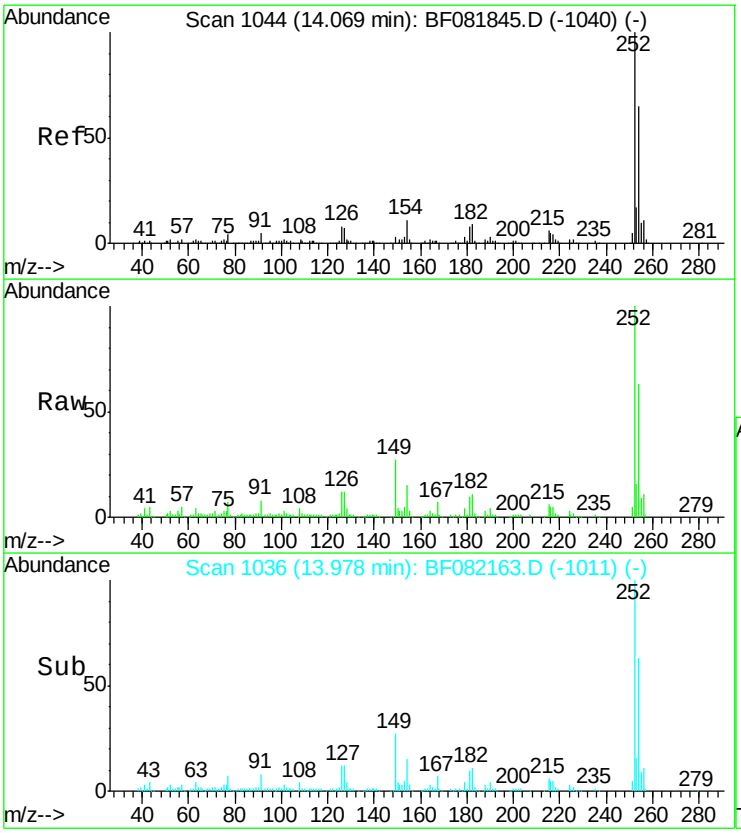
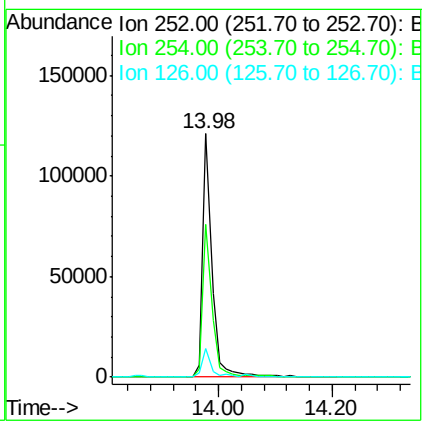
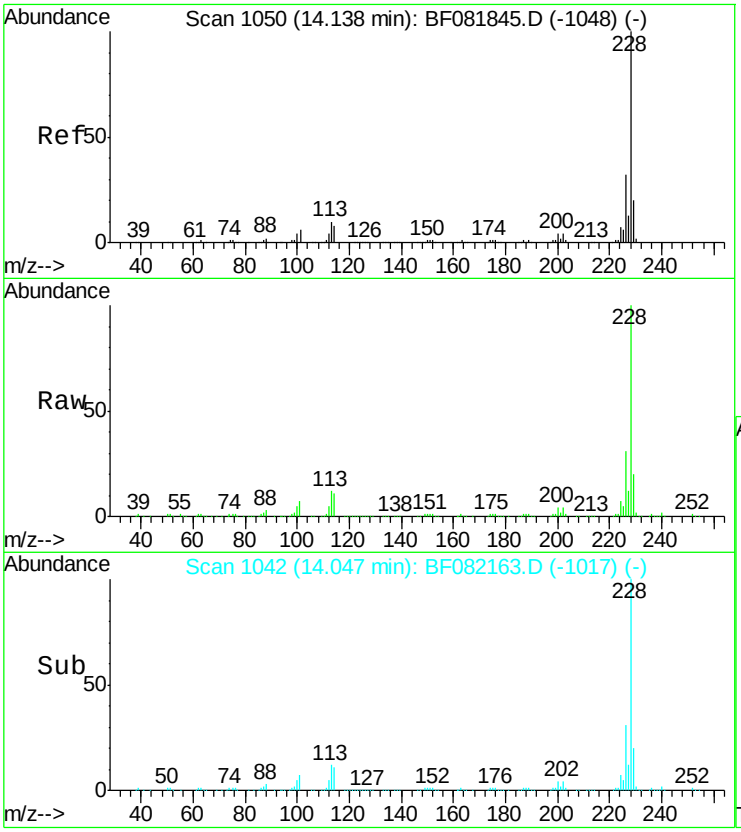


#81
3,3'-Dichlorobenzidine
Concen: 37.32 ng
RT: 13.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:252 Resp: 133226

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.4	77.2
126	11.5	16.4	24.6#





#82
Chrysene
Concen: 34.53 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:228 Resp: 355726

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.4
229	20.0	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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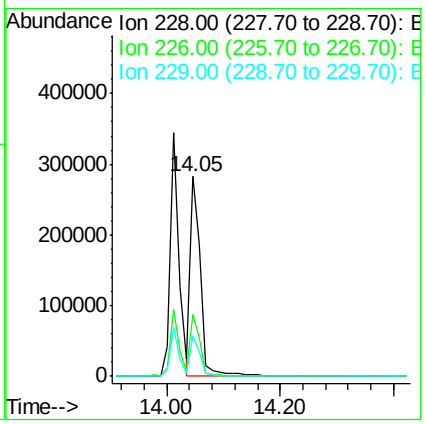
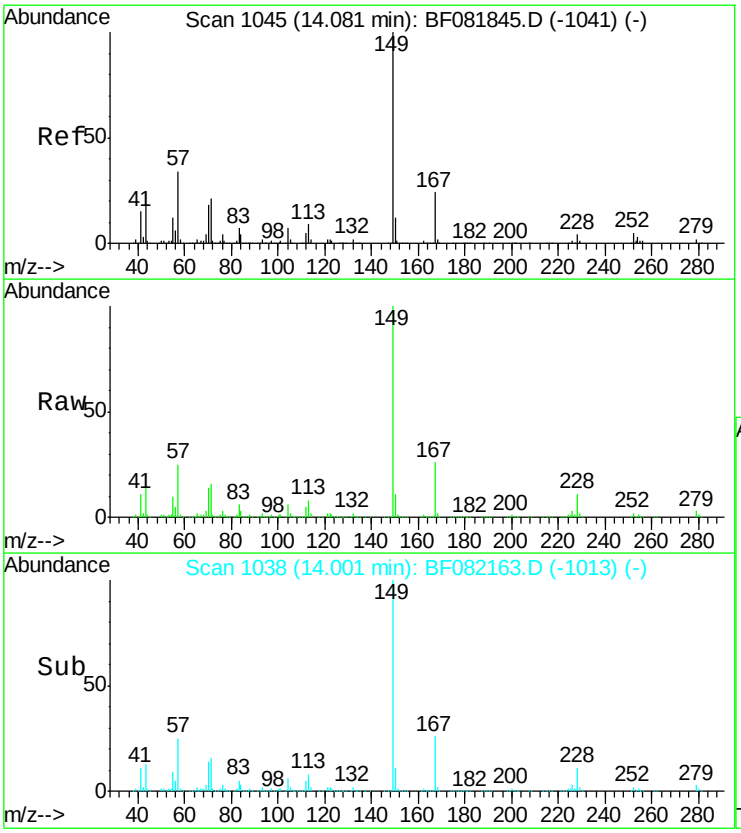
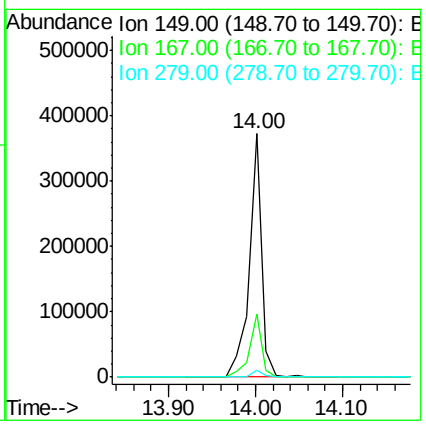


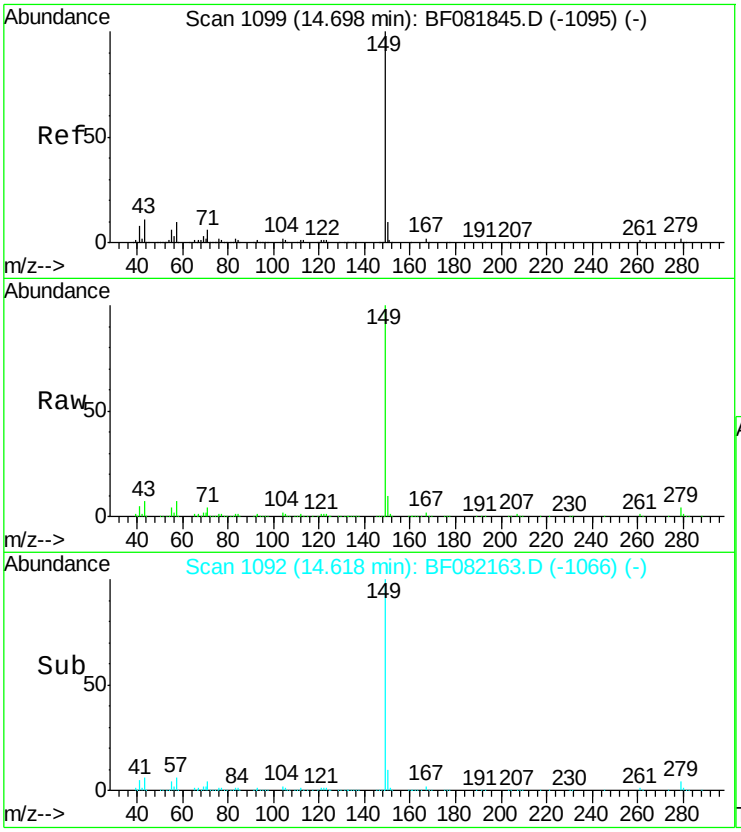


#83
Bis(2-ethylhexyl)phthalate
Concen: 67.71 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:149 Resp: 374821

Ion	Ratio	Lower	Upper
149	100		
167	25.8	24.2	36.2
279	2.8	3.8	5.6#





#84
Di-n-octyl phthalate
Concen: 53.06 ng
RT: 14.62 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:149 Resp: 477983

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.0	1.6#
43	9.7	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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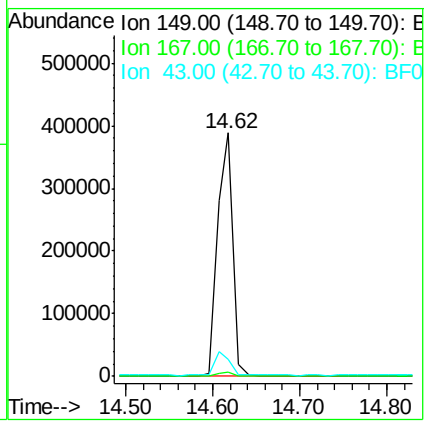
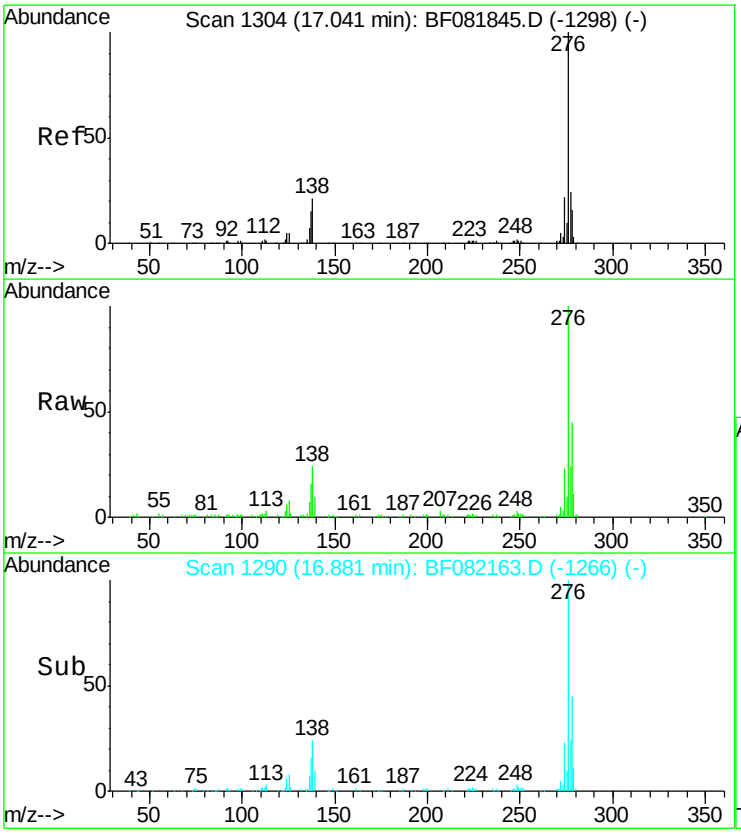
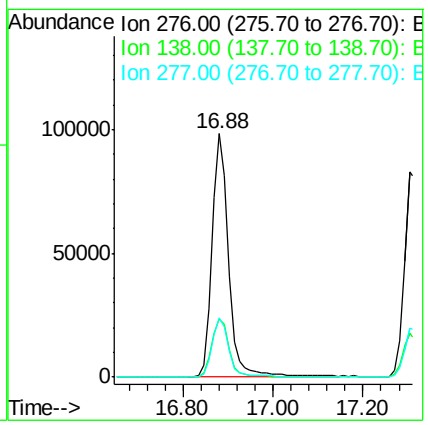


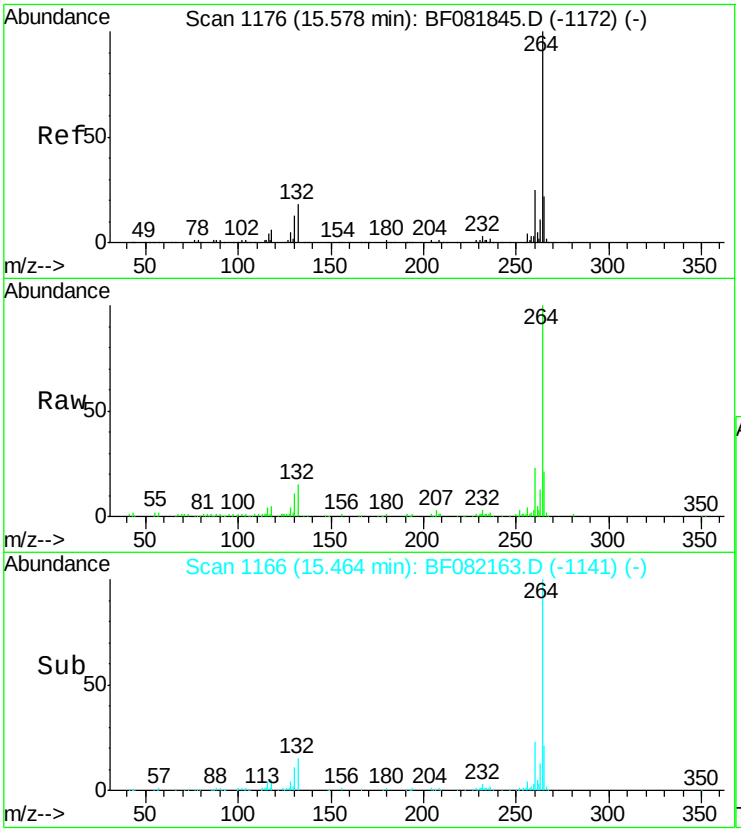


#85
Indeno(1,2,3-cd)pyrene
Concen: 30.59 ng
RT: 16.88 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:276 Resp: 252921

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.7	38.5#
277	24.7	15.6	23.4#

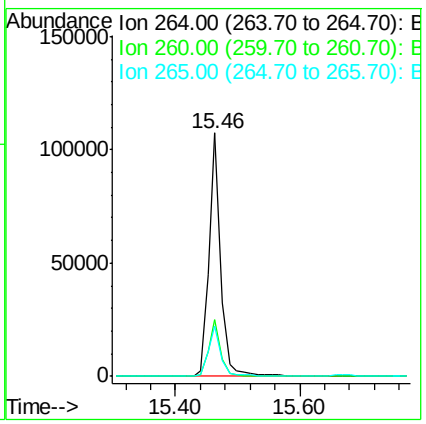




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:264 Resp: 139151

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.7	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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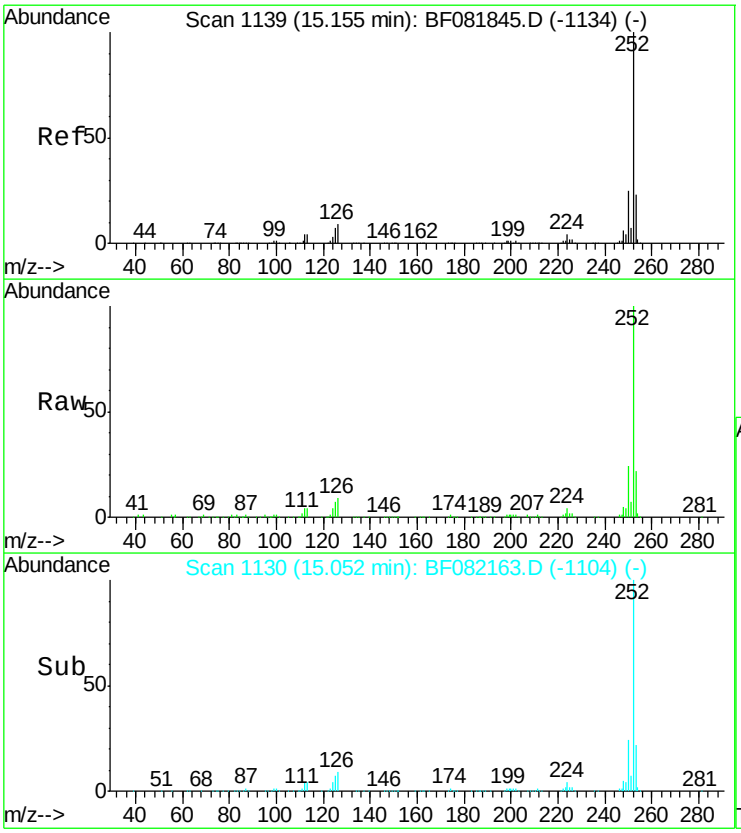
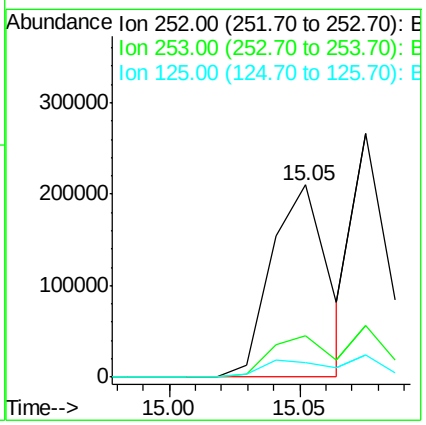
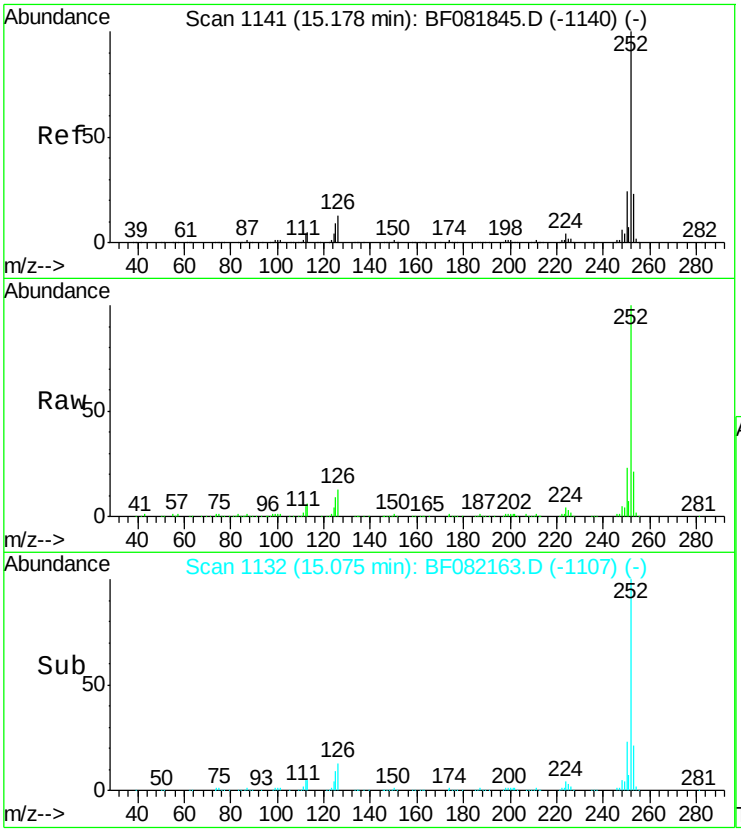


#87
Benzo(b)fluoranthene
Concen: 39.63 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:252 Resp: 314818

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	7.3	17.1	25.7#

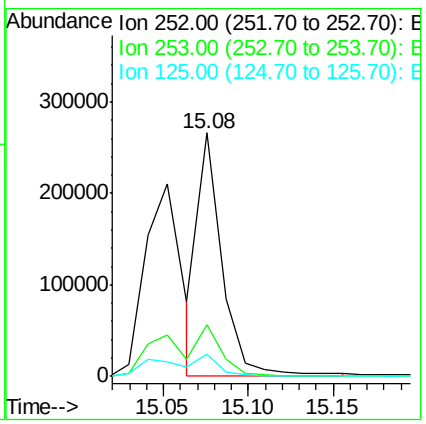




#88
Benzo(k)fluoranthene
Concen: 36.52 ng m
RT: 15.08 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:252 Resp: 265911

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.4
125	8.9	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

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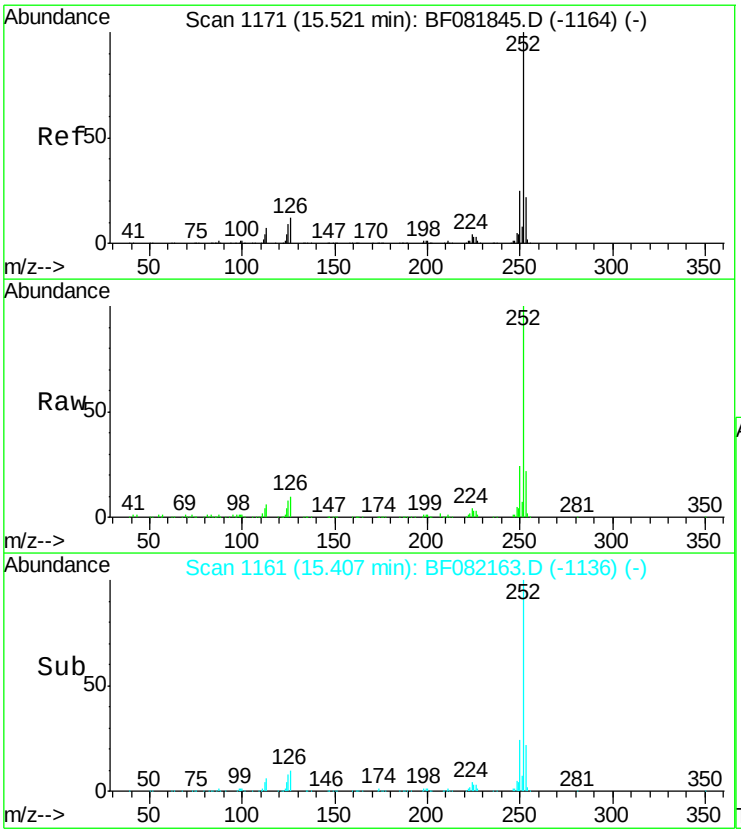
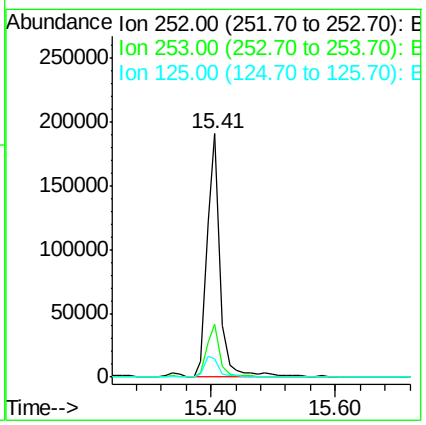
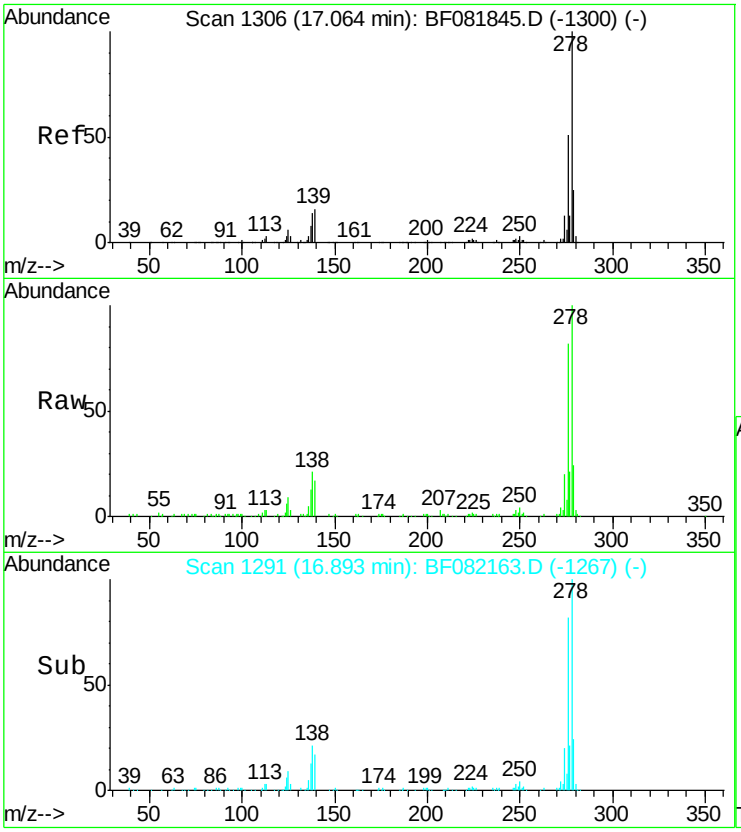


#89
Benzo(a)pyrene
Concen: 38.74 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:252 Resp: 266955

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	7.7	18.0	27.0#





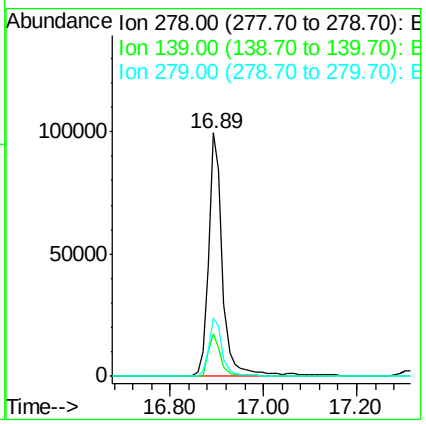
#90
Dibenzo(a,h)anthracene
Concen: 36.59 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

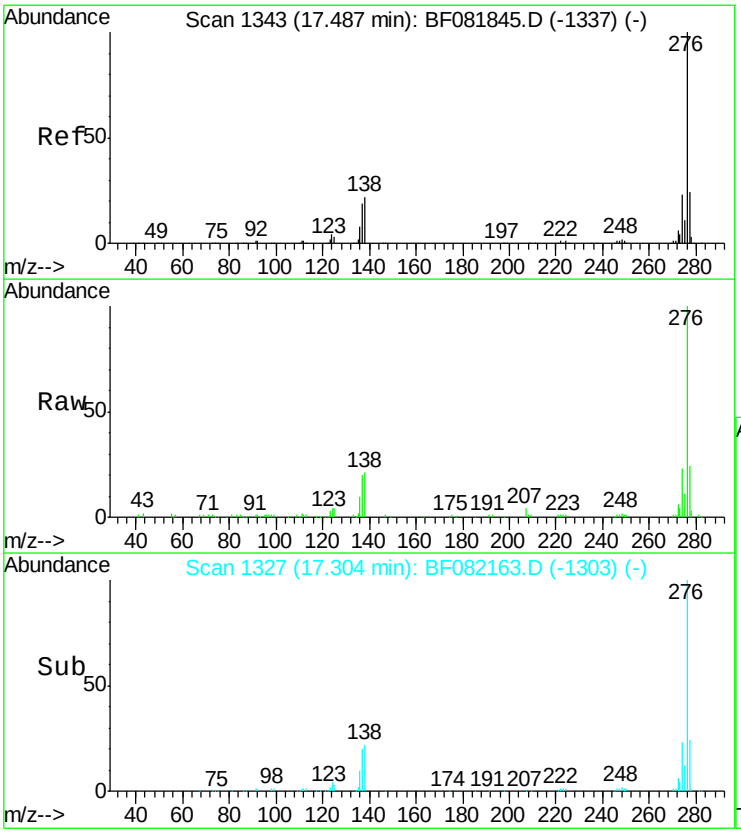
Tgt Ion:278 Resp: 211546

Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5#
279	24.0	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM





#91
Benzo(g,h,i)perylene
Concen: 34.72 ng
RT: 17.30 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF082163.D
Acq: 10 Oct 2015 00:18

Tgt Ion:276 Resp: 205699

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	21.4	34.6	51.8#