

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082023.D
 Acq On : 3 Oct 2015 15:58
 Operator : UM/IZ
 Sample : G3857-07MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:28:14 PM

Quant Time: Oct 05 01:47:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81806	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	326032	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	163345	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	339063	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	302732	20.00	ng	-0.03
86) Perylene-d12	15.54	264	234567	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	714684	158.59	ng	-0.03
7) Phenol-d6	6.53	99	932934	164.52	ng	-0.03
23) Nitrobenzene-d5	7.46	82	572061	116.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	253137	153.02	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1102831	123.69	ng	-0.05
78) Terphenyl-d14	13.02	244	1141316	156.59	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	92218	47.06	ng	85
3) Pyridine	3.25	79	234408	45.94	ng	85
4) n-Nitrosodimethylamine	3.21	42	111930	48.30	ng	96
6) Aniline	6.55	93	314063	41.22	ng	# 89
8) 2-Chlorophenol	6.67	128	279839	56.23	ng	99
9) Benzaldehyde	6.43	77	57690	15.54	ng	# 82
10) Phenol	6.54	94	341745	53.73	ng	77
11) bis(2-Chloroethyl)ether	6.63	93	296465	60.10	ng	95
12) 1,3-Dichlorobenzene	6.82	146	291971m	49.67	ng	
13) 1,4-Dichlorobenzene	6.90	146	320740m	52.26	ng	
14) 1,2-Dichlorobenzene	7.06	146	288556	52.76	ng	98
15) Benzyl Alcohol	7.03	79	208658	50.98	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	365887	52.47	ng	83
17) 2-Methylphenol	7.14	107	225034	55.77	ng	# 86
18) Hexachloroethane	7.39	117	100805	52.46	ng	89
19) n-Nitroso-di-n-propylamine	7.30	70	175286	50.86	ng	# 78
20) 3+4-Methylphenols	7.29	107	270987	53.17	ng	# 69
22) Acetophenone	7.30	105	369970	55.50	ng	# 81
24) Nitrobenzene	7.47	77	272749	51.36	ng	# 68
25) Isophorone	7.71	82	515406	53.17	ng	# 92
26) 2-Nitrophenol	7.79	139	154625	60.65	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	254184	56.68	ng	# 82
28) bis(2-Chloroethoxy)methane	7.93	93	311464	54.10	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	257515	59.22	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	262238	54.02	ng	99
31) Naphthalene	8.19	128	740796m	51.28	ng	
32) Benzoic acid	7.93	122	72445	30.22	ng	# 68
33) 4-Chloroaniline	8.25	127	233876	37.44	ng	# 96
34) Hexachlorobutadiene	8.31	225	152671	53.17	ng	97
35) Caprolactam	8.63	113	72967m	60.61	ng	
36) 4-Chloro-3-methylphenol	8.73	107	260029	61.15	ng	83
37) 2-Methylnaphthalene	8.89	142	563630	57.16	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	250913	50.03	ng	99
40) Hexachlorocyclopentadiene	9.04	237	263392	101.99	ng	96

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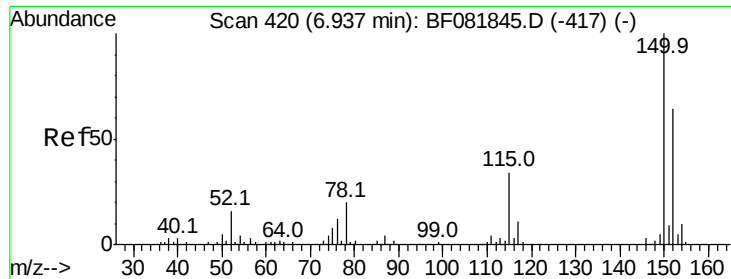
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	174297	50.70	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	204548	57.86	nq	97
45) 1,1'-Biphenyl	9.36	154	699252	55.49	nq	94
46) 2-Chloronaphthalene	9.38	162	561471	56.74	nq	96
47) 2-Nitroaniline	9.49	65	170121	58.57	nq	90
48) Acenaphthylene	9.79	152	805945	50.89	nq	97
49) Dimethylphthalate	9.67	163	915733	81.22	nq #	98
50) 2,6-Dinitrotoluene	9.73	165	142711	58.30	nq #	73
51) Acenaphthene	9.97	154	526498	55.98	nq	89
52) 3-Nitroaniline	9.90	138	127076	44.87	nq #	73
53) 2,4-Dinitrophenol	10.00	184	97622	81.08	nq #	49
54) Dibenzofuran	10.15	168	744170	55.99	nq	95
55) 4-Nitrophenol	10.06	139	224034	109.48	nq #	48
56) 2,4-Dinitrotoluene	10.14	165	191348	61.32	nq #	94
57) Fluorene	10.49	166	611332	65.28	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179842	64.13	nq	91
59) Diethylphthalate	10.37	149	592513	56.26	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	278715	57.28	nq	90
61) 4-Nitroaniline	10.53	138	161619	56.92	nq #	62
62) Azobenzene	10.64	77	598279	58.21	nq	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	89429	55.95	nq	98
65) n-Nitrosodiphenylamine	10.61	169	539815	52.62	nq	91
66) 4-Bromophenyl-phenylether	10.97	248	185640	54.30	nq	99
67) Hexachlorobenzene	11.03	284	181075	46.93	nq #	83
68) Atrazine	11.13	200	164954	51.82	nq	83
69) Pentachlorophenol	11.23	266	227075	103.29	nq	99
70) Phenanthrene	11.45	178	859860	52.99	nq	95
71) Anthracene	11.51	178	988699	57.37	nq	98
72) Carbazole	11.66	167	862825	55.32	nq	96
73) Di-n-butylphthalate	11.99	149	917729	58.16	nq #	98
74) Fluoranthene	12.64	202	992770	54.66	nq	92
76) Benzdine	12.78	184	344079	37.72	nq	98
77) Pyrene	12.87	202	1055766	58.38	nq	95
79) Butylbenzylphthalate	13.50	149	439963	64.65	nq	95
80) Benzo(a)anthracene	14.07	228	983178	60.31	nq	95
81) 3,3'-Dichlorobenzidine	14.04	252	245807	44.65	nq #	95
82) Chrysene	14.10	228	763230m	Below	Cal	
83) Bis(2-ethylhexyl)phthalate	14.06	149	557614	65.32	nq #	93
84) Di-n-octyl phthalate	14.68	149	918327	66.10	nq #	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	775078	60.78	nq #	86
87) Benzo(b)fluoranthene	15.11	252	905128m	67.59	nq	
88) Benzo(k)fluoranthene	15.14	252	600686m	48.94	nq	
89) Benzo(a)pyrene	15.48	252	705530	60.73	nq #	87
90) Dibenzo(a,h)anthracene	17.02	278	607869	62.37	nq #	80
91) Benzo(g,h,i)perylene	17.44	276	651735	65.25	nq #	77

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



#1

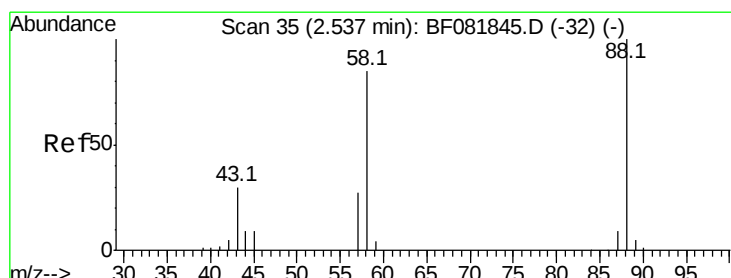
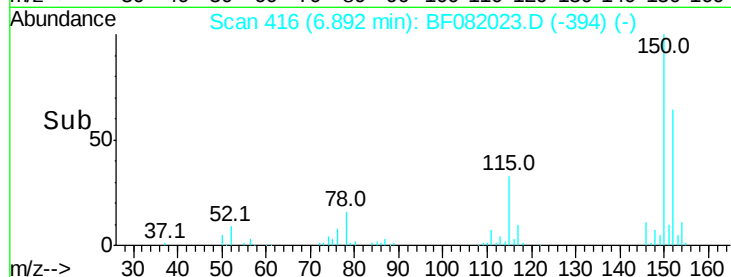
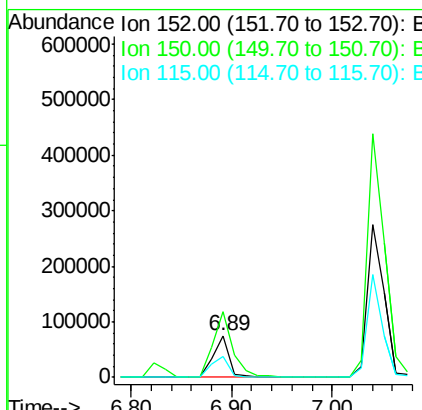
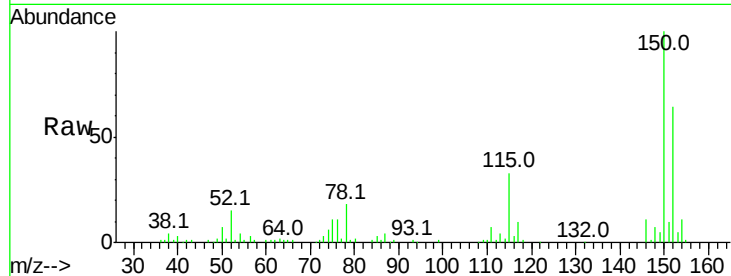
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	51.4	39.0	58.4

Manual Integrations
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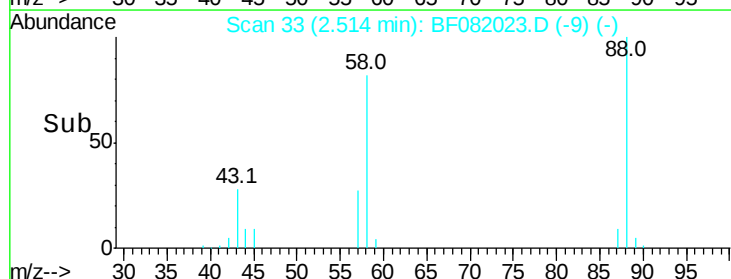
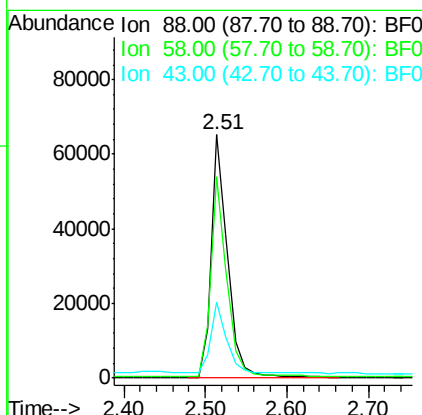
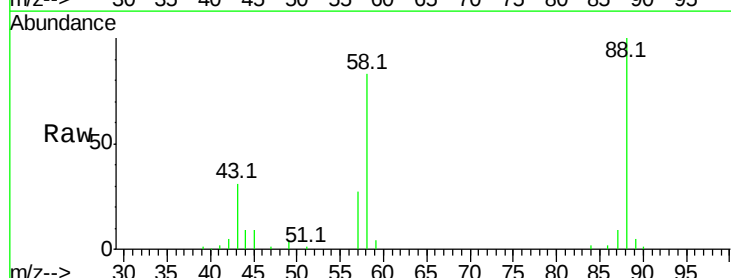
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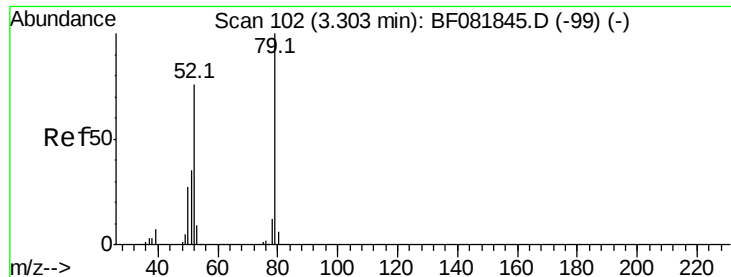


#2

1,4-Dioxane
Concen: 47.06 ng
RT: 2.51 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	77.7	116.5
43	28.2	26.6	40.0





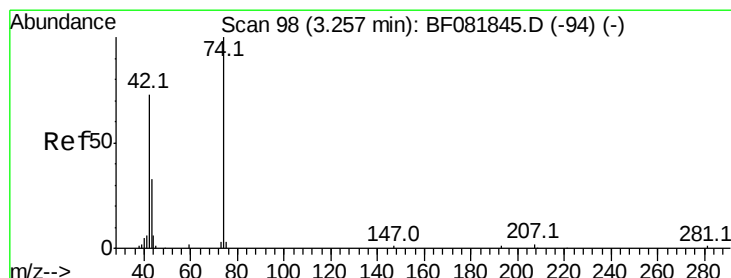
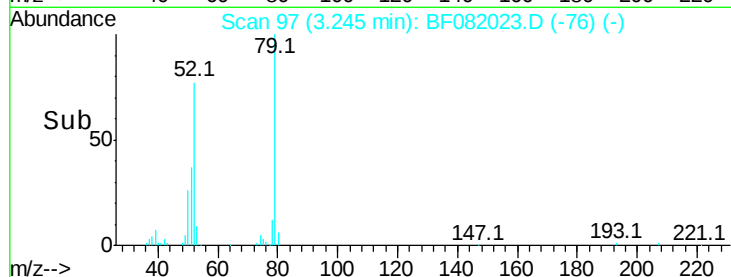
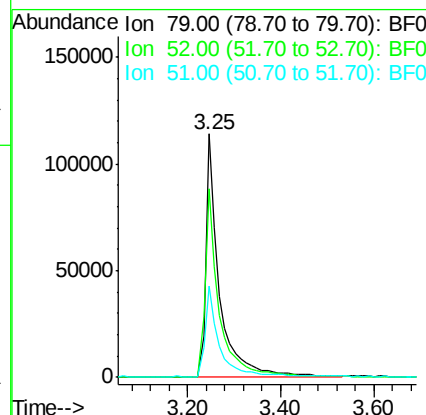
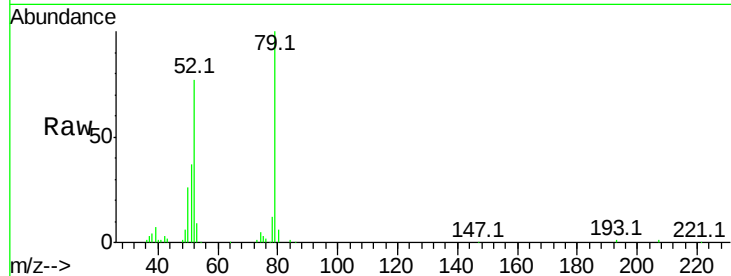
#3
 Pvridine
 Concen: 45.94 ng
 RT: 3.25 min Scan# 97
 Delta R.T. -0.06 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.3	76.8	115.2
51	37.3	32.2	48.4

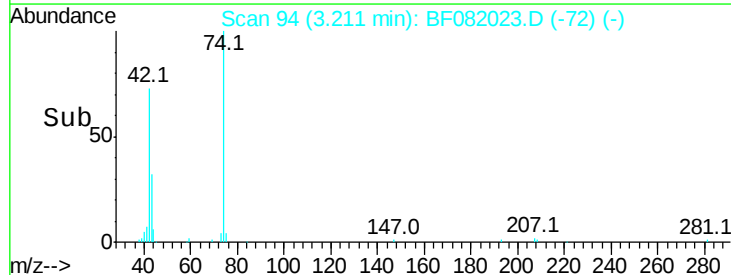
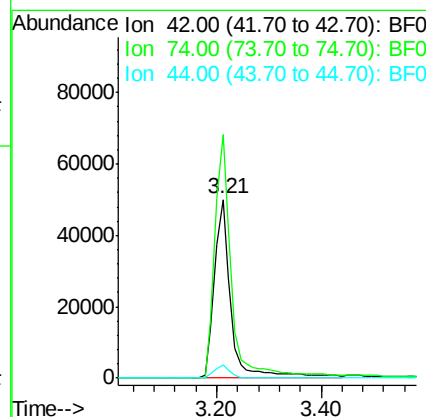
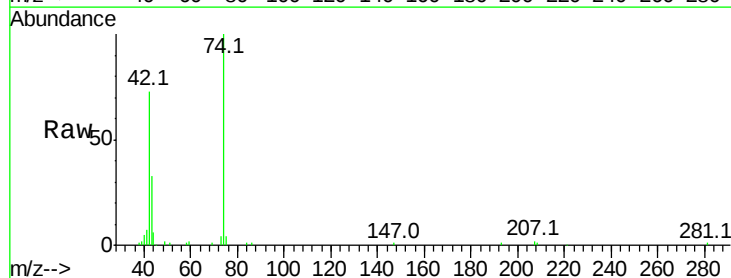
Manual Integrations
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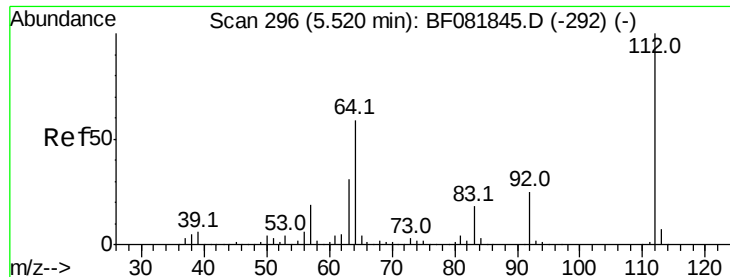
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#4
 n-Nitrosodimethylamine
 Concen: 48.30 ng
 RT: 3.21 min Scan# 94
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.2	105.0	157.6
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 158.59 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

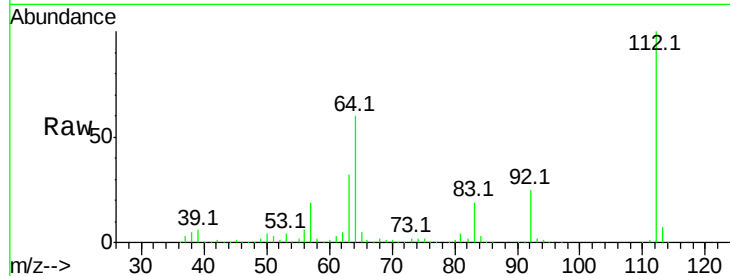
ClientSampleId :

A3-COMPMSD

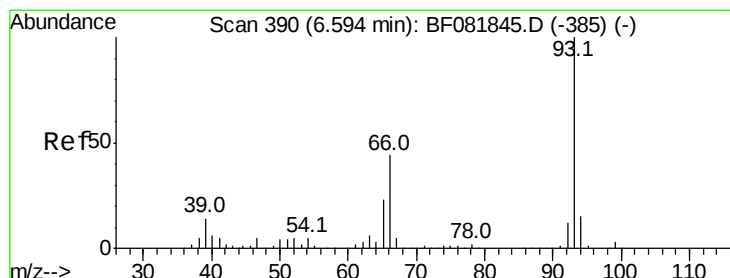
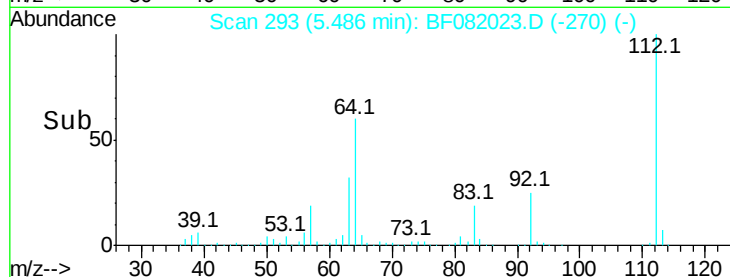
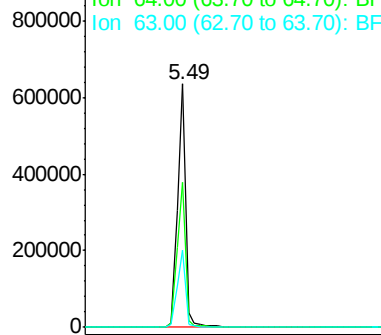
Tot Ion:	112	Resp:	714684
Ion Ratio	Lower	Upper	
112	100		
64	59.6	39.7	59.5#
63	31.6	17.4	26.0#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 41.22 ng

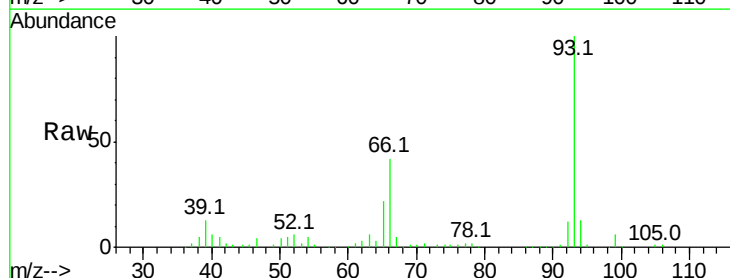
RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

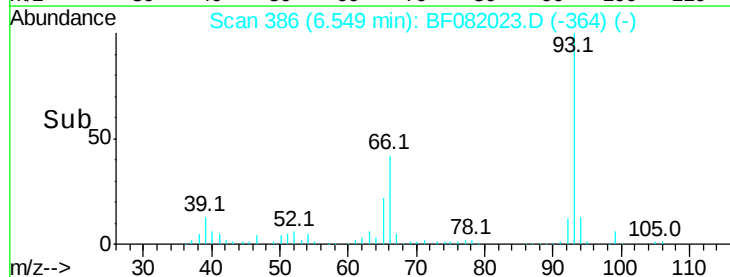
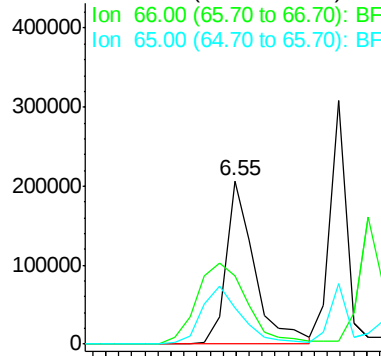
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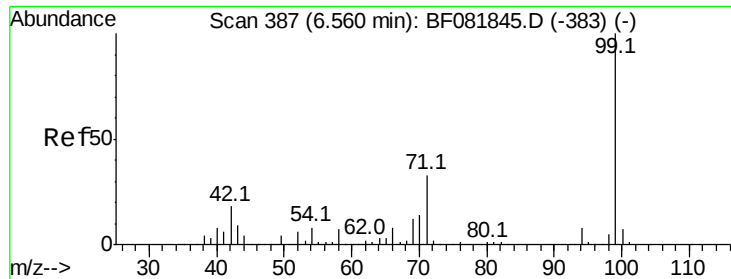
Acq: 3 Oct 2015 15:58

Tgt Ion:	93	Resp:	314063
Ion Ratio	Lower	Upper	
93	100		
66	41.8	27.2	40.8#
65	21.8	14.7	22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 164.52 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

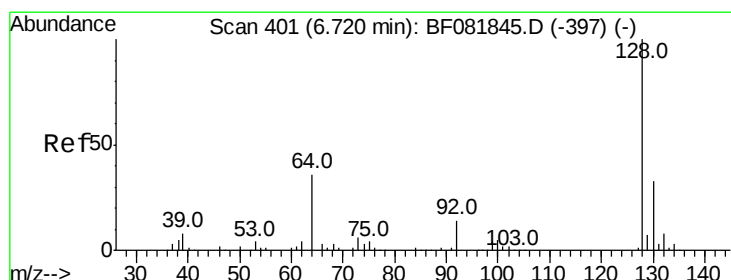
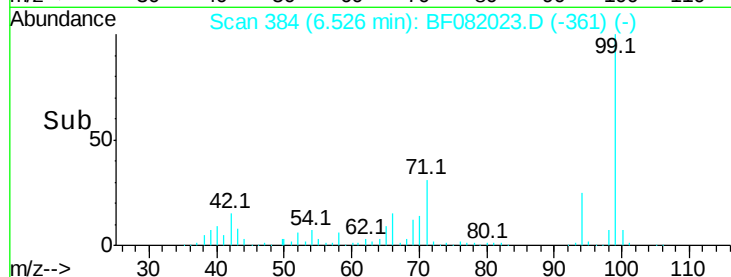
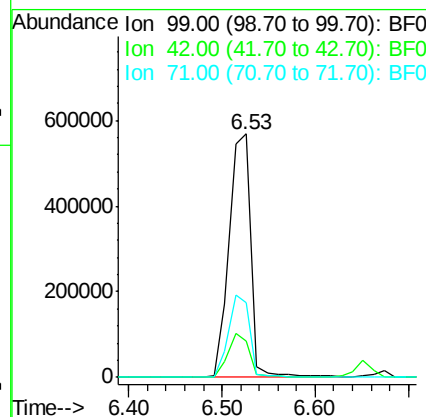
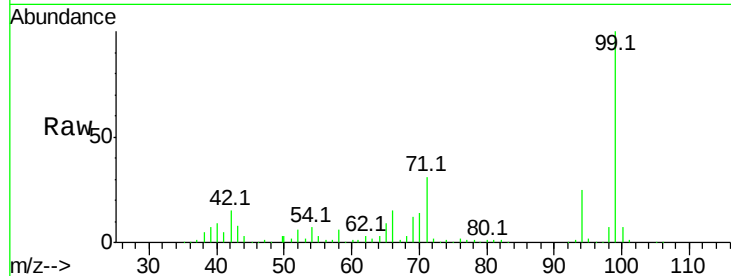
ClientSampleId :

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Tot Ion:	99	Resp:	932934
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.7	20.5
71	30.8	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 56.23 ng

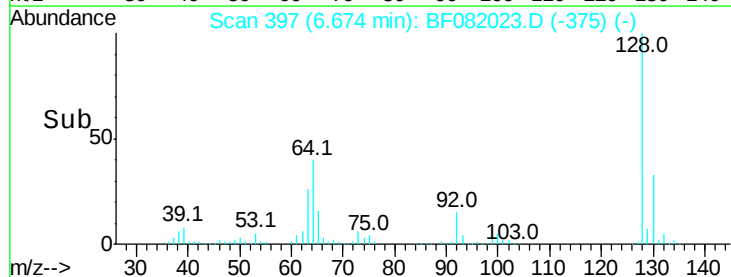
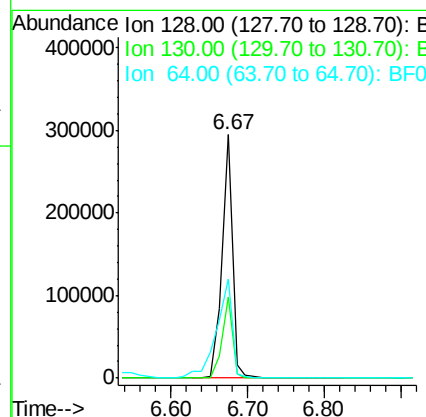
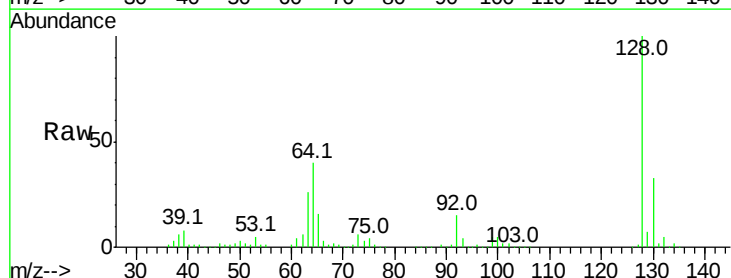
RT: 6.67 min Scan# 397

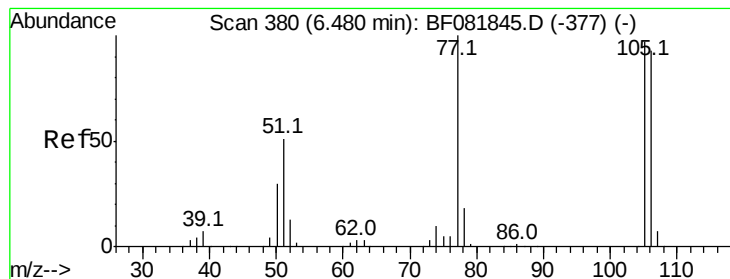
Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	128	Resp:	279839
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.2	52.2
64	40.4	20.5	60.5





#9

Benzaldehyde

Concen: 15.54 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

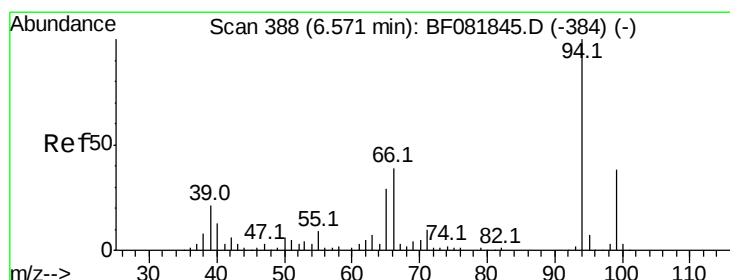
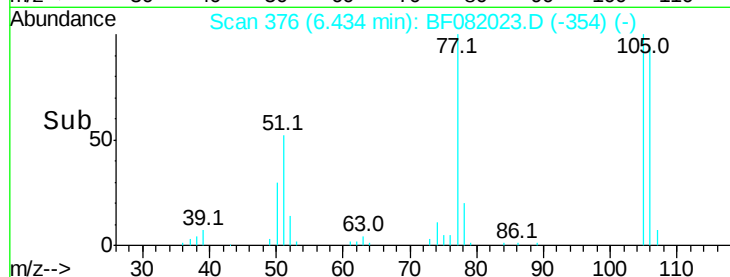
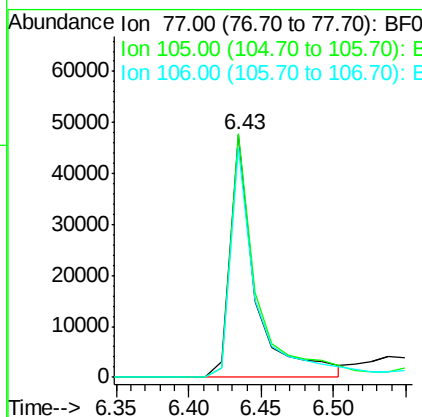
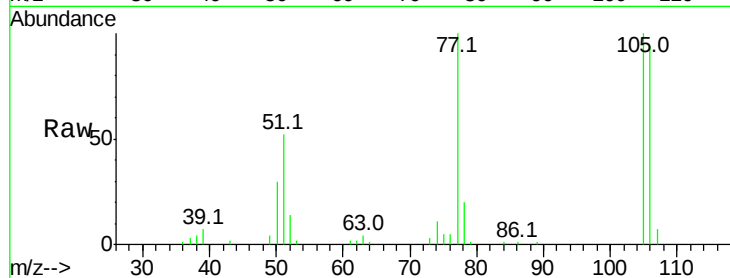
ClientSampleId :

A3-COMPMSD

Manual Integrations
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Tot Ion:	77	Resp:	57690
Ion	Ratio	Lower	Upper
77	100		
105	100.3	91.6	131.6
106	94.7	102.6	142.6



#10

Phenol

Concen: 53.73 ng

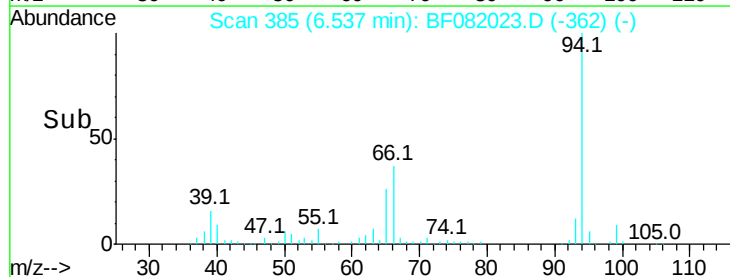
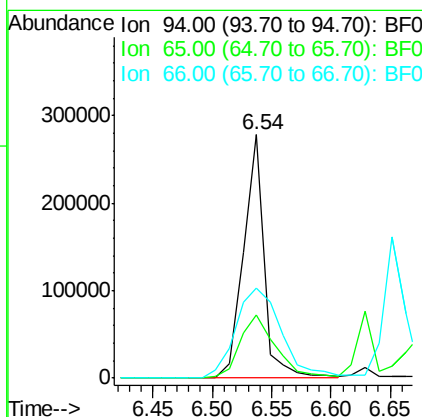
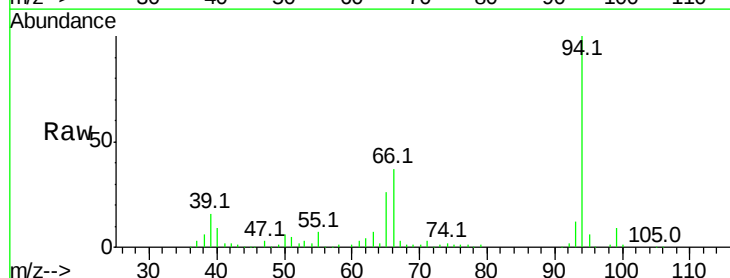
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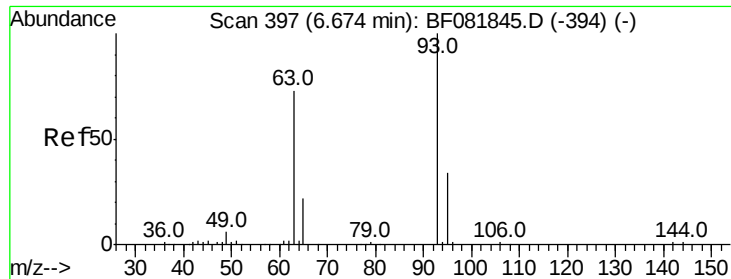
Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	94	Resp:	341745
Ion	Ratio	Lower	Upper
94	100		
65	26.2	0.7	40.7
66	37.1	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 60.10 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

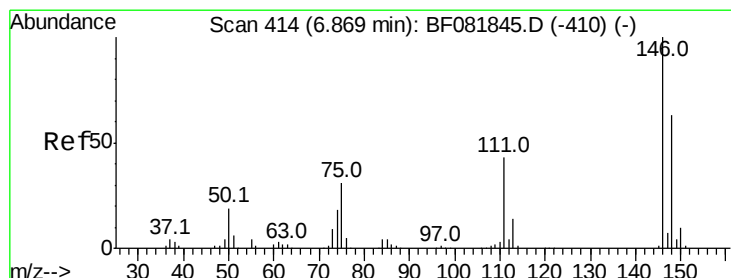
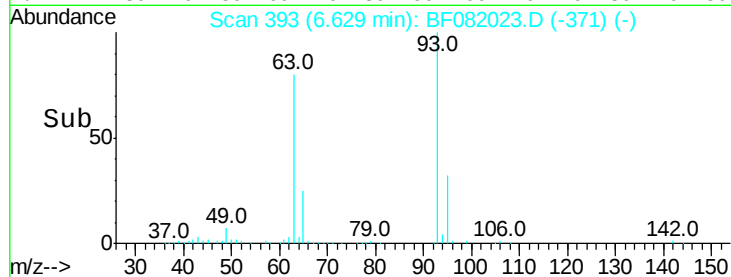
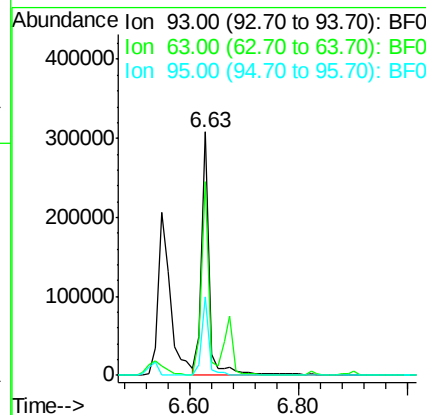
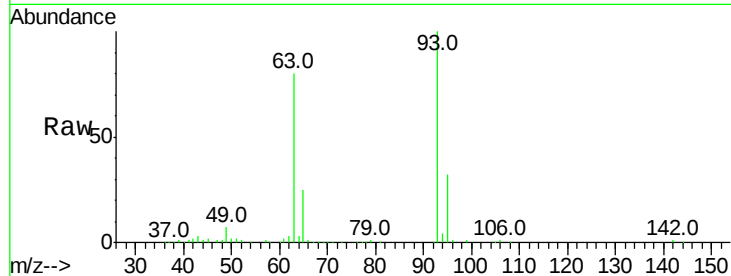
ClientSampleId :

A3-COMPMSD

Tot Ion:	93	Resp:	296465
Ion Ratio	Lower	Upper	
93	100		
63	79.6	65.6	105.6
95	32.5	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 49.67 ng m

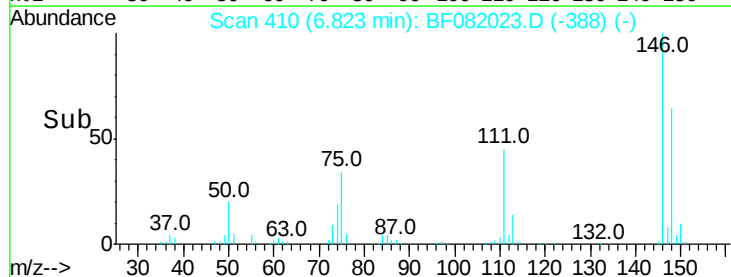
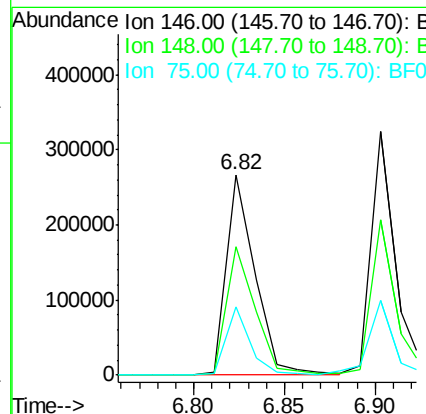
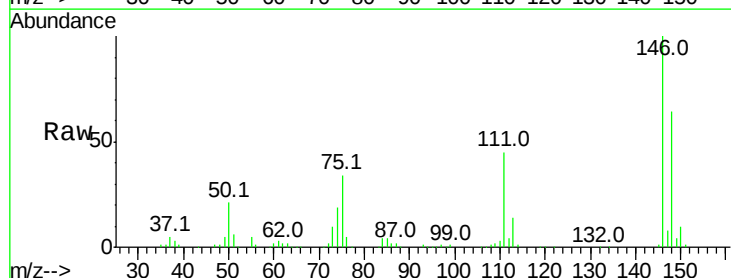
RT: 6.82 min Scan# 410

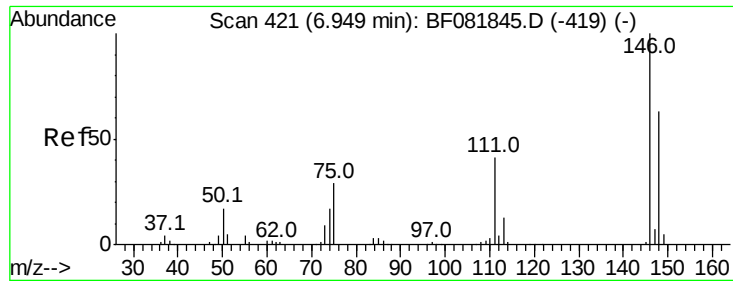
Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	146	Resp:	291971
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.4
75	33.8	15.0	22.6#





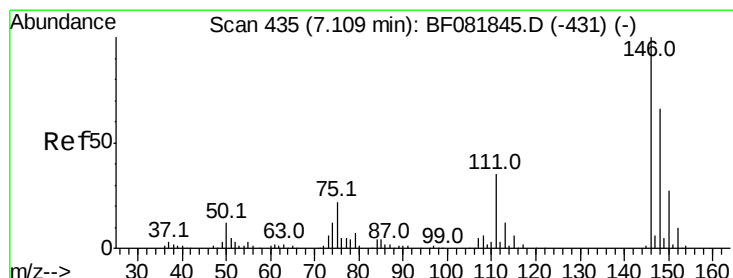
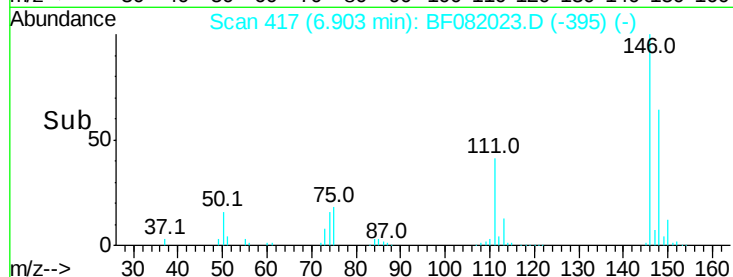
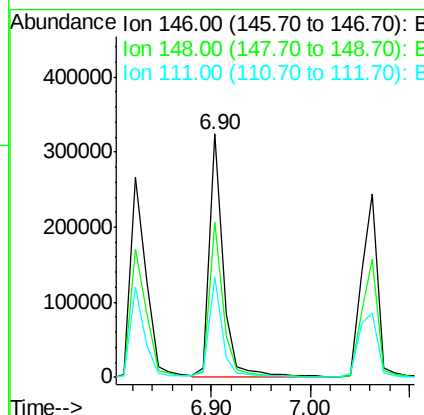
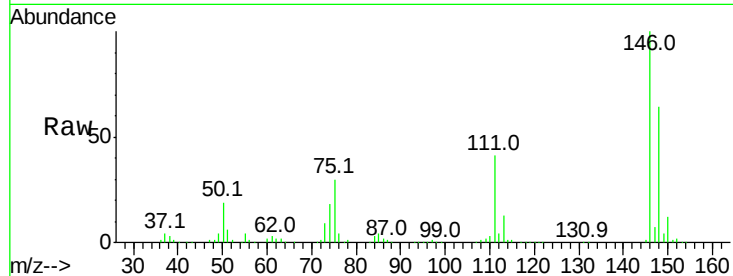
#13
 1,4-Dichlorobenzene
 Concen: 52.26 ng/ml
 RT: 6.90 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	41.1	24.9	37.3

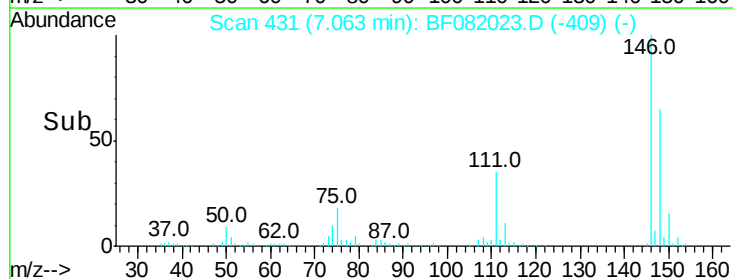
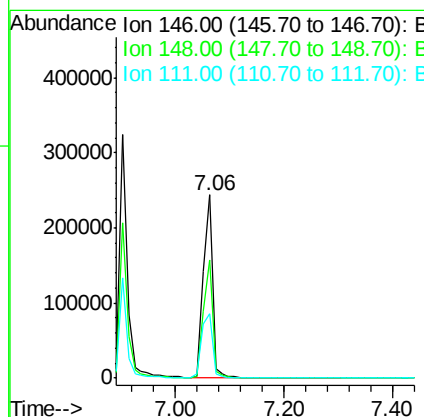
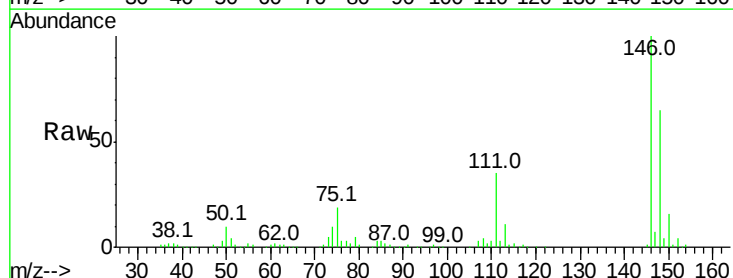
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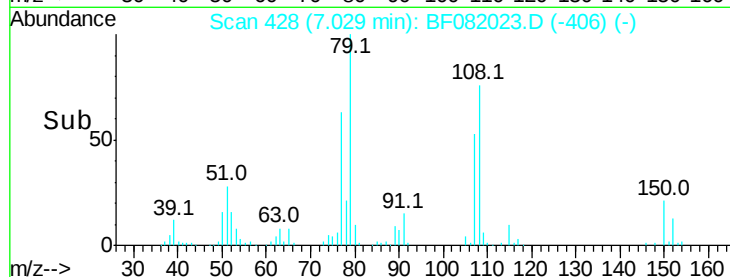
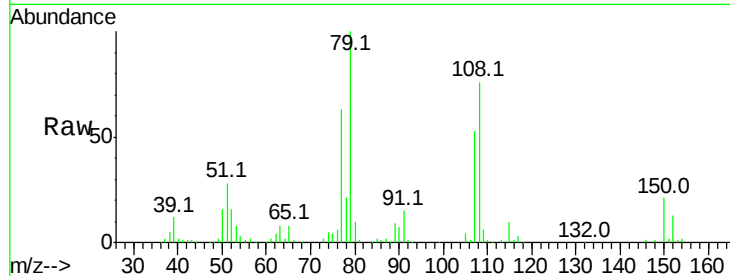
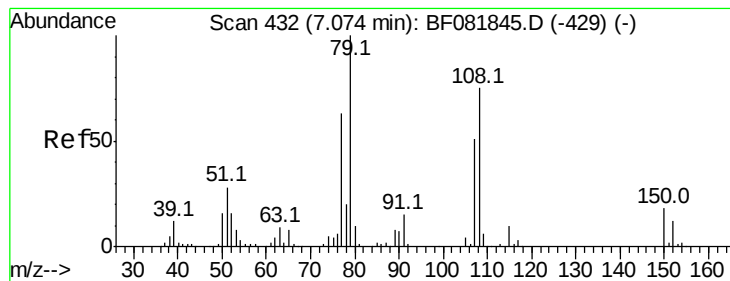
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#14
 1,2-Dichlorobenzene
 Concen: 52.76 ng/ml
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.7	79.1
111	35.2	28.8	43.2





#15

Benzyl Alcohol

Concen: 50.98 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100	208658		
108	75.5	88.6	132.8#	
77	63.5	47.0	70.4	

Instrument :

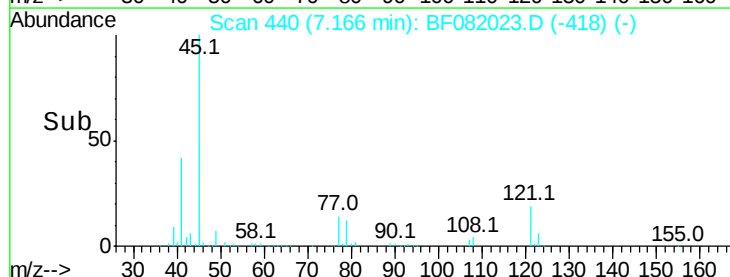
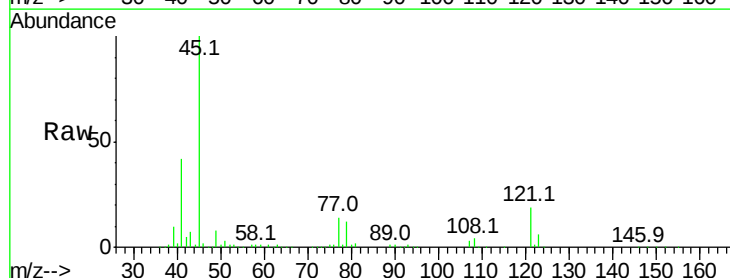
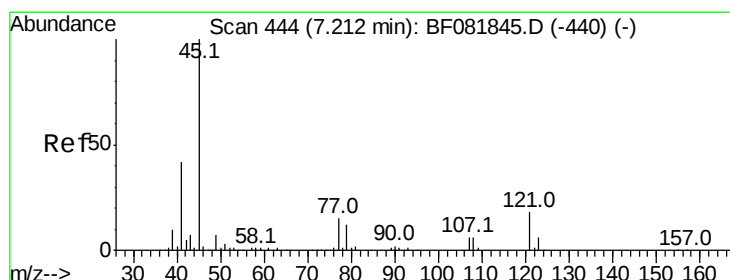
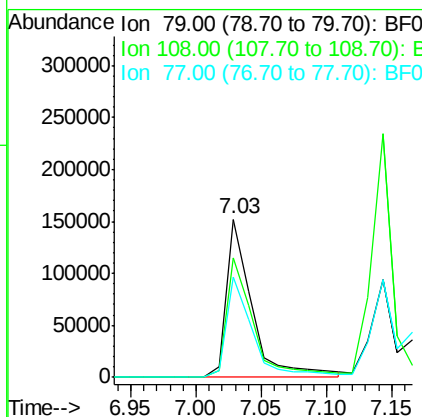
BNA_F

ClientSampleId :

A3-COMPMSSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.47 ng

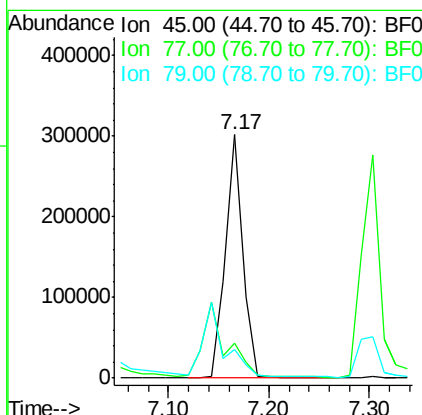
RT: 7.17 min Scan# 440

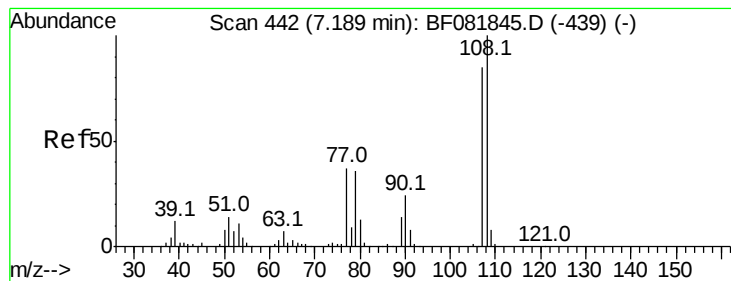
Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	365887		
77	14.3	0.0	28.1	
79	11.8	0.0	26.0	





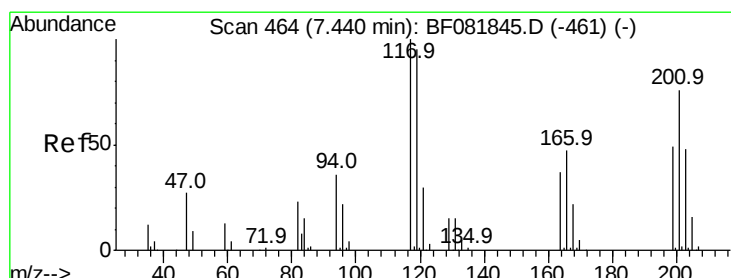
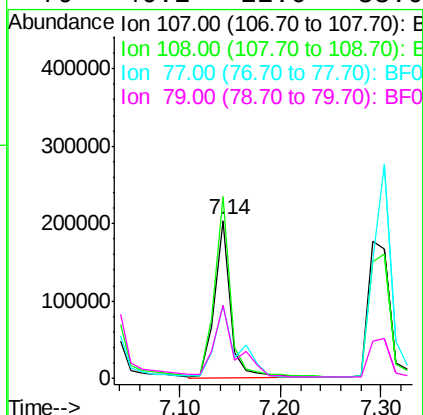
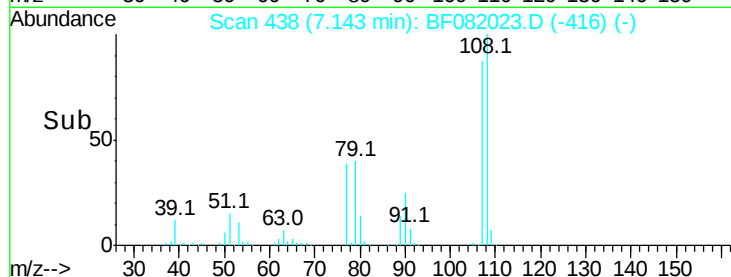
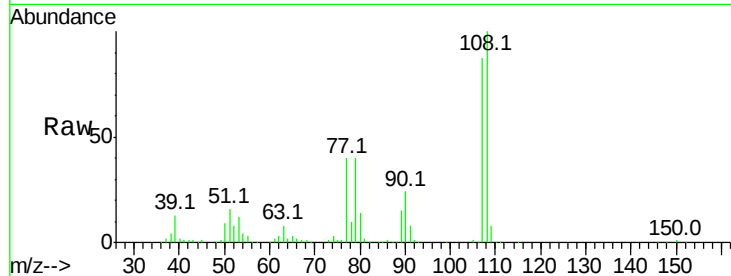
#17
2-Methylphenol
Concen: 55.77 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	225034		
108	115.0	96.6	145.0	
77	46.1	23.3	34.9	
79	46.2	22.0	33.0	

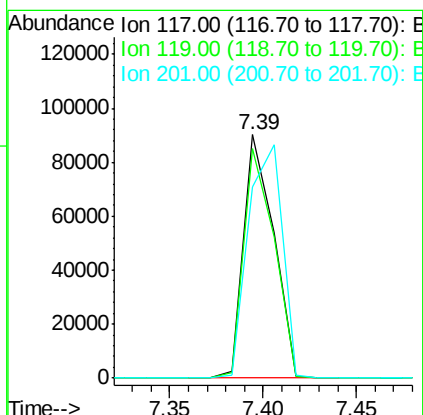
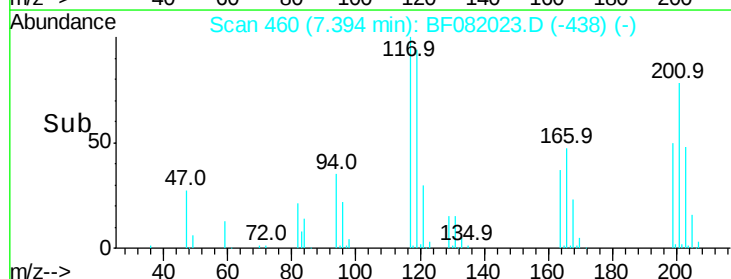
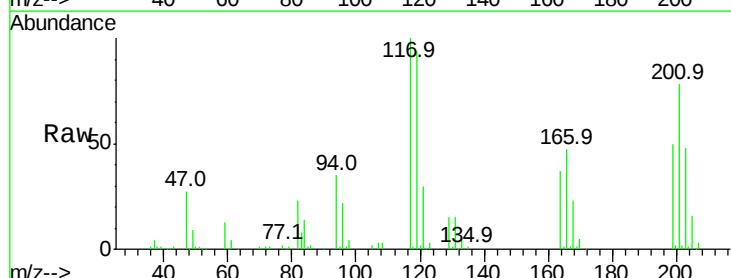
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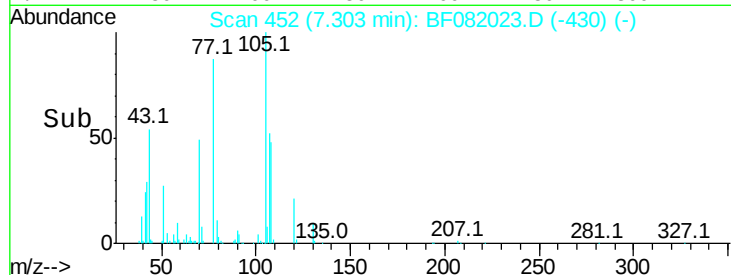
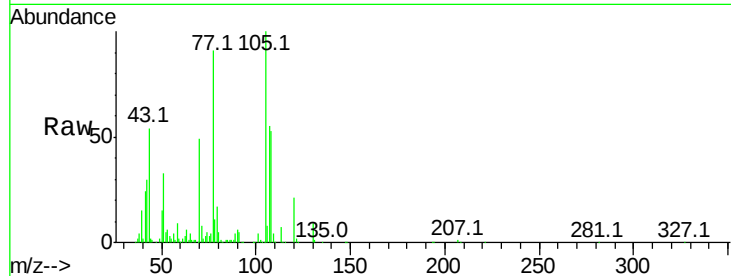
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#18
Hexachloroethane
Concen: 52.46 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100805		
119	94.0	83.8	125.6	
201	78.5	55.1	82.7	





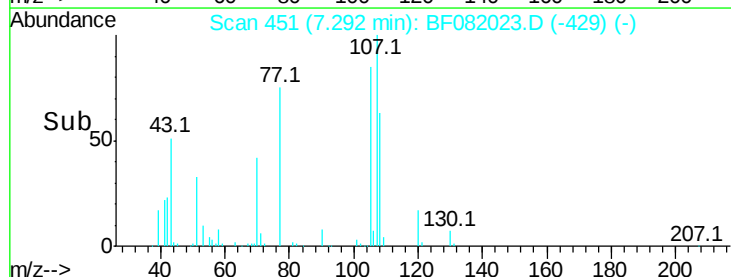
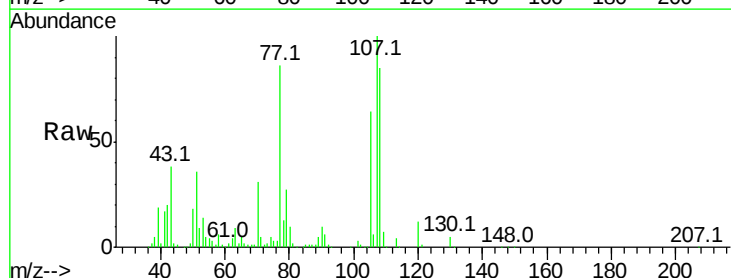
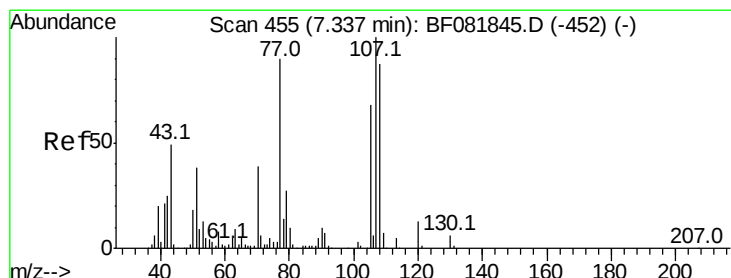
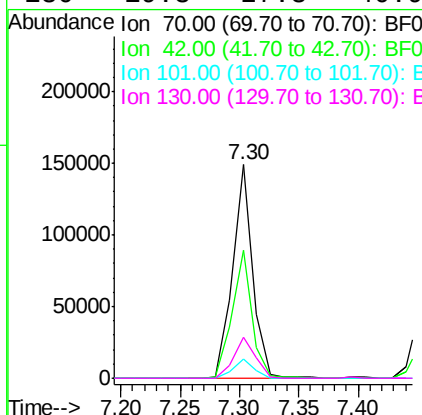
#19
n-Nitroso-di-n-propylamine
Concen: 50.86 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	63.8	95.6#
101	9.0	9.2	13.8#
130	19.3	27.3	40.9#

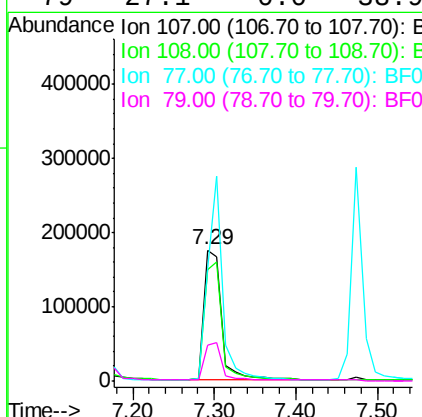
Manual Integrations
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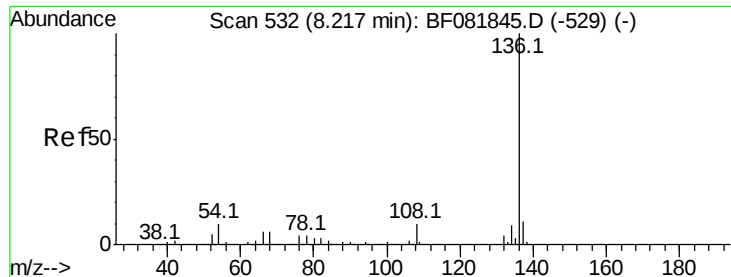
MMDADODA
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#20
3+4-Methylphenols
Concen: 53.17 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	74.6	114.6
77	86.2	0.7	40.7#
79	27.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

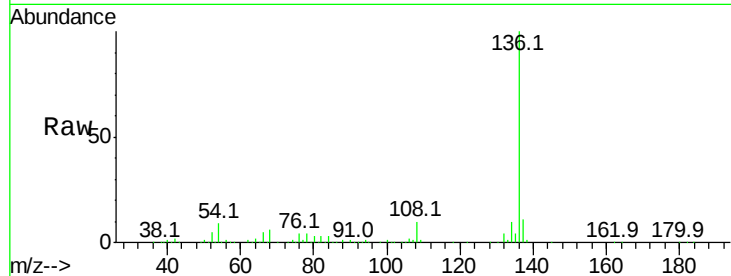
ClientSampleId :

A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.6	
54	8.9	8.2	12.2	
68	5.8	5.8	8.6	

Manual Integrations
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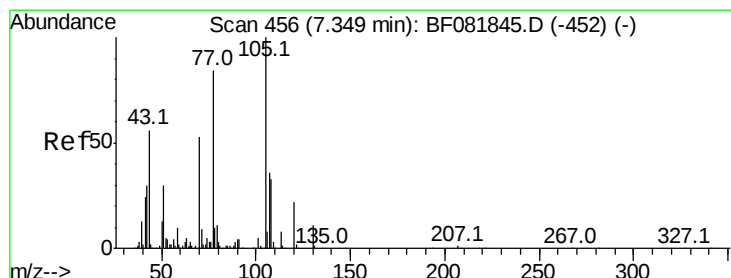
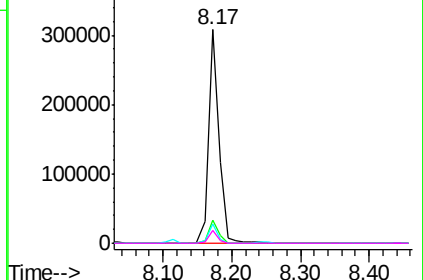
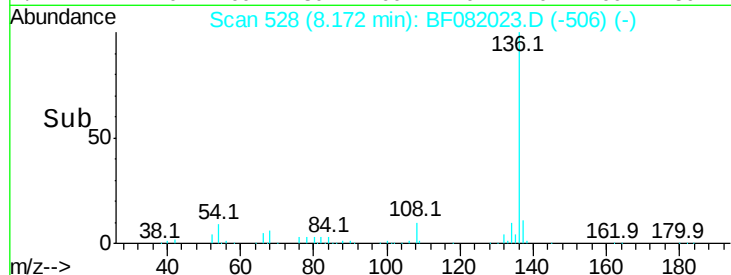


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 55.50 ng

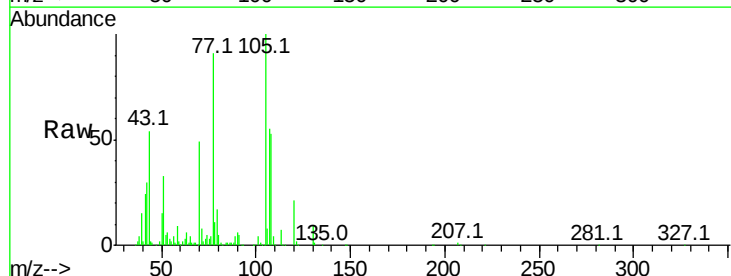
RT: 7.30 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	4.7	7.1#	
51	32.6	22.0	33.0	
120	20.8	30.1	45.1#	

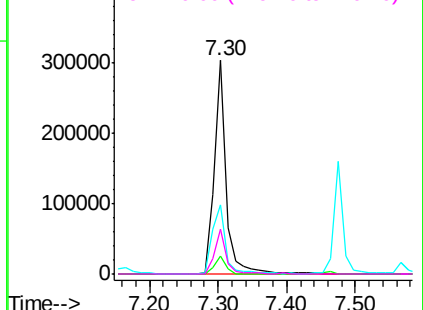
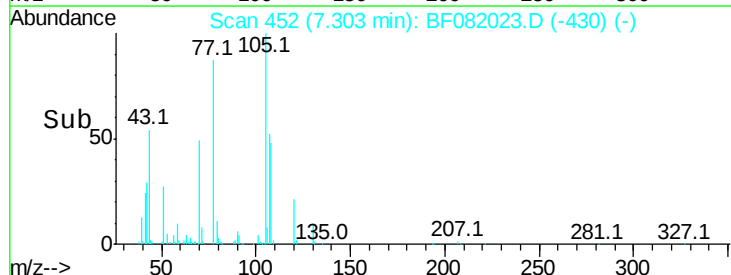


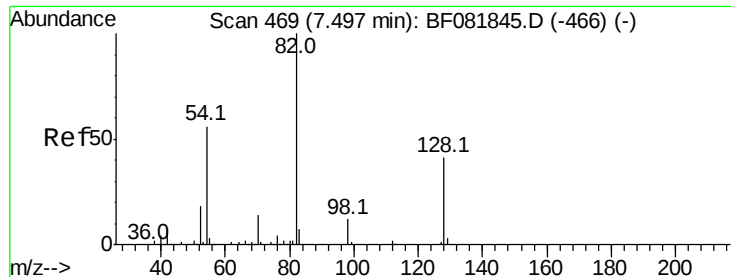
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





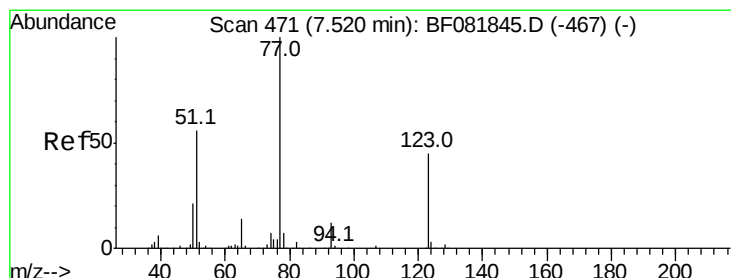
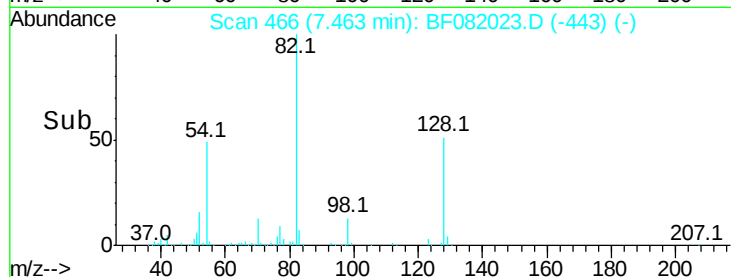
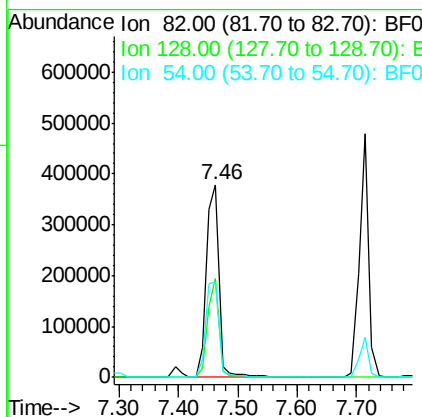
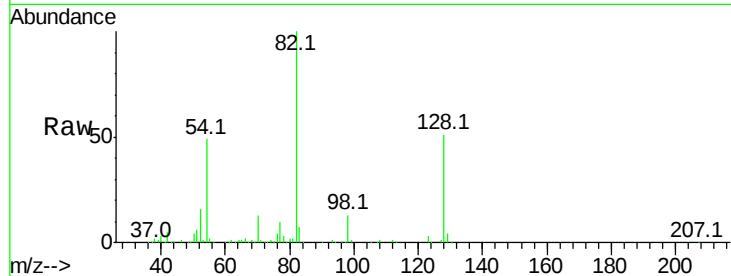
#23
 Nitrobenzene-d5
 Concen: 116.96 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	51.0	76.6
54	49.2	47.5	71.3

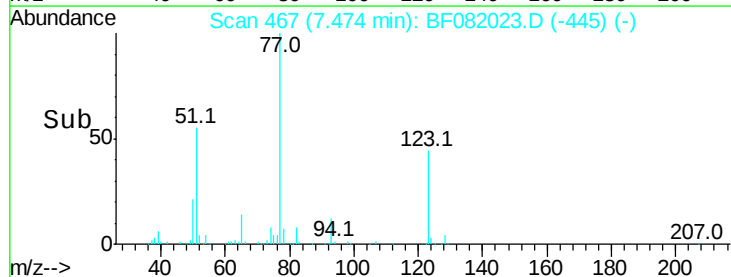
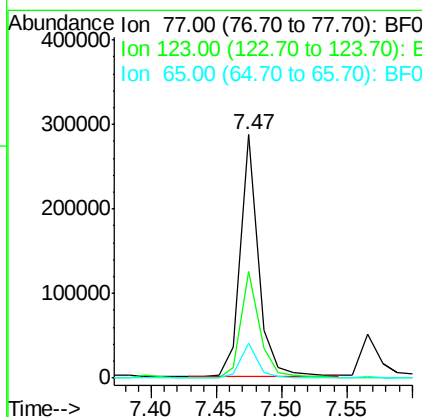
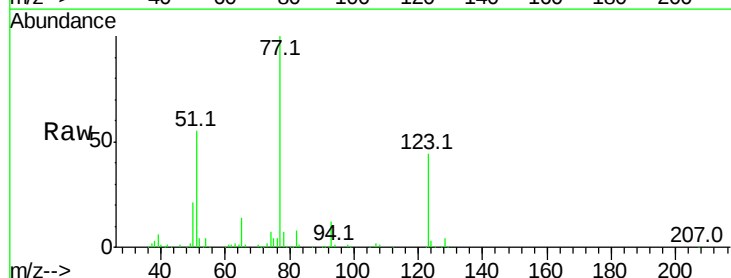
Manual Integrations
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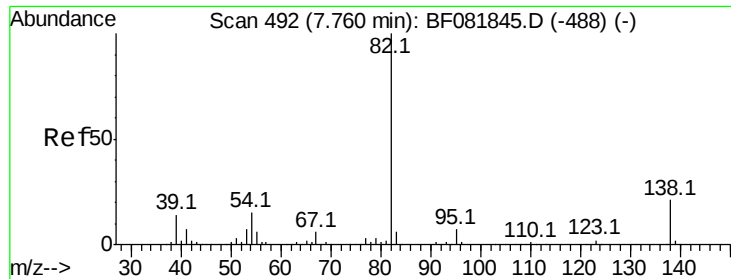
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#24
 Nitrobenzene
 Concen: 51.36 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	59.8	89.8#
65	14.1	10.2	15.4





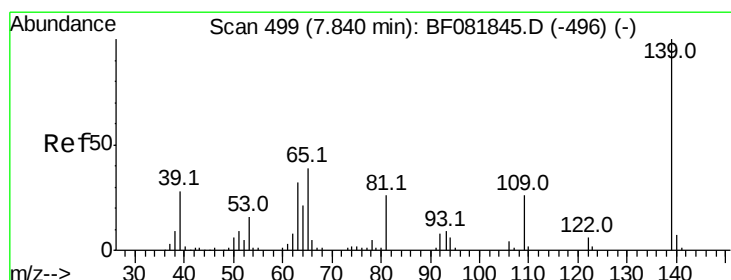
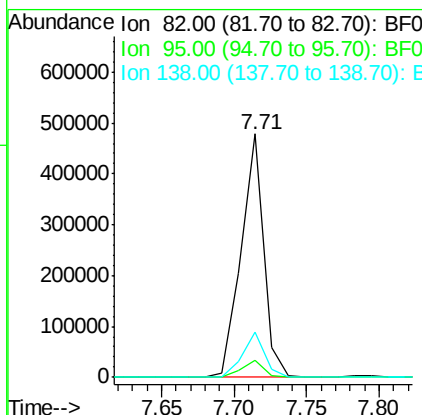
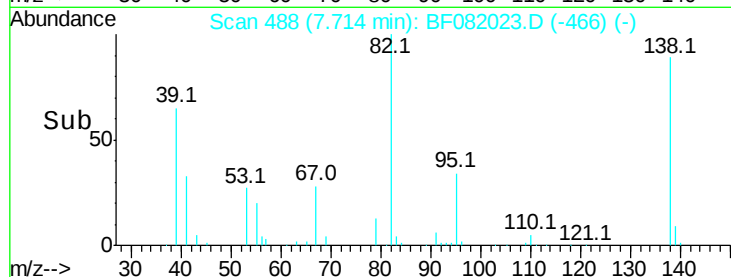
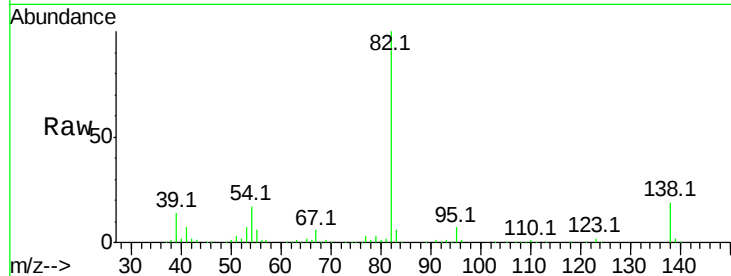
#25
Isophorone
Concen: 53.17 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	4.0	6.0#	
138	18.7	18.3	27.5	

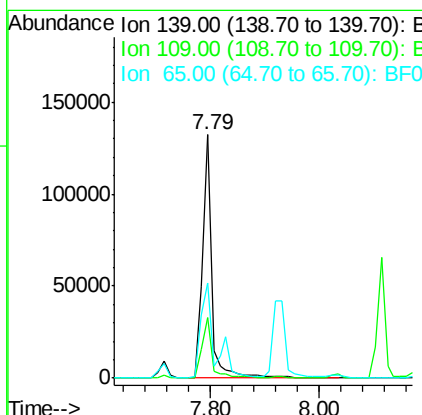
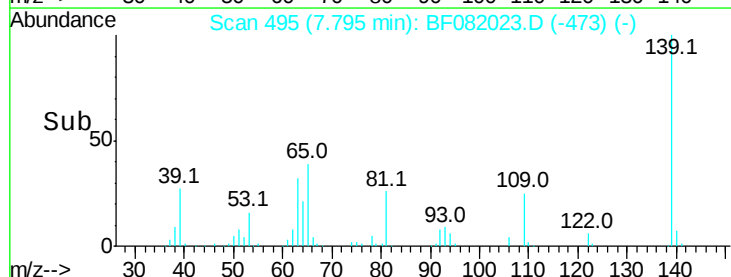
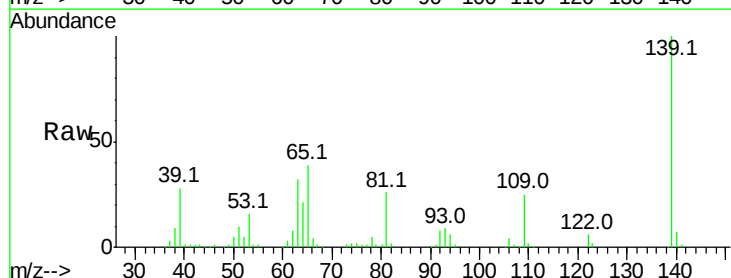
Manual Integrations
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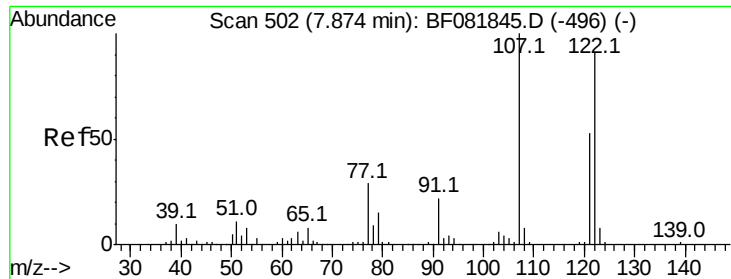
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#26
2-Nitrophenol
Concen: 60.65 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.9	11.0	16.4#	
65	39.2	24.7	37.1#	





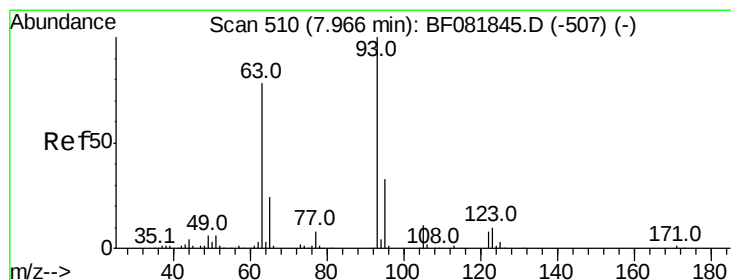
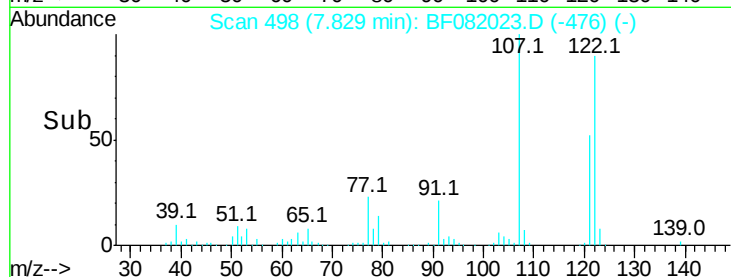
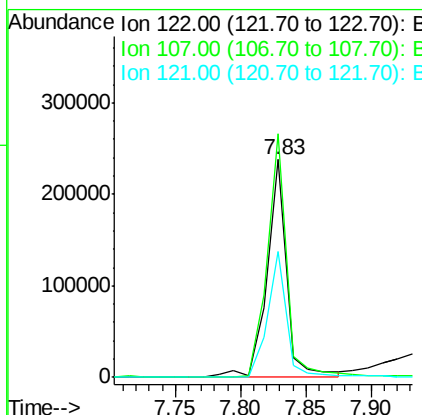
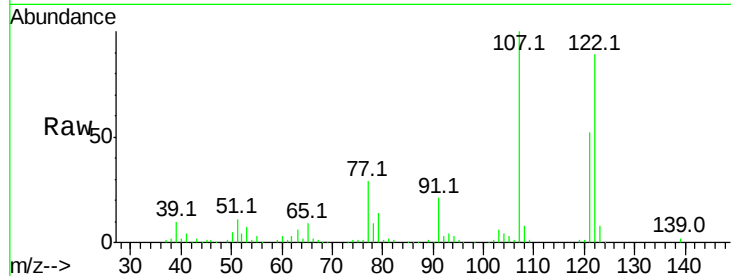
#27
2,4-Dimethylphenol
Concen: 56.68 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	71.8	107.6#
121	58.1	42.3	63.5

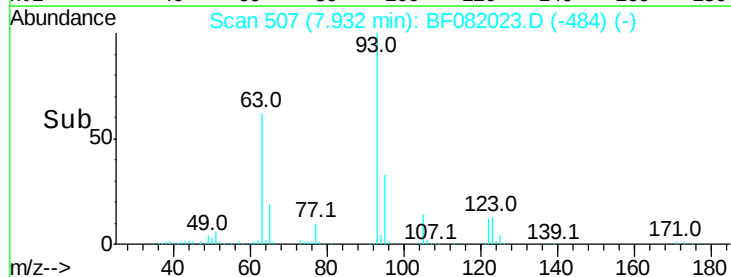
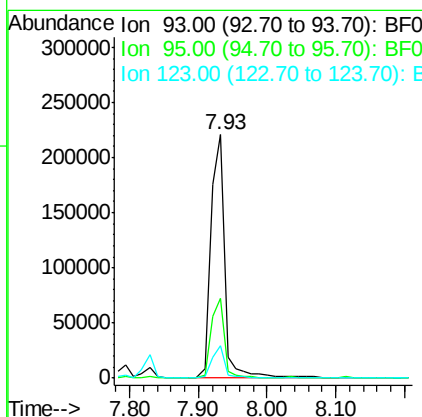
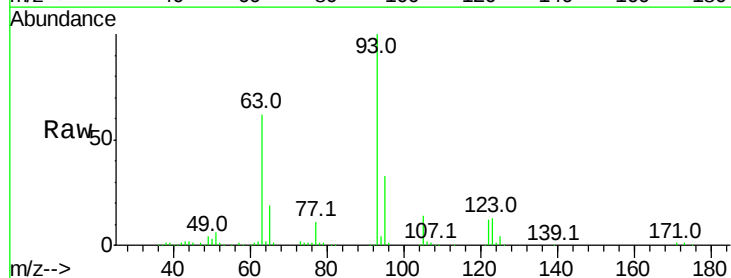
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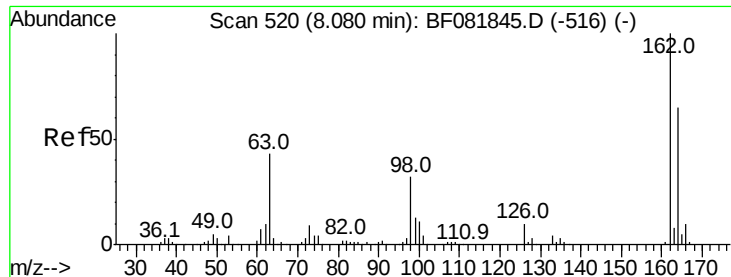
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#28
bis(2-Chloroethoxy)methane
Concen: 54.10 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.5	41.3
123	13.1	13.7	20.5#





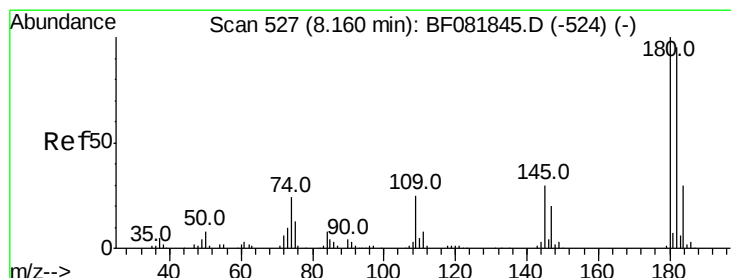
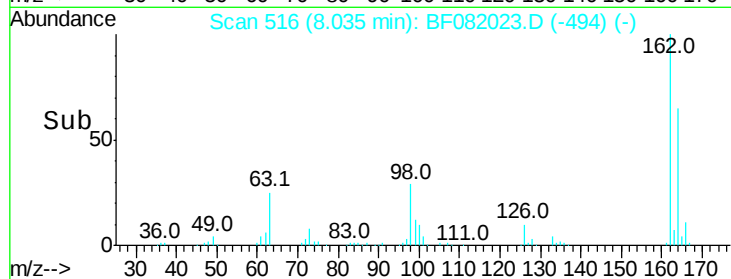
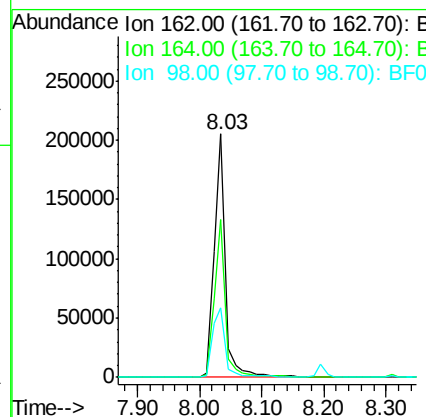
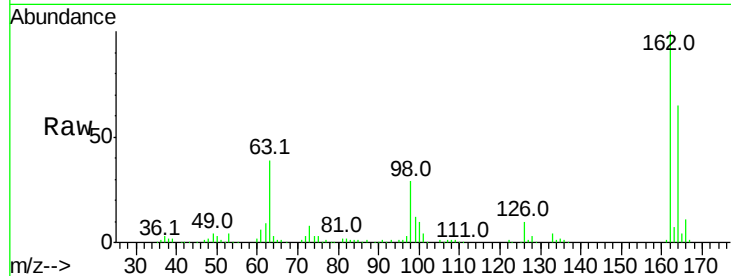
#29
 2,4-Dichlorophenol
 Concen: 59.22 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	257515		
164	65.0	44.9	84.9	
98	28.8	13.0	53.0	

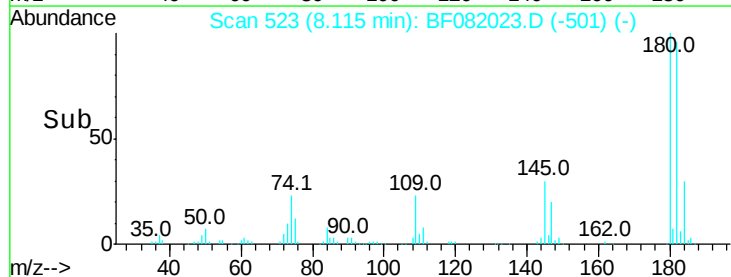
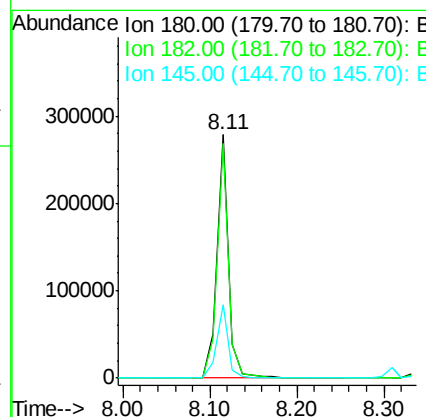
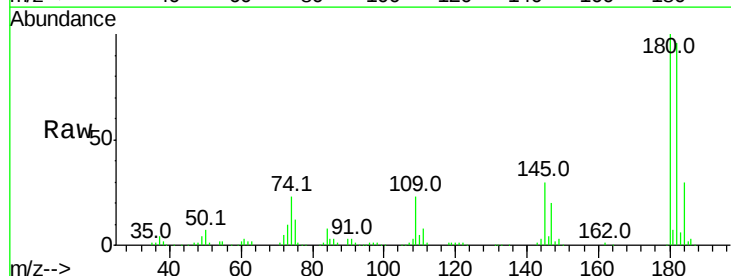
Manual Integrations
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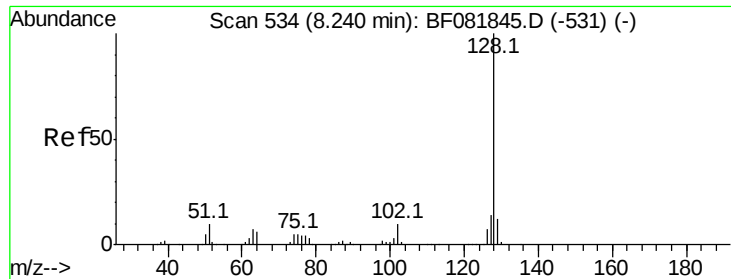
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#30
 1,2,4-Trichlorobenzene
 Concen: 54.02 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262238		
182	96.3	77.1	115.7	
145	30.2	23.3	34.9	





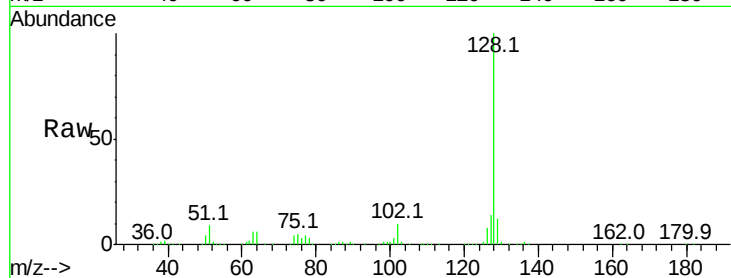
#31
Naphthalene
Concen: 51.28 ng/ml
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

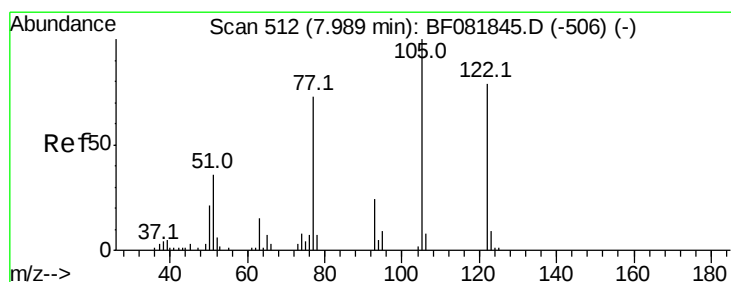
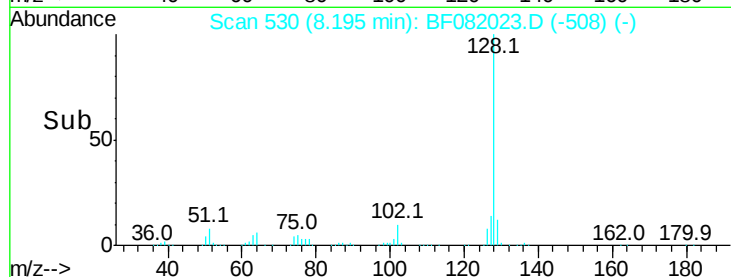
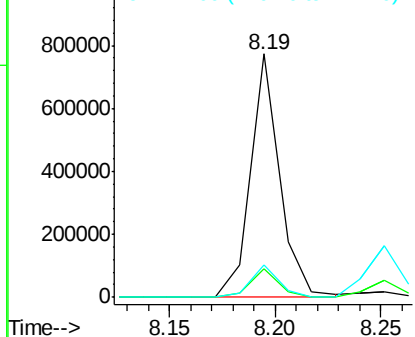
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.4	12.6	
127	13.5	9.9	14.9	

Manual Integrations
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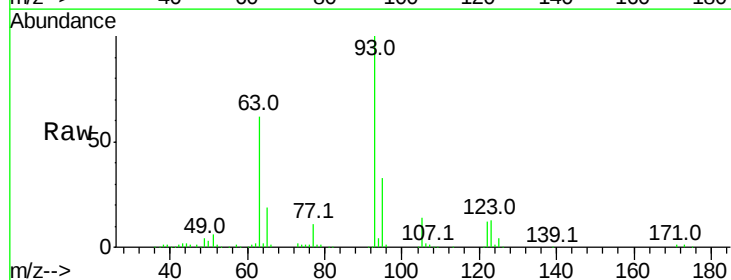


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

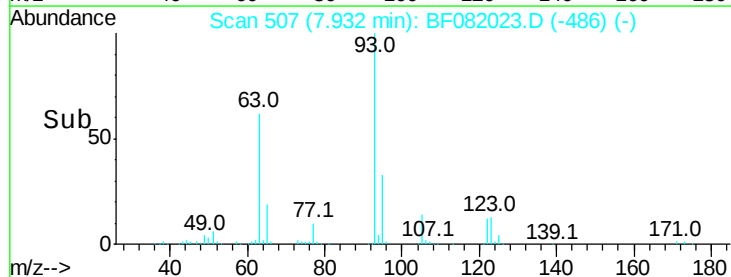
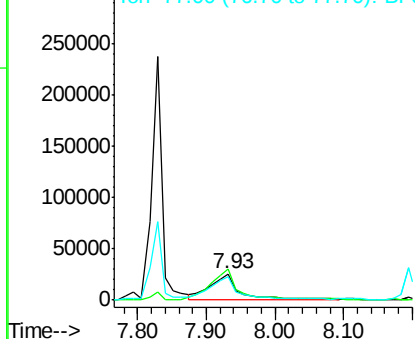


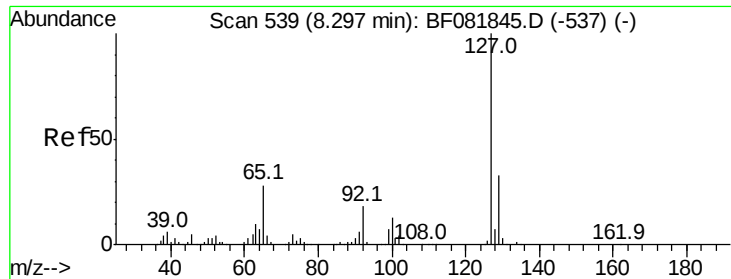
#32
Benzoic acid
Concen: 30.22 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.7	76.1	116.1#	
77	92.3	40.5	80.5#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





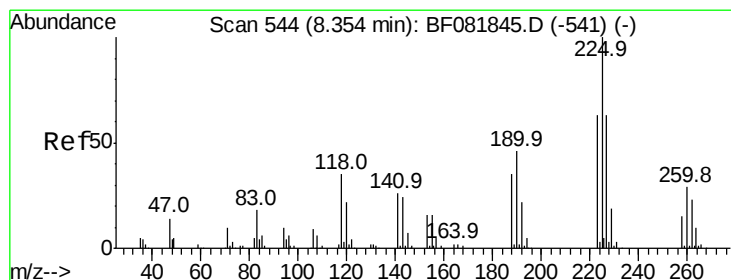
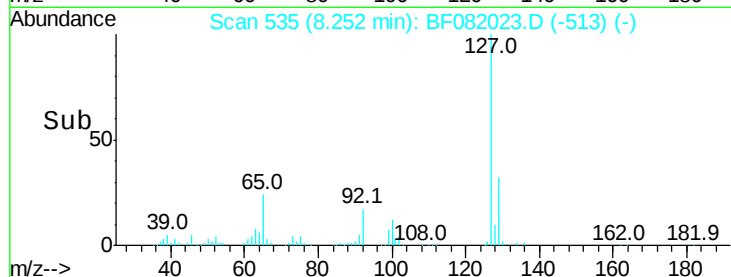
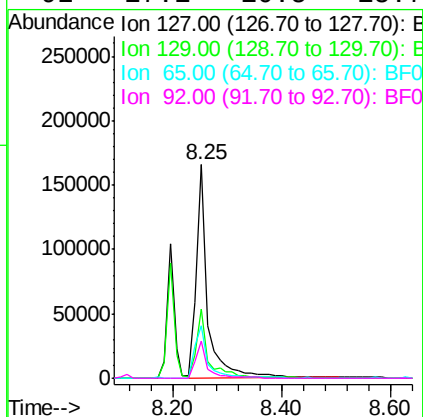
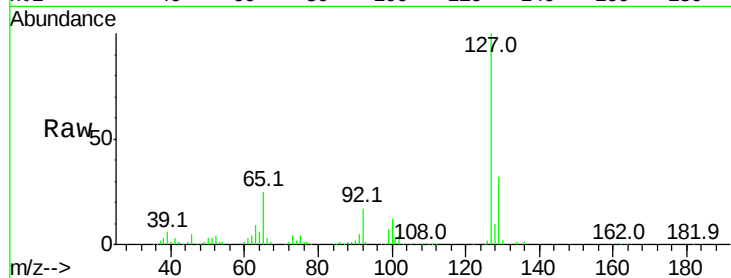
#33
 4-Chloroaniline
 Concen: 37.44 ng
 RT: 8.25 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.6		
65	24.8	17.9	26.9		
92	17.1	10.5	15.7		

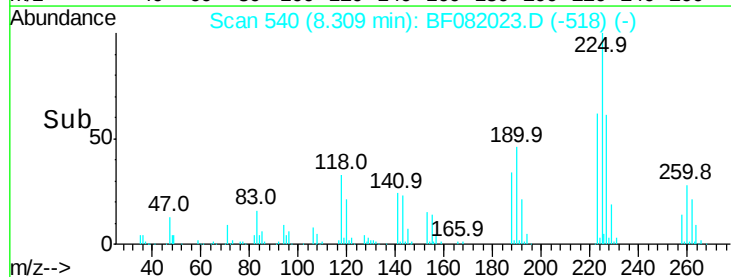
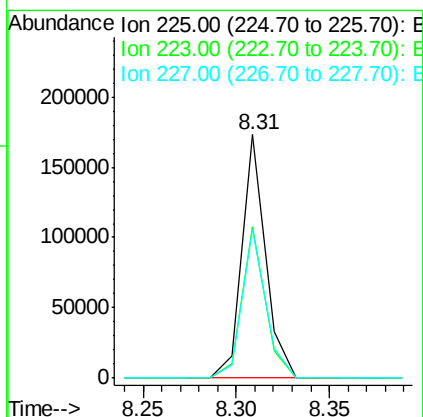
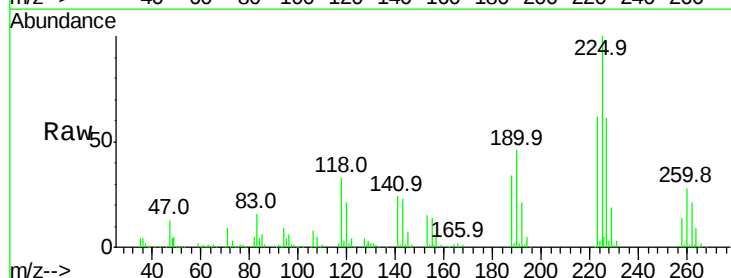
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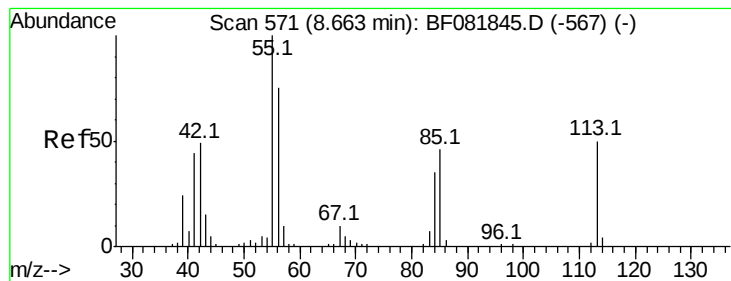
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#34
 Hexachlorobutadiene
 Concen: 53.17 ng
 RT: 8.31 min Scan# 540
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.2	75.2		
227	61.4	52.2	78.2		





#35

Caprolactam

Concen: 60.61 ng/mL

RT: 8.63 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

Tot Ion:113 Resp: 72967

Ion Ratio Lower Upper

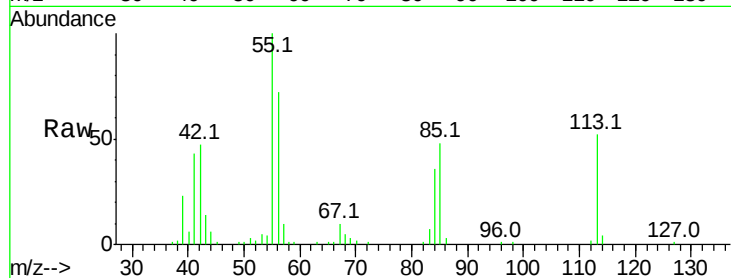
113 100

55 192.6 152.4 192.4#

56 139.0 104.6 144.6

Manual Integrations
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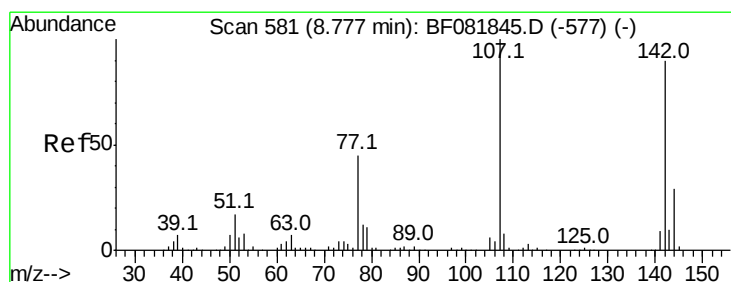
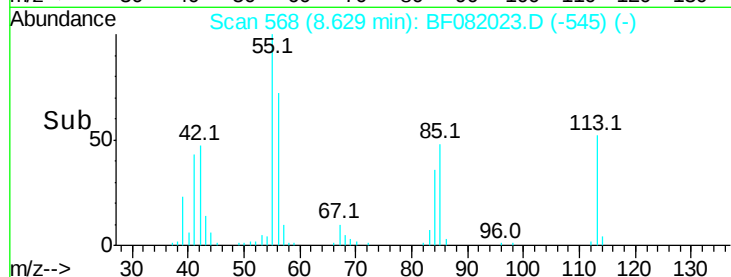
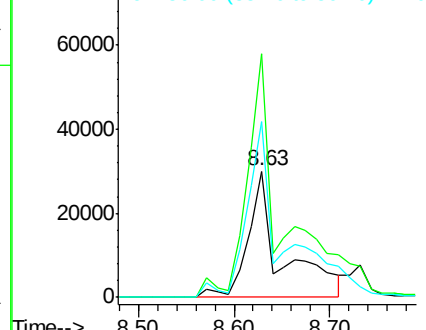
MMDADODA
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 61.15 ng/mL

RT: 8.73 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

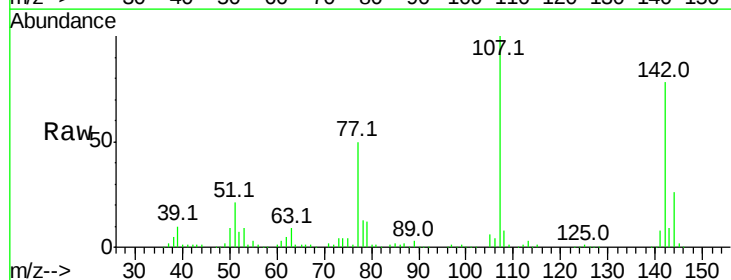
Tgt Ion:107 Resp: 260029

Ion Ratio Lower Upper

107 100

144 25.5 25.4 38.0

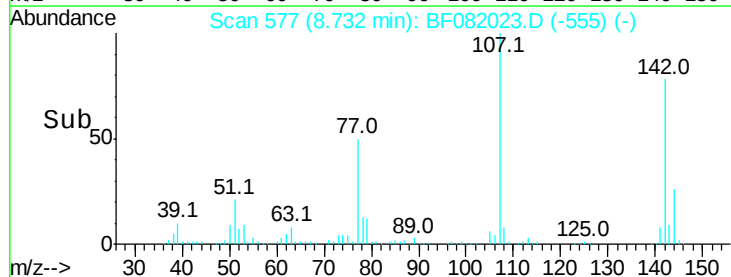
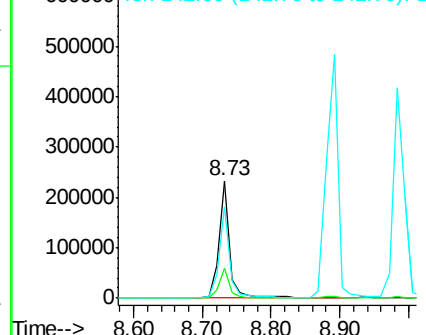
142 77.8 77.3 115.9

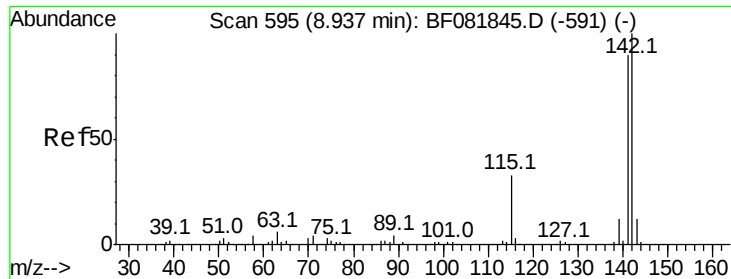


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





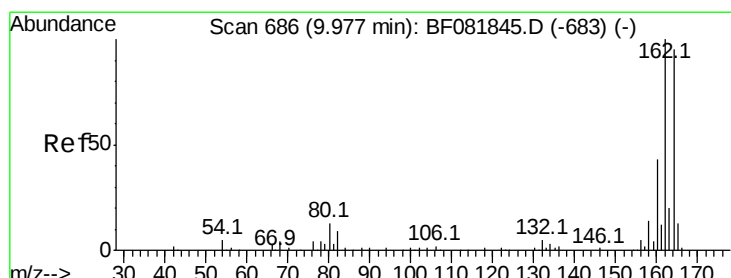
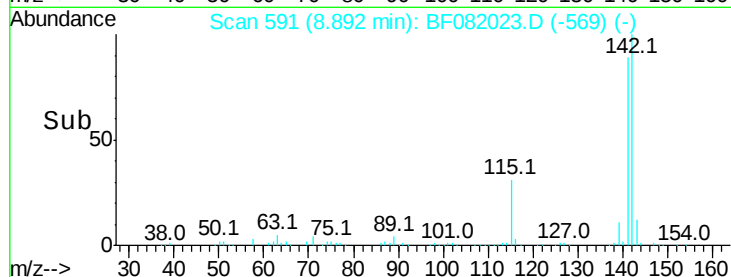
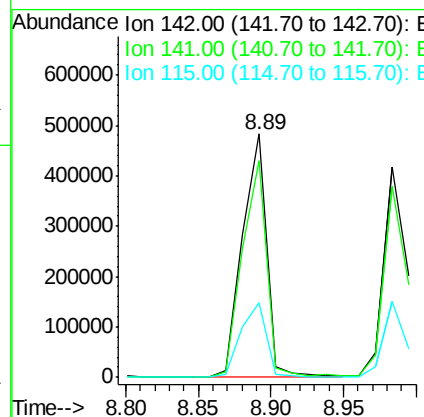
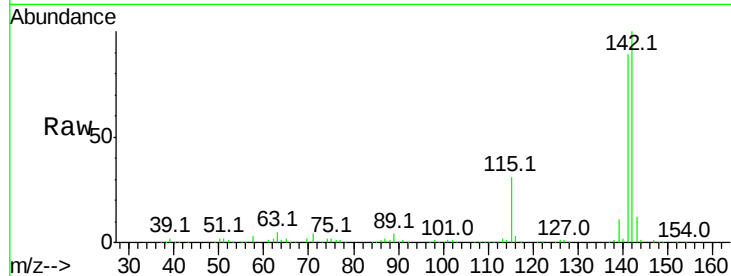
#37
2-Methylnaphthalene
Concen: 57.16 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.5	101.3
115	30.6	18.2	27.2#

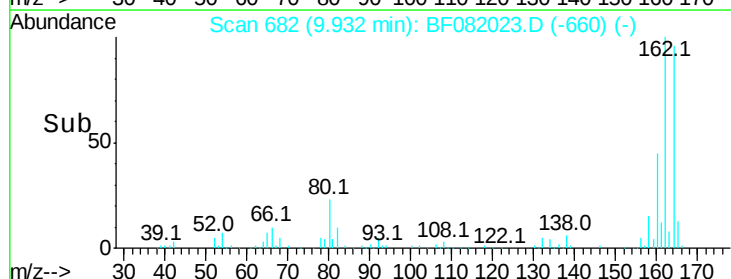
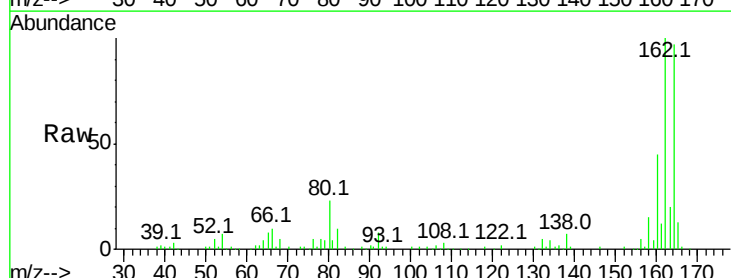
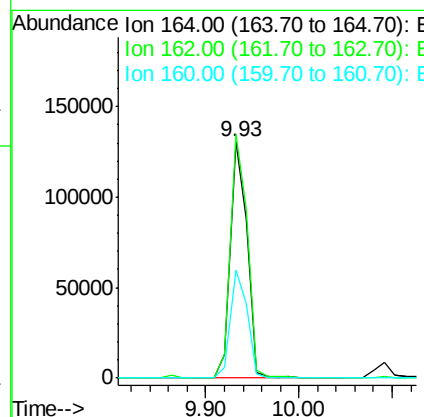
Manual Integrations
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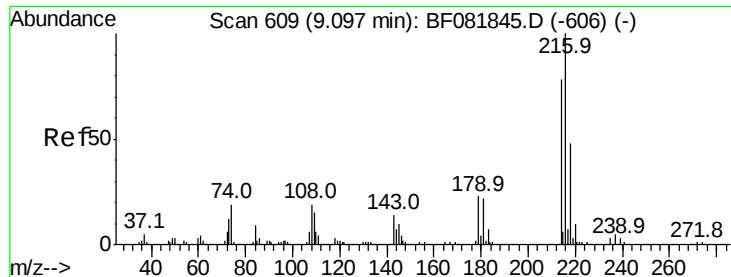
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	45.9	31.5	47.3





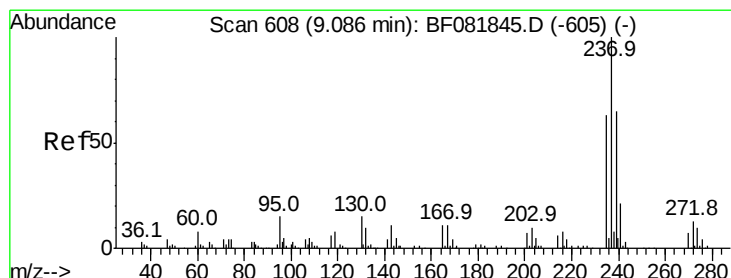
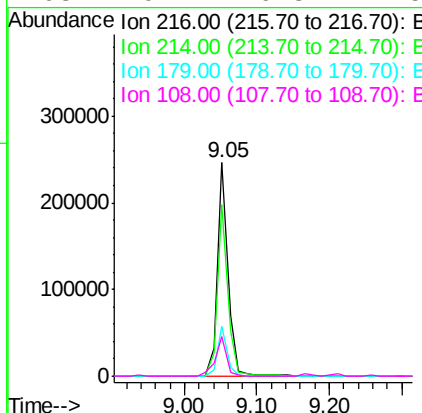
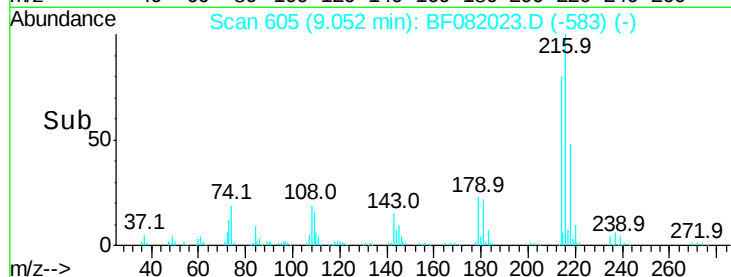
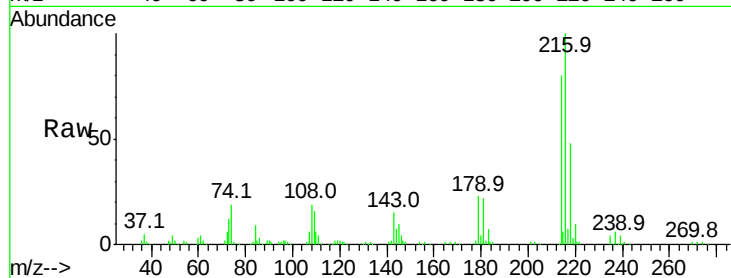
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.03 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Manual Integrations
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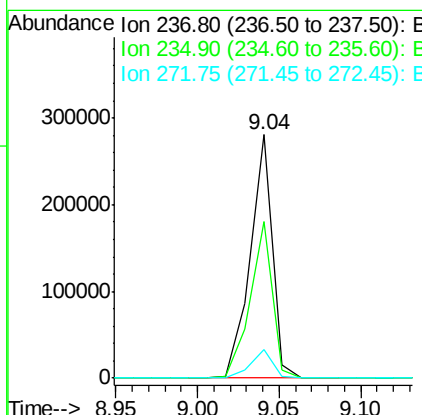
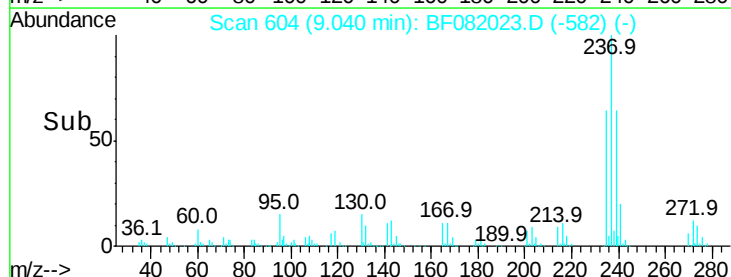
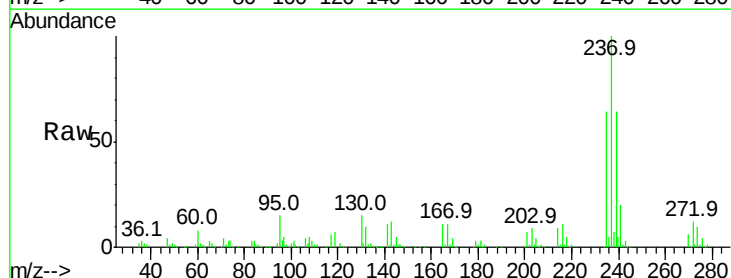
MMDADODA
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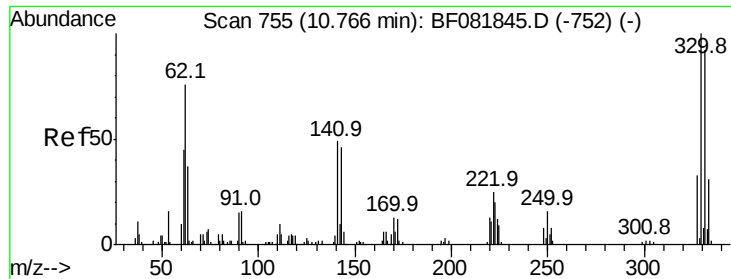
Tot Ion	Ratio	Resp	Lower	Upper
216	100	250913		
214	79.3	63.5	95.3	
179	21.5	16.6	24.8	
108	19.7	16.3	24.5	



#40
 Hexachlorocyclopentadiene
 Concen: 101.99 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	263392		
235	64.3	42.0	82.0	
272	11.8	0.0	36.1	





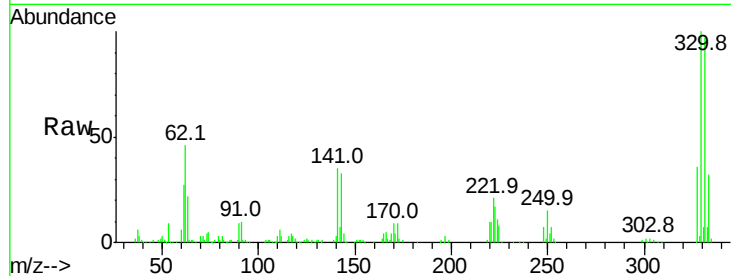
#41
 2,4,6-Tribromophenol
 Concen: 153.02 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

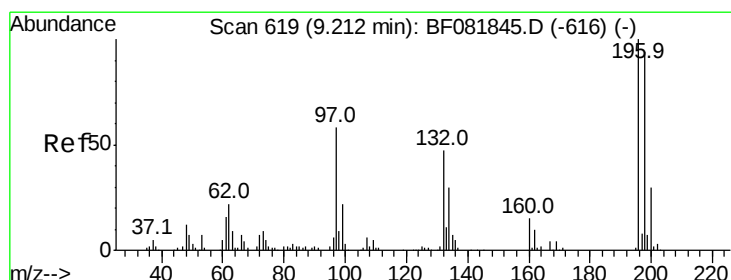
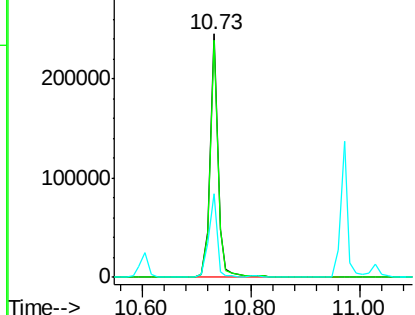
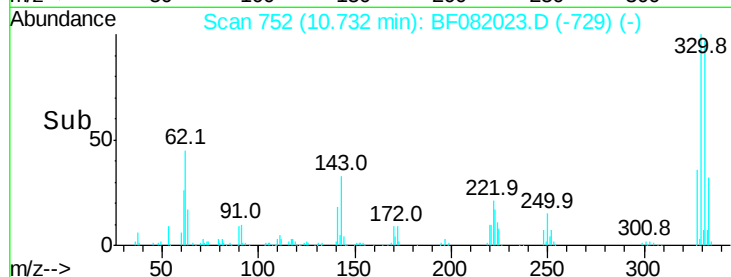
Tot Ion	Ratio	Resp	Lower	Upper
330	100	253137		
332	97.5	76.6	114.8	
141	36.3	29.7	44.5	

Manual Integrations
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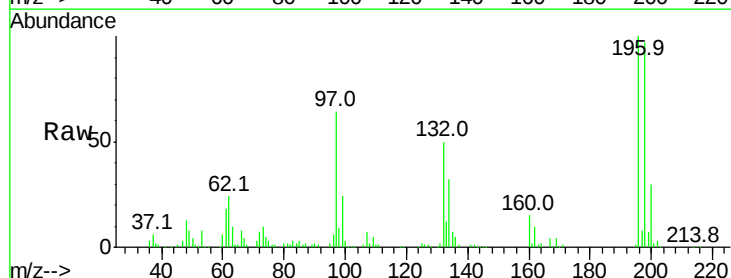


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

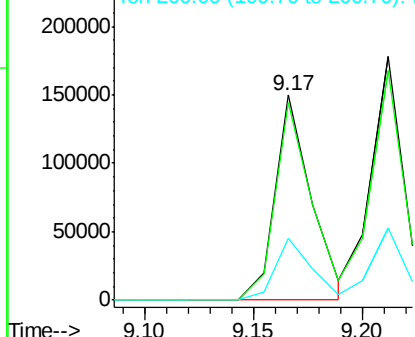
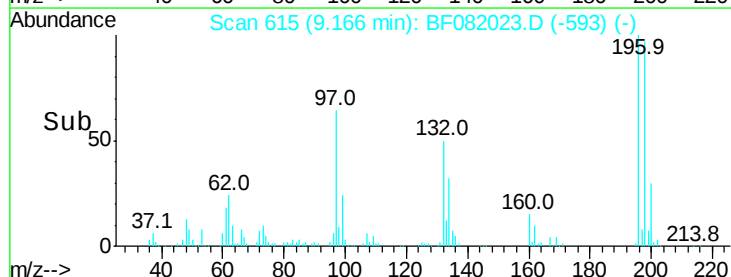


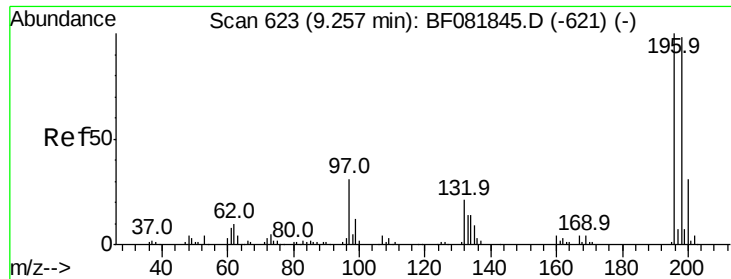
#42
 2,4,6-Trichlorophenol
 Concen: 50.70 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174297		
198	96.6	75.7	113.5	
200	30.1	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





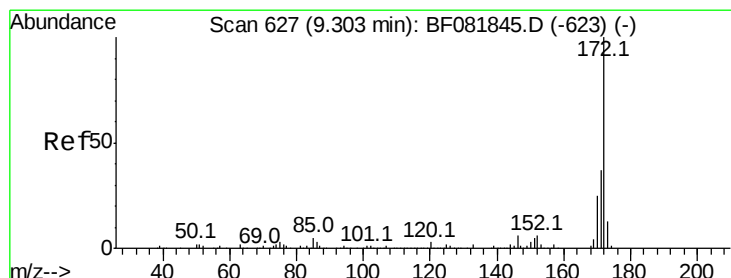
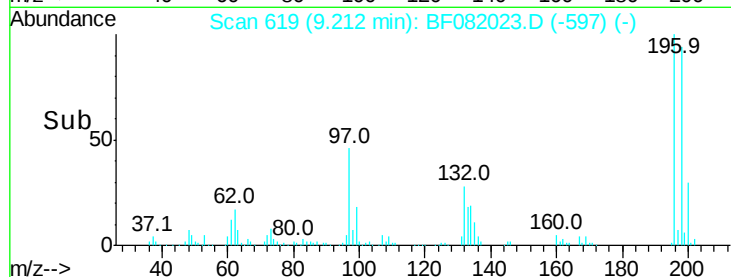
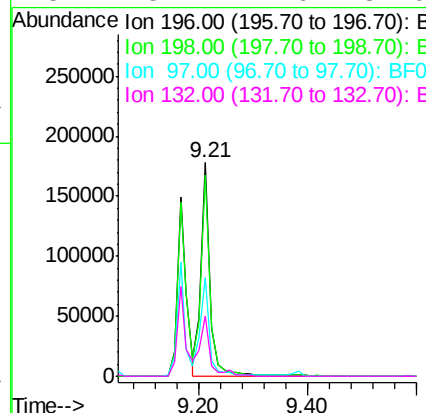
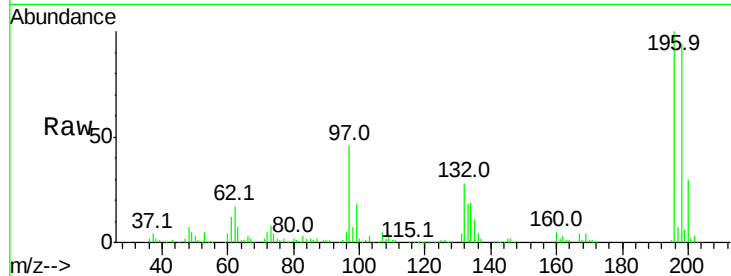
#43
 2,4,5-Trichlorophenol
 Concen: 57.86 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	196	Resp	204548
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.4	113.0
97	46.3	33.3	49.9
132	28.1	24.6	37.0

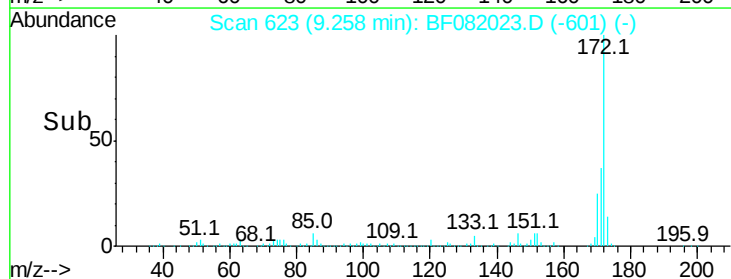
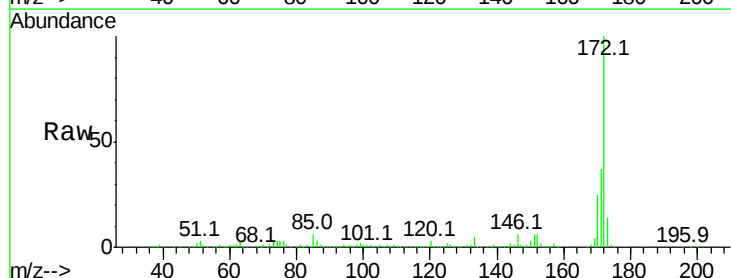
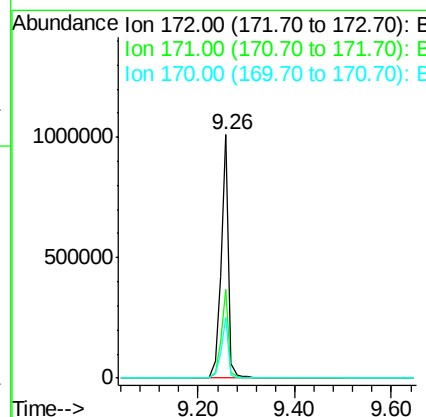
Manual Integrations
 APPROVED

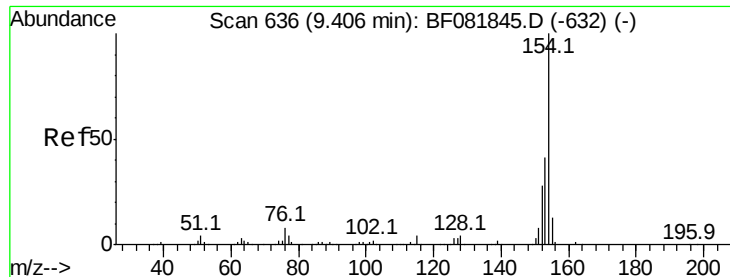
MMDADODA
 10/5/2015 6:28:14 PM



#44
 2-Fluorobiphenyl
 Concen: 123.69 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	172	Resp	1102831
Ion Ratio	Lower	Upper	
172	100		
171	36.6	26.1	39.1
170	25.0	17.4	26.2





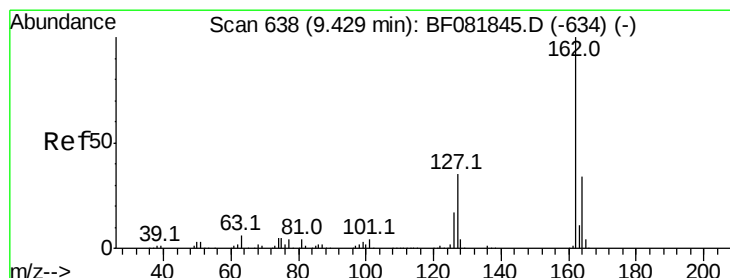
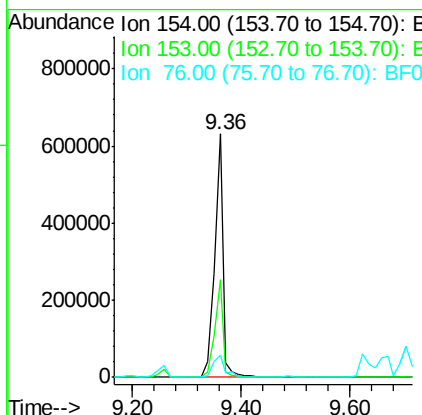
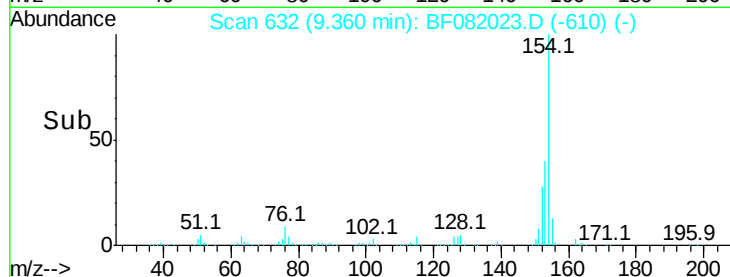
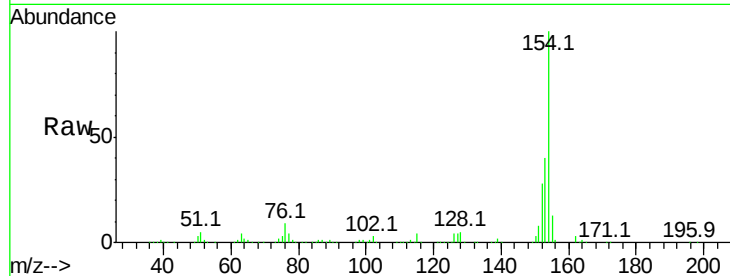
#45
1,1'-Biphenyl
Concen: 55.49 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	17.1	57.1	
76	8.9	0.0	31.6	

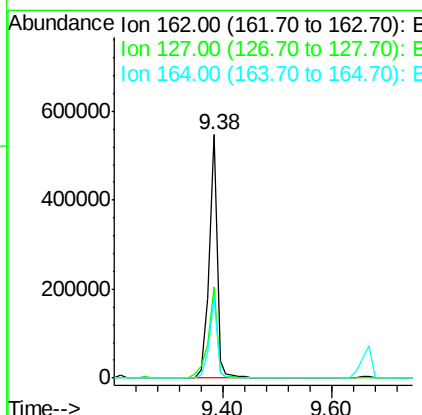
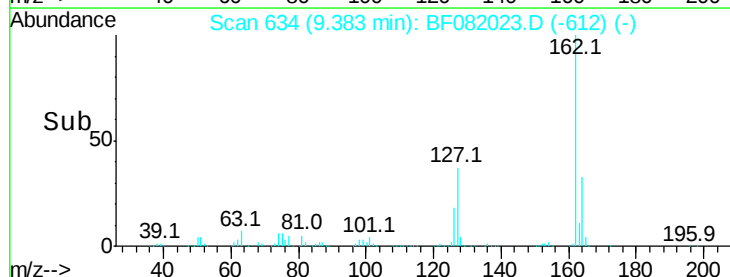
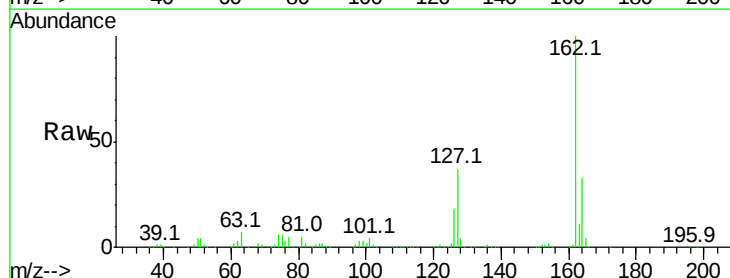
Manual Integrations
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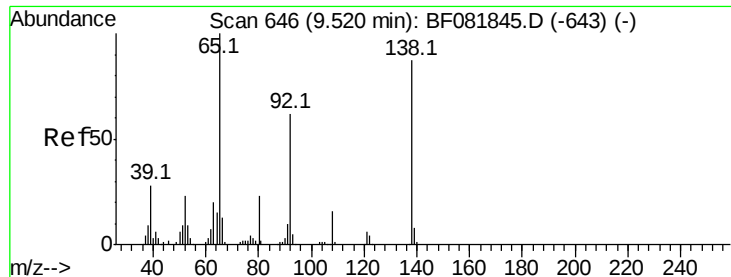
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#46
2-Chloronaphthalene
Concen: 56.74 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	27.6	41.4	
164	33.1	25.4	38.2	





#47

2-Nitroaniline

Concen: 58.57 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

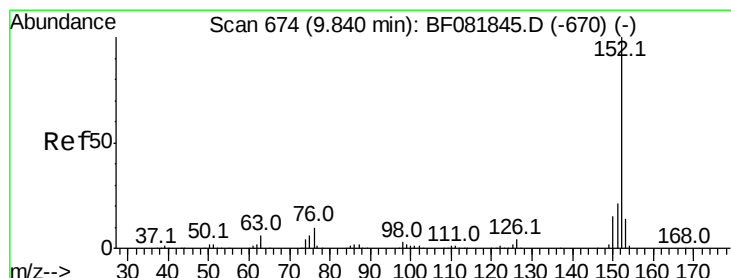
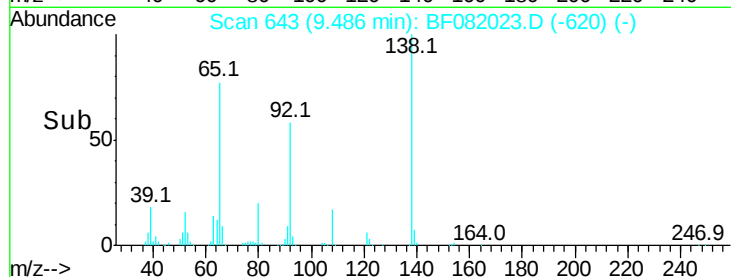
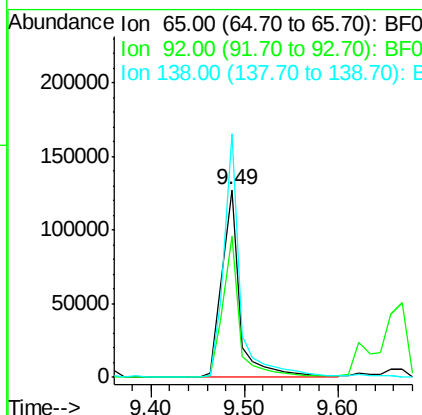
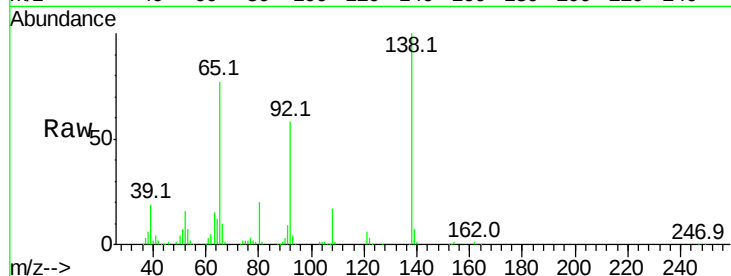
ClientSampleId :

A3-COMPMSD

Tot Ion:	65	Resp:	170121
Ion Ratio	Lower	Upper	
65	100		
92	75.0	55.4	83.0
138	129.6	115.5	173.3

Manual Integrations
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#48

Acenaphthylene

Concen: 50.89 ng

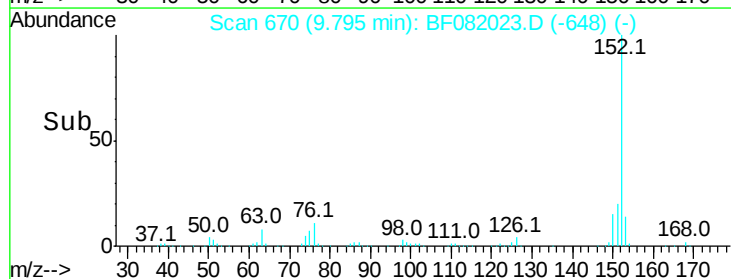
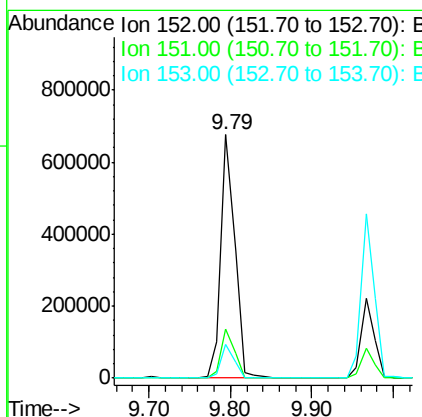
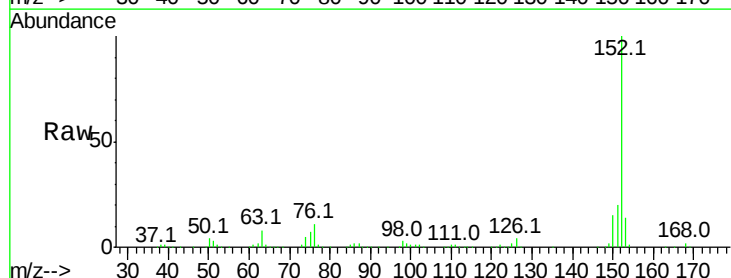
RT: 9.79 min Scan# 670

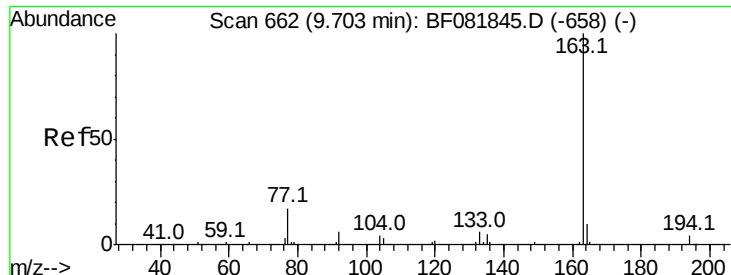
Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	152	Resp:	805945
Ion Ratio	Lower	Upper	
152	100		
151	20.1	14.6	22.0
153	13.8	10.3	15.5





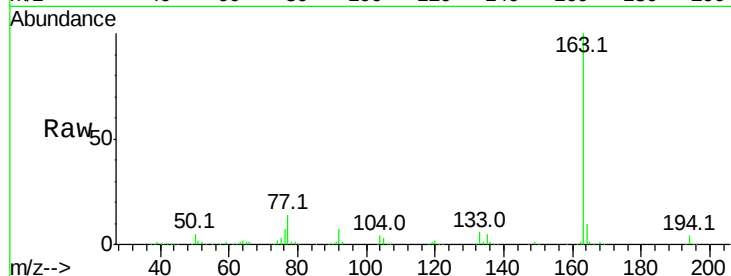
#49
Dimethylphthalate
Concen: 81.22 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

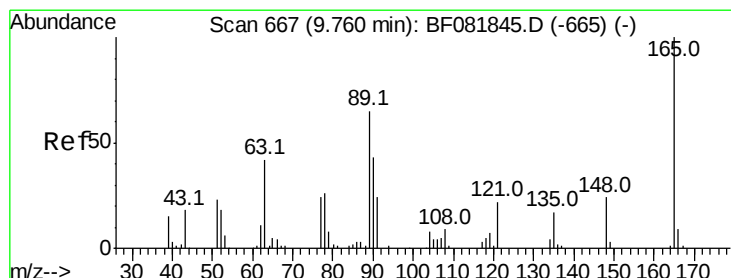
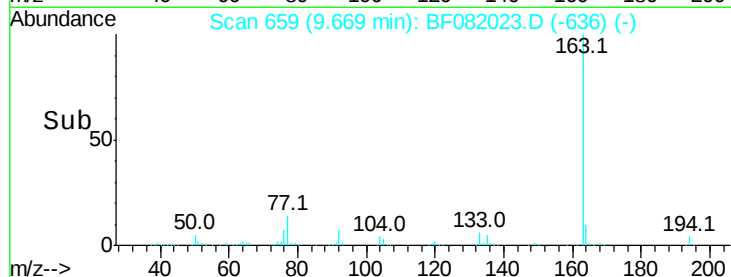
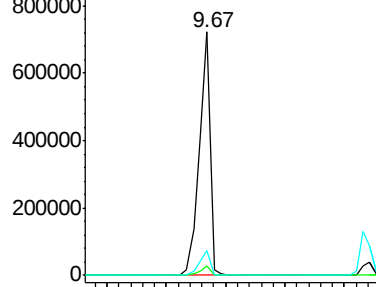
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	10.1	8.3	12.5

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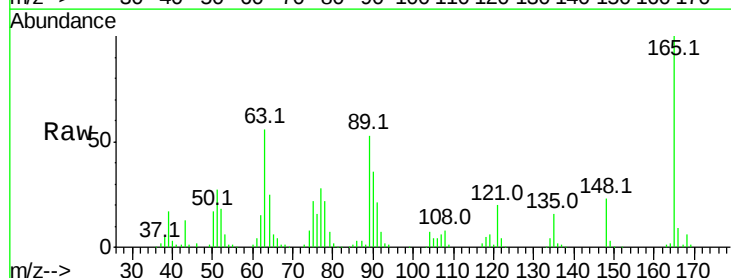


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

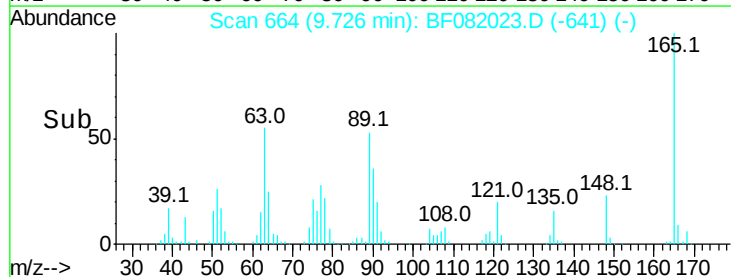
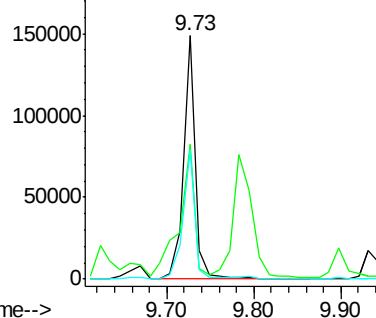


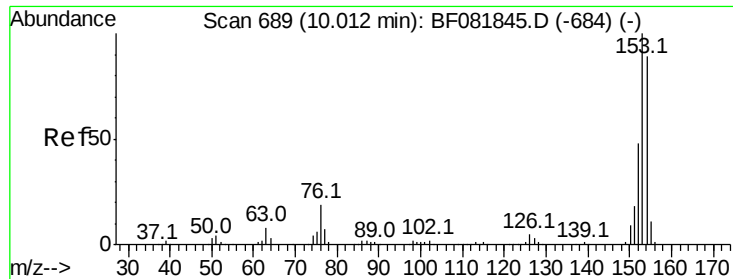
#50
2,6-Dinitrotoluene
Concen: 58.30 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	55.6	32.3	48.5#
89	53.2	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





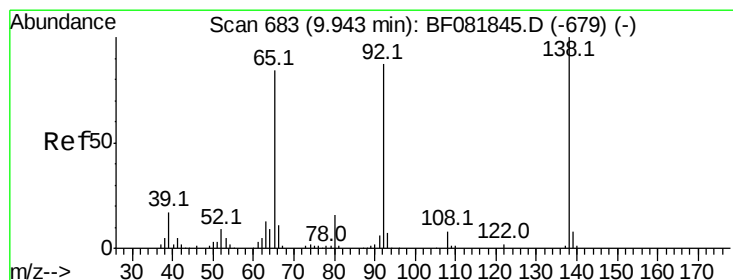
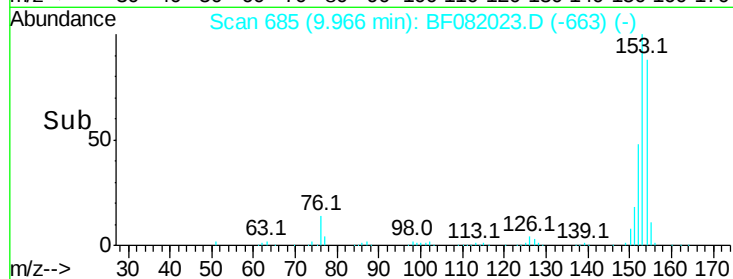
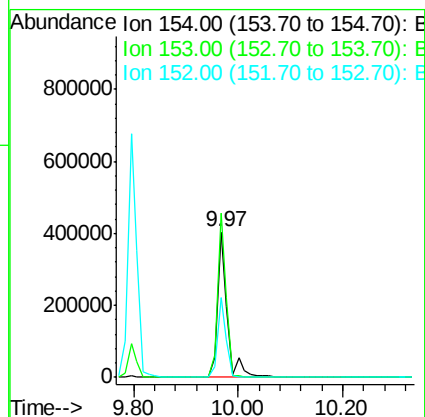
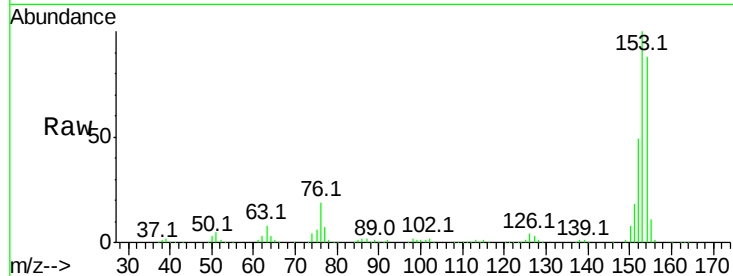
#51
Acenaphthene
Concen: 55.98 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	82.1	123.1
152	55.1	37.9	56.9

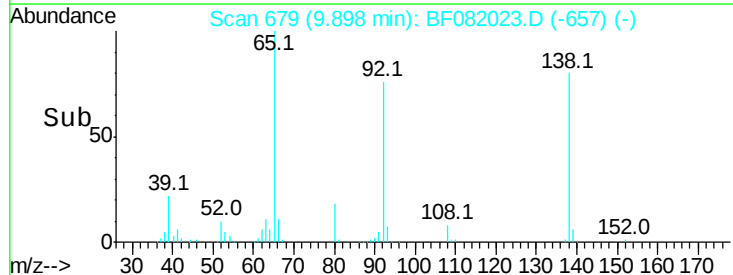
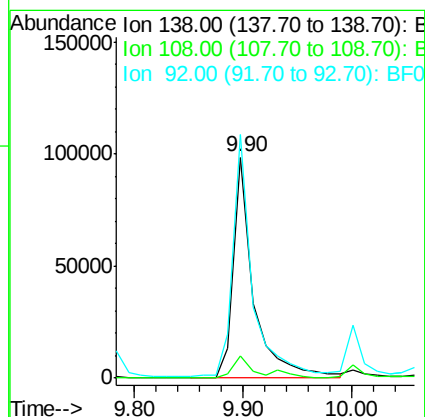
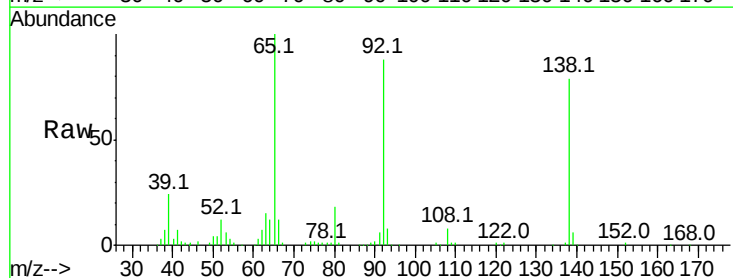
Manual Integrations
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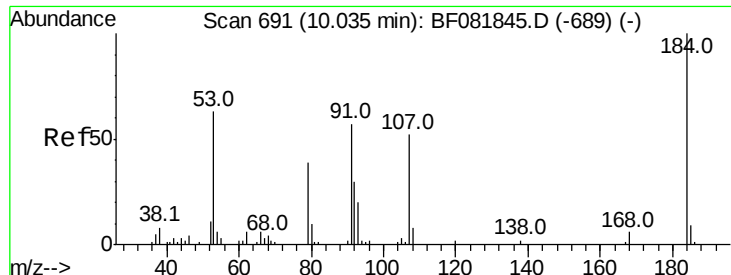
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#52
3-Nitroaniline
Concen: 44.87 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	5.7	8.5#
92	110.4	67.7	101.5#





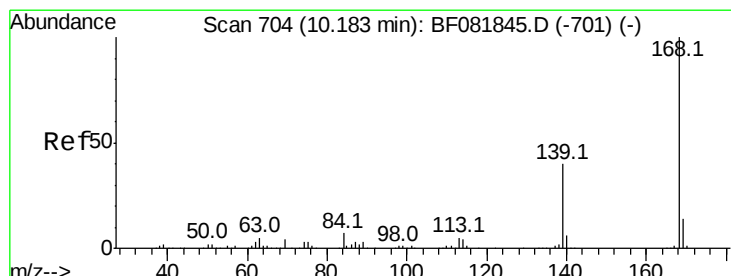
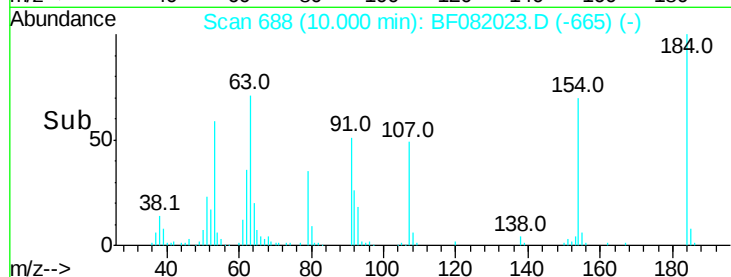
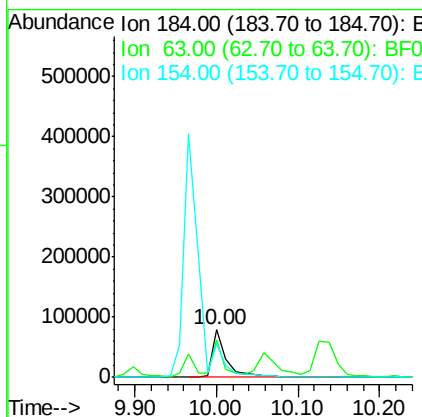
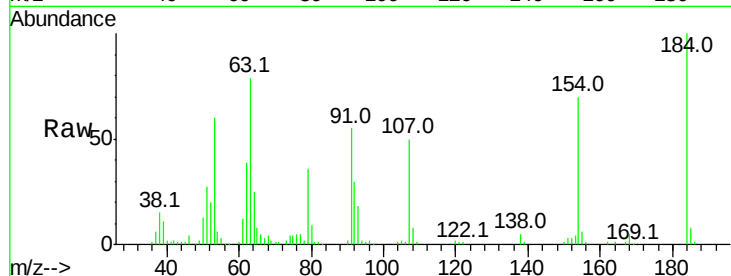
#53
 2,4-Dinitrophenol
 Concen: 81.08 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.2	35.4	53.2#
154	70.3	32.2	48.4#

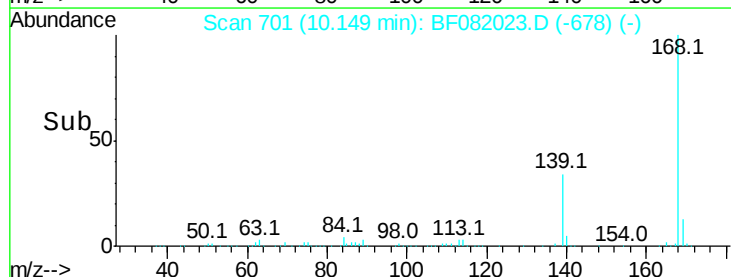
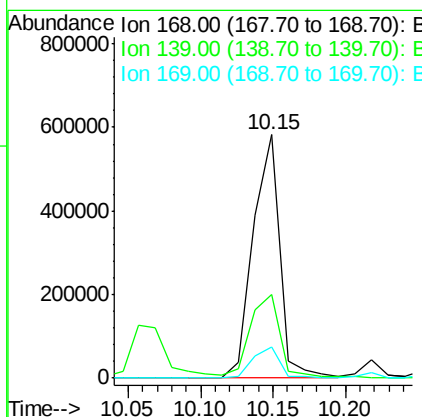
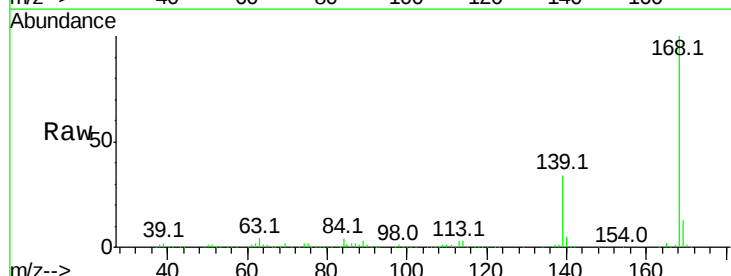
Manual Integrations
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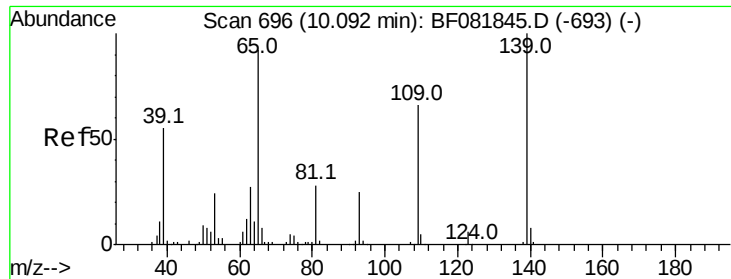
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#54
 Dibenzofuran
 Concen: 55.99 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	24.2	36.2
169	13.0	10.6	15.8





#55

4-Nitrophenol

Concen: 109.48 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

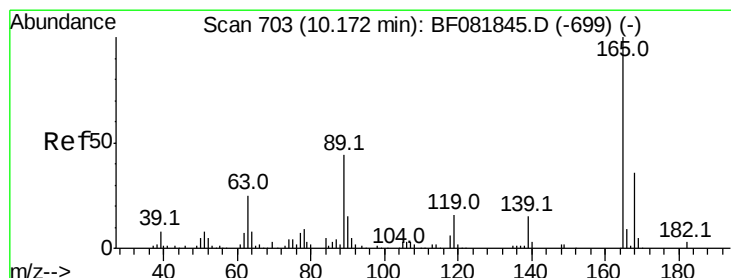
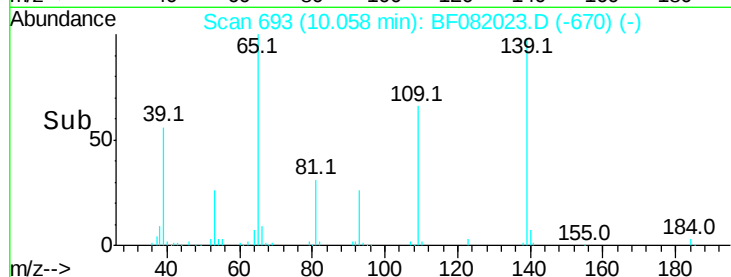
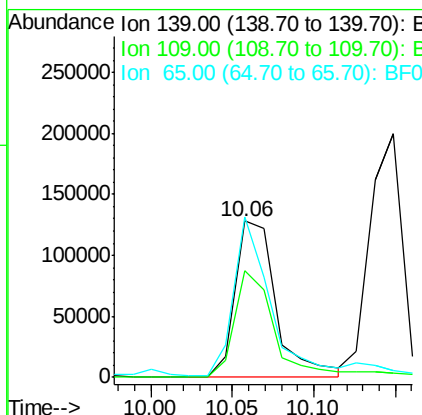
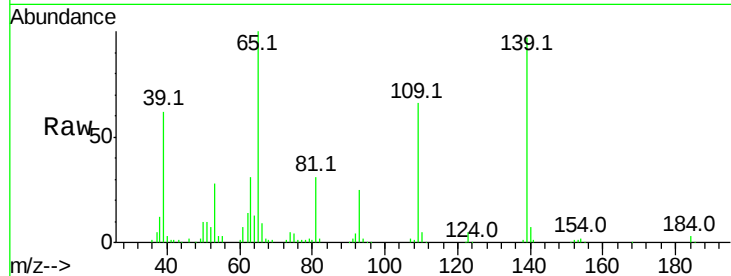
ClientSampleId :

A3-COMPMSD

Tot Ion:	139	Resp:	224034
Ion Ratio	Lower	Upper	
139	100		
109	68.2	12.7	52.7#
65	103.0	45.9	85.9#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 61.32 ng

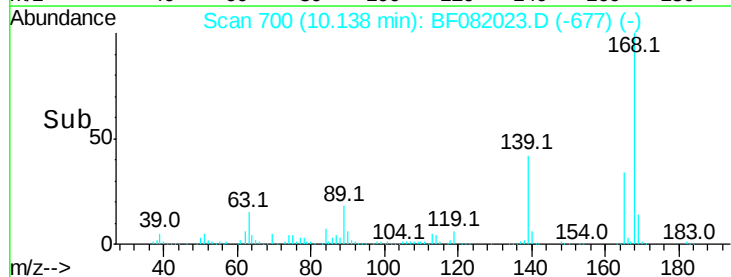
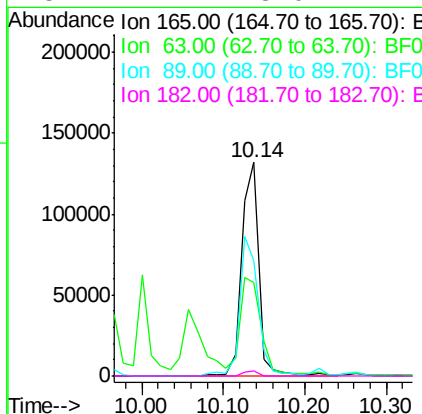
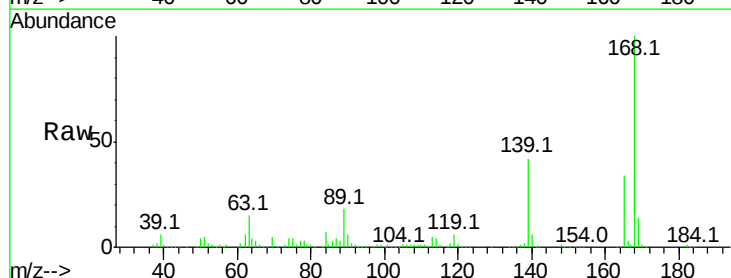
RT: 10.14 min Scan# 700

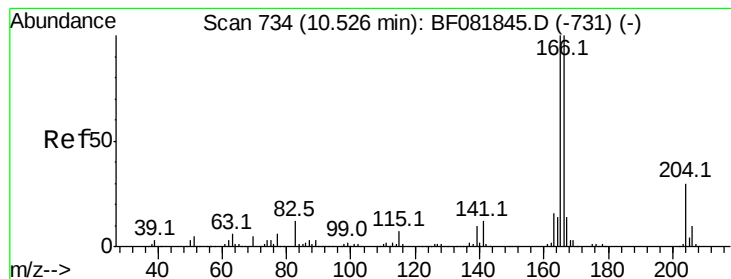
Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	165	Resp:	191348
Ion Ratio	Lower	Upper	
165	100		
63	43.9	29.8	44.6
89	54.2	44.5	66.7
182	2.4	3.0	4.4#





#57

Fluorene

Concen: 65.28 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSSD

Tot Ion:166 Resp: 611332

Ion Ratio Lower Upper

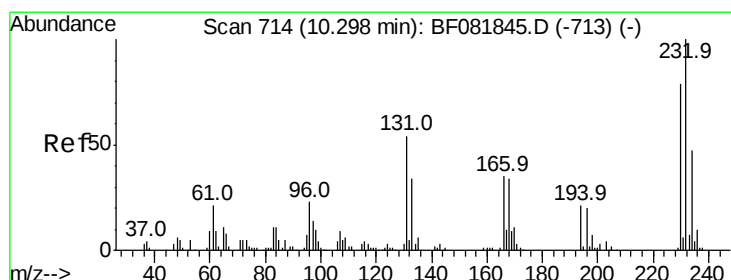
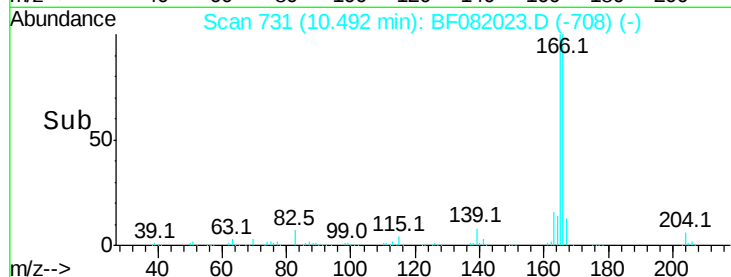
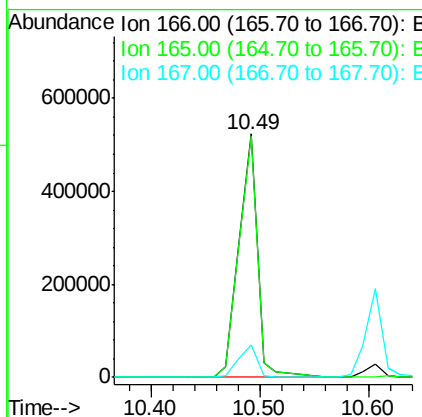
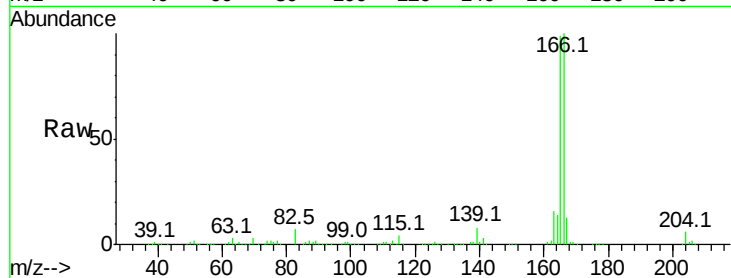
166 100

165 99.2 72.6 109.0

167 13.1 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 64.13 ng

RT: 10.26 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:232 Resp: 179842

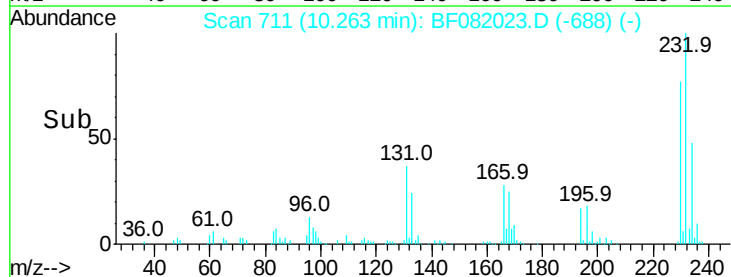
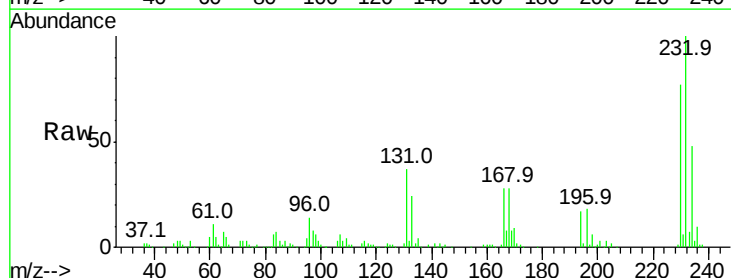
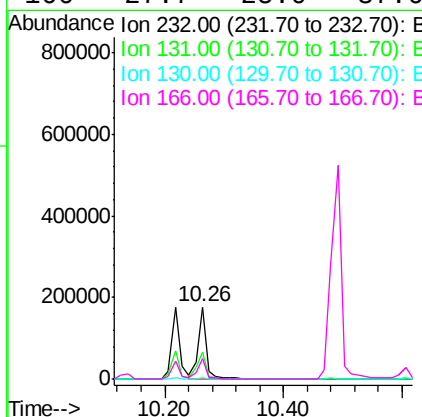
Ion Ratio Lower Upper

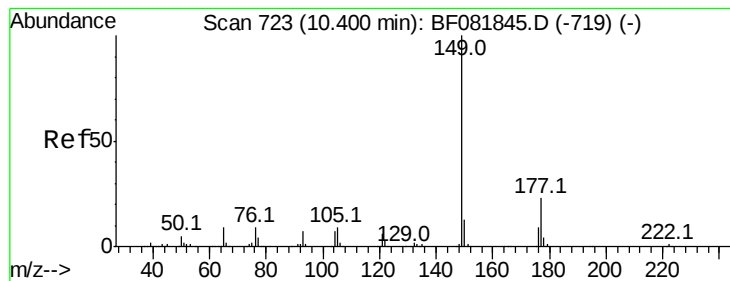
232 100

131 41.1 38.5 57.7

130 1.8 1.8 2.6

166 27.7 25.0 37.6





#59

Diethylphthalate

Concen: 56.26 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF082023.D

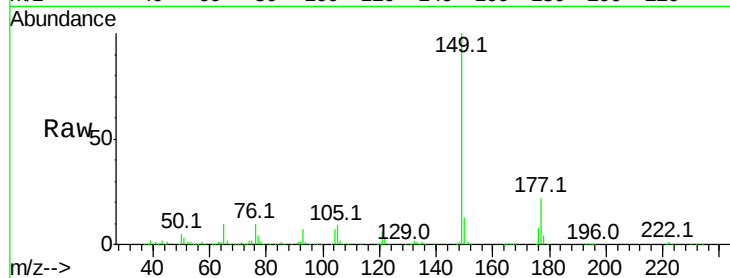
Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

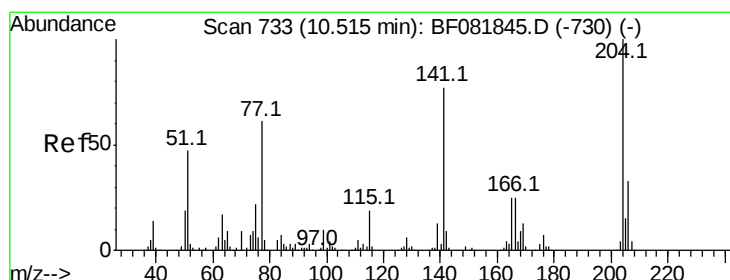
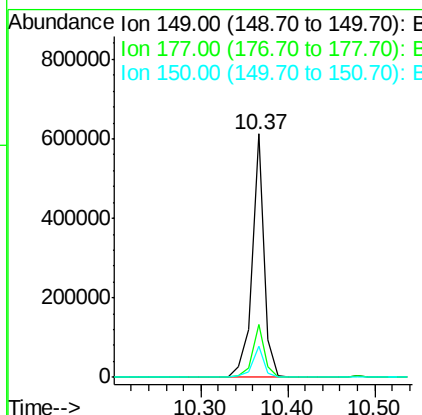
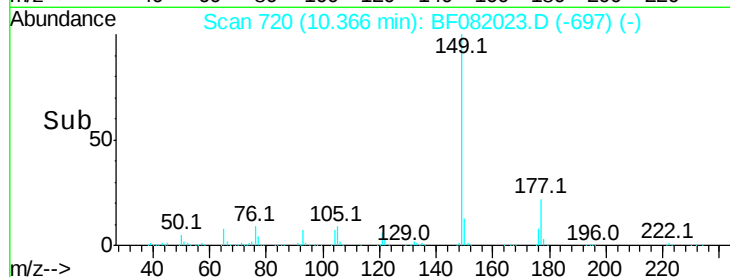
A3-COMPMSD



Tot Ion:	149	Resp:	592513
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.5	26.3
150	12.8	9.4	14.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

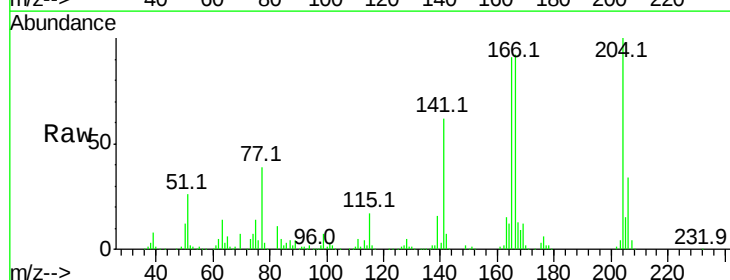
Concen: 57.28 ng

RT: 10.48 min Scan# 730

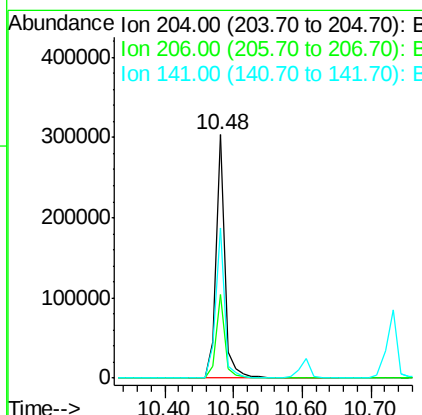
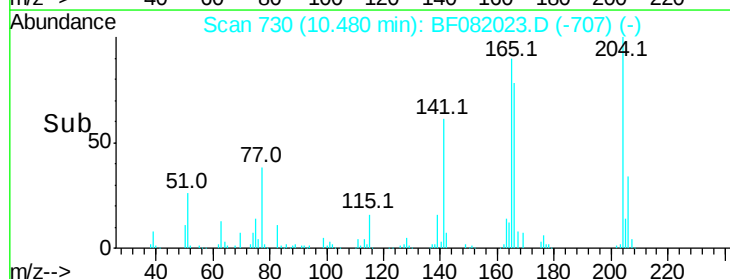
Delta R.T. -0.03 min

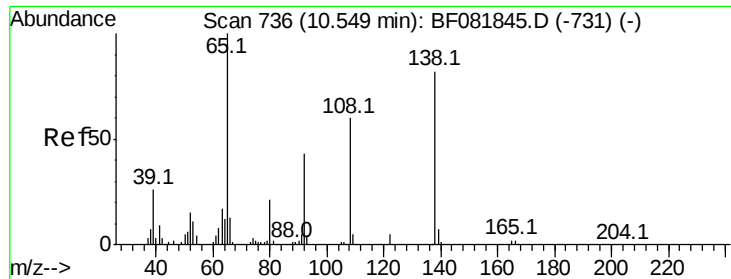
Lab File: BF082023.D

Acq: 3 Oct 2015 15:58



Tgt Ion:	204	Resp:	278715
Ion Ratio	Lower	Upper	
204	100		
206	34.2	24.8	37.2
141	61.6	42.2	63.4





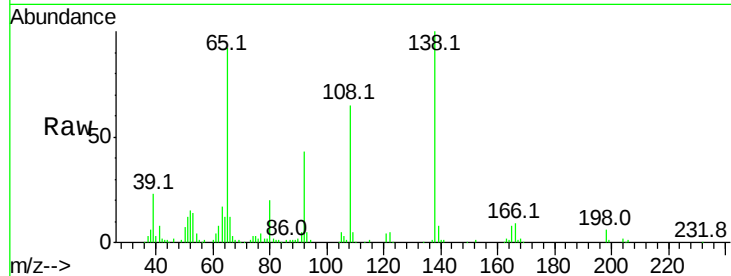
#61
4-Nitroaniline
Concen: 56.92 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

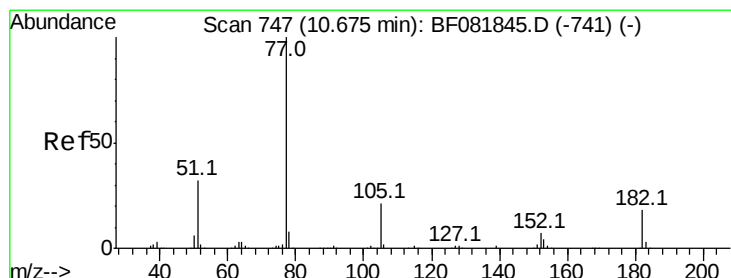
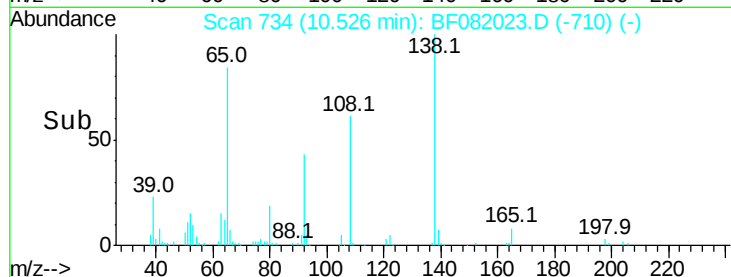
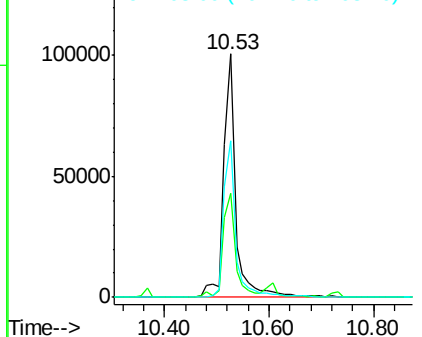
Tot Ion	Ratio	Resp	Lower	Upper
138	100	161619		
92	42.7		12.6	52.6
108	64.5		12.4	52.4

Manual Integrations
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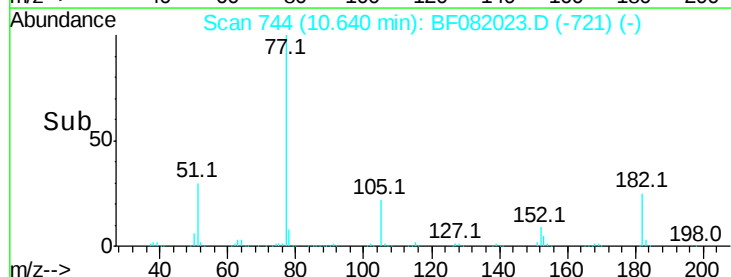
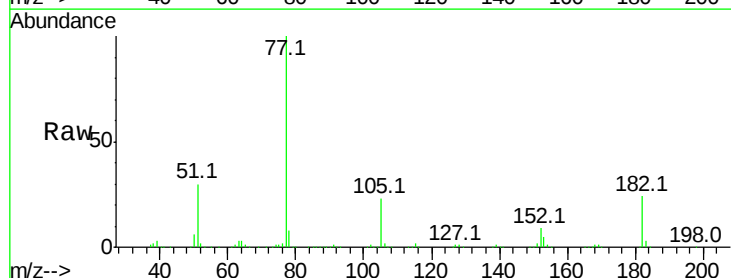
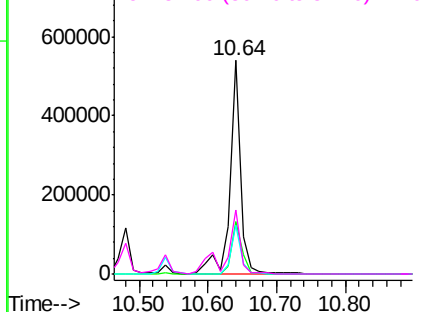
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

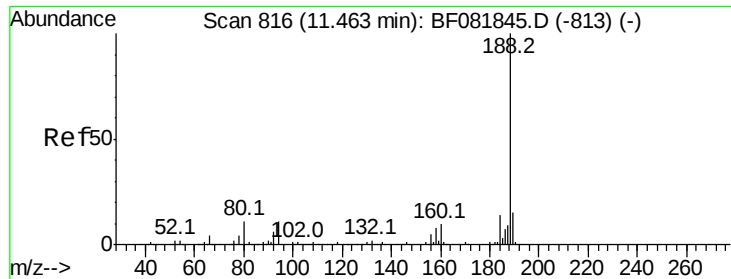


#62
Azobenzene
Concen: 58.21 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	598279		
182	24.4		15.1	55.1
105	22.8		3.4	43.4
51	30.3		12.0	52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





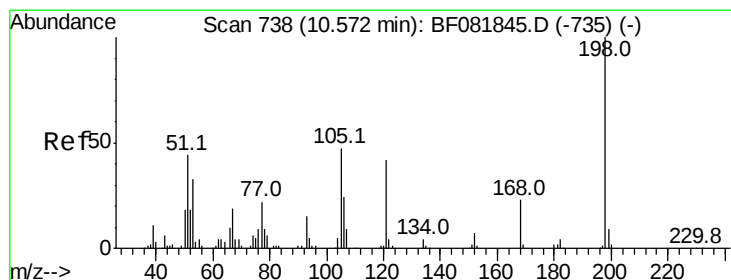
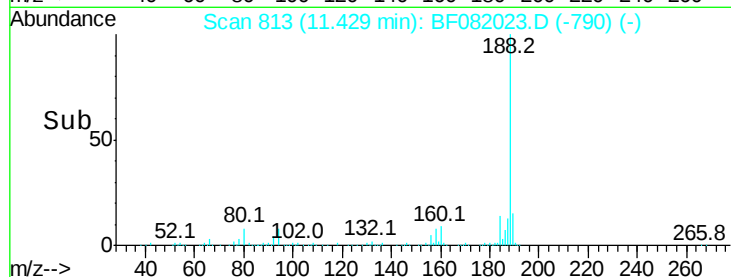
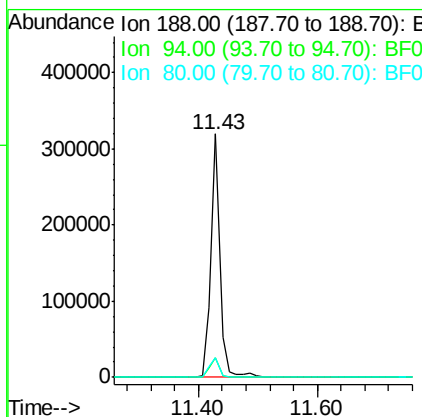
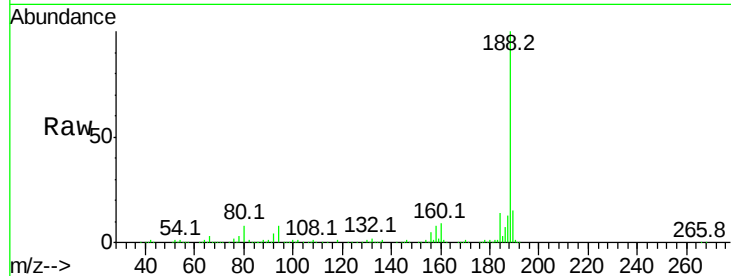
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	11.1	16.7#	
80	8.2	11.0	16.4#	

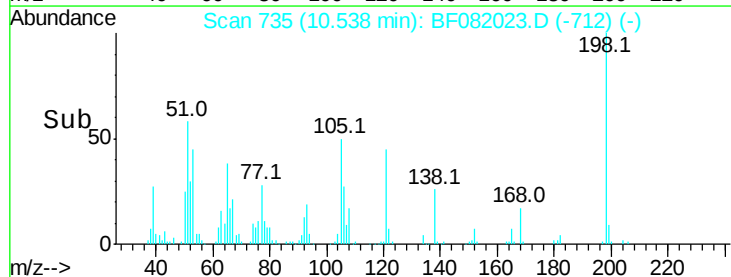
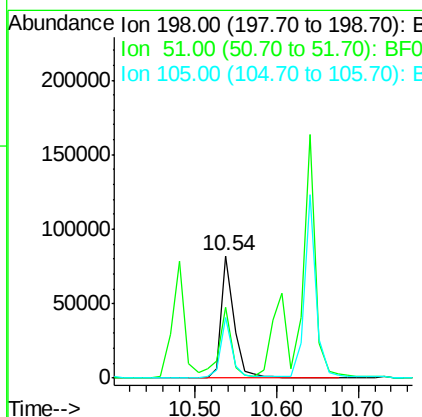
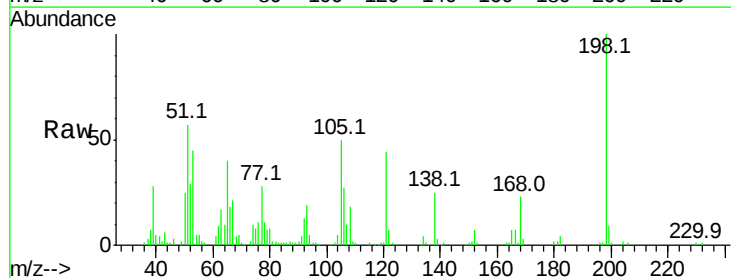
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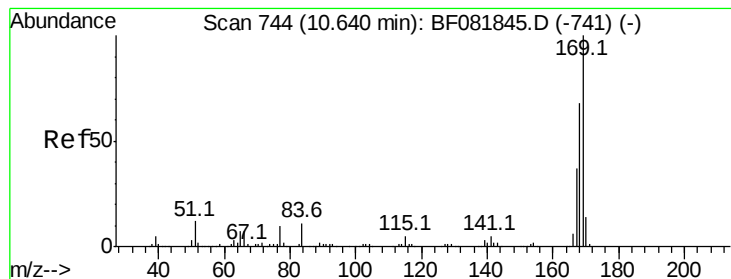
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#64
4,6-Dinitro-2-methylphenol
Concen: 55.95 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	57.5	39.6	79.6	
105	49.8	28.5	68.5	





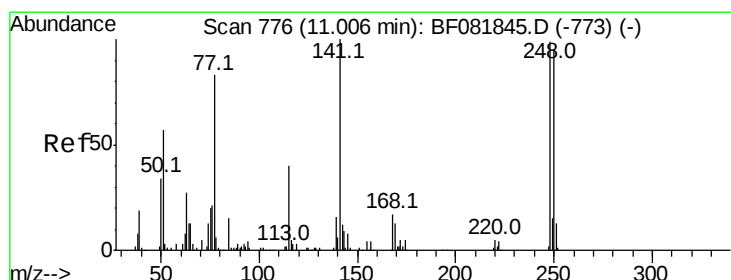
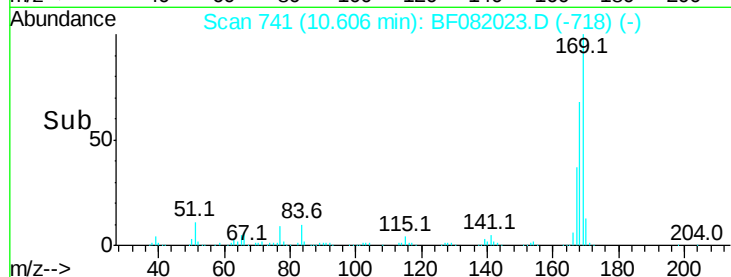
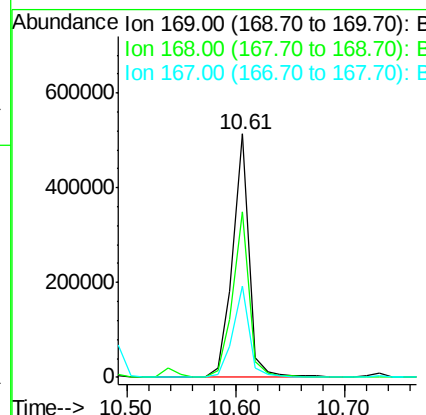
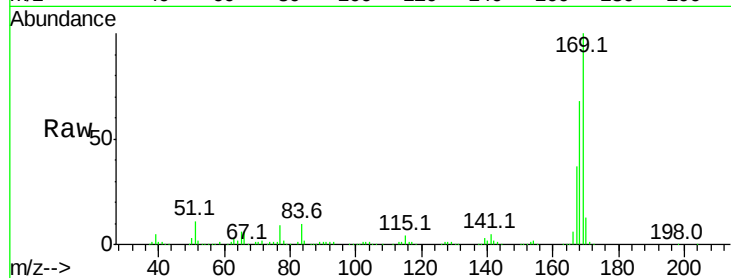
#65
n-Nitrosodiphenylamine
Concen: 52.62 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	539815		
168	67.8		48.9	73.3
167	37.4		26.2	39.4

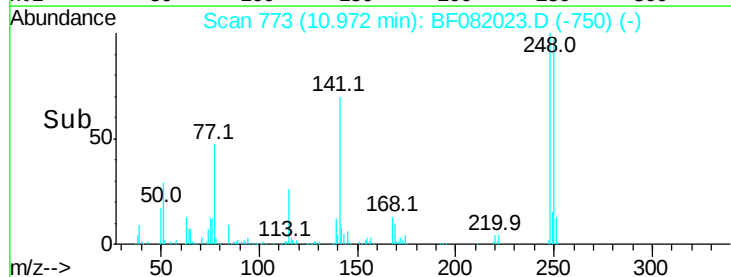
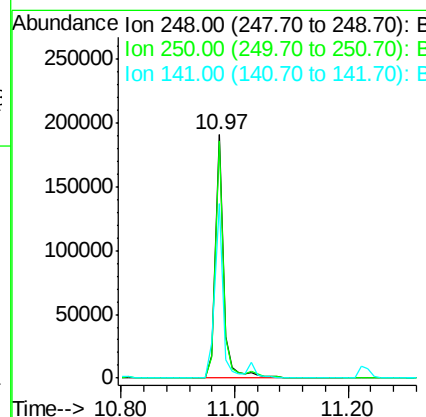
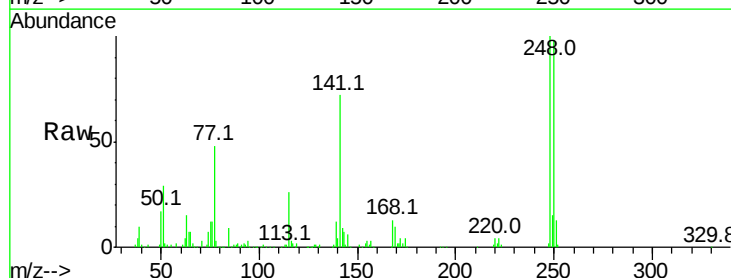
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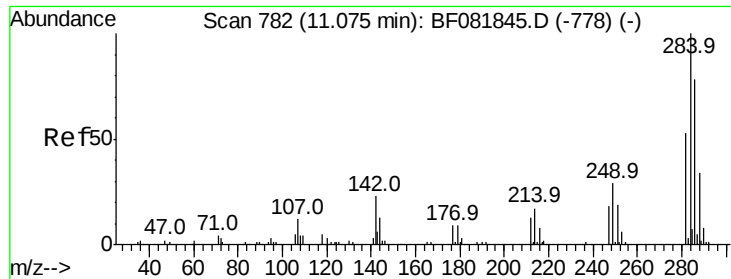
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#66
4-Bromophenyl-phenylether
Concen: 54.30 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185640		
250	97.6		78.5	117.7
141	71.7		59.0	88.6





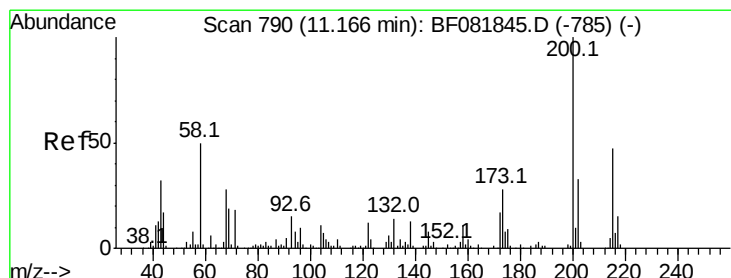
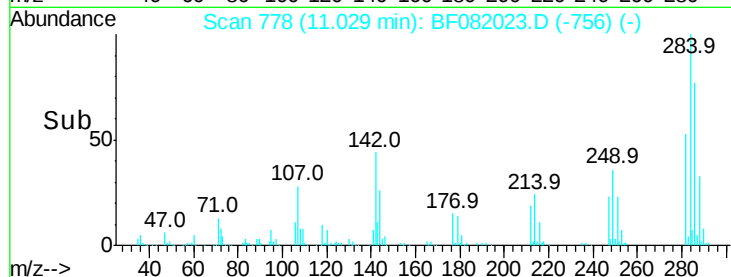
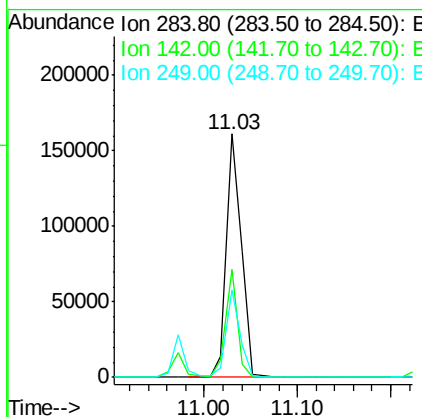
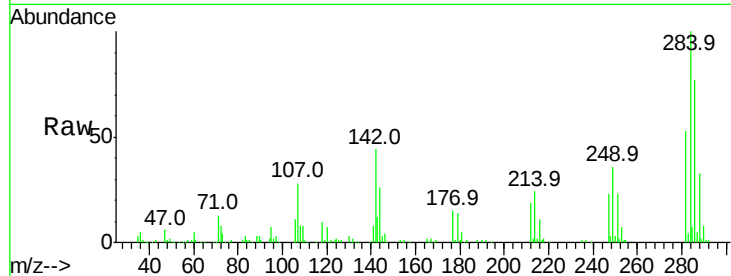
#67
Hexachlorobenzene
Concen: 46.93 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	44.2	29.5	44.3
249	36.0	19.5	29.3

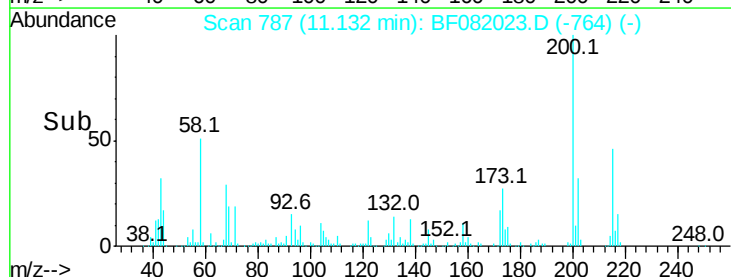
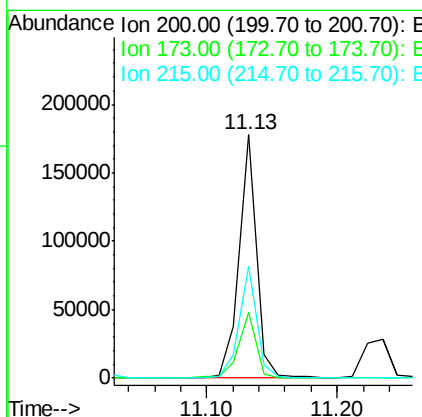
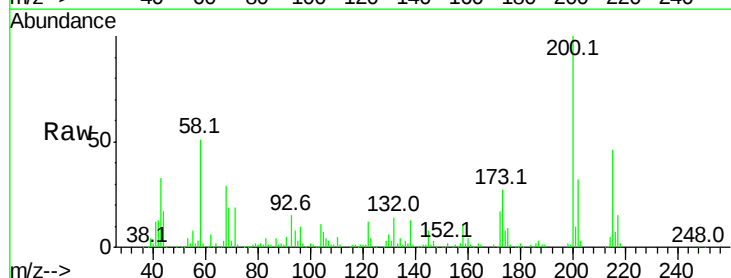
Manual Integrations
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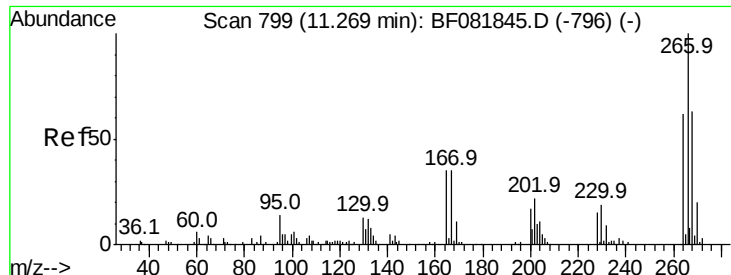
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#68
Atrazine
Concen: 51.82 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	13.2	53.2
215	45.9	41.8	81.8





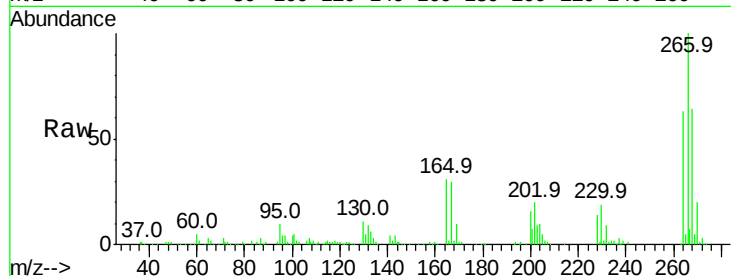
#69
 Pentachlorophenol
 Concen: 103.29 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

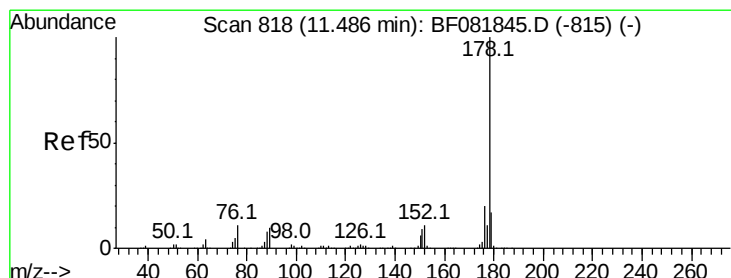
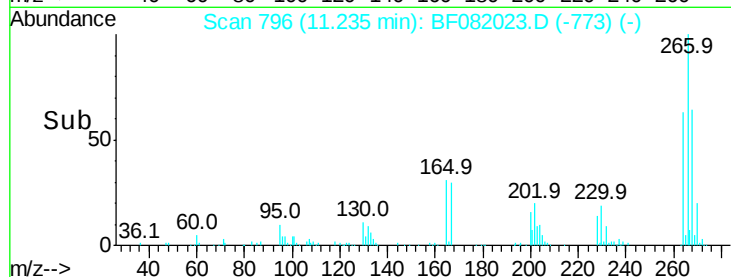
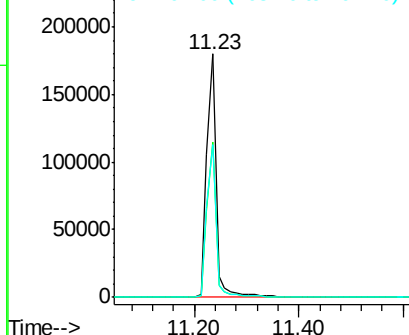
Tot Ion	Ratio	Resp	Lower	Upper
266	100	227075		
268	64.0		49.8	74.6
264	62.6		50.2	75.2

Manual Integrations
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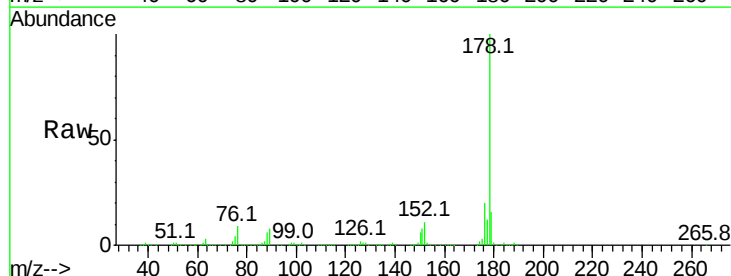


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

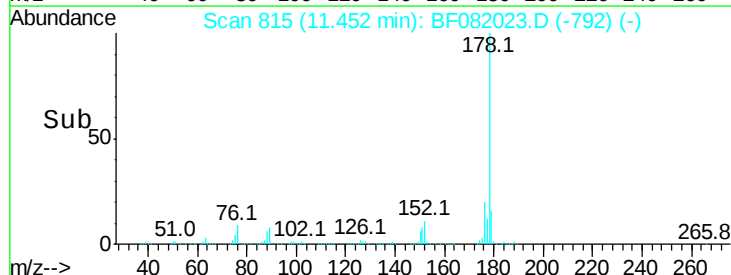
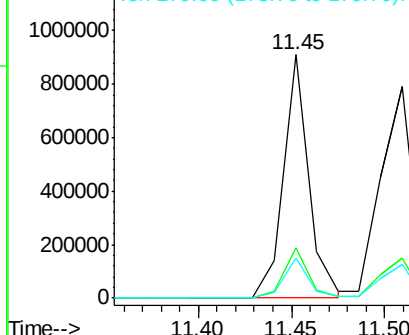


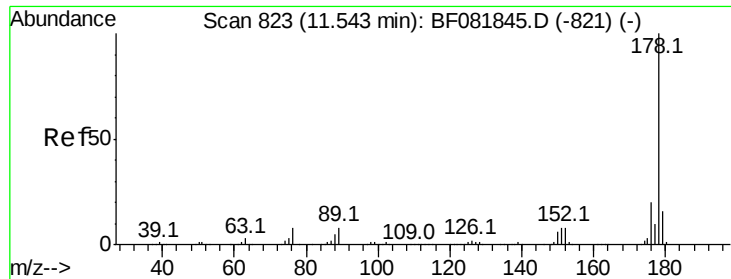
#70
 Phenanthrene
 Concen: 52.99 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	859860		
176	20.5		13.8	20.8
179	16.4		12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





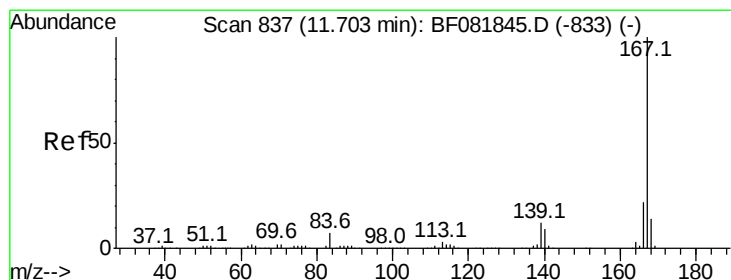
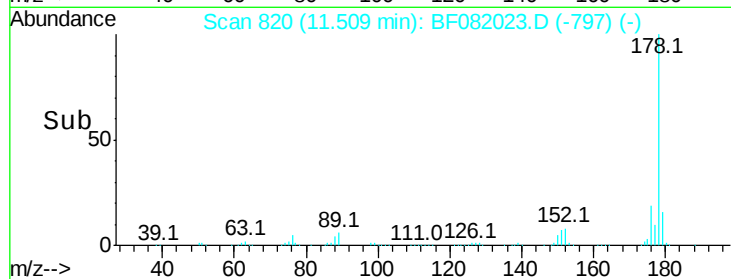
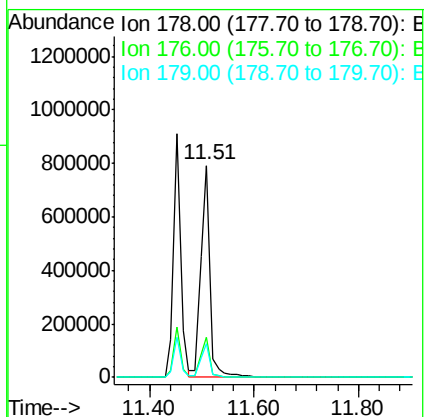
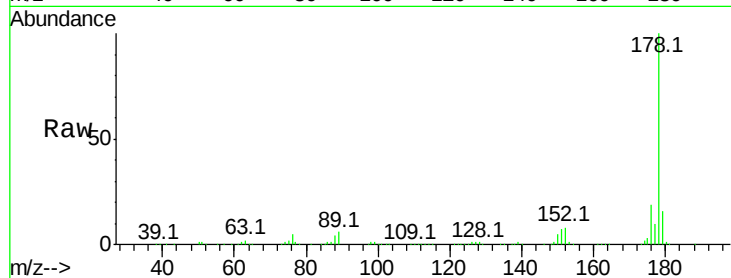
#71
 Anthracene
 Concen: 57.37 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	15.7	12.2	18.2

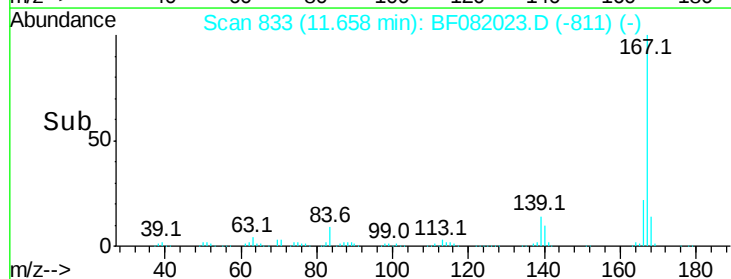
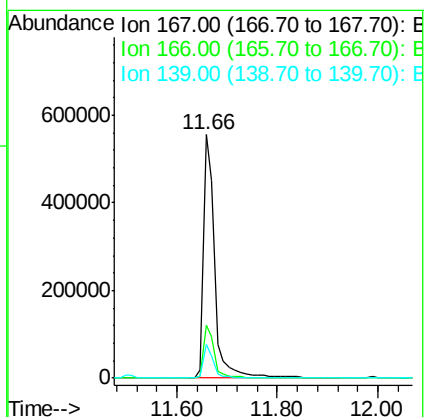
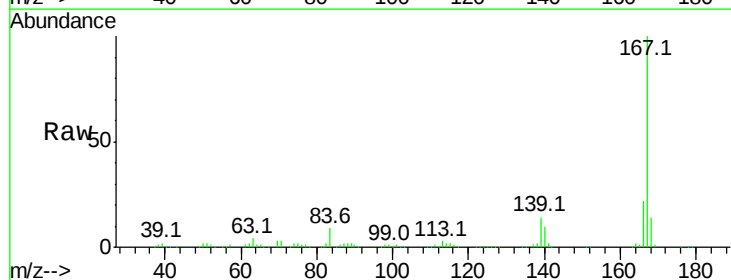
Manual Integrations
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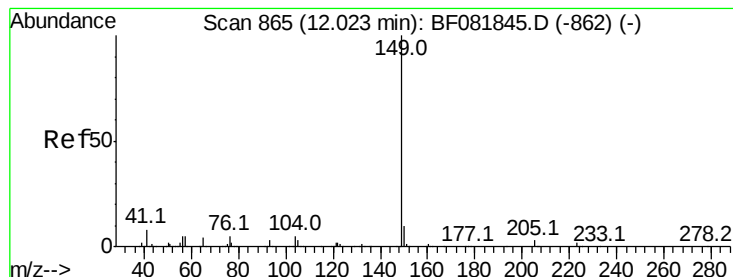
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#72
 Carbazole
 Concen: 55.32 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	13.6	9.5	14.3





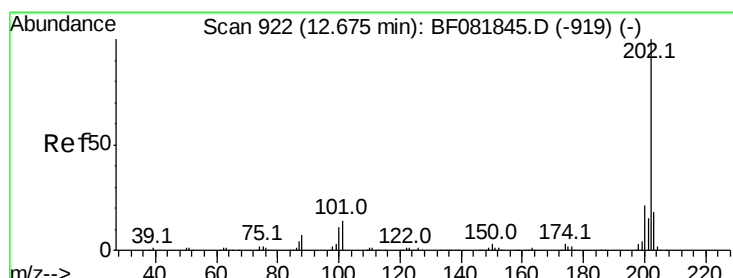
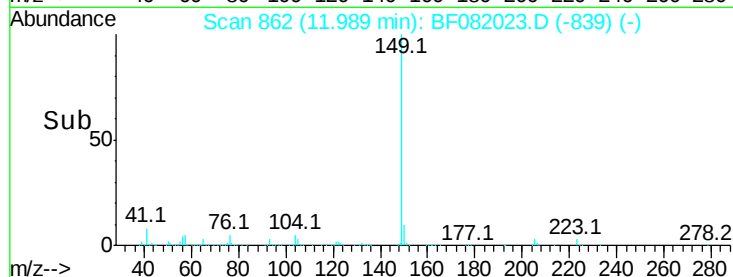
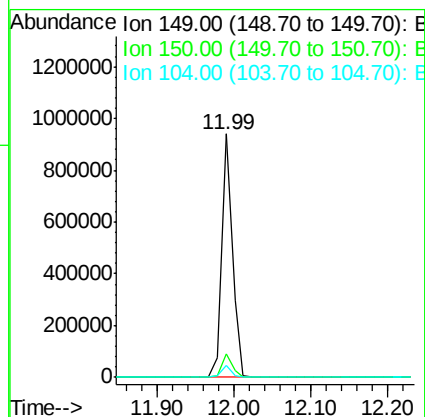
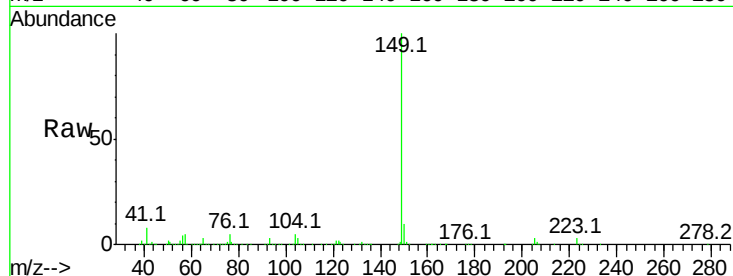
#73
Di-n-butylphthalate
Concen: 58.16 ng
RT: 11.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.4	11.2	
104	5.0	2.4	3.6	

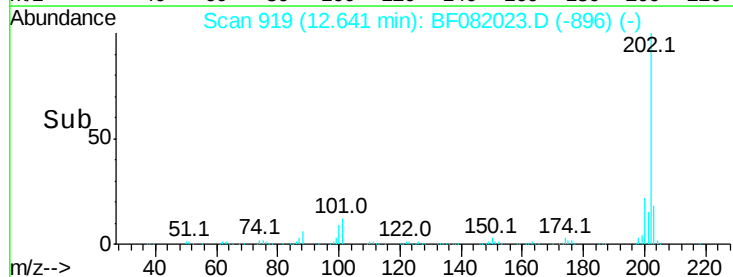
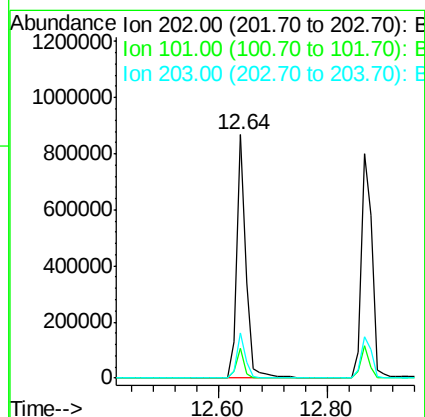
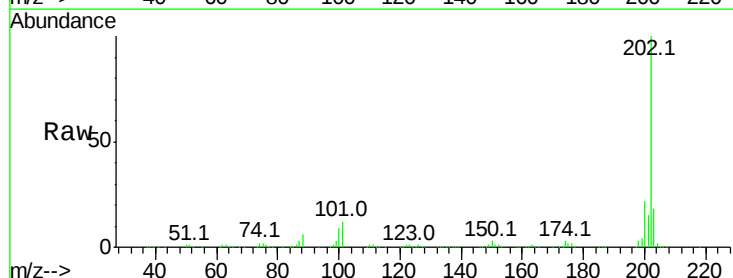
Manual Integrations
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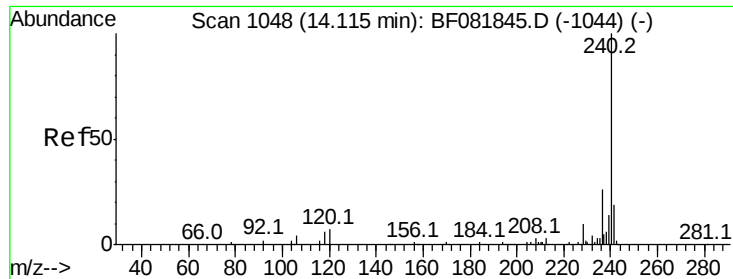
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10/5/2015 6:28:14 PM



#74
Fluoranthene
Concen: 54.66 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.2	0.0	38.3	
203	18.3	0.0	37.3	





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

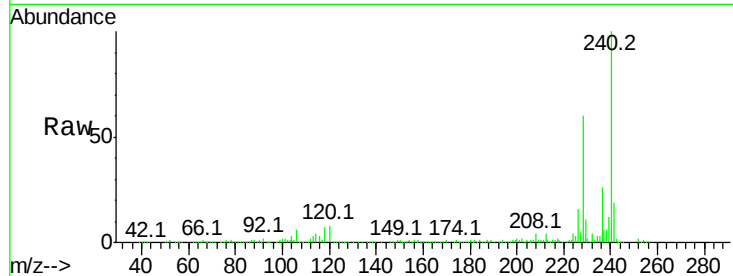
ClientSampleId :

A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	16.2	24.2#
236	26.1	18.4	27.6

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.08

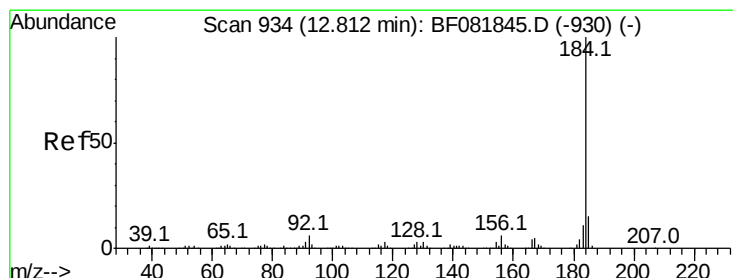
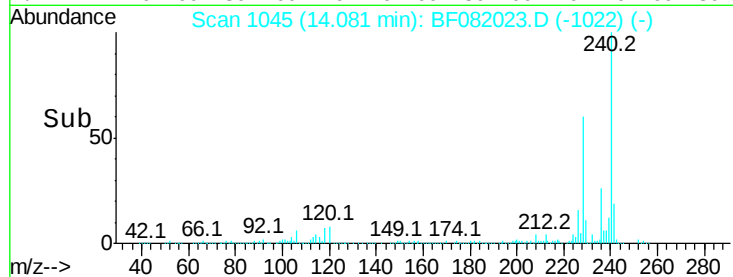
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 37.72 ng

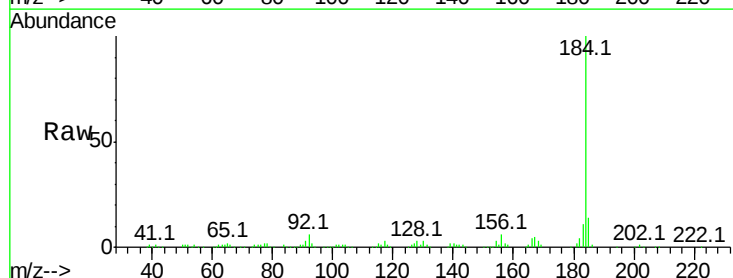
RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	10.9	7.6	11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.78

250000

200000

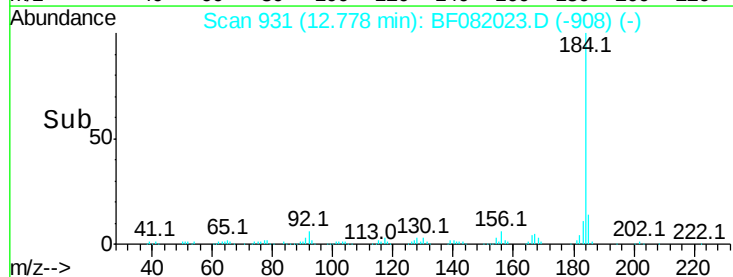
150000

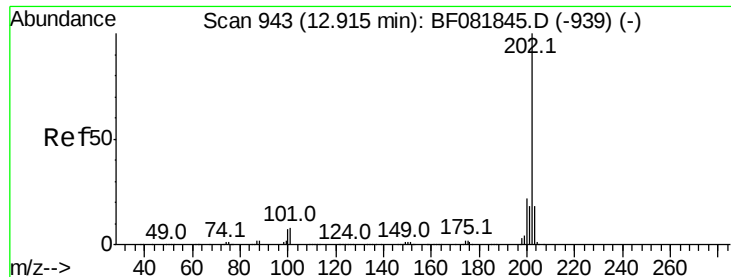
100000

50000

0

Time-->





#77

Pvrene

Concen: 58.38 ng

RT: 12.87 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

Tot Ion:202 Resp: 1055766

Ion Ratio Lower Upper

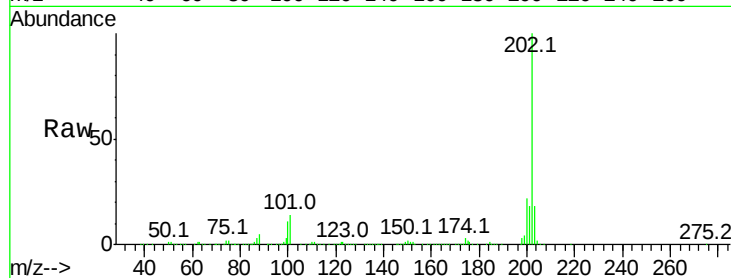
202 100

200 22.1 15.0 22.4

203 18.4 14.1 21.1

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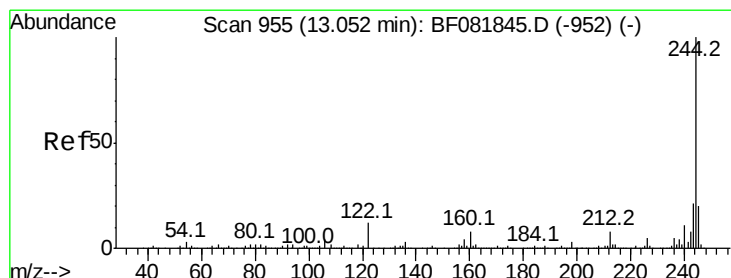
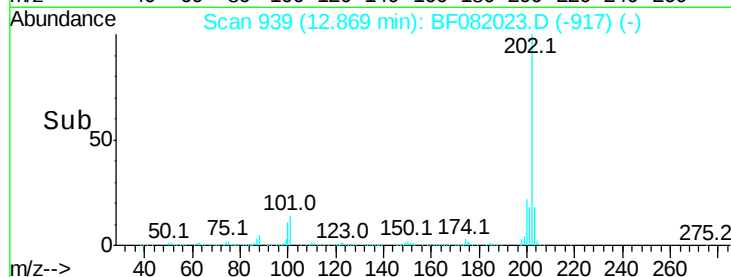
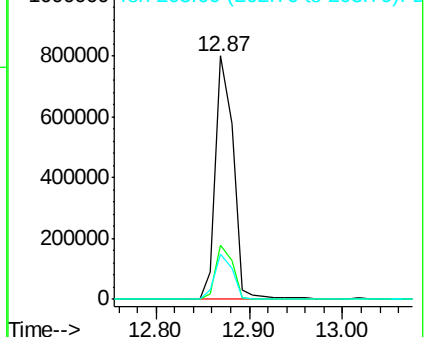
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 156.59 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:244 Resp: 1141316

Ion Ratio Lower Upper

244 100

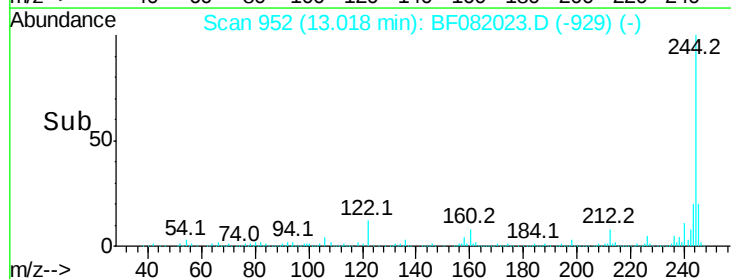
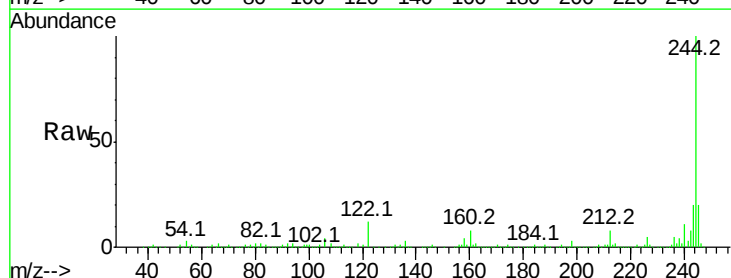
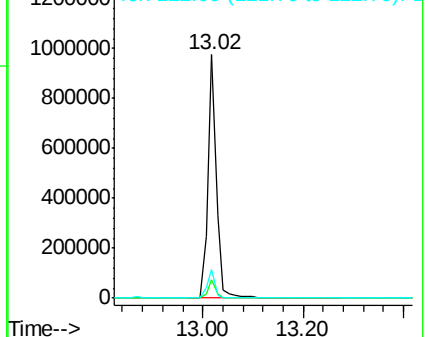
212 7.8 4.3 6.5#

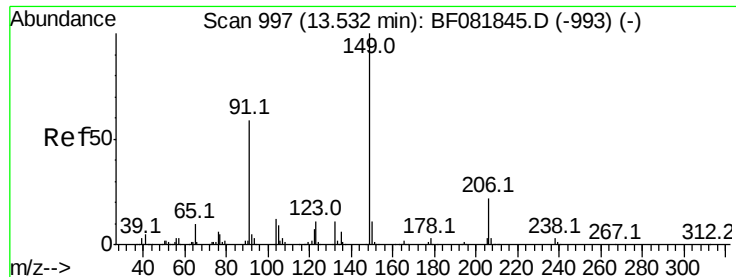
122 11.6 17.4 26.2#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





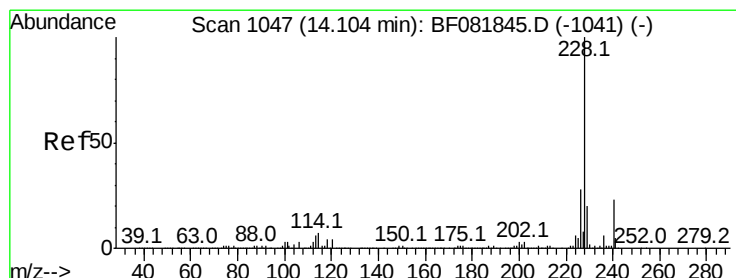
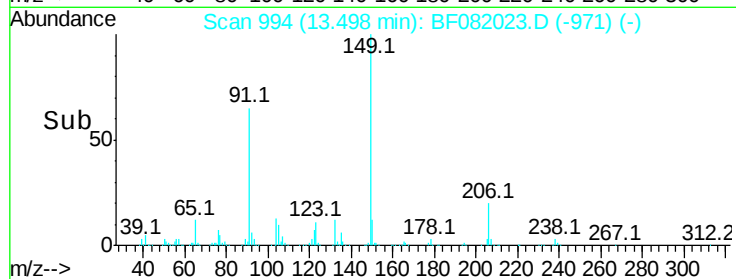
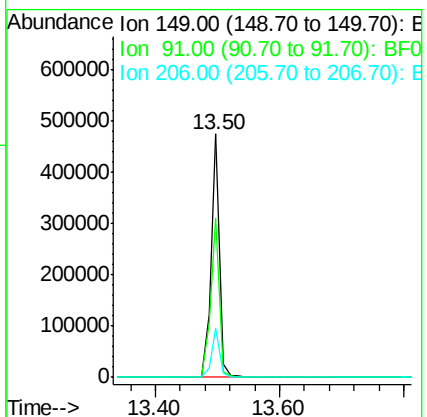
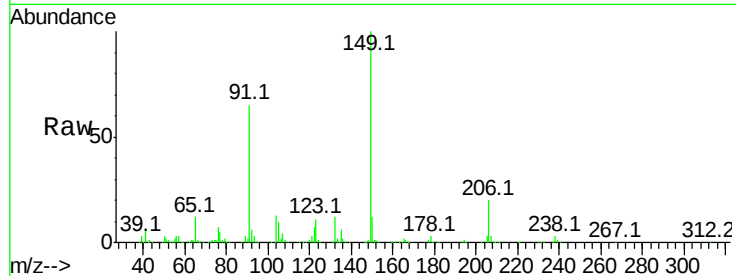
#79
Butylbenzylphthalate
Concen: 64.65 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	65.2	48.6	72.8	
206	20.3	14.9	22.3	

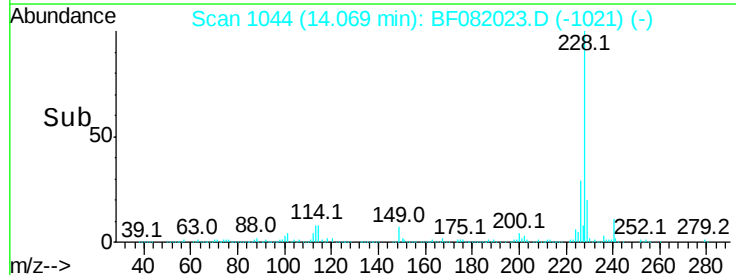
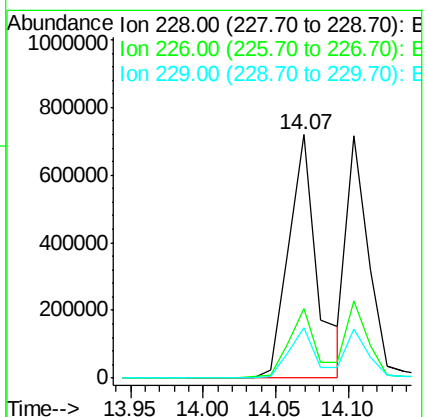
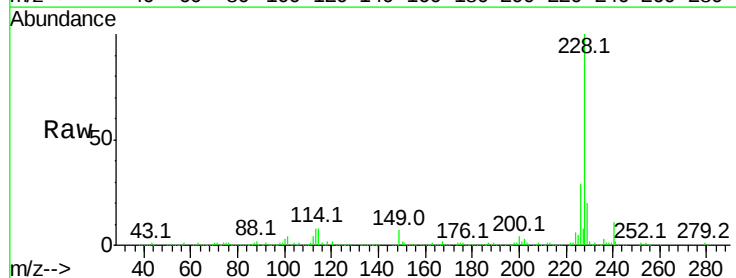
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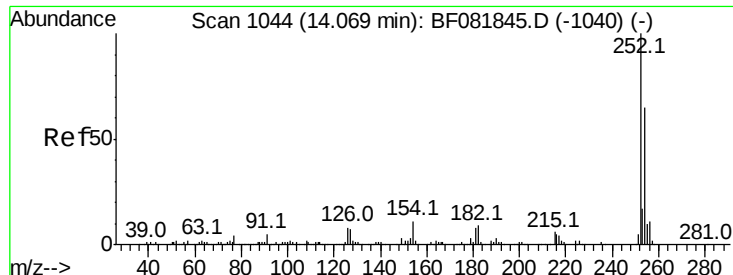
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#80
Benzo(a)anthracene
Concen: 60.31 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.6	20.0	30.0	
229	20.5	15.4	23.2	





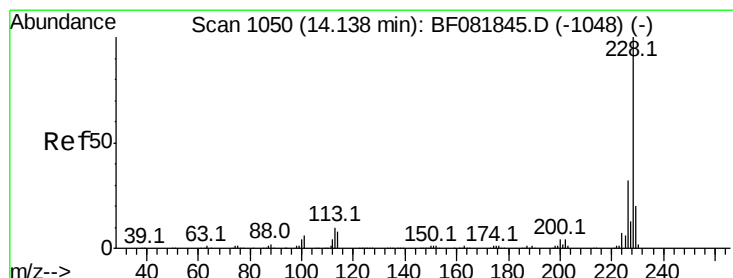
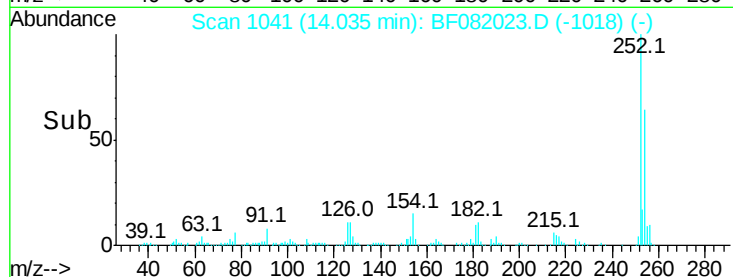
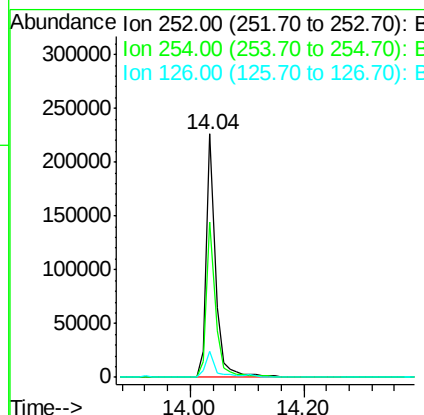
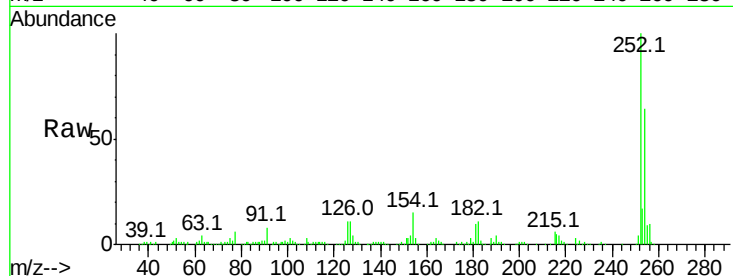
#81
 3,3'-Dichlorobenzidine
 Concen: 44.65 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	245807		
254	64.0		51.4	77.2
126	10.6		16.4	24.6#

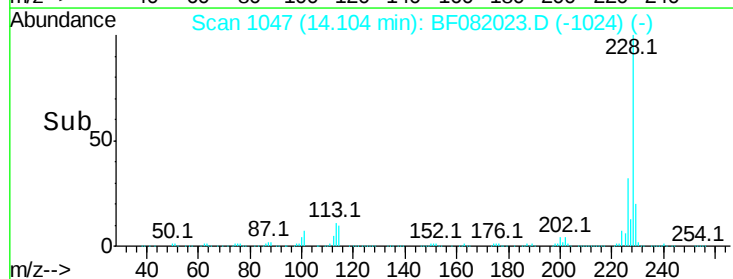
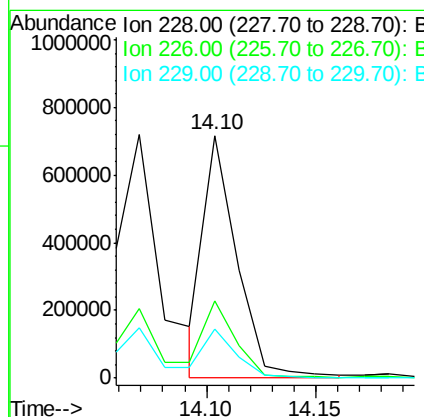
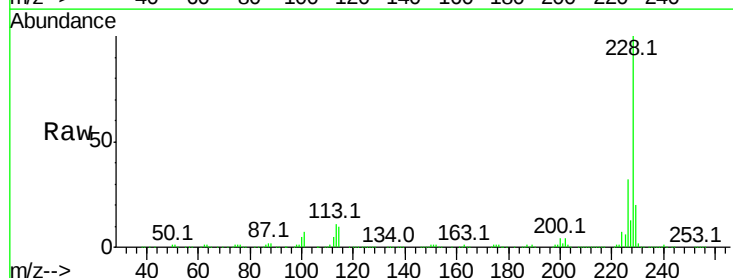
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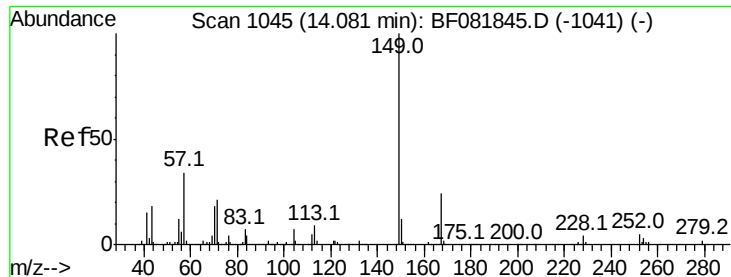
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#82
 Chrysene
 Concen: Below Cal m
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	763230		
226	31.7		21.0	31.4#
229	20.5		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.32 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

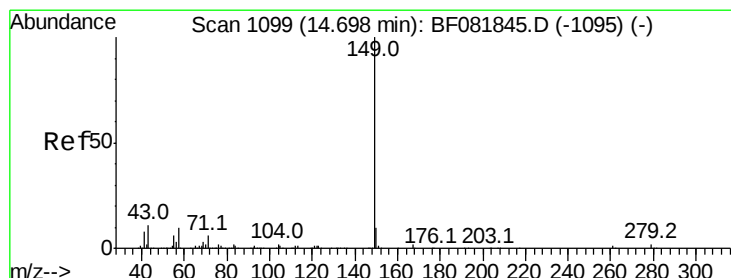
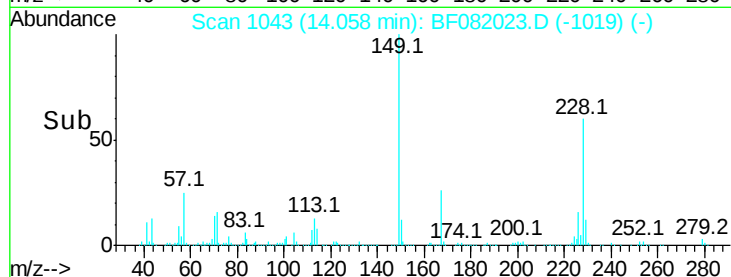
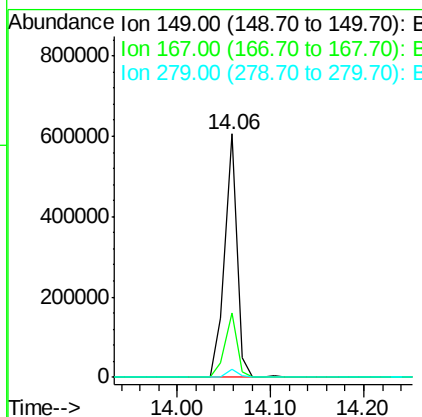
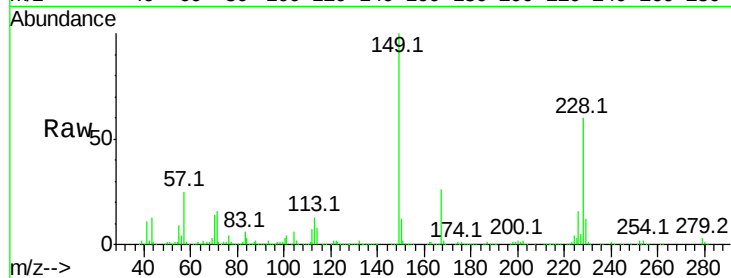
ClientSampleId :

A3-COMPMSD

Tot Ion:	149	Resp:	557614
Ion Ratio		Lower	Upper
149	100		
167	26.5	24.2	36.2
279	3.1	3.8	5.6#

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#84

Di-n-octyl phthalate

Concen: 66.10 ng

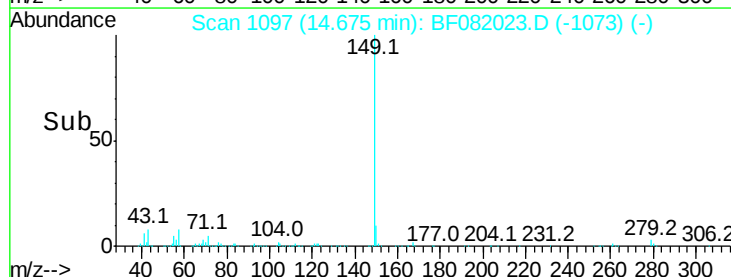
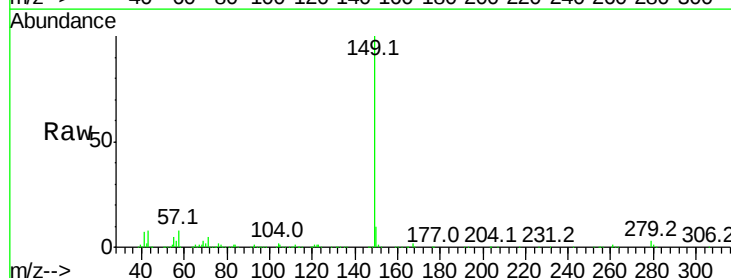
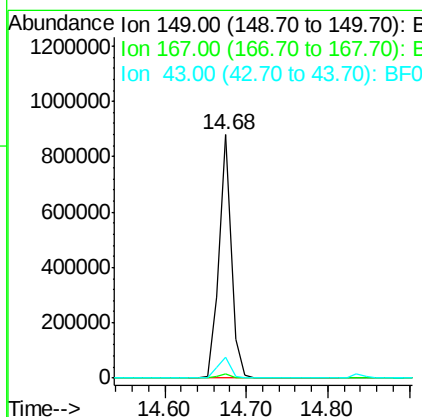
RT: 14.68 min Scan# 1097

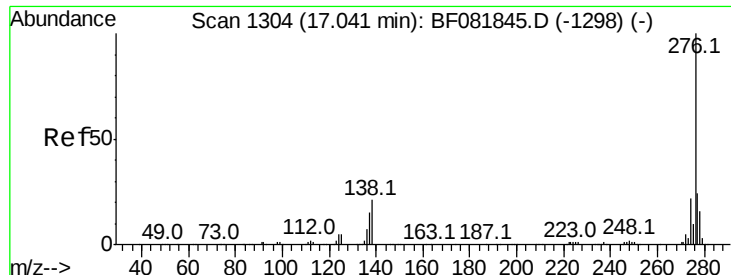
Delta R.T. -0.02 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	149	Resp:	918327
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.0	1.6
43	9.4	10.2	15.2#





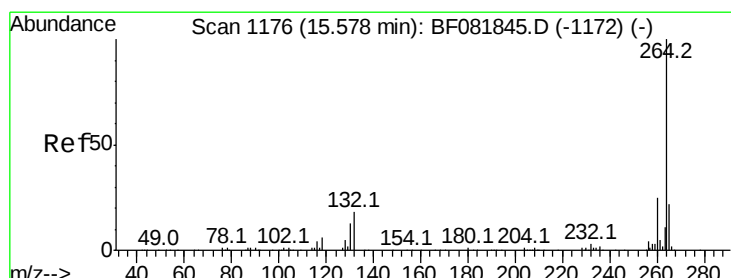
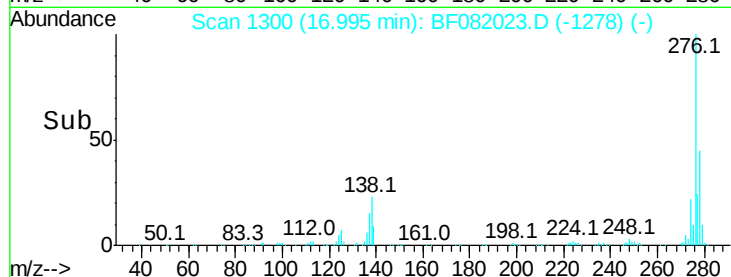
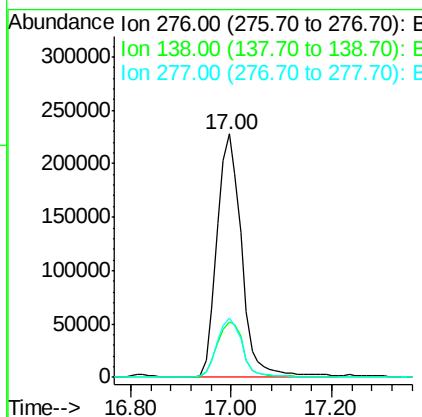
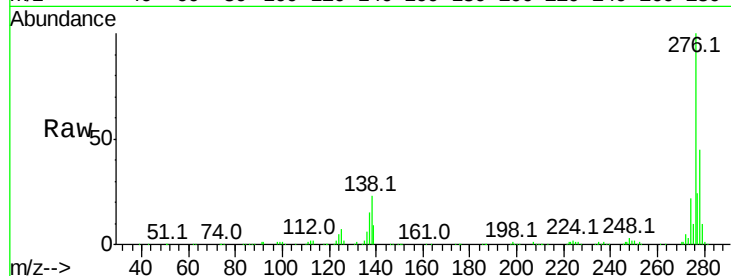
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.78 ng
RT: 17.00 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.7	38.5#
277	25.5	15.6	23.4#

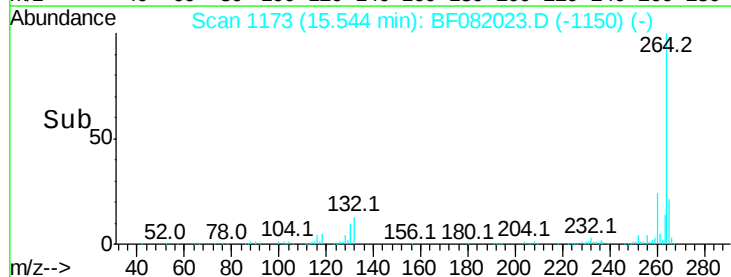
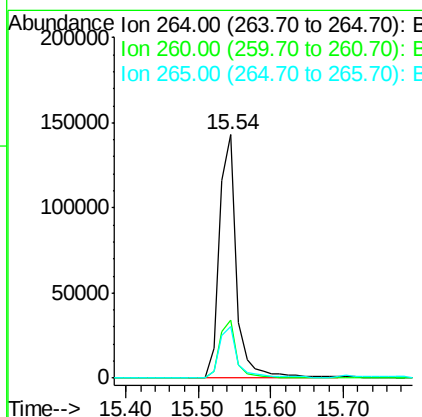
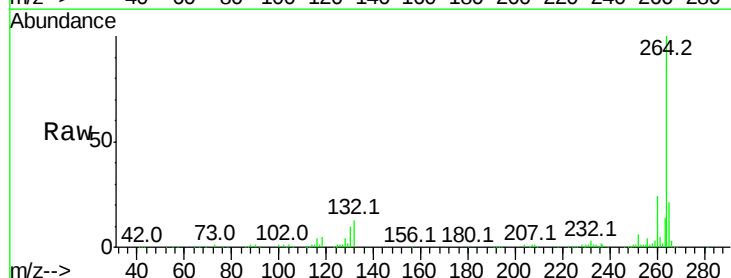
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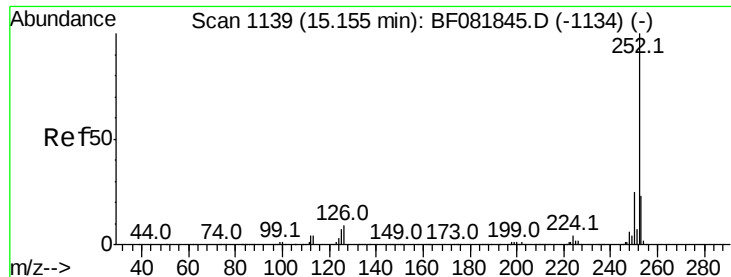
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 67.59 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

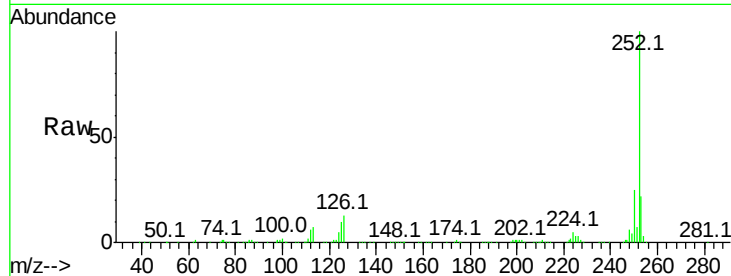
ClientSampleId :

A3-COMPMSD

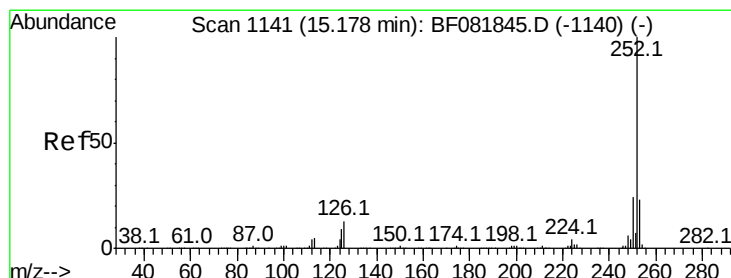
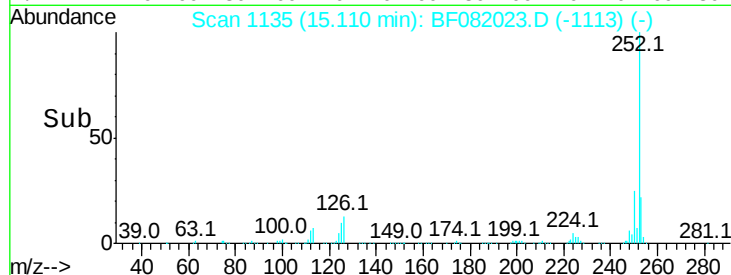
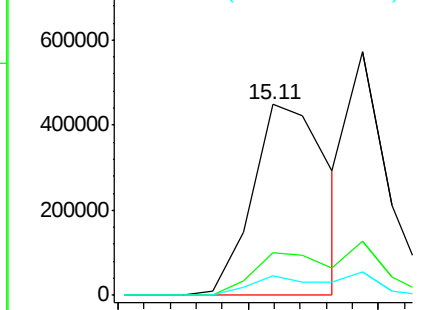
Tot Ion:	252	Resp:	905128
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	10.4	17.1	25.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.94 ng m

RT: 15.14 min Scan# 1138

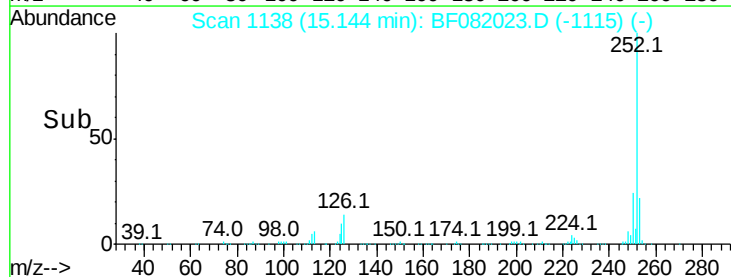
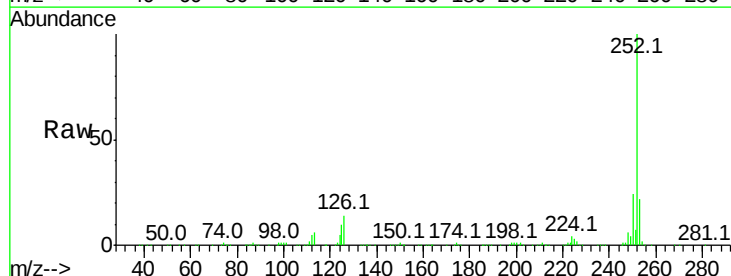
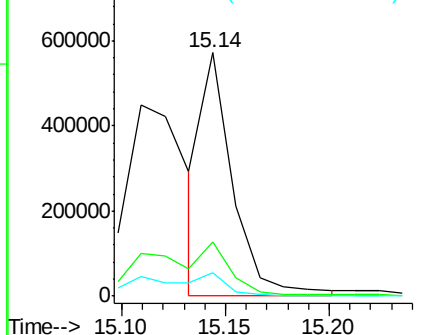
Delta R.T. -0.03 min

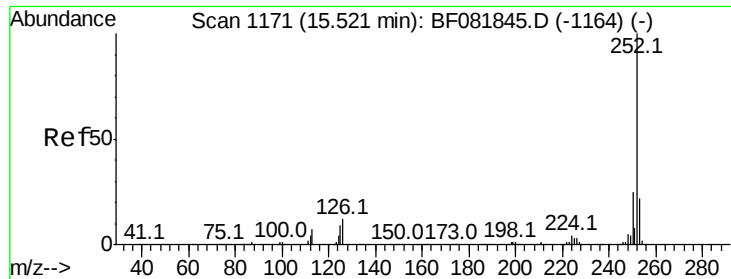
Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:	252	Resp:	600686
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.4
125	9.7	16.0	24.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





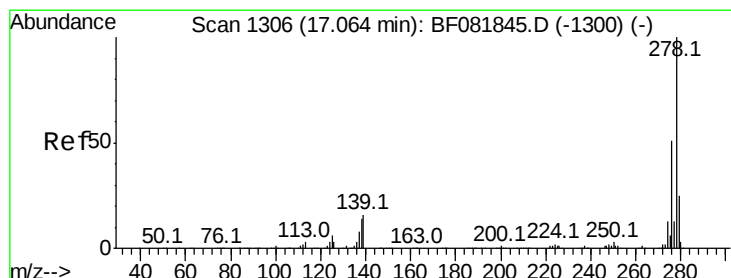
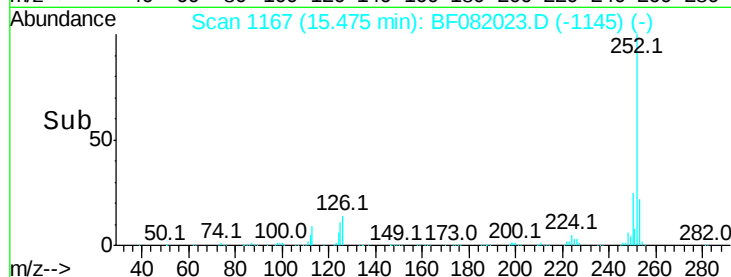
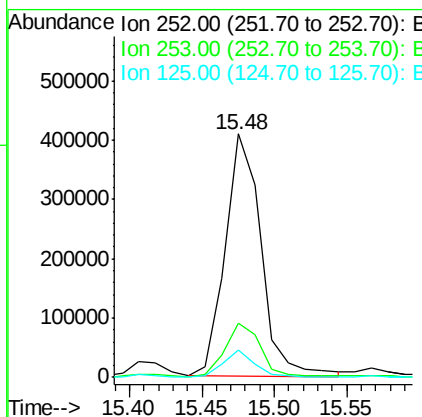
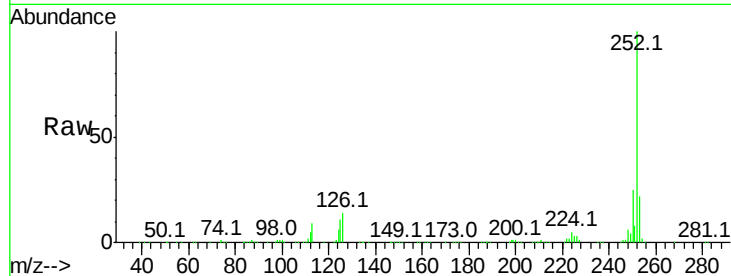
#89
Benzo(a)pyrene
Concen: 60.73 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.1	18.0	27.0

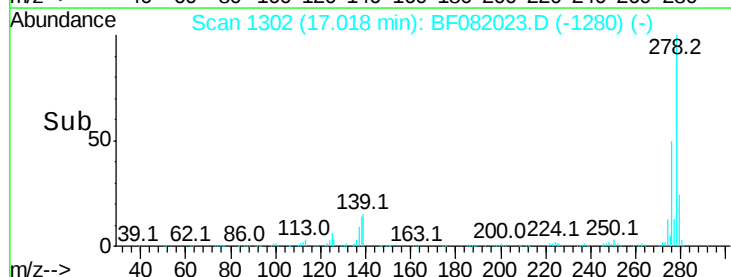
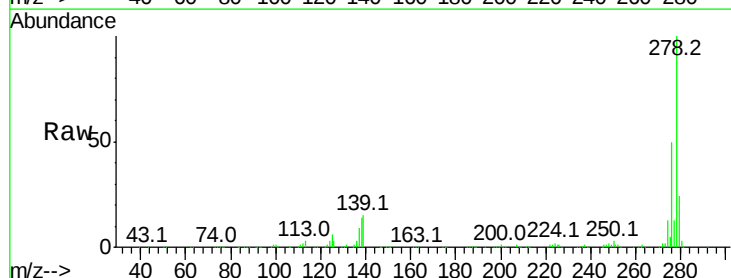
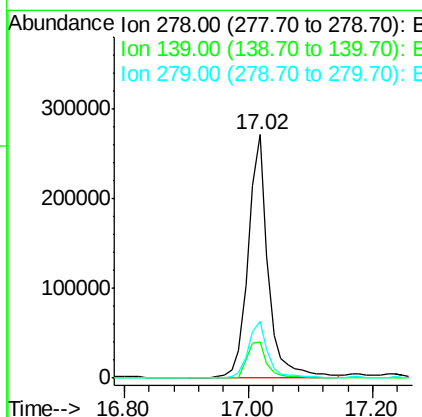
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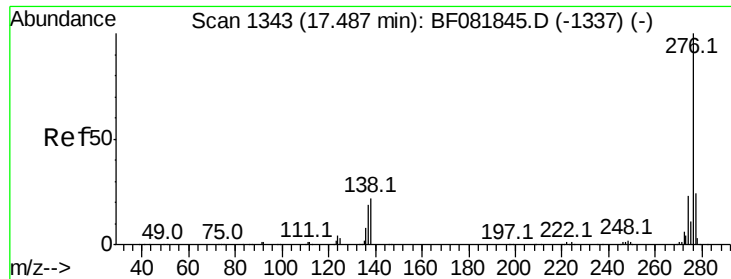
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#90
Dibenzo(a,h)anthracene
Concen: 62.37 ng
RT: 17.02 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.7	26.3	39.5
279	23.6	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 65.25 ng
 RT: 17.44 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	651735		
277	23.6		17.8	26.6
138	21.6		34.6	51.8#

Manual Integrations
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