

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087410.D
 Acq On : 26 May 2016 16:02
 Operator : UM/SJ
 Sample : H3191-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Manual Integrations
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 5/27/2016 7:37:36 PM

Quant Time: May 27 11:03:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	109782	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	444472	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	206948	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	401430	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	316114	20.00	ng	-0.01
86) Perylene-d12	20.13	264	228193	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	891670	142.72	ng	0.03
7) Phenol-d6	7.07	99	1065495	126.21	ng	0.00
23) Nitrobenzene-d5	8.42	82	863604	97.92	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	290793	146.22	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1448143	98.65	ng	-0.01
78) Terphenyl-d14	17.12	244	1286346	86.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	120182m	36.46	ng	
3) Pyridine	2.67	79	199344m	27.66	ng	
4) n-Nitrosodimethylamine	2.54	42	239455	43.12	ng	# 45
6) Aniline	7.03	93	143549	13.14	ng	92
8) 2-Chlorophenol	7.20	128	357393	45.87	ng	93
9) Benzaldehyde	6.87	77	19683	4.22	ng	97
10) Phenol	7.10	94	398639	43.24	ng	83
11) bis(2-Chloroethyl)ether	7.15	93	365216	48.95	ng	86
12) 1,3-Dichlorobenzene	7.40	146	346974	40.83	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	359436	41.20	ng	94
14) 1,2-Dichlorobenzene	7.76	146	337764	41.85	ng	96
15) Benzyl Alcohol	7.80	79	342515	55.65	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.00	45	703130	41.88	ng	86
17) 2-Methylphenol	8.03	107	288975	46.28	ng	# 91
18) Hexachloroethane	8.28	117	134718	41.39	ng	# 90
19) n-Nitroso-di-n-propylamine	8.23	70	298631	47.43	ng	# 68
20) 3+4-Methylphenols	8.30	107	377582	50.02	ng	# 59
22) Acetophenone	8.19	105	539384	50.80	ng	# 98
24) Nitrobenzene	8.44	77	440961	47.37	ng	97
25) Isophorone	8.86	82	747607	47.27	ng	98
26) 2-Nitrophenol	8.96	139	187629	49.31	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	319202	48.32	ng	86
28) bis(2-Chloroethoxy)methane	9.23	93	448498	50.34	ng	98
29) 2,4-Dichlorophenol	9.38	162	298091	50.07	ng	98
30) 1,2,4-Trichlorobenzene	9.46	180	307001	45.05	ng	95
31) Naphthalene	9.56	128	1069519	48.02	ng	100
32) Benzoic acid	9.44	122	139816	41.94	ng	# 77
33) 4-Chloroaniline	9.74	127	75921	9.25	ng	# 90
34) Hexachlorobutadiene	9.78	225	175786	42.43	ng	99
35) Caprolactam	10.38	113	74991m	43.16	ng	
36) 4-Chloro-3-methylphenol	10.59	107	347740	51.67	ng	92
37) 2-Methylnaphthalene	10.70	142	679998	48.87	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	296275	44.72	ng	98
40) Hexachlorocyclopentadiene	10.95	237	206479	76.24	ng	94

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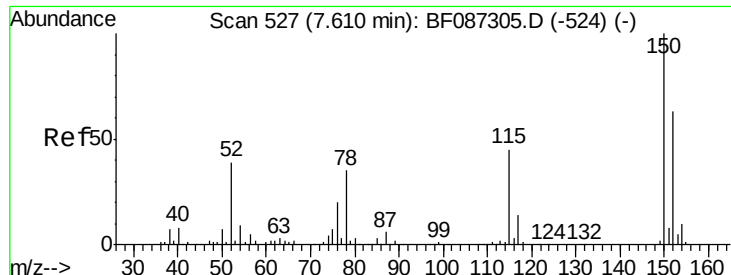
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	188964	49.42	nq	96
43) 2,4,5-Trichlorophenol	11.29	196	186348	47.86	nq	# 93
45) 1,1'-Biphenyl	11.47	154	859401	49.32	nq	98
46) 2-Chloronaphthalene	11.48	162	635769	47.69	nq	96
47) 2-Nitroaniline	11.70	65	256620	53.43	nq	# 73
48) Acenaphthylene	12.14	152	1026572	48.64	nq	99
49) Dimethylphthalate	12.02	163	803111	48.44	nq	100
50) 2,6-Dinitrotoluene	12.11	165	169230	50.66	nq	# 62
51) Acenaphthene	12.42	154	626939	48.33	nq	98
52) 3-Nitroaniline	12.39	138	63072	18.40	nq	85
53) 2,4-Dinitrophenol	12.58	184	188539	107.80	nq	# 80
54) Dibenzofuran	12.71	168	925414	52.69	nq	94
55) 4-Nitrophenol	12.78	139	145618	89.04	nq	# 44
56) 2,4-Dinitrotoluene	12.78	165	231261	51.80	nq	# 84
57) Fluorene	13.27	166	758472	49.80	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	166754	55.67	nq	97
59) Diethylphthalate	13.18	149	782152	48.53	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	337215	45.41	nq	94
61) 4-Nitroaniline	13.39	138	145025	45.32	nq	# 63
62) Azobenzene	13.54	77	922084	55.15	nq	84
64) 4,6-Dinitro-2-methylphenol	13.45	198	123081	48.22	nq	# 80
65) n-Nitrosodiphenylamine	13.51	169	613687	47.27	nq	99
66) 4-Bromophenyl-phenylether	14.08	248	205766	46.85	nq	# 89
67) Hexachlorobenzene	14.15	284	214173	46.63	nq	# 82
68) Atrazine	14.43	200	173109	41.83	nq	94
69) Pentachlorophenol	14.50	266	137823	95.27	nq	98
70) Phenanthrene	14.81	178	1107364	49.80	nq	99
71) Anthracene	14.89	178	1099362	48.94	nq	100
72) Carbazole	15.19	167	991135	51.73	nq	99
73) Di-n-butylphthalate	15.76	149	1132784	45.72	nq	# 98
74) Fluoranthene	16.57	202	1134899	50.90	nq	93
76) Benzidine	16.81	184	18937	2.33	nq	96
77) Pyrene	16.87	202	1083340	47.61	nq	99
79) Butylbenzylphthalate	17.78	149	476905	47.26	nq	# 70
80) Benzo(a)anthracene	18.46	228	935844	52.05	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	78438	7.90	nq	99
82) Chrysene	18.50	228	880262	49.33	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	637131	43.27	nq	# 94
84) Di-n-octyl phthalate	19.30	149	993901	44.26	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.36	276	653144	45.66	nq	94
87) Benzo(b)fluoranthene	19.73	252	718667	49.44	nq	# 95
88) Benzo(k)fluoranthene	19.76	252	703003m	56.19	nq	
89) Benzo(a)pyrene	20.08	252	648154	51.56	nq	# 97
90) Dibenzo(a,h)anthracene	21.36	278	558527	52.09	nq	# 93
91) Benzo(g,h,i)perylene	21.70	276	552310	52.21	nq	# 92

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



#1

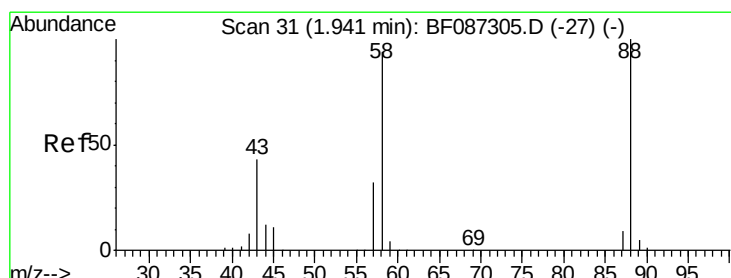
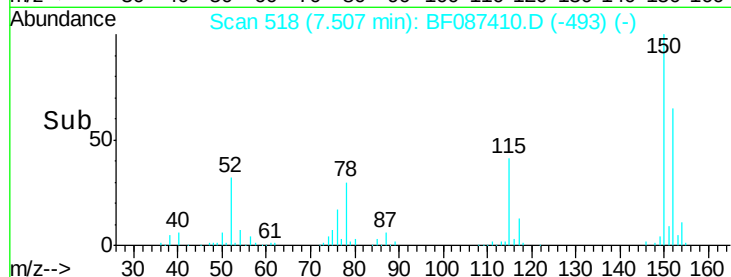
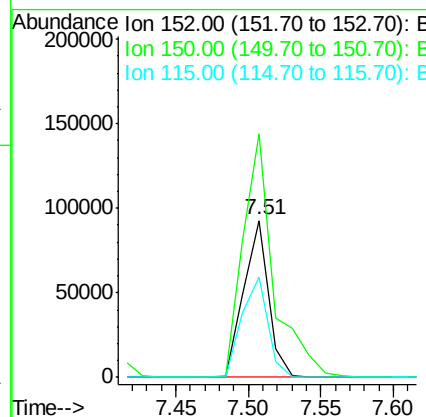
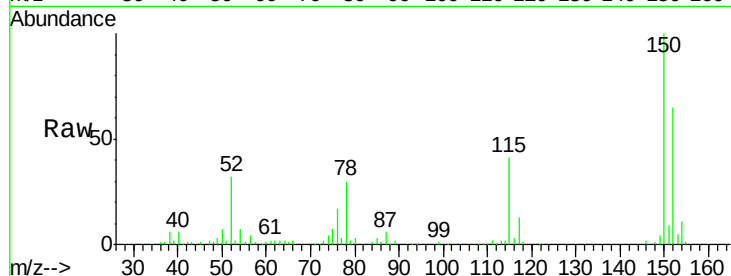
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	64.1	51.5	77.3

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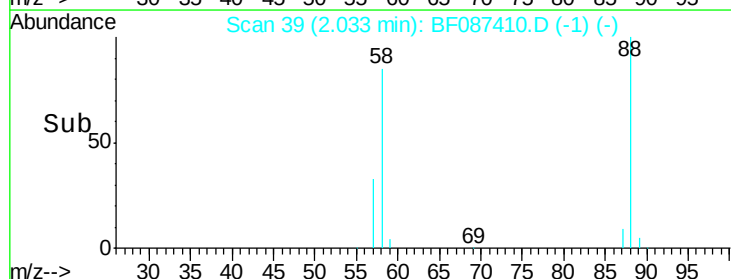
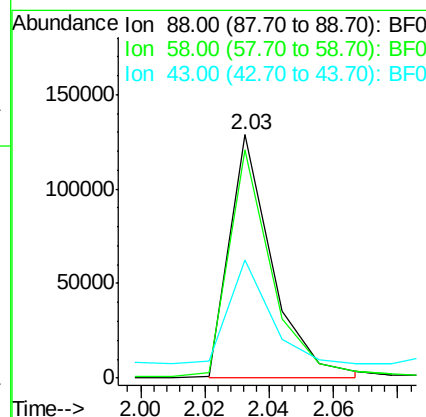
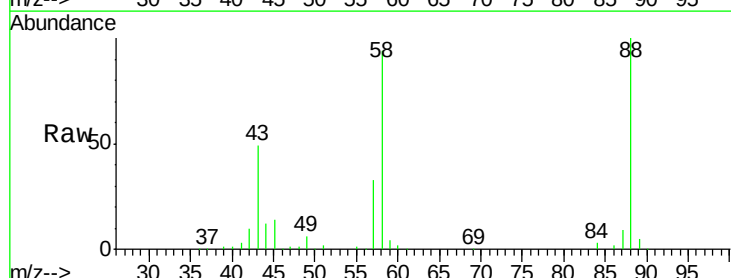
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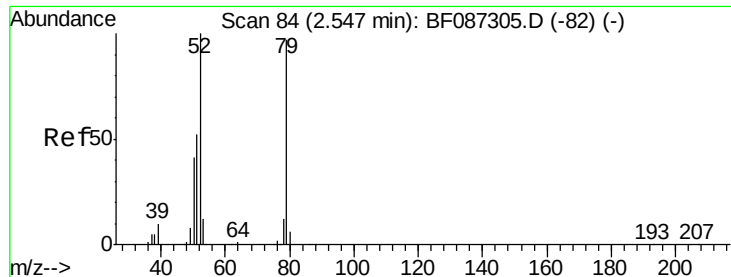


#2

1,4-Dioxane
Concen: 36.46 ng m
RT: 2.03 min Scan# 39
Delta R.T. 0.22 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#





#3

Pvridine

Concen: 27.66 ng/ml

RT: 2.67 min Scan# 95

Delta R.T. 0.26 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

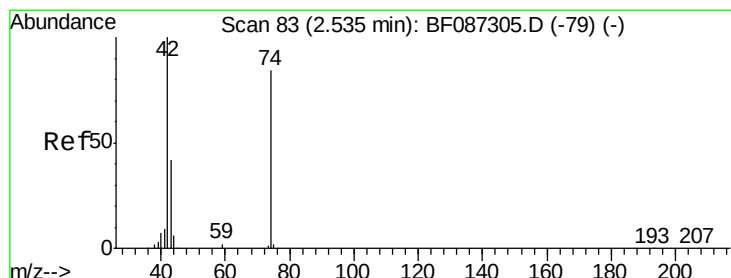
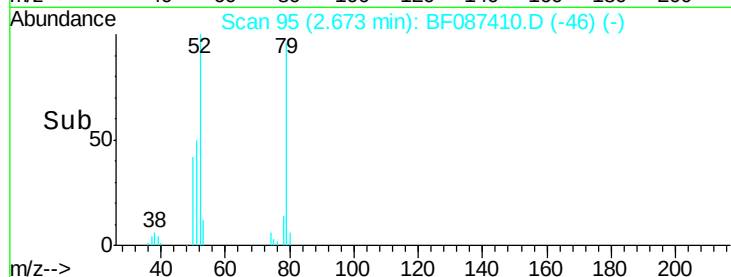
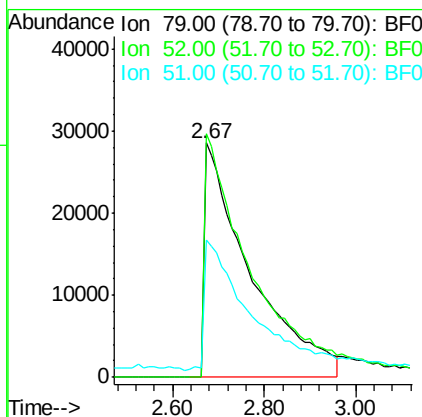
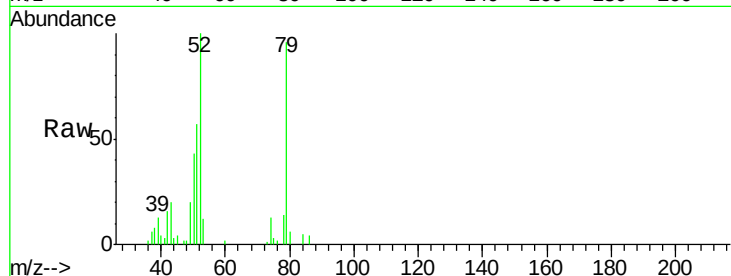
ClientSampleId :

CHS-STA-1711(0-4)MS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	103.8	55.9	83.9#
51	58.8	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 43.12 ng/ml

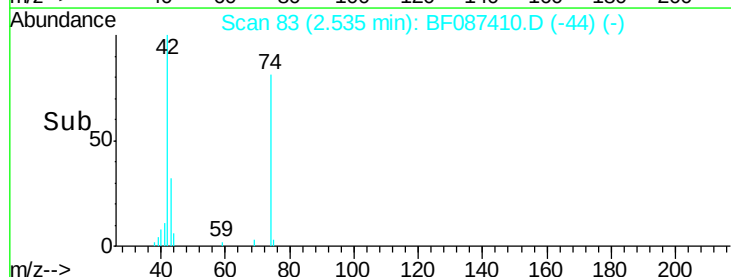
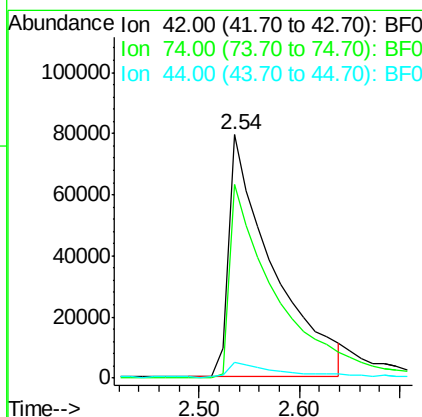
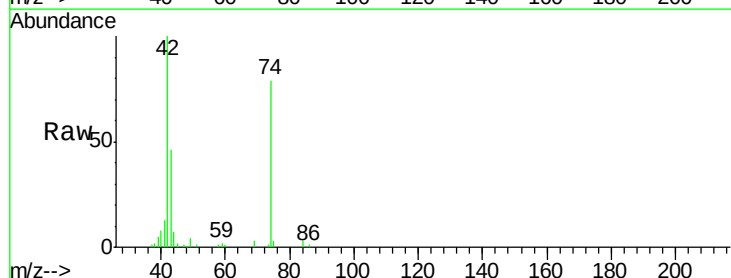
RT: 2.54 min Scan# 83

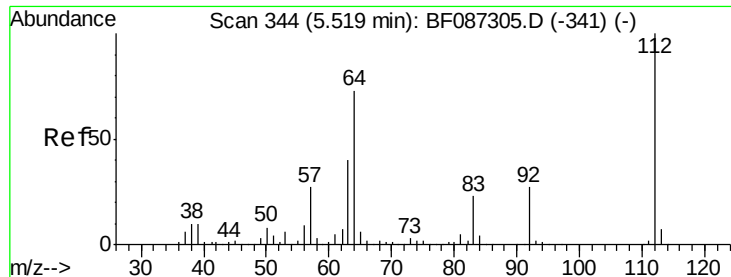
Delta R.T. 0.15 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	79.4	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 142.72 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

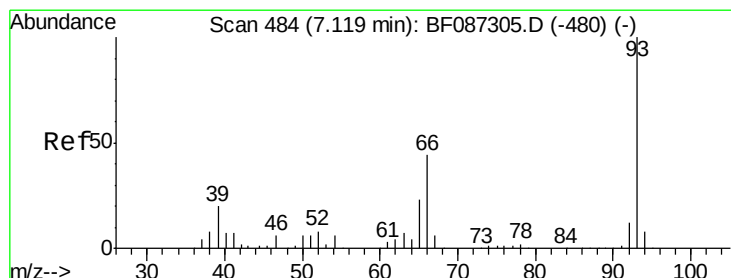
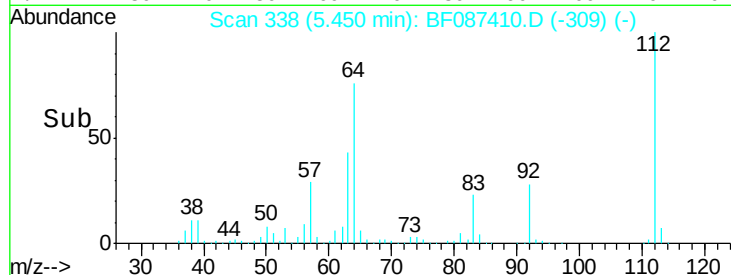
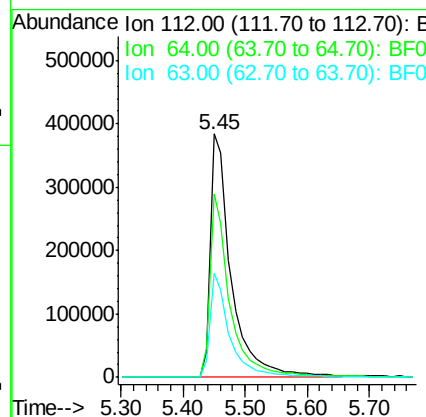
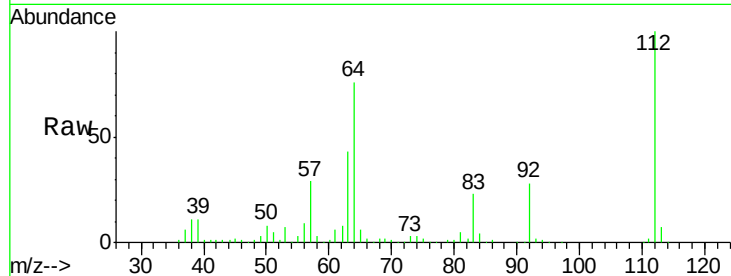
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:	112	Resp:	891670
Ion Ratio	Lower	Upper	
112	100		
64	75.6	52.1	78.1
63	42.8	25.7	38.5#

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#6

Aniline

Concen: 13.14 ng

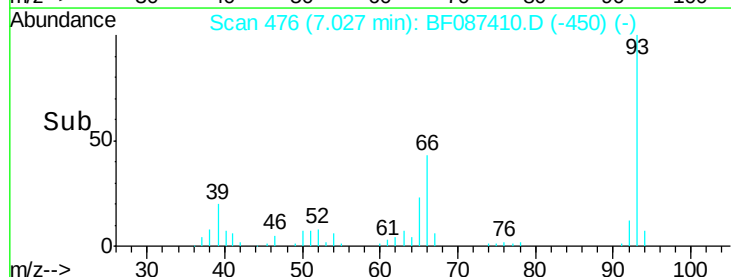
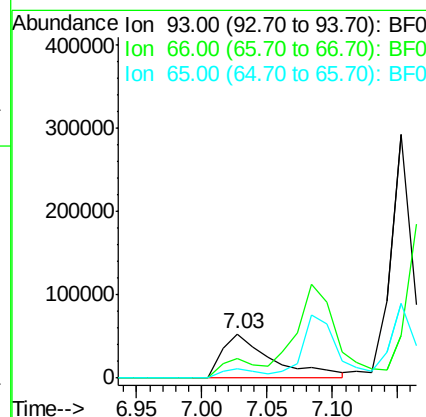
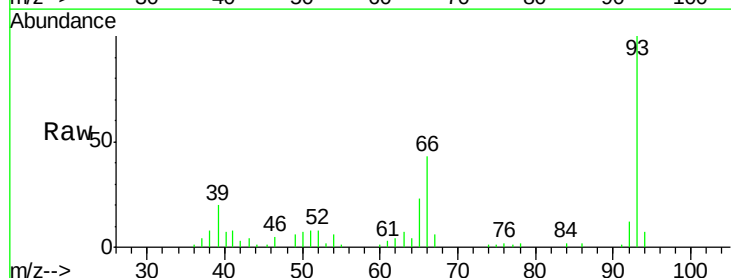
RT: 7.03 min Scan# 476

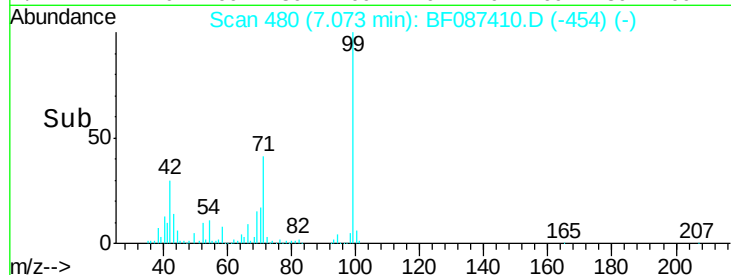
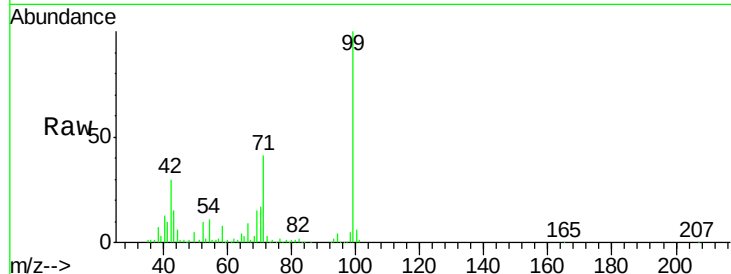
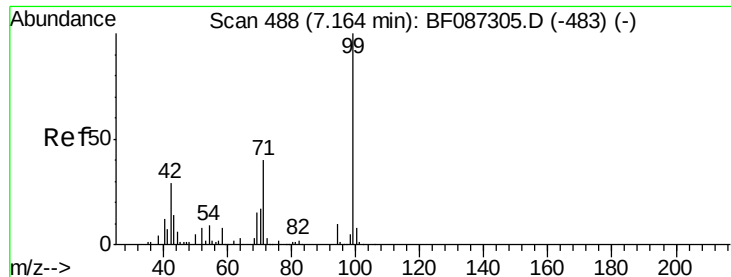
Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion:	93	Resp:	143549
Ion Ratio	Lower	Upper	
93	100		
66	43.0	39.0	58.6
65	22.6	20.6	31.0





#7

Phenol-d6

Concen: 126.21 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087410.D

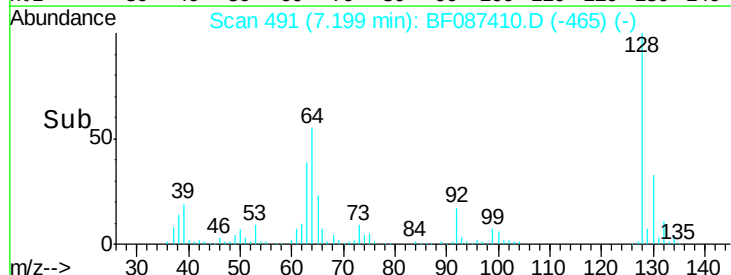
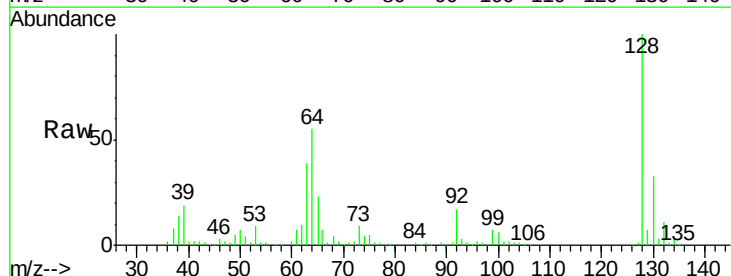
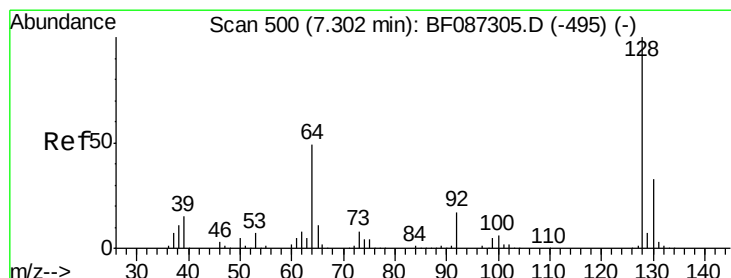
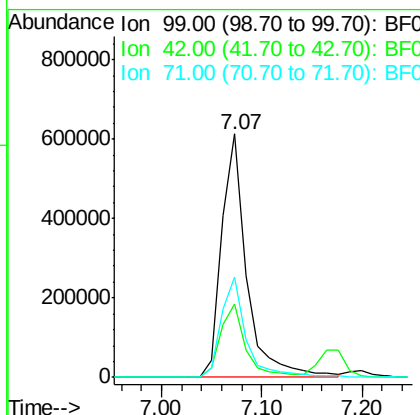
Acq: 26 May 2016 16:02

Tot Ion	Ratio	Lower	Upper
99	100		
42	30.2	13.6	20.4#
71	41.1	24.6	36.8#

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#8

2-Chlorophenol

Concen: 45.87 ng

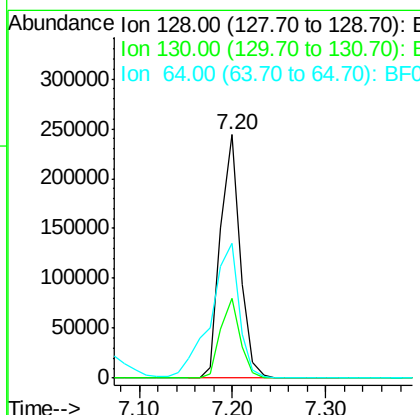
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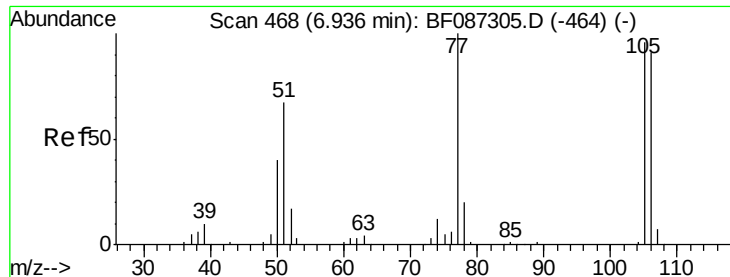
Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	55.2	27.3	67.3





#9

Benzaldehyde

Concen: 4.22 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.03 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

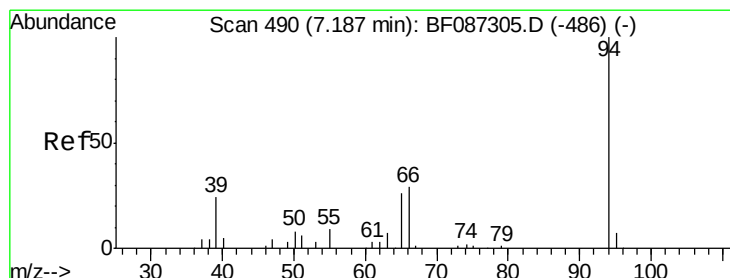
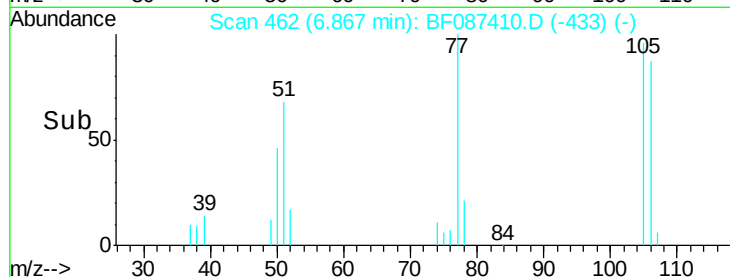
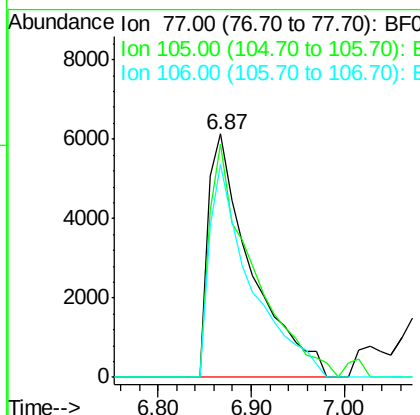
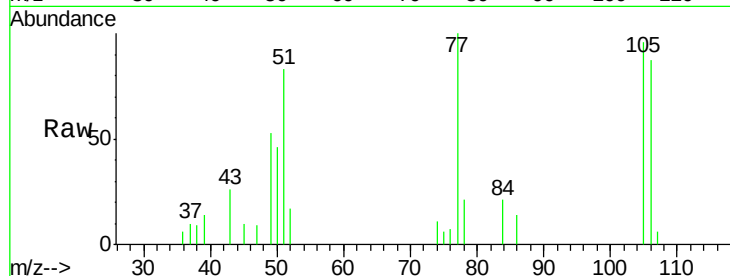
ClientSampleId :

CHS-STA-1711(0-4)MS

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Tot Ion:	77	Resp:	19683
Ion	Ratio	Lower	Upper
77	100		
105	95.9	72.7	112.7
106	87.5	70.8	110.8



#10

Phenol

Concen: 43.24 ng

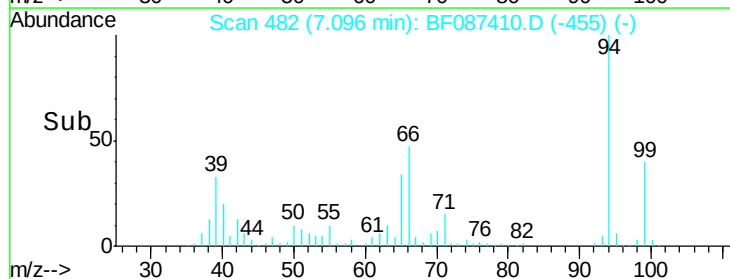
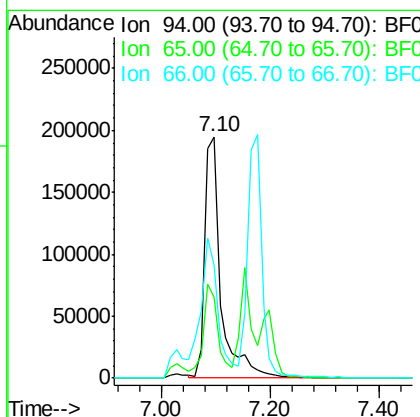
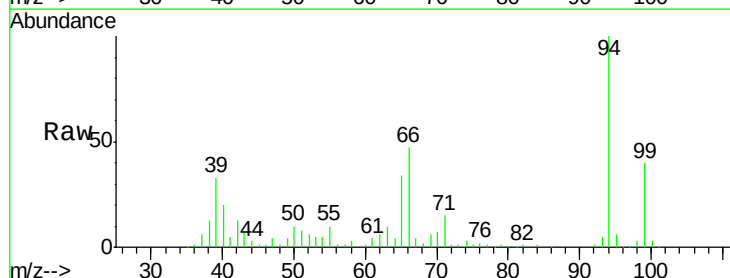
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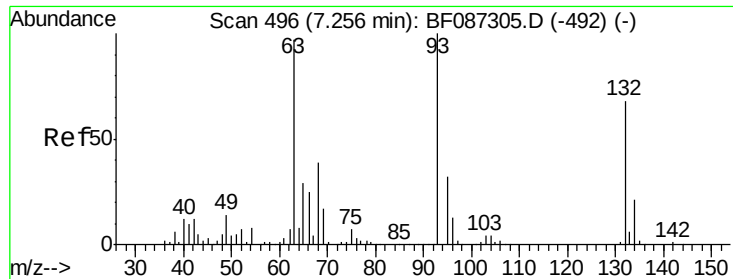
Delta R.T. 0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion:	94	Resp:	398639
Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.2	47.2
66	46.9	14.9	54.9





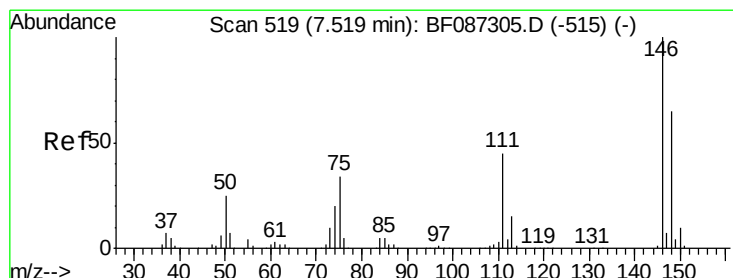
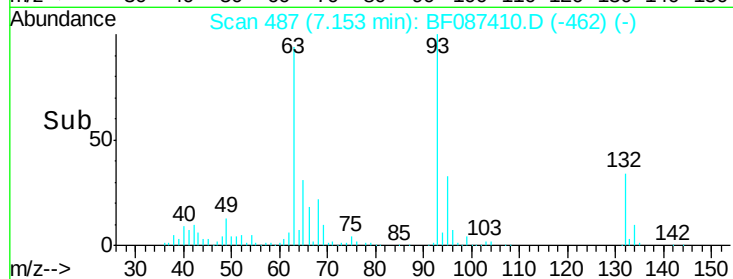
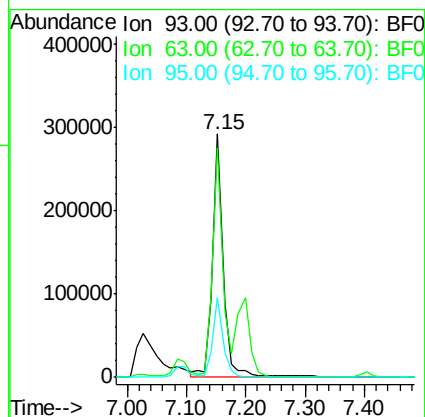
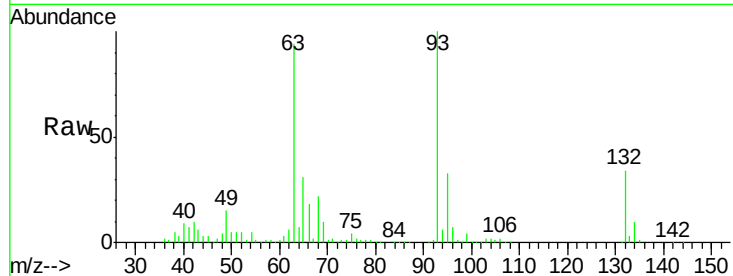
#11
bis(2-Chloroethyl)ether
Concen: 48.95 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	365216		
63	94.3	58.0	98.0	
95	32.9	11.9	51.9	

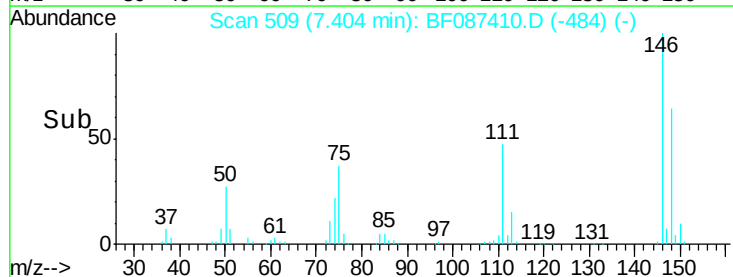
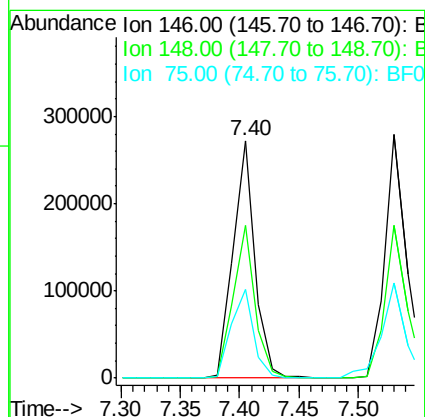
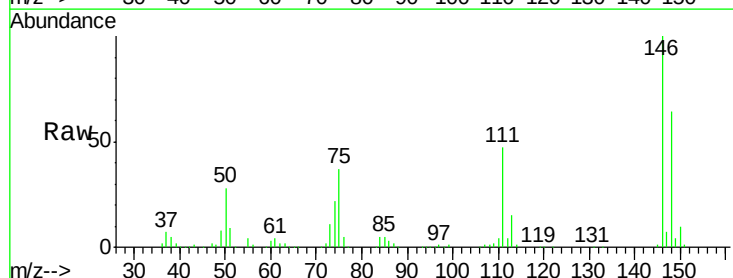
Manual Integrations
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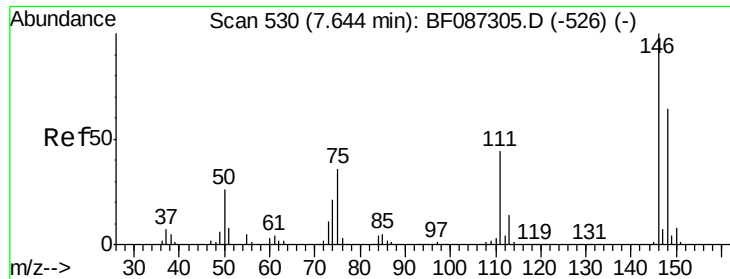
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#12
1,3-Dichlorobenzene
Concen: 40.83 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	346974		
148	64.3	52.4	78.6	
75	37.2	22.8	34.2	





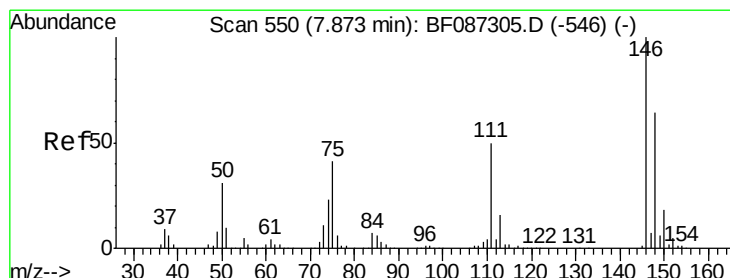
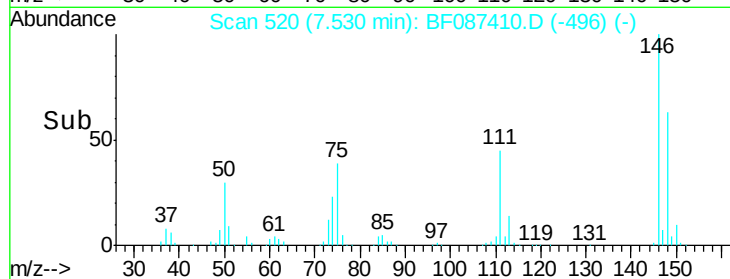
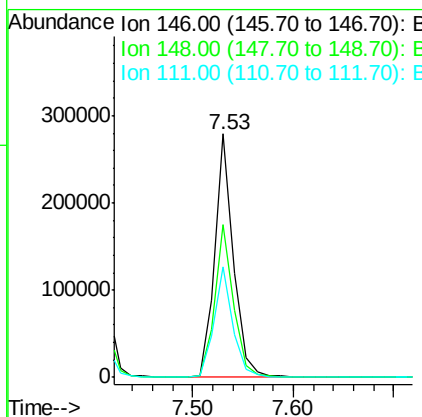
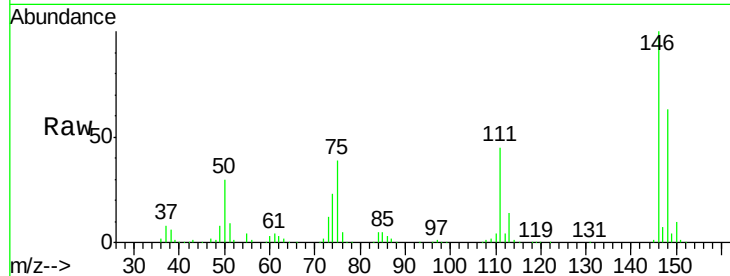
#13
 1,4-Dichlorobenzene
 Concen: 41.20 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.4
111	45.5	30.7	46.1

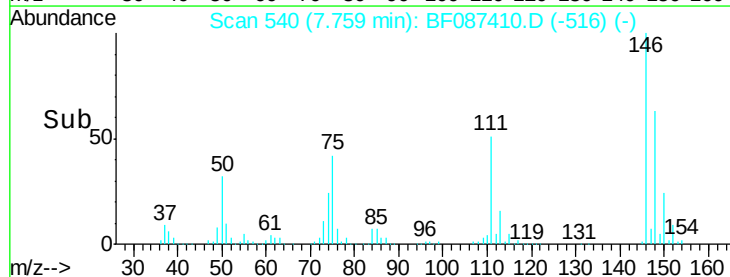
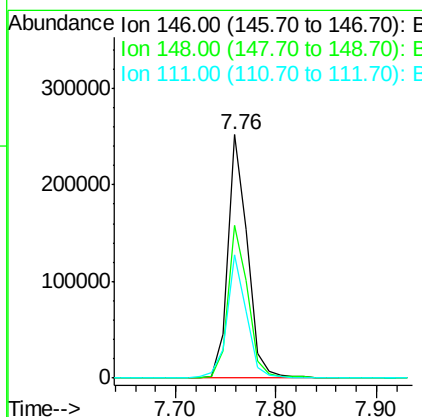
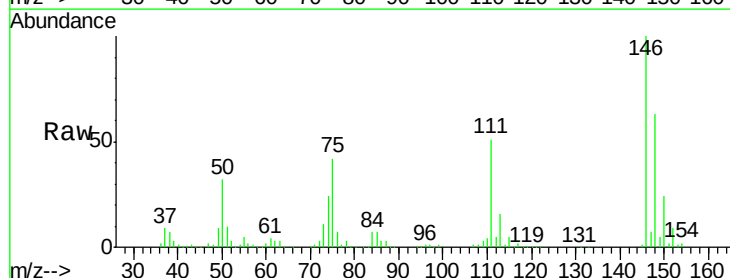
Manual Integrations
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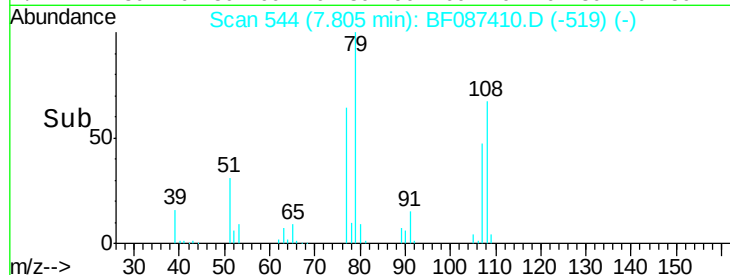
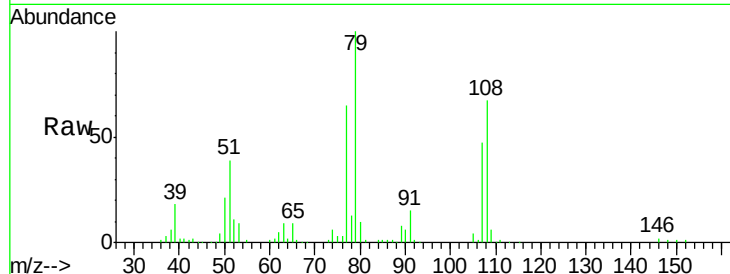
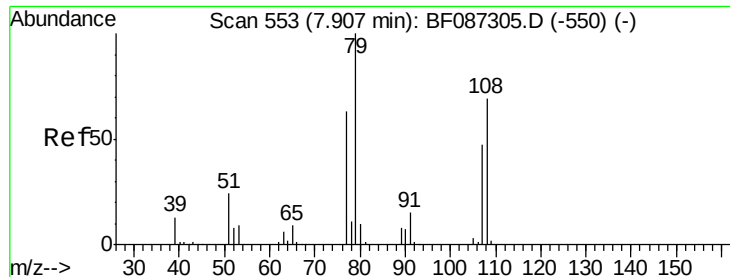
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#14
 1,2-Dichlorobenzene
 Concen: 41.85 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	50.6	36.2	54.4





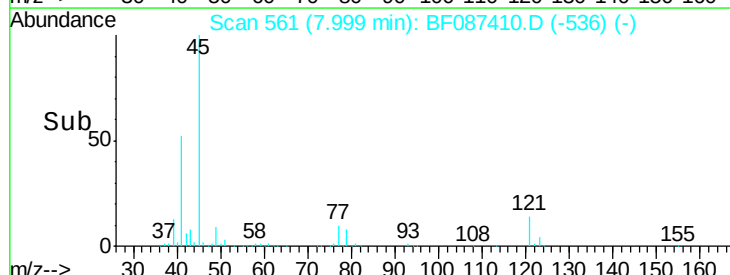
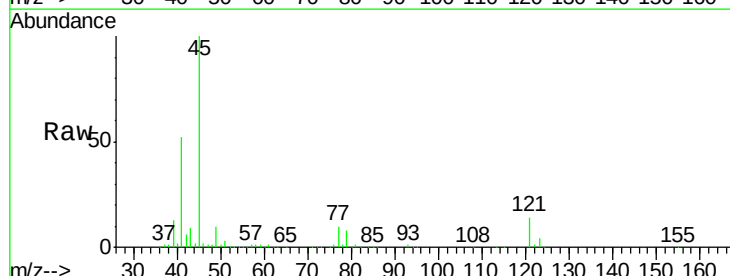
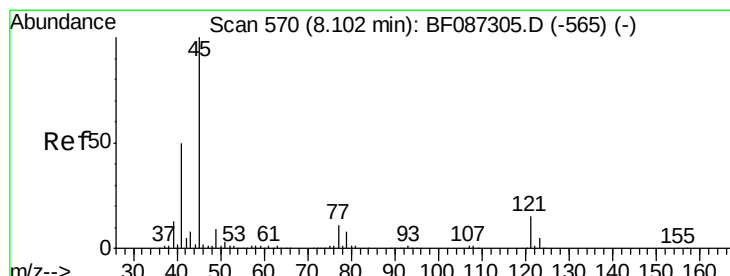
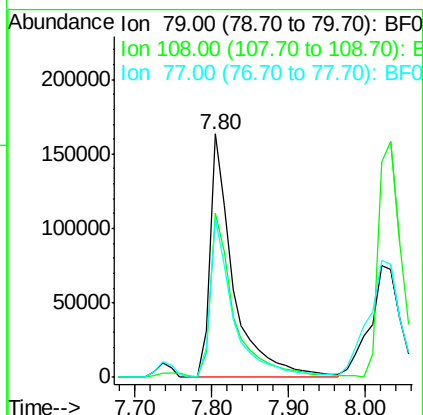
#15
Benzyl Alcohol
Concen: 55.65 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.4	68.4	102.6#
77	65.1	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

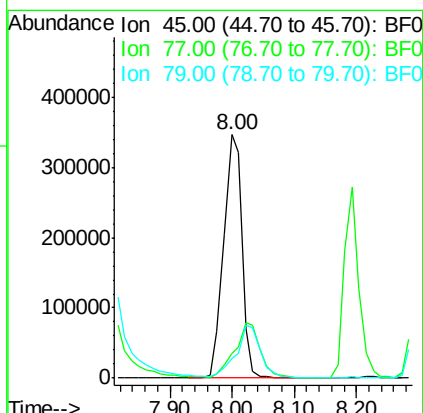
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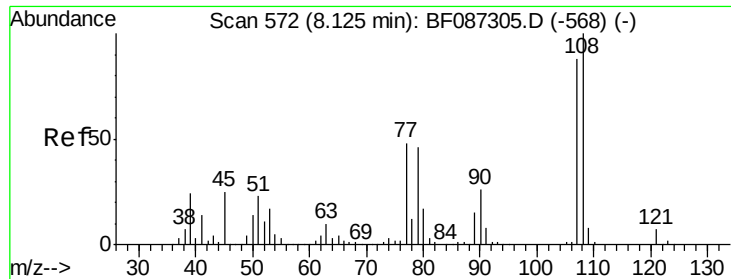
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.88 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	36.4
79	7.9	0.0	33.4





#17

2-Methylphenol

Concen: 46.28 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

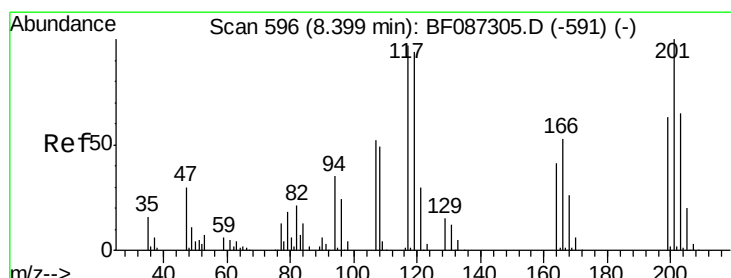
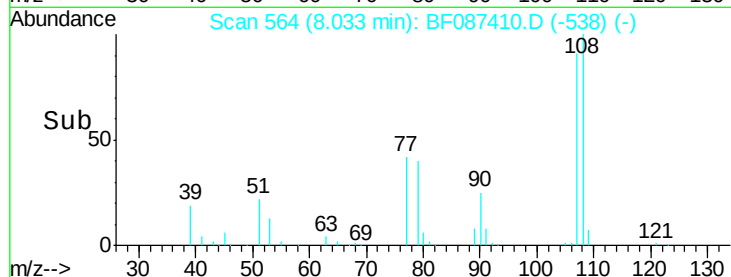
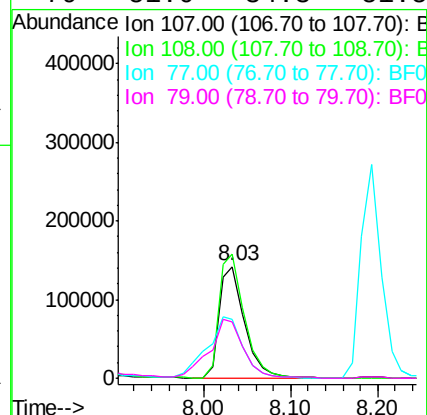
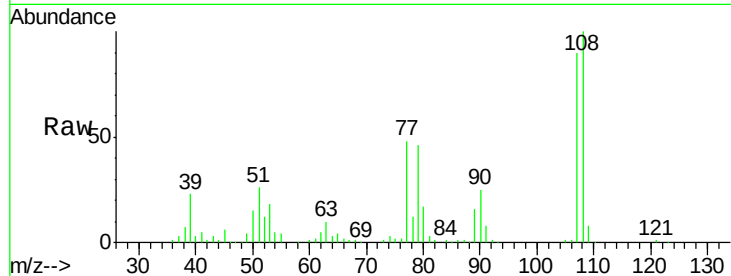
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	93.7	140.5	
77	53.3	33.4	50.0	
79	51.0	34.3	51.5	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.39 ng

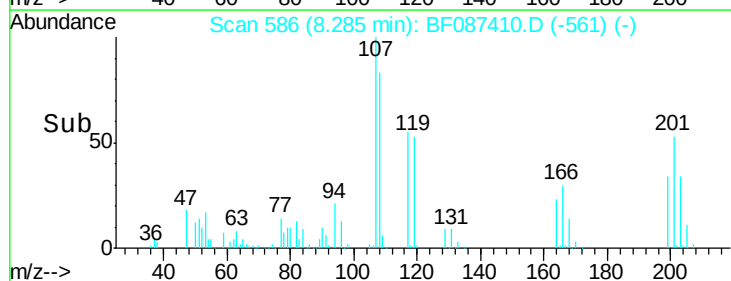
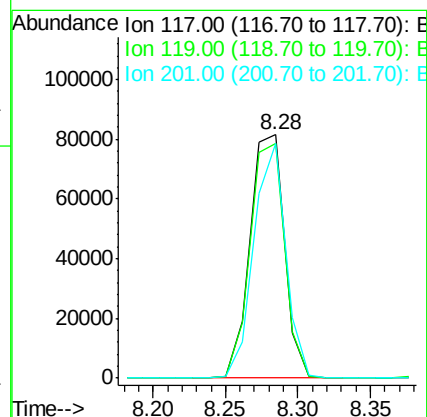
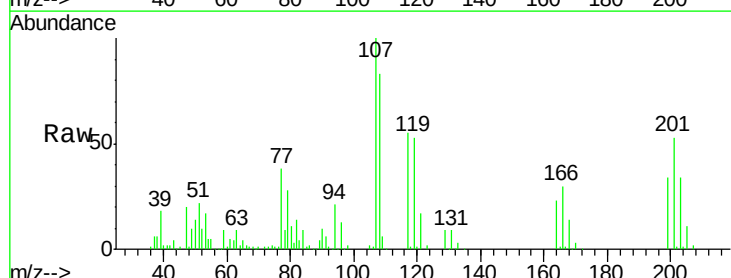
RT: 8.28 min Scan# 586

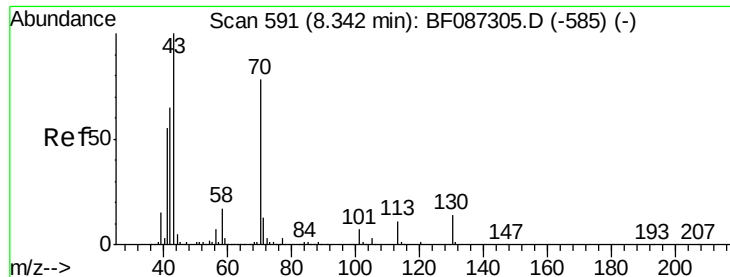
Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.5	114.7	
201	96.4	63.0	94.6	





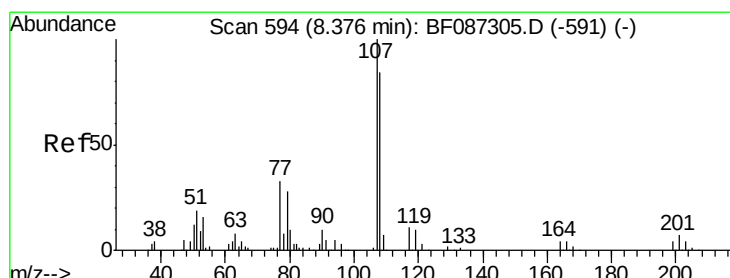
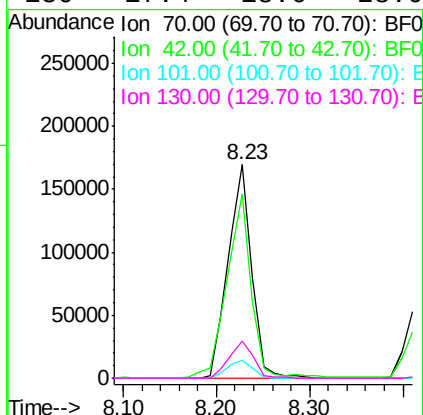
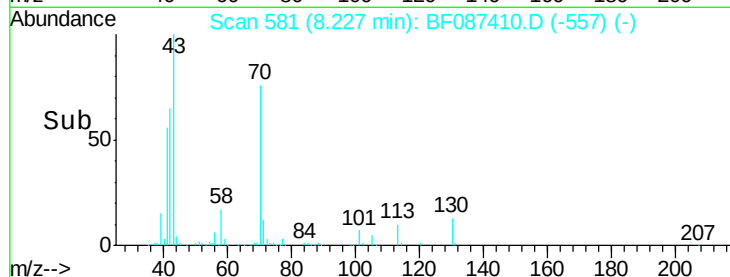
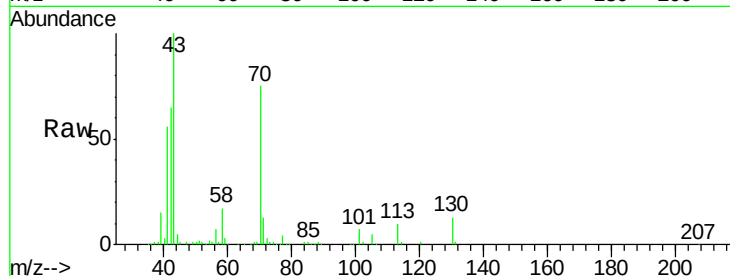
#19
n-Nitroso-di-n-propylamine
Concen: 47.43 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	86.2	43.1	64.7#		
101	8.7	8.1	12.1		
130	17.4	18.6	28.0#		

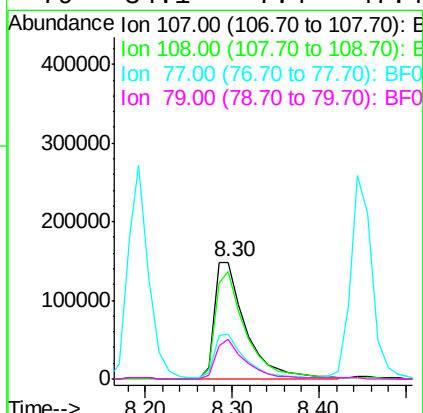
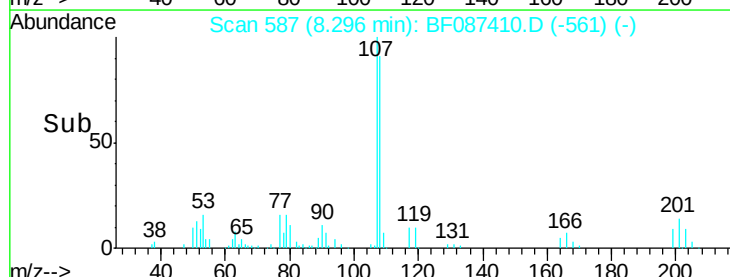
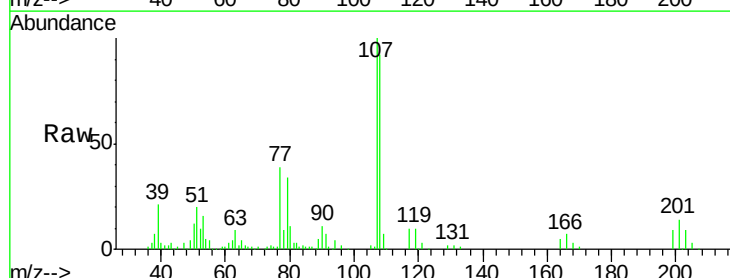
Manual Integrations
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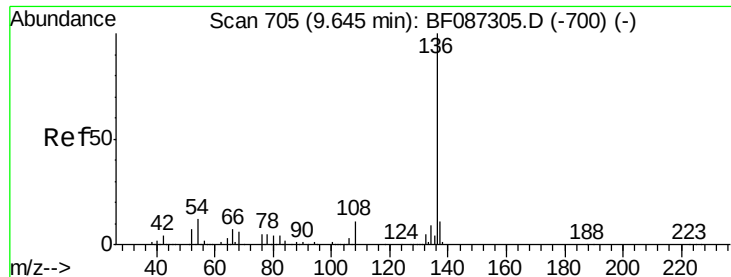
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#20
3+4-Methylphenols
Concen: 50.02 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	68.5	108.5		
77	38.8	101.6	141.6#		
79	34.1	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

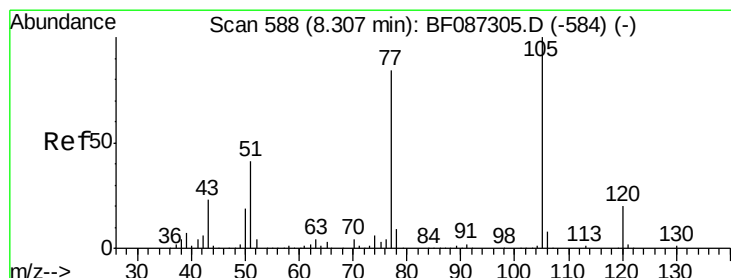
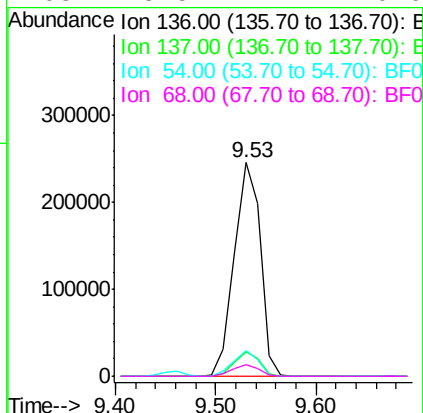
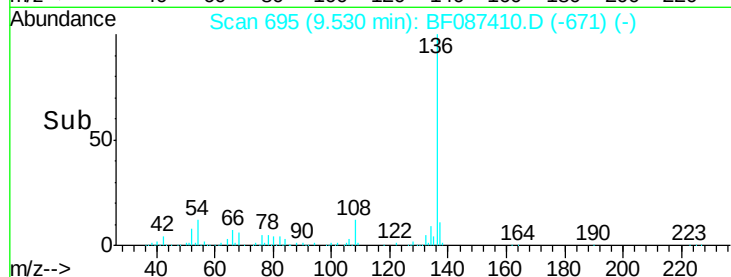
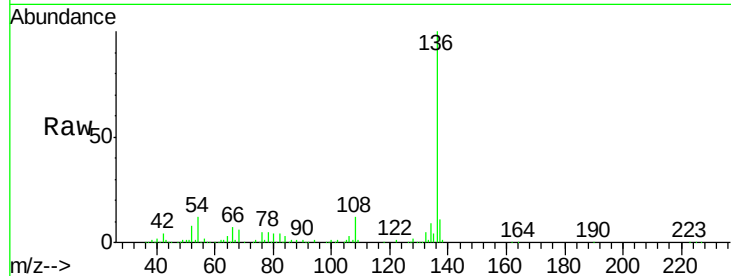
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		444472		
137	11.4	8.8	13.2		
54	12.2	5.0	7.4#		
68	5.5	4.4	6.6		

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#22

Acetophenone

Concen: 50.80 ng

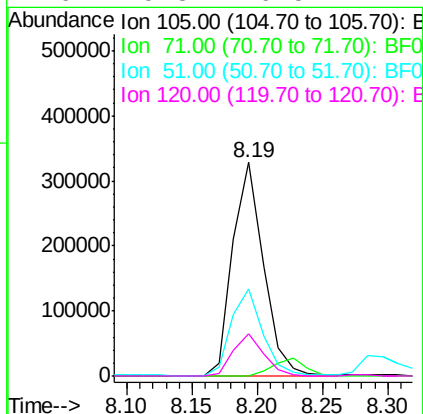
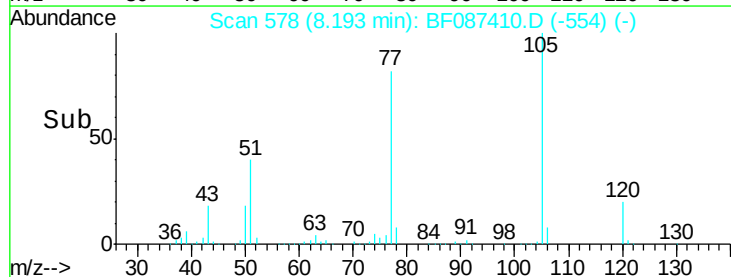
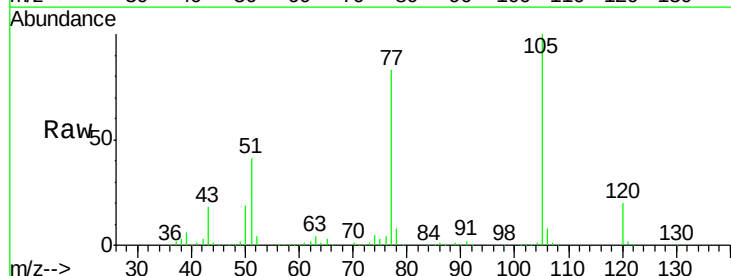
RT: 8.19 min Scan# 578

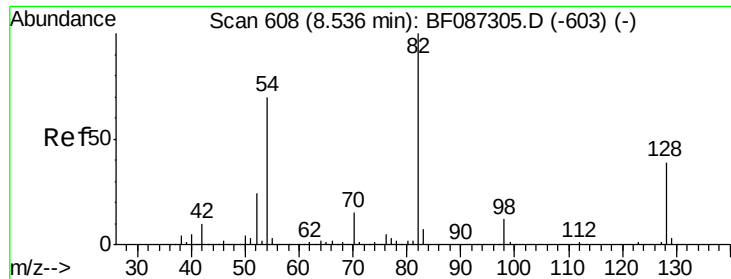
Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		539384		
71	0.2	4.8	7.2#		
51	41.0	32.6	49.0		
120	19.8	16.5	24.7		





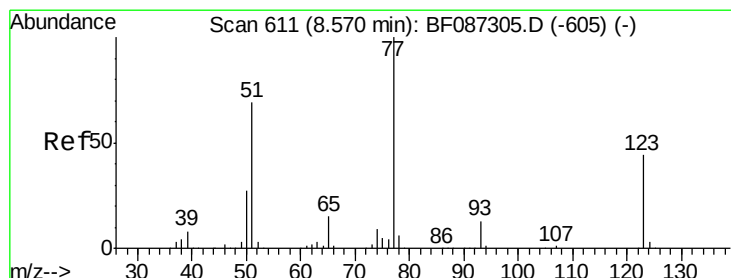
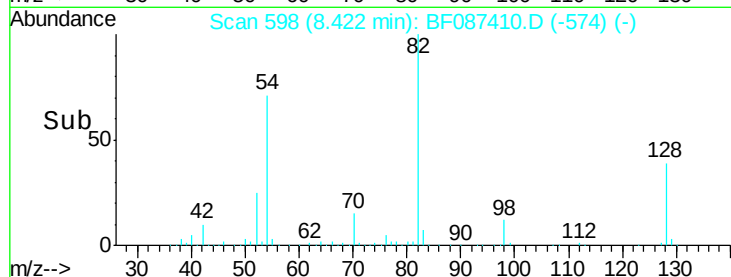
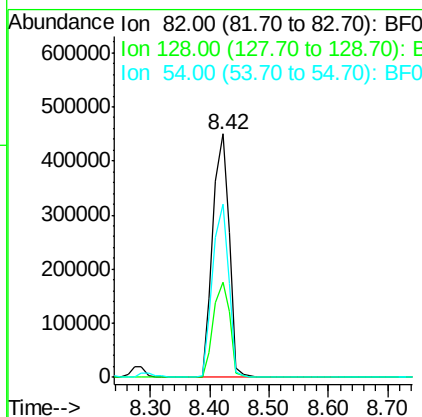
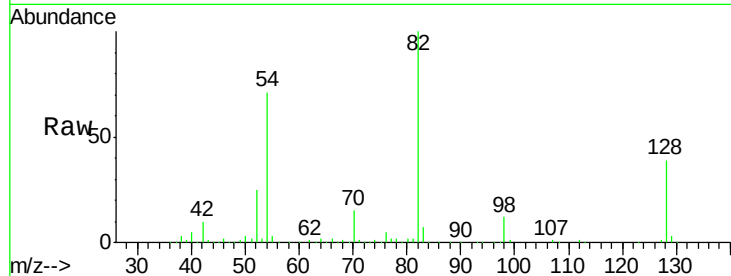
#23
 Nitrobenzene-d5
 Concen: 97.92 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.0	40.6	61.0#	
54	71.0	38.1	57.1#	

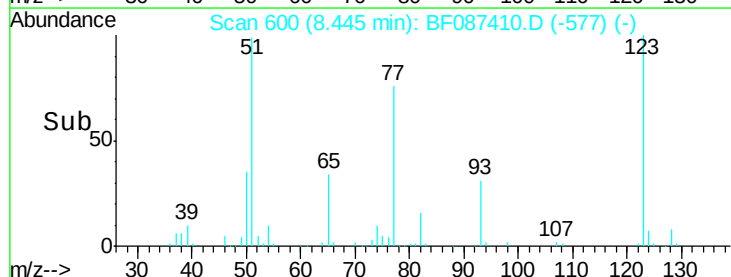
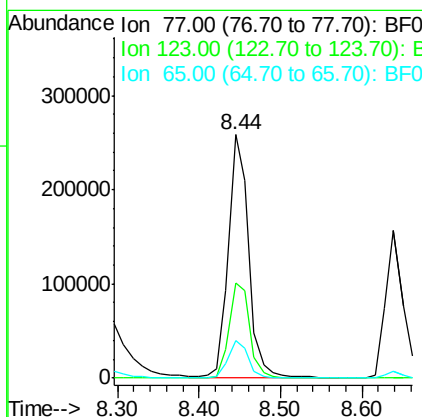
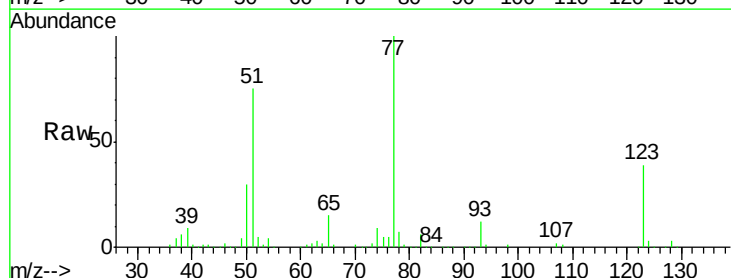
Manual Integrations
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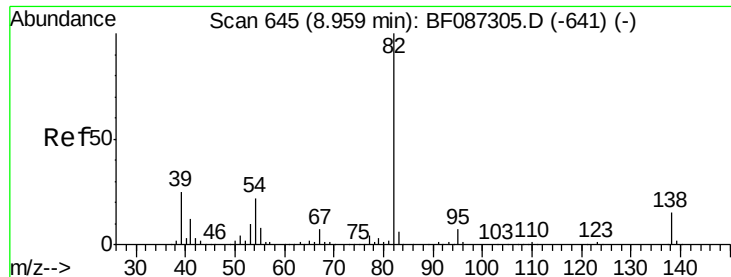
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#24
 Nitrobenzene
 Concen: 47.37 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.3	33.0	49.4	
65	15.3	10.8	16.2	





#25

Isophorone

Concen: 47.27 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

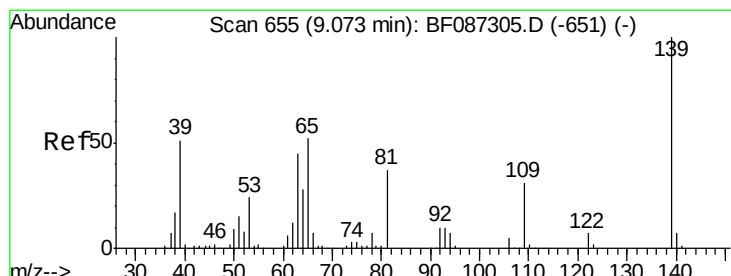
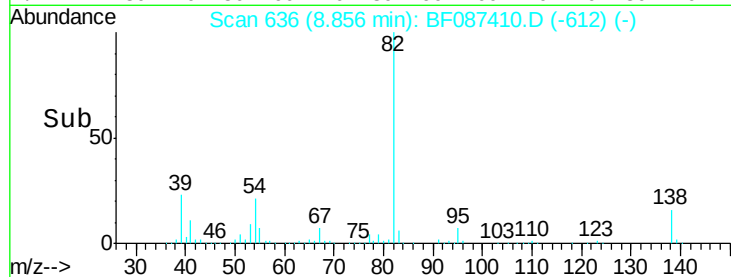
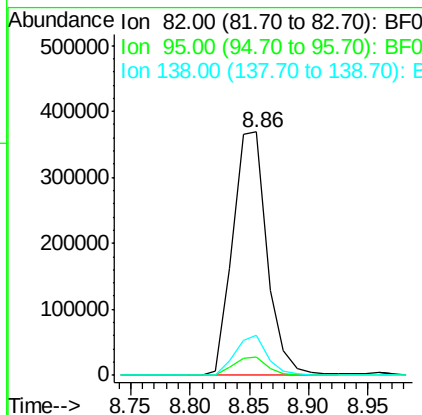
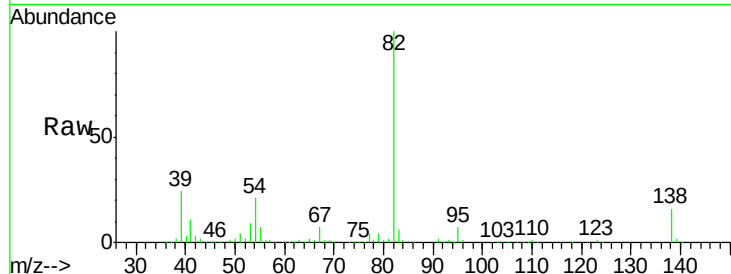
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:	82	Resp:	747607
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	16.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 49.31 ng

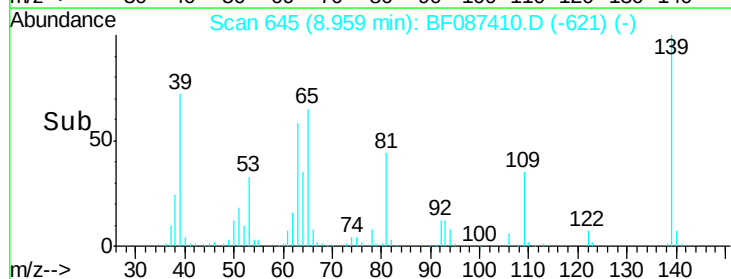
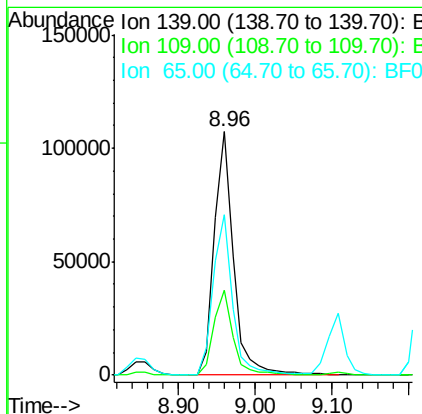
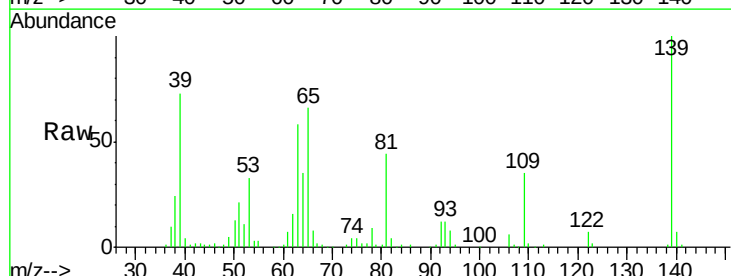
RT: 8.96 min Scan# 645

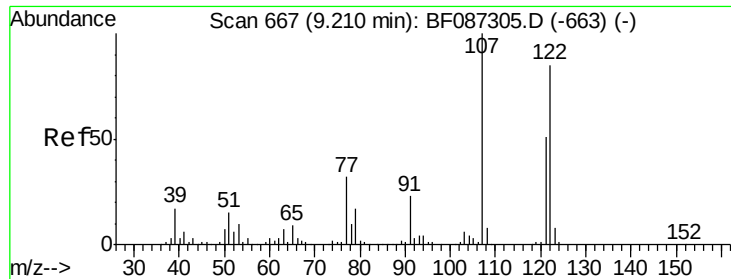
Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion:	139	Resp:	187629
Ion Ratio	Lower	Upper	
139	100		
109	35.0	19.5	29.3#
65	65.6	37.5	56.3#





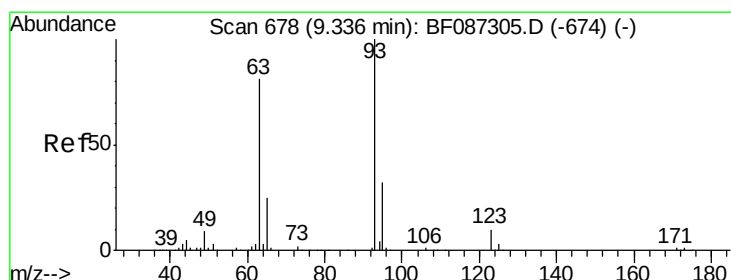
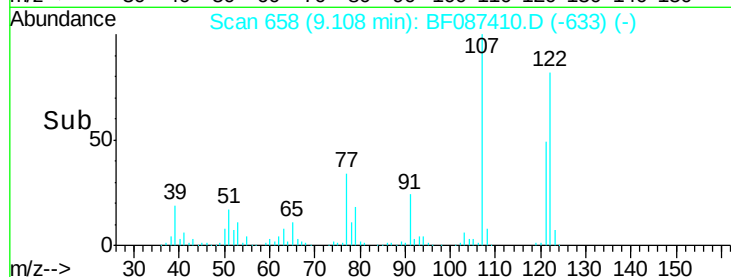
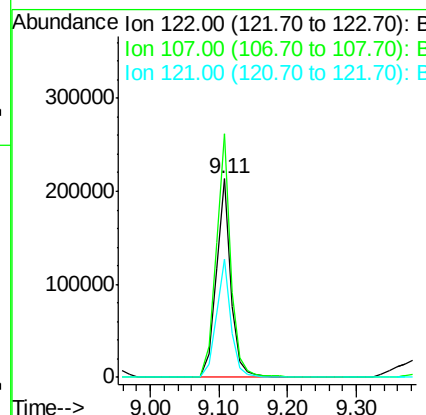
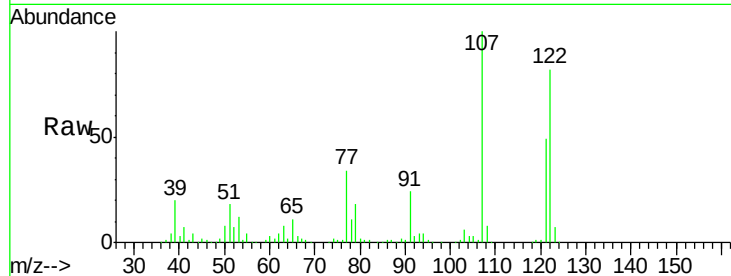
#27
 2,4-Dimethylphenol
 Concen: 48.32 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	319202		
107	122.5	82.0	123.0	
121	59.5	46.1	69.1	

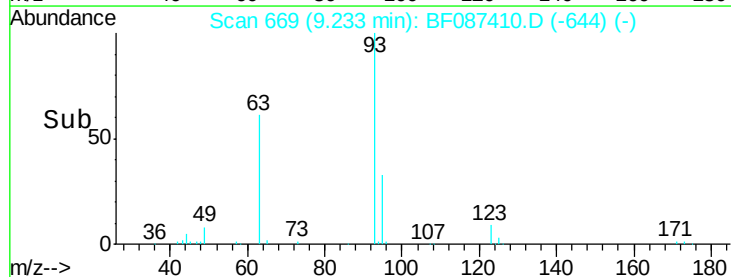
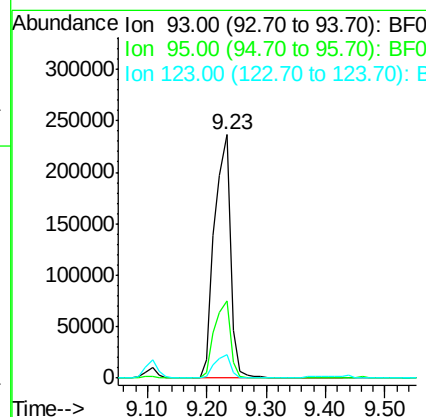
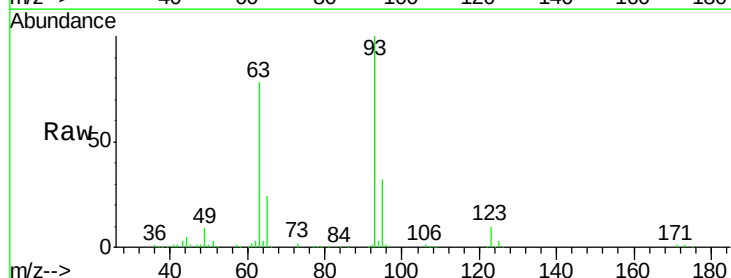
Manual Integrations
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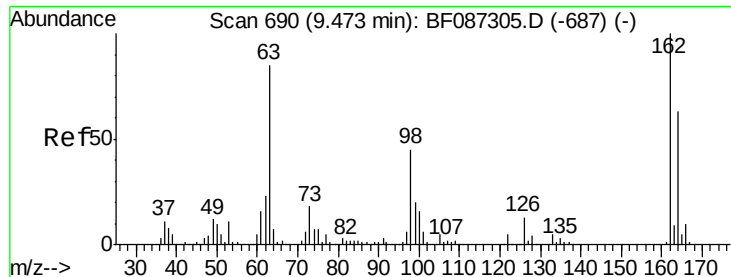
sohil
 5/27/2016 7:37:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.34 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	448498		
95	31.9	26.0	39.0	
123	9.9	9.5	14.3	





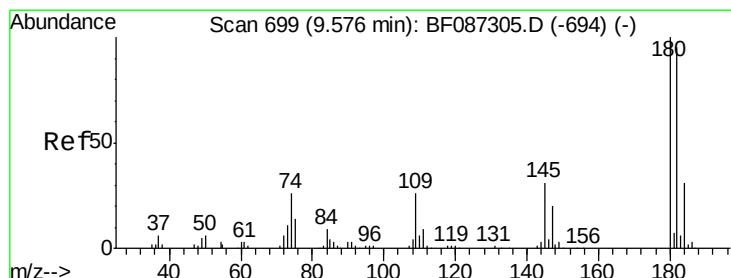
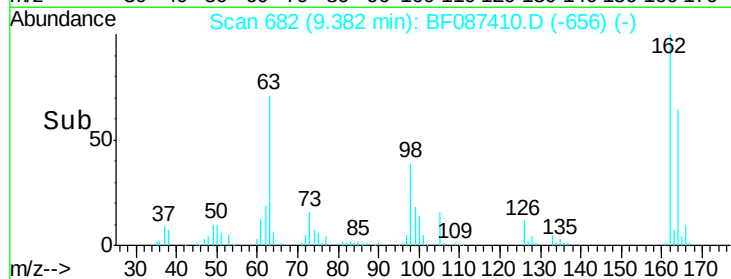
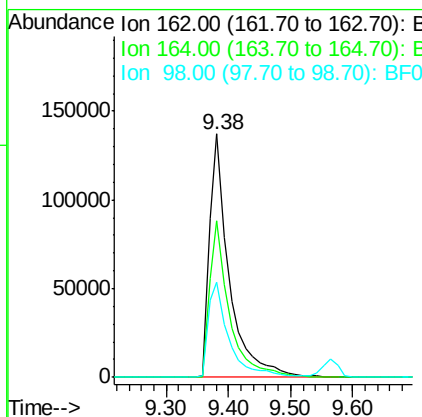
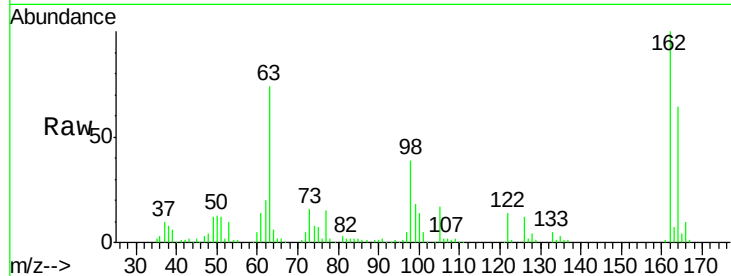
#29
 2,4-Dichlorophenol
 Concen: 50.07 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion:	162	Resp:	298091
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.2	82.2
98	39.1	19.0	59.0

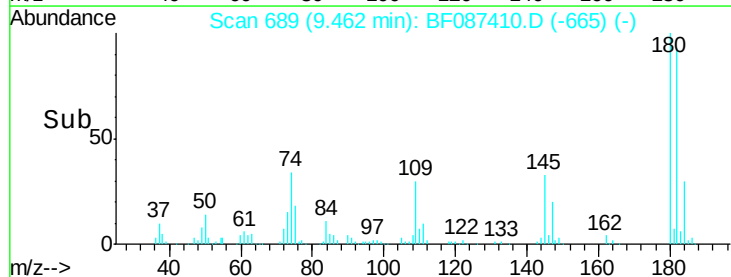
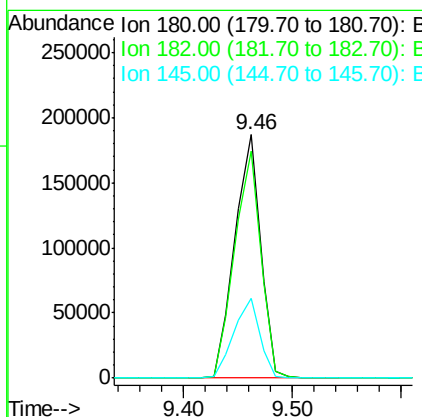
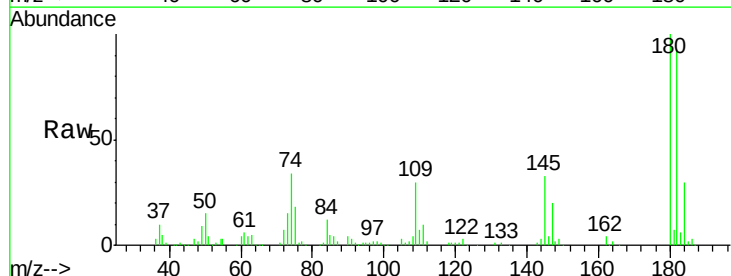
Manual Integrations
 APPROVED

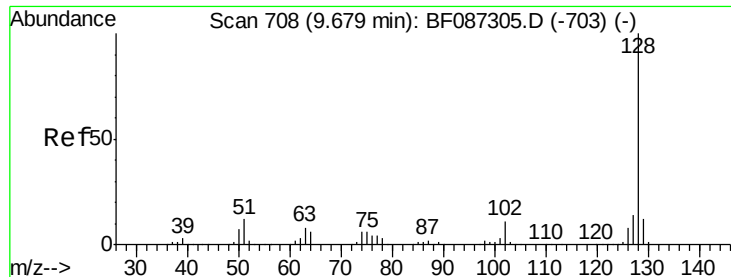
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.05 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion:	180	Resp:	307001
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.0	117.0
145	33.0	24.2	36.2





#31

Naphthalene

Concen: 48.02 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:128 Resp: 1069519

Ion Ratio Lower Upper

128 100

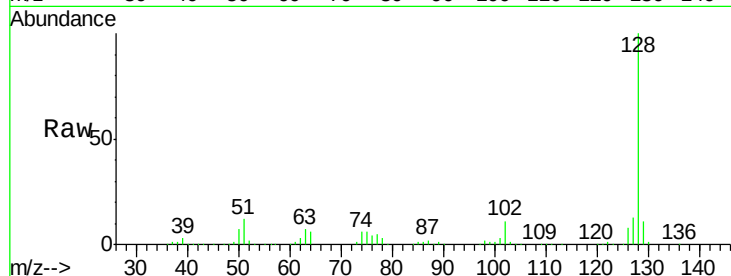
129 11.1 8.6 13.0

127 13.5 10.8 16.2

Manual Integrations
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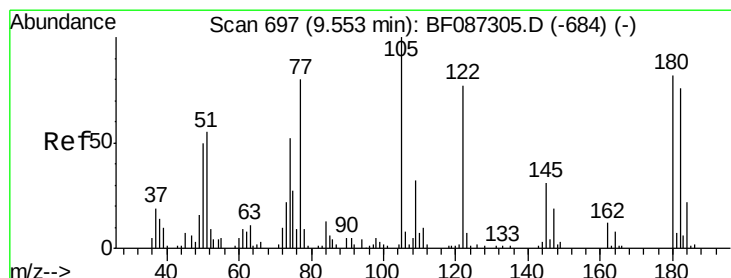
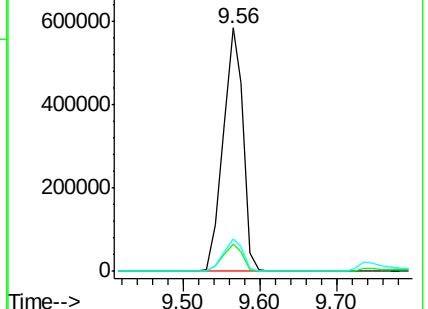
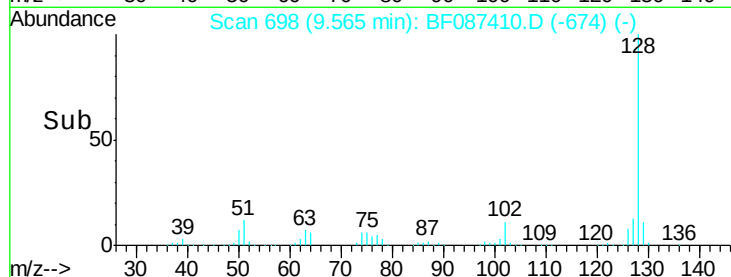
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.94 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

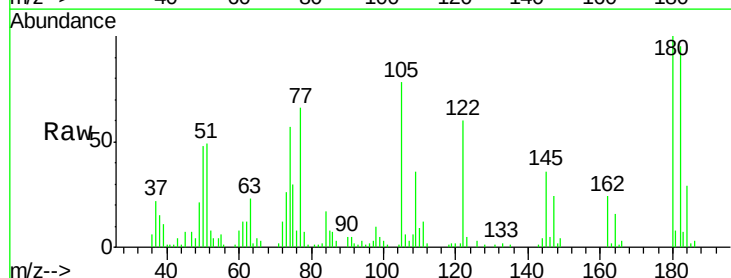
Tgt Ion:122 Resp: 139816

Ion Ratio Lower Upper

122 100

105 129.0 92.6 132.6

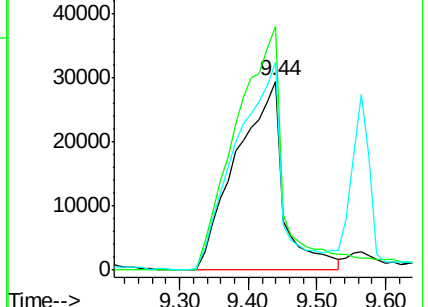
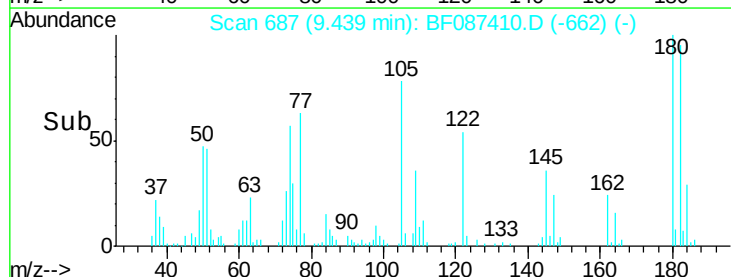
77 110.1 60.0 100.0#

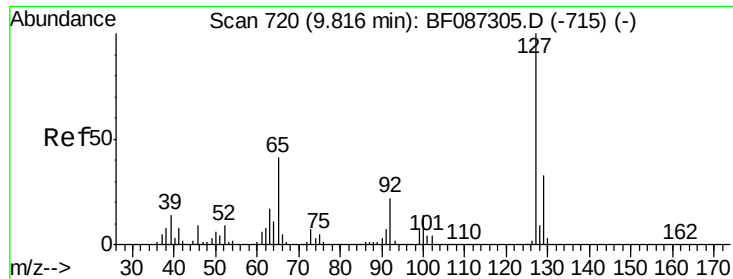


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





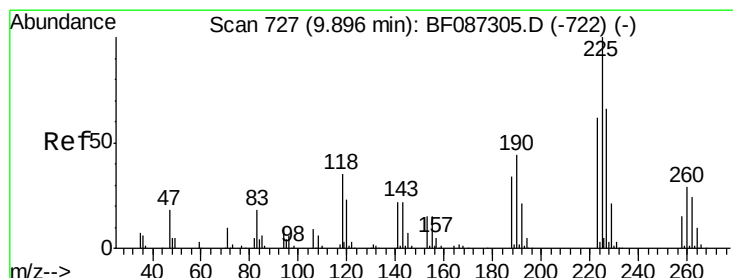
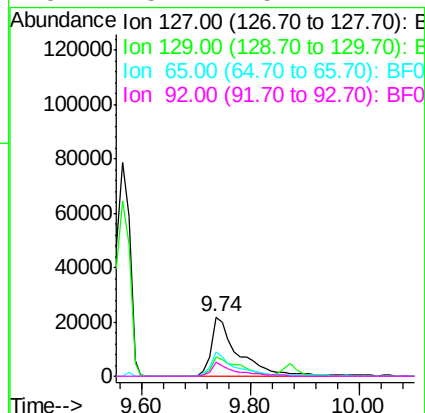
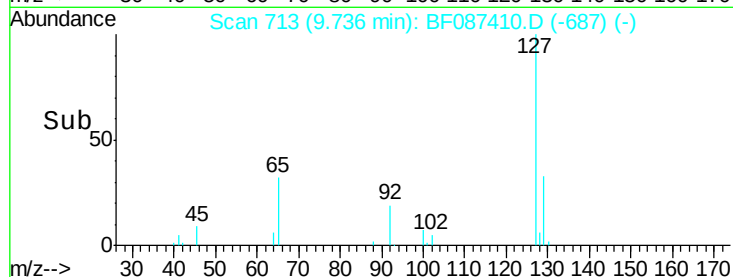
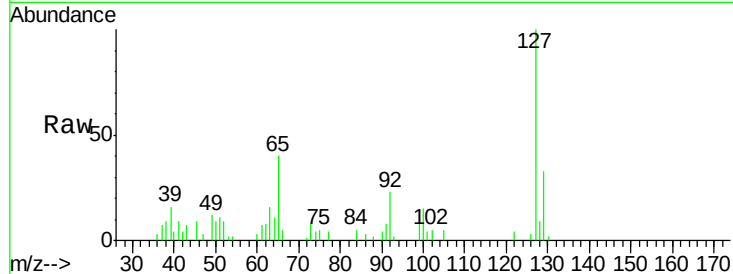
#33
4-Chloroaniline
Concen: 9.25 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	40.0	23.0	34.4		
92	23.2	15.1	22.7		

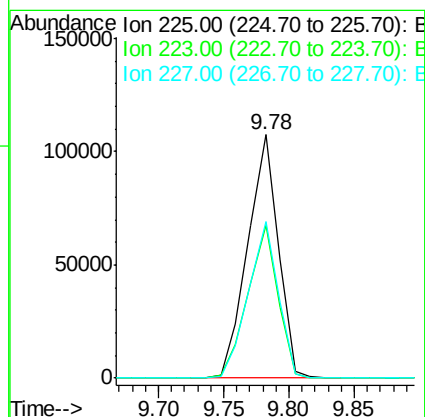
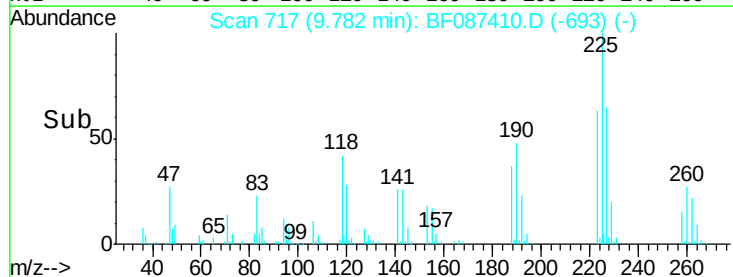
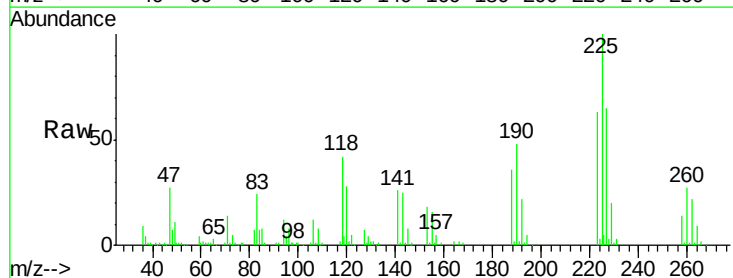
Manual Integrations
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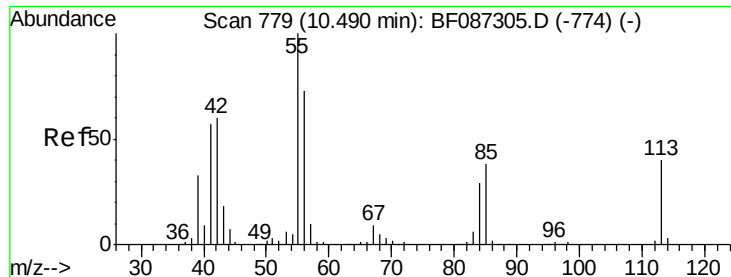
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#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.5	77.3		
227	64.6	52.2	78.2		





#35

Caprolactam

Concen: 43.16 ng/ml

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

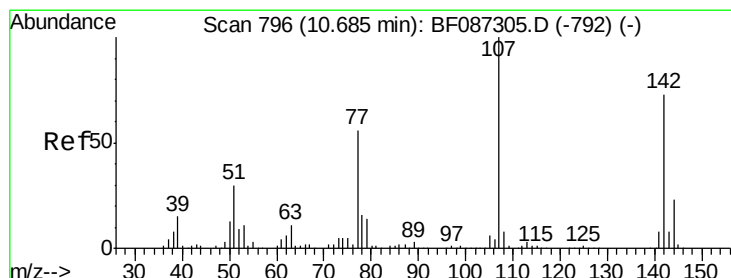
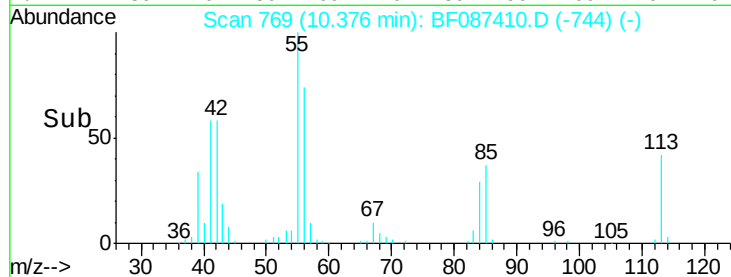
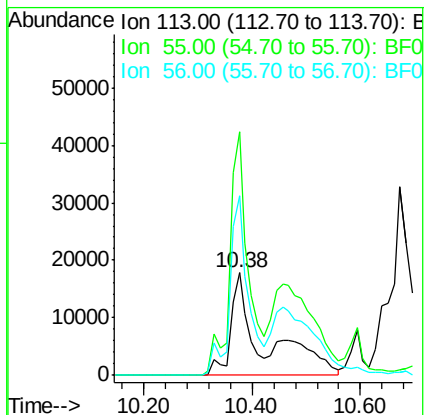
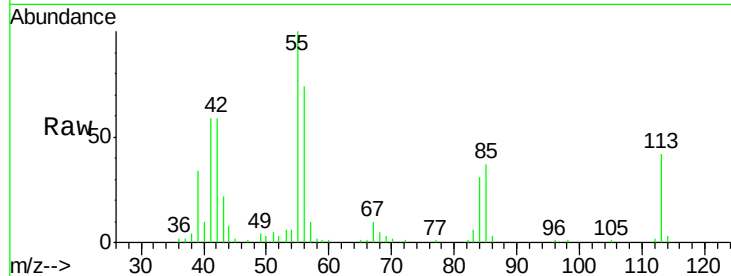
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:	113	Resp:	74991
Ion Ratio	Lower	Upper	
113	100		
55	237.0	162.0	202.0#
56	174.4	115.3	155.3#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 51.67 ng/ml

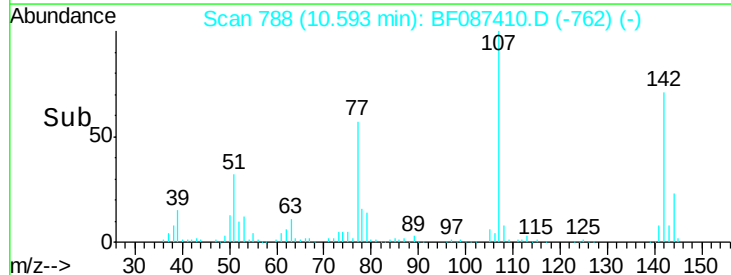
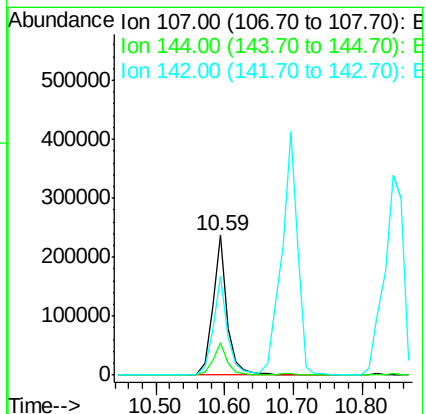
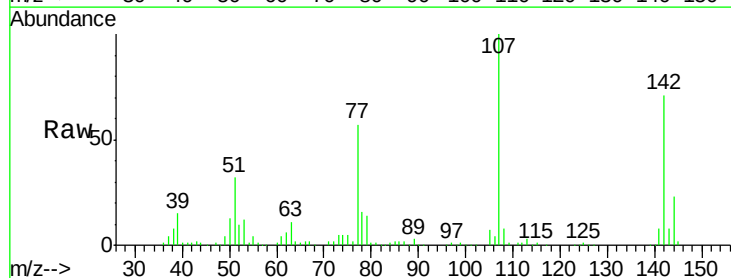
RT: 10.59 min Scan# 788

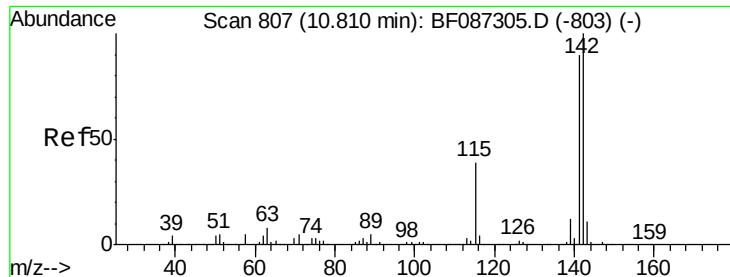
Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion:	107	Resp:	347740
Ion Ratio	Lower	Upper	
107	100		
144	22.9	20.7	31.1
142	71.2	63.2	94.8





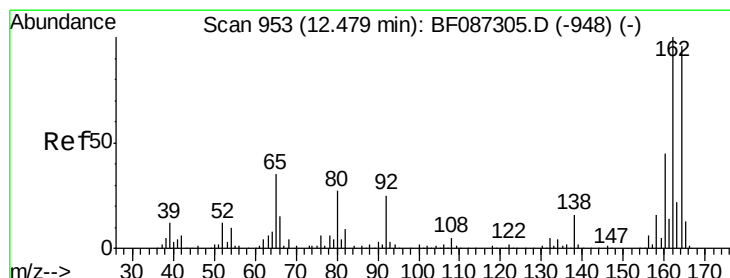
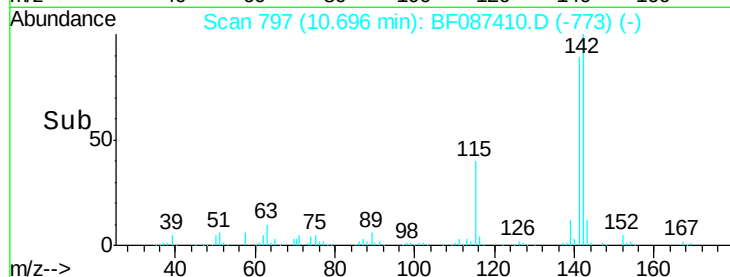
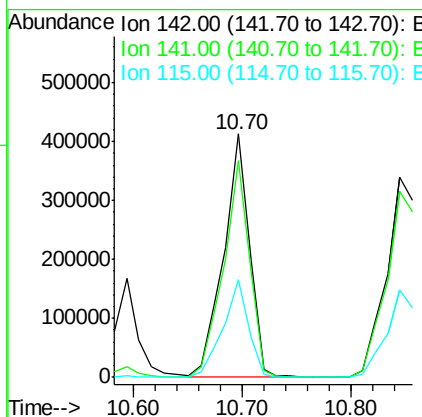
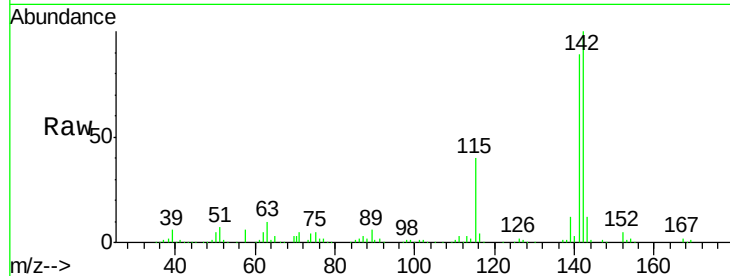
#37
2-Methylnaphthalene
Concen: 48.87 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	40.1	26.6	39.8#

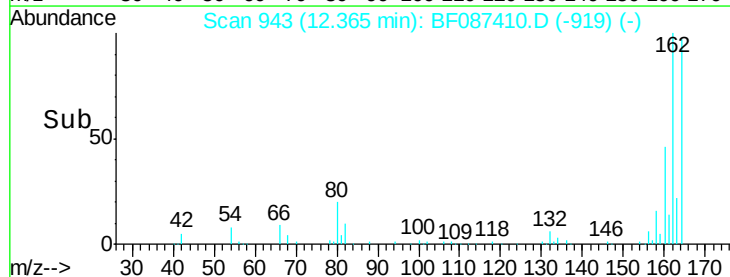
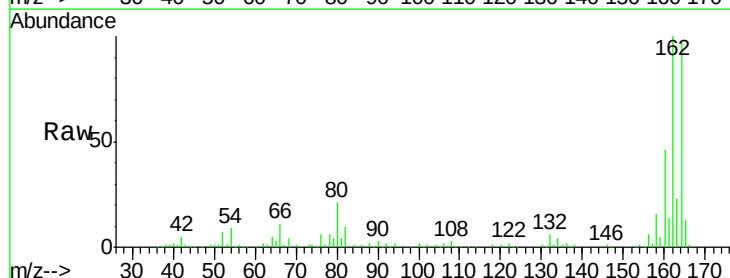
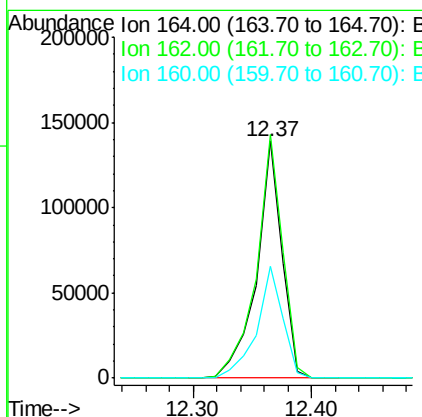
Manual Integrations
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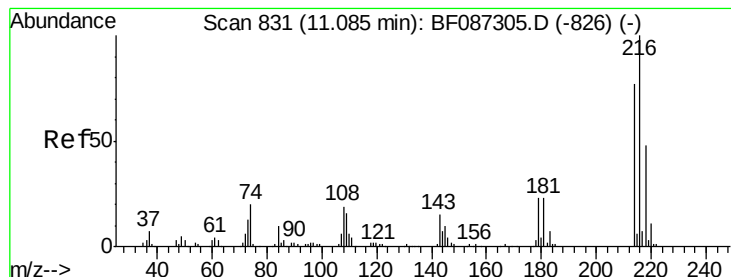
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.8	124.2
160	47.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.72 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

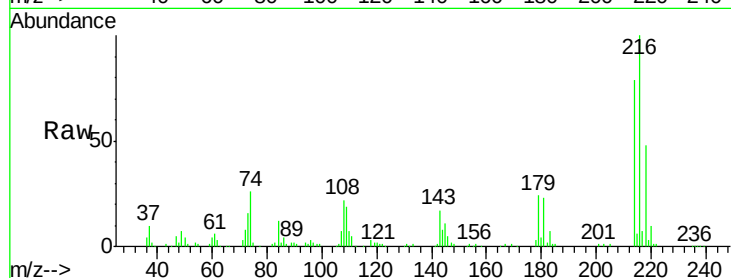
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		296275		
214	79.4		62.6	93.8	
179	24.1		18.2	27.4	
108	24.6		17.5	26.3	

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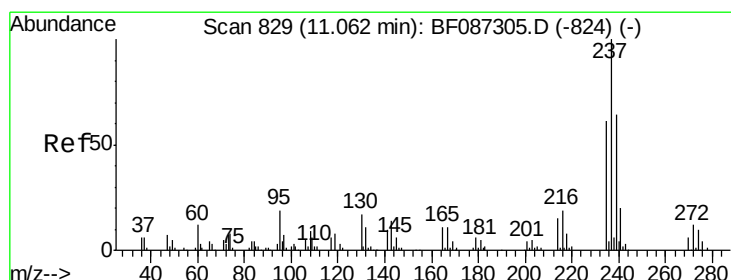
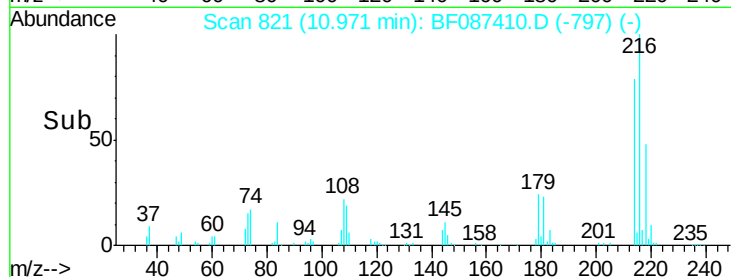
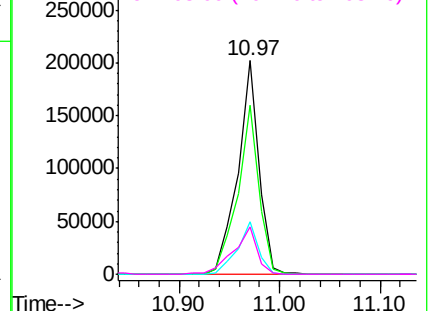
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.24 ng

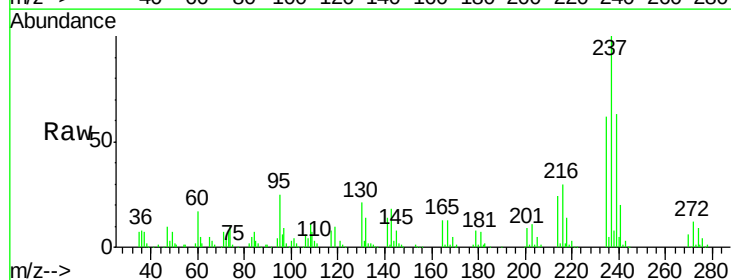
RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		206479		
235	61.6		47.2	87.2	
272	11.5		0.0	31.1	

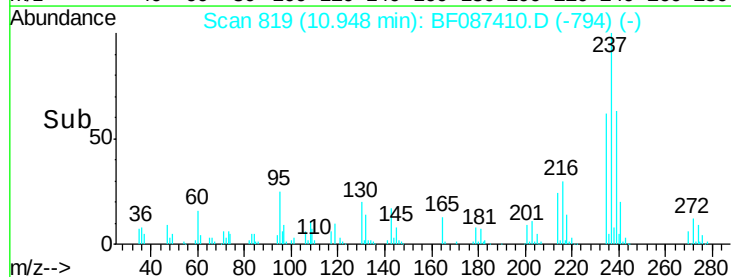
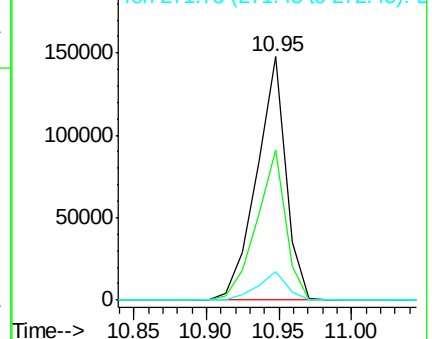


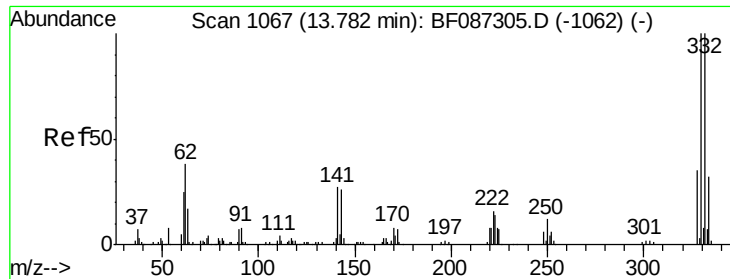
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





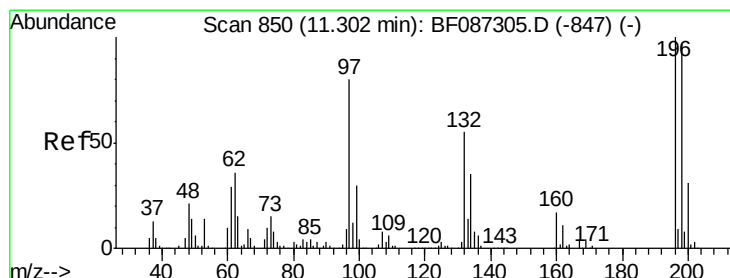
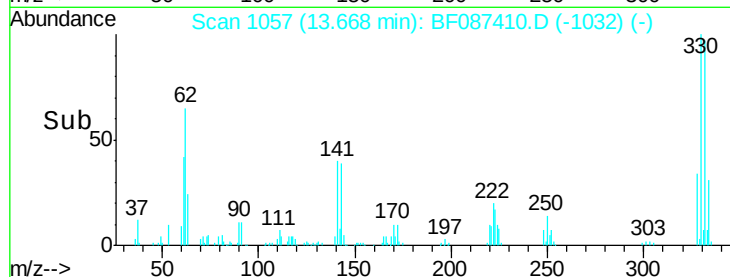
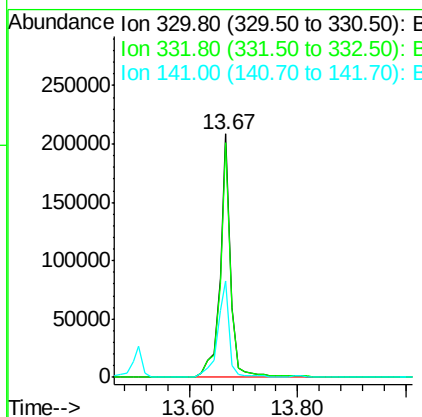
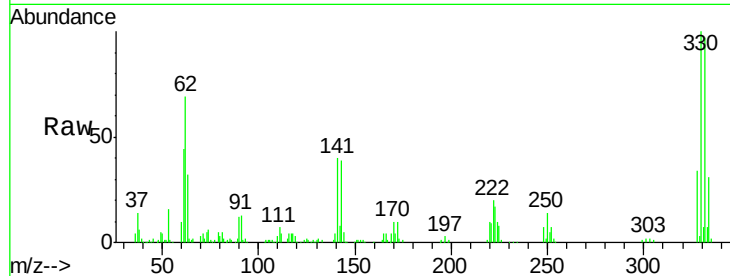
#41
 2,4,6-Tribromophenol
 Concen: 146.22 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion:	330	Resp:	290793
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.0	118.4
141	44.4	31.2	46.8

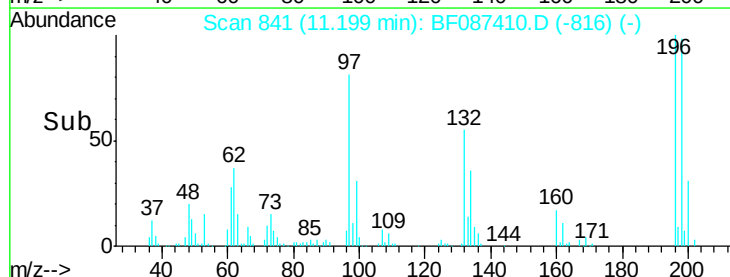
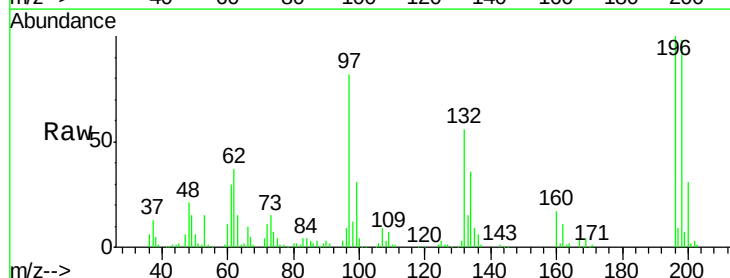
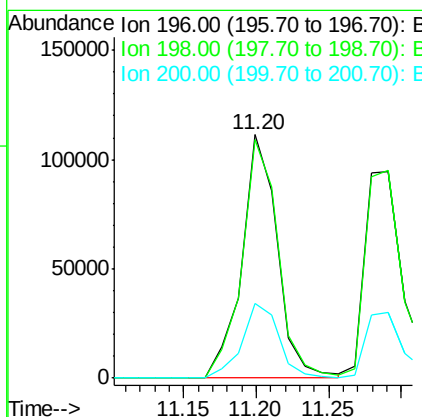
Manual Integrations
 APPROVED

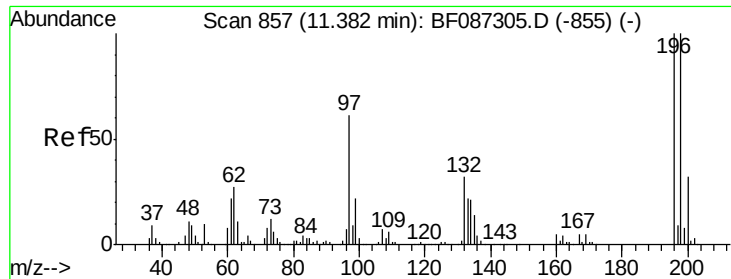
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#42
 2,4,6-Trichlorophenol
 Concen: 49.42 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion:	196	Resp:	188964
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.7	112.1
200	30.6	23.8	35.6





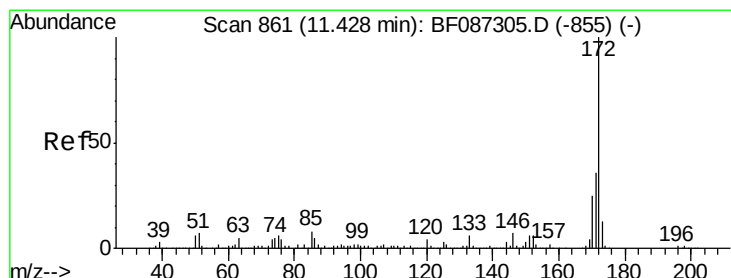
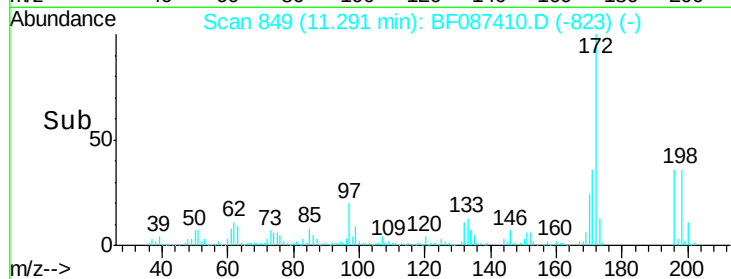
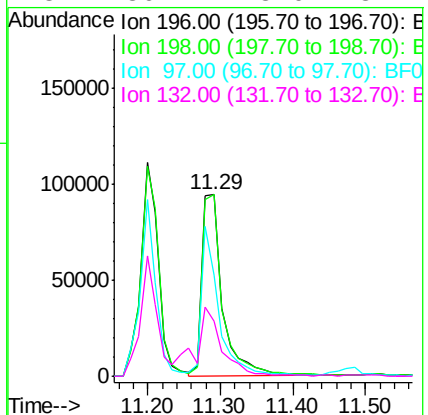
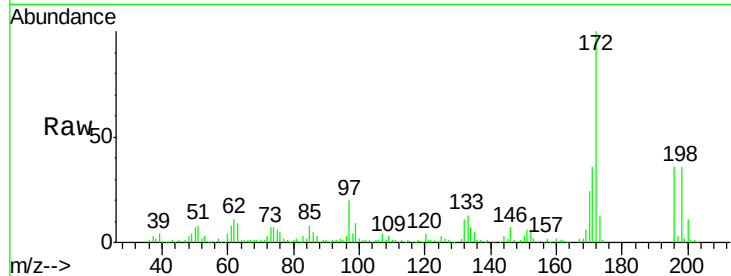
#43
 2,4,5-Trichlorophenol
 Concen: 47.86 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186348		
198	100.2	77.5	116.3	
97	55.5	34.8	52.2	
132	30.1	23.0	34.4	

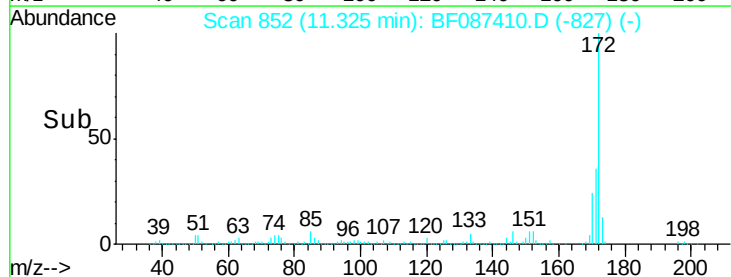
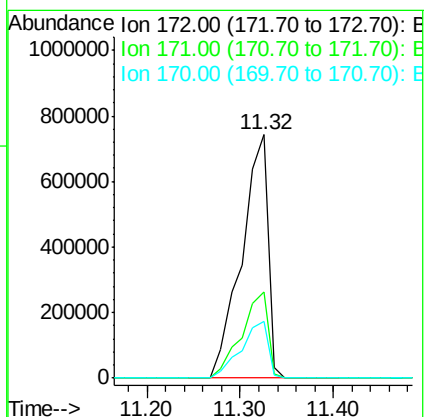
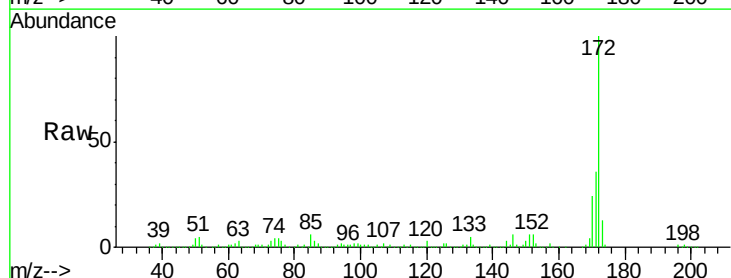
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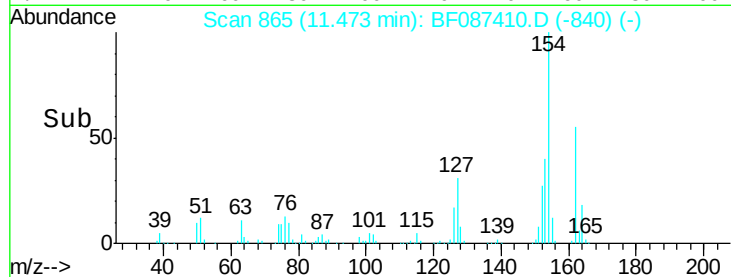
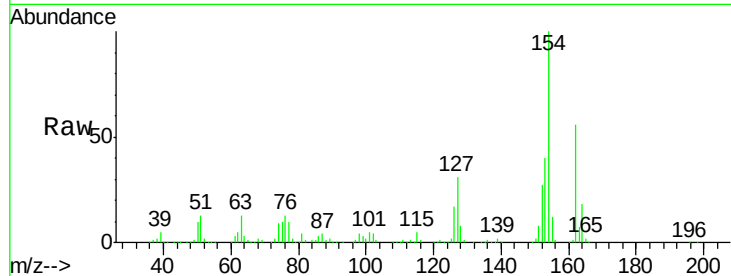
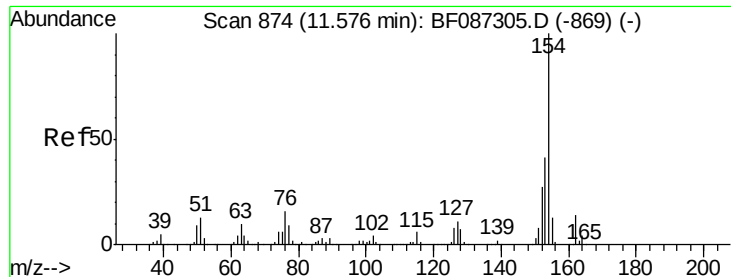
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#44
 2-Fluorobiphenyl
 Concen: 98.65 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1448143		
171	35.6	29.0	43.6	
170	23.5	19.8	29.8	





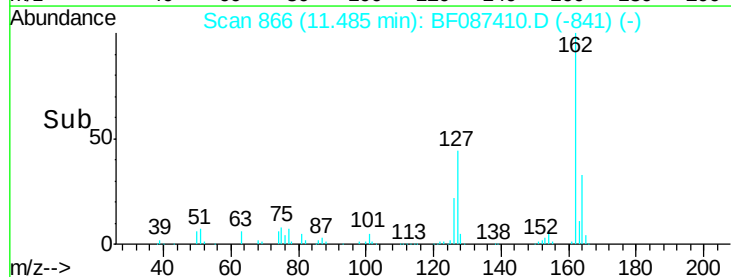
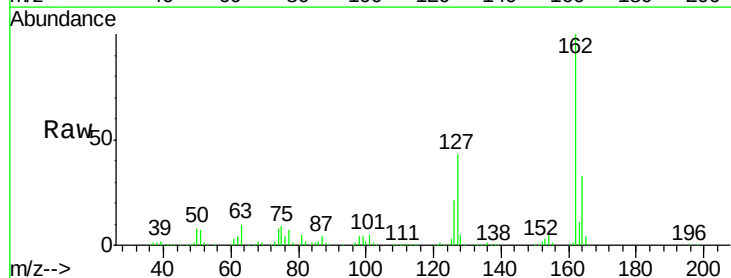
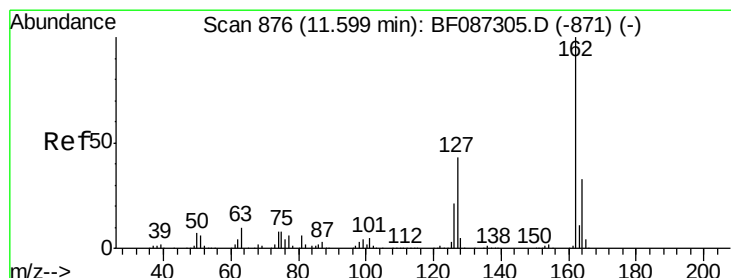
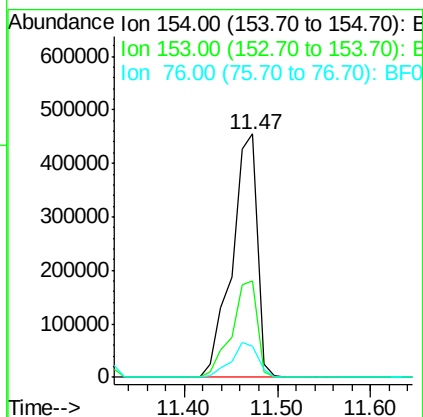
#45
 1,1'-Biphenyl
 Concen: 49.32 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tot Ion:	154	Resp:	859401
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.3	60.3
76	12.6	0.0	30.2

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

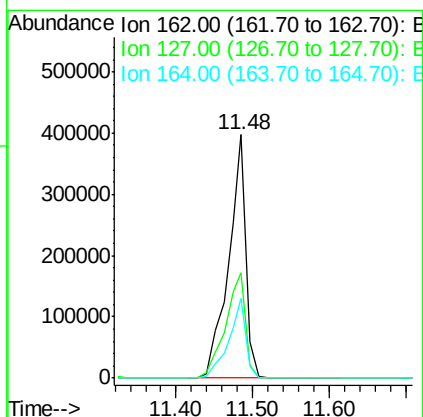
Manual Integrations
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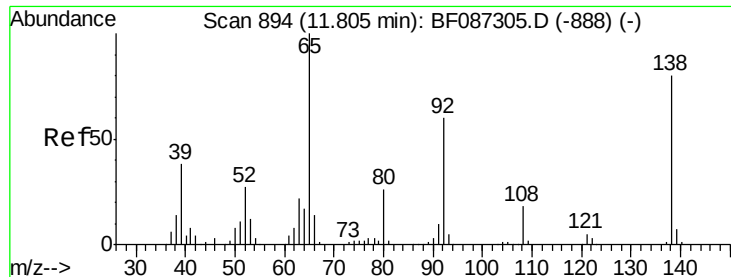
sohil
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#46
 2-Chloronaphthalene
 Concen: 47.69 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion:	162	Resp:	635769
Ion Ratio	Lower	Upper	
162	100		
127	43.4	31.8	47.6
164	32.9	27.0	40.6





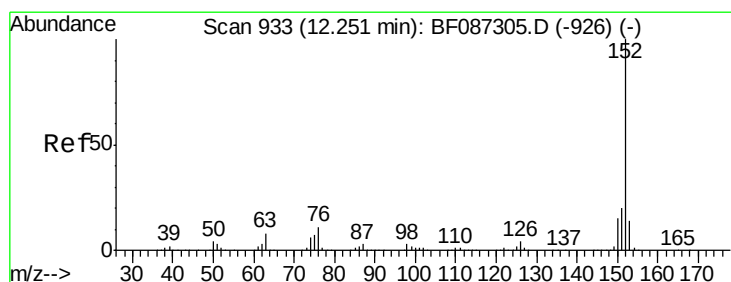
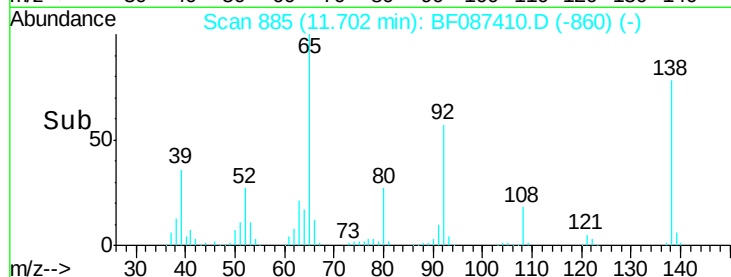
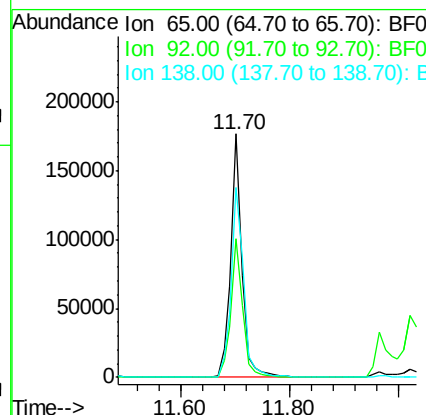
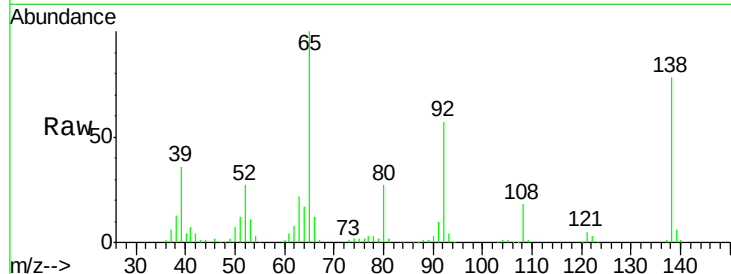
#47
 2-Nitroaniline
 Concen: 53.43 ng
 RT: 11.70 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.0	57.4	86.2#
138	78.0	90.1	135.1#

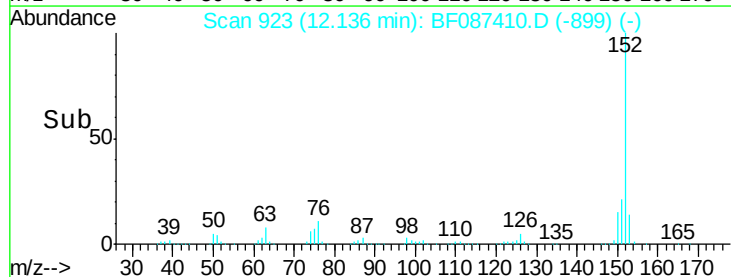
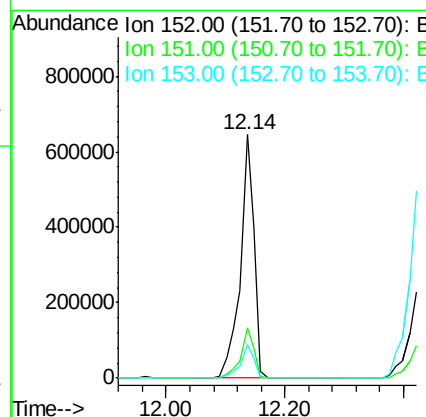
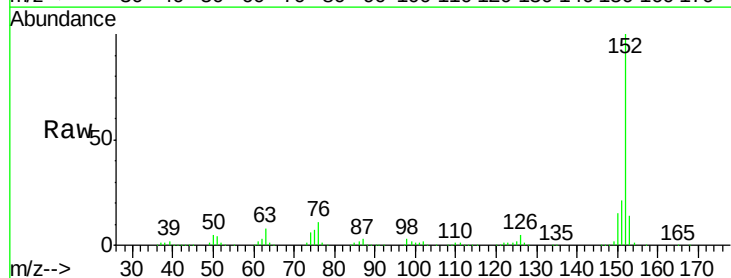
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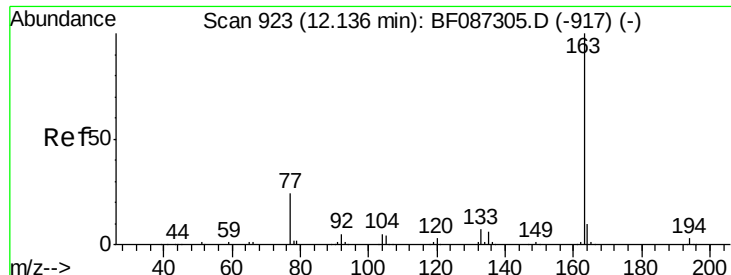
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#48
 Acenaphthylene
 Concen: 48.64 ng
 RT: 12.14 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.0	10.9	16.3





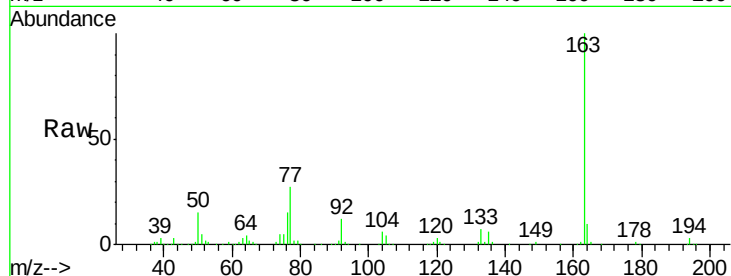
#49
Dimethylphthalate
Concen: 48.44 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

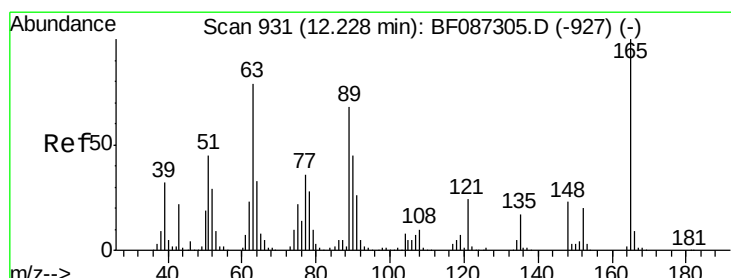
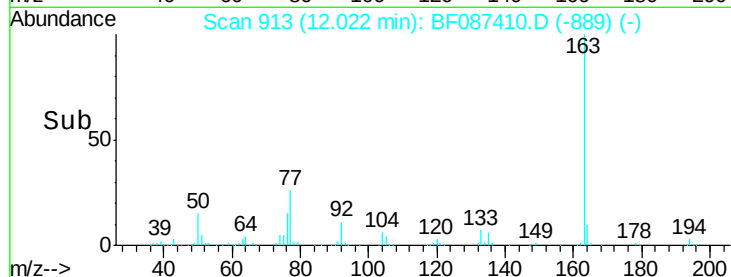
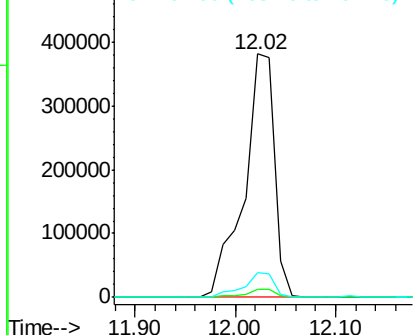
Tot Ion	Ratio	Resp	Lower	Upper
163	100	803111		
194	3.2	2.6	4.0	
164	10.3	8.2	12.4	

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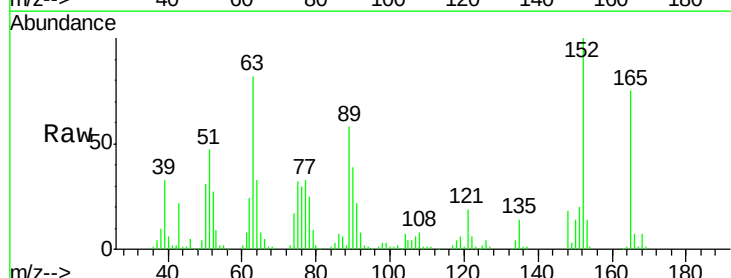


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

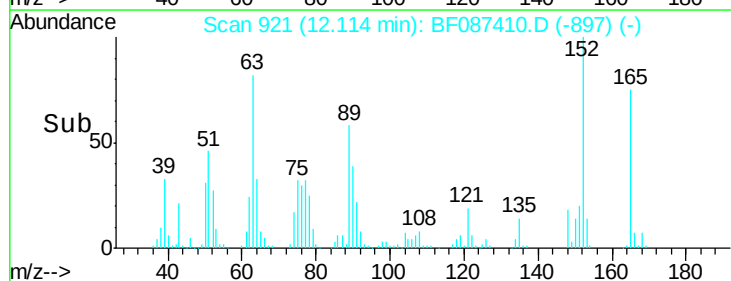
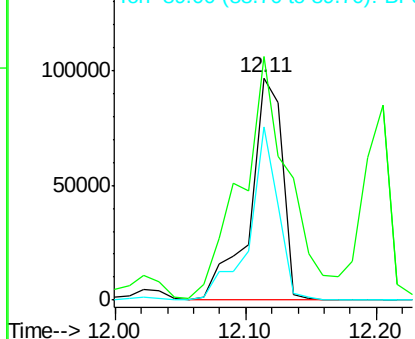


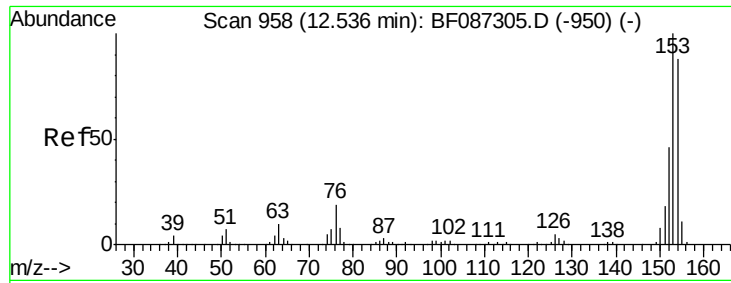
#50
2,6-Dinitrotoluene
Concen: 50.66 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169230		
63	109.5	51.8	77.8#	
89	78.2	50.7	76.1#	



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: 48.33 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087410.D

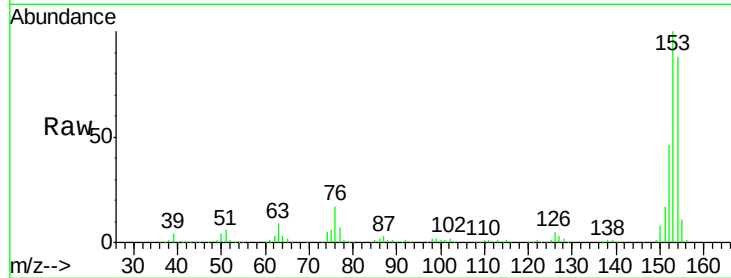
Acq: 26 May 2016 16:02

Instrument :

BNA_F

ClientSampleId :

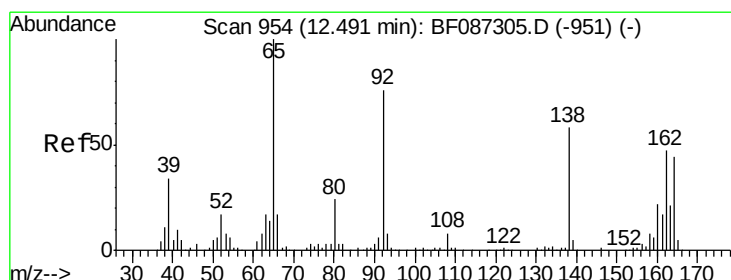
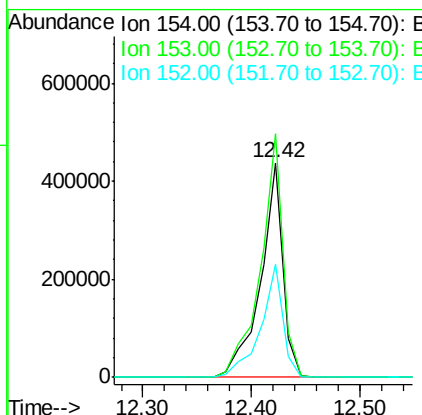
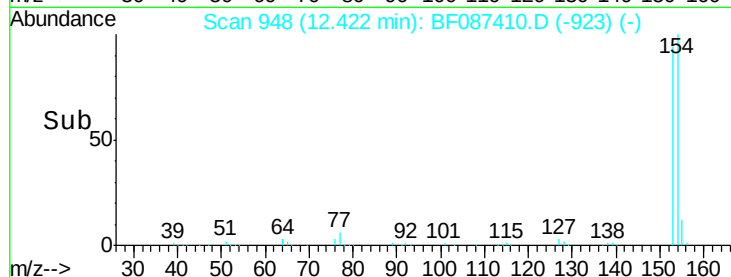
CHS-STA-1711(0-4)MS



Tot Ion	154	Resp	626939
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.8	134.6
152	52.4	43.4	65.0

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#52

3-Nitroaniline

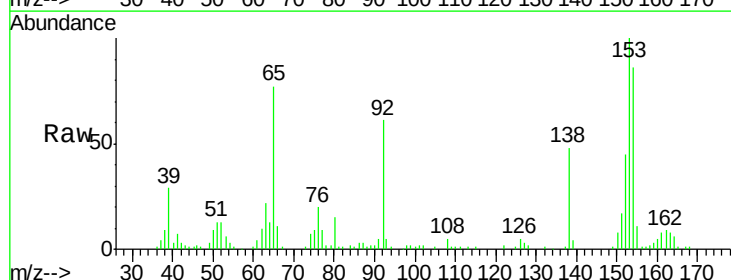
Concen: 18.40 ng

RT: 12.39 min Scan# 945

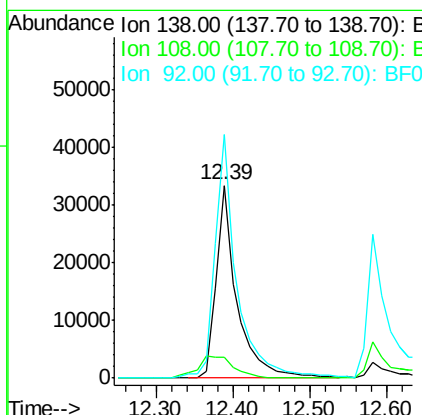
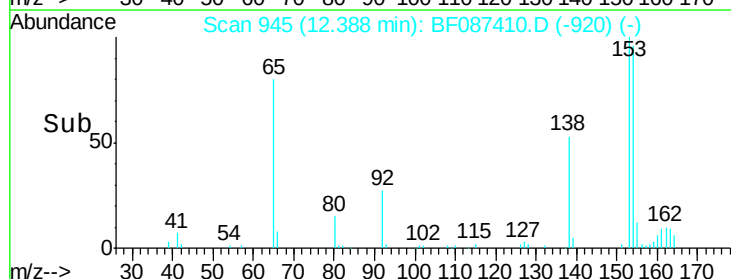
Delta R.T. -0.01 min

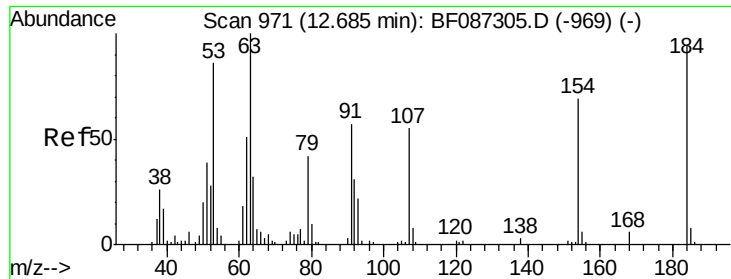
Lab File: BF087410.D

Acq: 26 May 2016 16:02



Tgt Ion	138	Resp	63072
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	126.1	87.8	131.8





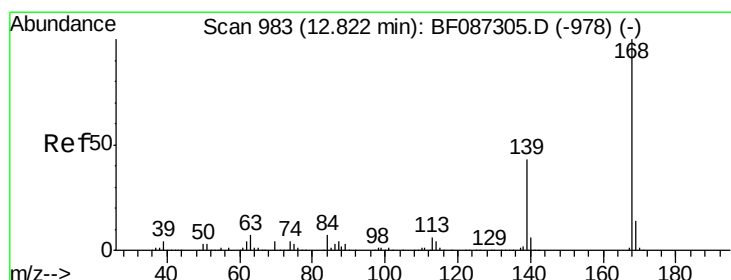
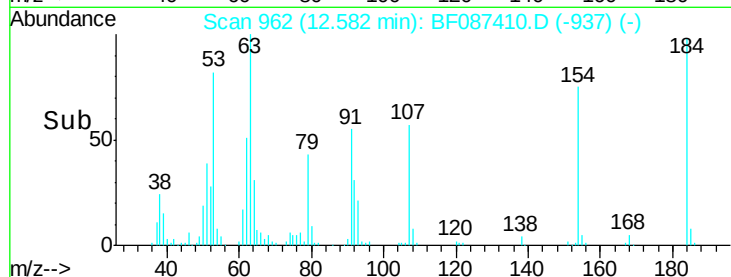
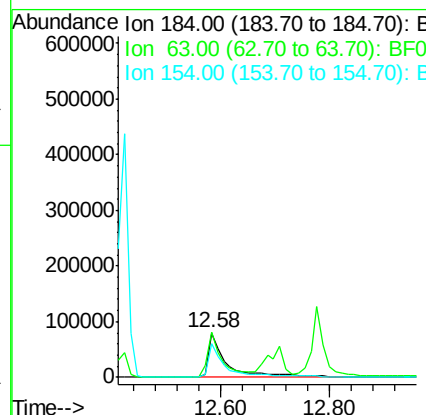
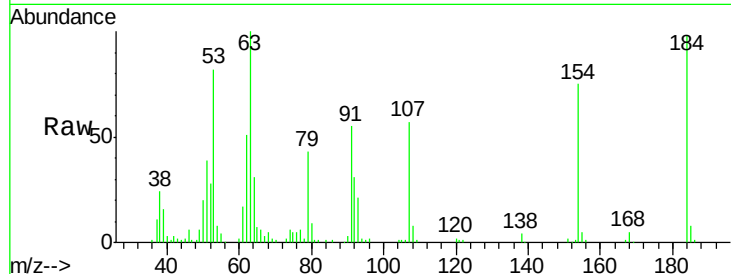
#53
2,4-Dinitrophenol
Concen: 107.80 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	188539		
63	101.5	55.8	83.8#	
154	76.0	62.4	93.6	

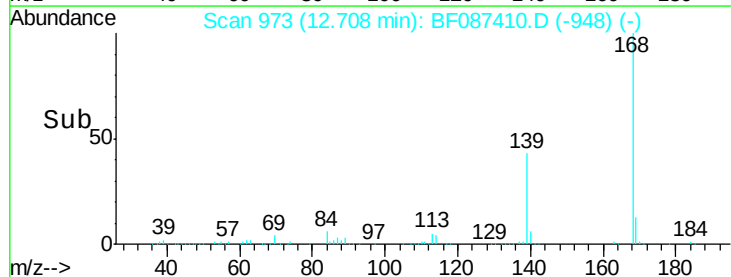
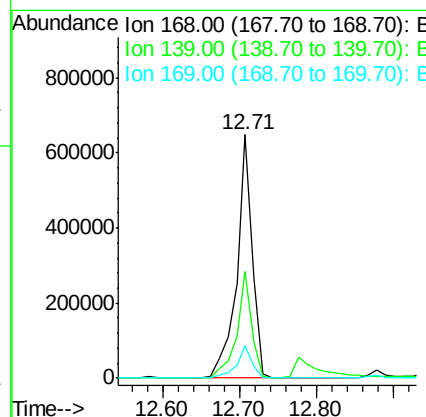
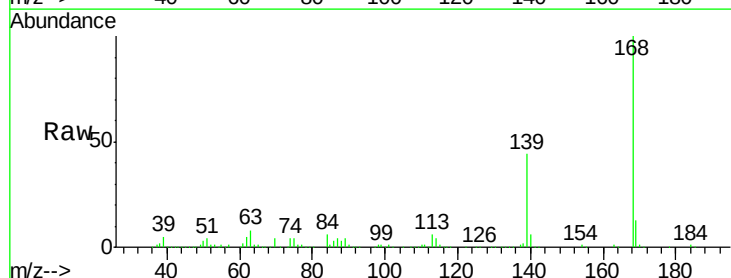
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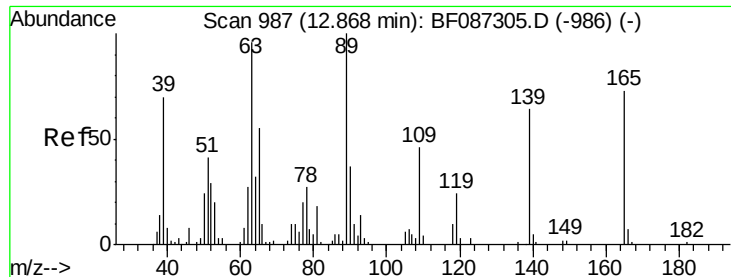
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#54
Dibenzofuran
Concen: 52.69 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	925414		
139	43.9	31.4	47.0	
169	13.4	10.7	16.1	





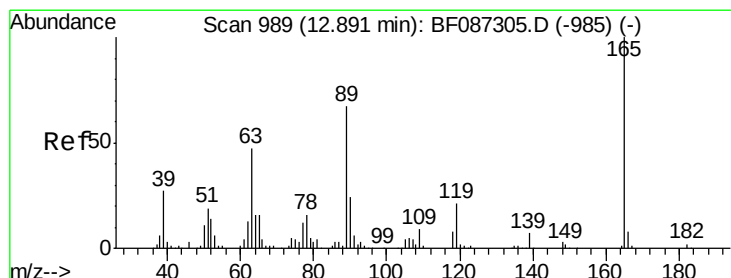
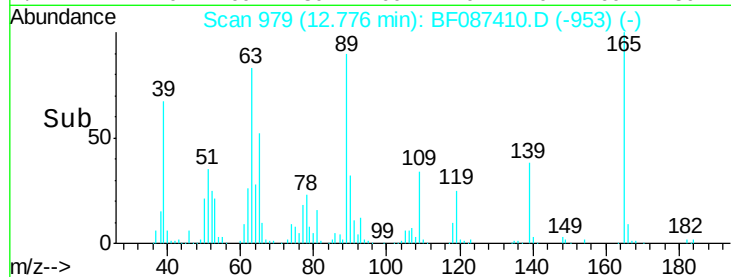
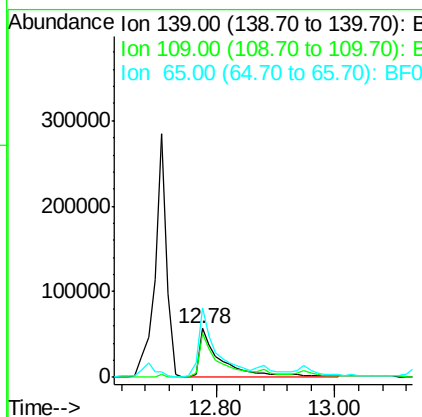
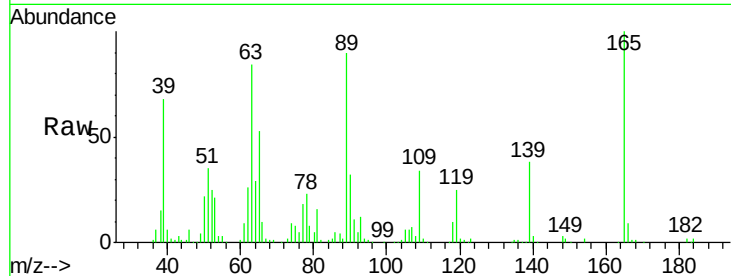
#55
4-Nitrophenol
Concen: 89.04 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	91.0	36.9	76.9#	
65	141.0	64.0	104.0#	

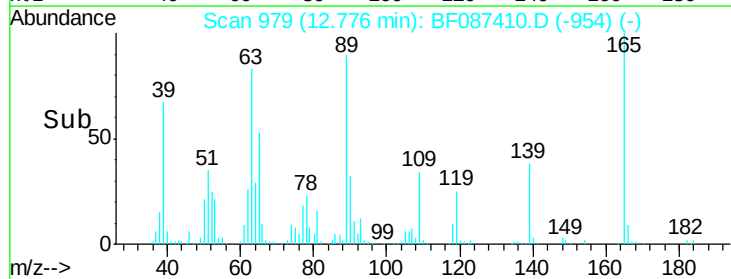
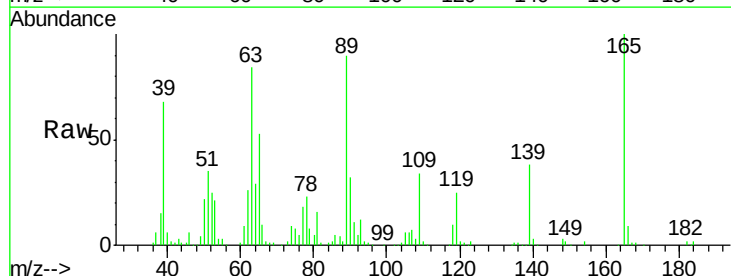
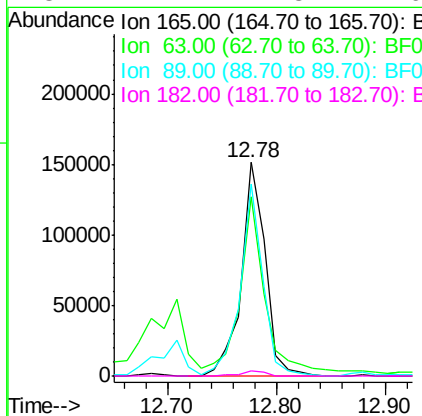
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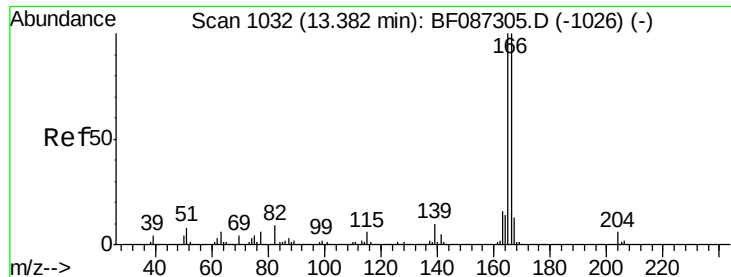
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#56
2,4-Dinitrotoluene
Concen: 51.80 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	83.7	44.3	66.5#	
89	89.8	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 49.80 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

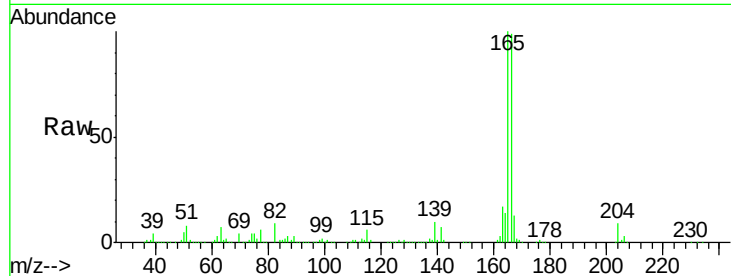
ClientSampleId :

CHS-STA-1711(0-4)MS

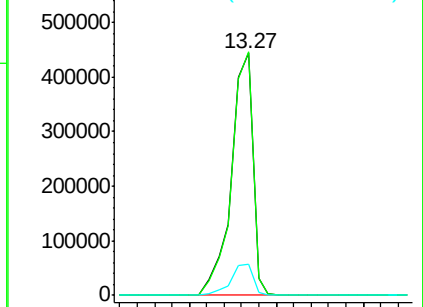
Tot Ion:	166	Resp:	758472
Ion Ratio	Lower	Upper	
166	100		
165	100.5	79.0	118.6
167	12.9	10.6	15.8

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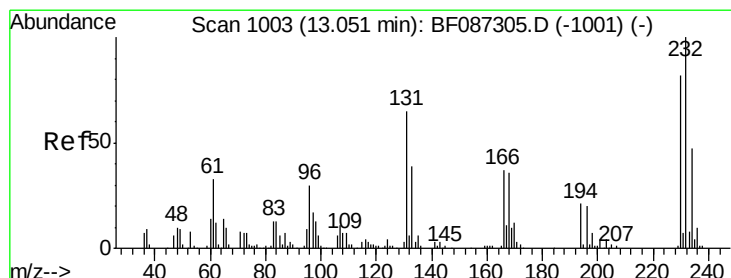
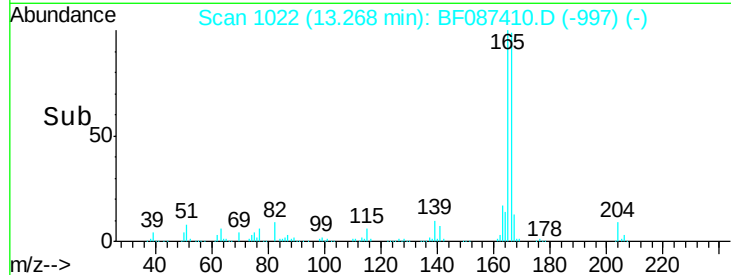
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.67 ng

RT: 12.95 min Scan# 994

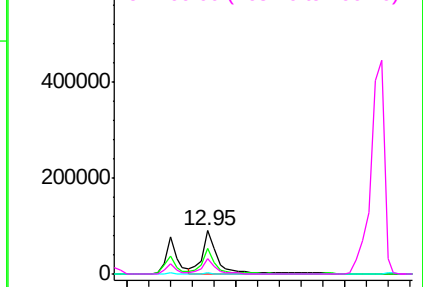
Delta R.T. -0.01 min

Lab File: BF087410.D

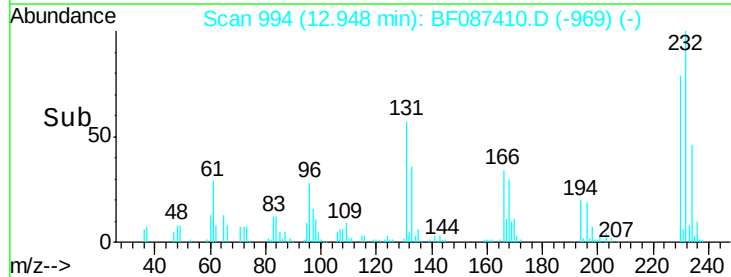
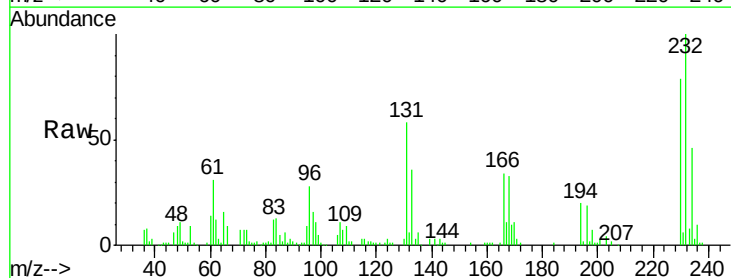
Acq: 26 May 2016 16:02

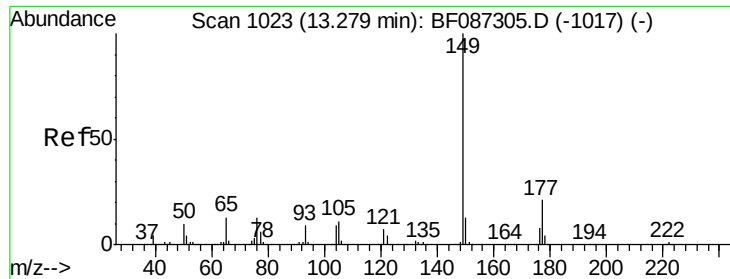
Tgt Ion:	232	Resp:	166754
Ion Ratio	Lower	Upper	
232	100		
131	55.4	41.9	62.9
130	3.0	2.2	3.4
166	32.3	26.8	40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



Time-->





#59

Diethylphthalate

Concen: 48.53 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

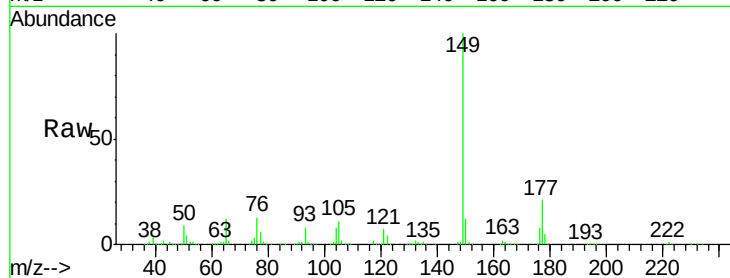
ClientSampleId :

CHS-STA-1711(0-4)MS

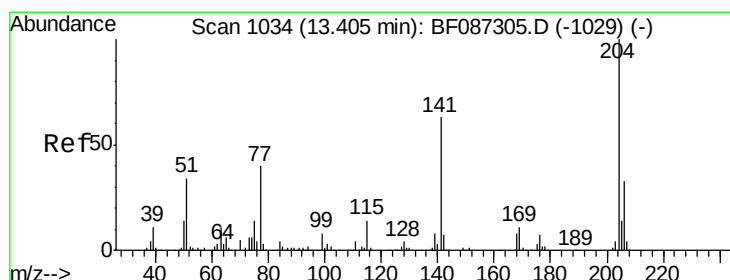
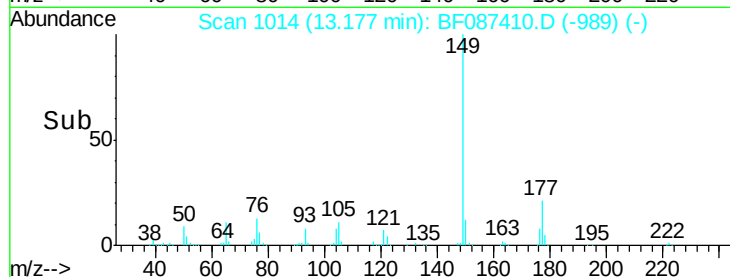
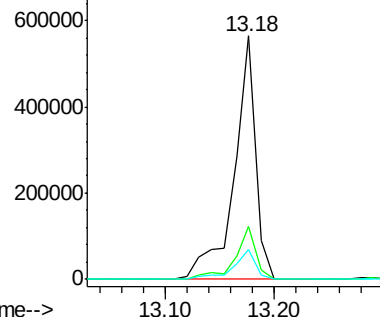
Tot Ion:	149	Resp:	782152
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.6	24.8
150	12.4	10.0	15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.41 ng

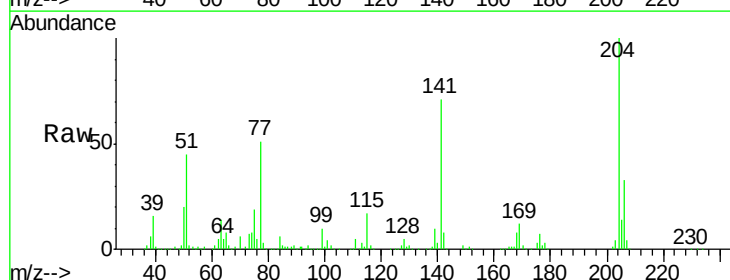
RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

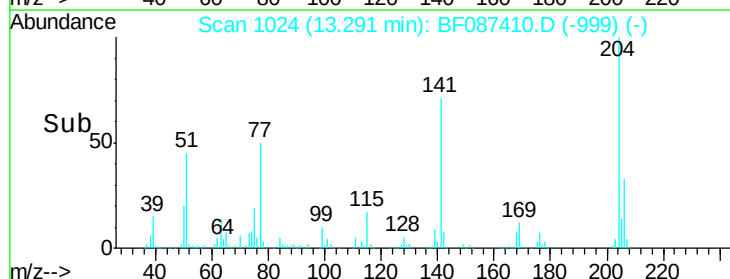
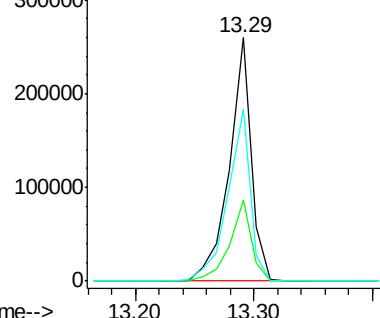
Lab File: BF087410.D

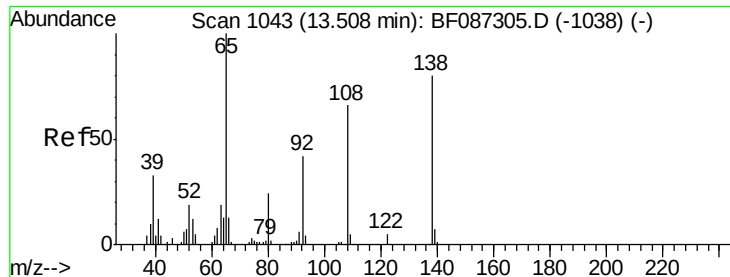
Acq: 26 May 2016 16:02

Tgt Ion:	204	Resp:	337215
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.4	38.0
141	70.6	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





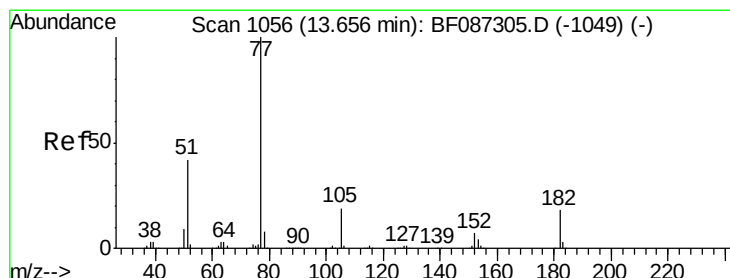
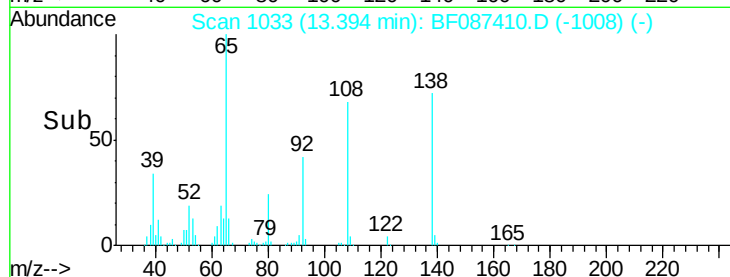
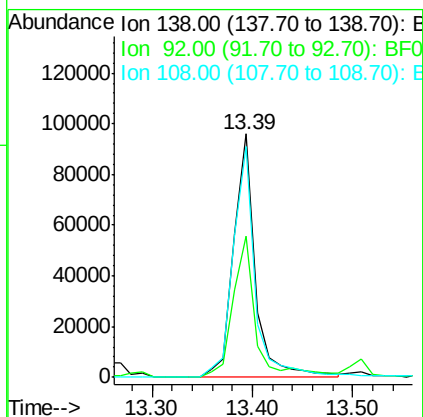
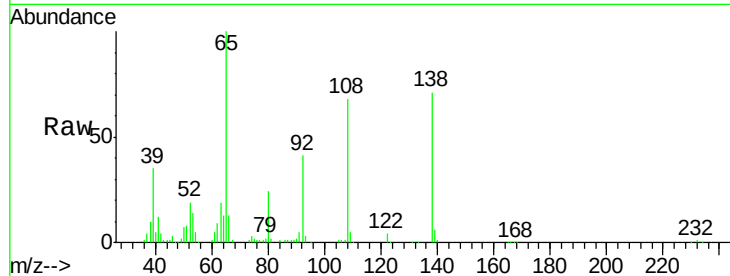
#61
4-Nitroaniline
Concen: 45.32 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.8	24.7	64.7
108	94.5	37.4	77.4

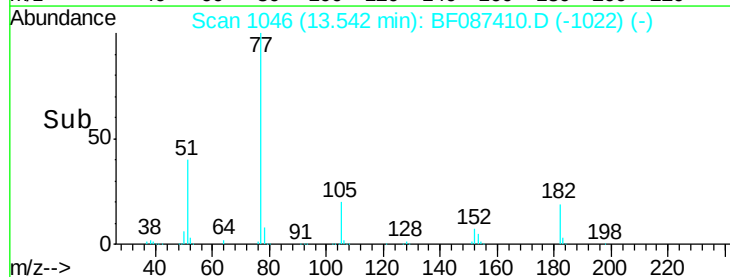
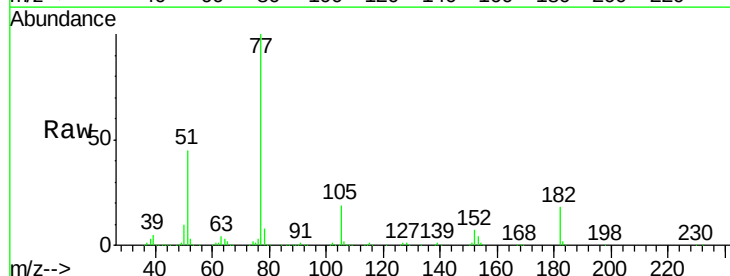
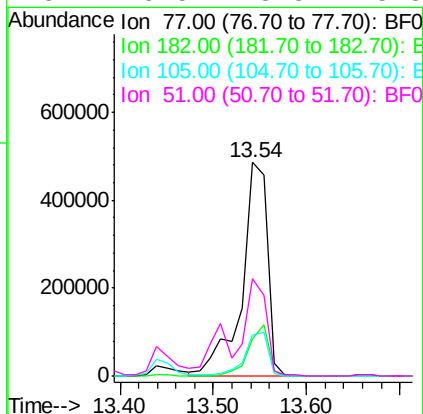
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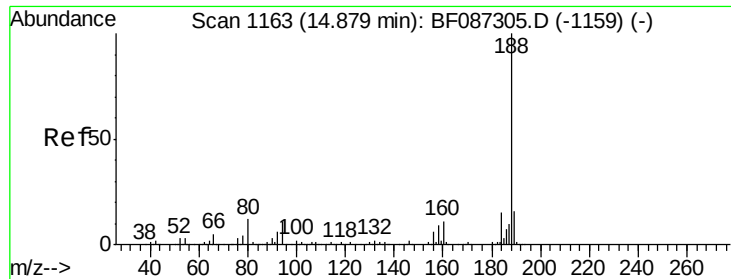
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#62
Azobenzene
Concen: 55.15 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.7	0.0	38.8
105	19.2	3.2	43.2
51	45.5	8.8	48.8





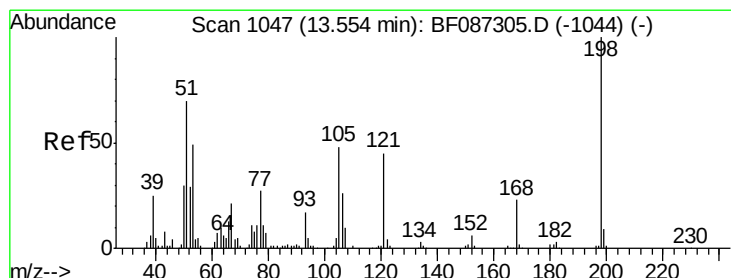
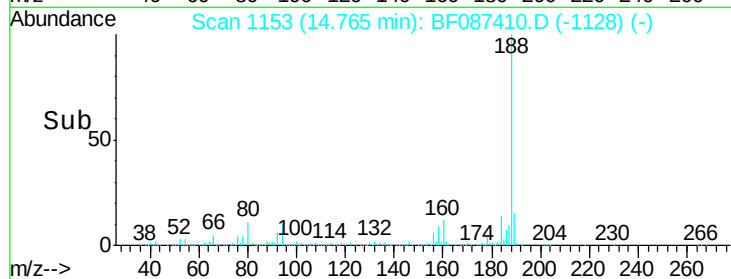
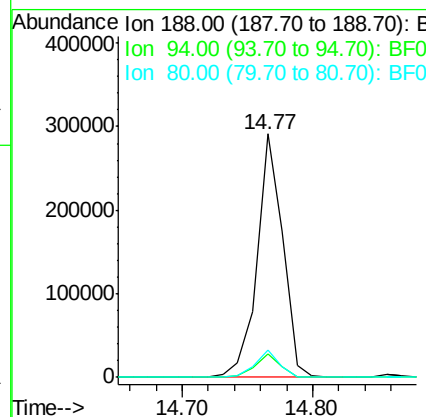
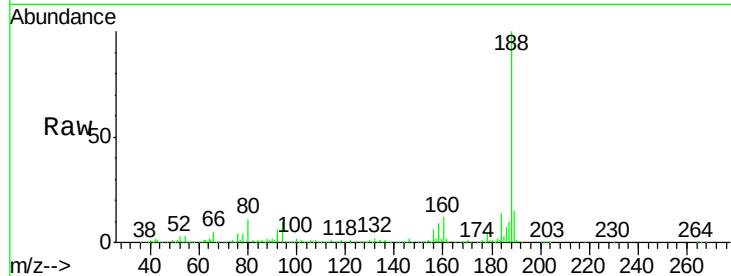
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	401430		
94	9.7	6.8	10.2	
80	11.1	7.1	10.7	

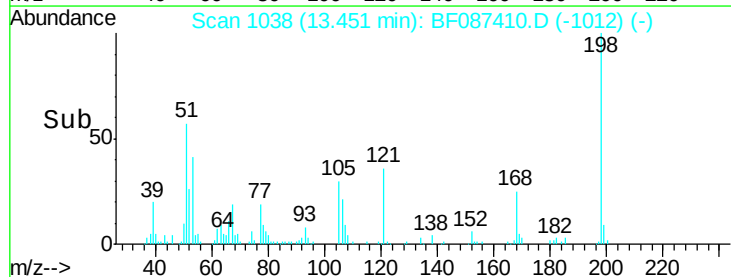
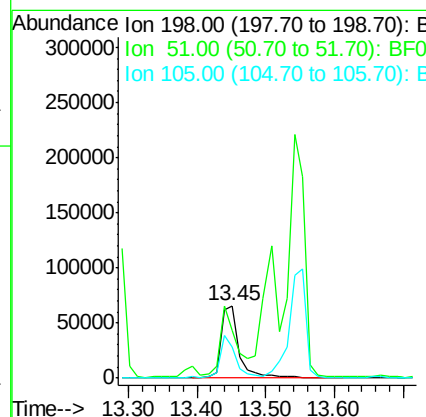
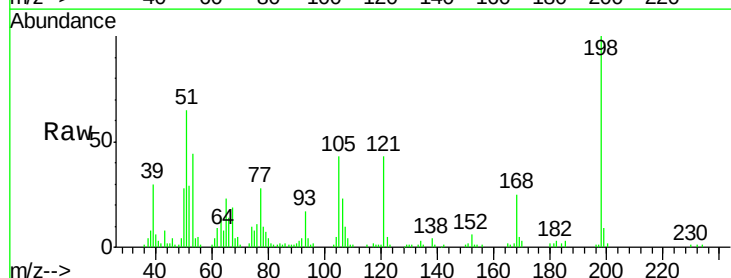
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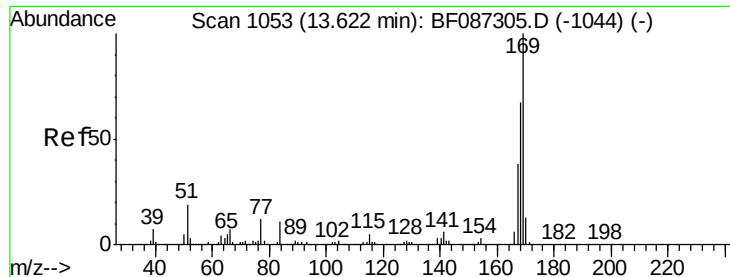
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.22 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	123081		
51	65.0	20.5	60.5	
105	43.5	24.5	64.5	





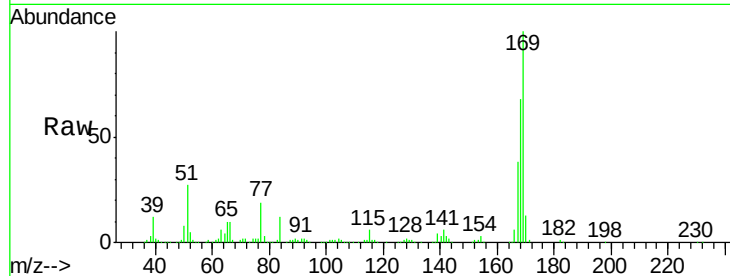
#65
n-Nitrosodiphenylamine
Concen: 47.27 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

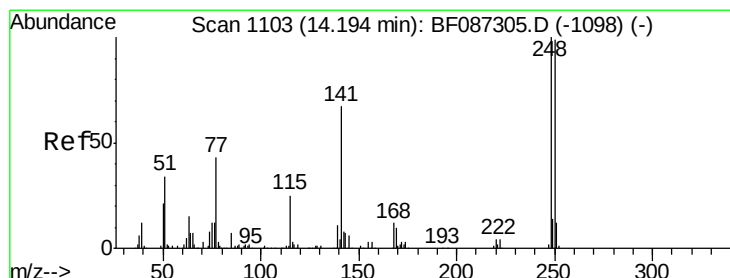
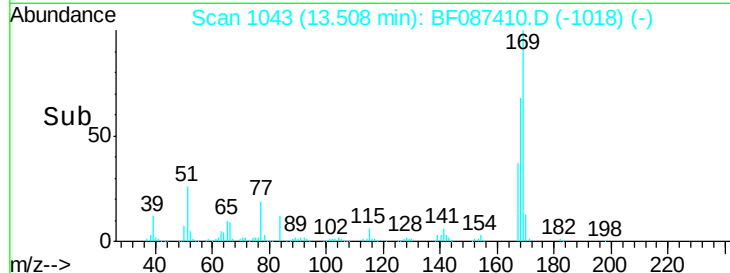
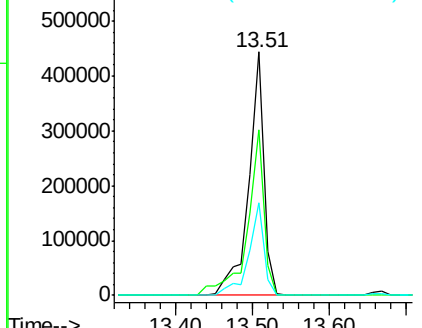
Tot Ion	Ratio	Resp	Lower	Upper
169	100	613687		
168	68.1	53.8	80.6	
167	37.9	29.5	44.3	

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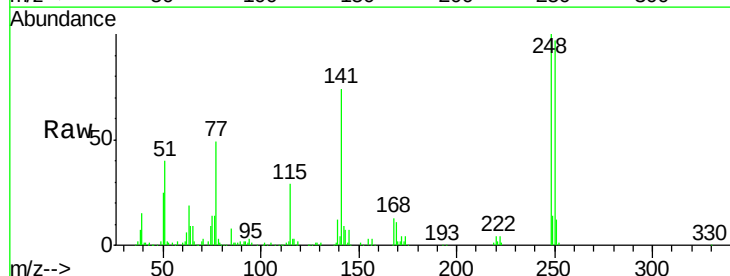


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

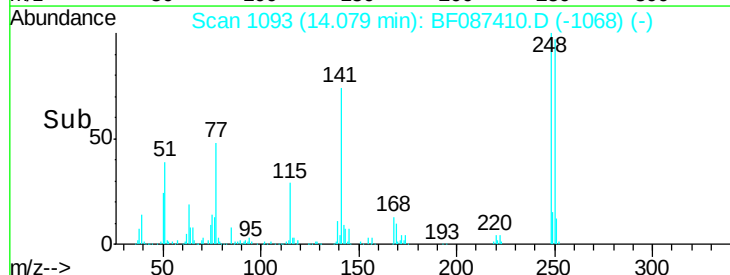
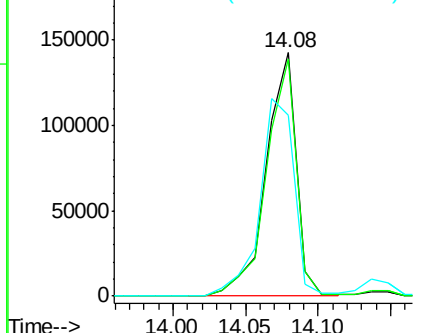


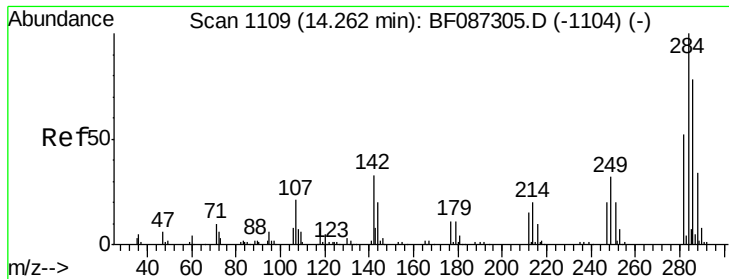
#66
4-Bromophenyl-phenylether
Concen: 46.85 ng
RT: 14.08 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	205766		
250	97.4	78.6	117.8	
141	74.3	76.0	114.0	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.63 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

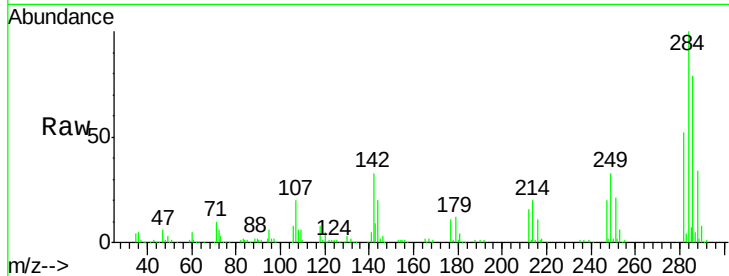
ClientSampleId :

CHS-STA-1711(0-4)MS

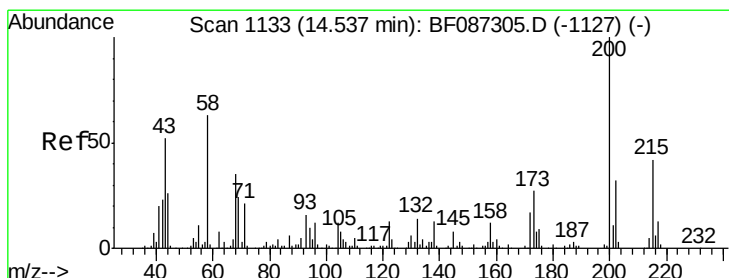
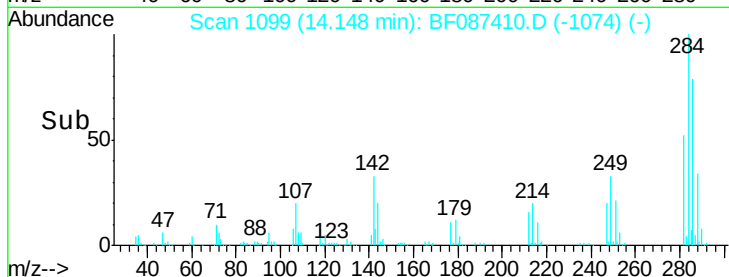
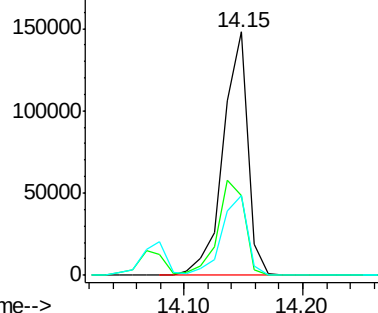
Tot Ion:	284	Resp:	214173
Ion Ratio	Lower	Upper	
284	100		
142	33.0	16.7	25.1#
249	32.7	21.3	31.9#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.83 ng

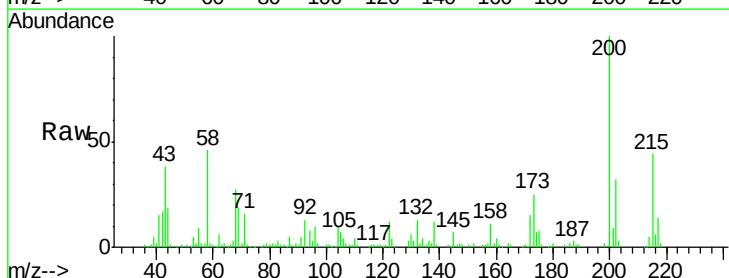
RT: 14.43 min Scan# 1124

Delta R.T. 0.00 min

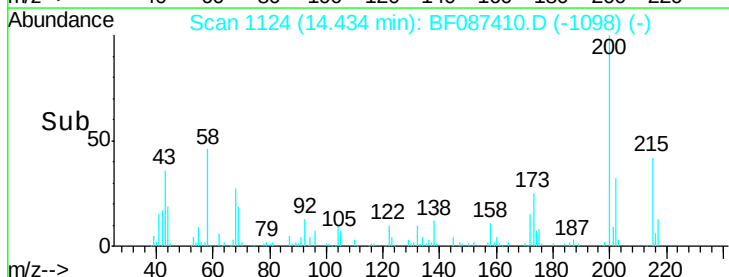
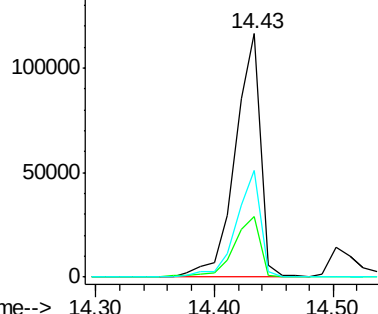
Lab File: BF087410.D

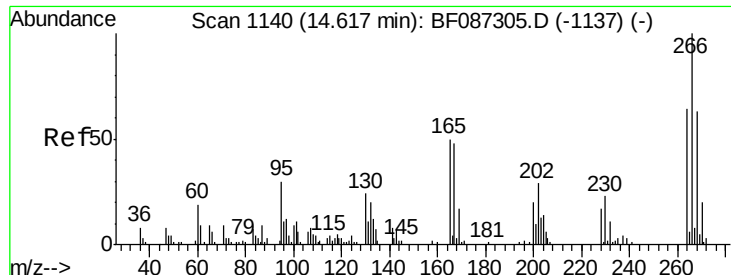
Acq: 26 May 2016 16:02

Tgt Ion:	200	Resp:	173109
Ion Ratio	Lower	Upper	
200	100		
173	24.8	8.5	48.5
215	43.7	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





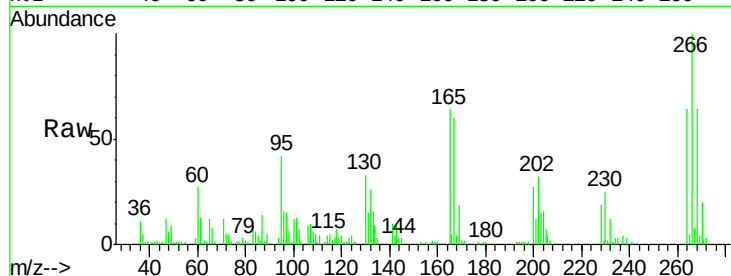
#69
 Pentachlorophenol
 Concen: 95.27 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

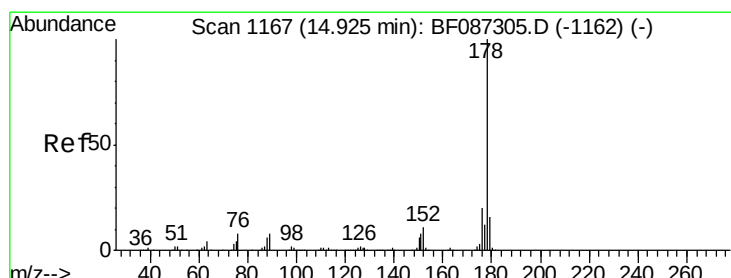
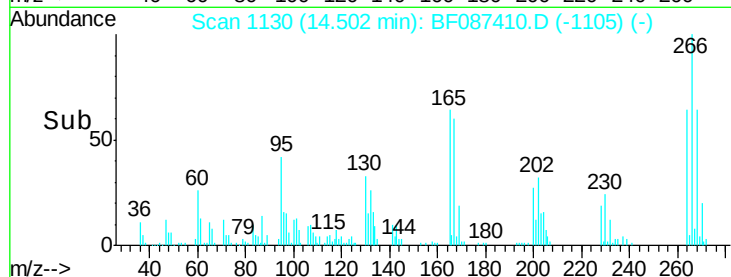
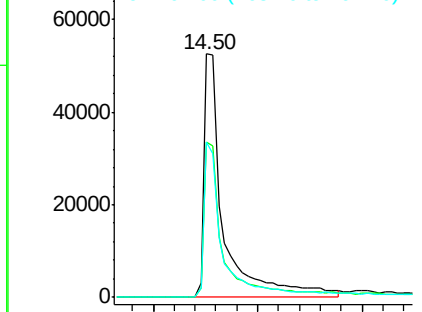
Tot Ion	Ratio	Resp	Lower	Upper
266	100	137823		
268	63.6	51.5	77.3	
264	63.7	52.9	79.3	

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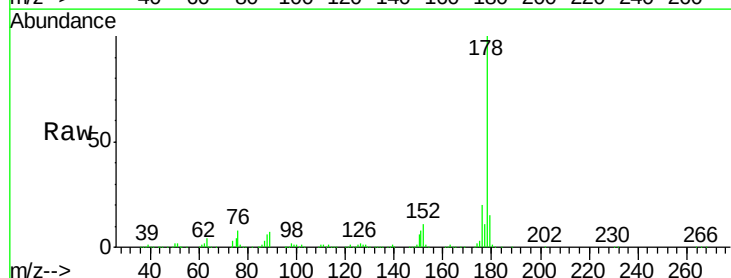


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

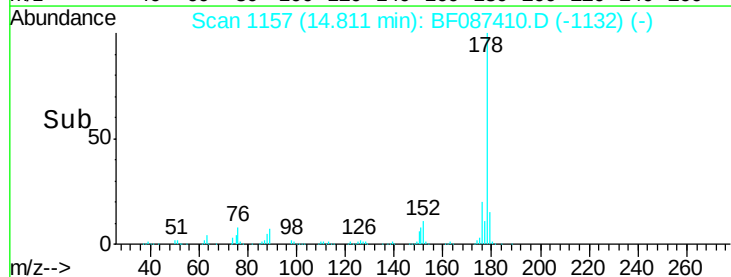
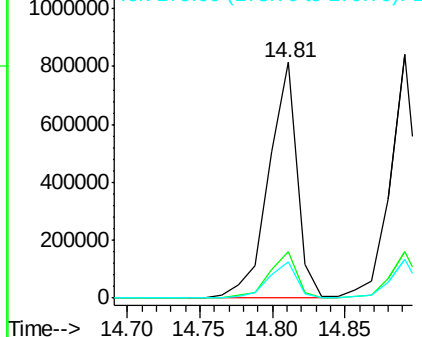


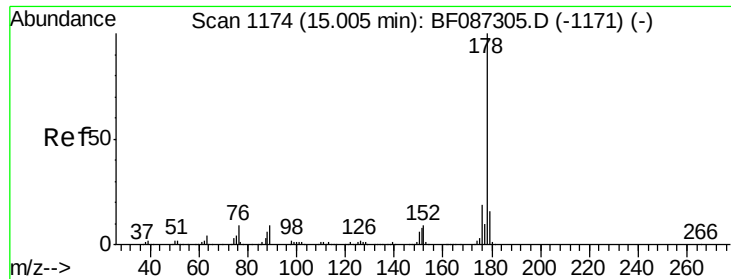
#70
 Phenanthrene
 Concen: 49.80 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1107364		
176	19.8	16.0	24.0	
179	15.4	12.6	18.8	



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





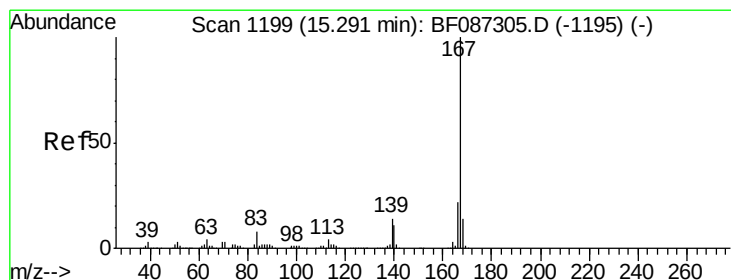
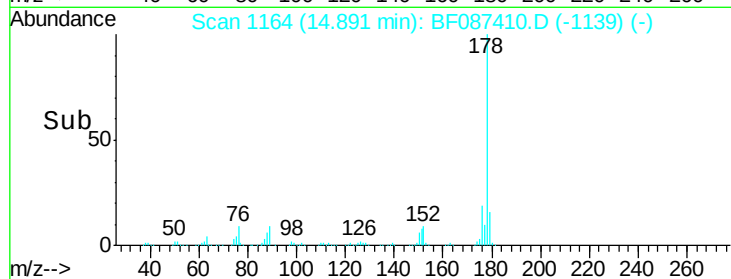
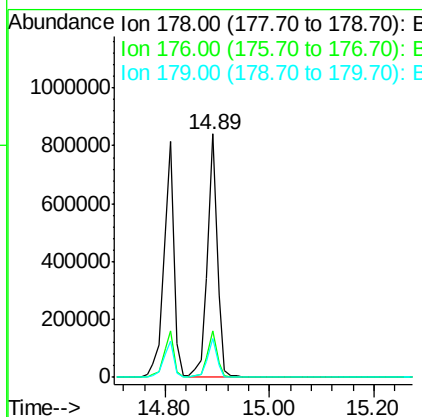
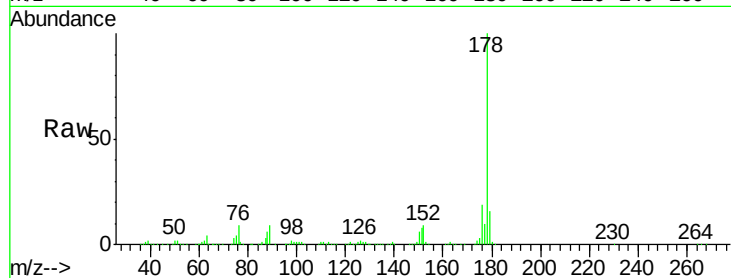
#71
 Anthracene
 Concen: 48.94 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.3	15.6	23.4	
179	15.8	12.7	19.1	

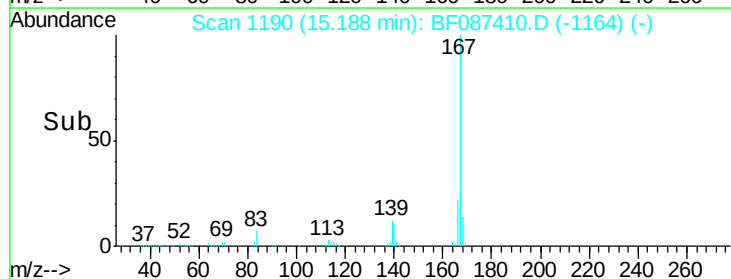
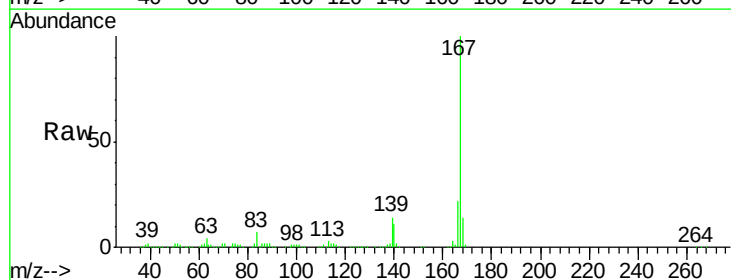
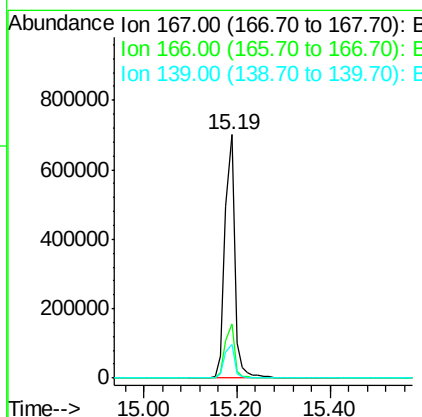
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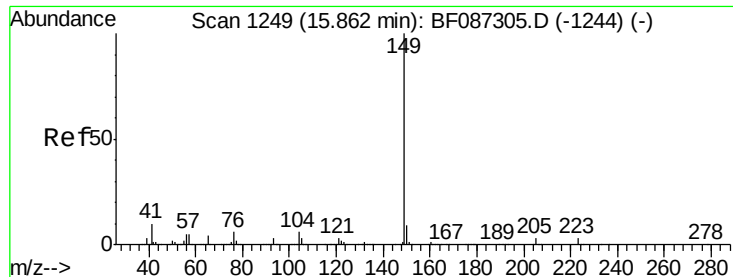
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#72
 Carbazole
 Concen: 51.73 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.7	26.5	
139	14.1	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 45.72 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

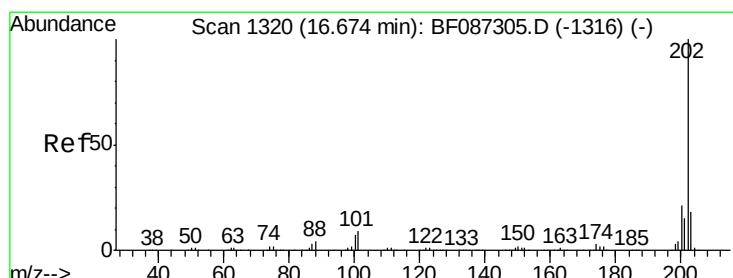
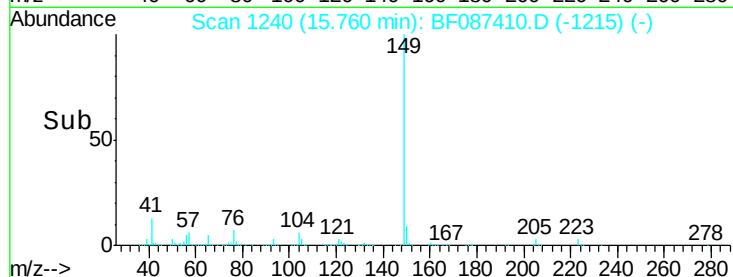
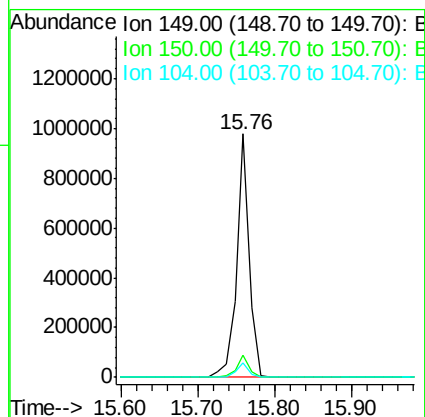
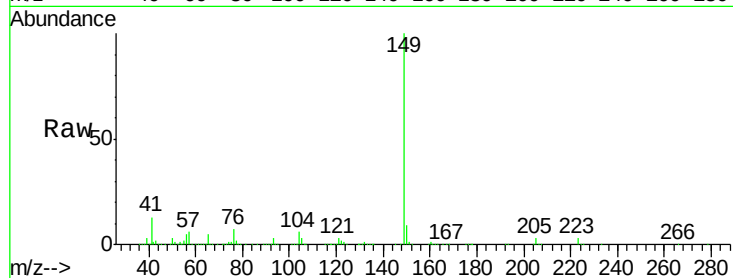
ClientSampleId :

CHS-STA-1711(0-4)MS

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Tot Ion:149	Resp: 1132784		
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	6.1	3.8	5.6#



#74

Fluoranthene

Concen: 50.90 ng

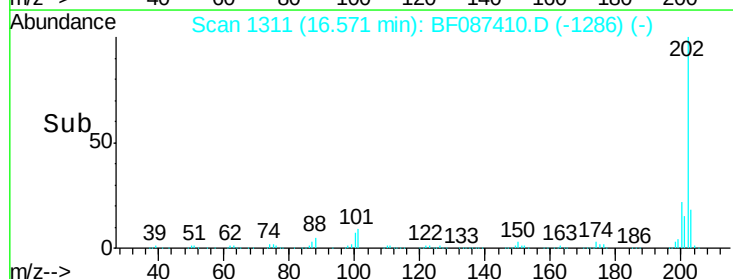
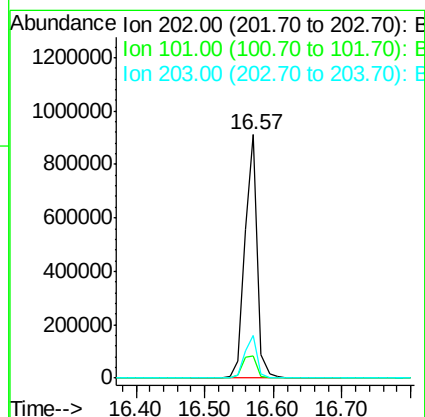
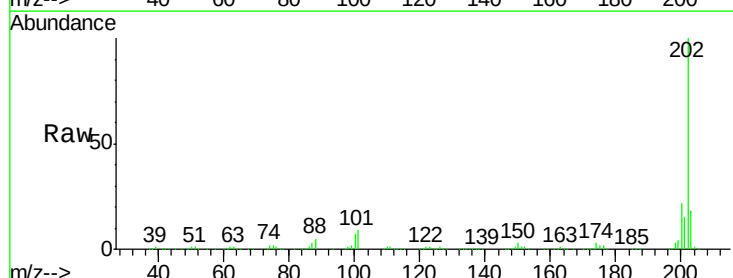
RT: 16.57 min Scan# 1311

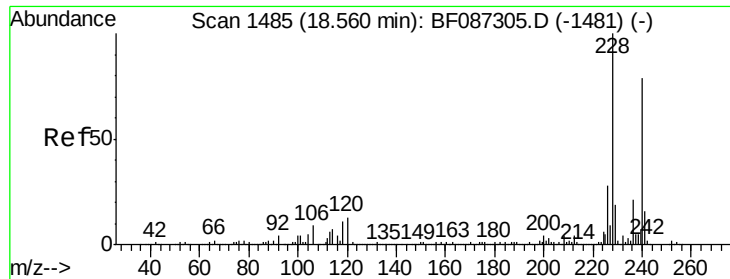
Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt	Ion:202	Resp:	1134899
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	35.4
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

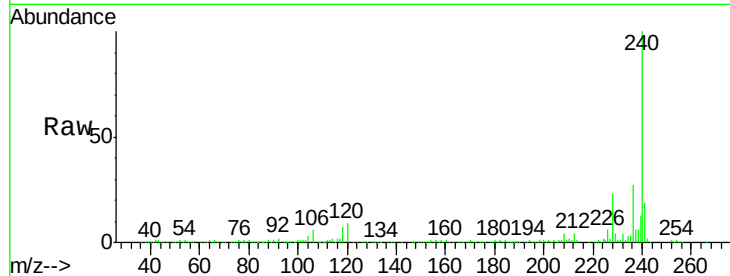
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:	240	Resp:	316114
Ion Ratio		Lower	Upper
240	100		
120	8.6	11.2	16.8#
236	26.7	21.2	31.8

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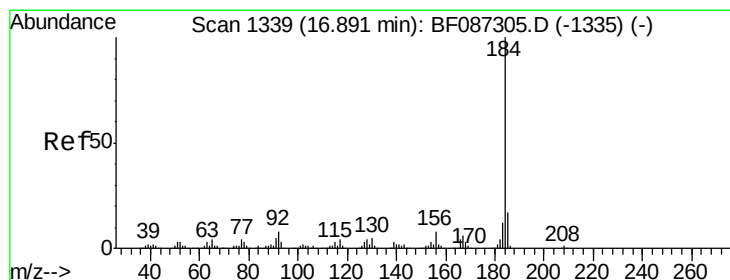
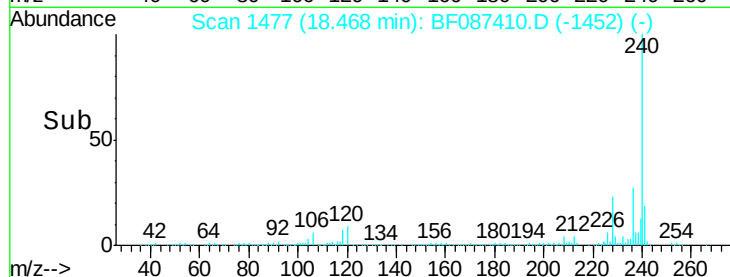
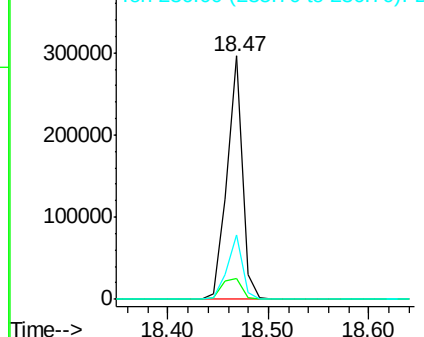
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.33 ng

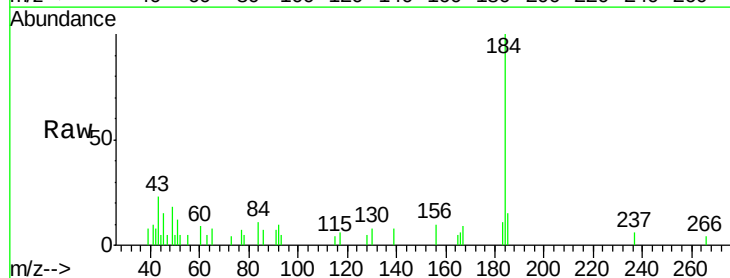
RT: 16.81 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

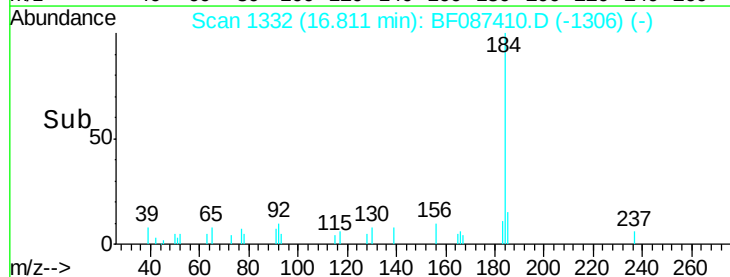
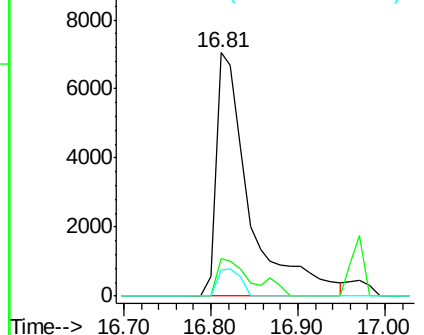
Tgt Ion:	184	Resp:	18937
Ion Ratio		Lower	Upper
184	100		
185	15.3	13.6	20.4
183	10.9	9.8	14.6

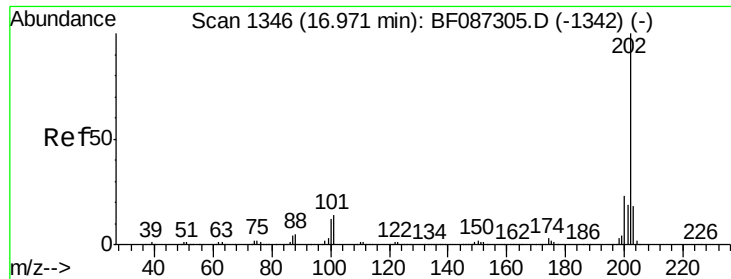


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





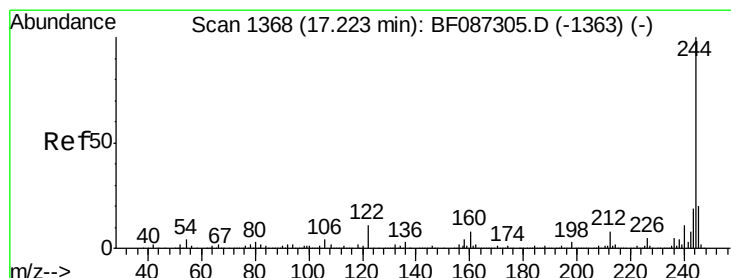
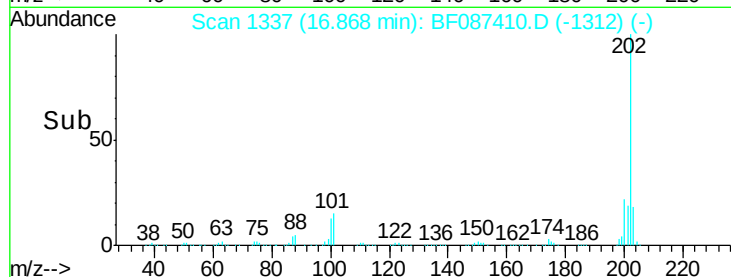
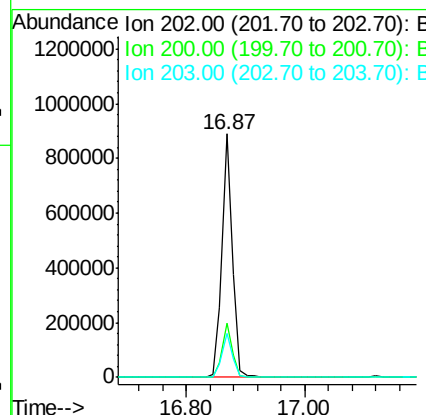
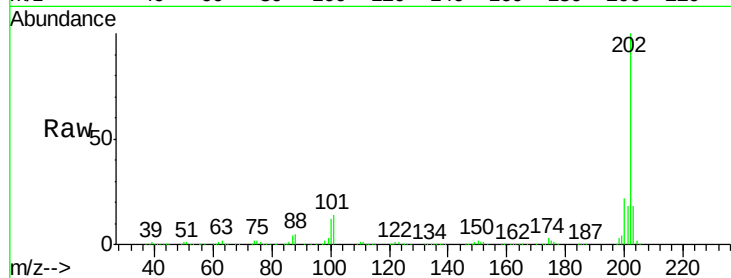
#77
Pvrene
Concen: 47.61 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.3	14.2	21.4

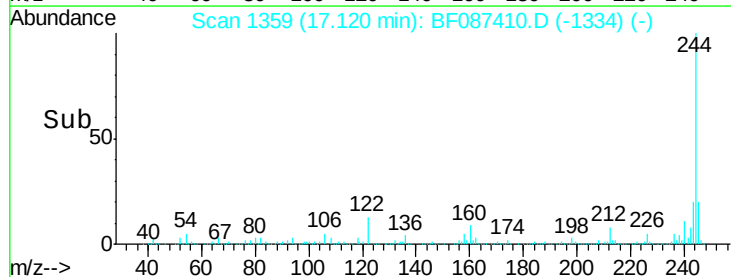
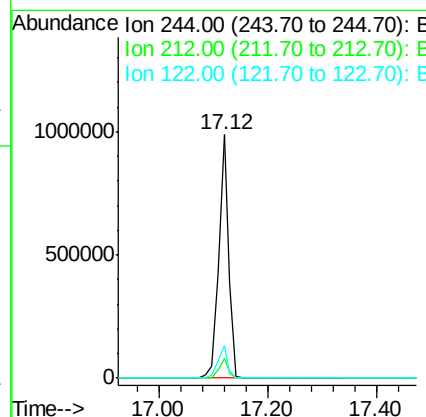
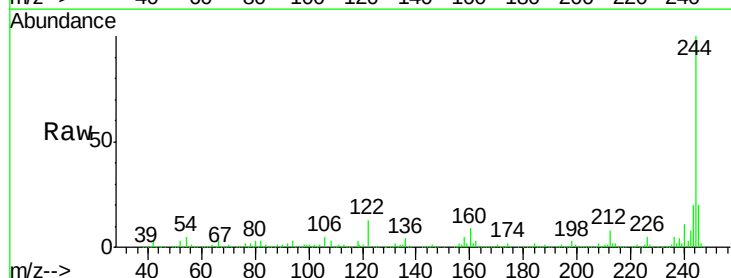
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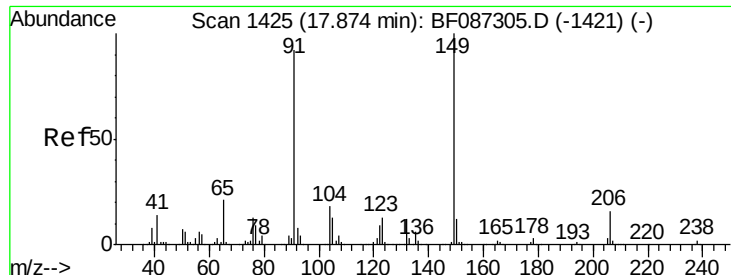
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#78
Terphenyl-d14
Concen: 86.51 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087410.D
Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.4	12.0	18.0





#79

Butylbenzylphthalate

Concen: 47.26 ng

RT: 17.78 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

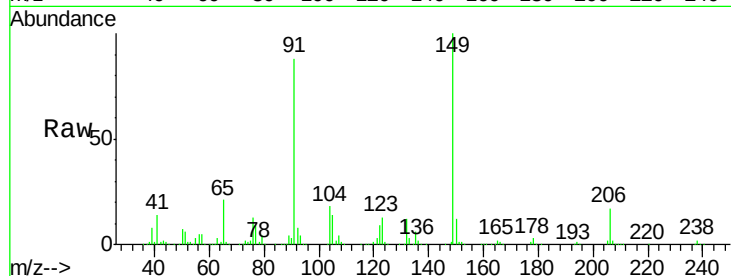
ClientSampleId :

CHS-STA-1711(0-4)MS

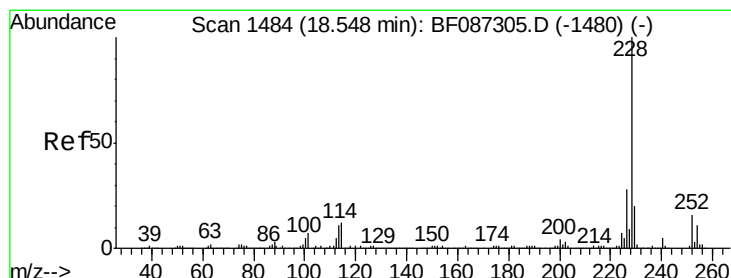
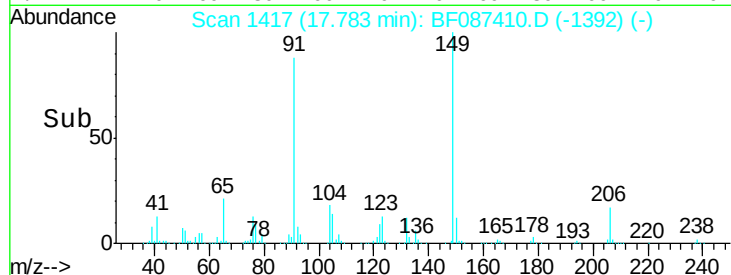
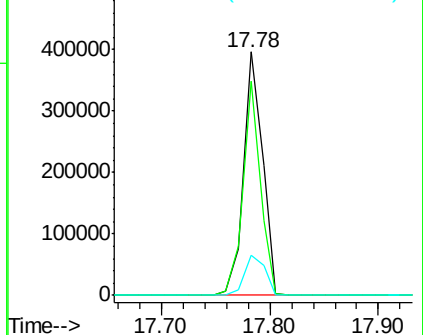
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		476905		
91	88.1	48.0	72.0#		
206	16.6	15.8	23.6		

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.05 ng

RT: 18.46 min Scan# 1476

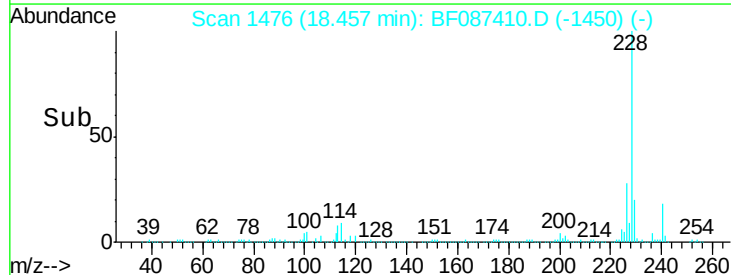
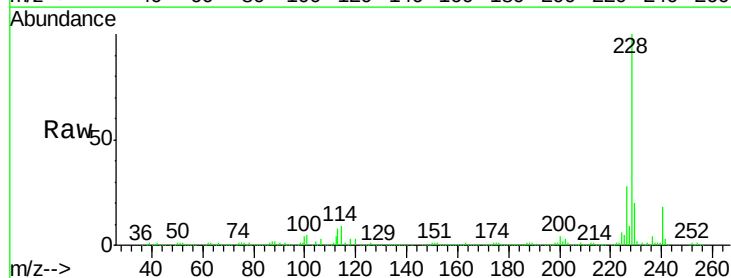
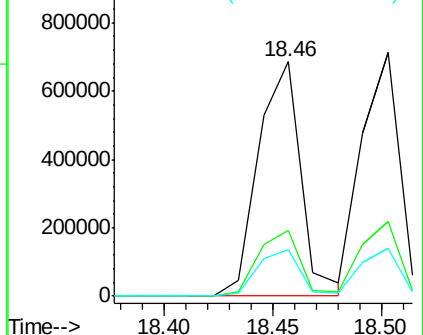
Delta R.T. 0.00 min

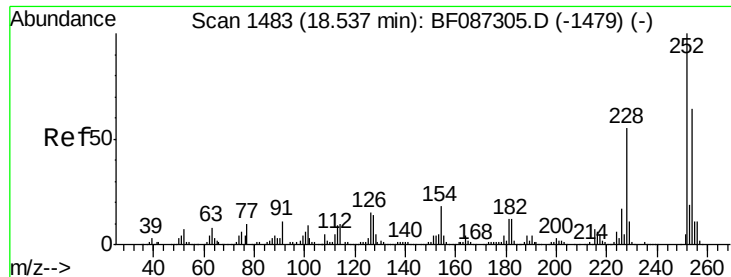
Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		935844		
226	28.2	22.5	33.7		
229	19.6	16.6	25.0		

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





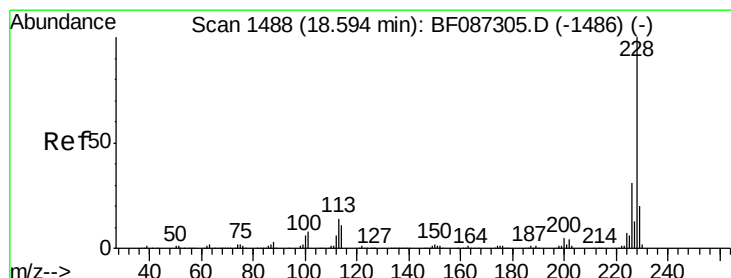
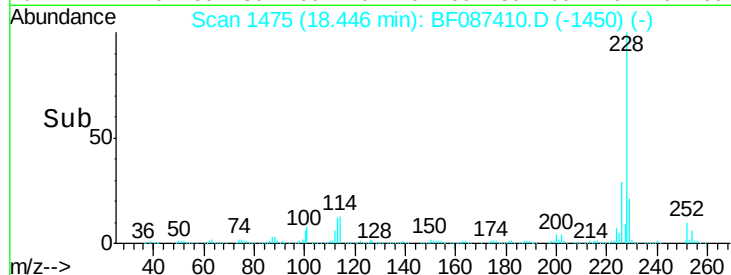
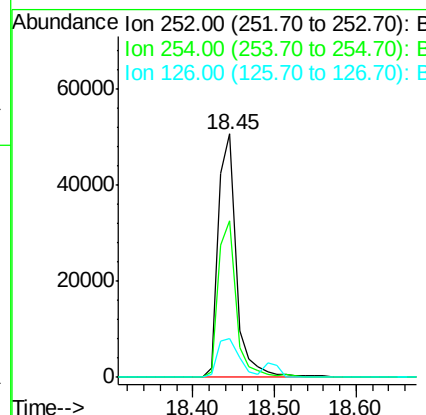
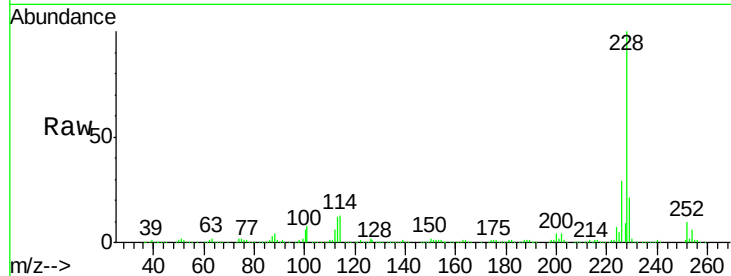
#81
 3,3'-Dichlorobenzidine
 Concen: 7.90 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	16.1	12.7	19.1

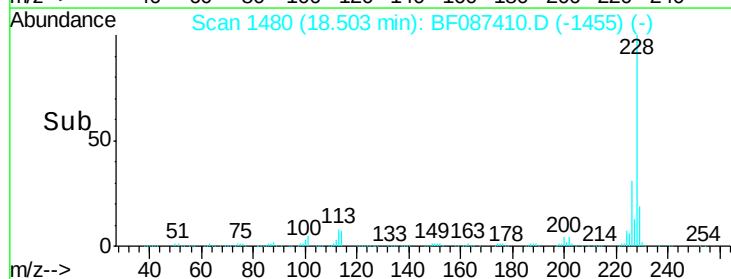
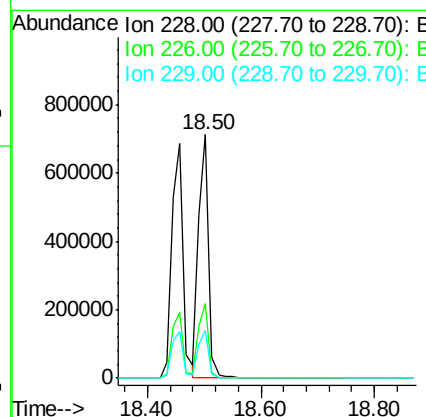
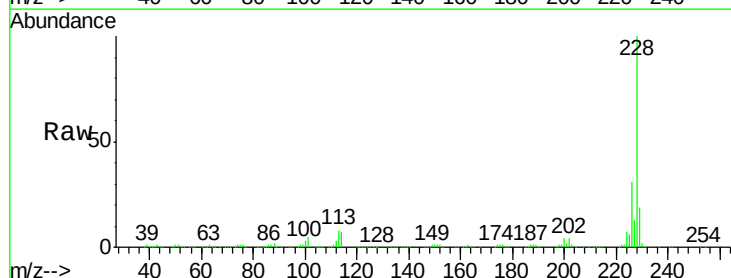
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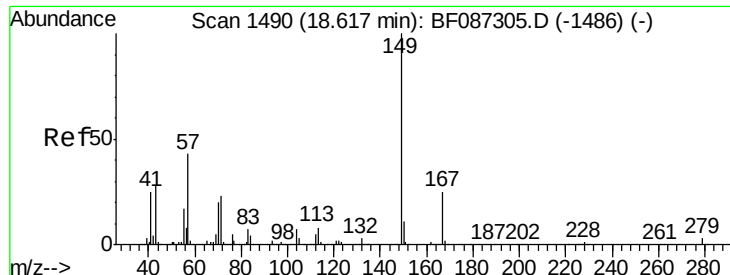
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#82
 Chrysene
 Concen: 49.33 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.4	15.8	23.8





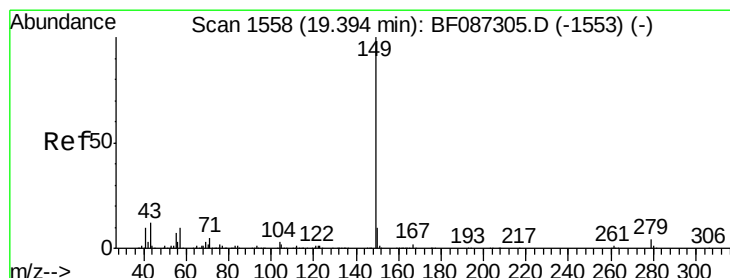
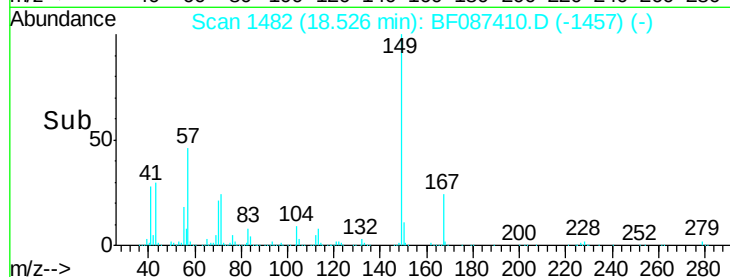
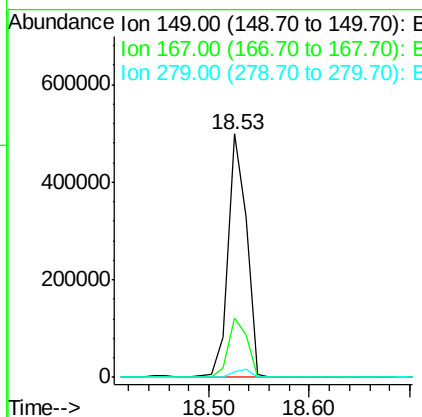
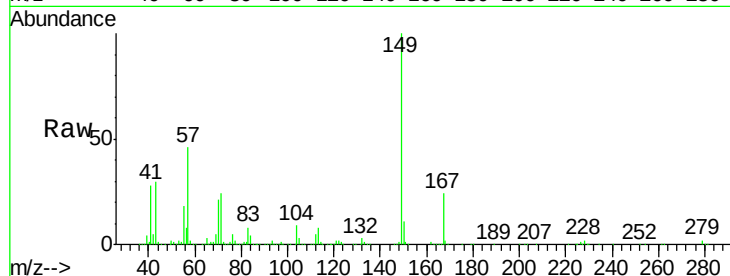
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.27 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.8	32.6
279	2.2	2.6	4.0#

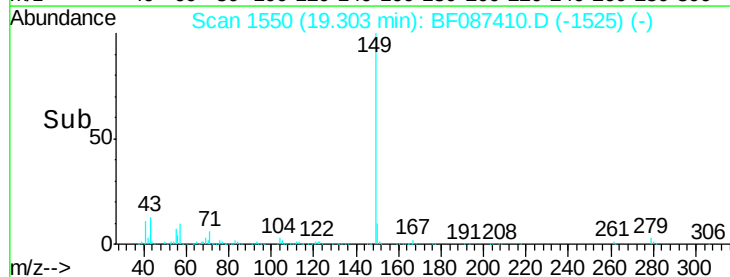
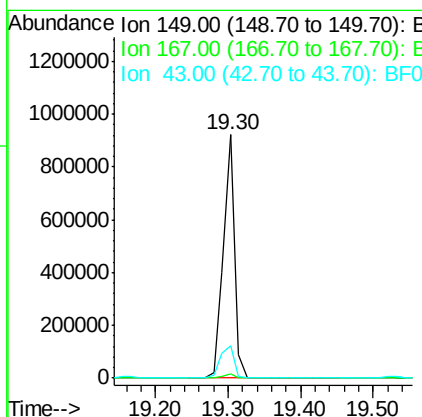
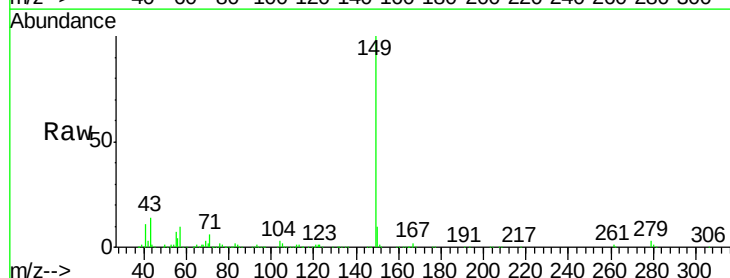
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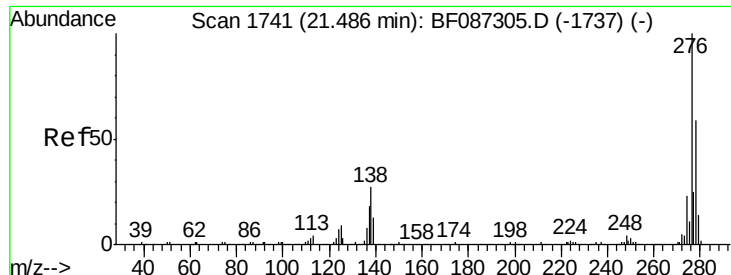
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#84
 Di-n-octyl phthalate
 Concen: 44.26 ng
 RT: 19.30 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.2	8.2	12.4#





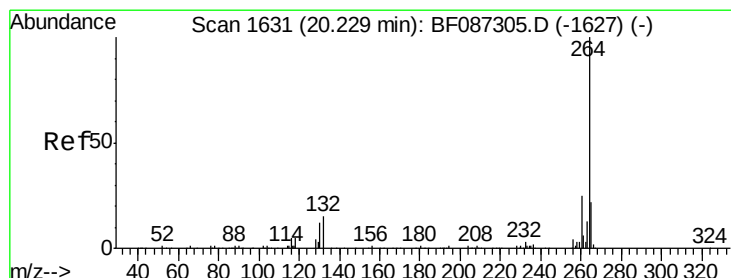
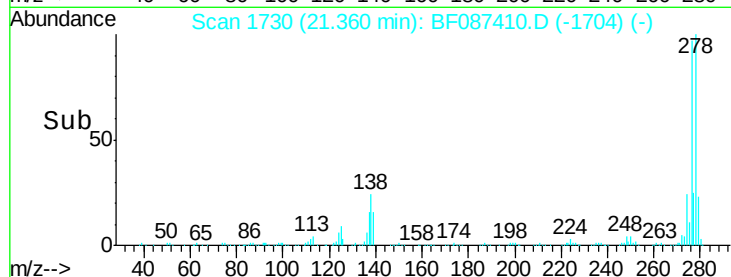
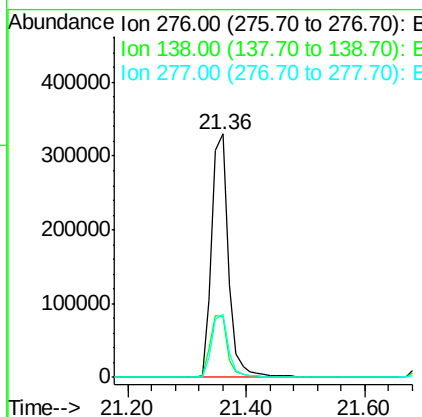
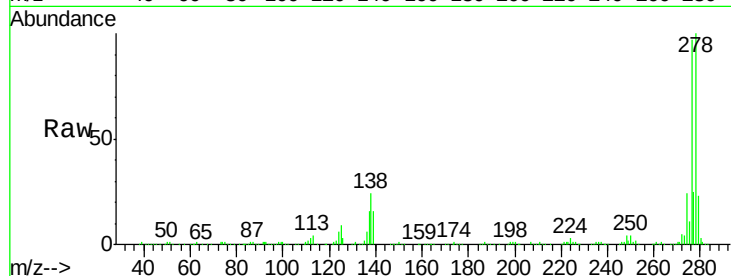
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.66 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.6	38.4
277	25.7	20.5	30.7

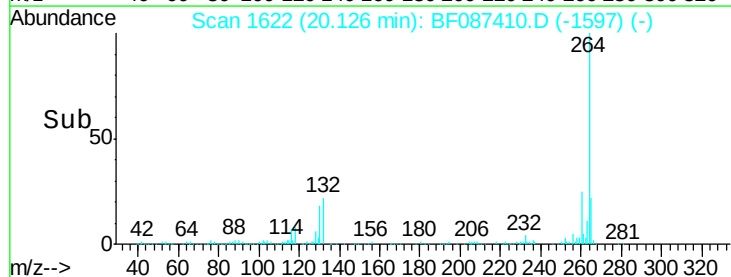
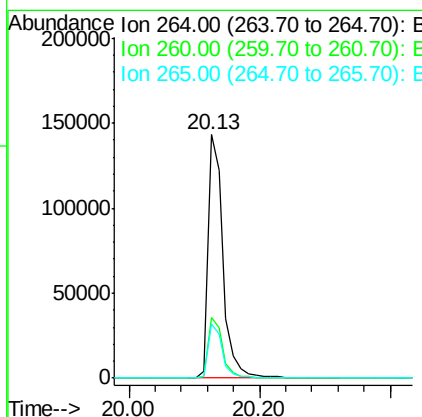
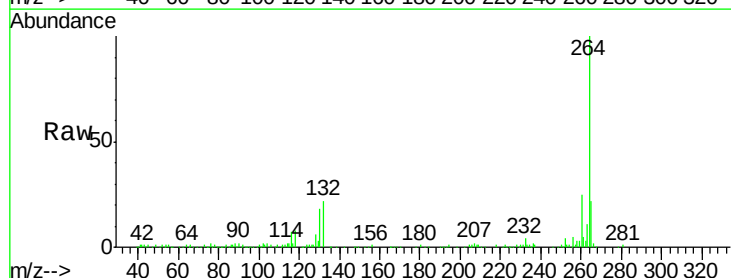
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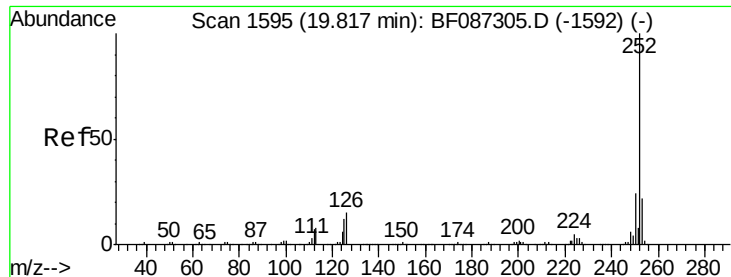
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 49.44 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

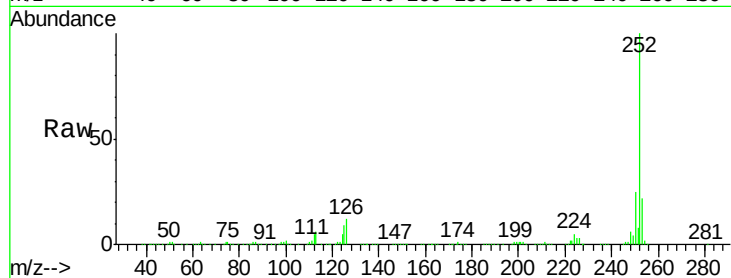
ClientSampleId :

CHS-STA-1711(0-4)MS

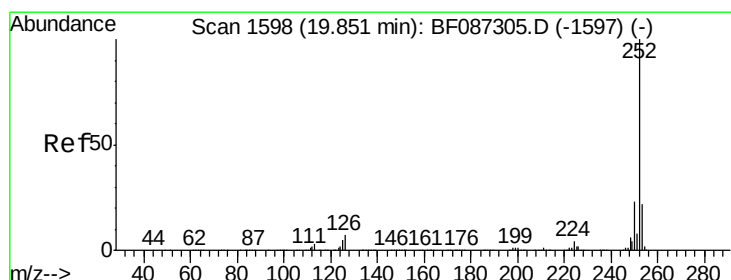
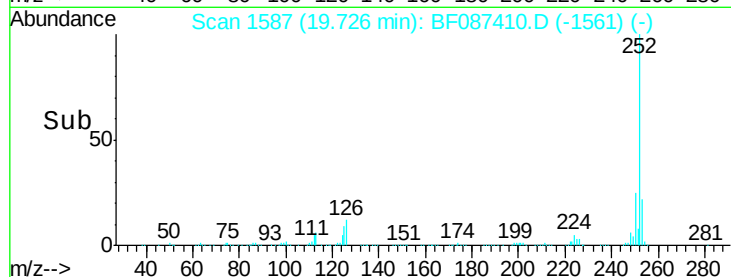
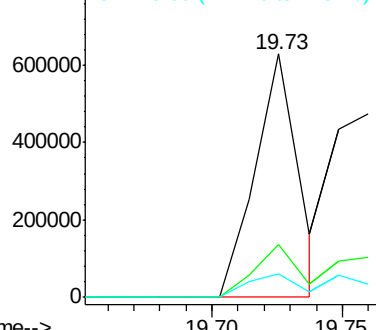
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.4	11.4	17.0#

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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: 56.19 ng m

RT: 19.76 min Scan# 1590

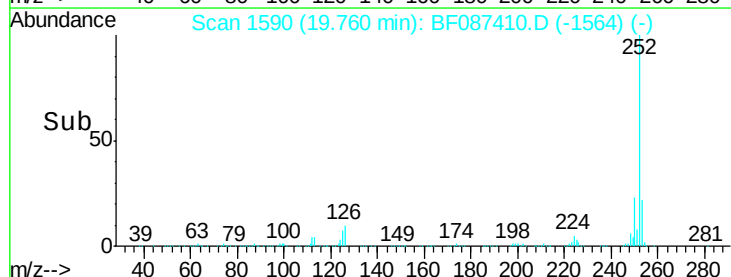
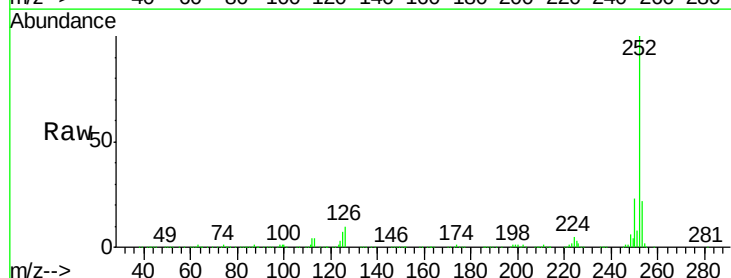
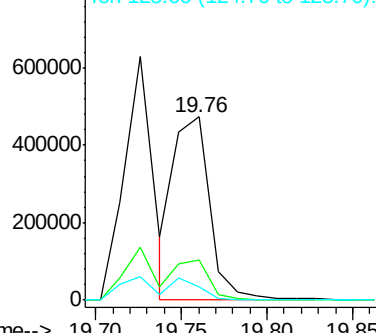
Delta R.T. 0.00 min

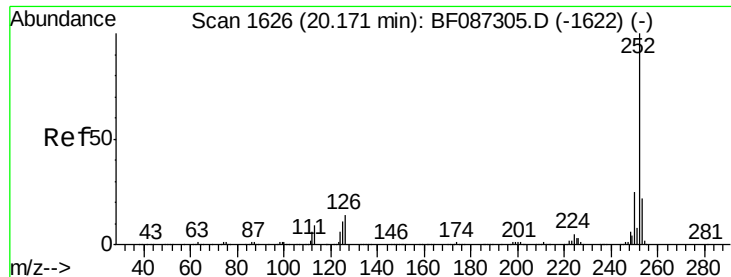
Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	6.9	9.1	13.7#

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: 51.56 ng

RT: 20.08 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Instrument :

BNA_F

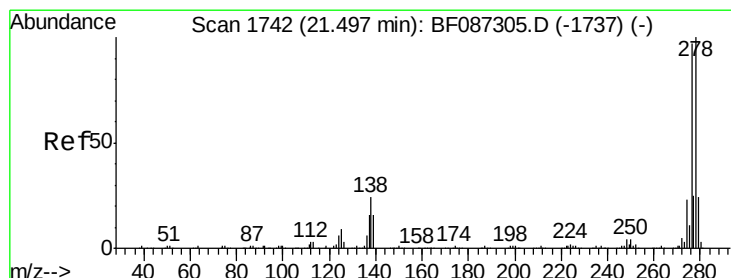
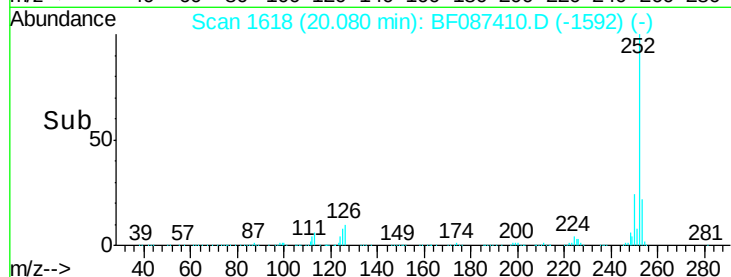
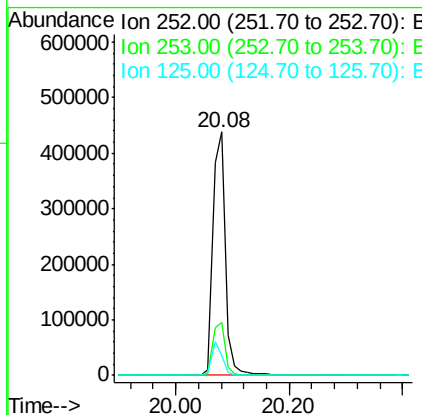
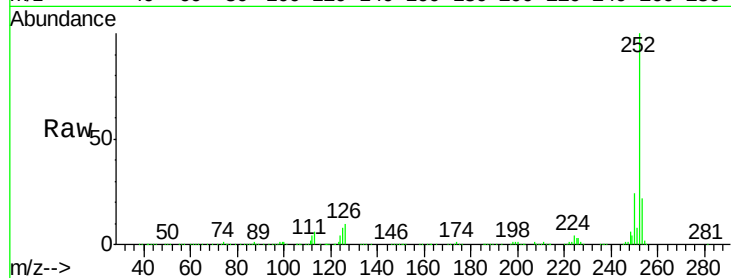
ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.0	9.0	13.6

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#90

Dibenzo(a,h)anthracene

Concen: 52.09 ng

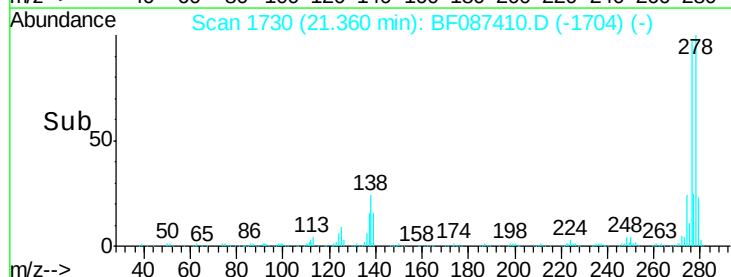
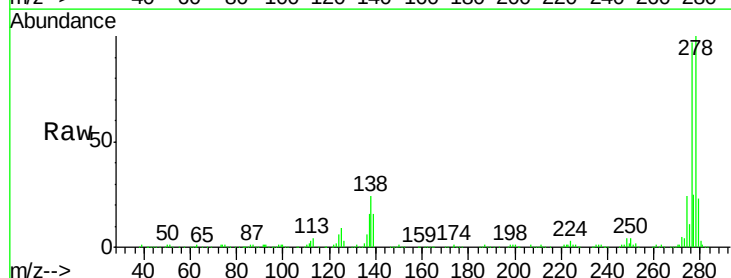
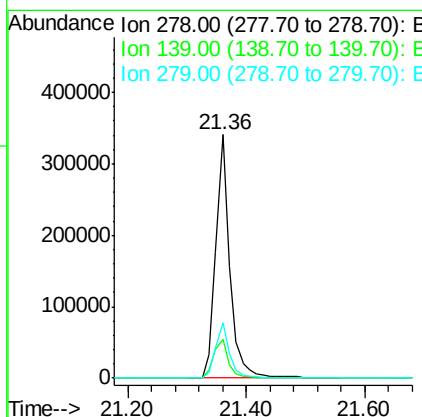
RT: 21.36 min Scan# 1730

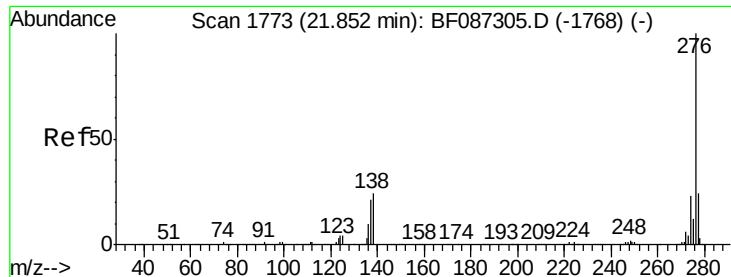
Delta R.T. 0.00 min

Lab File: BF087410.D

Acq: 26 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.6	24.8
279	22.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.21 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087410.D
 Acq: 26 May 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.6	29.4
138	22.4	23.6	35.4

Manual Integrations
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