

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089345.D
 Acq On : 28 Jul 2016 4:32
 Operator : UM/SJ
 Sample : H4205-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Manual Integrations

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 7/28/2016 5:03:36 PM

Quant Time: Jul 28 13:22:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	47479	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	208701	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	98396	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	188796	20.00	ng	0.00
75) Chrysene-d12	13.67	240	136972	20.00	ng	0.00
86) Perylene-d12	15.01	264	101141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	297939	100.20	ng	0.01
7) Phenol-d6	6.20	99	389280	99.06	ng	0.00
23) Nitrobenzene-d5	7.12	82	252158	71.32	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	84473	103.66	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	463795	69.17	ng	0.00
78) Terphenyl-d14	12.63	244	403325	68.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	40079	28.76	ng	# 94
3) Pyridine	2.60	79	94791	32.58	ng	99
4) n-Nitrosodimethylamine	2.58	42	41145	36.55	ng	97
6) Aniline	6.20	93	169590	39.97	ng	98
8) 2-Chlorophenol	6.33	128	134518	39.99	ng	97
9) Benzaldehyde	6.09	77	66883	34.86	ng	99
10) Phenol	6.22	94	171387	39.52	ng	89
11) bis(2-Chloroethyl)ether	6.30	93	130128	35.32	ng	98
12) 1,3-Dichlorobenzene	6.48	146	126013	35.82	ng	100
13) 1,4-Dichlorobenzene	6.56	146	138150	35.58	ng	99
14) 1,2-Dichlorobenzene	6.72	146	128375	35.29	ng	98
15) Benzyl Alcohol	6.71	79	105300	43.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	143101	35.61	ng	82
17) 2-Methylphenol	6.83	107	98095	37.73	ng	94
18) Hexachloroethane	7.05	117	52147	35.03	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	93997	39.67	ng	100
20) 3+4-Methylphenols	6.98	107	130096	38.97	ng	98
22) Acetophenone	6.97	105	166975	33.61	ng	# 98
24) Nitrobenzene	7.14	77	131508	32.68	ng	99
25) Isophorone	7.38	82	273473	38.40	ng	100
26) 2-Nitrophenol	7.46	139	64675	35.95	ng	99
27) 2,4-Dimethylphenol	7.51	122	107096	37.37	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	159974	40.58	ng	99
29) 2,4-Dichlorophenol	7.70	162	109170	41.80	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	108785	36.51	ng	100
31) Naphthalene	7.85	128	369826m	35.78	ng	
32) Benzoic acid	7.63	122	7661m	3.84	ng	
33) 4-Chloroaniline	7.92	127	131521	33.43	ng	100
34) Hexachlorobutadiene	7.98	225	60958	35.72	ng	98
35) Caprolactam	8.28	113	29699m	37.68	ng	
36) 4-Chloro-3-methylphenol	8.41	107	123226	39.70	ng	96
37) 2-Methylnaphthalene	8.55	142	236920	38.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	92749	26.94	ng	99
40) Hexachlorocyclopentadiene	8.70	237	71093	73.27	ng	98

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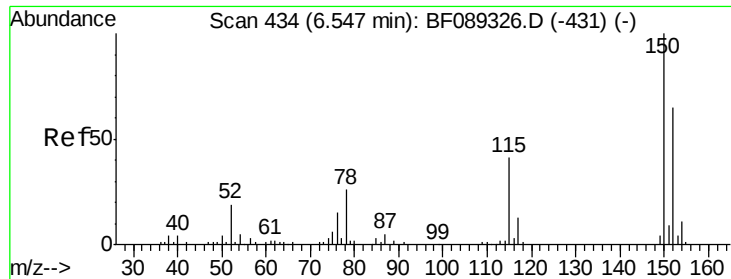
Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	62284	38.05	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	76479	36.88	ng	98
45) 1,1'-Biphenyl	9.00	154	253570	30.27	ng	99
46) 2-Chloronaphthalene	9.03	162	231351	36.77	ng	100
47) 2-Nitroaniline	9.14	65	73568	39.48	ng	97
48) Acenaphthylene	9.44	152	372339	37.57	ng	100
49) Dimethylphthalate	9.32	163	396819	52.99	ng	100
50) 2,6-Dinitrotoluene	9.38	165	61782	40.15	ng	# 84
51) Acenaphthene	9.61	154	222758	38.49	ng	99
52) 3-Nitroaniline	9.55	138	59739	36.79	ng	97
53) 2,4-Dinitrophenol	9.68	184	9286	23.44	ng	91
54) Dibenzofuran	9.78	168	329425	41.77	ng	99
55) 4-Nitrophenol	9.74	139	59701	75.84	ng	93
56) 2,4-Dinitrotoluene	9.78	165	77420	38.22	ng	# 79
57) Fluorene	10.12	166	266374	38.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	61945	44.74	ng	96
59) Diethylphthalate	10.02	149	282958	37.27	ng	# 94
60) 4-Chlorophenyl-phenylether	10.12	204	111766	35.40	ng	98
61) 4-Nitroaniline	10.17	138	66268	39.59	ng	88
62) Azobenzene	10.28	77	306017	39.14	ng	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	34150	31.60	ng	84
65) n-Nitrosodiphenylamine	10.24	169	221362	37.58	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	70225	38.96	ng	95
67) Hexachlorobenzene	10.66	284	62507	33.84	ng	94
68) Atrazine	10.78	200	71029	39.25	ng	98
69) Pentachlorophenol	10.87	266	59204	67.20	ng	99
70) Phenanthrene	11.07	178	374772	38.49	ng	99
71) Anthracene	11.13	178	383737	35.45	ng	99
72) Carbazole	11.29	167	348249	38.21	ng	99
73) Di-n-butylphthalate	11.62	149	419397	34.30	ng	100
74) Fluoranthene	12.25	202	386647	37.75	ng	99
76) Benzidine	12.39	184	246604	48.73	ng	96
77) Pyrene	12.47	202	370916	35.73	ng	99
79) Butylbenzylphthalate	13.11	149	183460	38.87	ng	99
80) Benzo(a)anthracene	13.66	228	270260	34.96	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	86948	31.26	ng	98
82) Chrysene	13.69	228	271023	32.94	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	234852	34.42	ng	99
84) Di-n-octyl phthalate	14.27	149	371791	34.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	197768	33.81	ng	99
87) Benzo(b)fluoranthene	14.65	252	209391m	33.34	ng	
88) Benzo(k)fluoranthene	14.67	252	231495m	40.09	ng	
89) Benzo(a)pyrene	14.95	252	204284	36.26	ng	97
90) Dibenzo(a,h)anthracene	16.22	278	165604	37.31	ng	95
91) Benzo(g,h,i)perylene	16.56	276	167144	38.31	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF089345.D

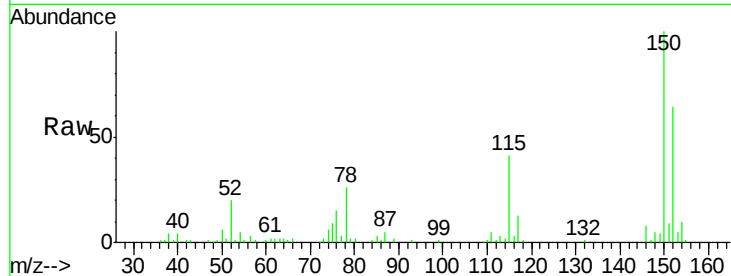
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD



Tgt Ion: 152 Resp: 47479

Ion Ratio Lower Upper

152 100

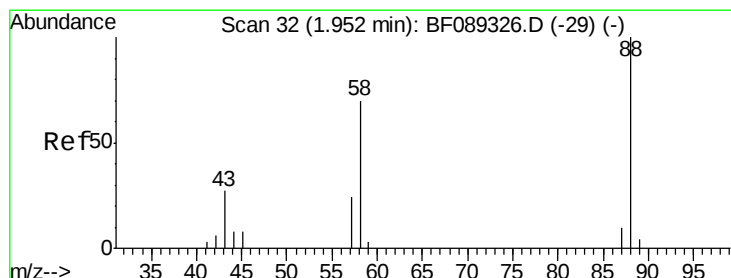
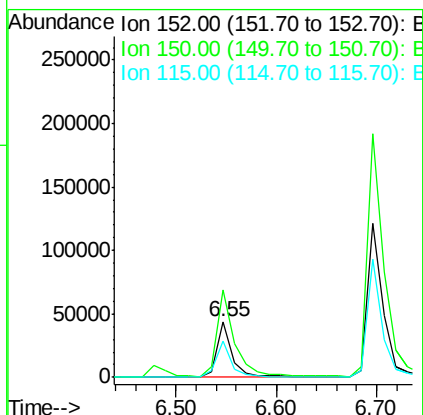
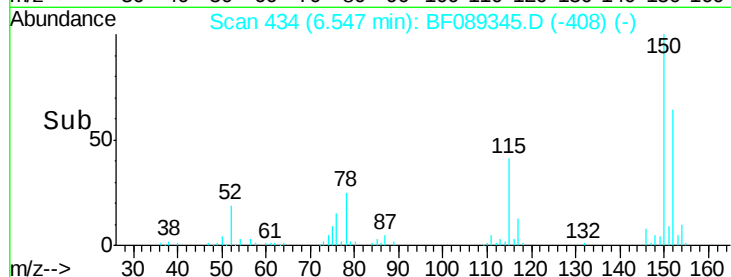
150 156.4 129.5 194.3

115 64.6 51.4 77.2

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#2

1,4-Dioxane

Concen: 28.76 ng

RT: 2.00 min Scan# 36

Delta R.T. 0.05 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

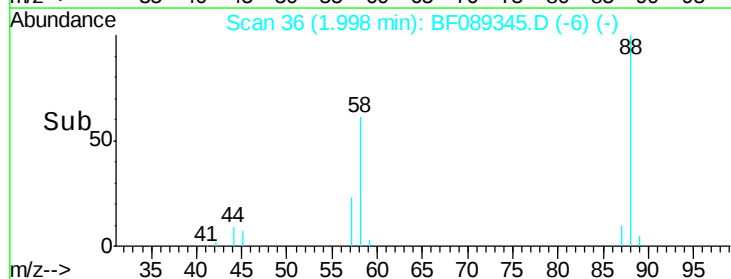
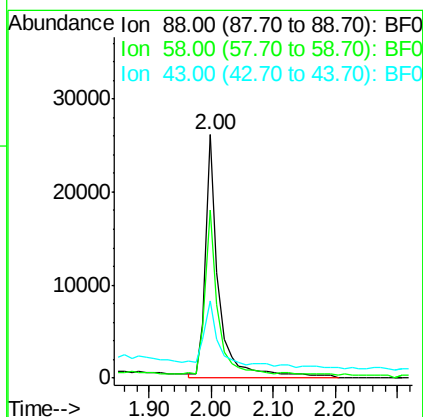
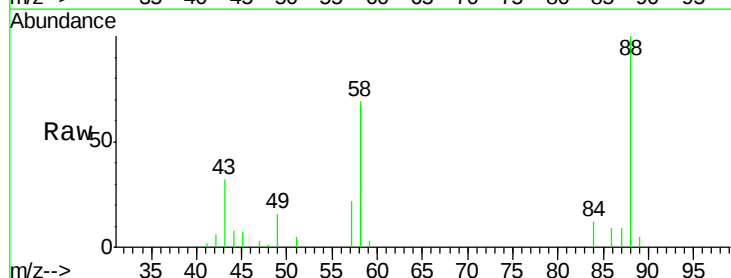
Tgt Ion: 88 Resp: 40079

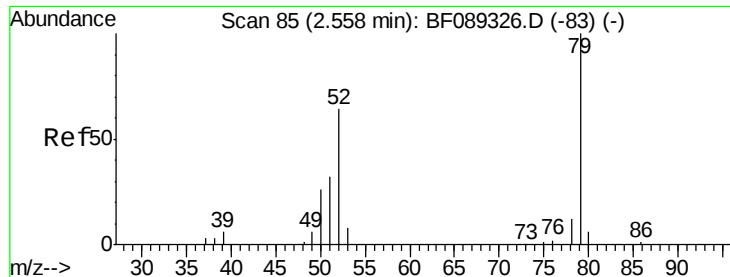
Ion Ratio Lower Upper

88 100

58 64.4 53.2 79.8

43 32.9 20.6 31.0#





#3

Pyridine

Concen: 32.58 ng

RT: 2.60 min Scan# 89

Delta R.T. 0.03 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

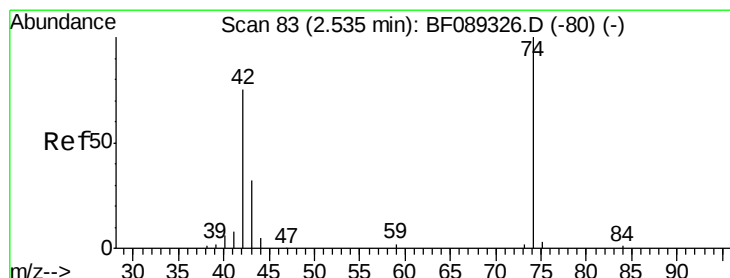
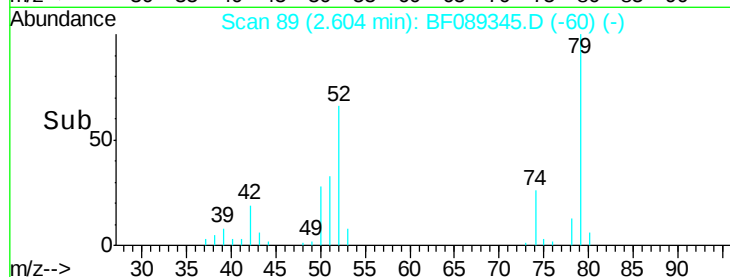
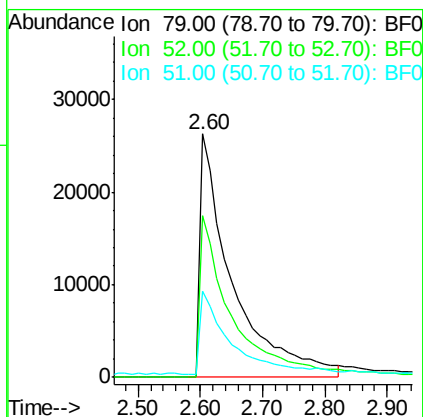
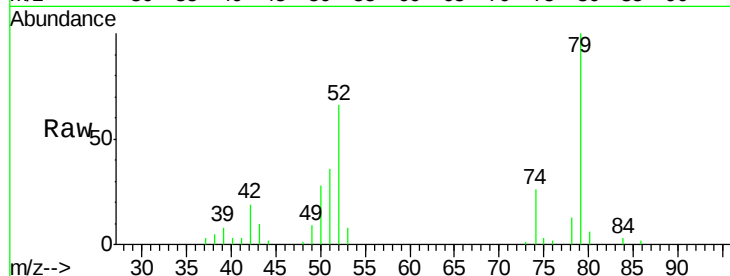
SB-38-14.0-15.0MSD

Tgt Ion:	79	Resp:	94791
Ion	Ratio	Lower	Upper
79	100		
52	66.2	51.9	77.9
51	35.5	28.2	42.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 36.55 ng

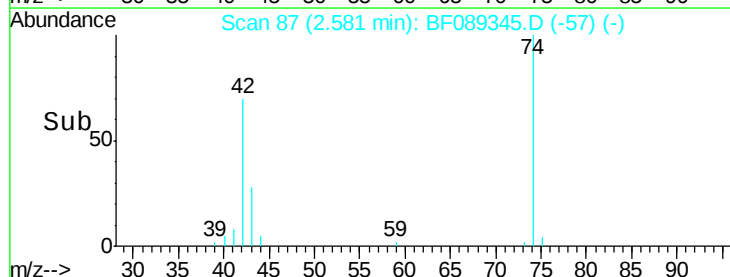
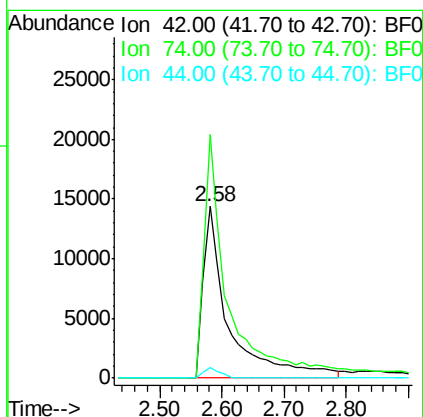
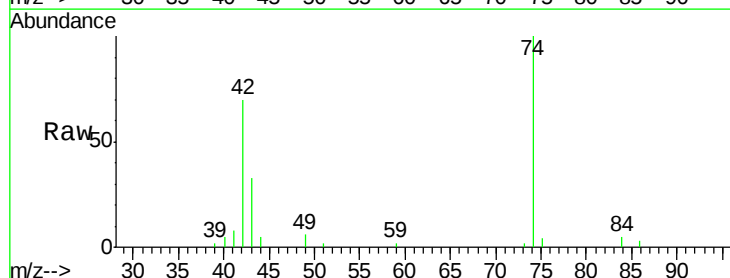
RT: 2.58 min Scan# 87

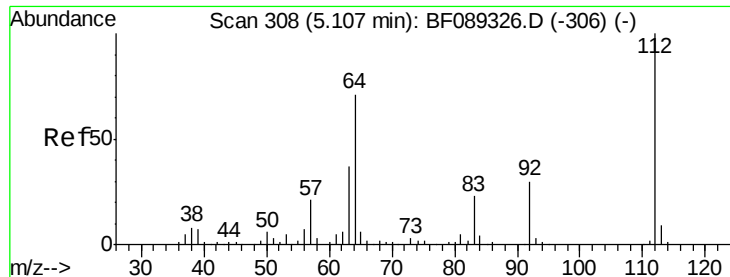
Delta R.T. 0.05 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	42	Resp:	41145
Ion	Ratio	Lower	Upper
42	100		
74	141.9	110.8	166.2
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 100.20 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089345.D

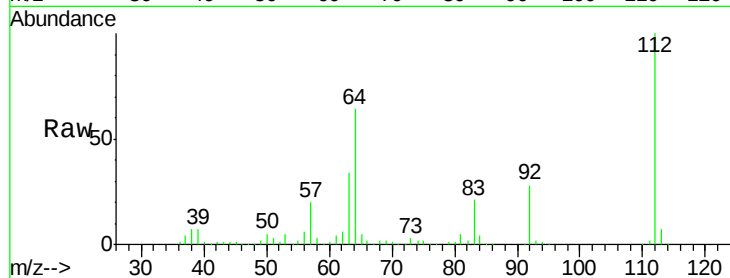
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

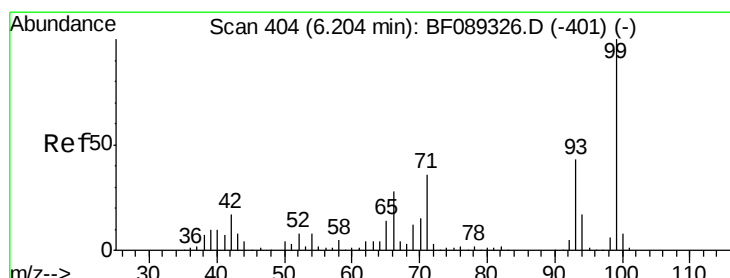
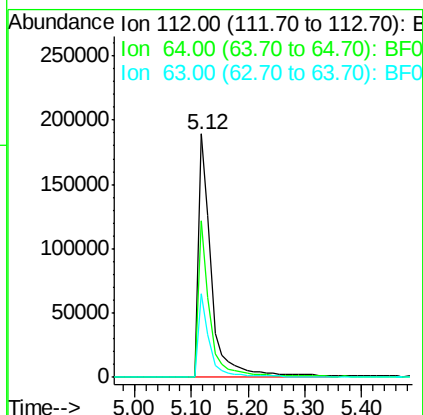
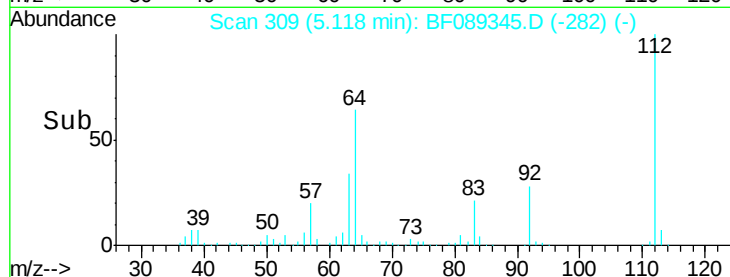


Tgt Ion:	112	Resp:	297939
Ion Ratio	Lower	Upper	
112	100		
64	64.4	55.0	82.6
63	34.3	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 39.97 ng

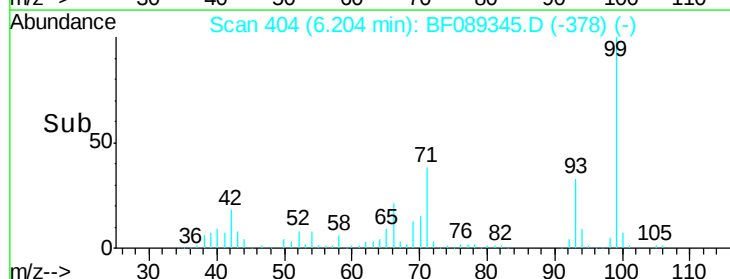
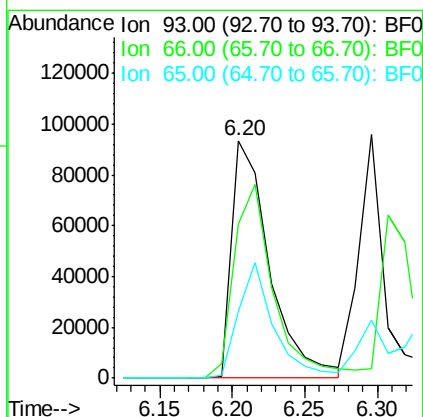
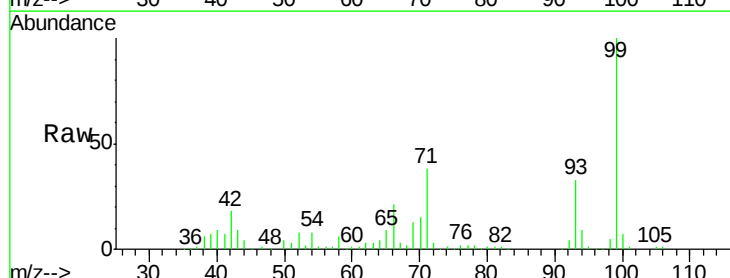
RT: 6.20 min Scan# 404

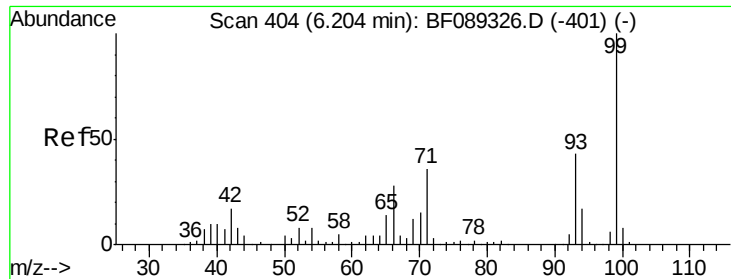
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	93	Resp:	169590
Ion Ratio	Lower	Upper	
93	100		
66	65.1	51.6	77.4
65	28.3	24.7	37.1





#7

Phenol-d6

Concen: 99.06 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089345.D

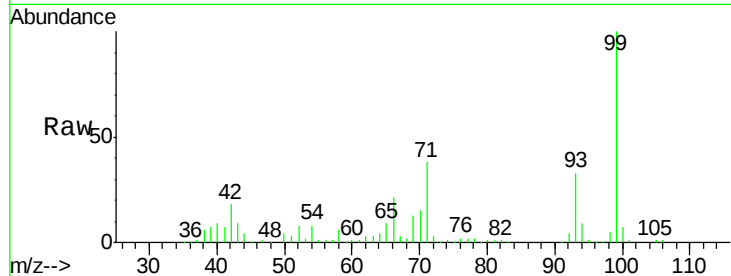
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

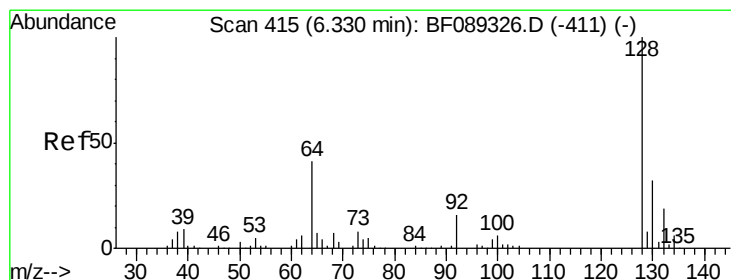
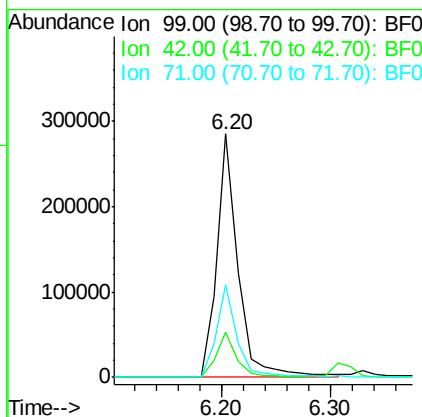
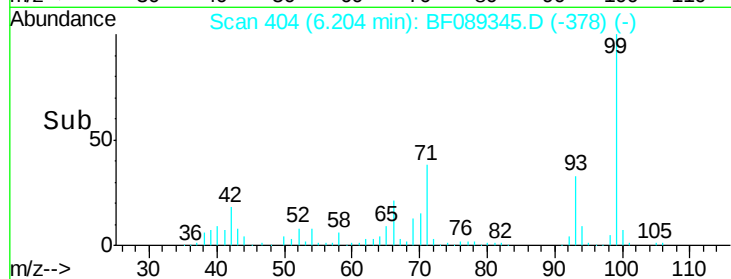


Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.6	20.4
71	38.1	29.4	44.2

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#8

2-Chlorophenol

Concen: 39.99 ng

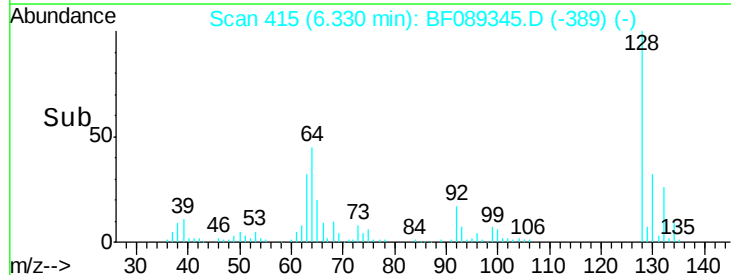
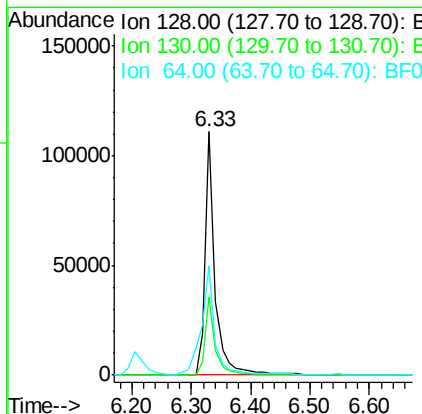
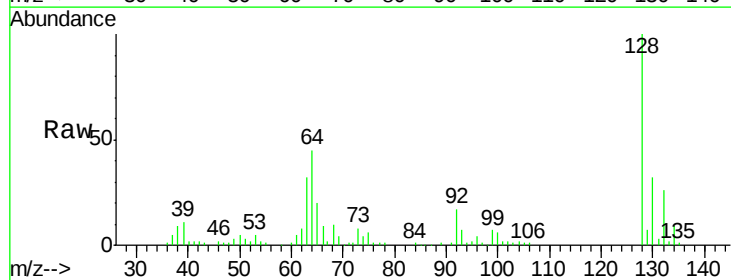
RT: 6.33 min Scan# 415

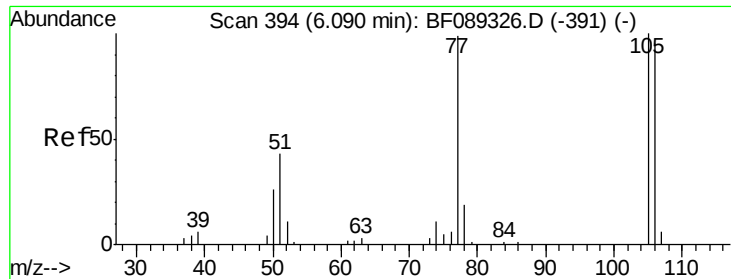
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	44.8	22.1	62.1





#9

Benzaldehyde

Concen: 34.86 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF089345.D

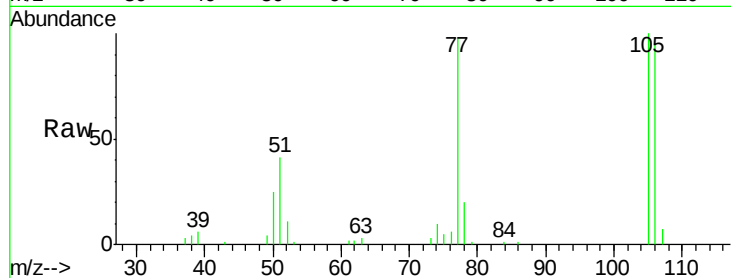
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD



Tgt Ion: 77 Resp: 66883

Ion Ratio Lower Upper

77 100

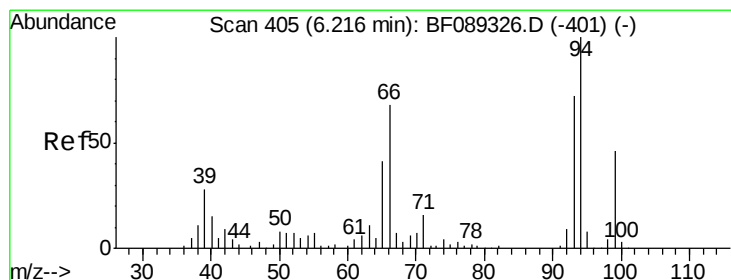
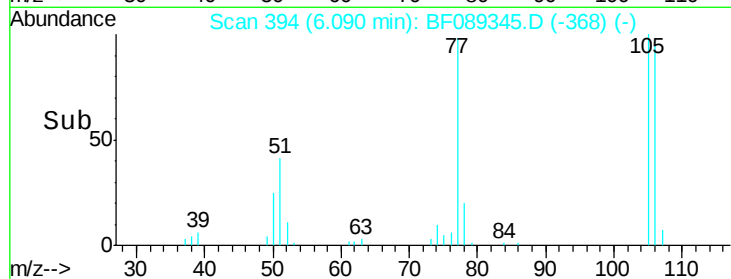
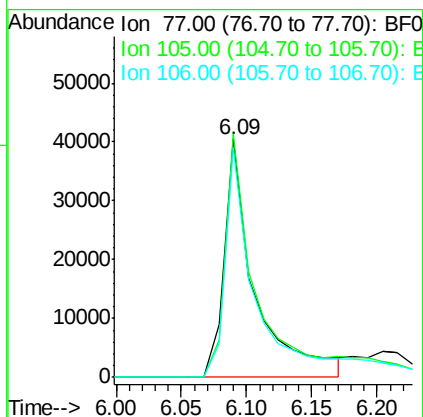
105 102.1 82.9 122.9

106 96.5 75.9 115.9

Manual Integrations

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#10

Phenol

Concen: 39.52 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

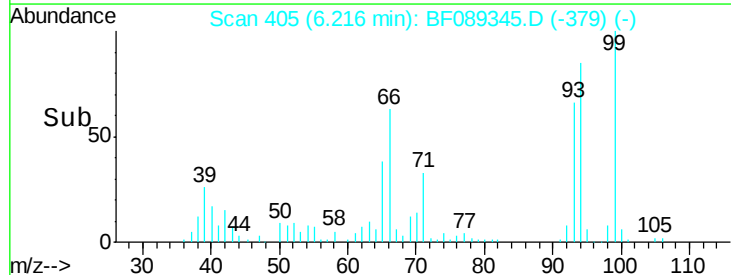
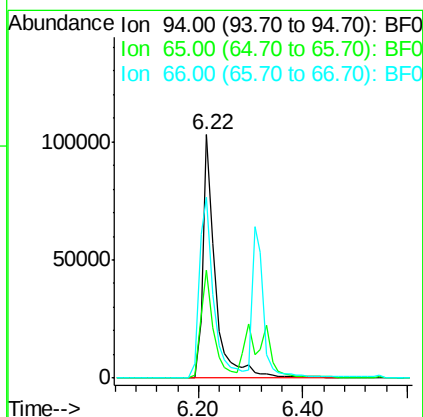
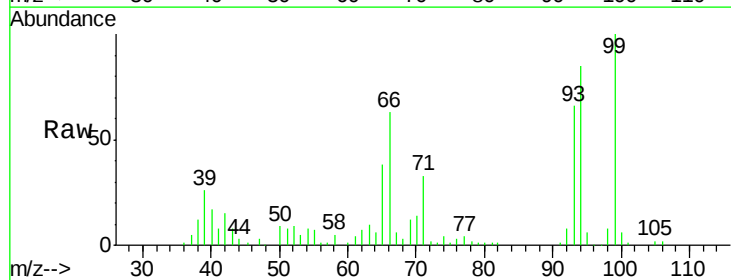
Tgt Ion: 94 Resp: 171387

Ion Ratio Lower Upper

94 100

65 44.3 19.1 59.1

66 74.1 44.4 84.4





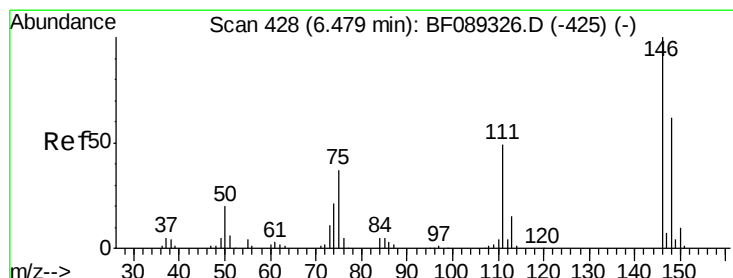
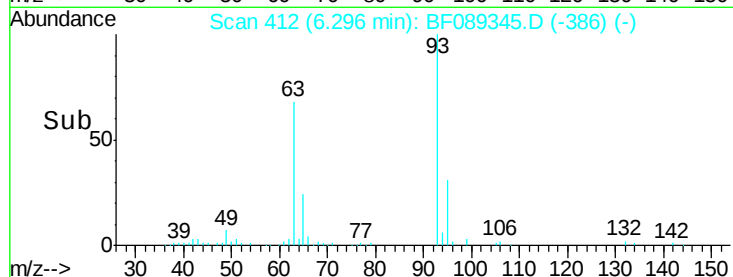
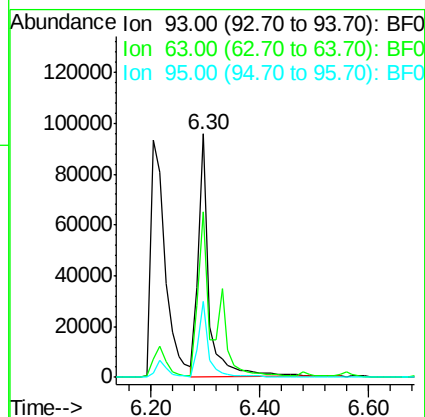
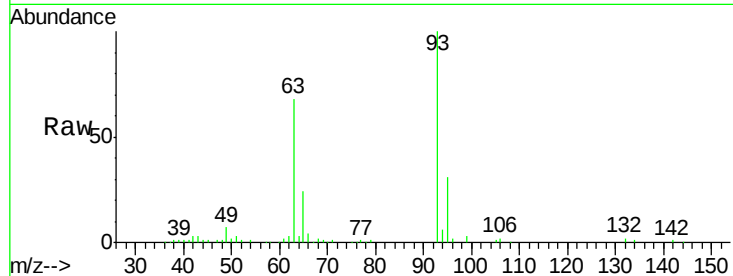
#11
bis(2-Chloroethyl)ether
Concen: 35.32 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion:	93	Resp:	130128
Ion	Ratio	Lower	Upper
93	100		
63	67.9	45.6	85.6
95	31.3	11.1	51.1

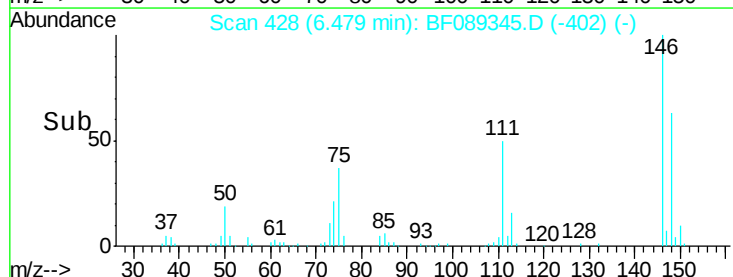
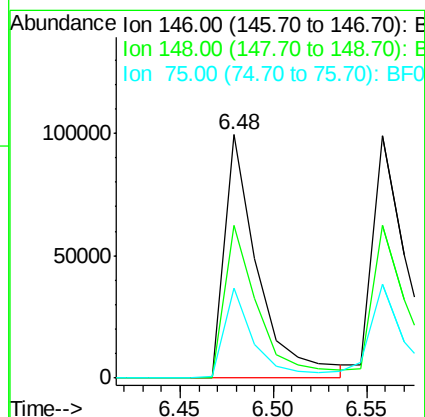
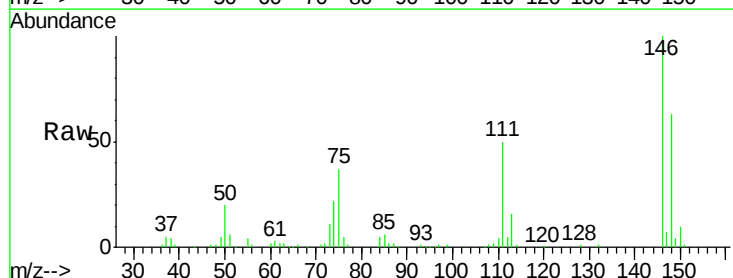
Manual Integrations

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#12
1,3-Dichlorobenzene
Concen: 35.82 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion:	146	Resp:	126013
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	37.2	30.0	45.0





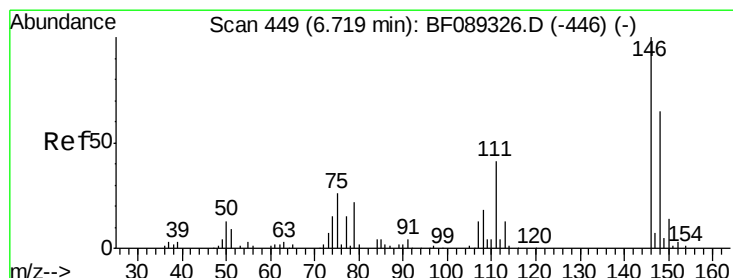
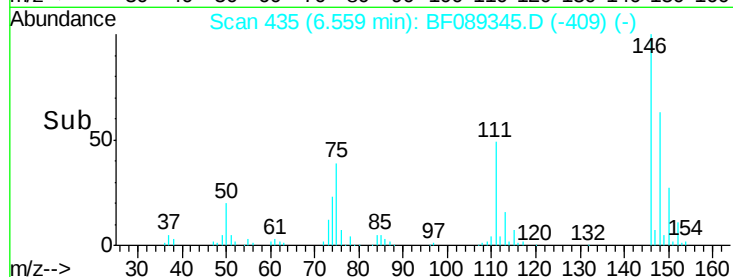
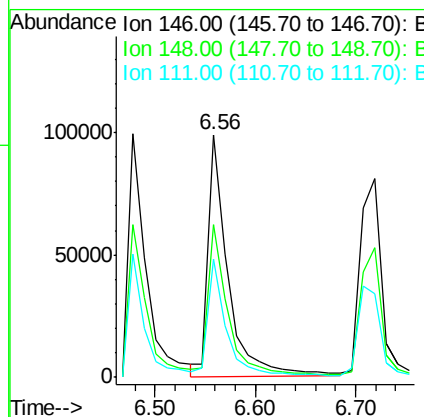
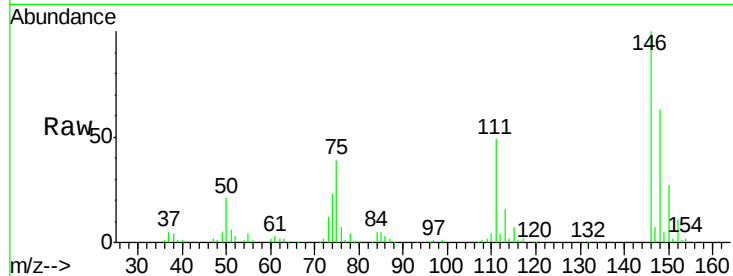
#13
 1,4-Dichlorobenzene
 Concen: 35.58 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampled :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	48.7	38.6	57.8

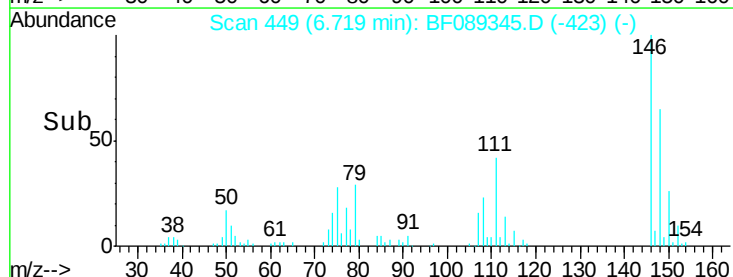
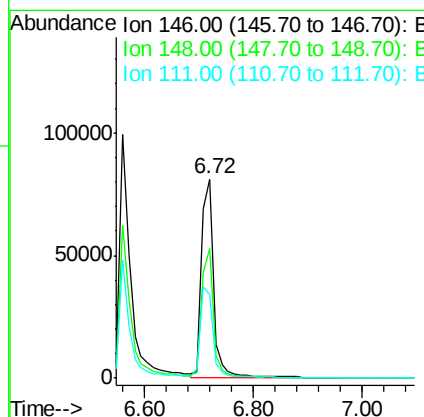
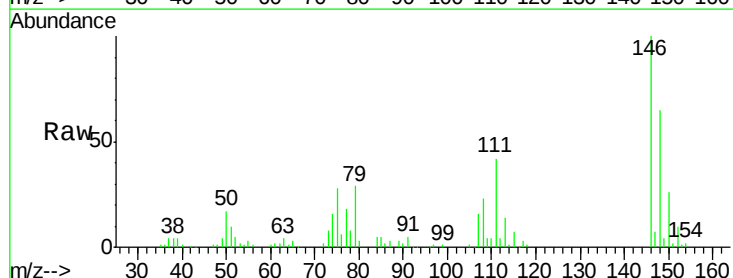
Manual Integrations

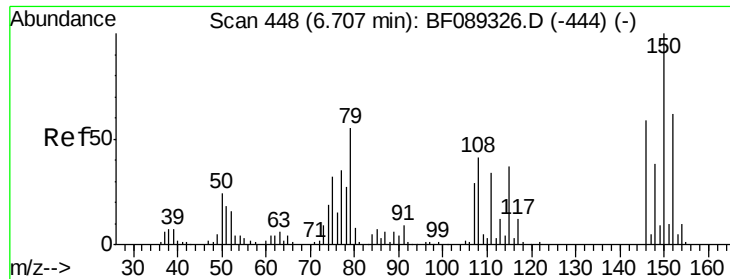
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#14
 1,2-Dichlorobenzene
 Concen: 35.29 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.4	75.6
111	42.2	33.0	49.4





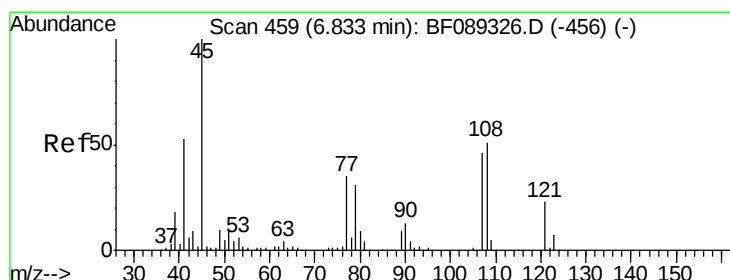
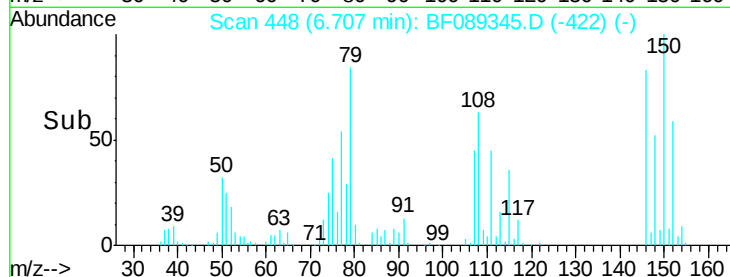
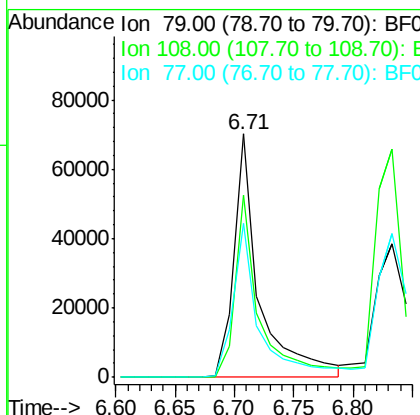
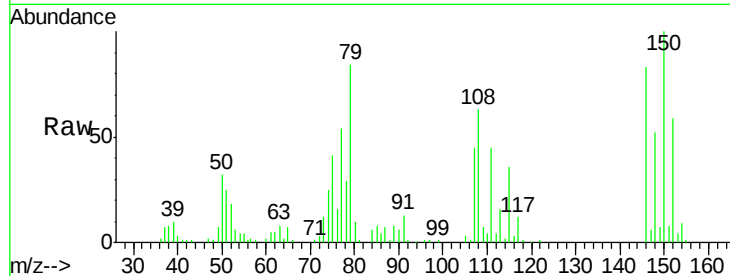
#15
Benzyl Alcohol
Concen: 43.18 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion: 79 Resp: 105300
Ion Ratio Lower Upper
79 100
108 75.0 59.8 89.6
77 63.5 51.7 77.5

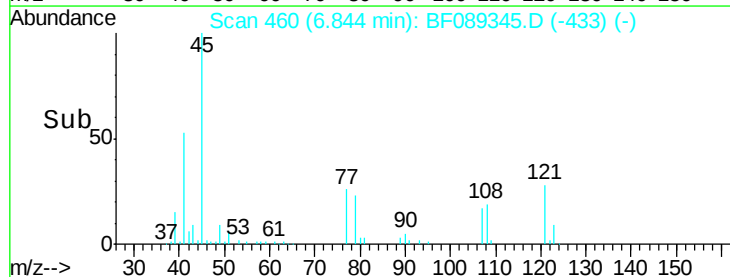
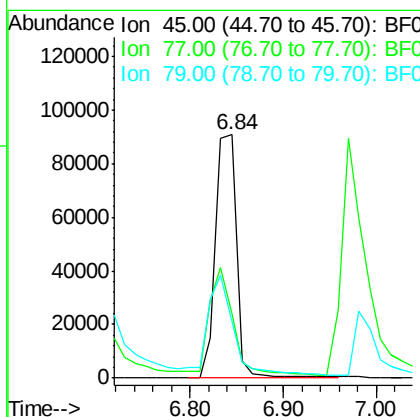
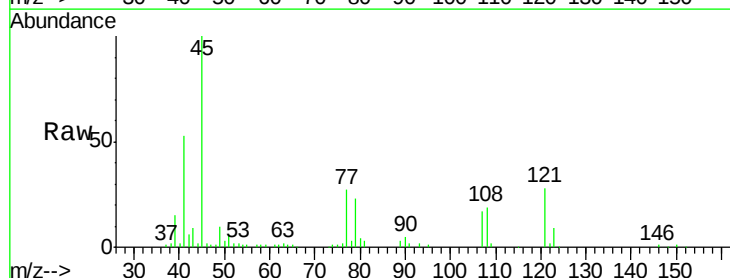
Manual Integrations

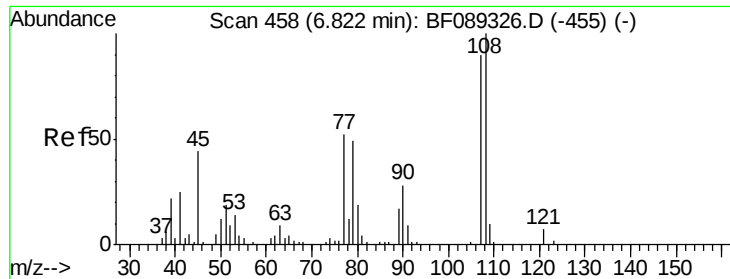
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.61 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

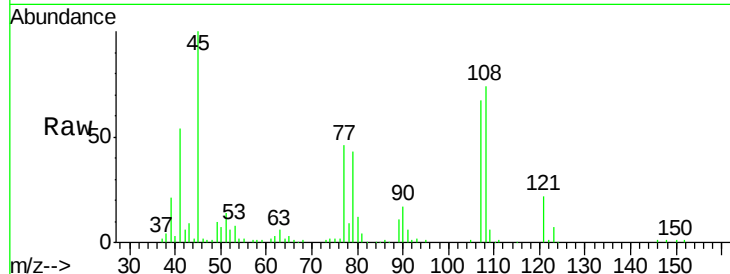
Tgt Ion: 45 Resp: 143101
Ion Ratio Lower Upper
45 100
77 26.7 17.3 57.3
79 23.3 13.9 53.9





#17
2-Methylphenol
Concen: 37.73 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

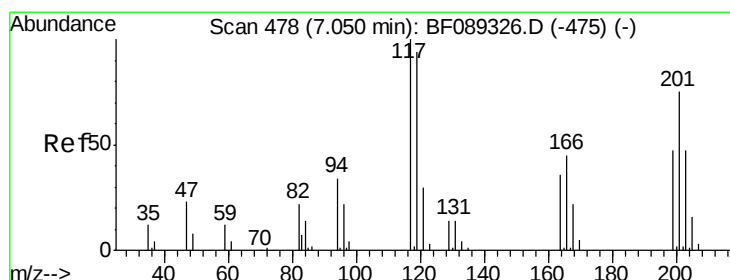
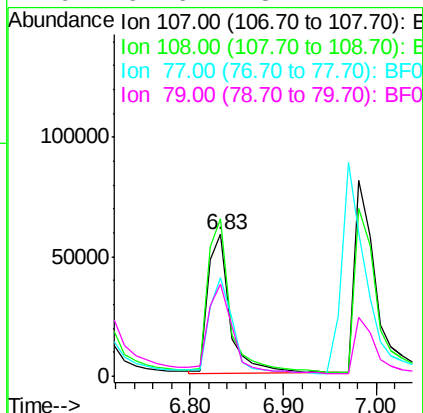
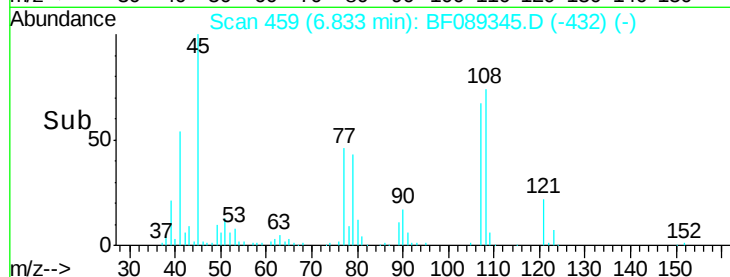
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	98095		
108	110.6	91.4	137.0	
77	69.6	48.6	73.0	
79	64.6	48.2	72.4	

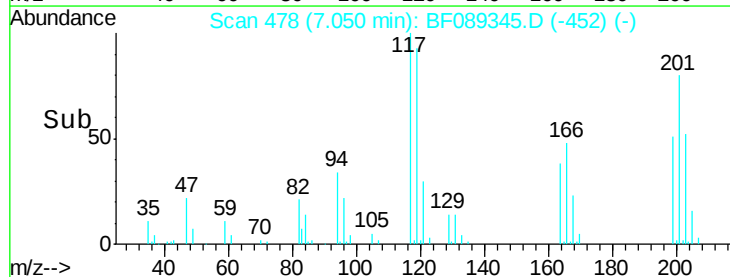
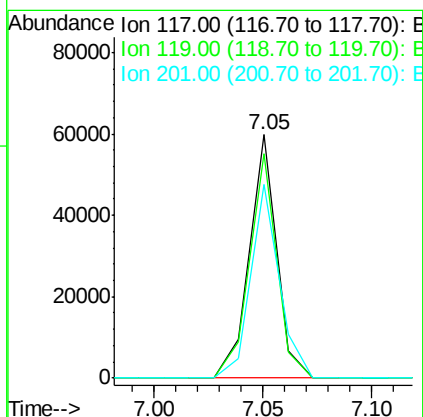
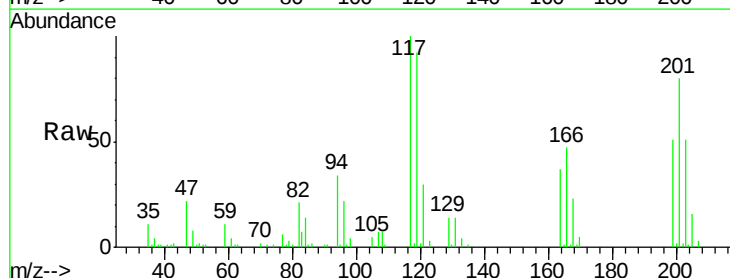
Manual Integrations

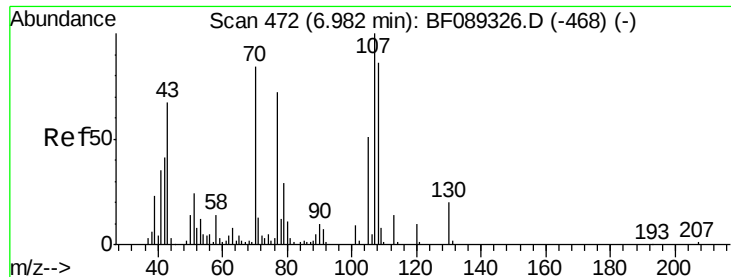
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#18
Hexachloroethane
Concen: 35.03 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52147		
119	92.4	76.0	114.0	
201	79.8	60.0	90.0	





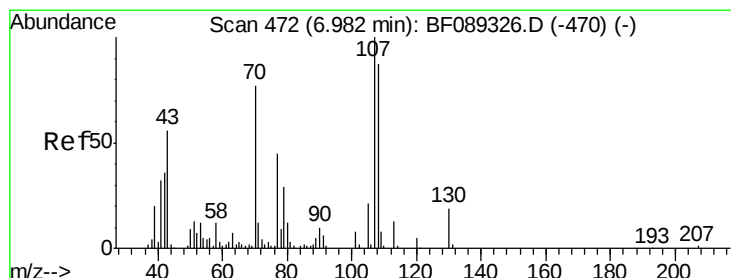
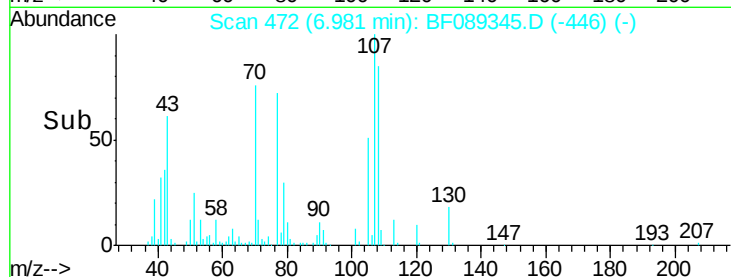
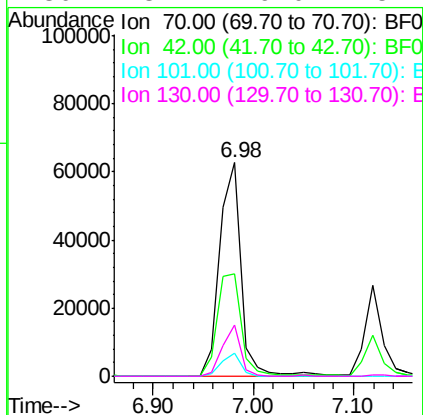
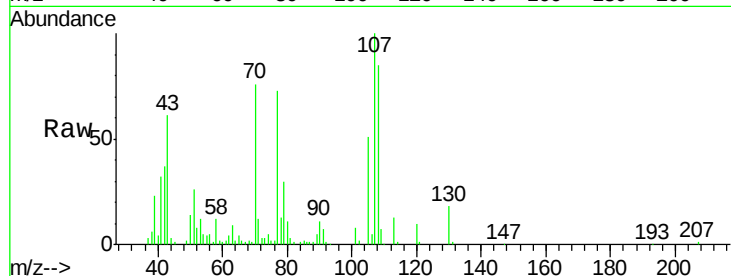
#19
n-Nitroso-di-n-propylamine
Concen: 39.67 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.0	38.6	57.8
101	11.0	8.3	12.5
130	23.7	19.0	28.4

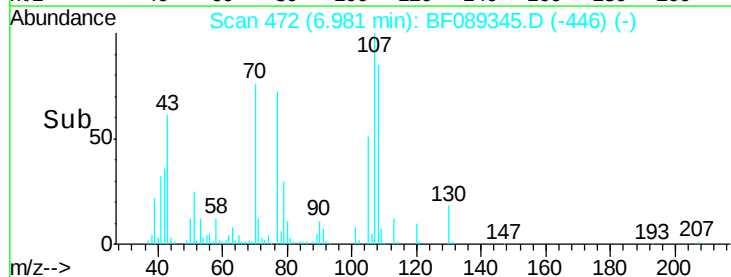
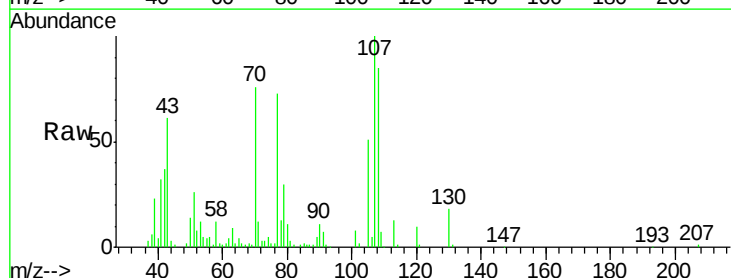
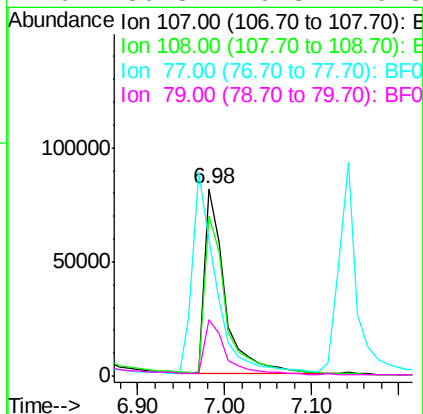
Manual Integrations

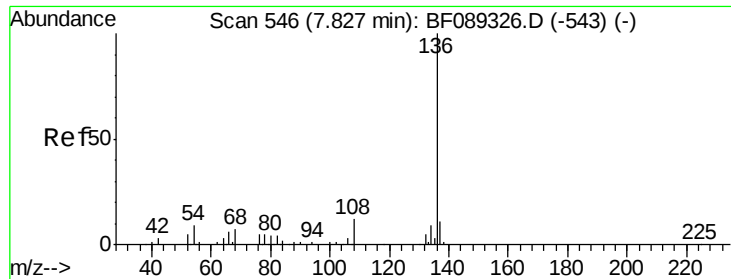
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#20
3+4-Methylphenols
Concen: 38.97 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	63.3	103.3
77	72.7	51.1	91.1
79	30.3	9.3	49.3





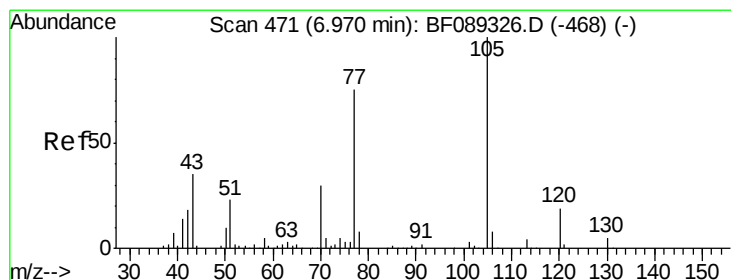
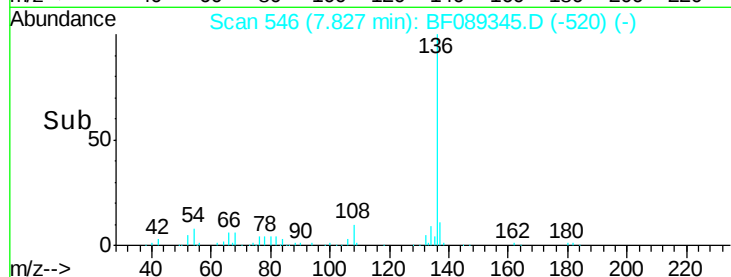
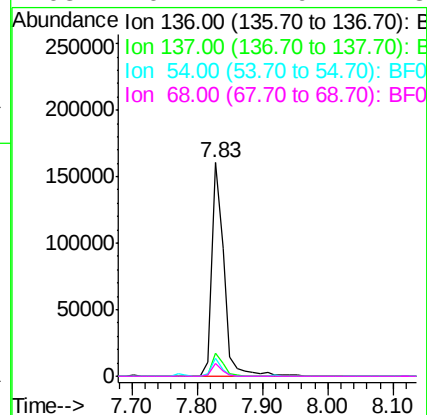
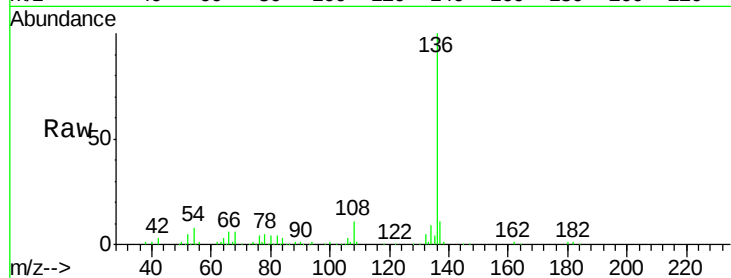
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	208701		
137	10.9	8.6	13.0	
54	8.4	7.0	10.4	
68	6.2	4.9	7.3	

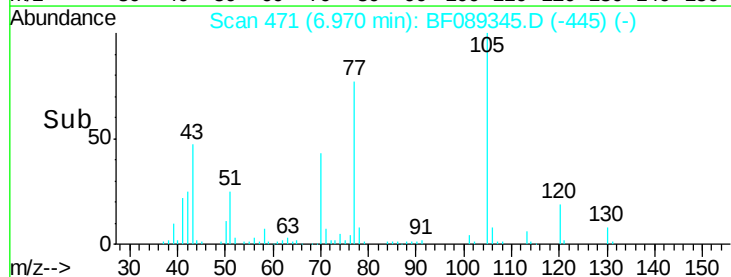
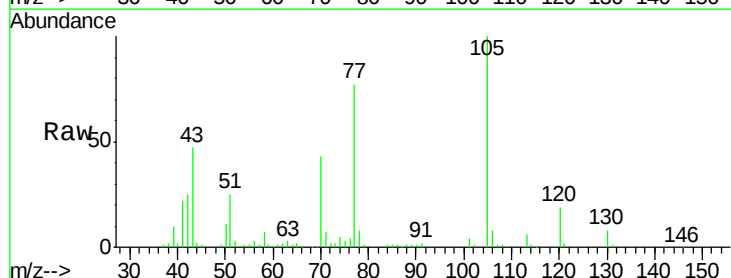
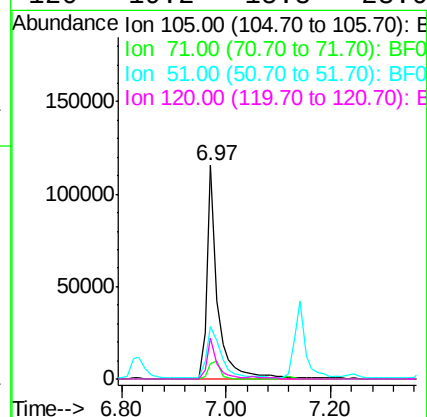
Manual Integrations

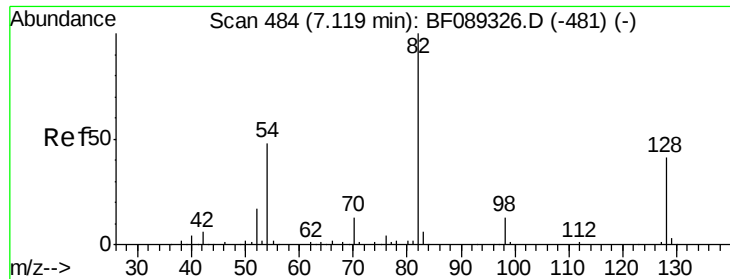
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#22
Acetophenone
Concen: 33.61 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166975		
71	7.2	4.2	6.2#	
51	24.7	18.7	28.1	
120	19.2	15.8	23.6	





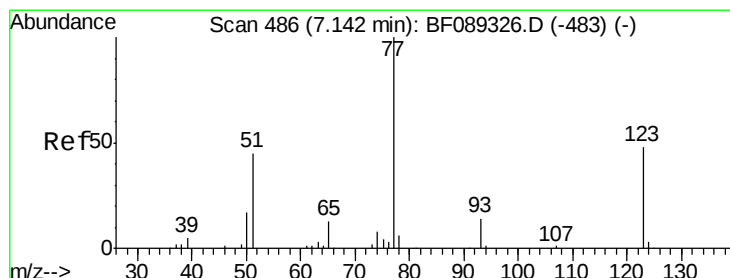
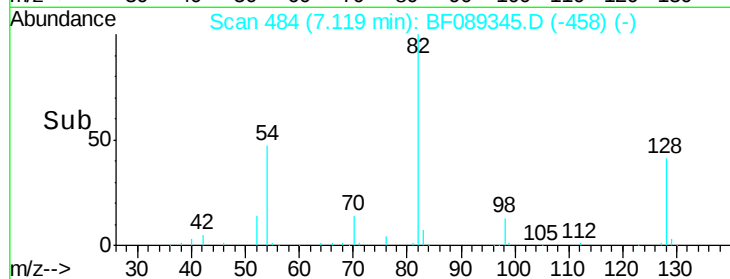
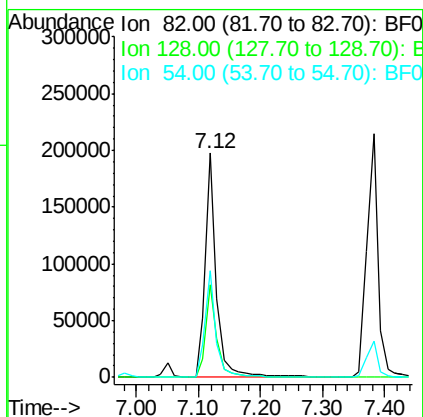
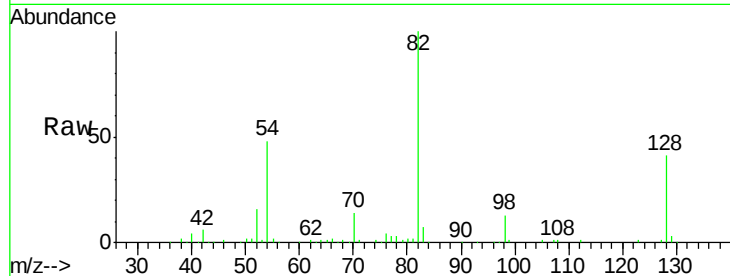
#23
 Nitrobenzene-d5
 Concen: 71.32 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	47.6	38.8	58.2

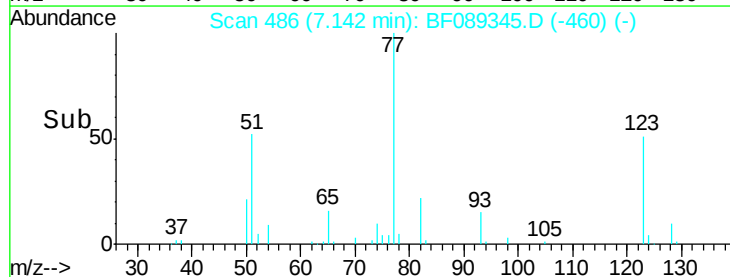
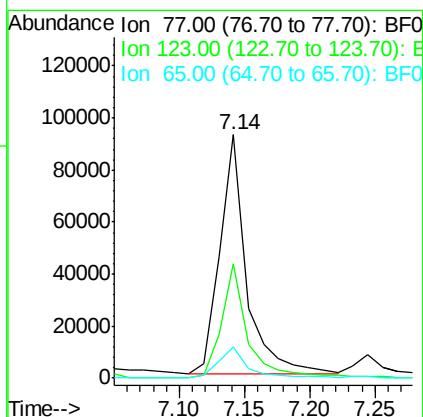
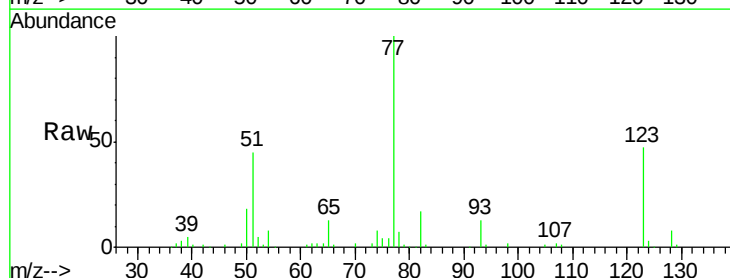
Manual Integrations

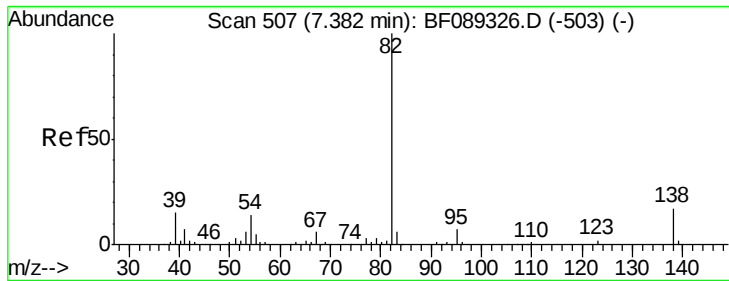
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#24
 Nitrobenzene
 Concen: 32.68 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.2	55.8
65	12.8	10.2	15.4





#25

Isophorone

Concen: 38.40 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF089345.D

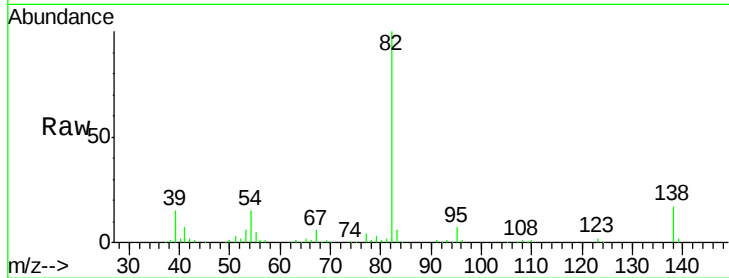
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

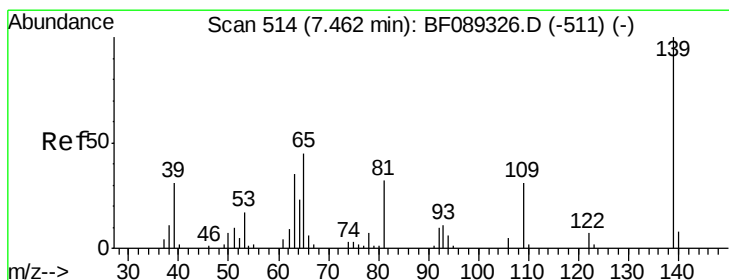
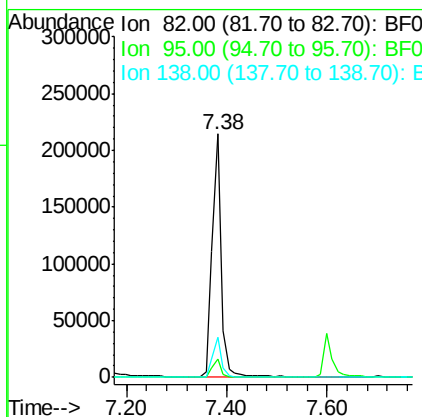
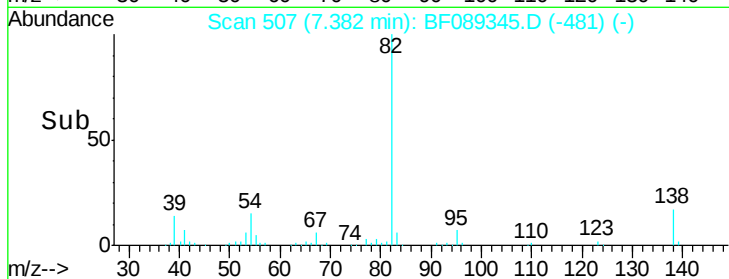


Tgt Ion:	82	Resp:	273473
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.0	9.0
138	16.5	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.95 ng

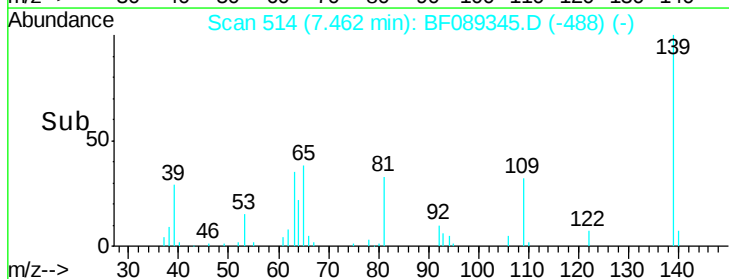
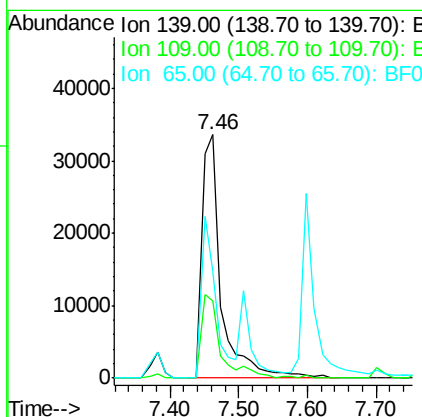
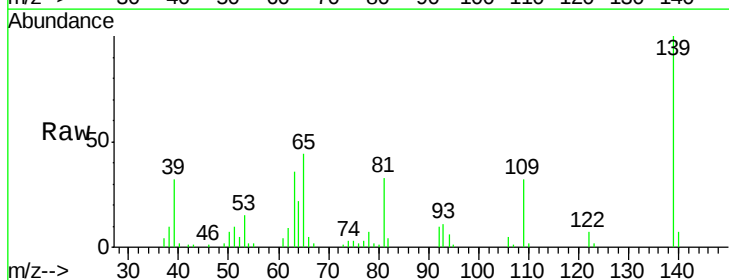
RT: 7.46 min Scan# 514

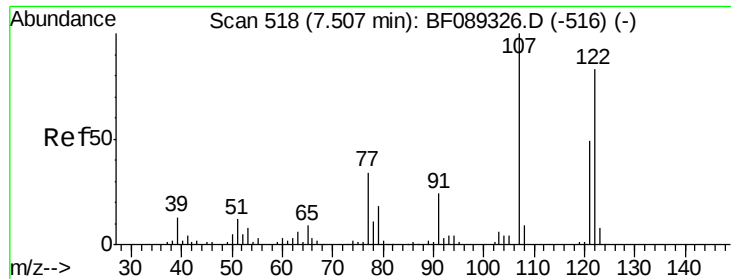
Delta R.T. 0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	139	Resp:	64675
Ion Ratio	Lower	Upper	
139	100		
109	31.6	25.8	38.8
65	43.7	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

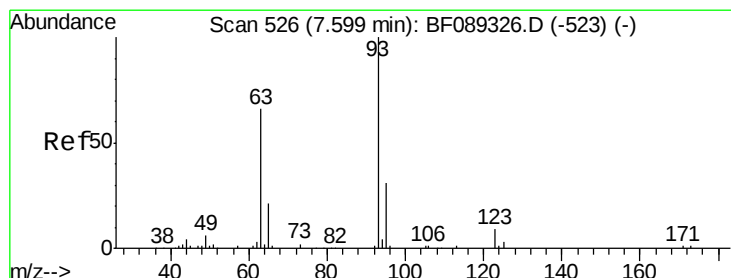
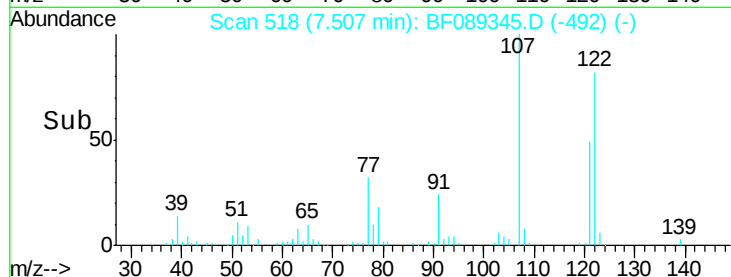
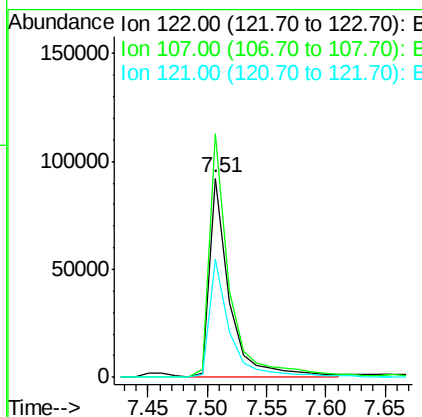
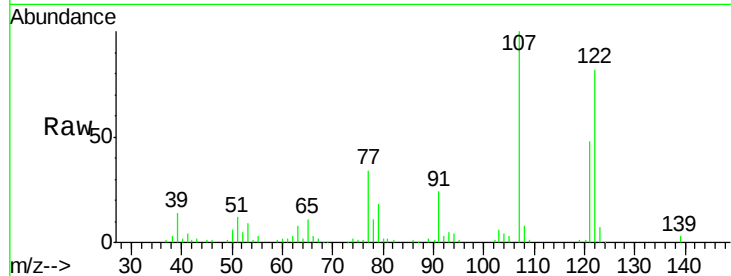
SB-38-14.0-15.0MSD

Tgt Ion:	122	Resp:	107096
Ion Ratio	Lower	Upper	
122	100		
107	122.4	97.2	145.8
121	59.1	48.8	73.2

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 40.58 ng

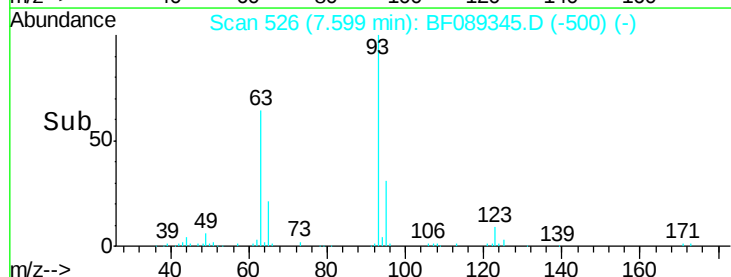
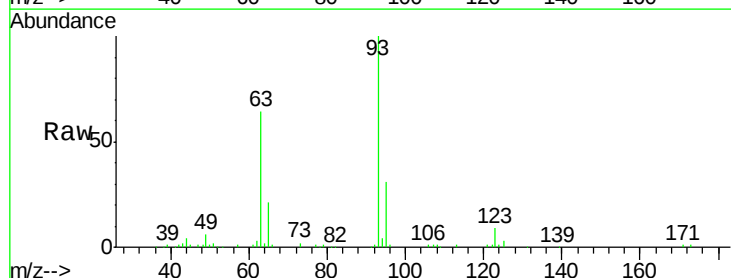
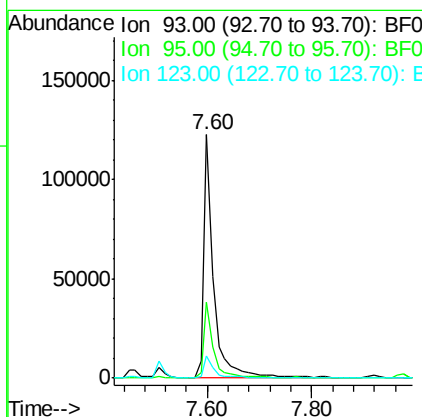
RT: 7.60 min Scan# 526

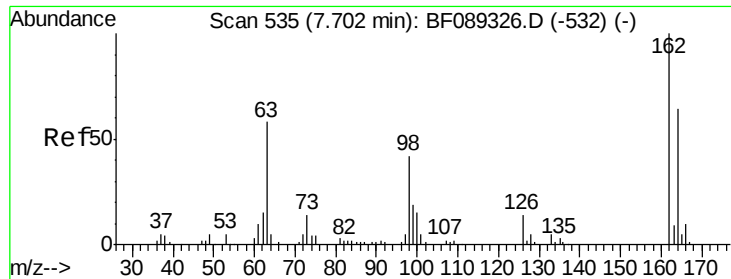
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	93	Resp:	159974
Ion Ratio	Lower	Upper	
93	100		
95	31.4	24.7	37.1
123	9.2	7.5	11.3





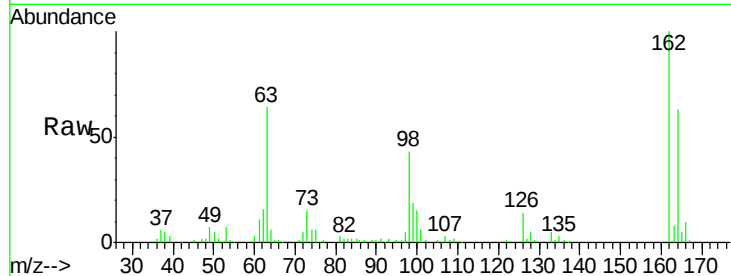
#29
 2,4-Dichlorophenol
 Concen: 41.80 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

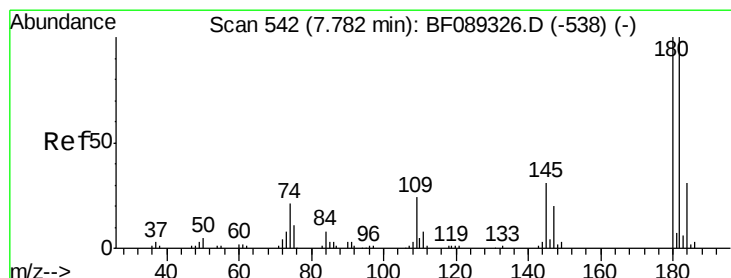
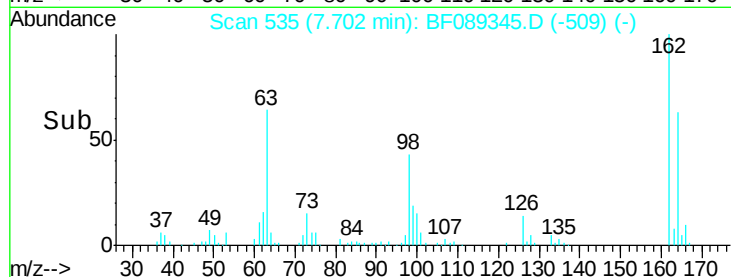
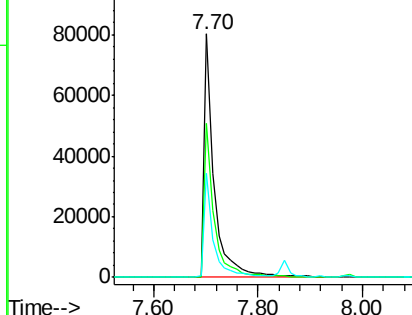
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	109170		
164	63.3	44.0	84.0	
98	42.8	21.8	61.8	

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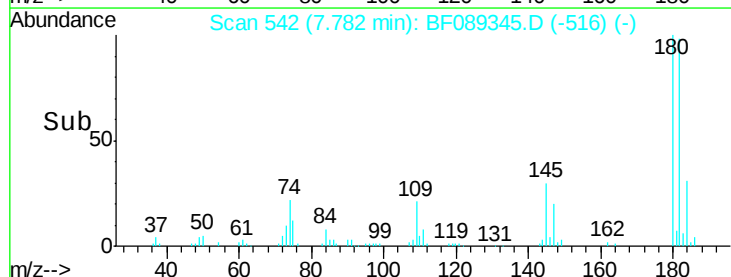
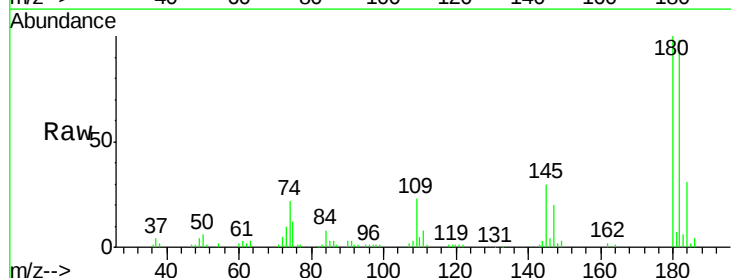
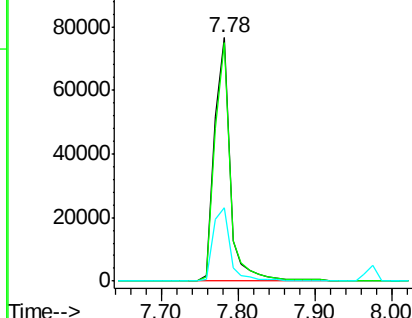
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

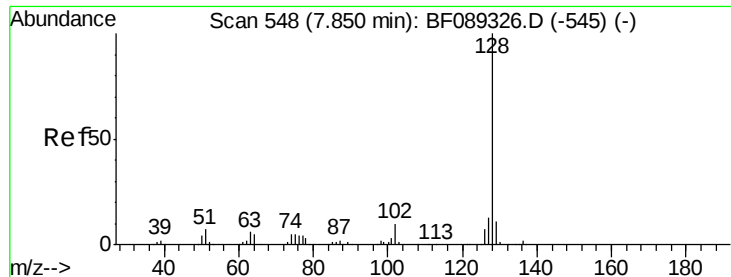


#30
 1,2,4-Trichlorobenzene
 Concen: 36.51 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108785		
182	97.9	78.2	117.2	
145	30.1	24.6	36.8	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

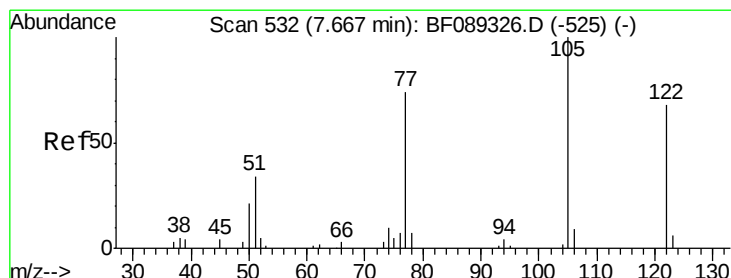
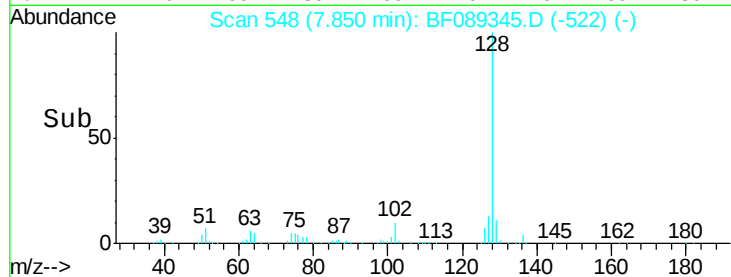
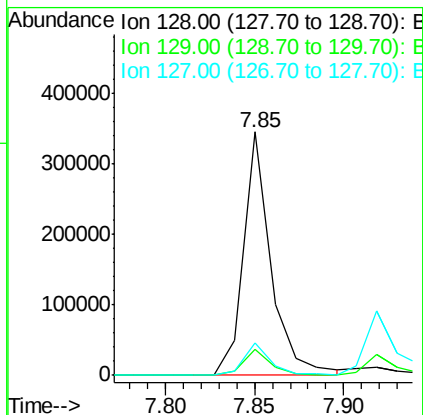
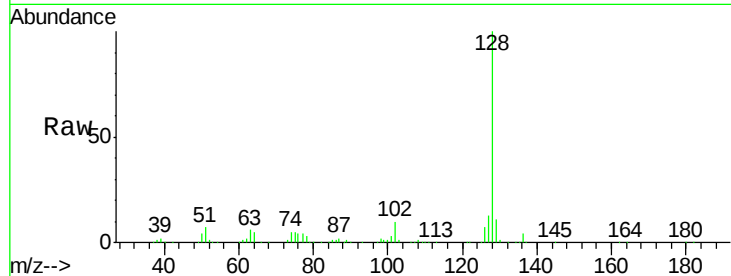
Concen: 35.78 ng m
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.8	16.2

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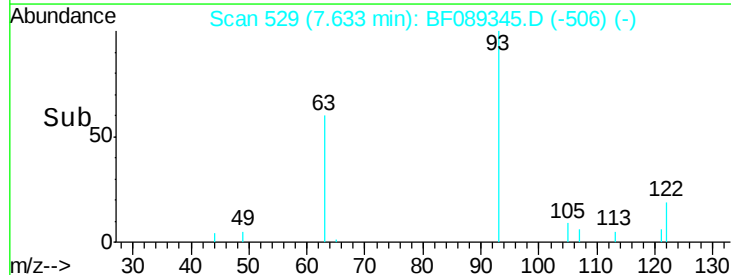
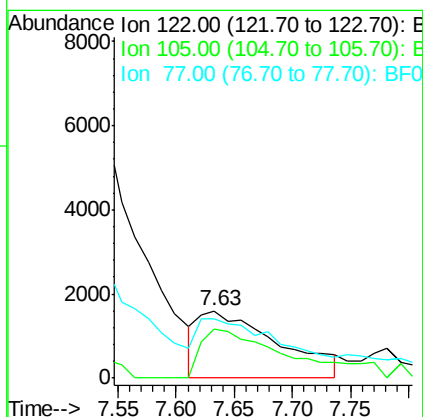
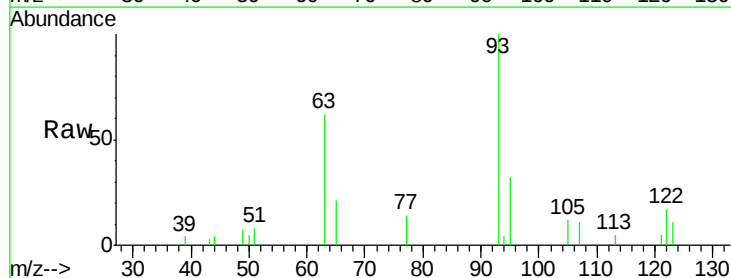


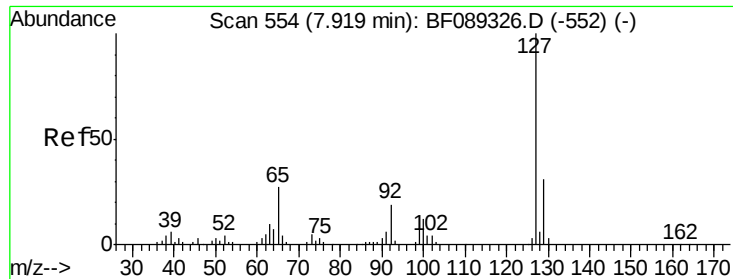
#32

Benzoic acid

Concen: 3.84 ng m
RT: 7.63 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	73.1	106.4	146.4#
77	87.6	76.4	116.4





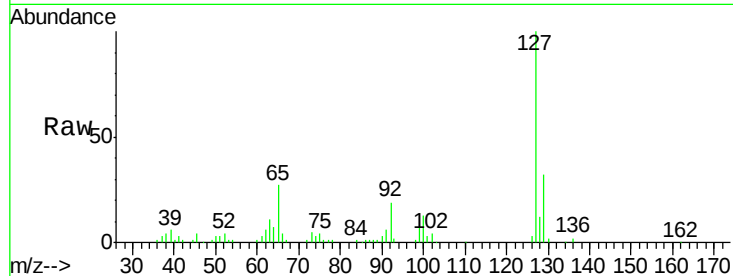
#33
4-Chloroaniline
Concen: 33.43 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

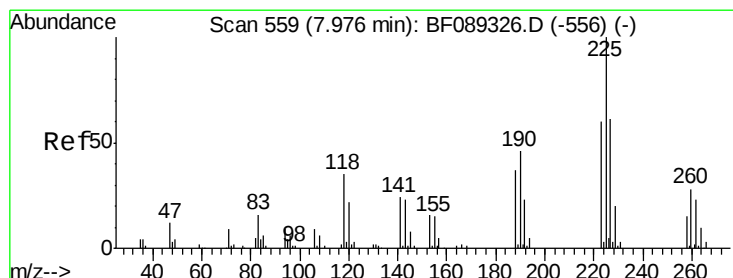
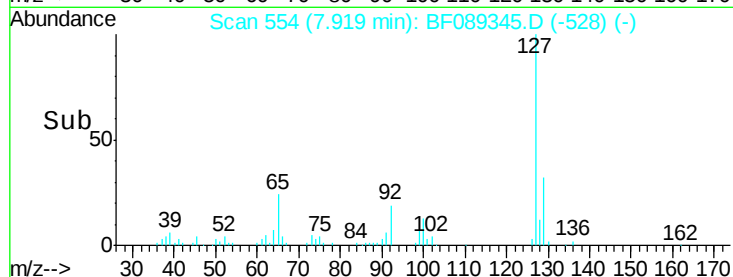
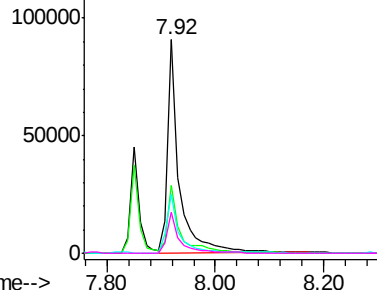
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	131521		
129	32.0	26.1	39.1	
65	27.5	22.0	33.0	
92	19.1	15.2	22.8	

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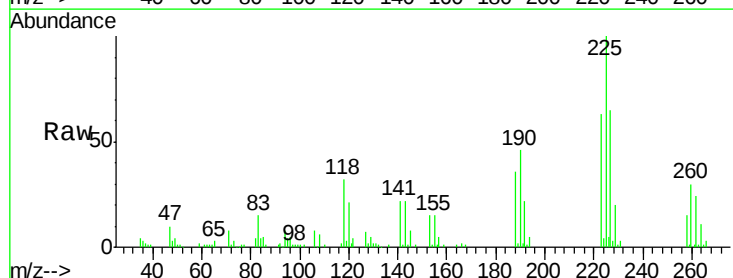


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

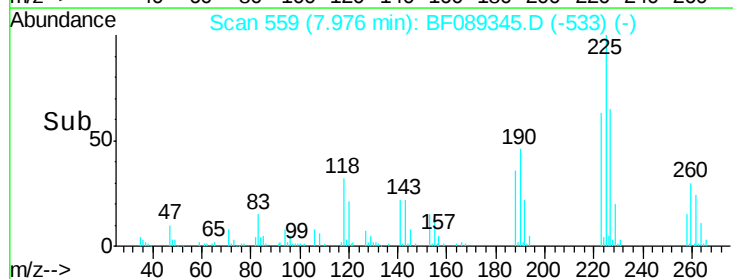
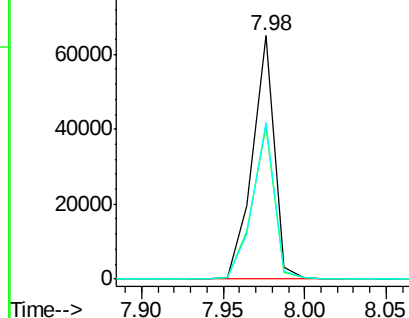


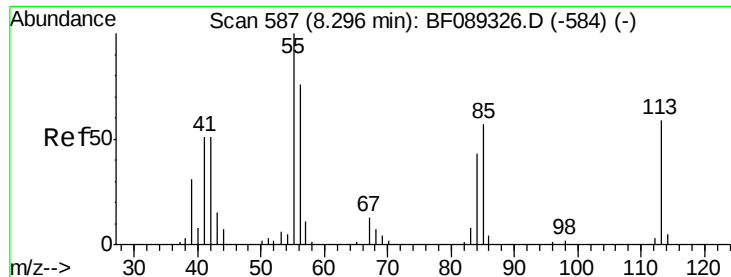
#34
Hexachlorobutadiene
Concen: 35.72 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60958		
223	63.0	49.8	74.8	
227	64.5	49.4	74.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





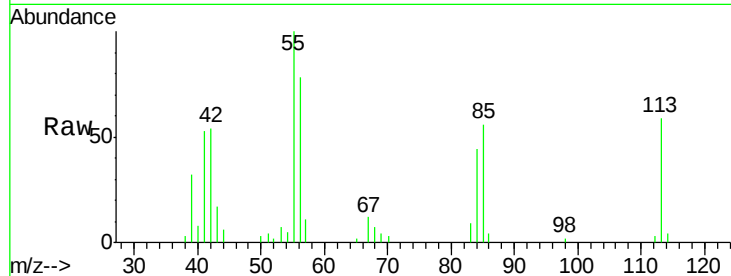
#35
 Caprolactam
 Concen: 37.68 ng m
 RT: 8.28 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

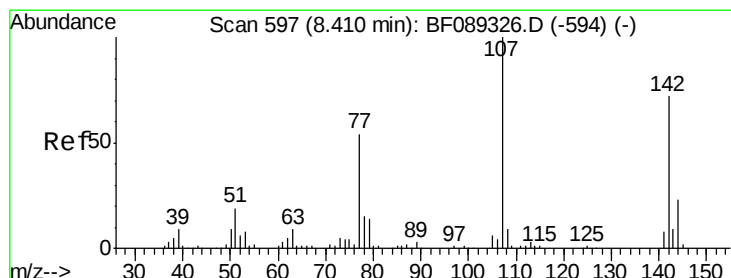
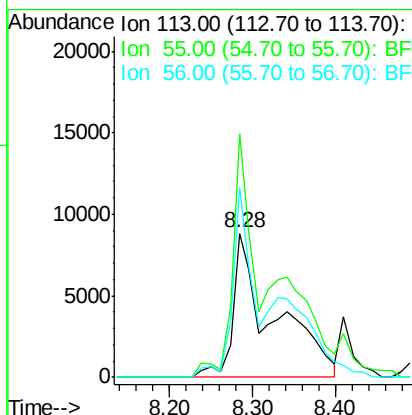
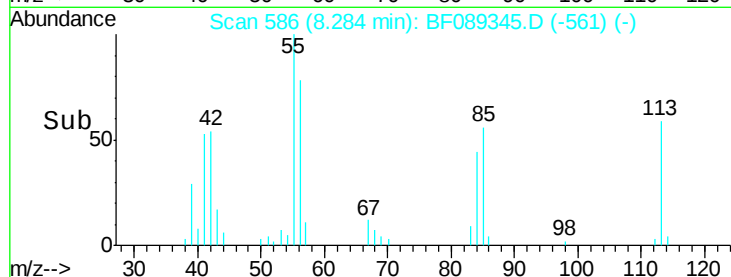
Tgt Ion:113 Resp: 29699
 Ion Ratio Lower Upper
 113 100
 55 169.4 142.3 182.3
 56 131.7 105.8 145.8

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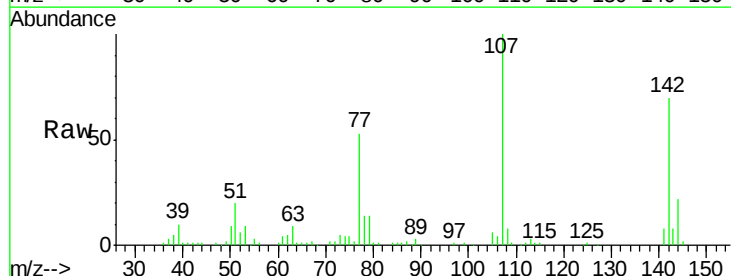


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

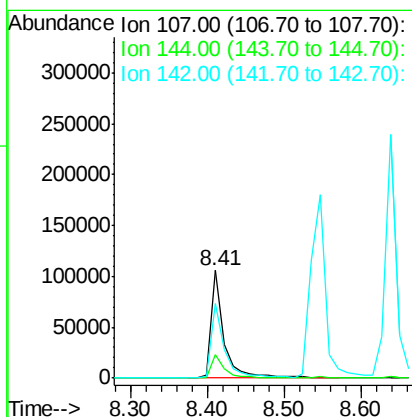
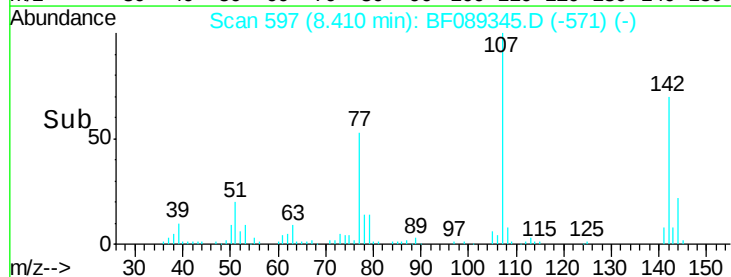


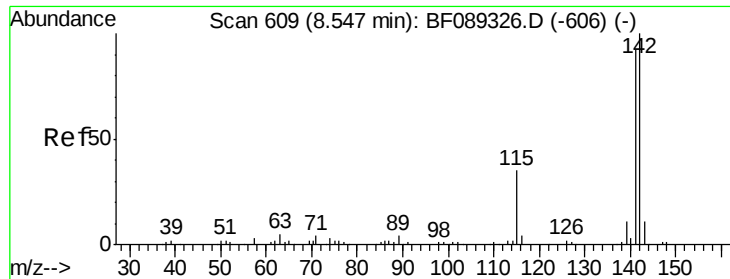
#36
 4-Chloro-3-methylphenol
 Concen: 39.70 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion:107 Resp: 123226
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.4 27.6
 142 70.0 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





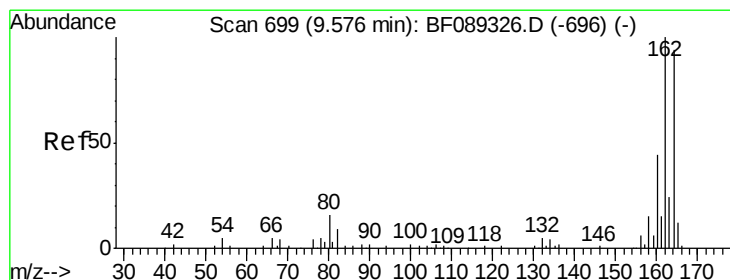
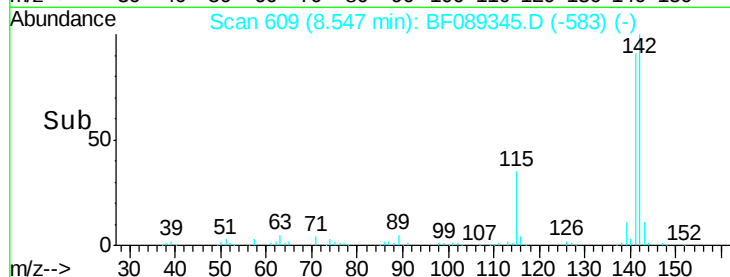
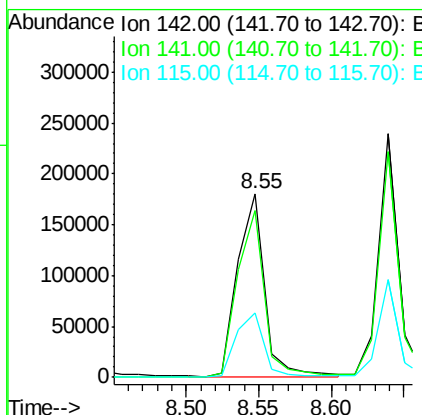
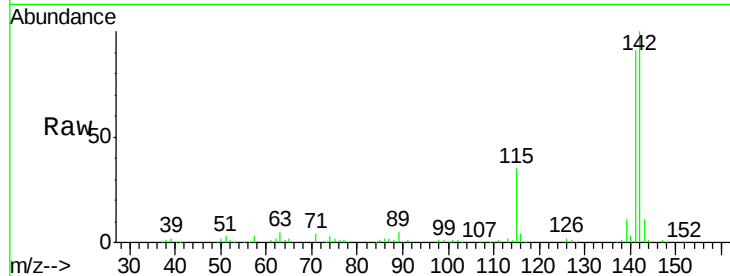
#37
 2-Methylnaphthalene
 Concen: 38.05 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion:142 Resp: 236920
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.9 106.3
 115 34.8 27.6 41.4

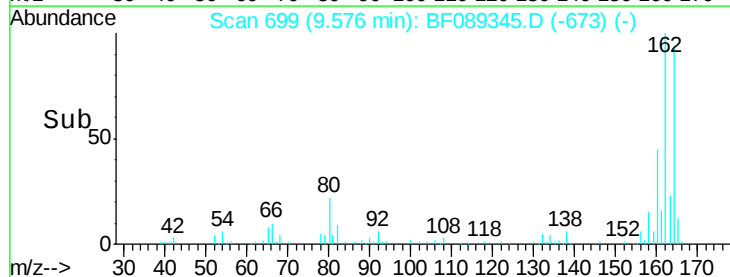
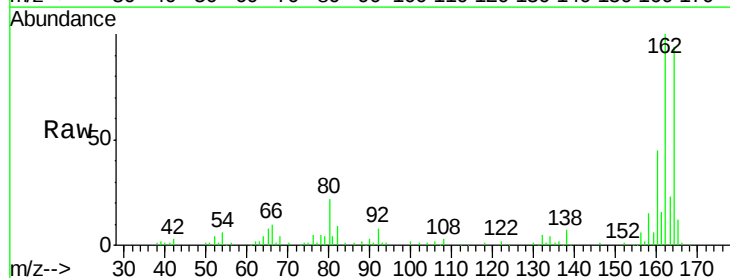
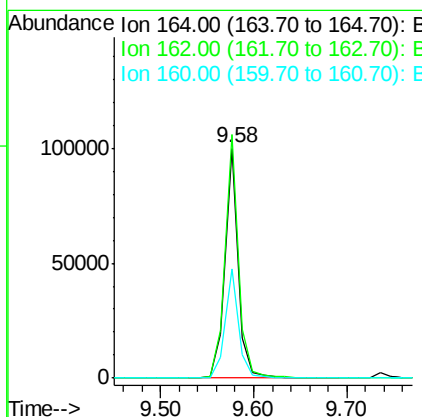
Manual Integrations

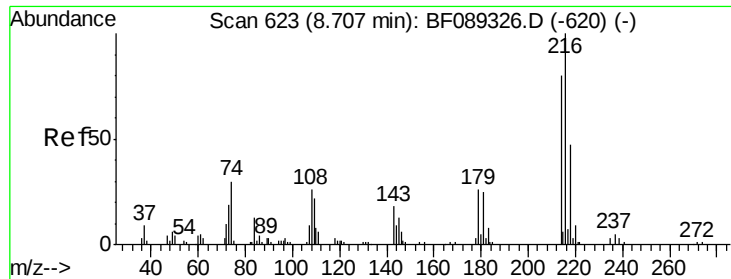
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion:164 Resp: 98396
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.7 125.5
 160 47.8 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.94 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF089345.D

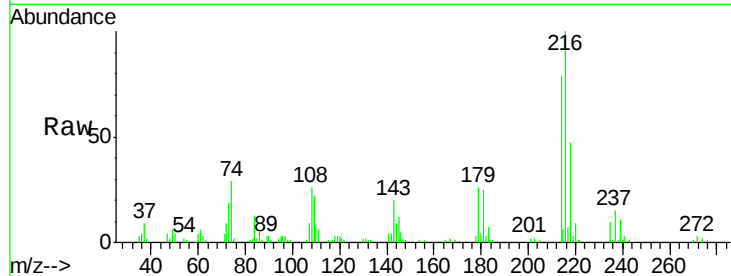
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

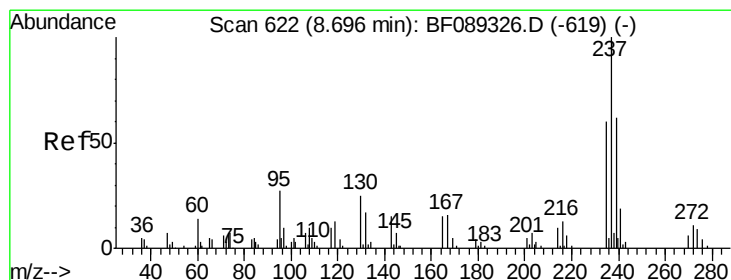
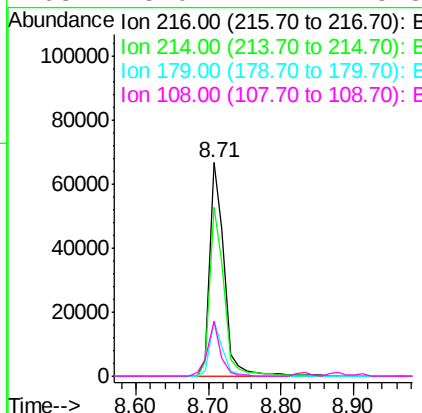
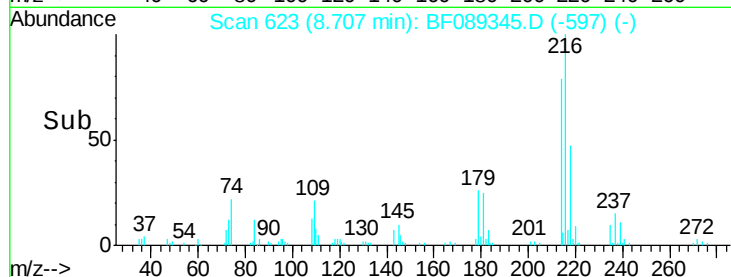


Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.3	94.9
179	22.7	18.1	27.1
108	23.0	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 73.27 ng

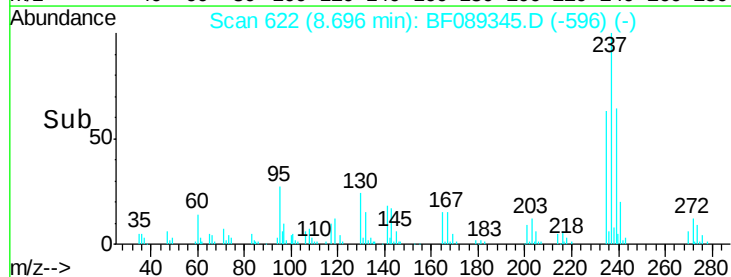
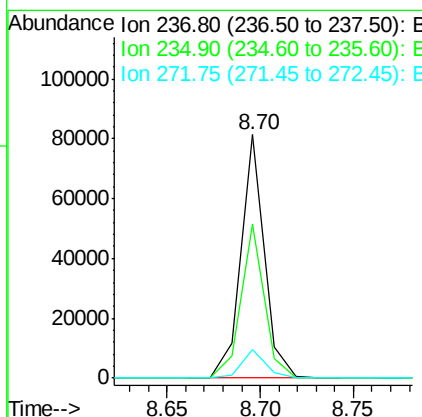
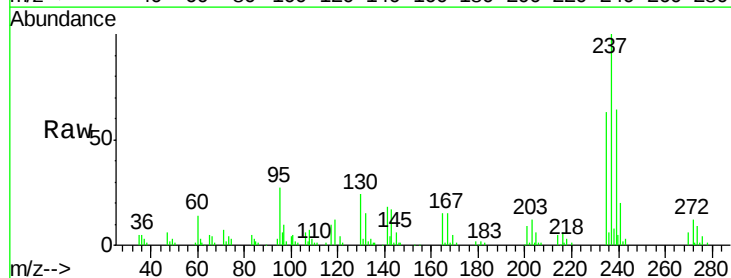
RT: 8.70 min Scan# 622

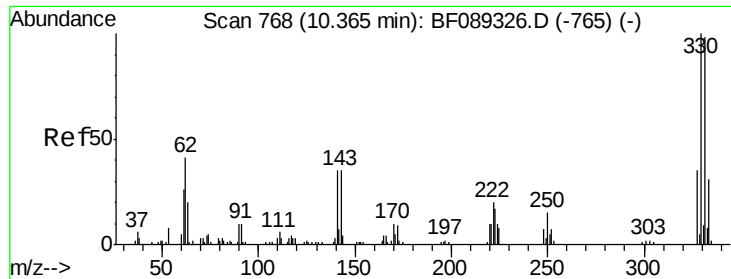
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

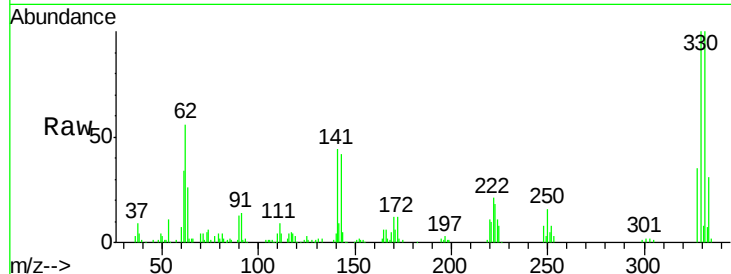
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.6	81.6
272	11.6	0.0	30.8





#41
 2,4,6-Tribromophenol
 Concen: 103.66 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

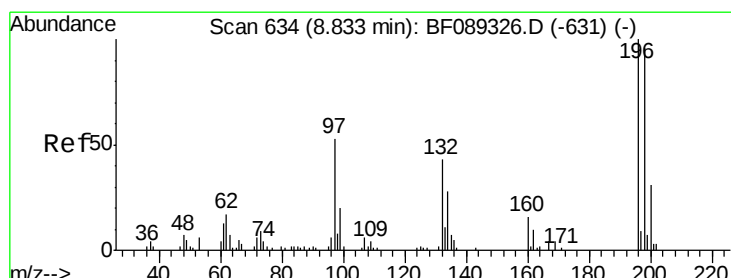
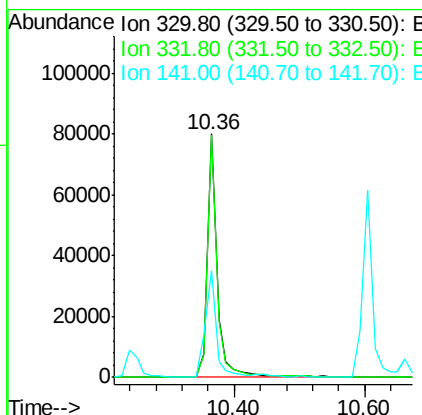
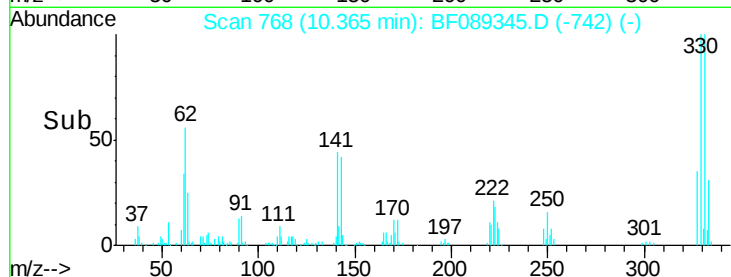
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD



Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	51.3	37.3	55.9

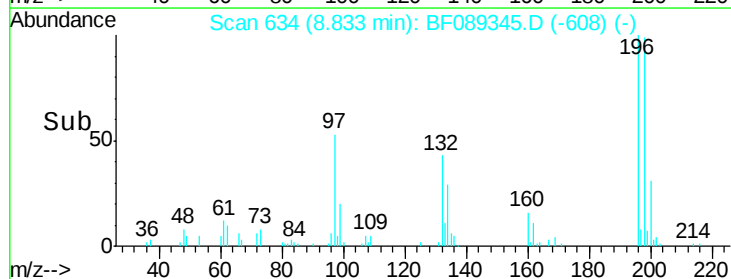
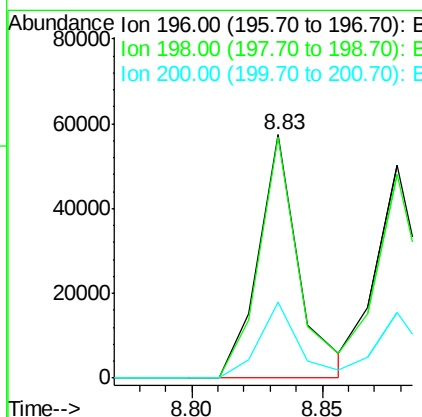
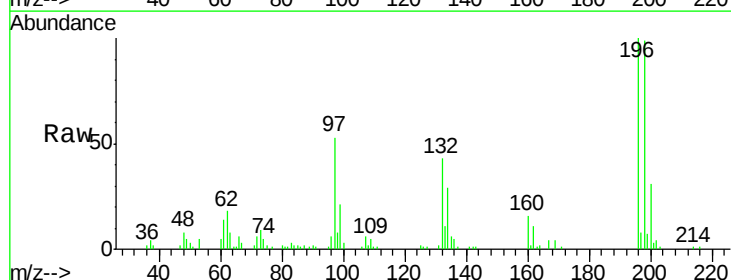
Manual Integrations

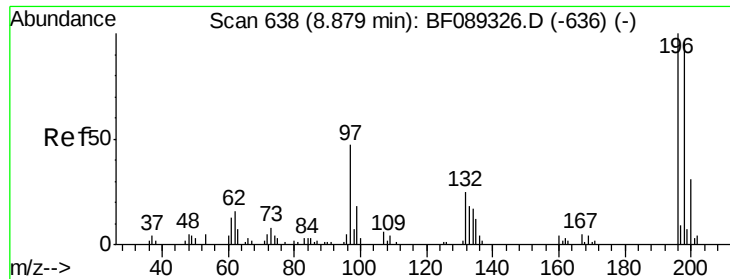
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#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

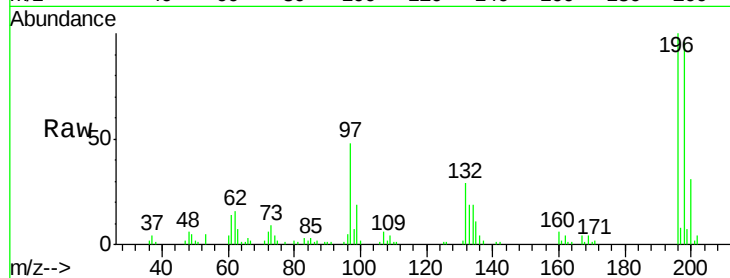
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.5	113.3
200	31.3	23.9	35.9





#43
 2,4,5-Trichlorophenol
 Concen: 36.88 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

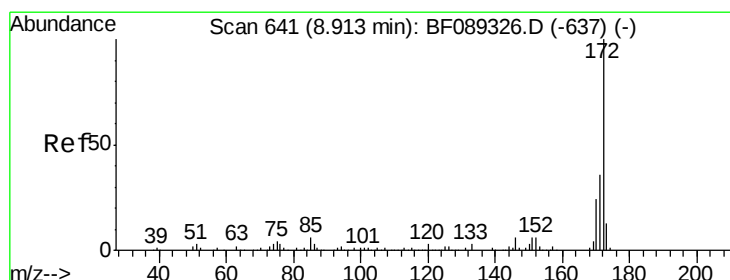
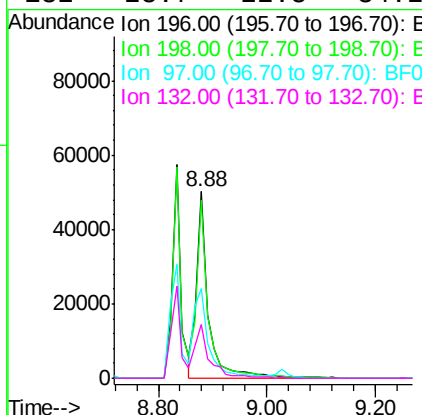
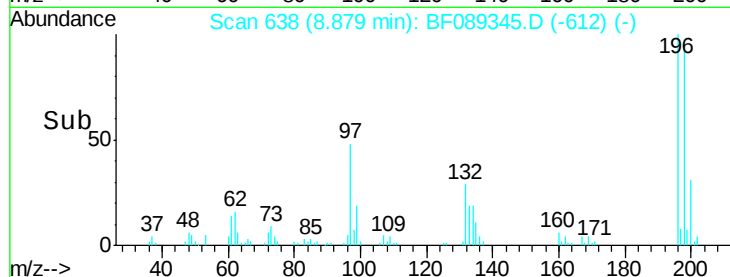
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD



Tgt Ion	Resp	Lower	Upper
196	100		
198	95.7	78.7	118.1
97	48.3	39.7	59.5
132	28.7	22.8	34.2

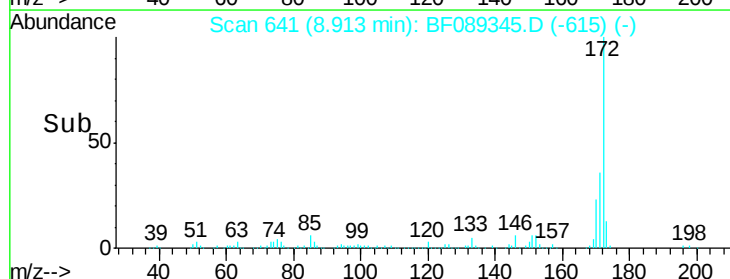
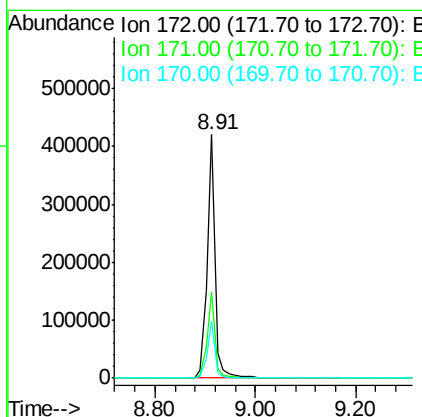
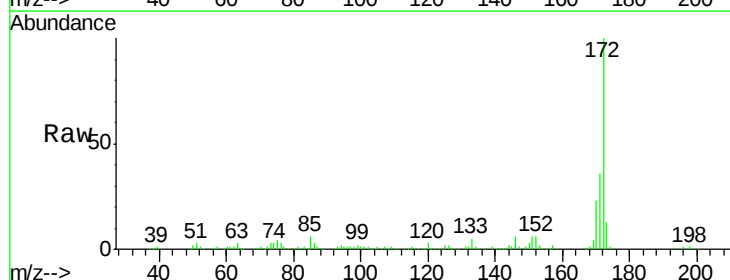
Manual Integrations

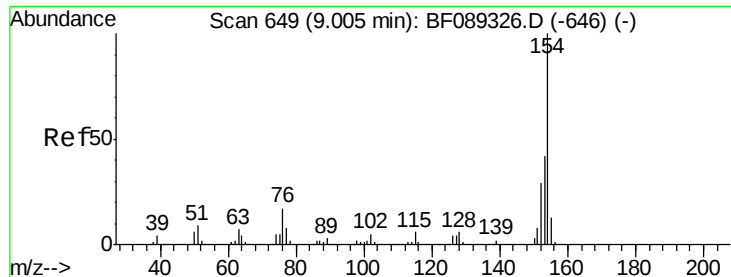
sohil
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#44
 2-Fluorobiphenyl
 Concen: 69.17 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.1	19.2	28.8





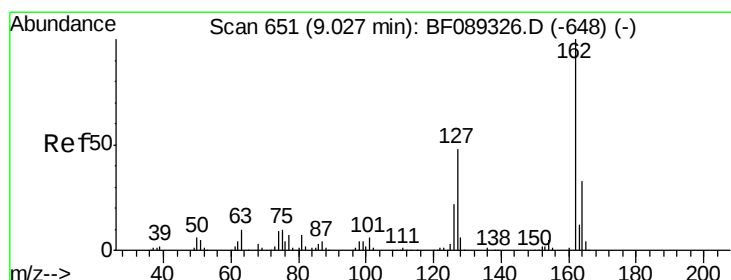
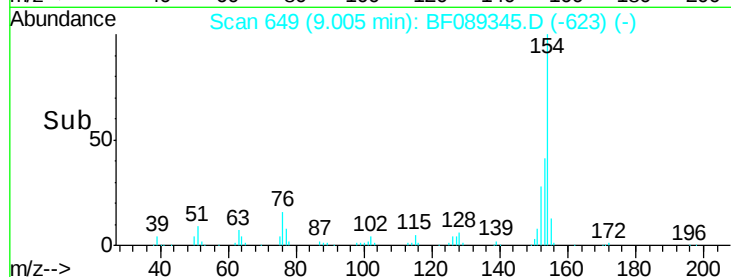
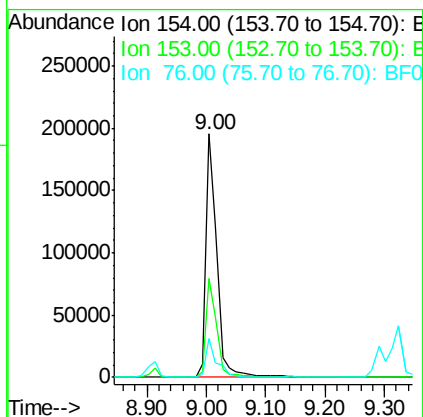
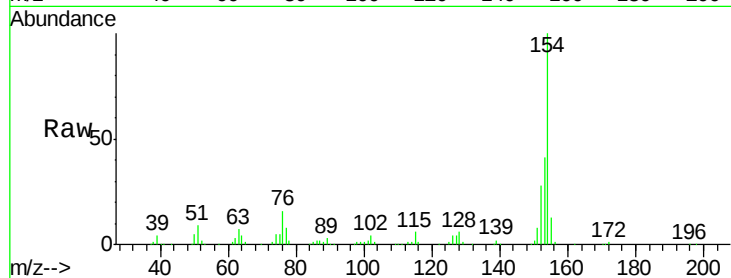
#45
 1,1'-Biphenyl
 Concen: 30.27 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	253570		
153	40.7	21.0	61.0	
76	16.1	0.0	36.6	

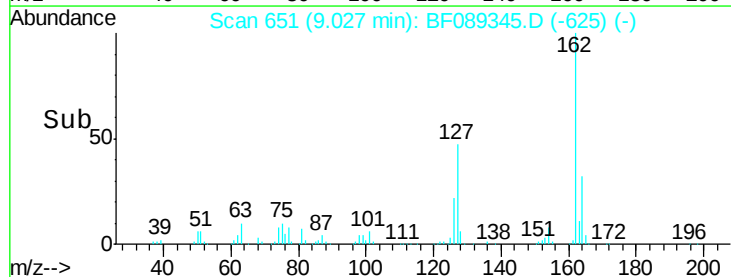
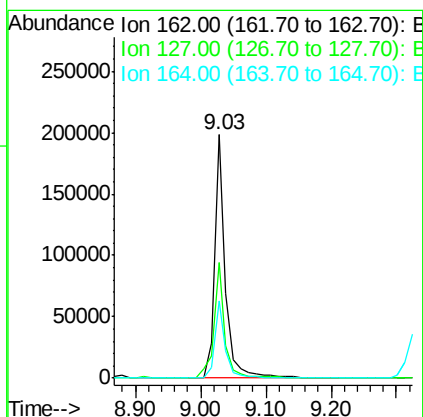
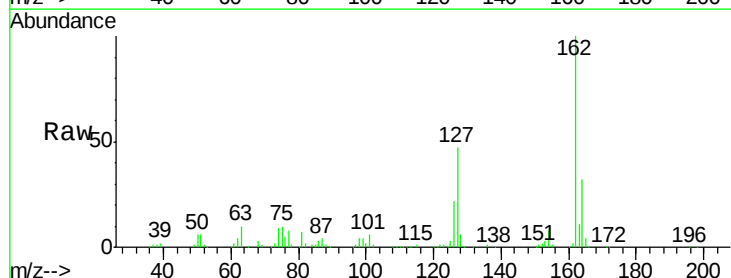
Manual Integrations

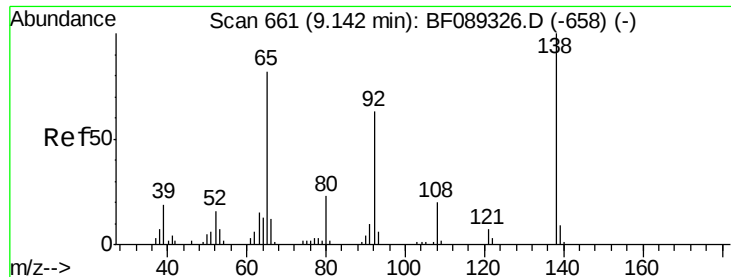
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#46
 2-Chloronaphthalene
 Concen: 36.77 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	231351		
127	47.3	37.8	56.8	
164	32.0	25.8	38.8	





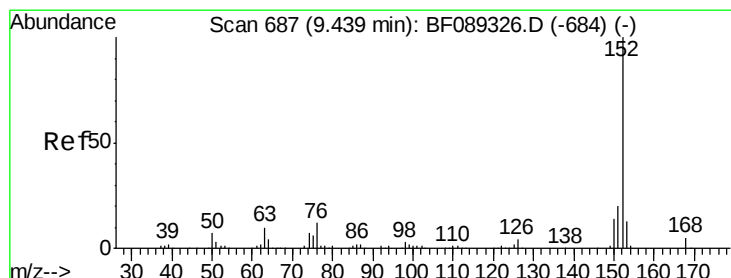
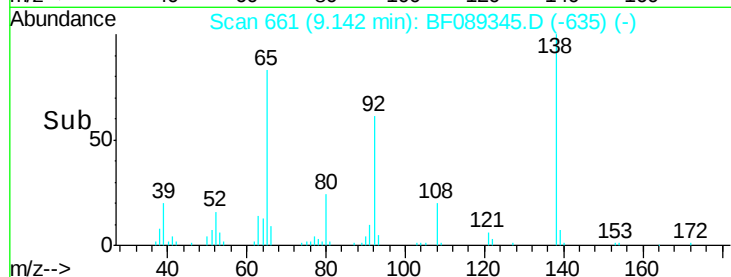
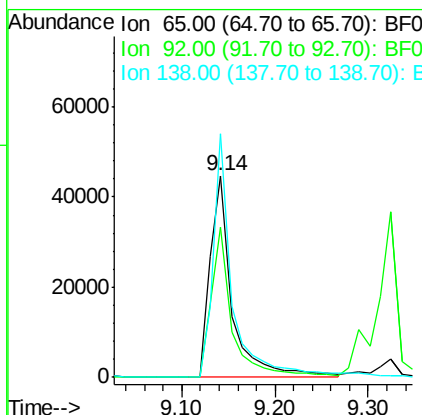
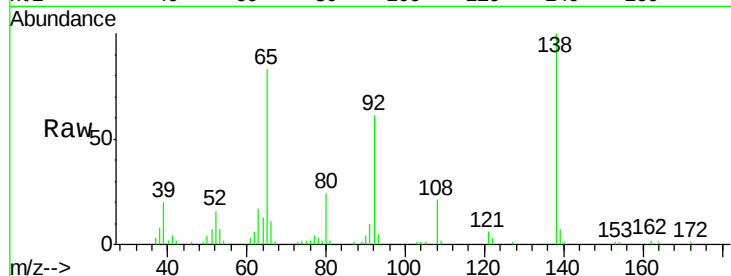
#47
 2-Nitroaniline
 Concen: 39.48 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	61.0	91.4
138	120.8	99.1	148.7

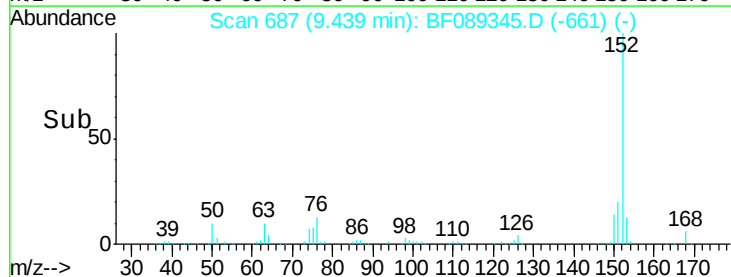
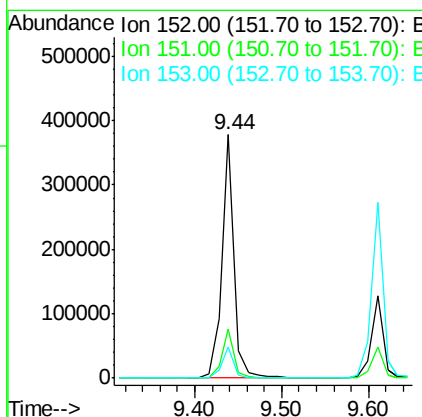
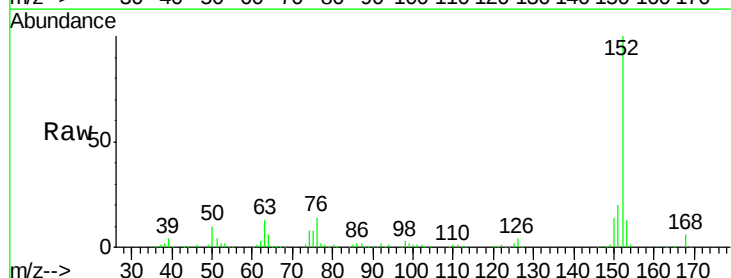
Manual Integrations

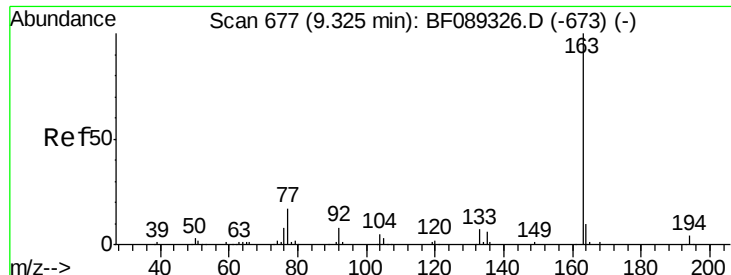
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#48
 Acenaphthylene
 Concen: 37.57 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.0	10.2	15.4





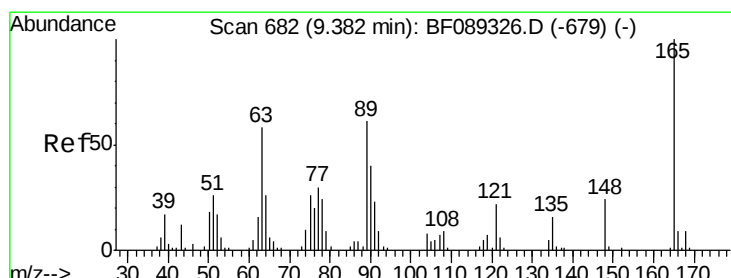
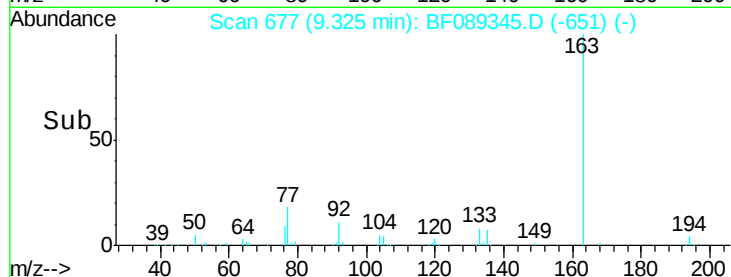
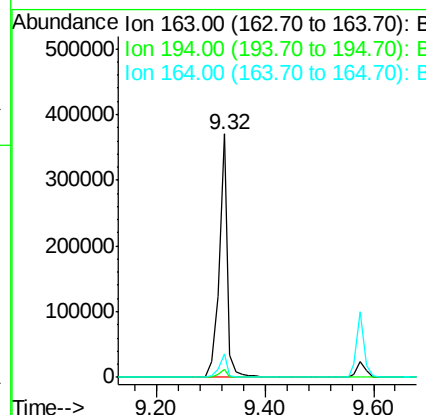
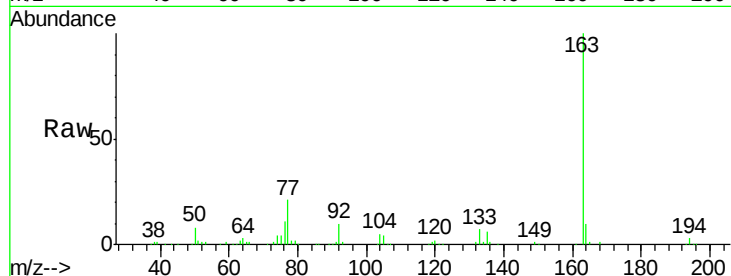
#49
Dimethylphthalate
Concen: 52.99 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	396819		
194	3.4	2.8	4.2	
164	9.8	7.8	11.8	

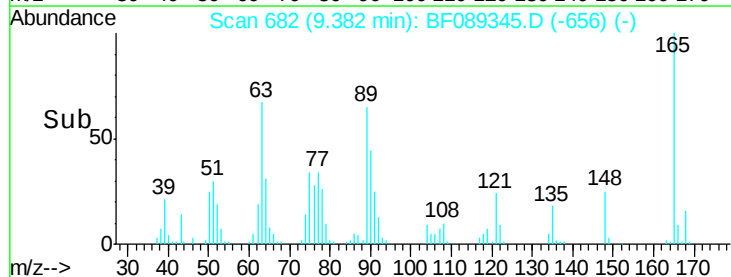
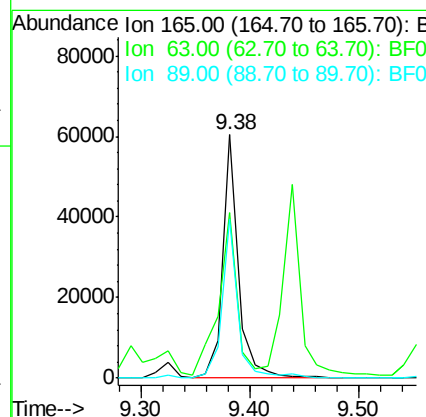
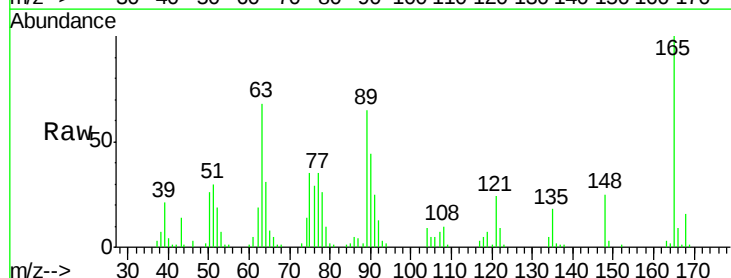
Manual Integrations

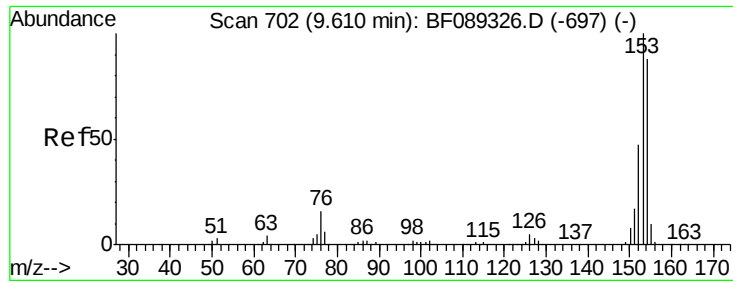
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#50
2,6-Dinitrotoluene
Concen: 40.15 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61782		
63	68.1	43.5	65.3#	
89	65.2	45.0	67.4	





#51

Acenaphthene

Concen: 38.49 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF089345.D

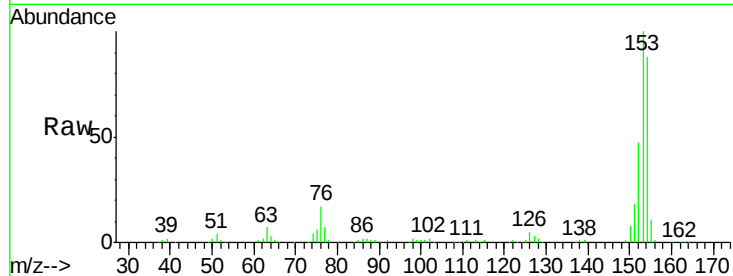
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

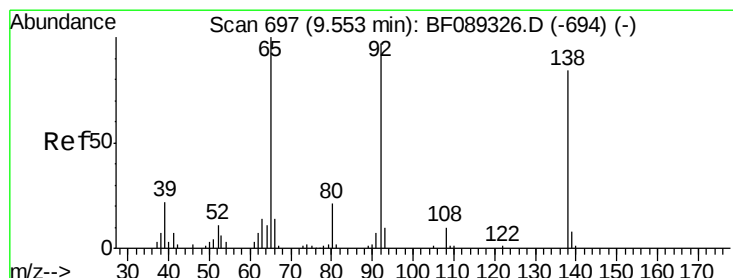
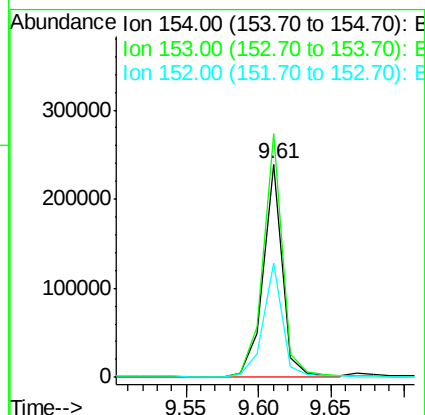
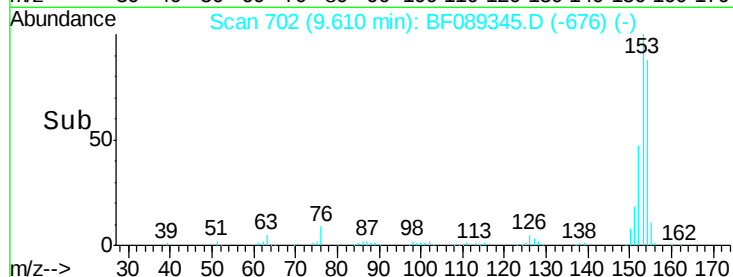


Tgt Ion:	154	Resp:	222758
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.4	137.2
152	53.8	43.8	65.6

Manual Integrations

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#52

3-Nitroaniline

Concen: 36.79 ng

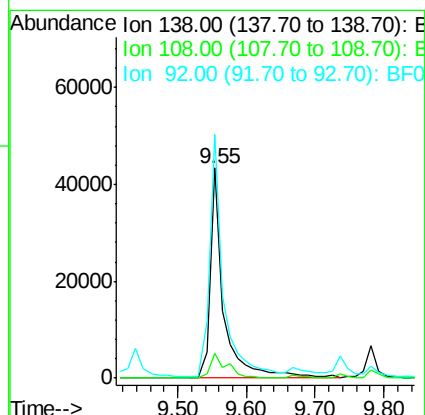
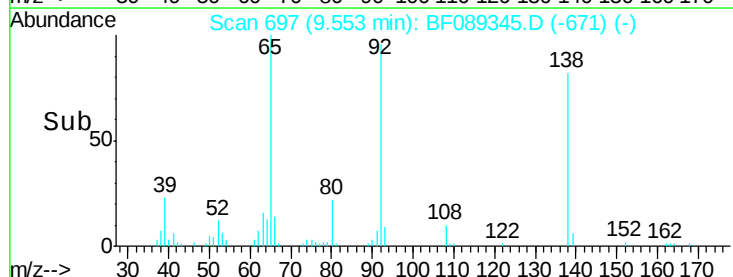
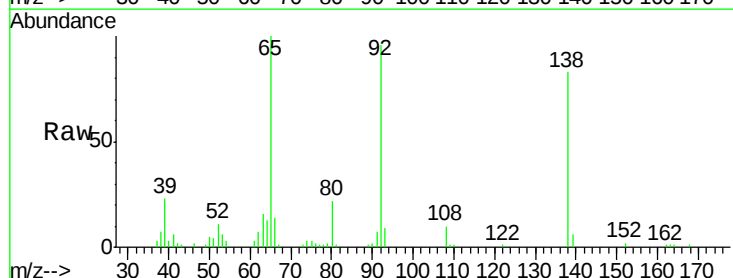
RT: 9.55 min Scan# 697

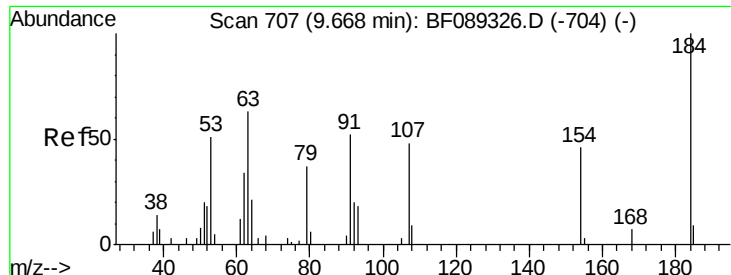
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

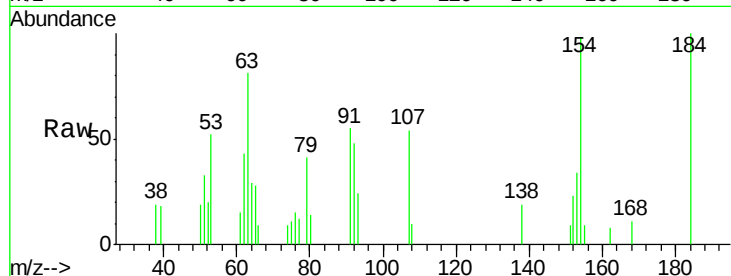
Tgt Ion:	138	Resp:	59739
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.6	13.0
92	115.9	90.0	135.0





#53
 2,4-Dinitrophenol
 Concen: 23.44 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

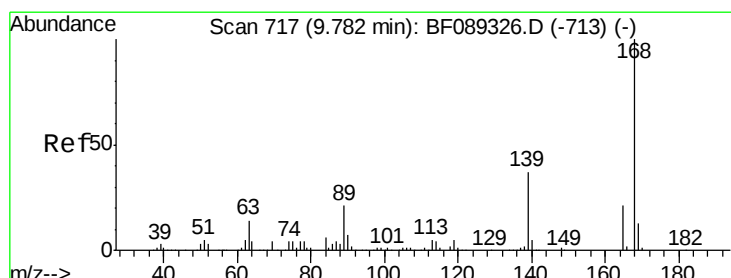
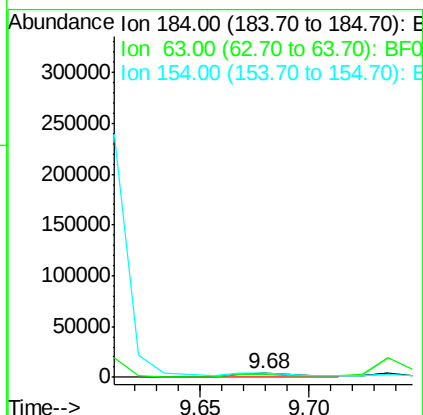
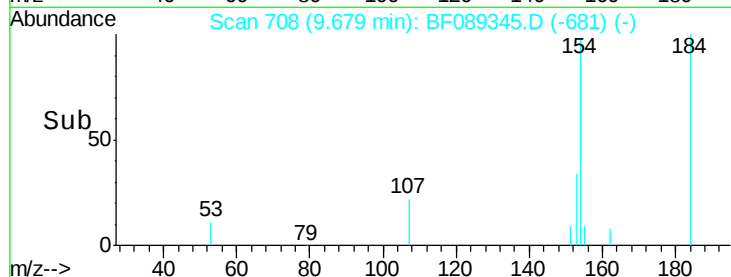
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD



Tgt Ion:184 Resp: 9286
 Ion Ratio Lower Upper
 184 100
 63 81.3 60.6 90.8
 154 98.1 69.8 104.8

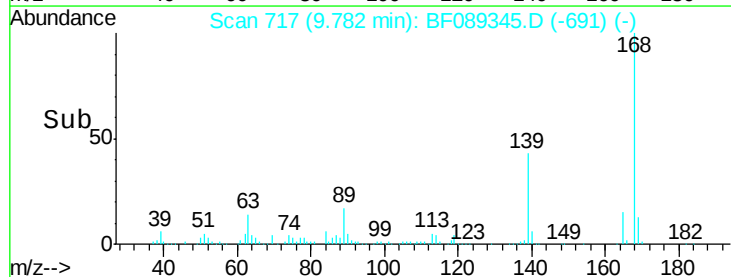
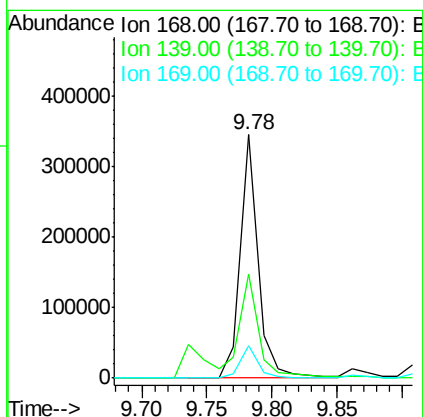
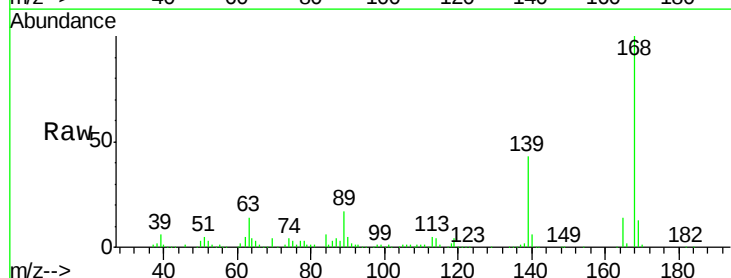
Manual Integrations

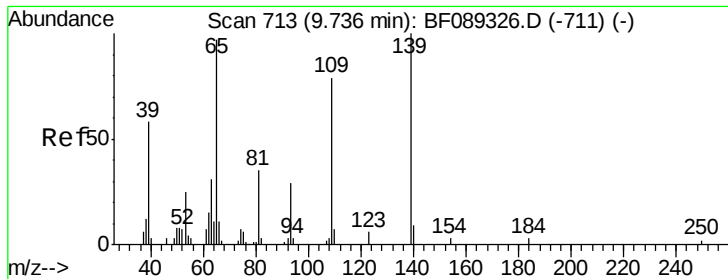
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#54
 Dibenzofuran
 Concen: 41.77 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion:168 Resp: 329425
 Ion Ratio Lower Upper
 168 100
 139 42.8 33.7 50.5
 169 13.3 10.7 16.1





#55

4-Nitrophenol

Concen: 75.84 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089345.D

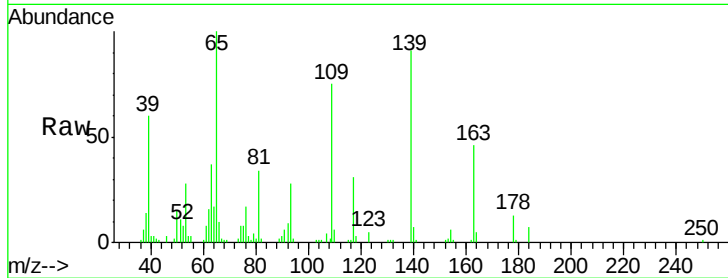
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

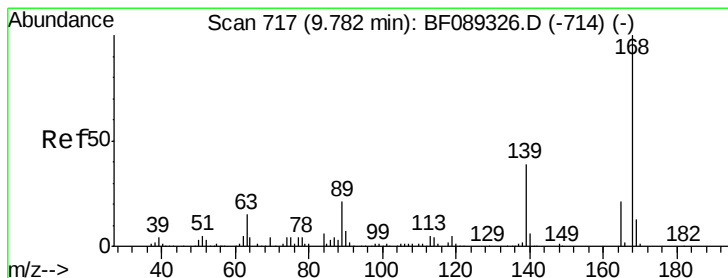
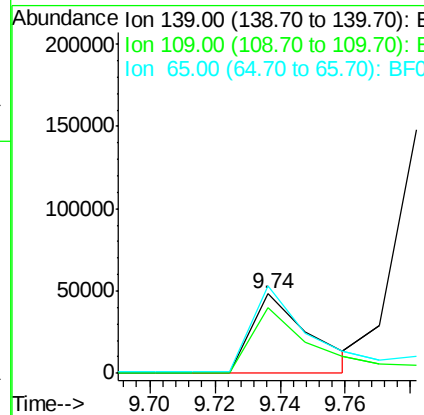
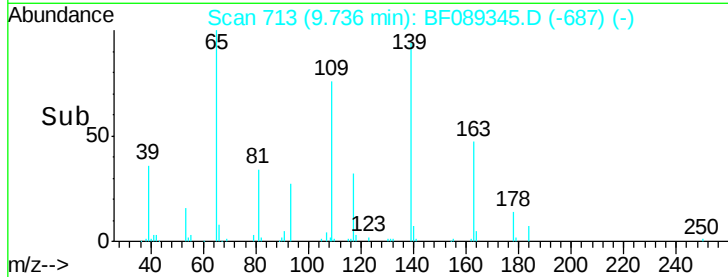


Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.4	57.8	97.8
65	110.1	81.7	121.7

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 38.22 ng

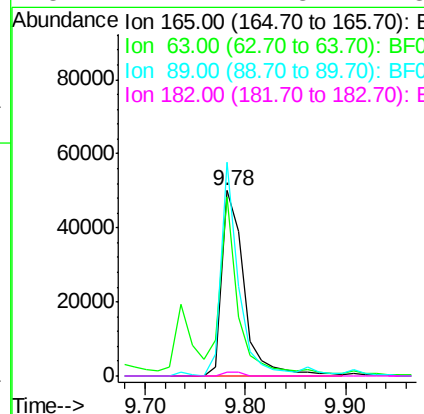
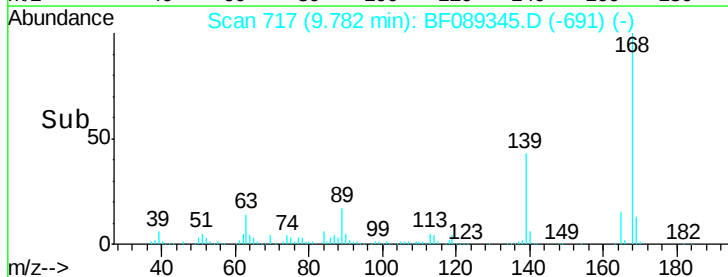
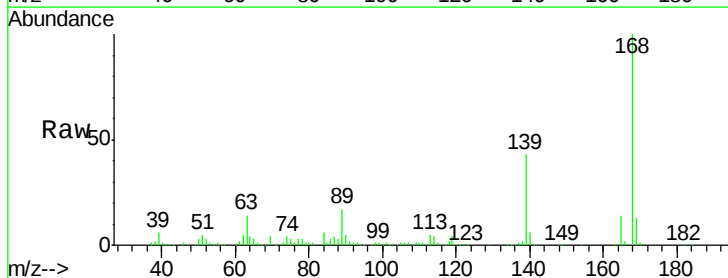
RT: 9.78 min Scan# 717

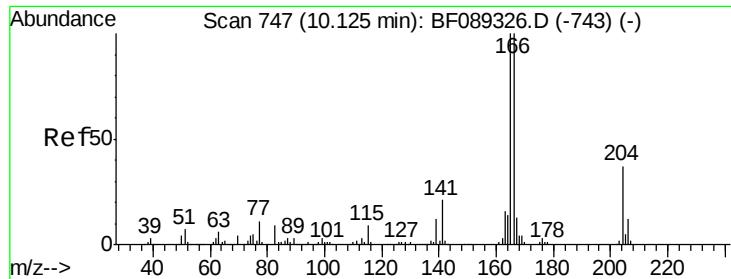
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	96.4	58.2	87.2#
89	115.3	79.1	118.7
182	2.2	1.8	2.8





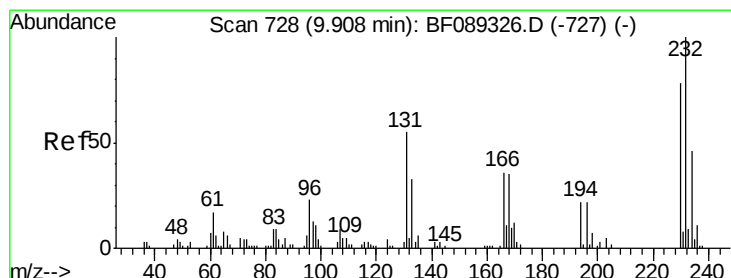
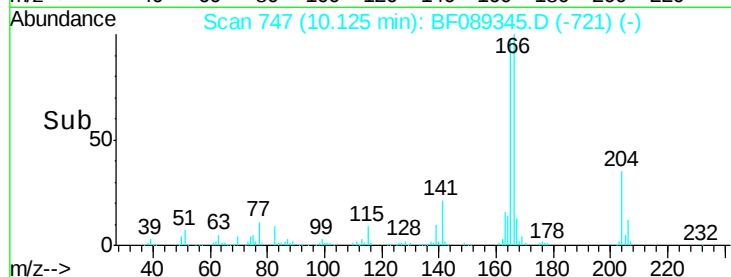
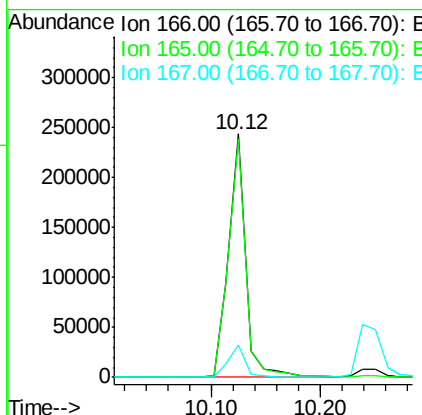
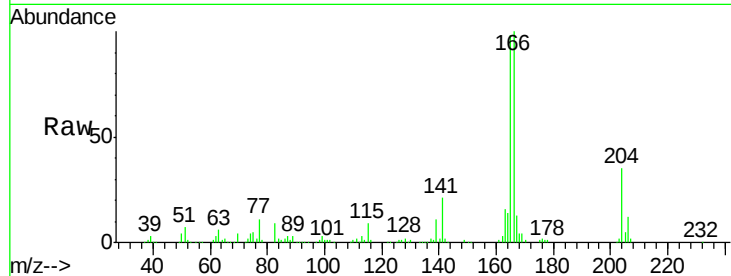
#57
Fluorene
 Concen: 38.69 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion:166 Resp: 266374
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.4
 167 13.2 10.2 15.2

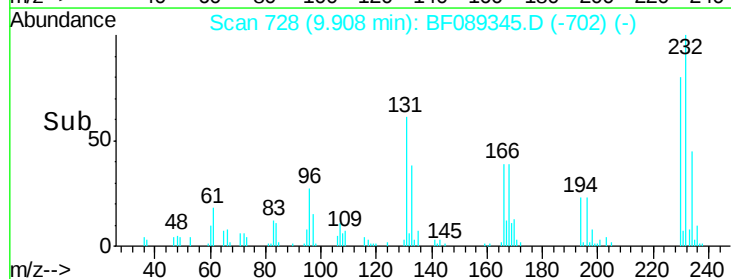
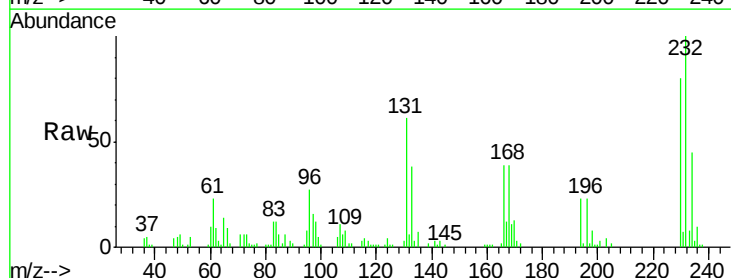
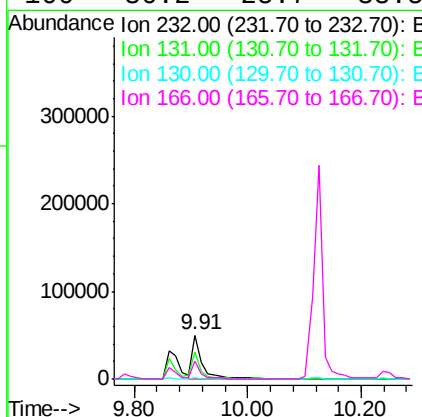
Manual Integrations

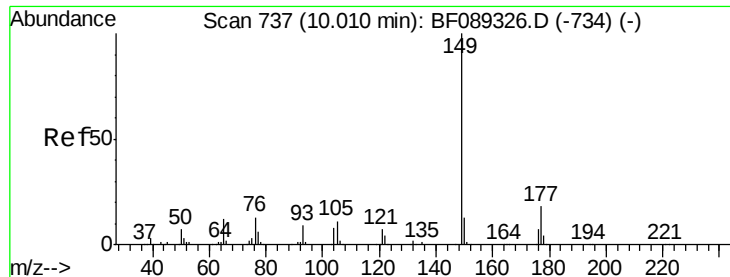
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.74 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion:232 Resp: 61945
 Ion Ratio Lower Upper
 232 100
 131 52.2 42.7 64.1
 130 2.3 1.7 2.5
 166 36.2 25.7 38.5





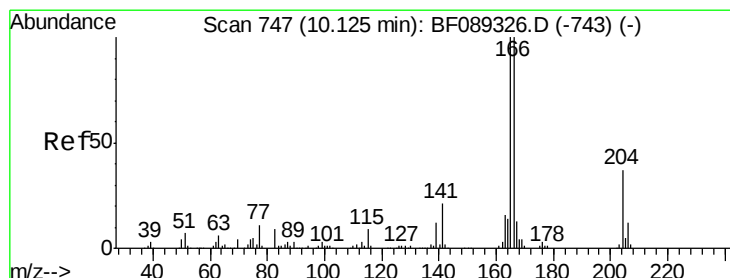
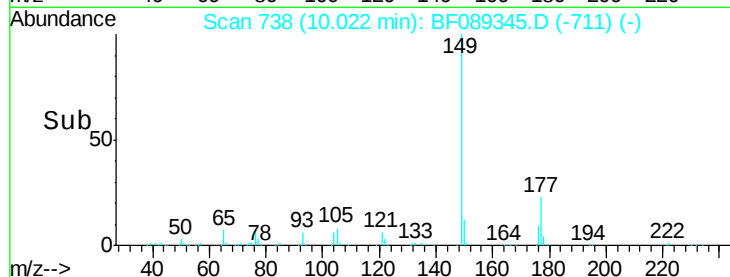
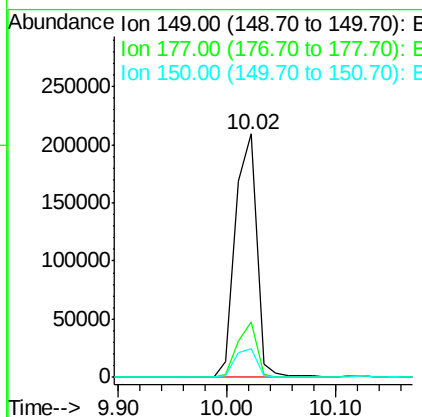
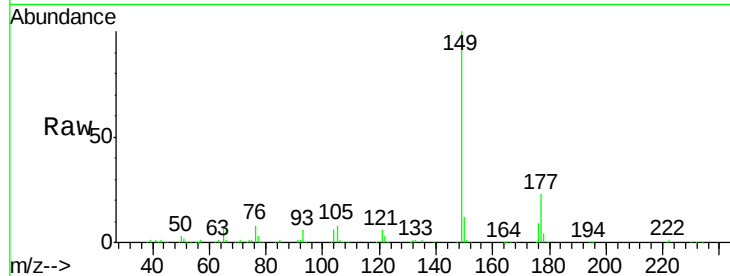
#59
Diethylphthalate
Concen: 37.27 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion:149 Resp: 282958
Ion Ratio Lower Upper
149 100
177 22.9 15.1 22.7#
150 11.9 10.2 15.4

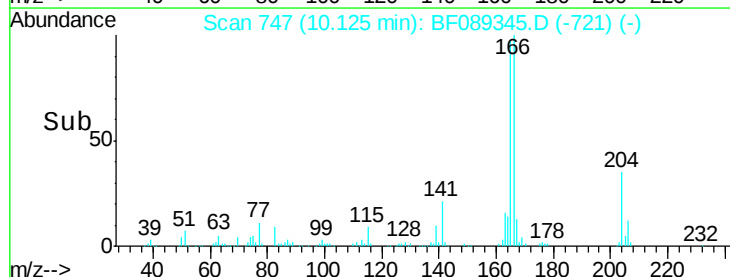
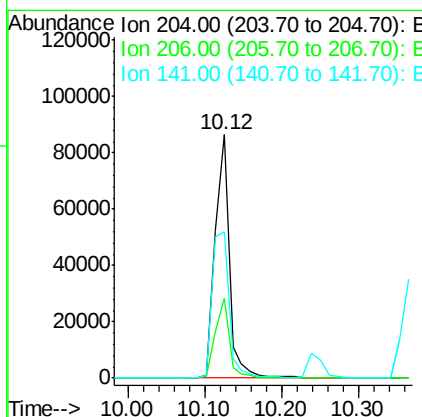
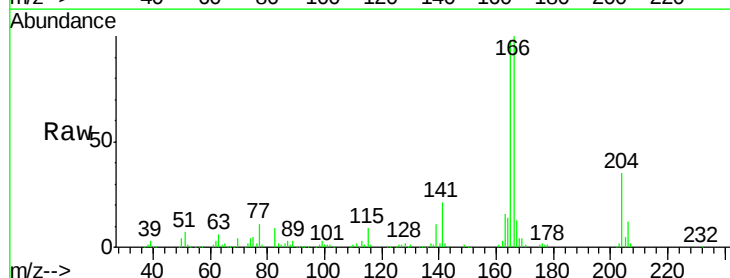
Manual Integrations

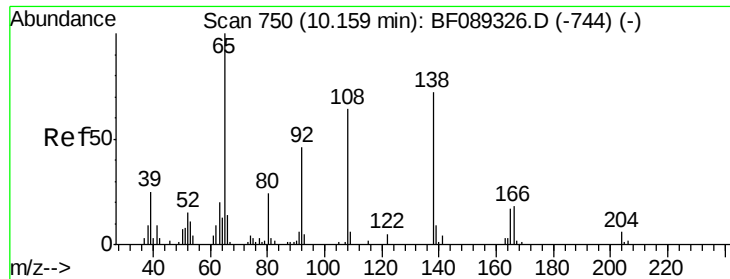
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#60
4-Chlorophenyl-phenylether
Concen: 35.40 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion:204 Resp: 111766
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 60.2 46.6 70.0





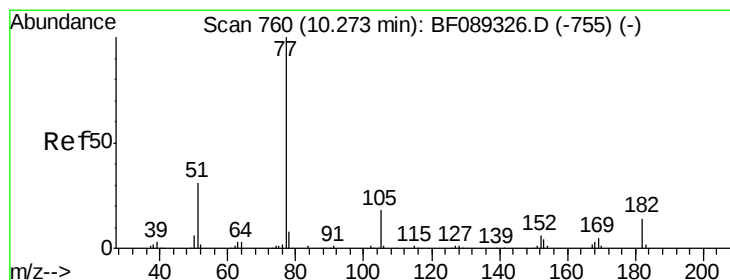
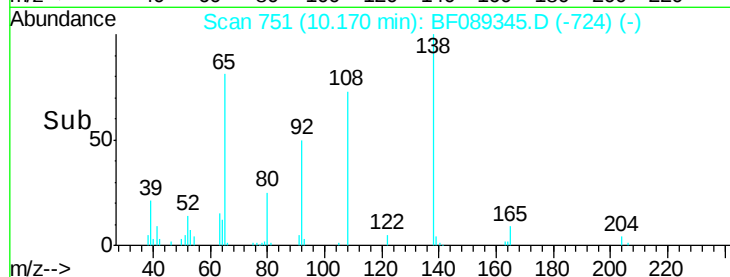
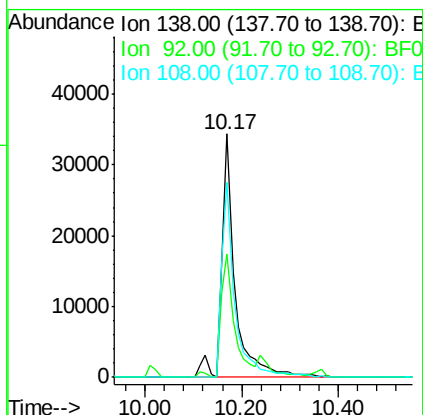
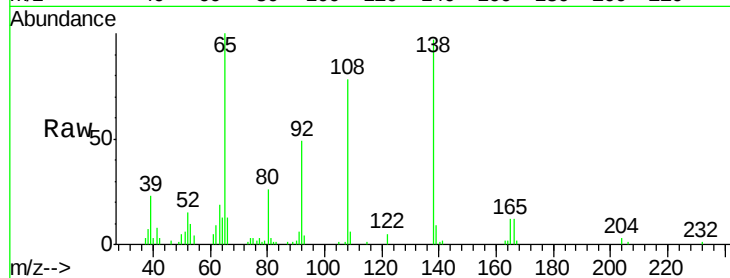
#61
4-Nitroaniline
Concen: 39.59 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion: 138 Resp: 66268
Ion Ratio Lower Upper
138 100
92 50.8 41.2 81.2
108 79.9 69.6 109.6

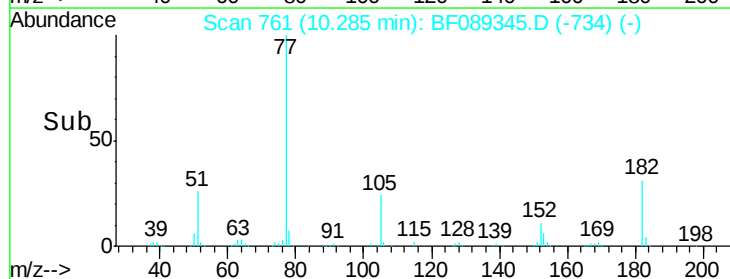
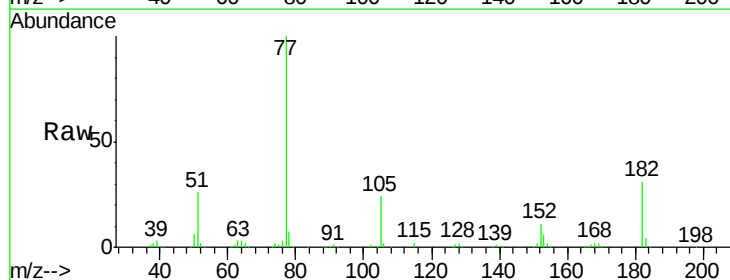
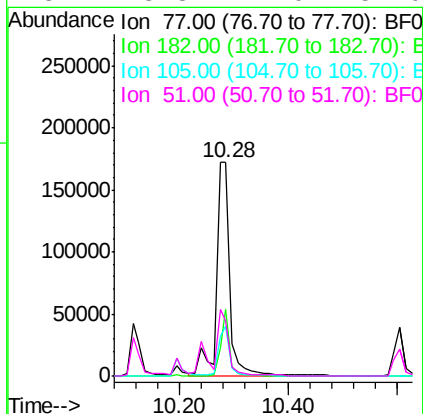
Manual Integrations

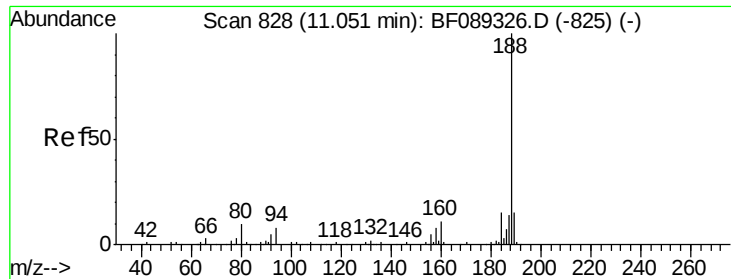
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#62
Azobenzene
Concen: 39.14 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion: 77 Resp: 306017
Ion Ratio Lower Upper
77 100
182 31.2 0.0 33.8
105 23.6 0.0 39.8
51 25.8 11.0 51.0





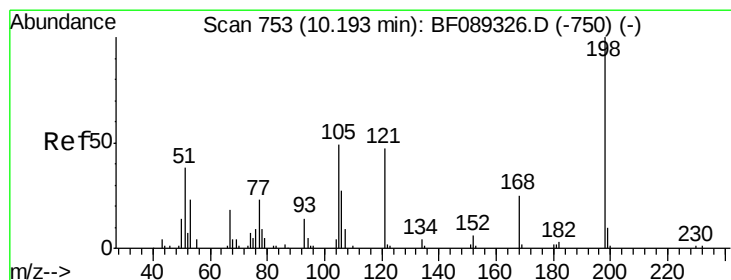
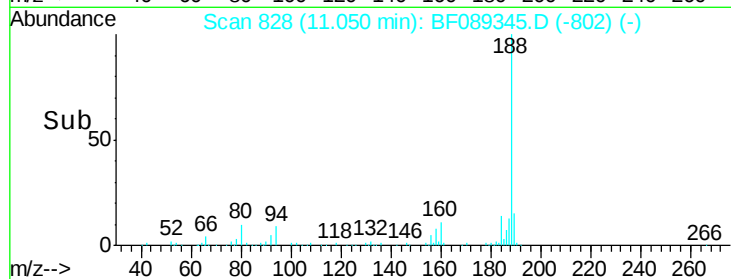
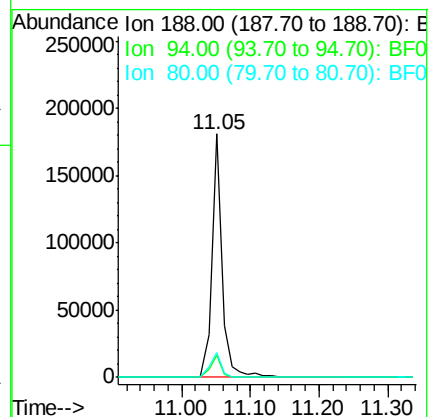
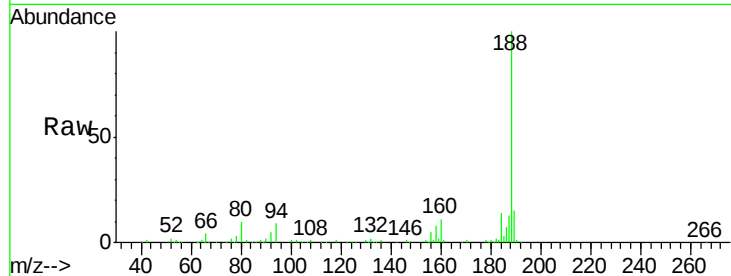
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188796		
94	9.1		6.5	9.7
80	9.9		7.2	10.8

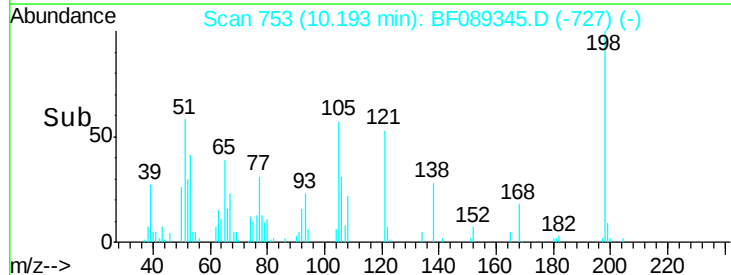
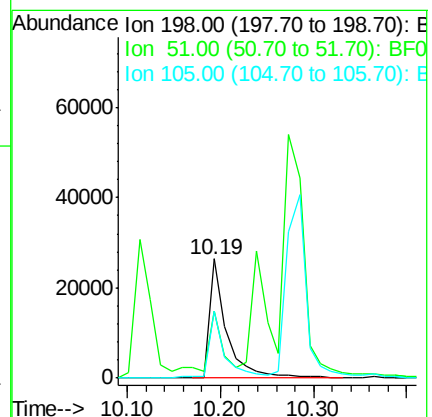
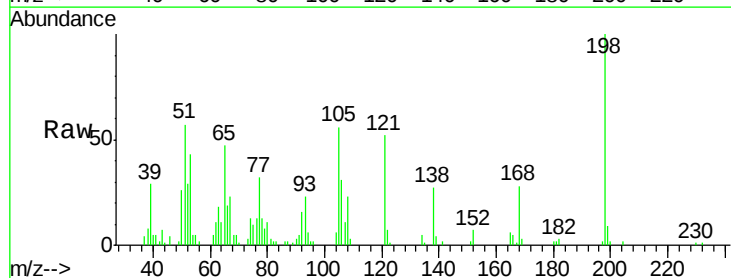
Manual Integrations

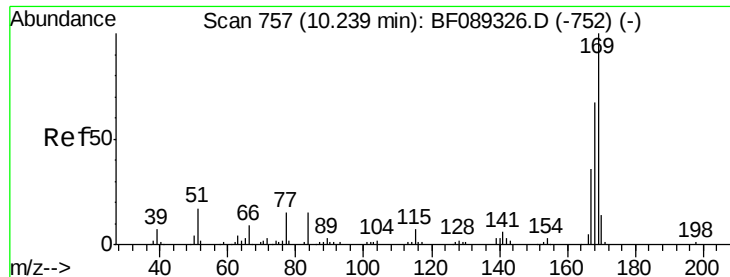
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.60 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34150		
51	56.8		23.0	63.0
105	56.0		28.3	68.3





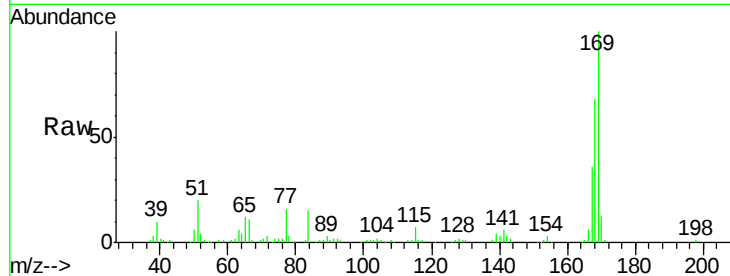
#65
n-Nitrosodiphenylamine
Concen: 37.58 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221362		
168	67.7	55.4	83.0	
167	36.4	29.7	44.5	

Manual Integrations

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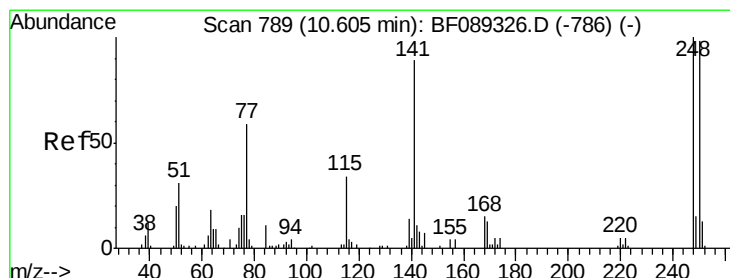
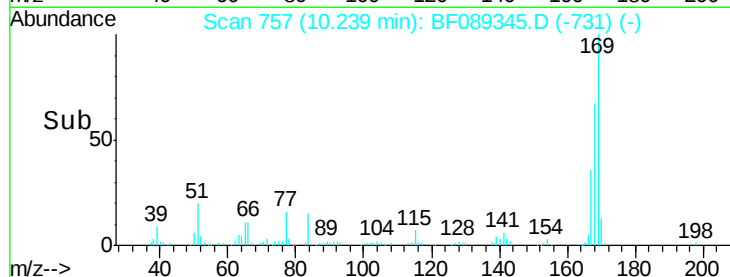
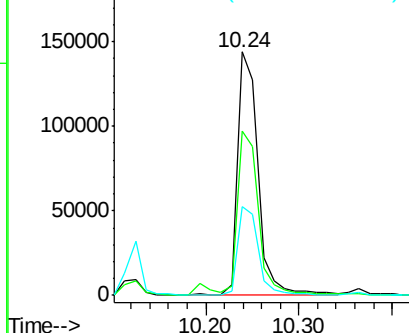


Abundance

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: 38.96 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

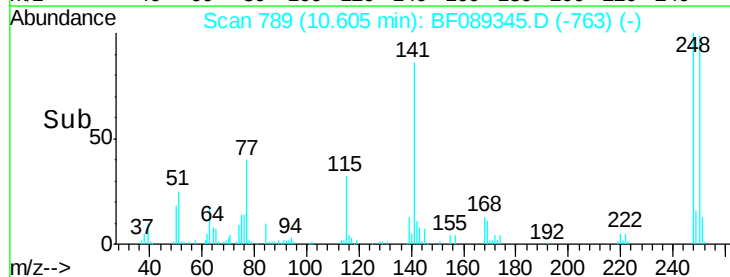
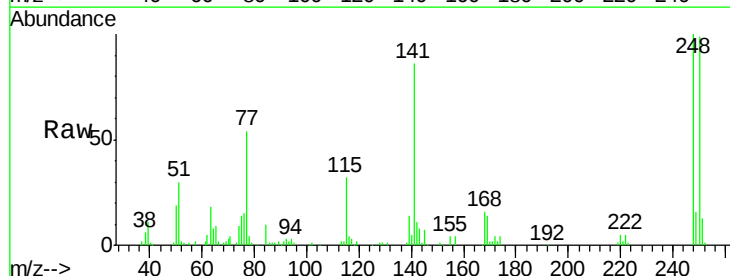
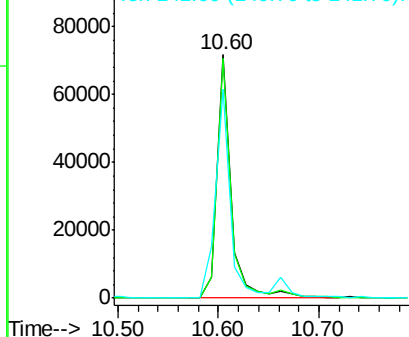
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70225		
250	98.7	78.2	117.2	
141	85.9	62.0	93.0	

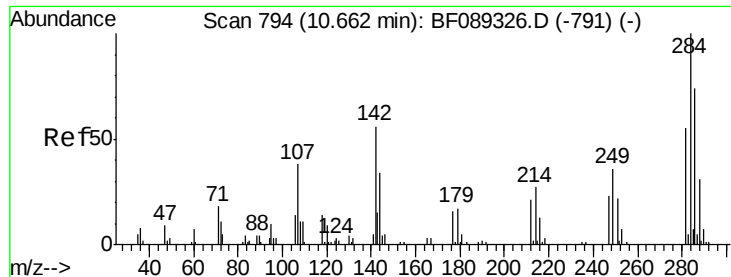
Abundance

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





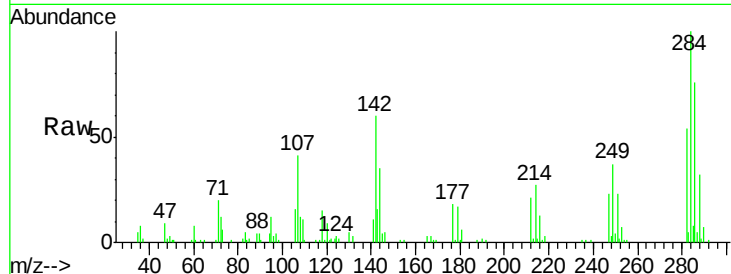
#67
Hexachlorobenzene
Concen: 33.84 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

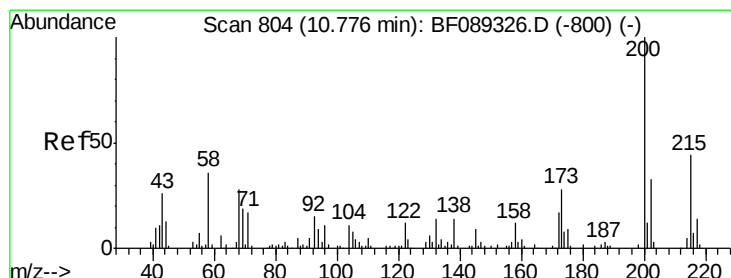
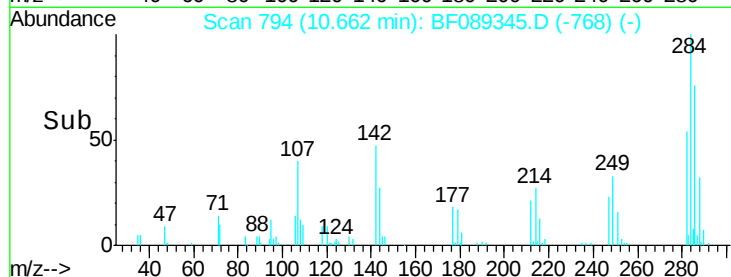
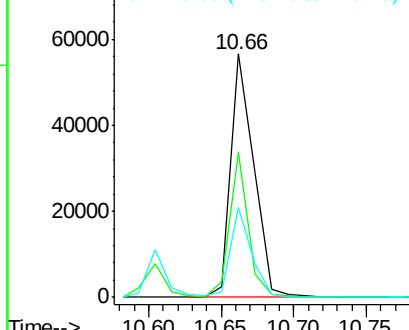
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	62507		
142	59.6	42.2	63.4	
249	37.2	29.4	44.0	

Manual Integrations

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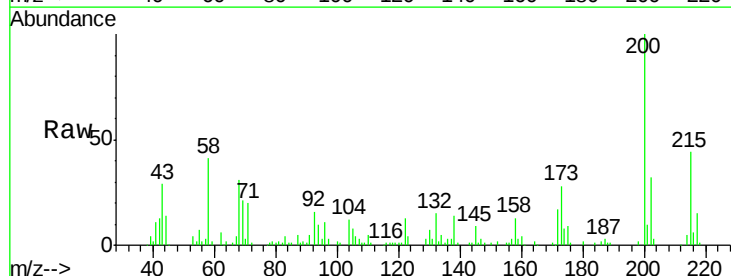


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

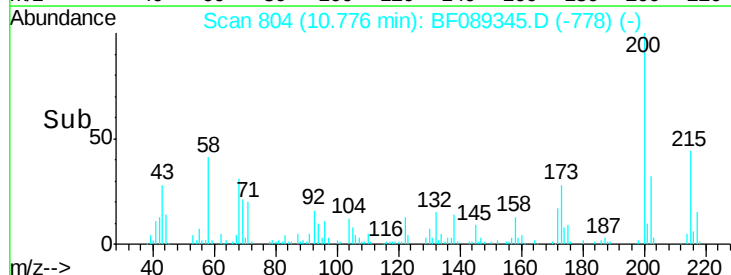
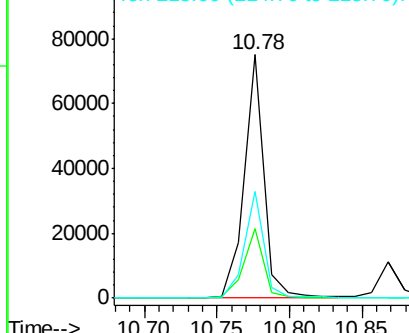


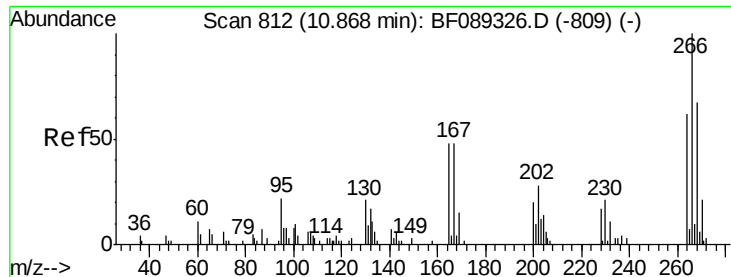
#68
Atrazine
Concen: 39.25 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	71029		
173	28.4	6.0	46.0	
215	43.6	24.3	64.3	



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





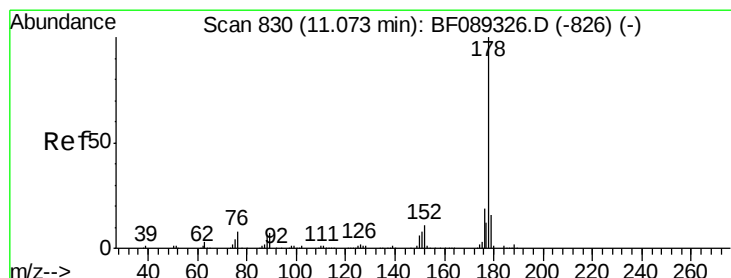
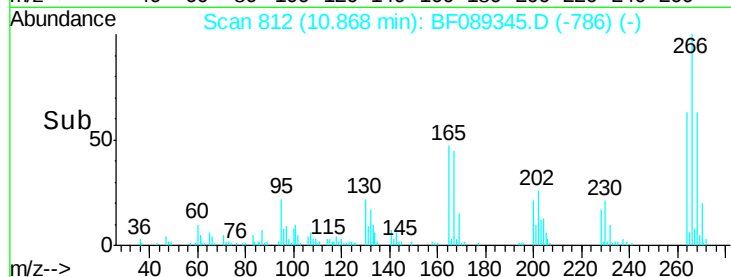
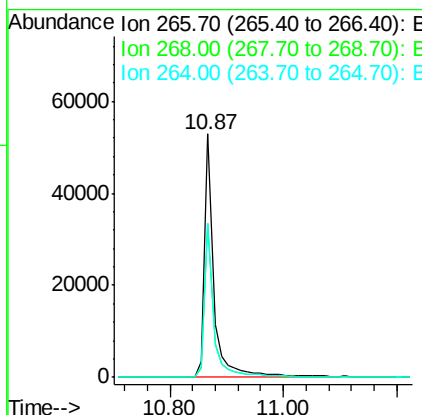
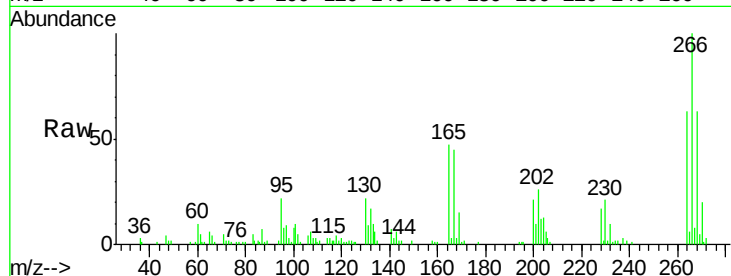
#69
 Pentachlorophenol
 Concen: 67.20 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.4	74.2
264	63.0	50.2	75.2

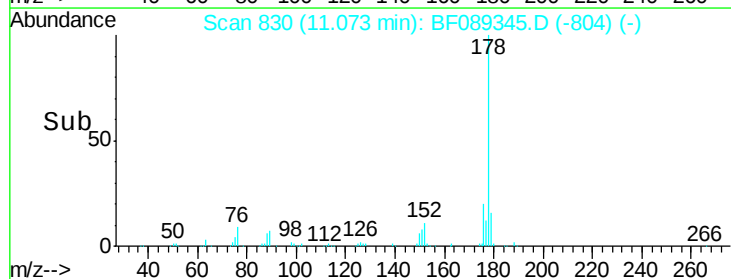
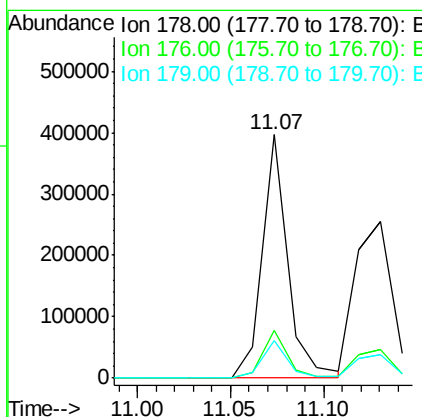
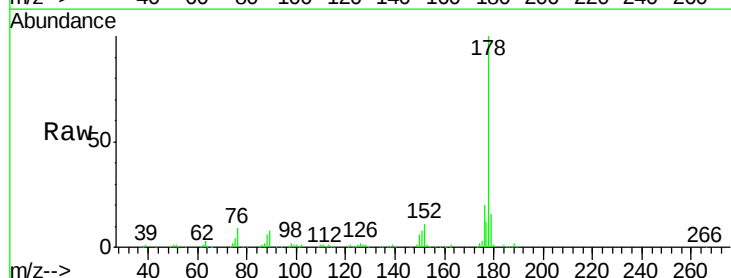
Manual Integrations

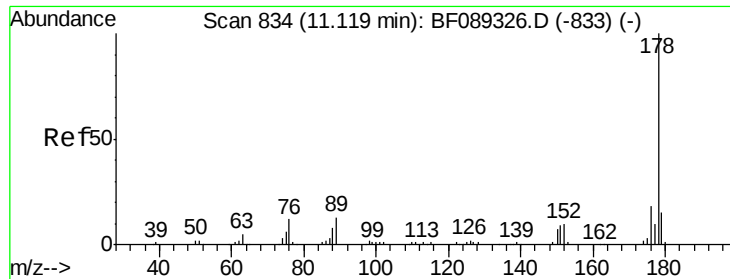
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#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.3	18.5





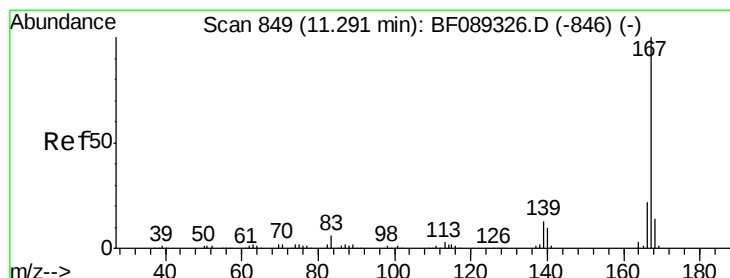
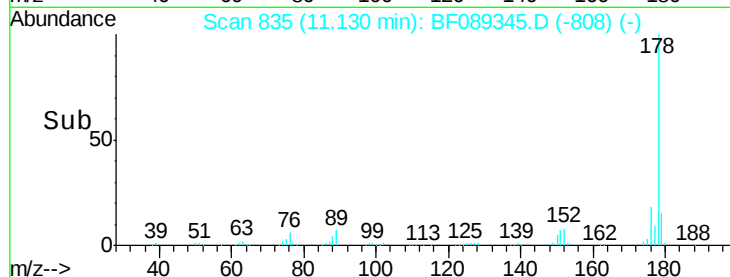
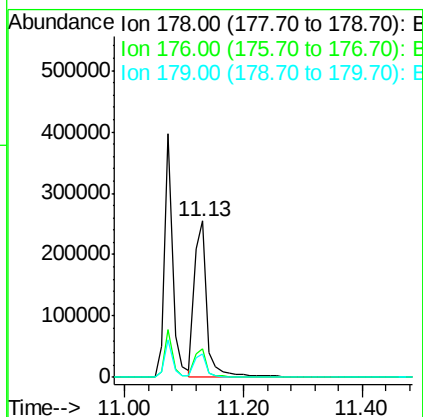
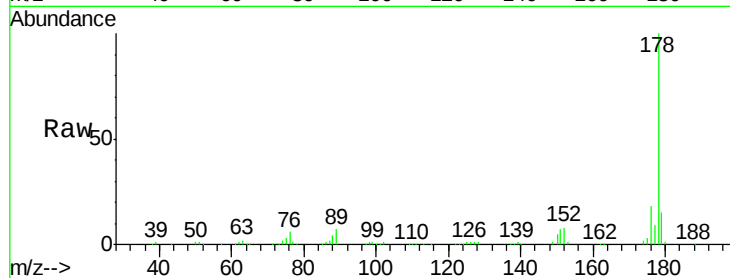
#71
 Anthracene
 Concen: 35.45 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion:178 Resp: 383737
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 14.9 12.6 18.8

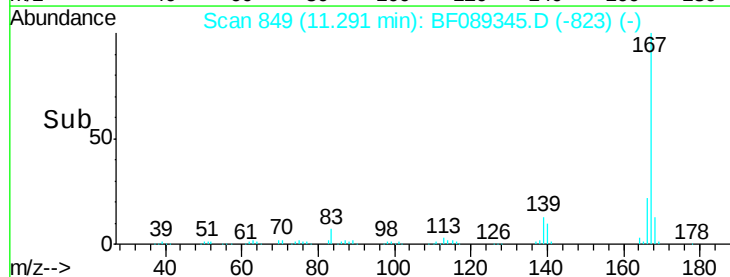
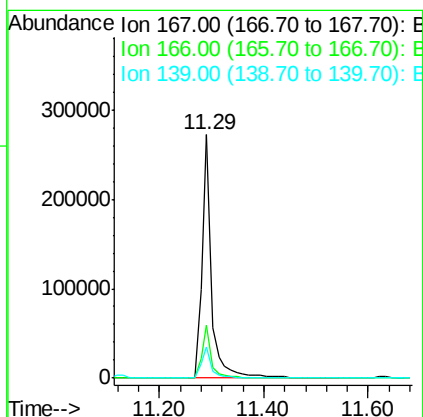
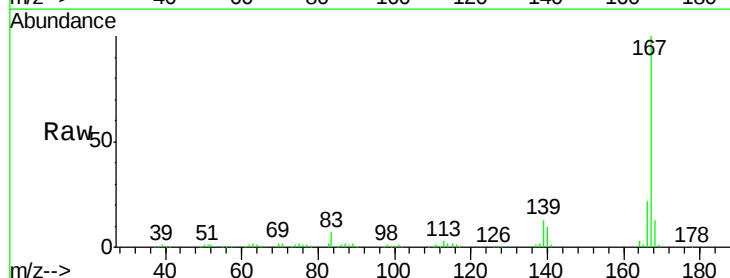
Manual Integrations

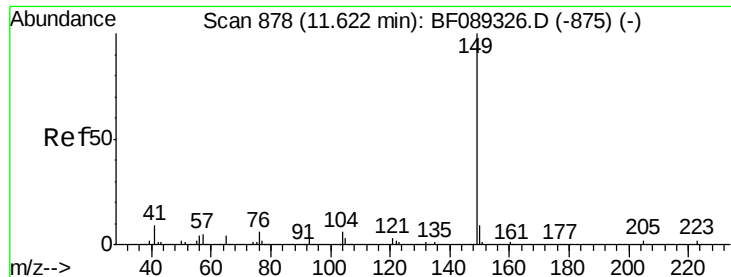
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#72
 Carbazole
 Concen: 38.21 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion:167 Resp: 348249
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 10.1 15.1





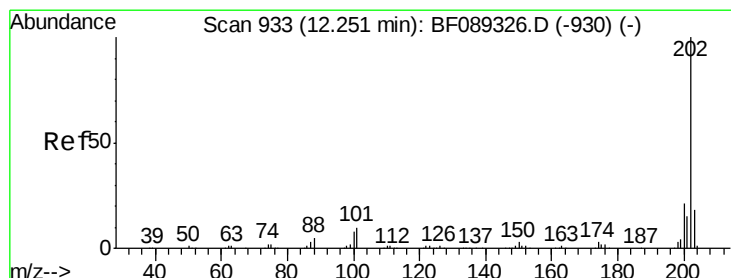
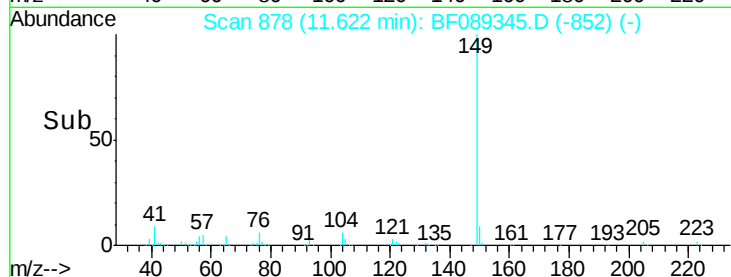
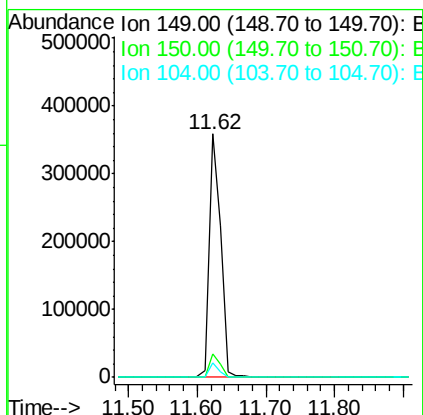
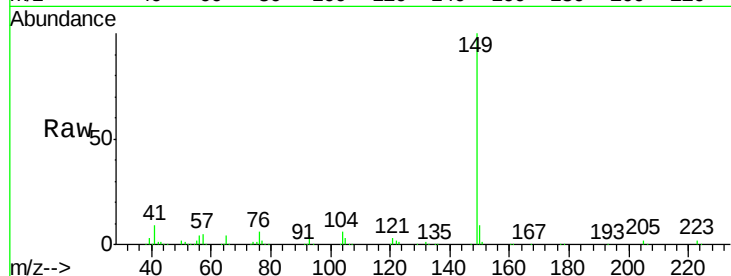
#73
Di-n-butylphthalate
Concen: 34.30 ng
RT: 11.62 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.8	4.7	7.1

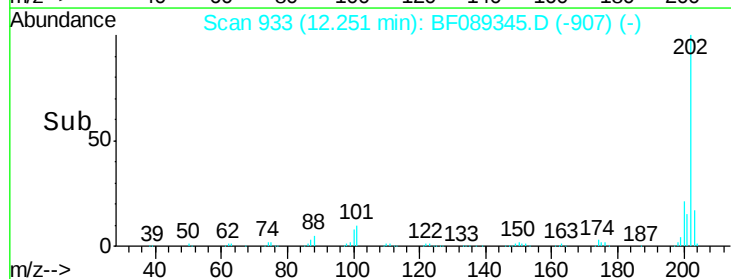
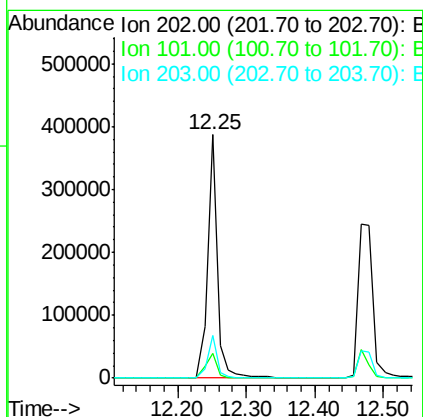
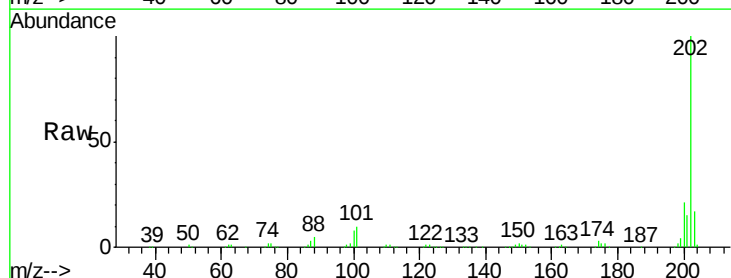
Manual Integrations

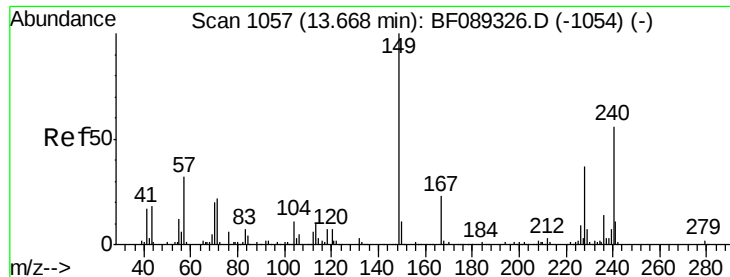
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#74
Fluoranthene
Concen: 37.75 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.9
203	17.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

Tgt Ion:240 Resp: 136972

Ion Ratio Lower Upper

240 100

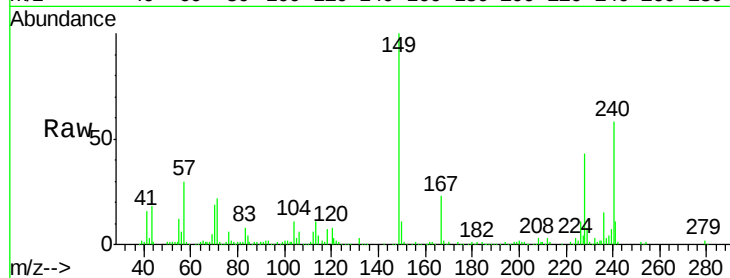
120 13.1 9.1 13.7

236 25.3 20.6 30.8

Manual Integrations

sohil

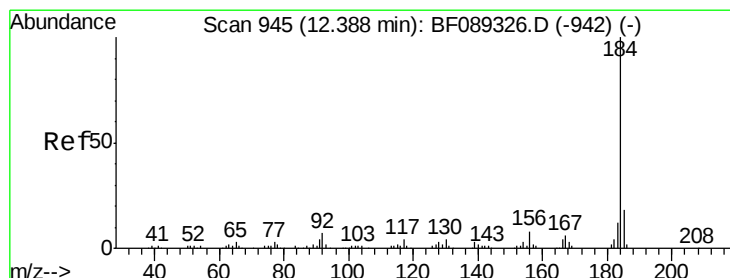
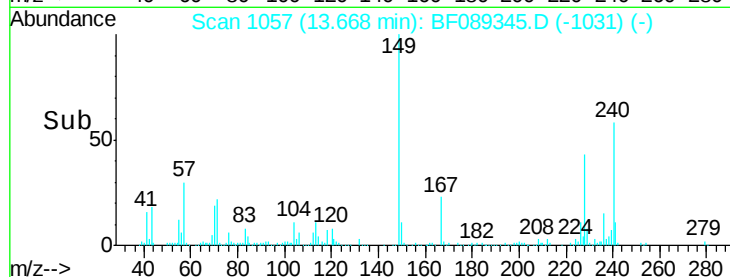
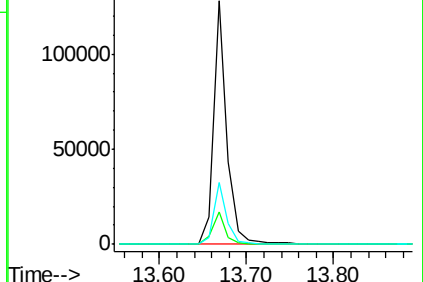
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.73 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

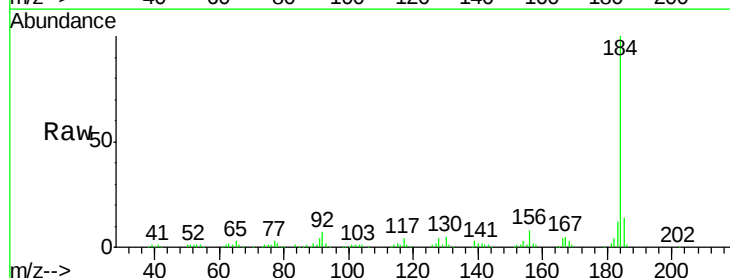
Tgt Ion:184 Resp: 246604

Ion Ratio Lower Upper

184 100

185 14.3 13.5 20.3

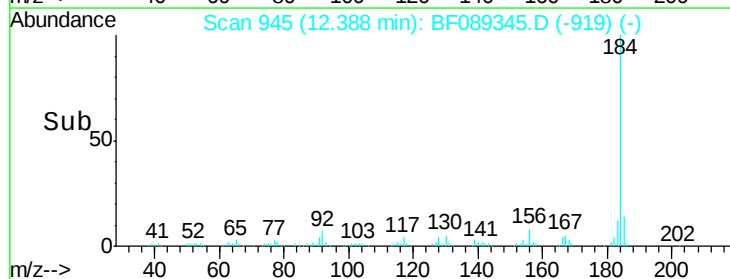
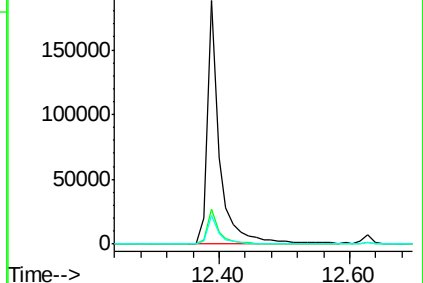
183 11.7 9.8 14.6

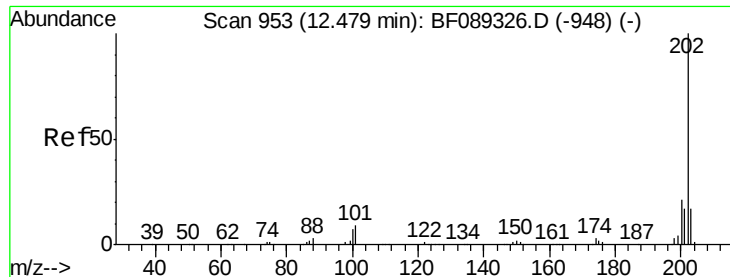


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





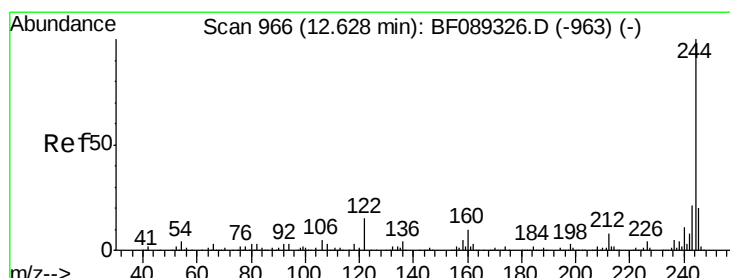
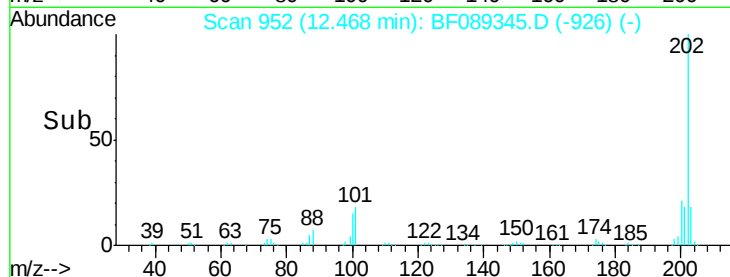
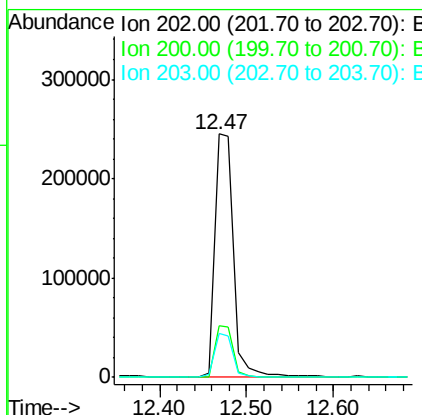
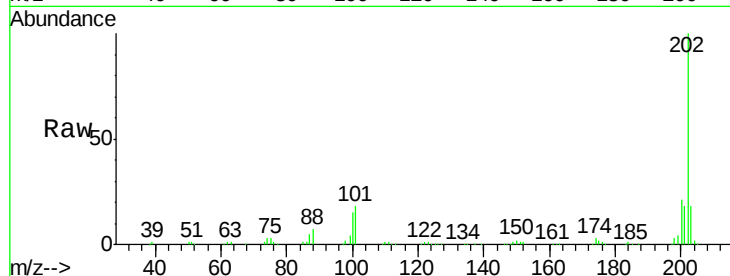
#77
Pyrene
 Concen: 35.73 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.0	14.0	21.0

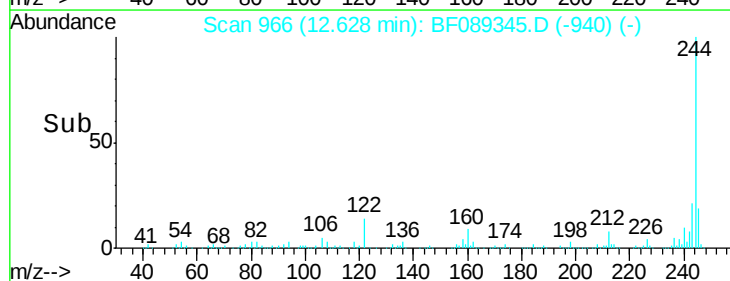
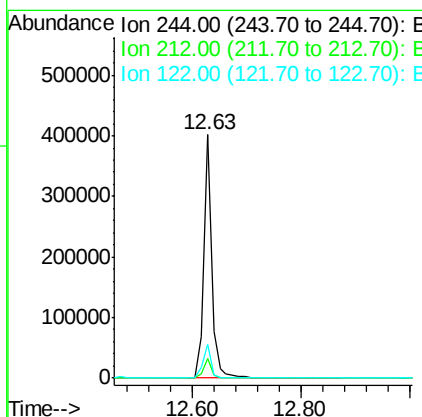
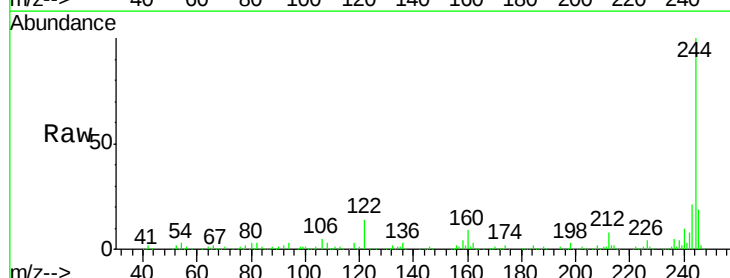
Manual Integrations

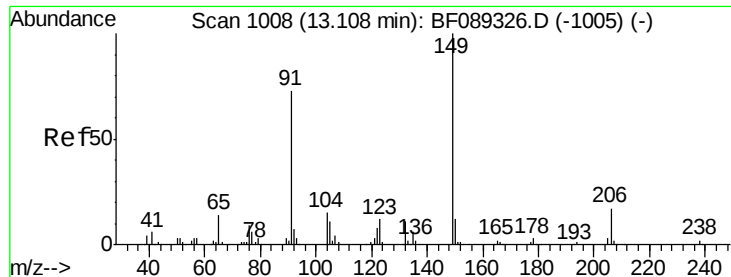
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#78
Terphenyl-d14
 Concen: 68.92 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	13.6	11.4	17.0





#79

Butylbenzylphthalate

Concen: 38.87 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF089345.D

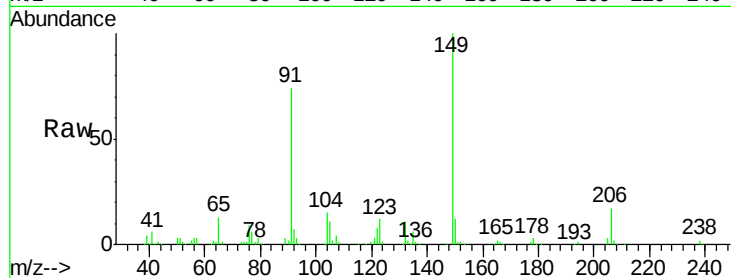
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

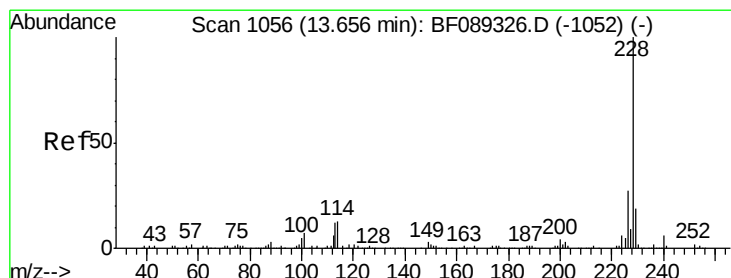
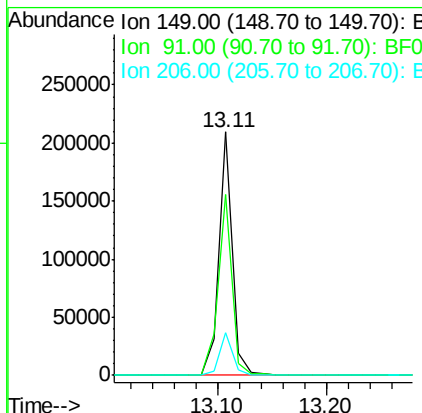
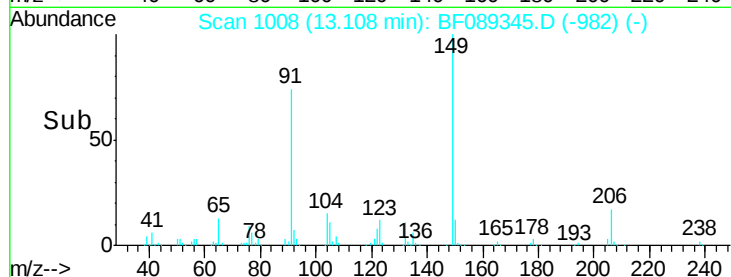


Tgt Ion:	149	Resp:	183460
Ion Ratio	Lower	Upper	
149	100		
91	74.3	58.5	87.7
206	17.3	13.8	20.8

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#80

Benzo(a)anthracene

Concen: 34.96 ng

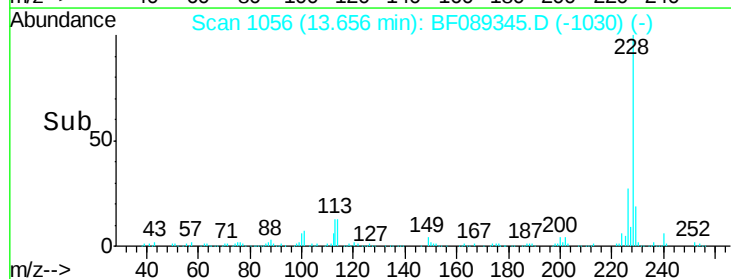
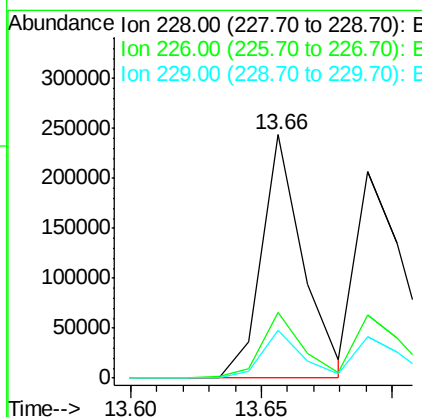
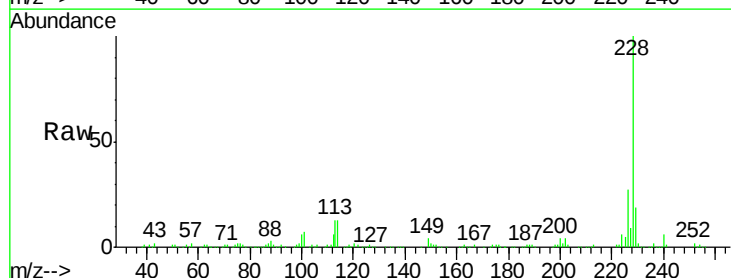
RT: 13.66 min Scan# 1056

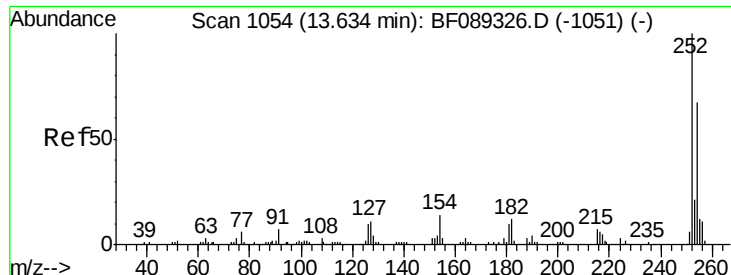
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	228	Resp:	270260
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.4	32.2
229	19.4	15.9	23.9





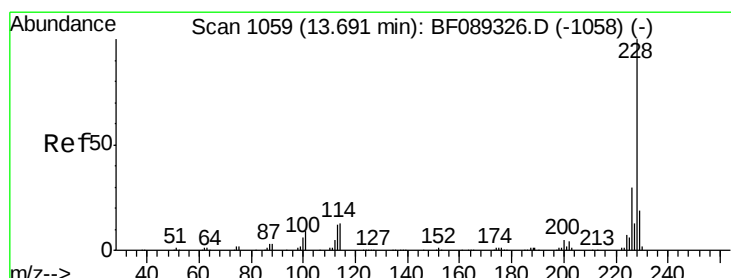
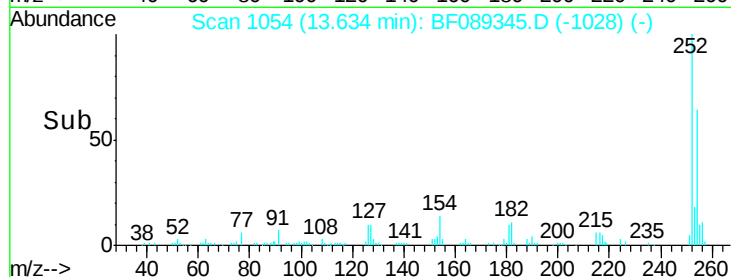
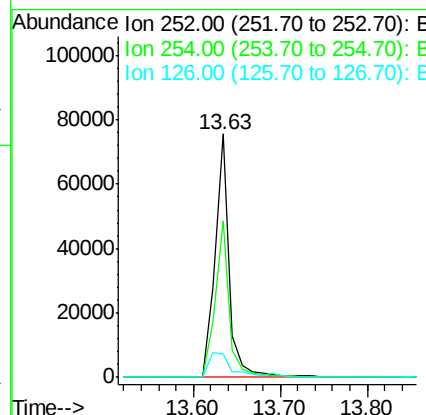
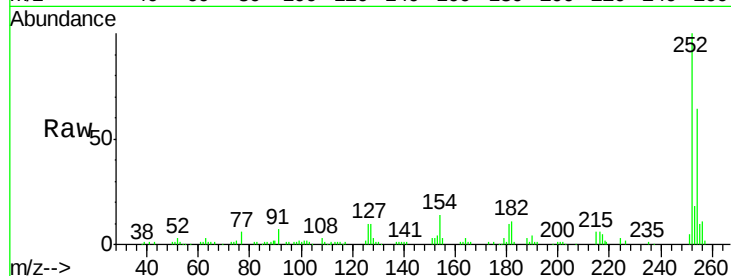
#81
 3,3'-Dichlorobenzidine
 Concen: 31.26 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.5	78.7
126	9.7	7.4	11.2

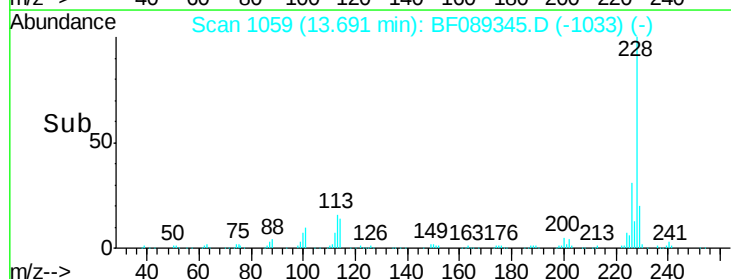
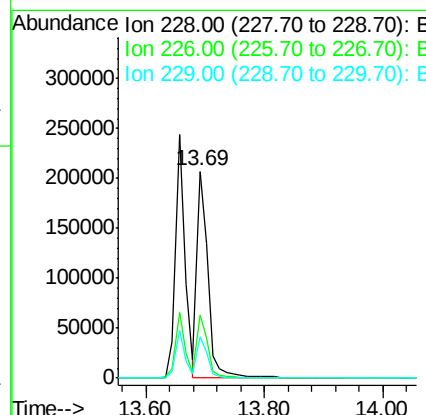
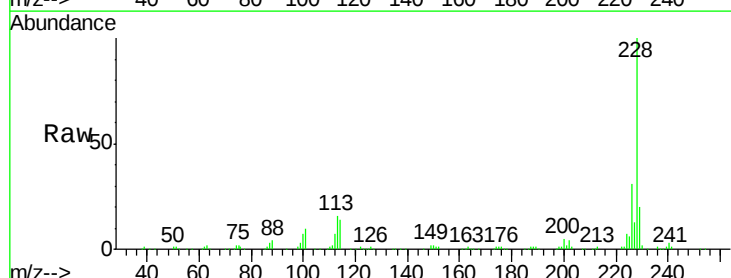
Manual Integrations

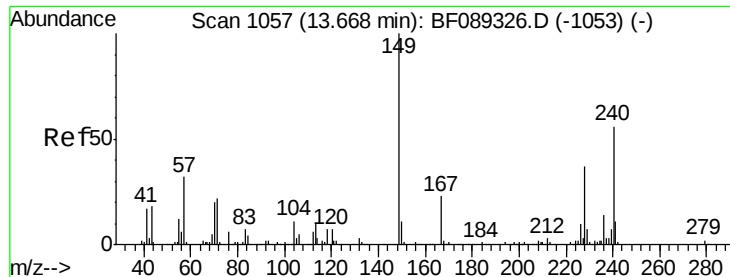
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#82
 Chrysene
 Concen: 32.94 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.0	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.42 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

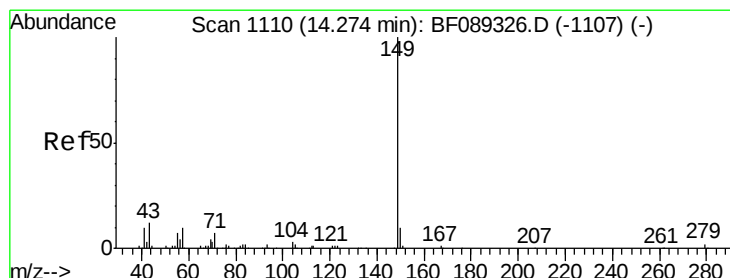
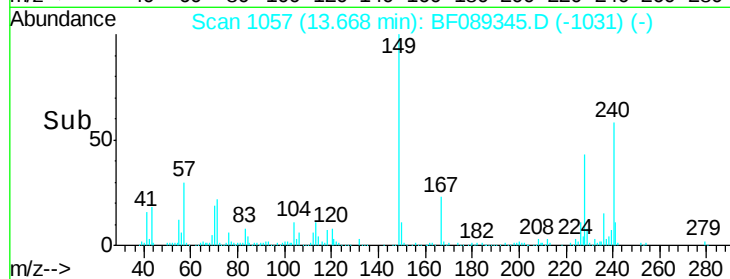
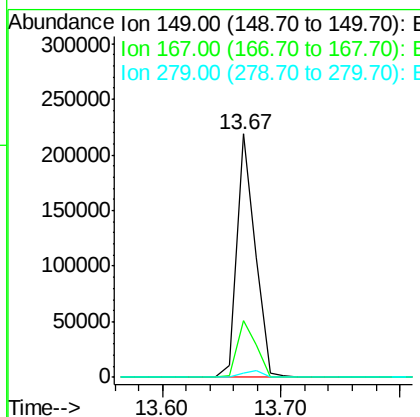
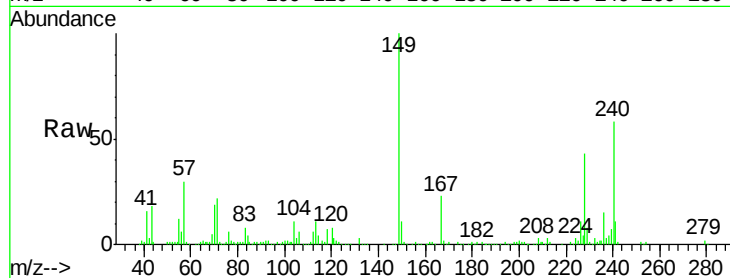
SB-38-14.0-15.0MSD

Tgt Ion:	149	Resp:	234852
Ion Ratio	Lower	Upper	
149	100		
167	23.2	18.8	28.2
279	1.9	1.4	2.0

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 34.92 ng

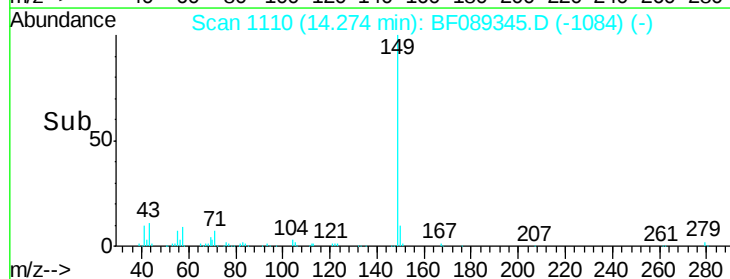
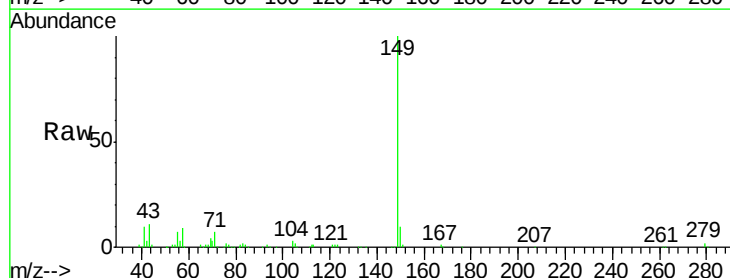
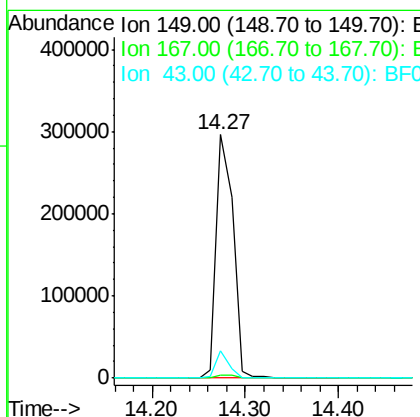
RT: 14.27 min Scan# 1110

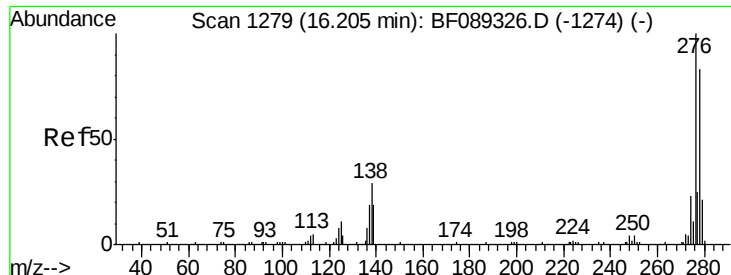
Delta R.T. -0.00 min

Lab File: BF089345.D

Acq: 28 Jul 2016 4:32

Tgt Ion:	149	Resp:	371791
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.1	7.3	10.9





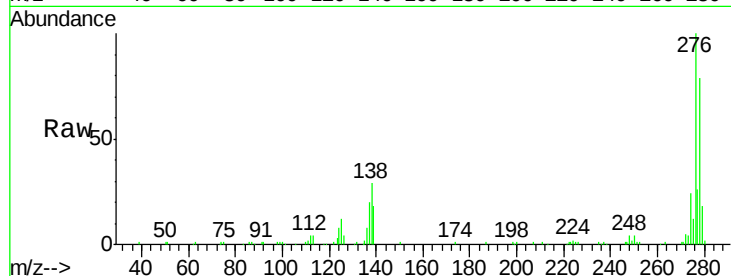
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.81 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD

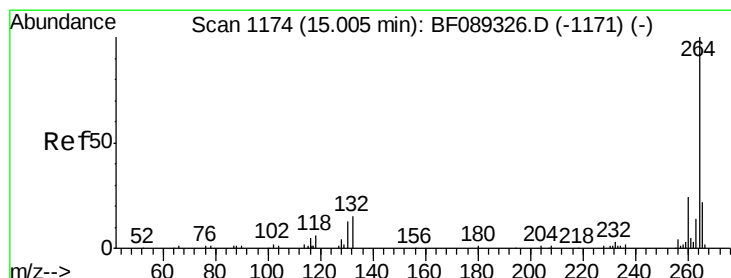
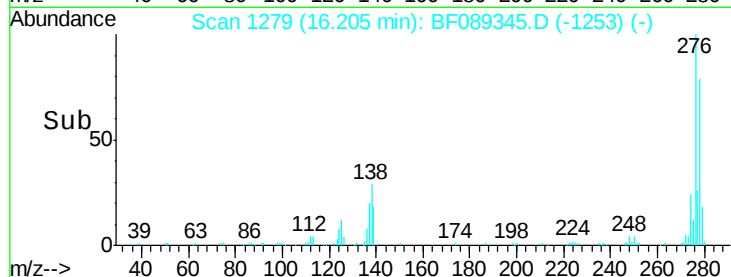
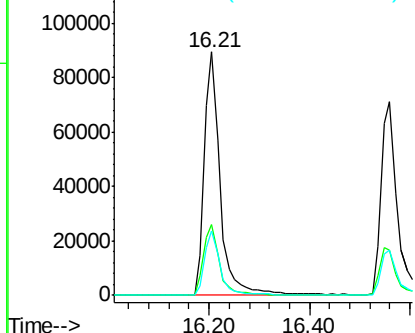
Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.3	23.0	34.4	
277	25.5	20.2	30.4	

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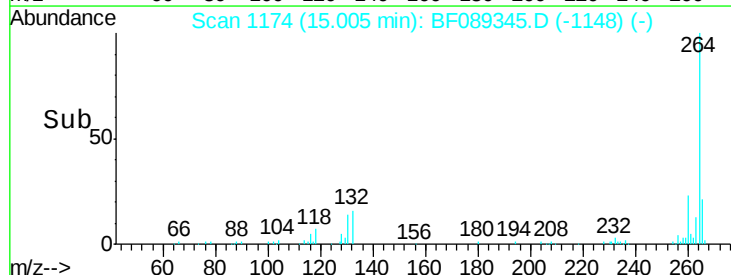
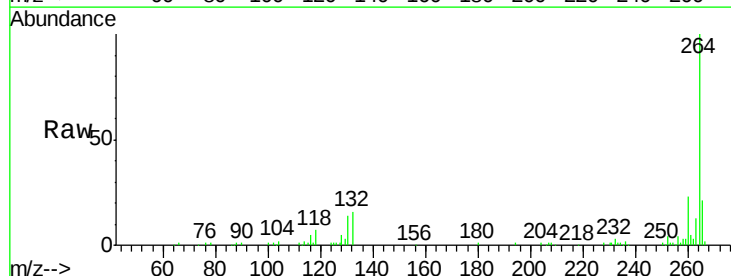
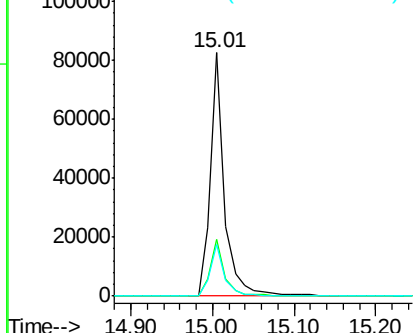
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

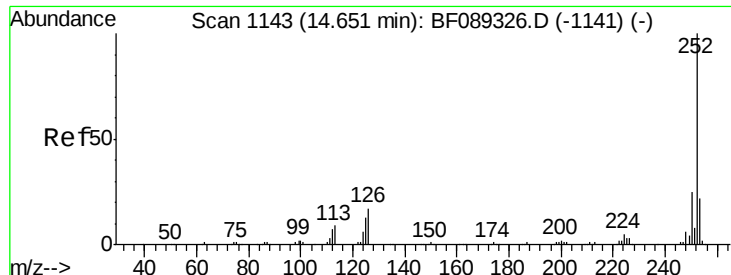


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	23.3	19.0	28.4	
265	21.0	17.5	26.3	

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.34 ng m

RT: 14.65 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF089345.D

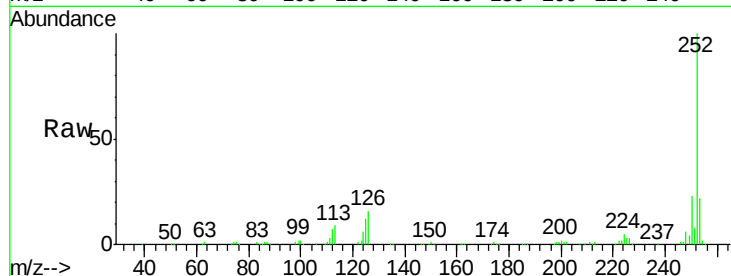
Acq: 28 Jul 2016 4:32

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MSD

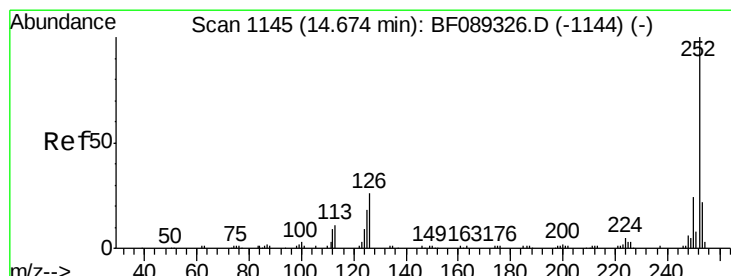
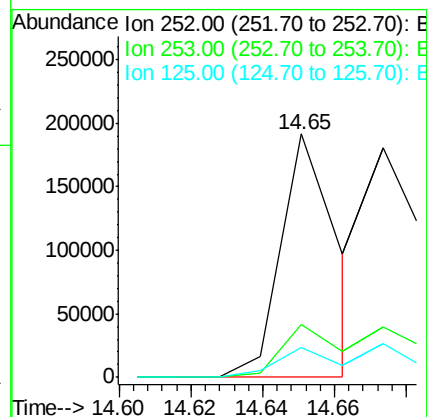


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.4	9.7	14.5

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#88

Benzo(k)fluoranthene

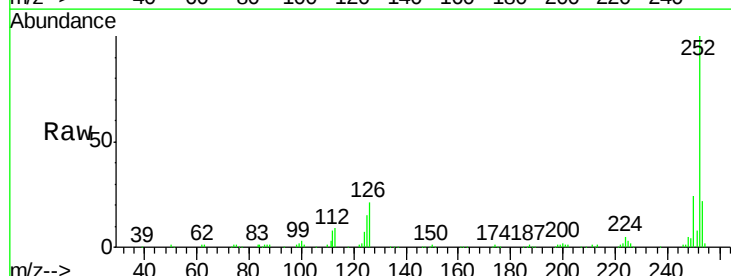
Concen: 40.09 ng m

RT: 14.67 min Scan# 1145

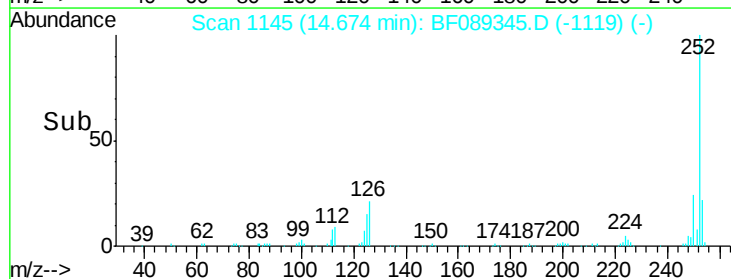
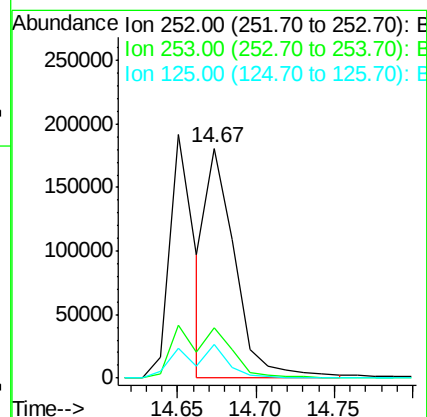
Delta R.T. -0.00 min

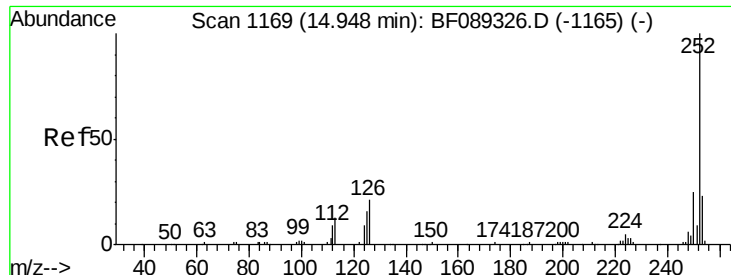
Lab File: BF089345.D

Acq: 28 Jul 2016 4:32



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	14.8	10.7	16.1





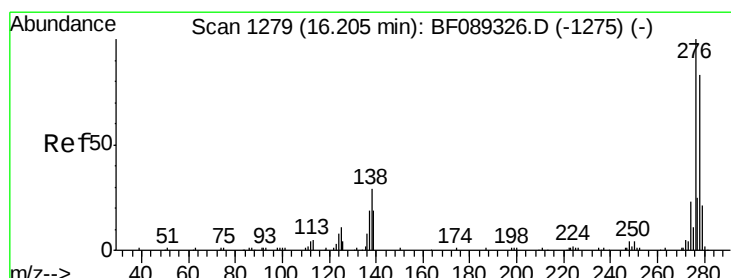
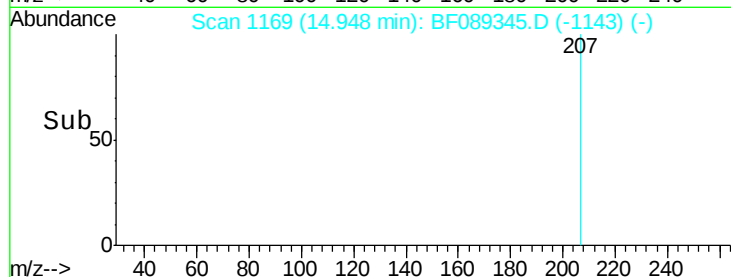
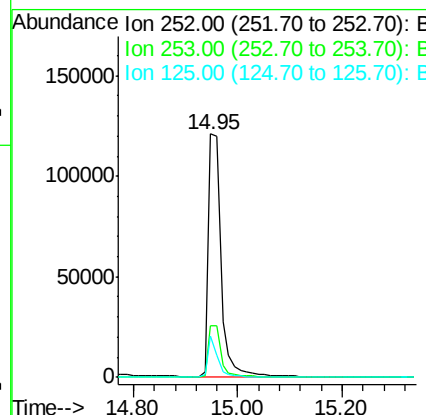
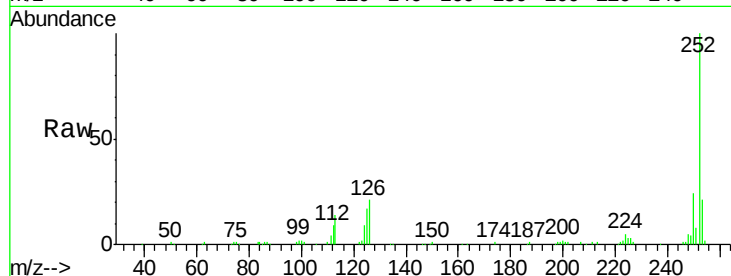
#89
Benzo(a)pyrene
Concen: 36.26 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	17.1	12.4	18.6

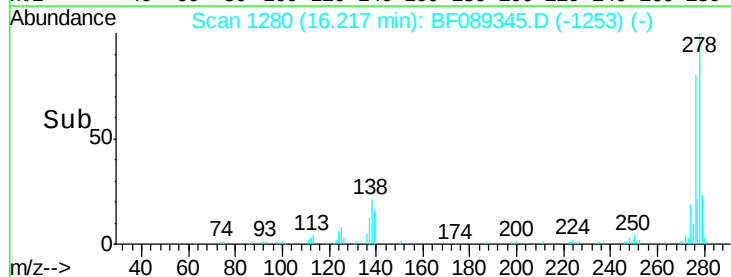
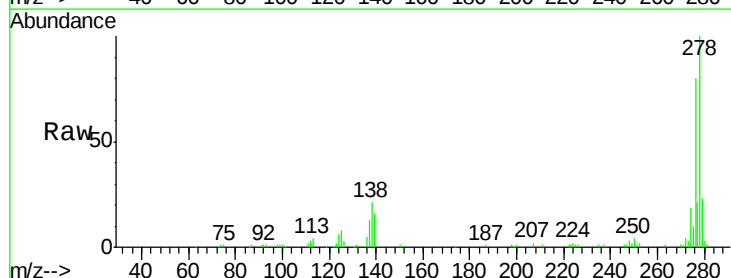
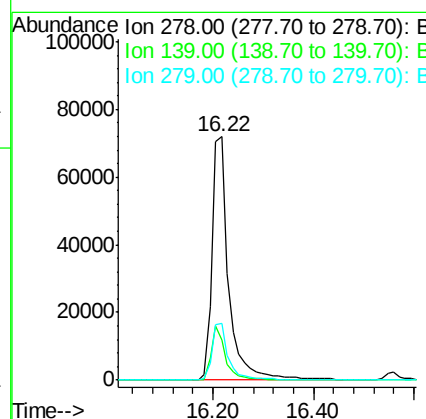
Manual Integrations

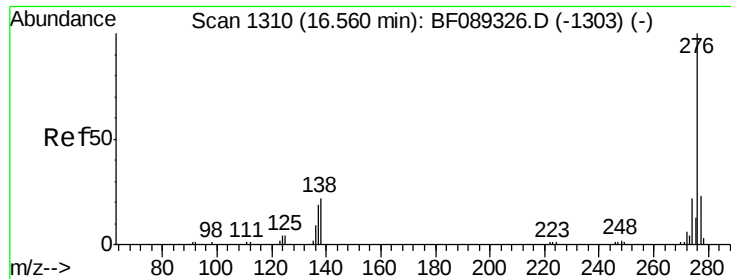
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#90
Dibenzo(a,h)anthracene
Concen: 37.31 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089345.D
Acq: 28 Jul 2016 4:32

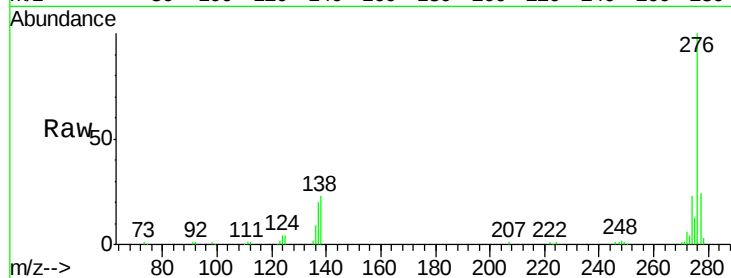
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.3	24.5
279	23.3	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 38.31 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089345.D
 Acq: 28 Jul 2016 4:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MSD



Tgt Ion:	276	Resp:	167144
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	23.3	21.4	32.0

Manual Integrations

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