

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089328.D
 Acq On : 27 Jul 2016 14:51
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Manual Integrations

sohil
 7/28/2016 4:55:57 PM

Quant Time: Jul 27 18:36:42 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	45740	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	198069	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	94837	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	185036	20.00	ng	0.00
75) Chrysene-d12	13.67	240	139210	20.00	ng	0.00
86) Perylene-d12	15.01	264	119994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	244478	85.34	ng	0.00
7) Phenol-d6	6.20	99	321281	84.87	ng	0.00
23) Nitrobenzene-d5	7.12	82	285286	85.02	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	70325	89.53	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	553801	85.70	ng	0.00
78) Terphenyl-d14	12.63	244	441808	74.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	51528	39.67	ng	98
3) Pyridine	2.56	79	123487	44.06	ng	99
4) n-Nitrosodimethylamine	2.54	42	45046	40.48	ng	96
6) Aniline	6.20	93	175398	42.91	ng	97
8) 2-Chlorophenol	6.33	128	140849	43.47	ng	99
9) Benzaldehyde	6.09	77	74246	40.17	ng	99
10) Phenol	6.22	94	185695	44.45	ng	99
11) bis(2-Chloroethyl)ether	6.30	93	145193	40.91	ng	99
12) 1,3-Dichlorobenzene	6.48	146	143708	42.40	ng	99
13) 1,4-Dichlorobenzene	6.56	146	156150	41.75	ng	99
14) 1,2-Dichlorobenzene	6.72	146	138815	39.62	ng	99
15) Benzyl Alcohol	6.71	79	104566	44.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	162170	41.89	ng	96
17) 2-Methylphenol	6.83	107	101239	40.42	ng	# 90
18) Hexachloroethane	7.05	117	58166	40.56	ng	98
19) n-Nitroso-di-n-propylamine	6.98	70	100206	43.90	ng	97
20) 3+4-Methylphenols	6.98	107	138451	43.05	ng	95
22) Acetophenone	6.97	105	203369	43.13	ng	98
24) Nitrobenzene	7.14	77	157802	41.32	ng	99
25) Isophorone	7.38	82	284249	42.05	ng	99
26) 2-Nitrophenol	7.46	139	68481	40.11	ng	98
27) 2,4-Dimethylphenol	7.51	122	114829	42.21	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	155482	41.55	ng	99
29) 2,4-Dichlorophenol	7.70	162	113769	45.90	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	119398	42.22	ng	99
31) Naphthalene	7.85	128	389059	39.67	ng	100
32) Benzoic acid	7.68	122	80844	42.65	ng	94
33) 4-Chloroaniline	7.92	127	153323	41.06	ng	99
34) Hexachlorobutadiene	7.98	225	67258	41.52	ng	99
35) Caprolactam	8.30	113	30830	41.21	ng	94
36) 4-Chloro-3-methylphenol	8.41	107	129871	44.09	ng	96
37) 2-Methylnaphthalene	8.55	142	246285	41.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	129979	39.16	ng	100
40) Hexachlorocyclopentadiene	8.70	237	33281	40.18	ng	100

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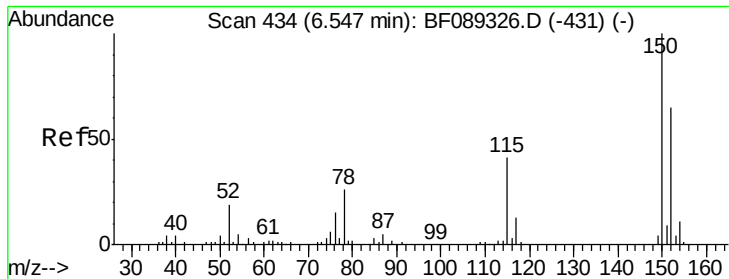
Manual Integrations

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 7/28/2016 4:55:57 PM

Quant Time: Jul 27 18:36:42 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)
42) 2,4,6-Trichlorophenol	8.83	196	68618	43.49	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	81496	40.78	nq	98
45) 1,1'-Biphenyl	9.00	154	309183	38.29	nq	99
46) 2-Chloronaphthalene	9.03	162	247631	40.84	nq	100
47) 2-Nitroaniline	9.14	65	76653	42.68	nq	98
48) Acenaphthylene	9.44	152	404461	42.34	nq	99
49) Dimethylphthalate	9.32	163	308425	42.73	nq	99
50) 2,6-Dinitrotoluene	9.38	165	65127	43.92	nq	# 86
51) Acenaphthene	9.61	154	228714	41.00	nq	100
52) 3-Nitroaniline	9.55	138	70996	45.36	nq	96
53) 2,4-Dinitrophenol	9.67	184	20179	40.91	nq	95
54) Dibenzofuran	9.78	168	321868	42.35	nq	100
55) 4-Nitrophenol	9.74	139	28994m	41.28	nq	
56) 2,4-Dinitrotoluene	9.78	165	80987	41.48	nq	# 80
57) Fluorene	10.12	166	283882	42.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	55071	41.27	nq	# 91
59) Diethylphthalate	10.01	149	295553	40.39	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	122675	40.31	nq	98
61) 4-Nitroaniline	10.17	138	70472	43.68	nq	88
62) Azobenzene	10.27	77	296499	39.35	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	46176	41.95	nq	89
65) n-Nitrosodiphenylamine	10.24	169	230122	39.86	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	77323	43.77	nq	94
67) Hexachlorobenzene	10.66	284	68025	37.57	nq	91
68) Atrazine	10.78	200	74060	41.75	nq	98
69) Pentachlorophenol	10.87	266	32125	39.91	nq	99
70) Phenanthrene	11.07	178	394264	41.31	nq	100
71) Anthracene	11.13	178	410775	38.72	nq	99
72) Carbazole	11.29	167	358798	40.17	nq	99
73) Di-n-butylphthalate	11.63	149	486199	40.57	nq	# 97
74) Fluoranthene	12.25	202	417456	41.59	nq	98
76) Benzidine	12.39	184	208961	40.62	nq	99
77) Pyrene	12.48	202	421172	39.92	nq	99
79) Butylbenzylphthalate	13.11	149	194337	40.51	nq	91
80) Benzo(a)anthracene	13.66	228	318097	40.49	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	125414	44.36	nq	# 98
82) Chrysene	13.70	228	327263	39.14	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	277966	40.09	nq	100
84) Di-n-octyl phthalate	14.29	149	470504	43.48	nq	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	253310	42.60	nq	99
87) Benzo(b)fluoranthene	14.65	252	248645m	33.37	nq	
88) Benzo(k)fluoranthene	14.67	252	304775m	44.49	nq	
89) Benzo(a)pyrene	14.96	252	265468	39.71	nq	# 94
90) Dibenzo(a,h)anthracene	16.22	278	217307	41.27	nq	96
91) Benzo(g,h,i)perylene	16.56	276	202151	39.05	nq	98

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



#1

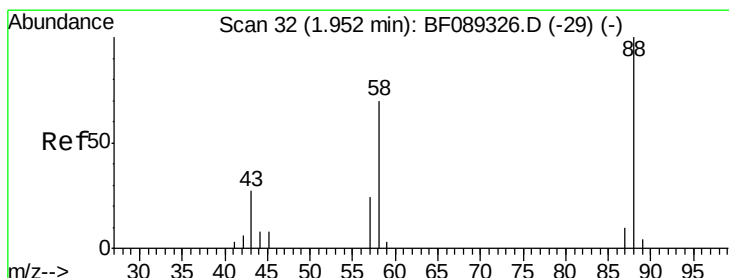
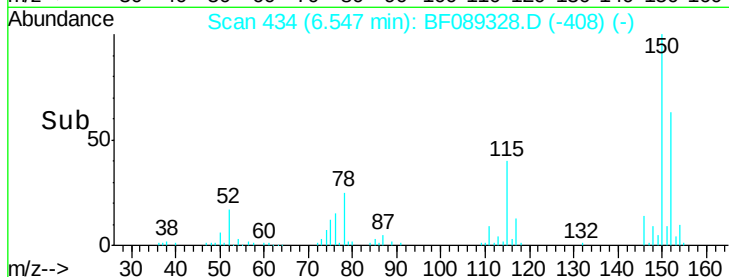
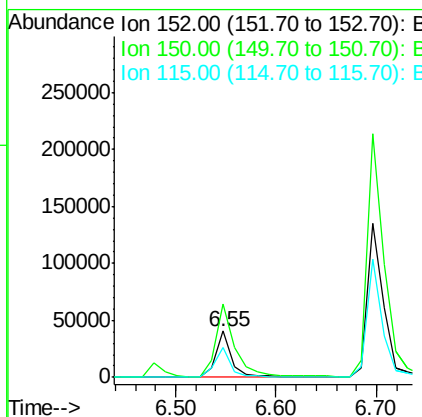
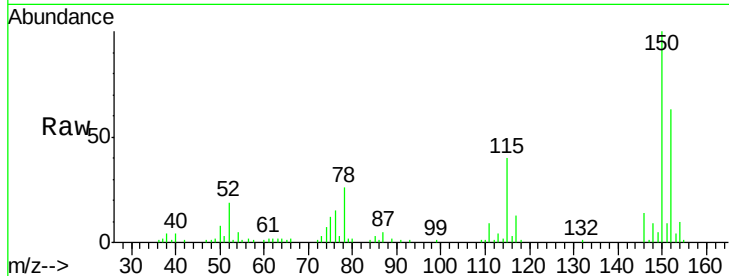
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.5	194.3
115	64.2	51.4	77.2

Manual Integrations

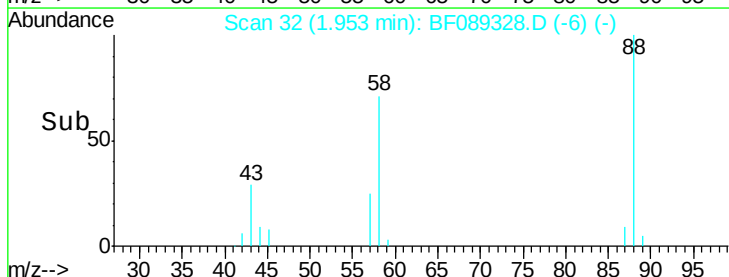
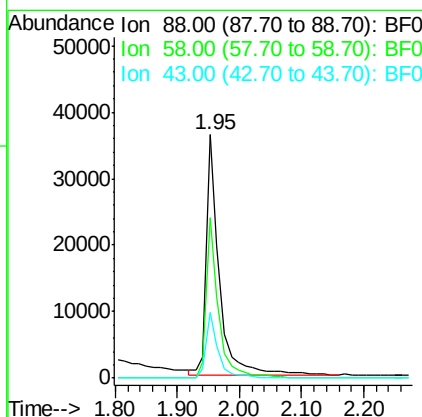
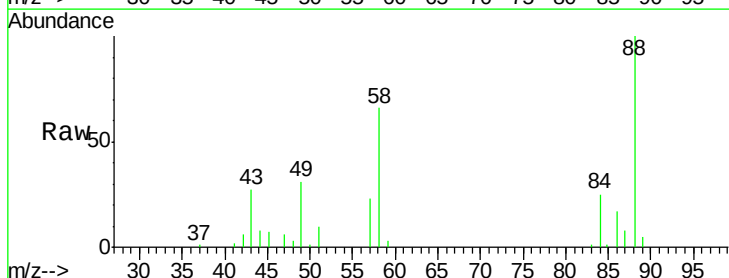
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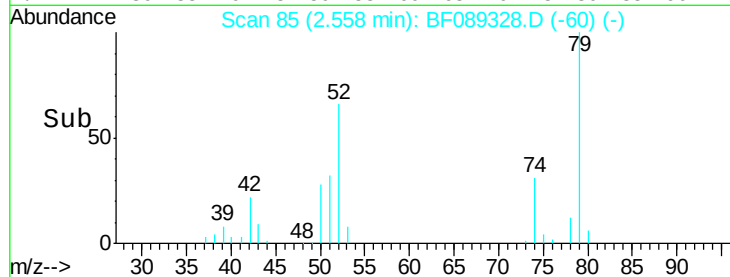
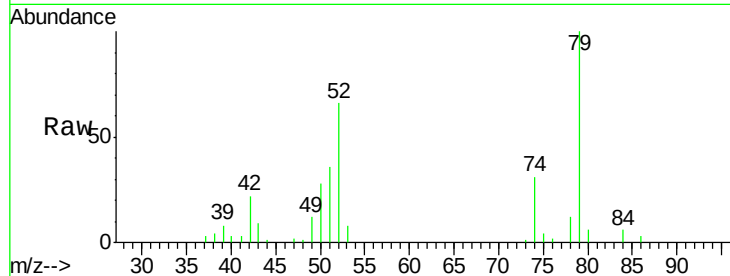
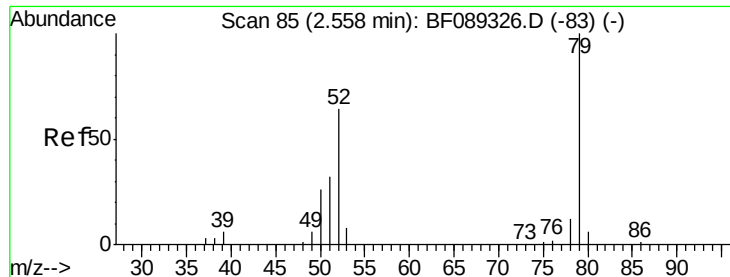


#2

1,4-Dioxane
Concen: 39.67 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	53.2	79.8
43	26.0	20.6	31.0





#3

Pvridine

Concen: 44.06 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tot Ion:	79	Resp:	123487
Ion	Ratio	Lower	Upper
79	100		
52	65.6	51.9	77.9
51	35.8	28.2	42.4

Instrument :

BNA_F

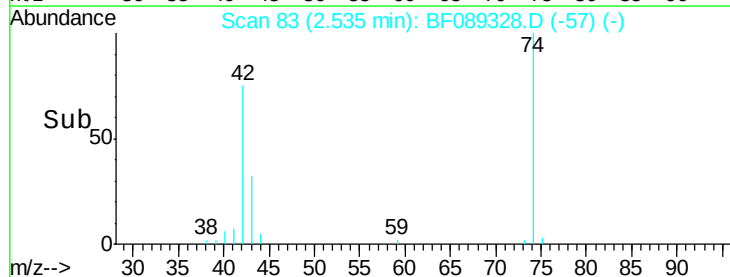
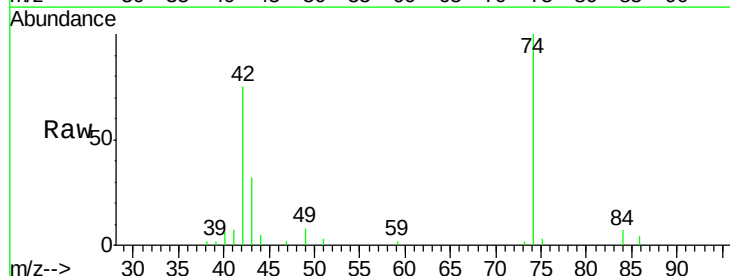
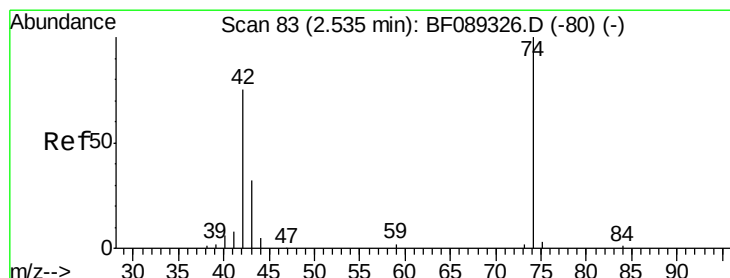
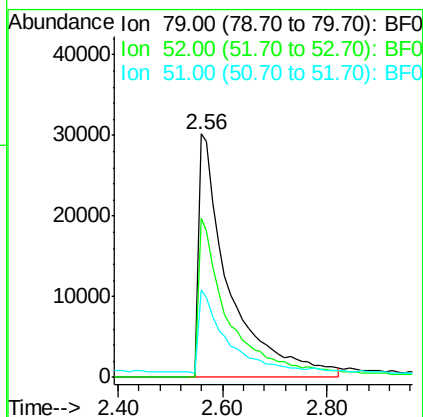
ClientSampleId :

ICVBF072716

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.48 ng

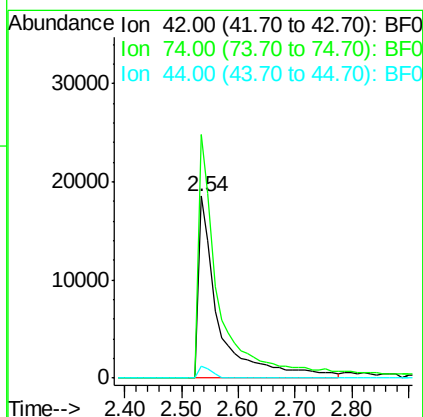
RT: 2.54 min Scan# 83

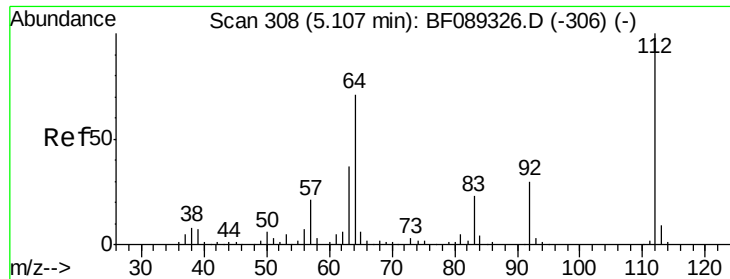
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:	42	Resp:	45046
Ion	Ratio	Lower	Upper
42	100		
74	134.0	110.8	166.2
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 85.34 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

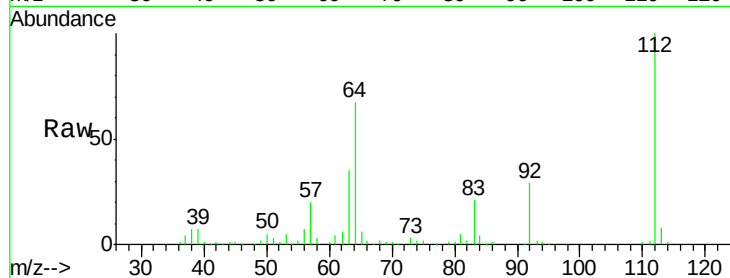
ICVBF072716

Tot Ion:	112	Resp:	244478
Ion Ratio	Lower	Upper	
112	100		
64	66.7	55.0	82.6
63	34.9	29.4	44.2

Manual Integrations

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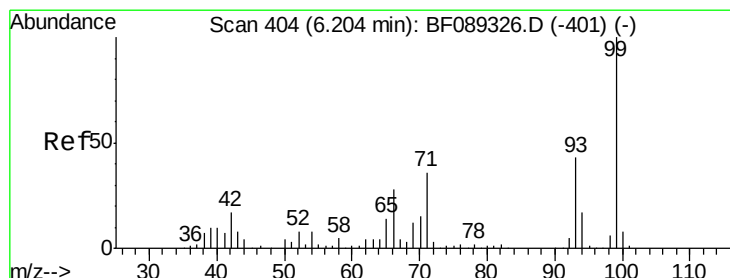
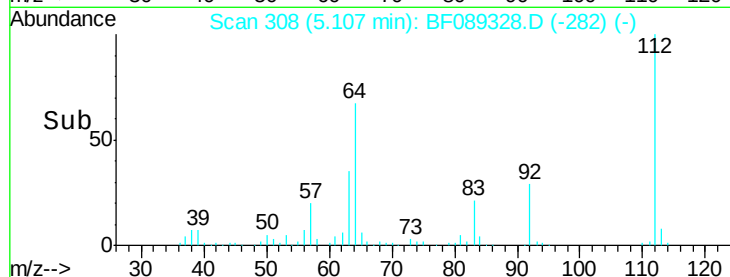
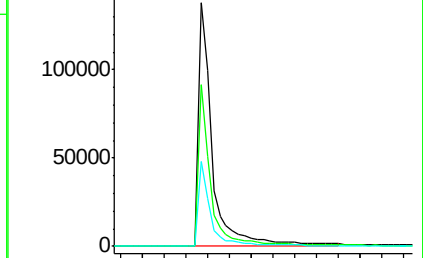
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.91 ng

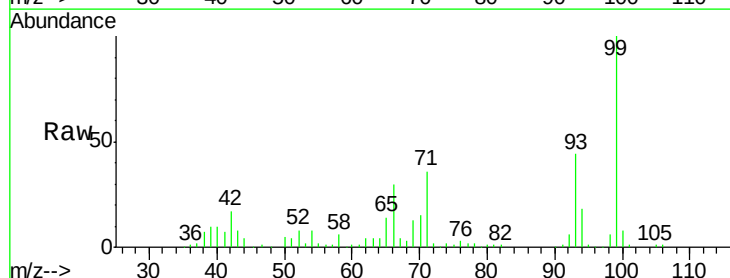
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

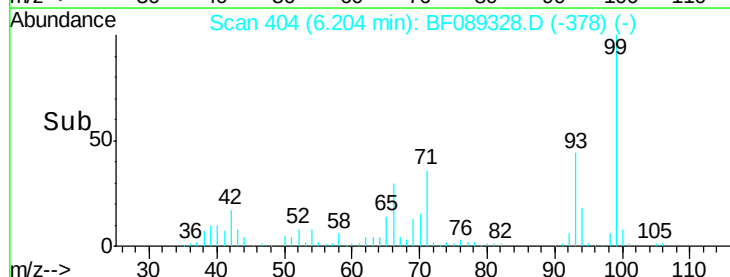
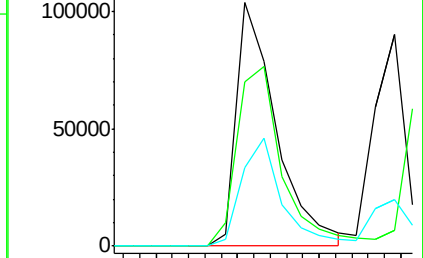
Tgt Ion:	93	Resp:	175398
Ion Ratio	Lower	Upper	
93	100		
66	67.3	51.6	77.4
65	32.2	24.7	37.1

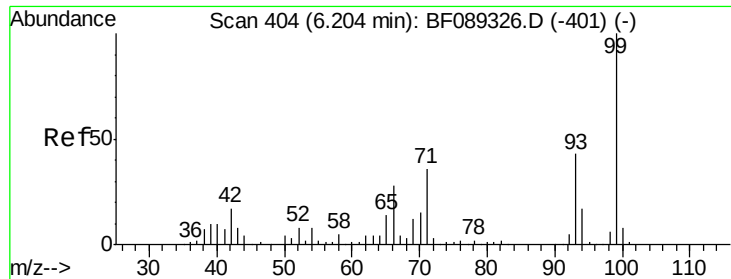


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.87 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion: 99 Resp: 321281

Ion Ratio Lower Upper

99 100

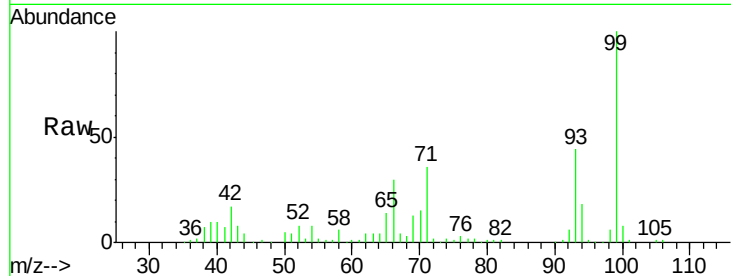
42 17.4 13.6 20.4

71 36.5 29.4 44.2

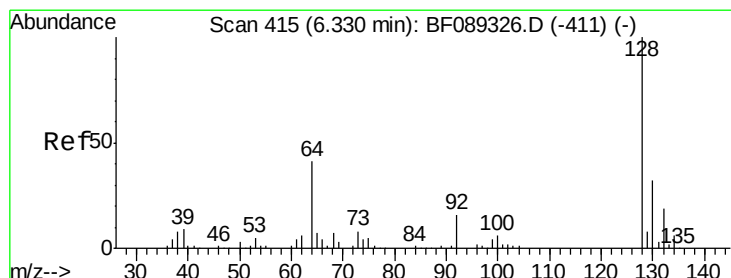
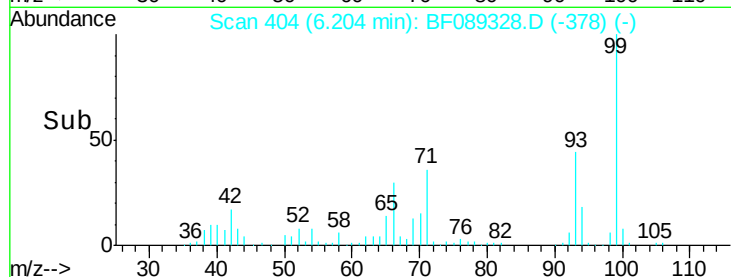
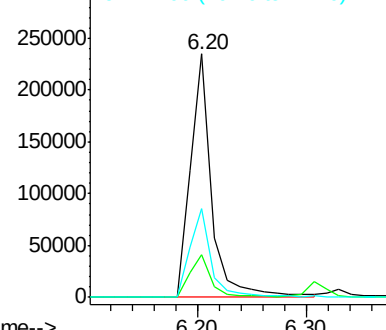
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.47 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

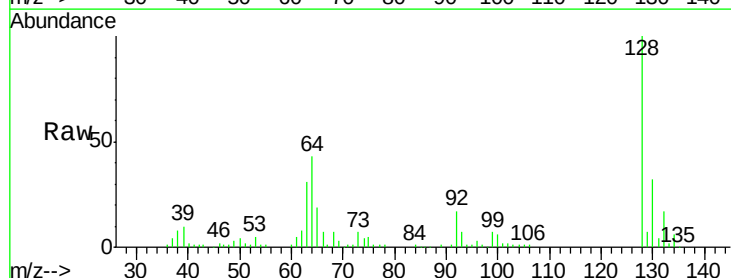
Tgt Ion: 128 Resp: 140849

Ion Ratio Lower Upper

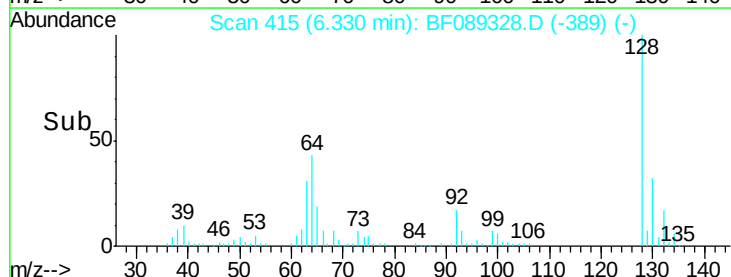
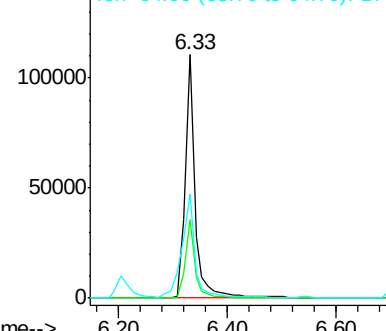
128 100

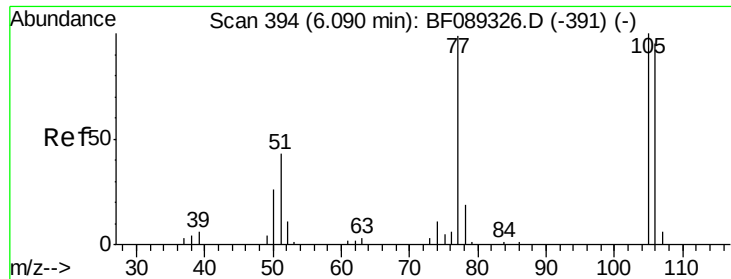
130 32.2 12.6 52.6

64 42.8 22.1 62.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.17 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089328.D

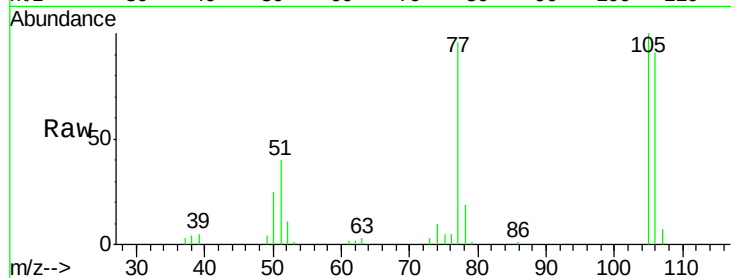
Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716



Tot Ion: 77 Resp: 74246

Ion Ratio Lower Upper

77 100

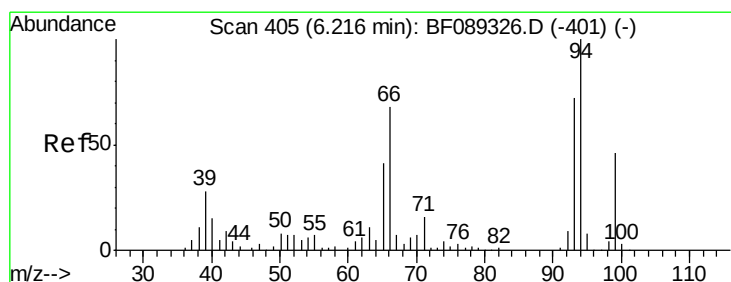
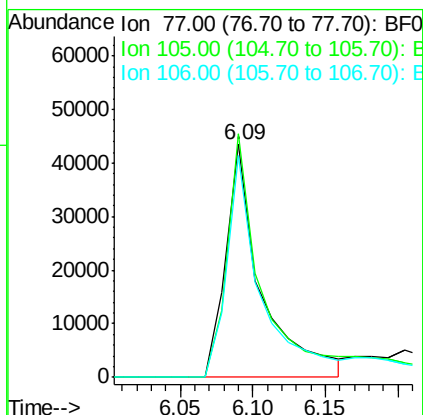
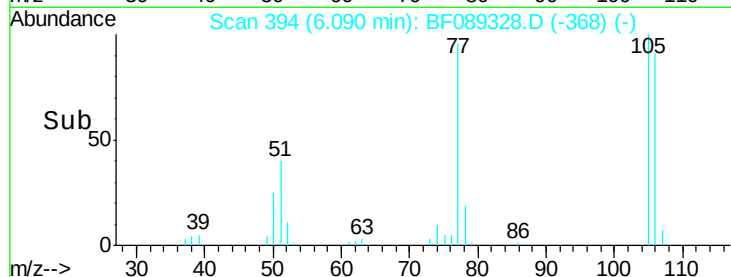
105 104.5 82.9 122.9

106 95.1 75.9 115.9

Manual Integrations

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#10

Phenol

Concen: 44.45 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

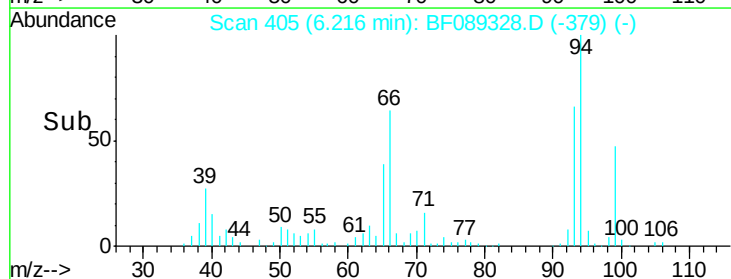
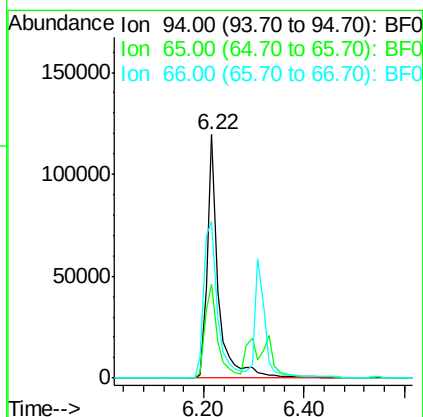
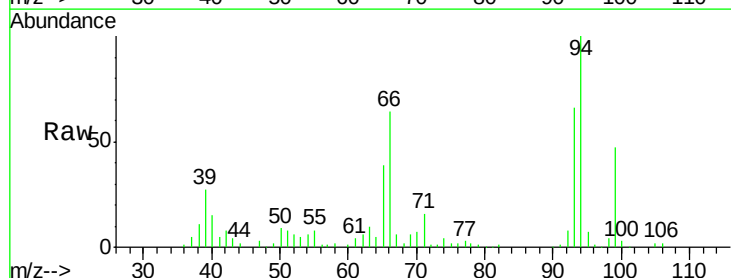
Tgt Ion: 94 Resp: 185695

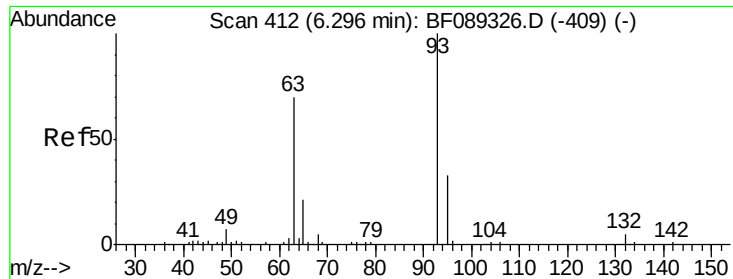
Ion Ratio Lower Upper

94 100

65 38.5 19.1 59.1

66 64.2 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 40.91 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion: 93 Resp: 145193

Ion Ratio Lower Upper

93 100

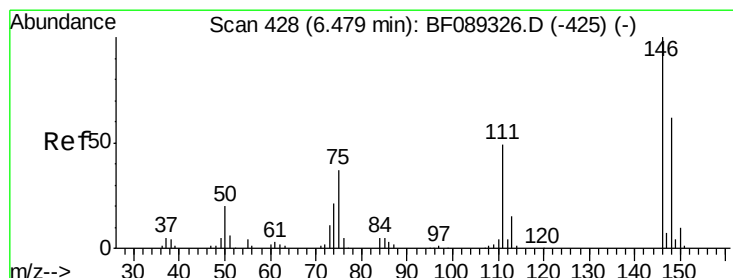
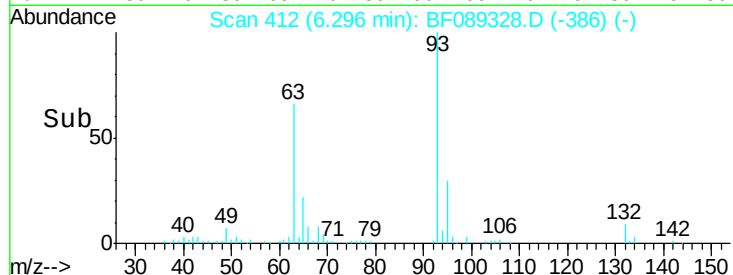
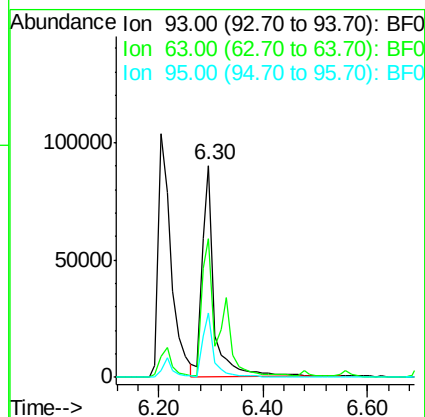
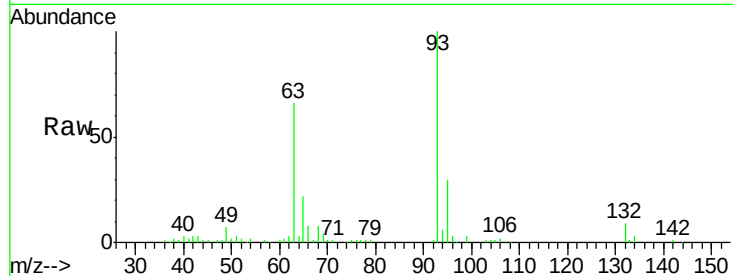
63 65.5 45.6 85.6

95 30.2 11.1 51.1

Manual Integrations

sohil

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#12

1,3-Dichlorobenzene

Concen: 42.40 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

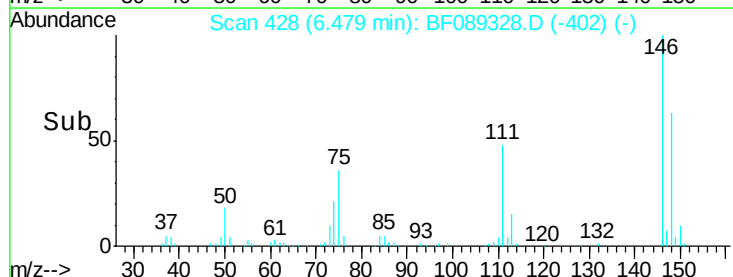
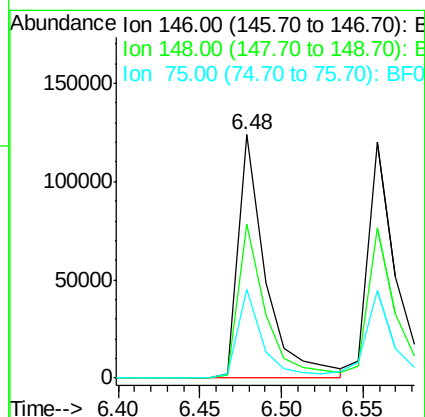
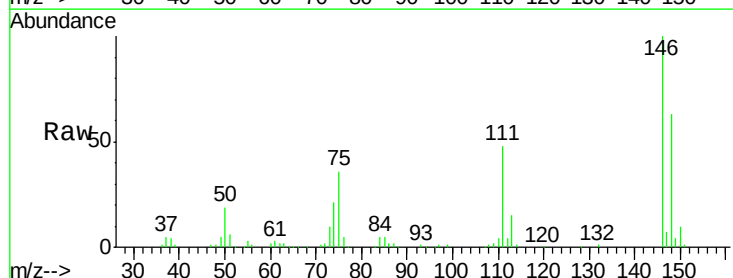
Tgt Ion: 146 Resp: 143708

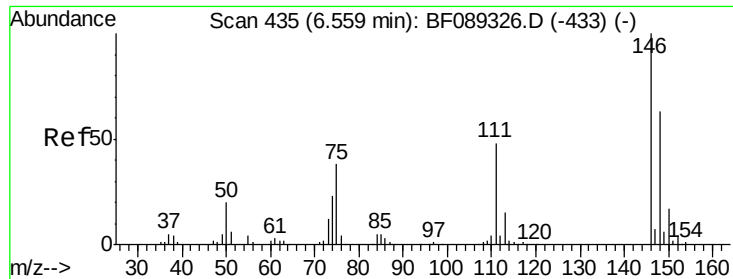
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

75 36.2 30.0 45.0





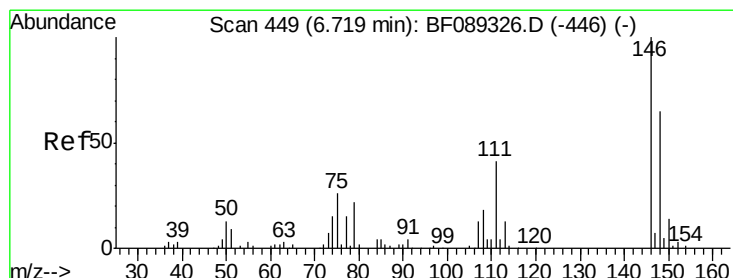
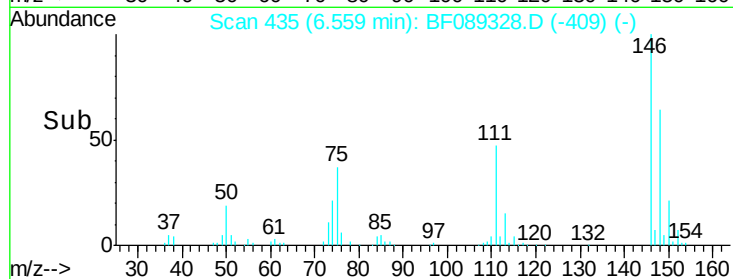
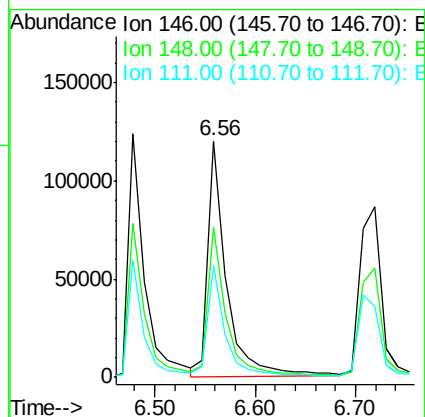
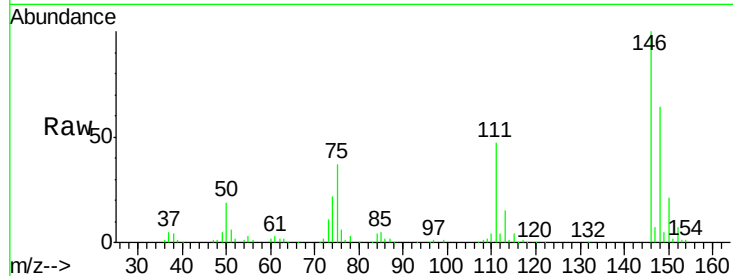
#13
1,4-Dichlorobenzene
Concen: 41.75 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	47.3	38.6	57.8

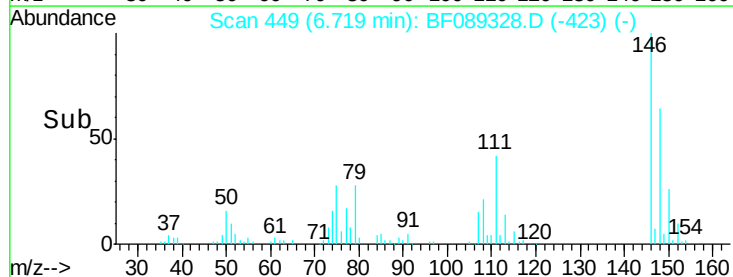
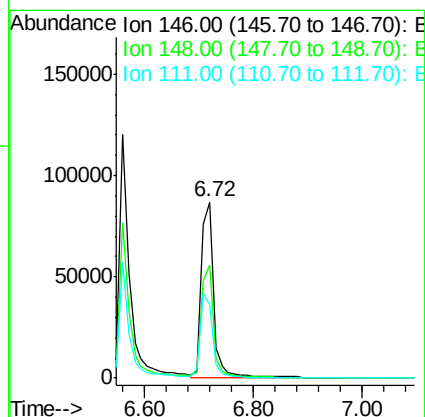
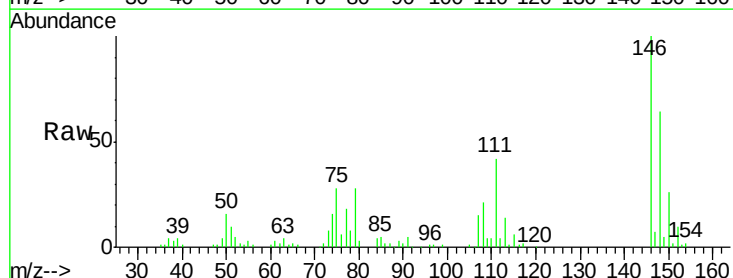
Manual Integrations

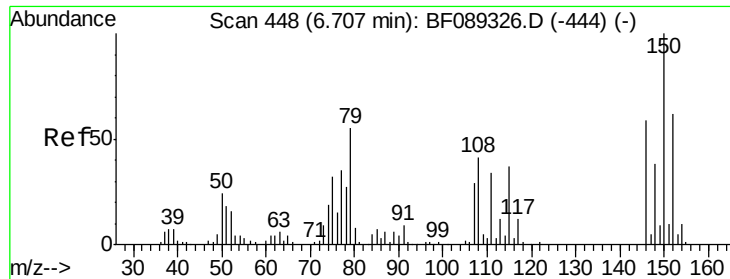
sohil
7/28/2016 4:55:57 PM



#14
1,2-Dichlorobenzene
Concen: 39.62 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.7	33.0	49.4





#15

Benzyl Alcohol

Concen: 44.51 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion: 79 Resp: 104566

Ion Ratio Lower Upper

79 100

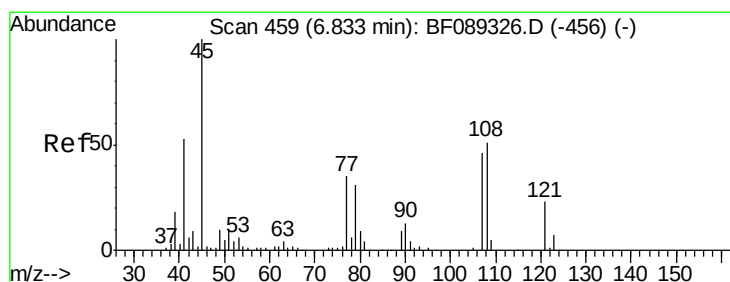
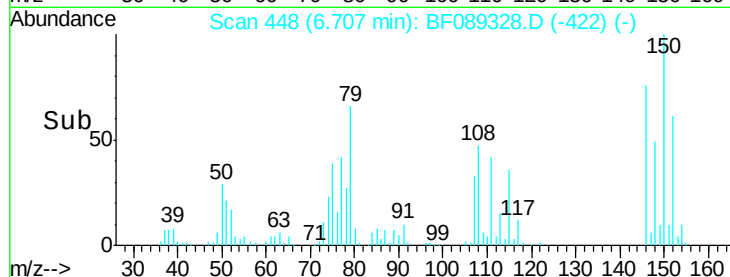
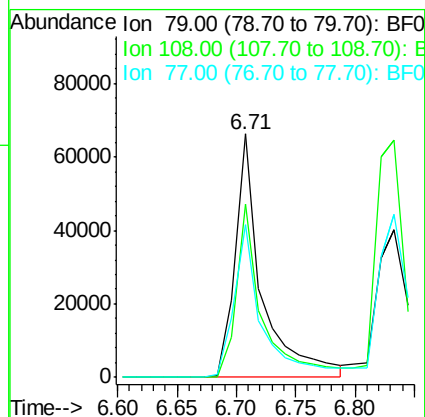
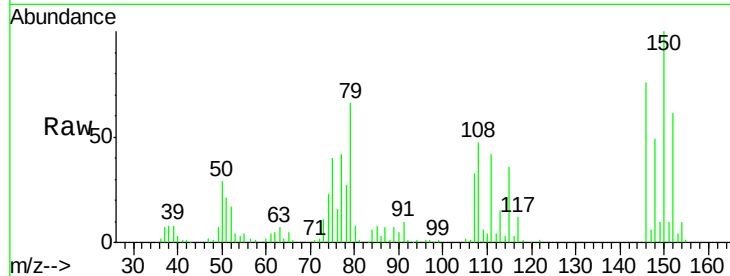
108 71.3 59.8 89.6

77 62.5 51.7 77.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.89 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

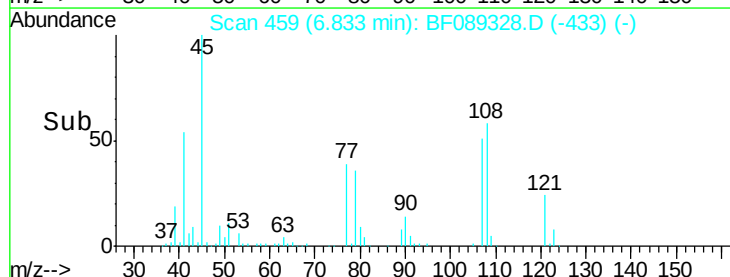
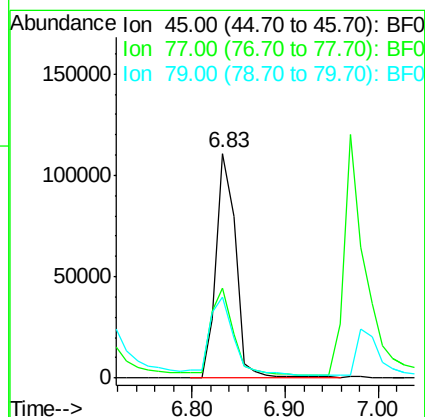
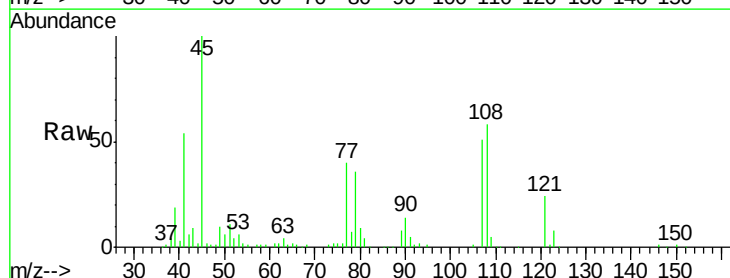
Tgt Ion: 45 Resp: 162170

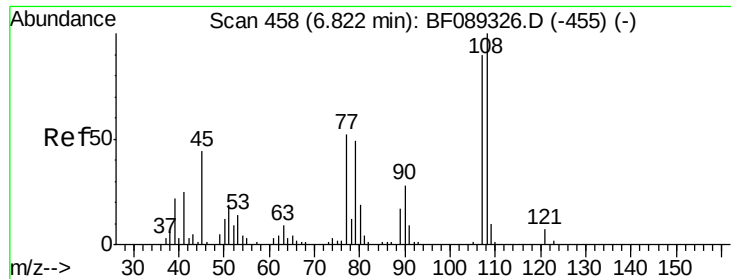
Ion Ratio Lower Upper

45 100

77 40.1 17.3 57.3

79 36.1 13.9 53.9





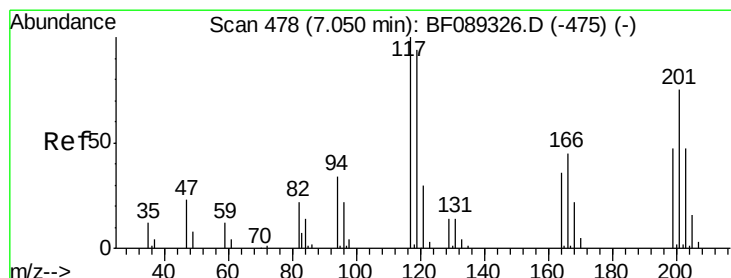
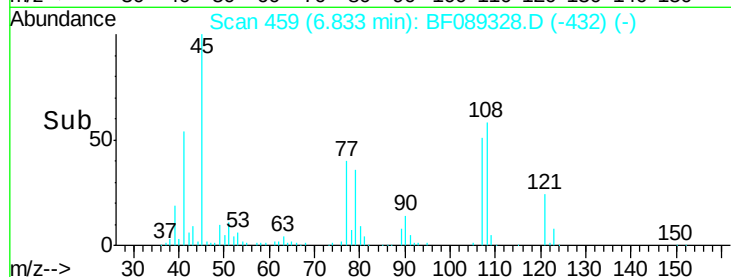
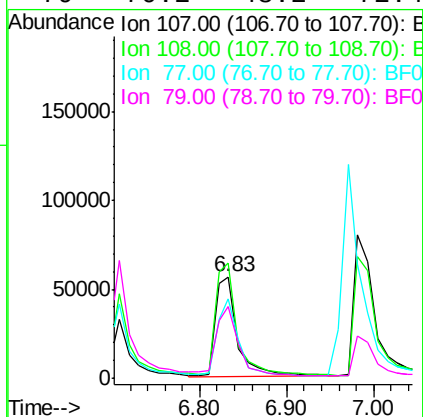
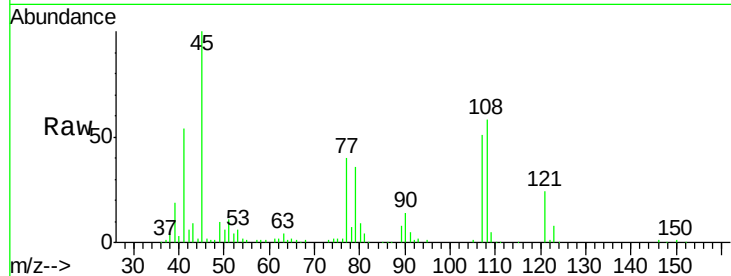
#17
2-Methylphenol
Concen: 40.42 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	107	Resp	101239
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.4	137.0
77	77.9	48.6	73.0#
79	70.2	48.2	72.4

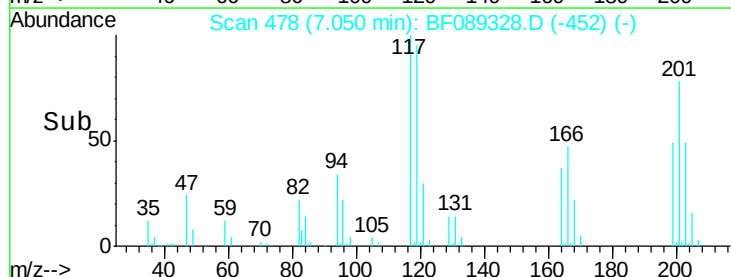
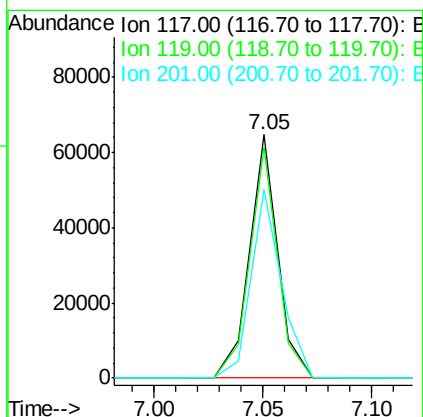
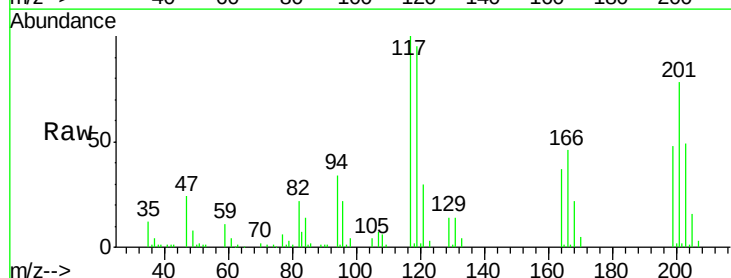
Manual Integrations

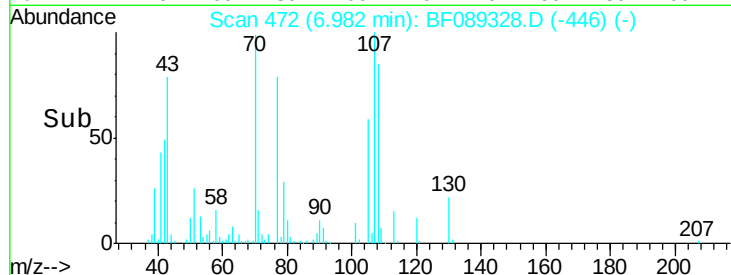
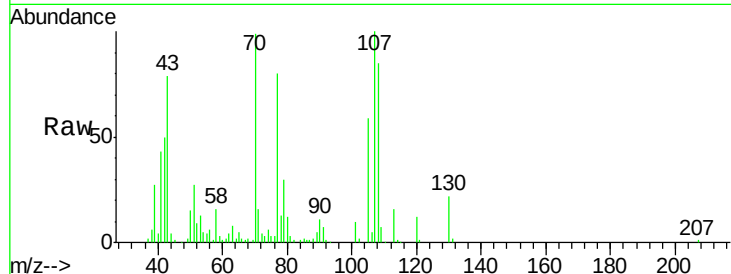
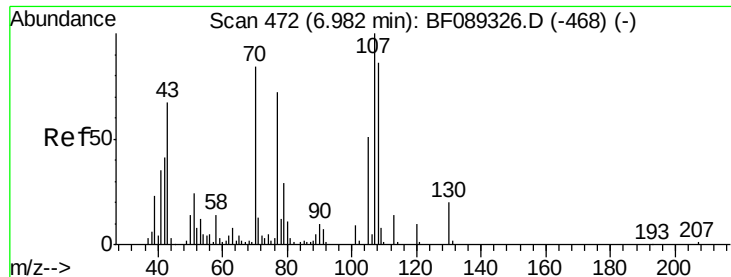
sohil
7/28/2016 4:55:57 PM



#18
Hexachloroethane
Concen: 40.56 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	117	Resp	58166
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.0	114.0
201	77.6	60.0	90.0





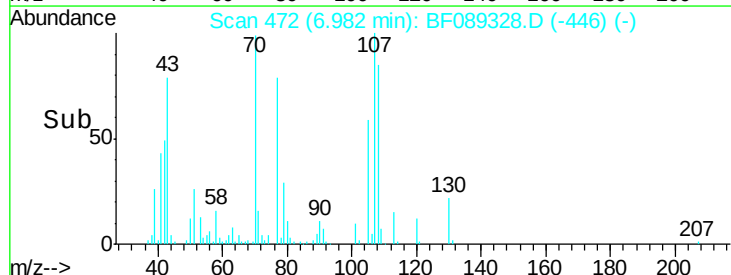
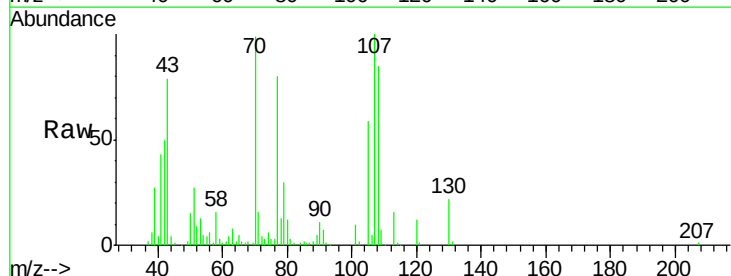
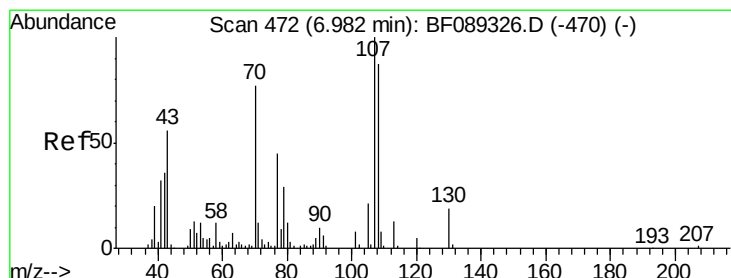
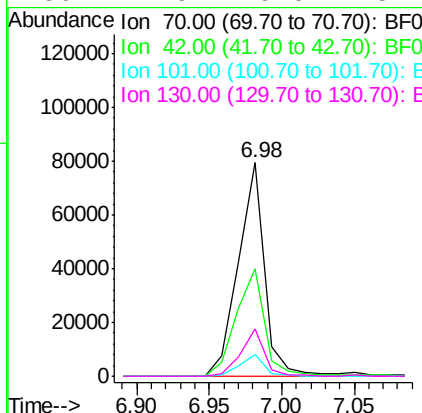
#19
n-Nitroso-di-n-propylamine
Concen: 43.90 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.3	38.6	57.8	
101	9.9	8.3	12.5	
130	21.9	19.0	28.4	

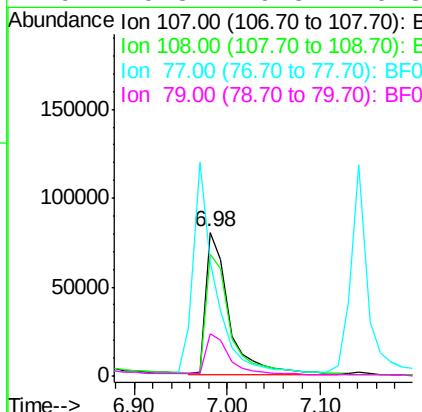
Manual Integrations

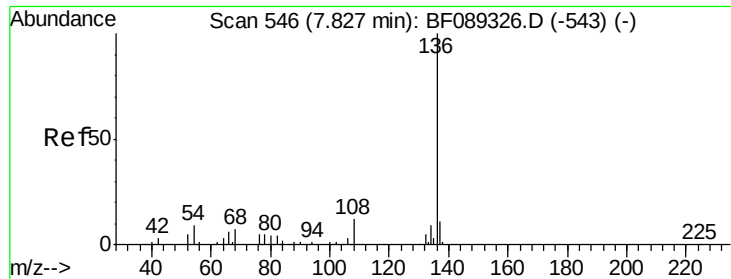
sohil
7/28/2016 4:55:57 PM



#20
3+4-Methylphenols
Concen: 43.05 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	63.3	103.3	
77	79.8	51.1	91.1	
79	29.8	9.3	49.3	





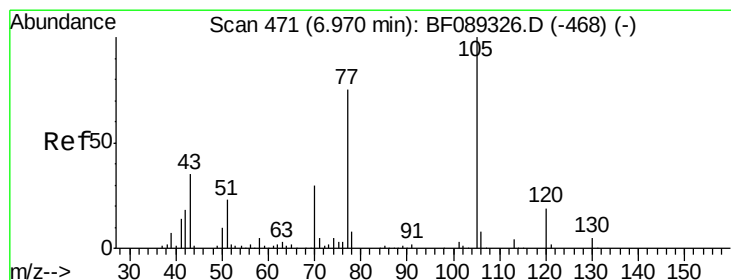
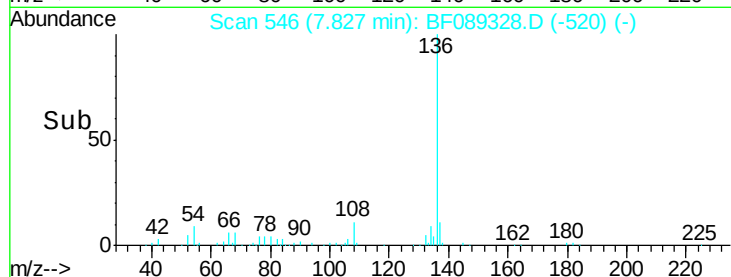
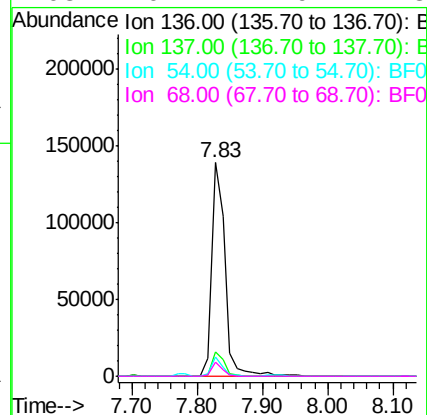
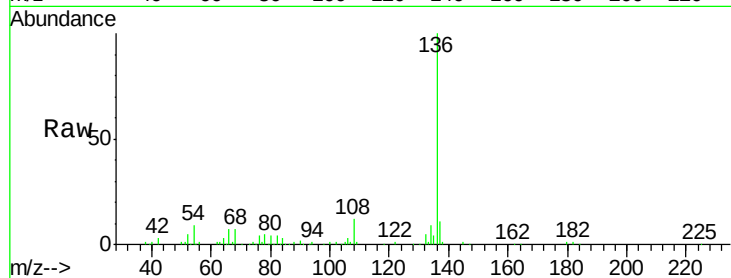
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		198069		
137	11.1	8.6	13.0		
54	8.8	7.0	10.4		
68	6.7	4.9	7.3		

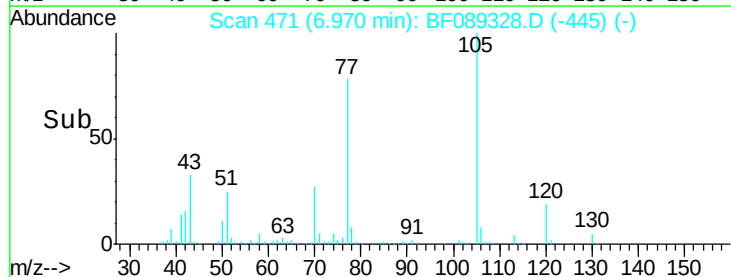
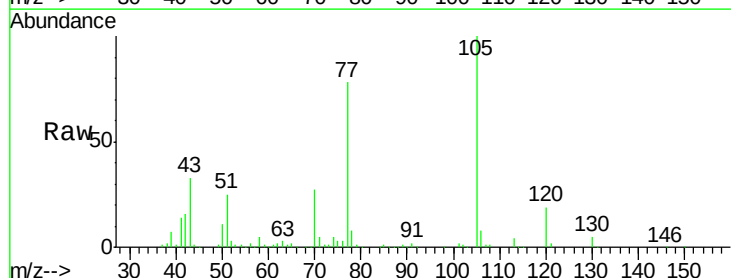
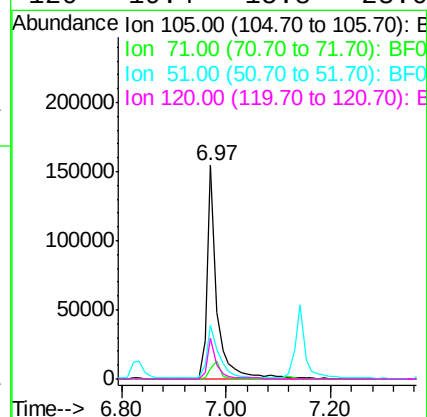
Manual Integrations

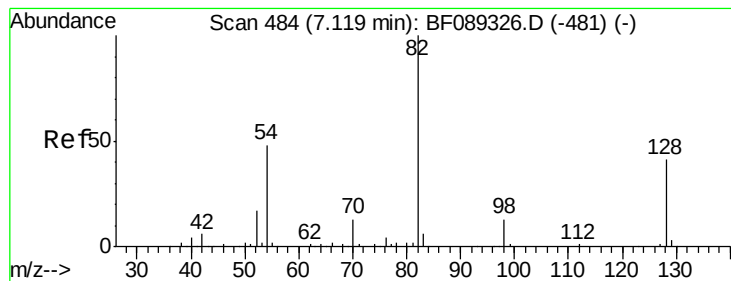
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#22
Acetophenone
Concen: 43.13 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		203369		
71	4.6	4.2	6.2		
51	25.0	18.7	28.1		
120	19.4	15.8	23.6		





#23

Nitrobenzene-d5

Concen: 85.02 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

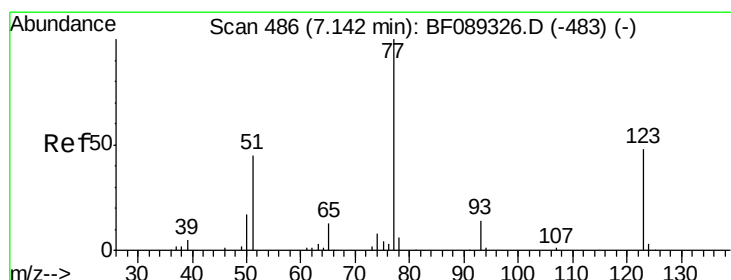
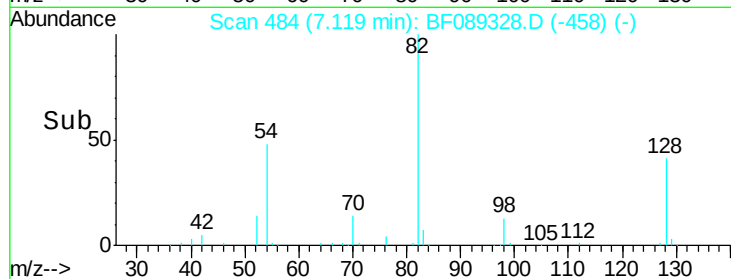
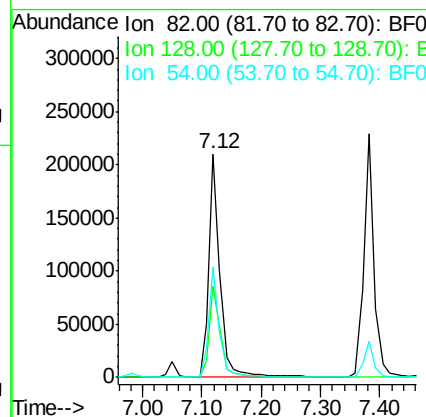
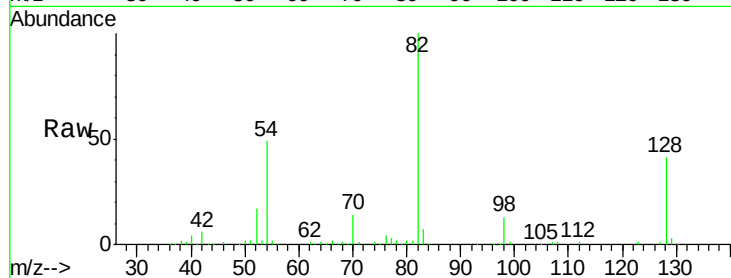
ICVBF072716

Tot Ion:	82	Resp:	285286
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.5	48.7
54	49.1	38.8	58.2

Manual Integrations

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#24

Nitrobenzene

Concen: 41.32 ng

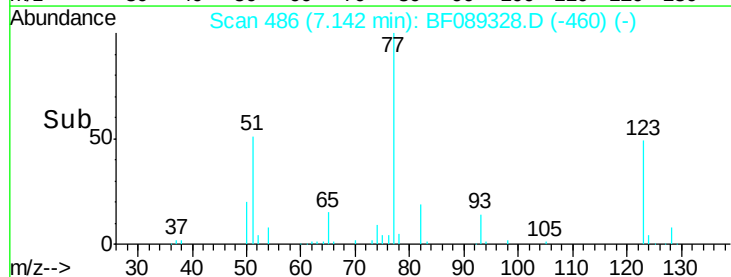
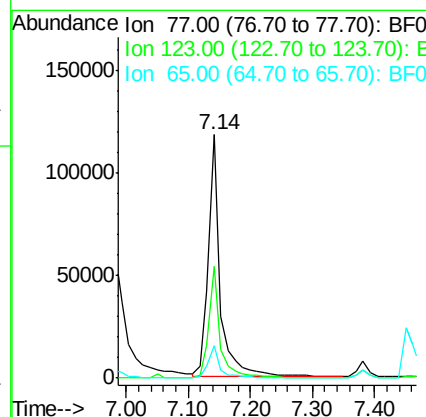
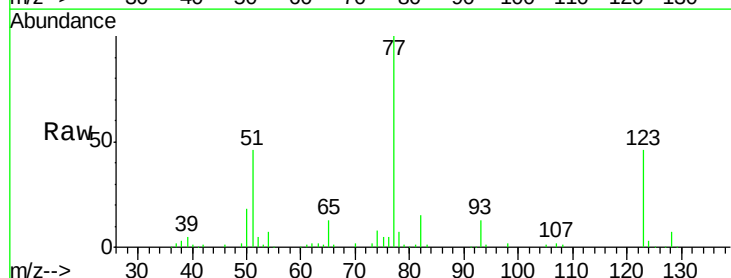
RT: 7.14 min Scan# 486

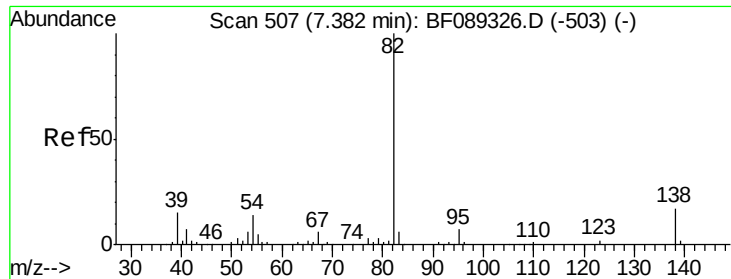
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:	77	Resp:	157802
Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 42.05 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

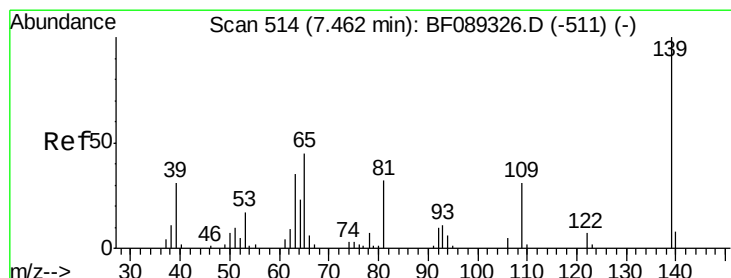
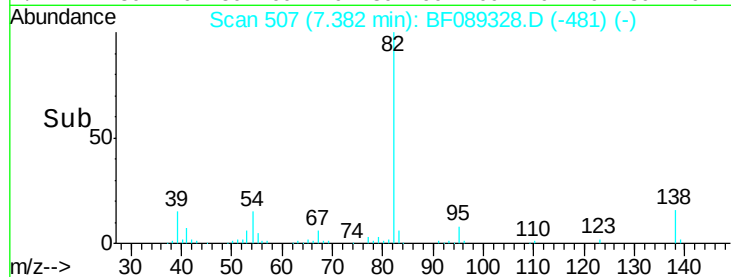
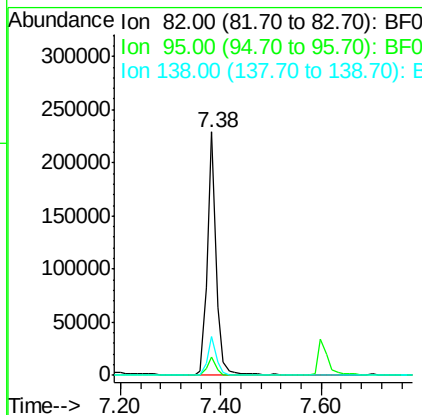
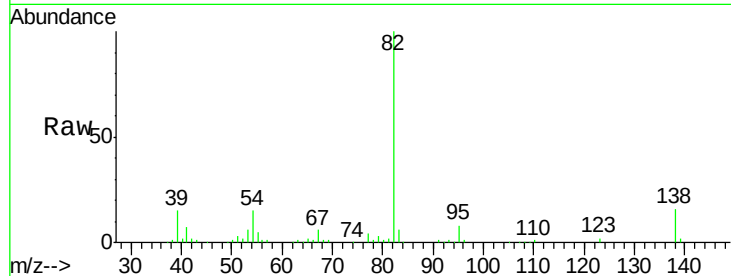
ICVBF072716

Tot Ion:	82	Resp:	284249
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.0	9.0
138	16.2	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.11 ng

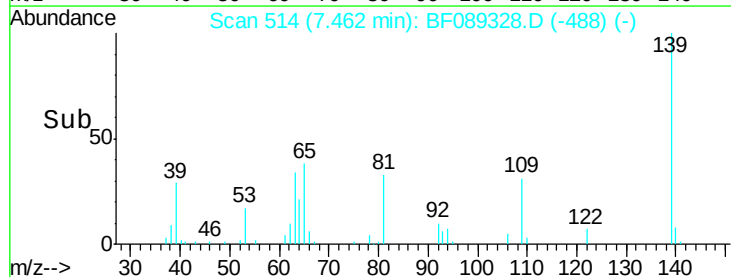
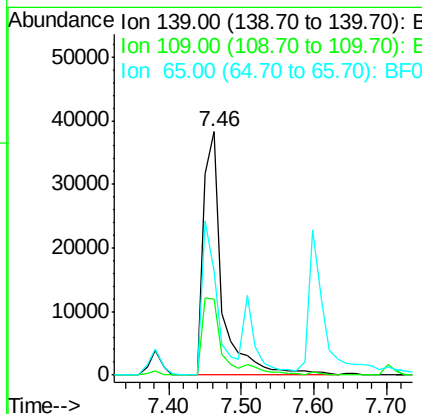
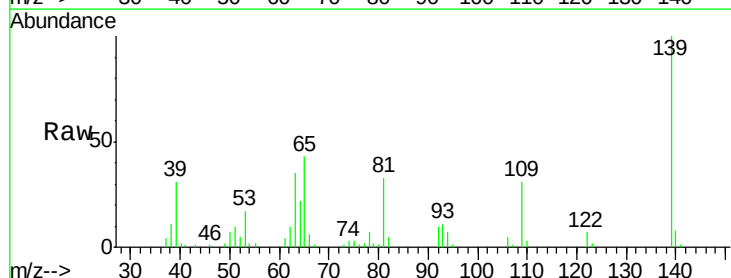
RT: 7.46 min Scan# 514

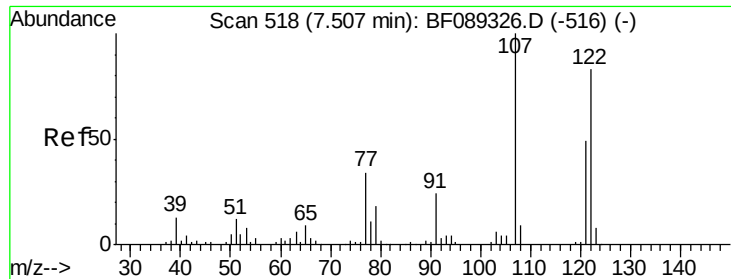
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:	139	Resp:	68481
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.8	38.8
65	42.8	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 42.21 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:122 Resp: 114829

Ion Ratio Lower Upper

122 100

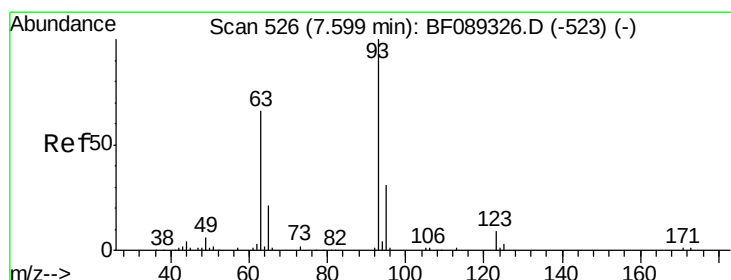
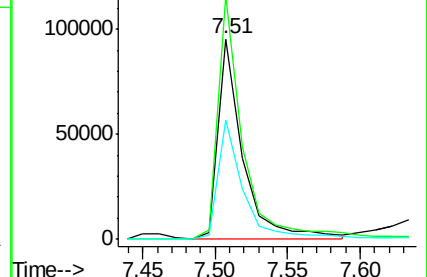
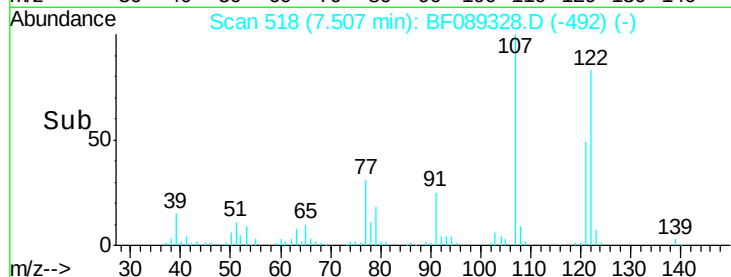
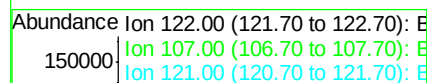
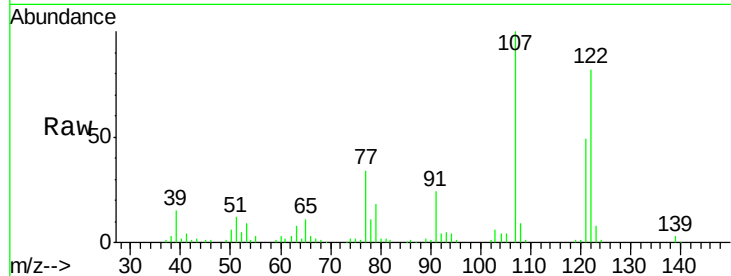
107 121.7 97.2 145.8

121 59.5 48.8 73.2

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 41.55 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

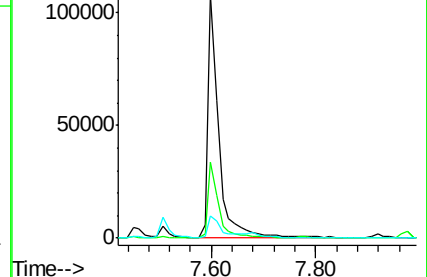
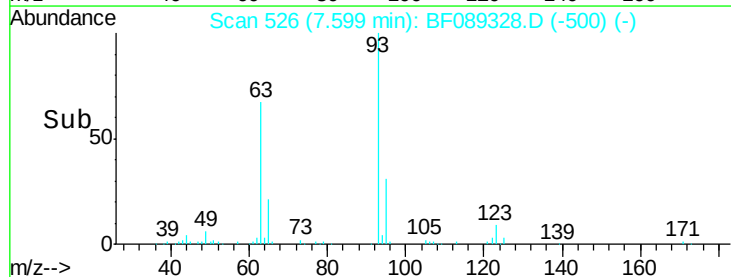
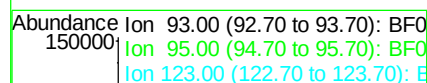
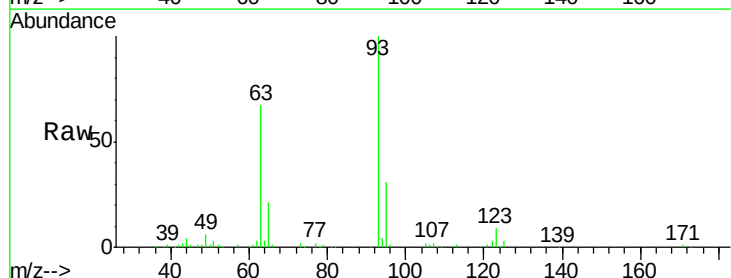
Tgt Ion: 93 Resp: 155482

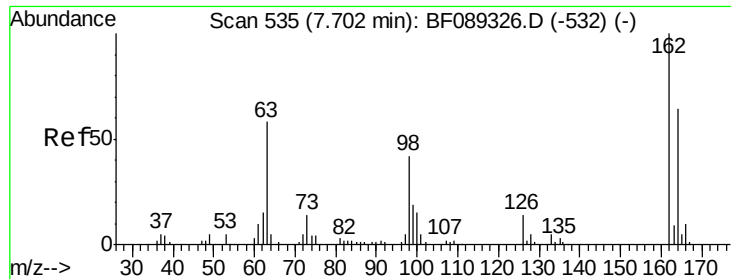
Ion Ratio Lower Upper

93 100

95 31.2 24.7 37.1

123 9.2 7.5 11.3





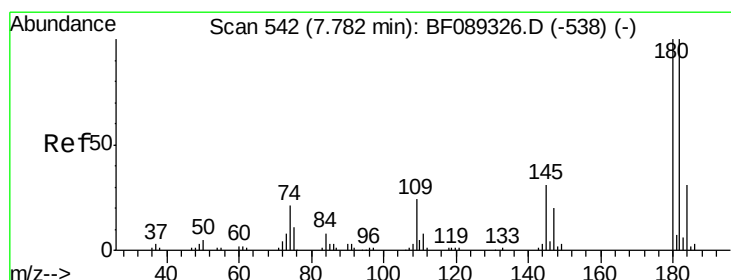
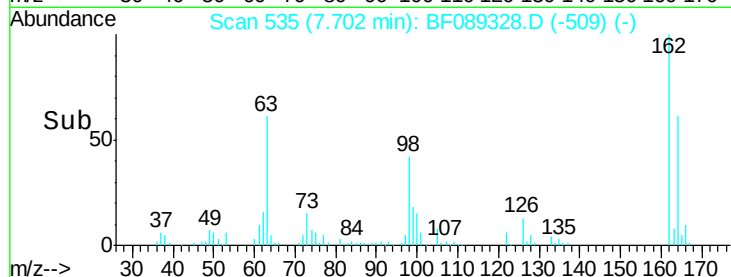
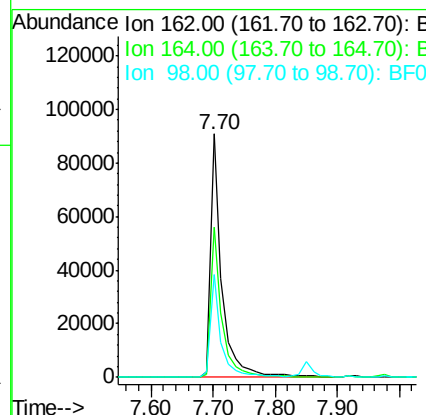
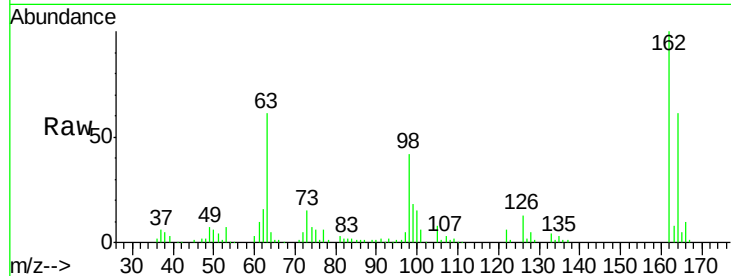
#29
 2,4-Dichlorophenol
 Concen: 45.90 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		113769		
164	61.5	44.0	84.0		
98	42.4	21.8	61.8		

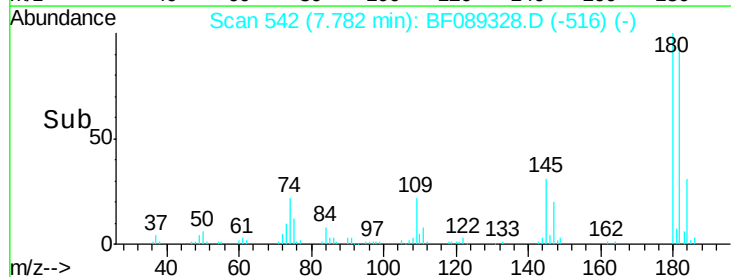
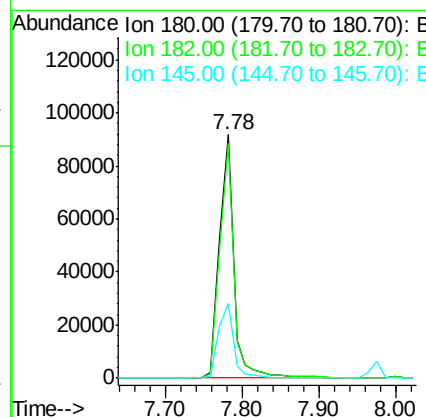
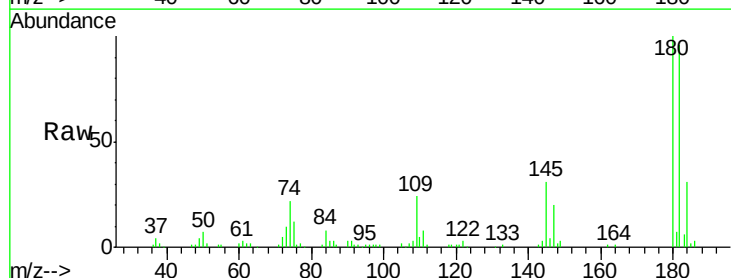
Manual Integrations

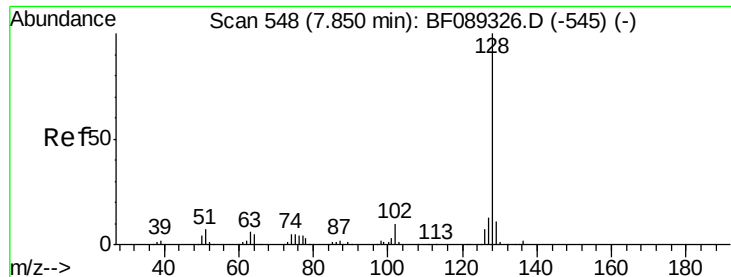
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.22 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		119398		
182	96.3	78.2	117.2		
145	30.9	24.6	36.8		





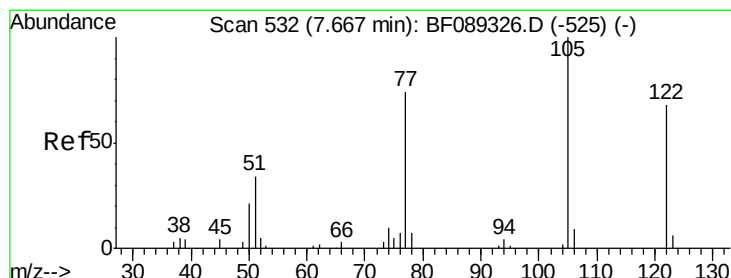
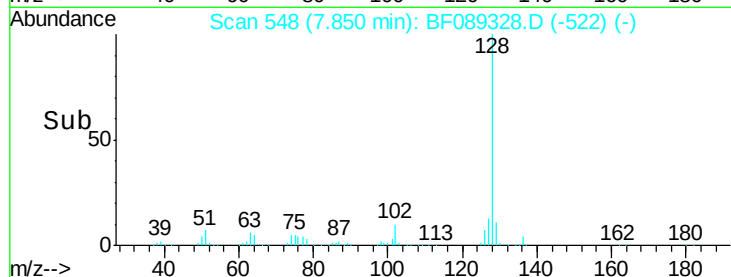
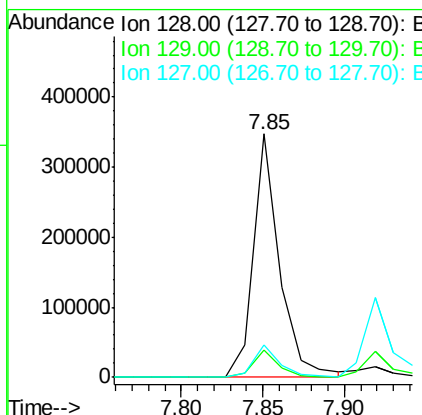
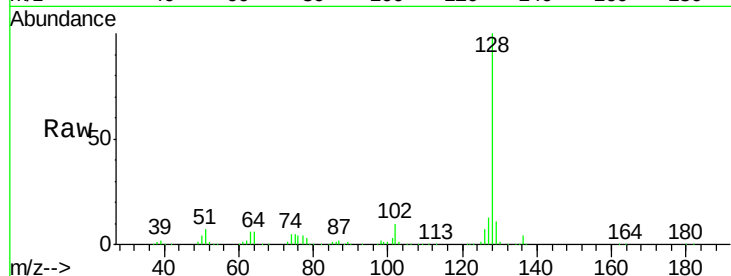
#31
Naphthalene
Concen: 39.67 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.8	16.2

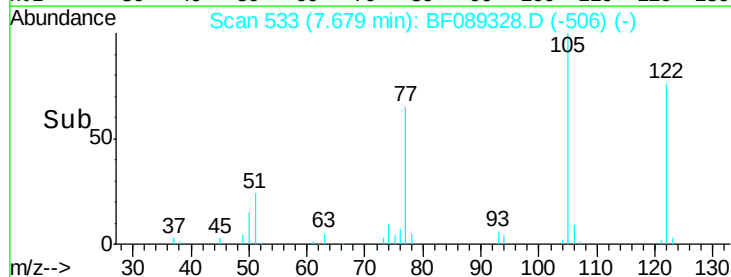
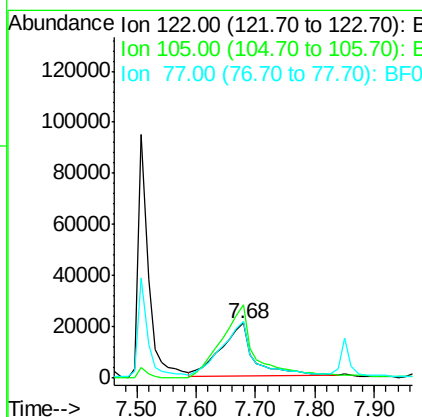
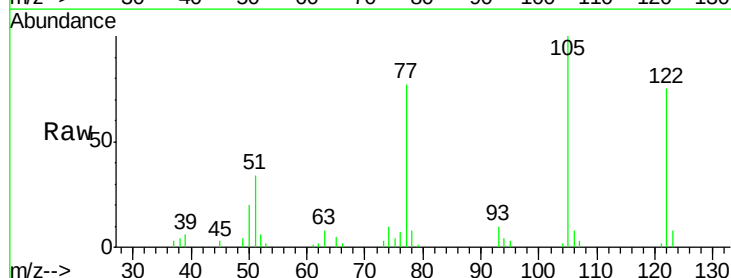
Manual Integrations

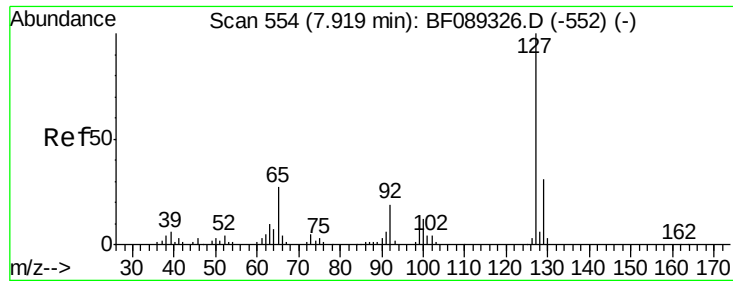
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#32
Benzoic acid
Concen: 42.65 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	106.4	146.4
77	102.2	76.4	116.4





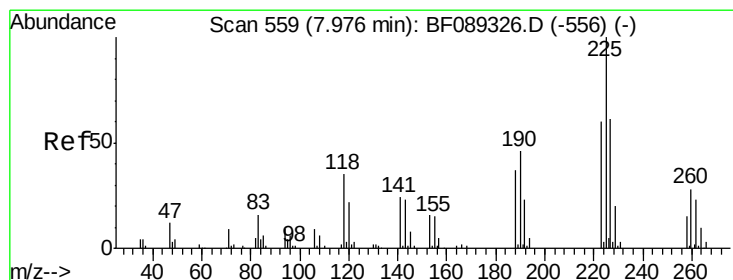
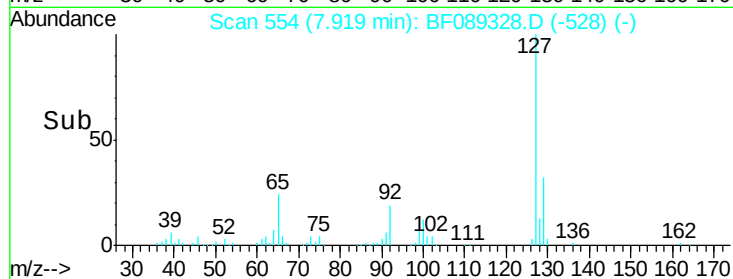
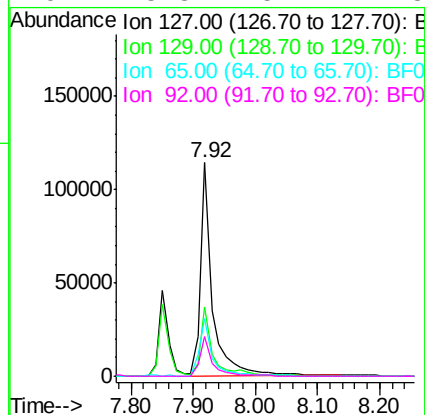
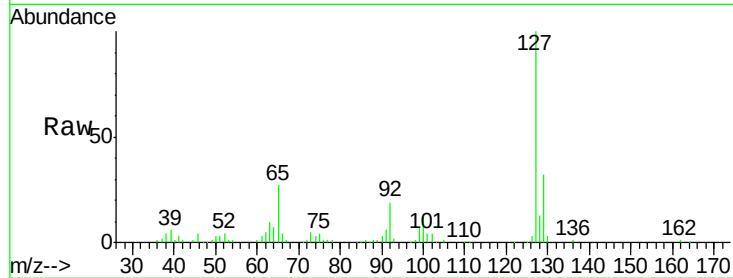
#33
4-Chloroaniline
Concen: 41.06 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		153323		
129	32.3	26.1	39.1		
65	26.9	22.0	33.0		
92	18.8	15.2	22.8		

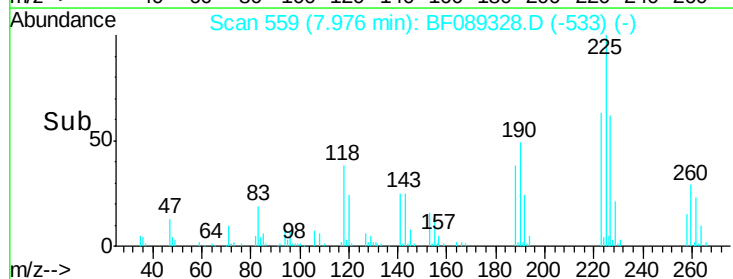
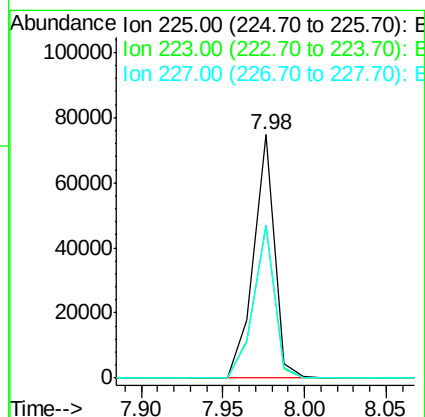
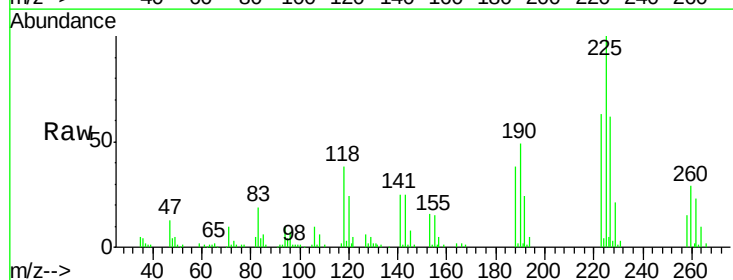
Manual Integrations

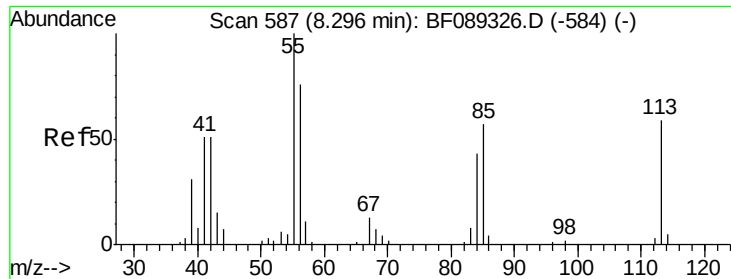
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#34
Hexachlorobutadiene
Concen: 41.52 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		67258		
223	62.7	49.8	74.8		
227	62.5	49.4	74.2		





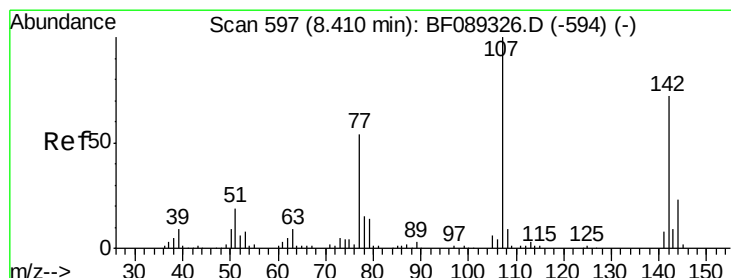
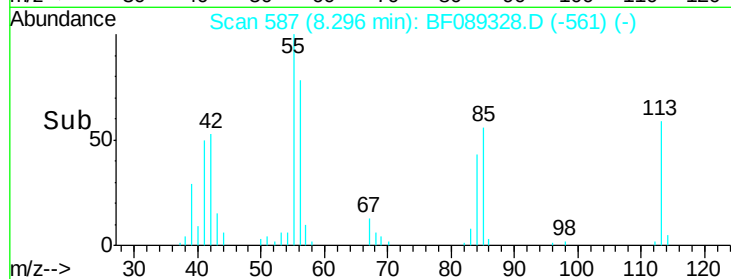
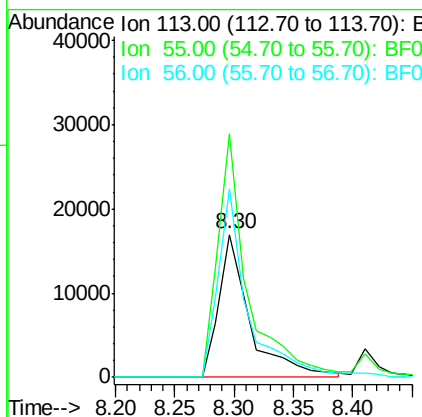
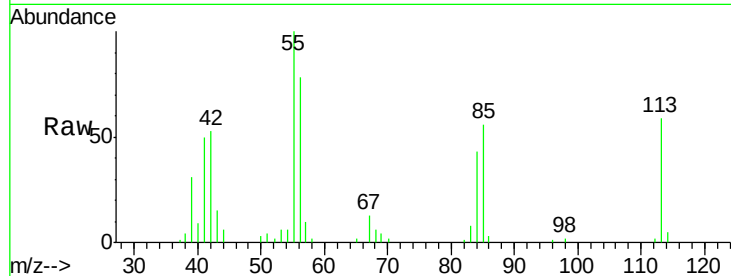
#35
Caprolactam
Concen: 41.21 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.5	142.3	182.3
56	132.2	105.8	145.8

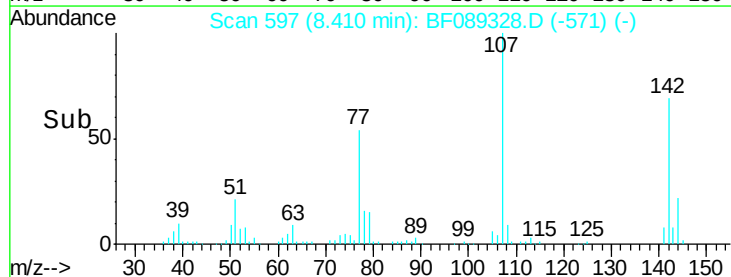
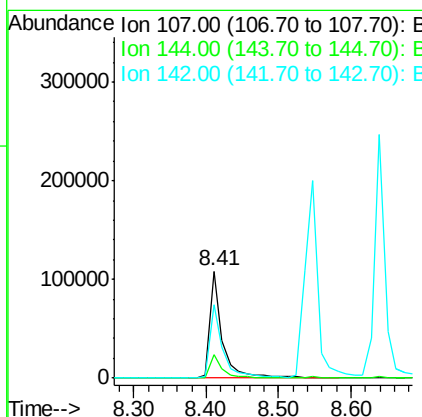
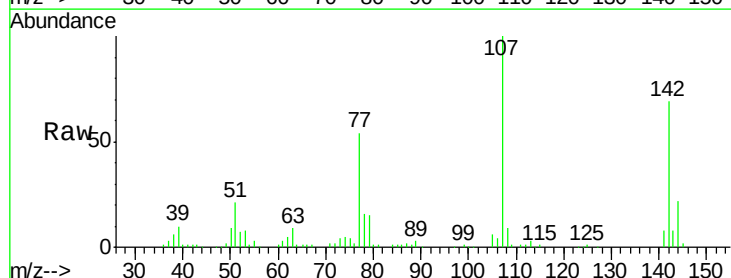
Manual Integrations

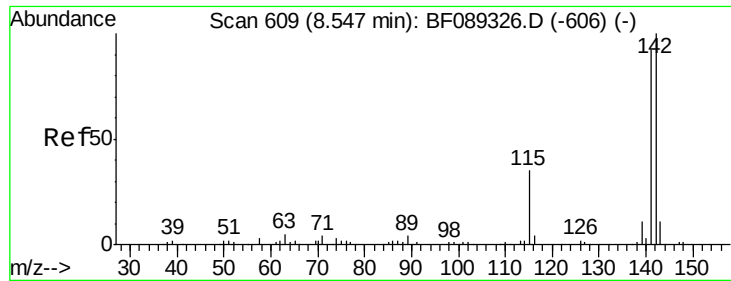
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#36
4-Chloro-3-methylphenol
Concen: 44.09 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	18.4	27.6
142	69.2	58.6	87.8





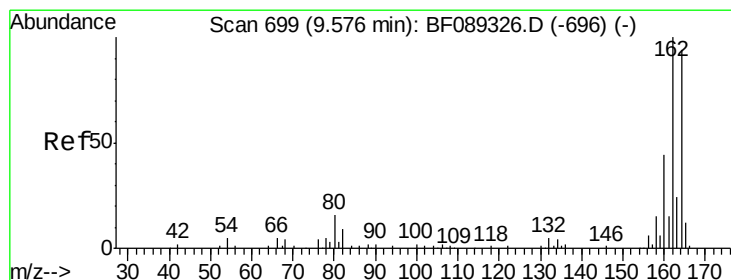
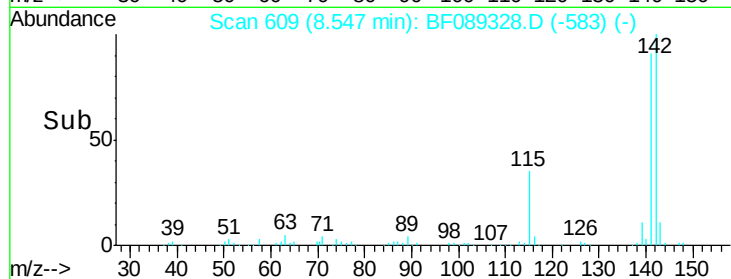
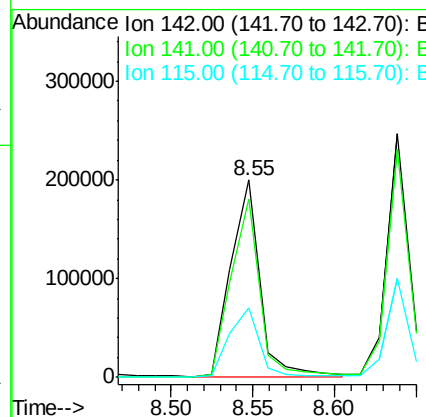
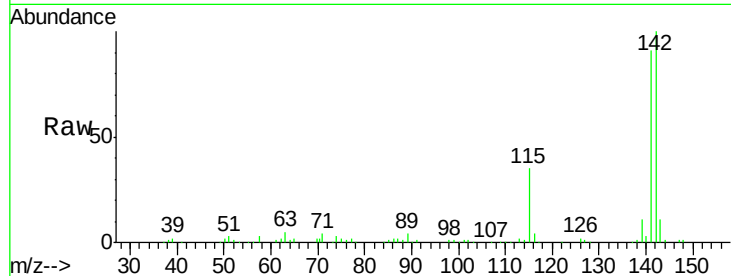
#37
2-Methylnaphthalene
Concen: 41.67 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.9	106.3
115	35.1	27.6	41.4

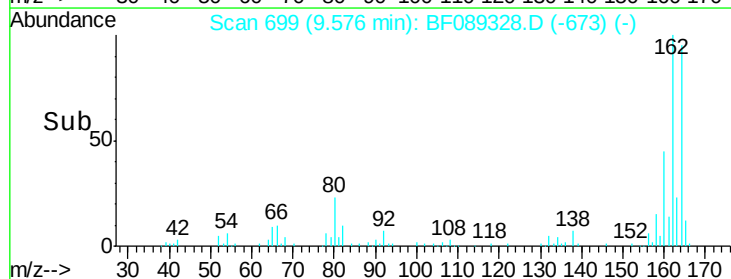
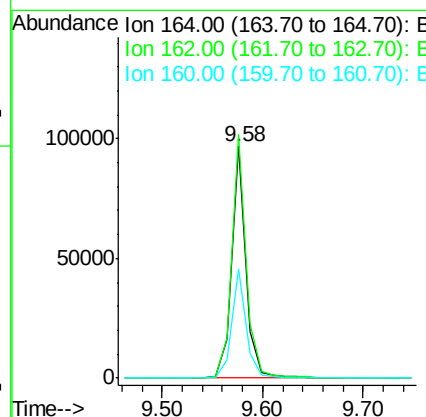
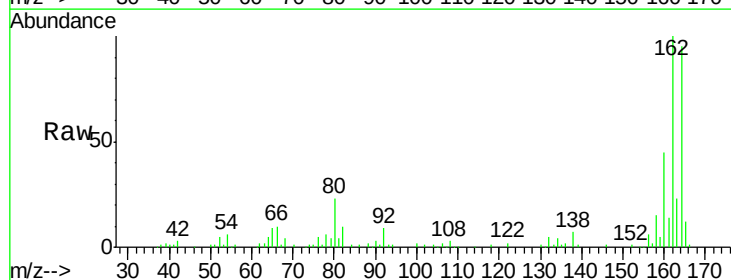
Manual Integrations

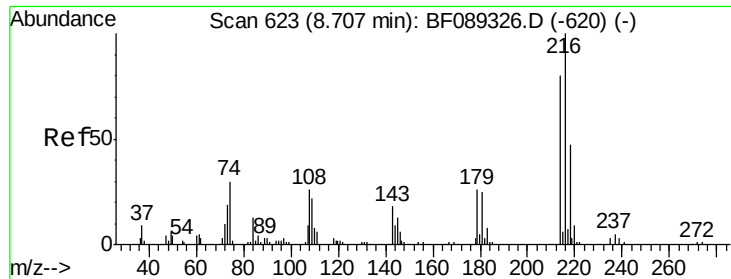
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.7	125.5
160	47.2	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.16 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089328.D

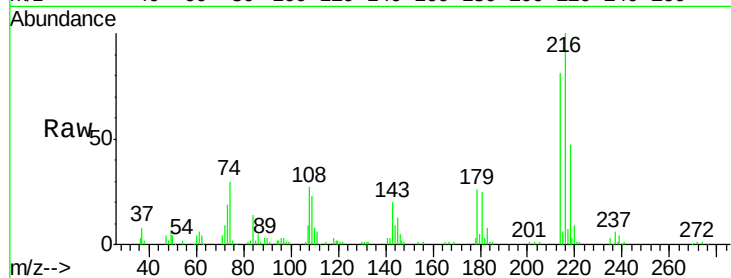
Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

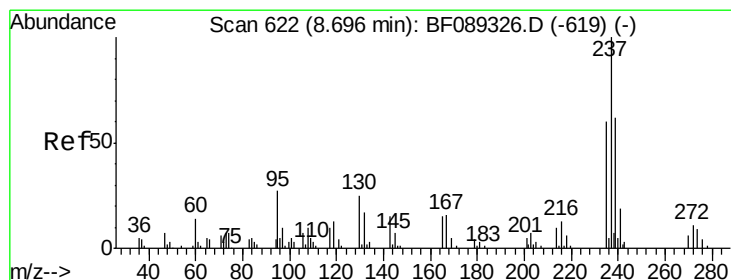
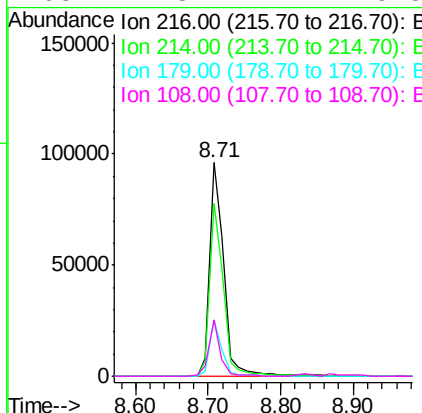
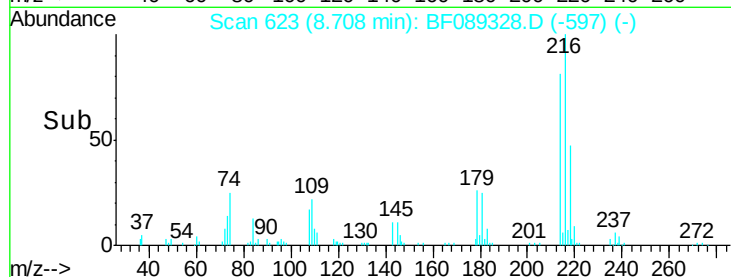


Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	22.9	18.1	27.1
108	21.8	17.2	25.8

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 40.18 ng

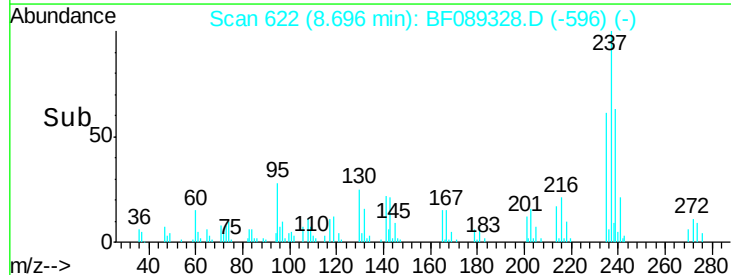
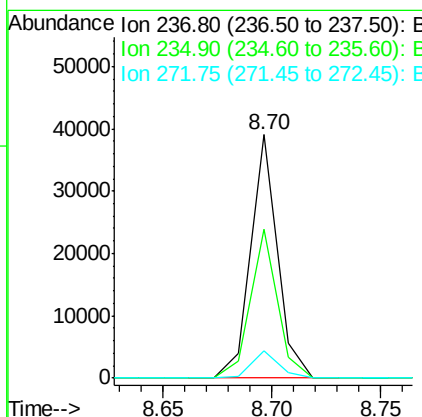
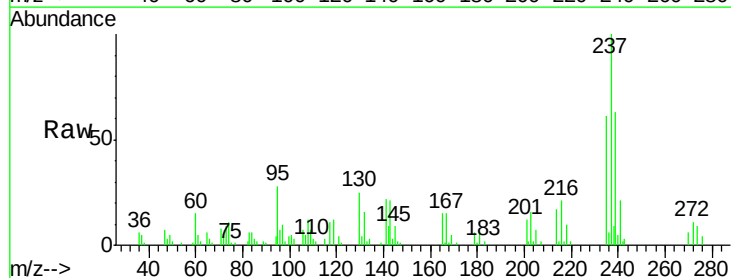
RT: 8.70 min Scan# 622

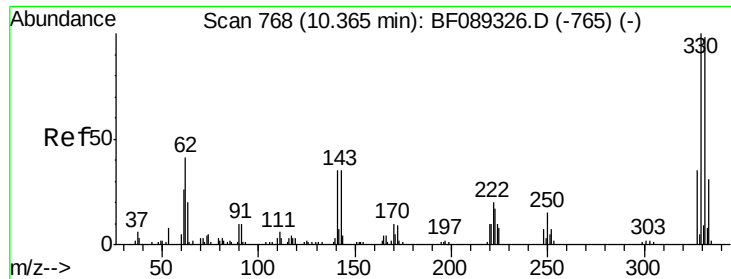
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.6	81.6
272	11.3	0.0	30.8





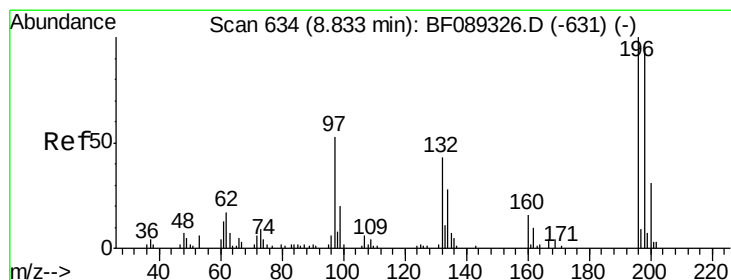
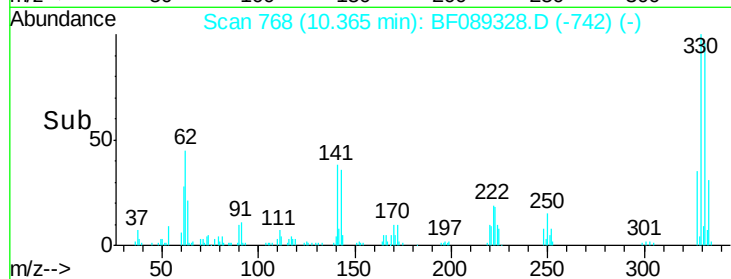
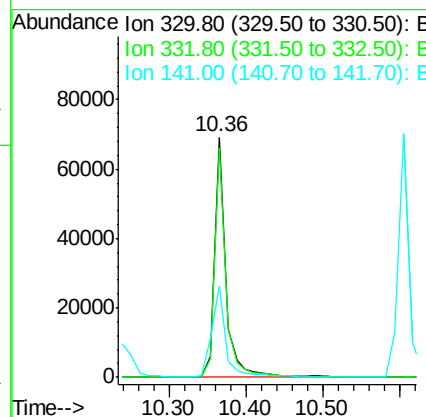
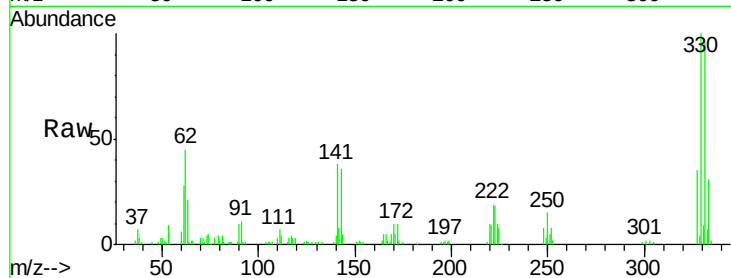
#41
 2,4,6-Tribromophenol
 Concen: 89.53 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	47.3	37.3	55.9

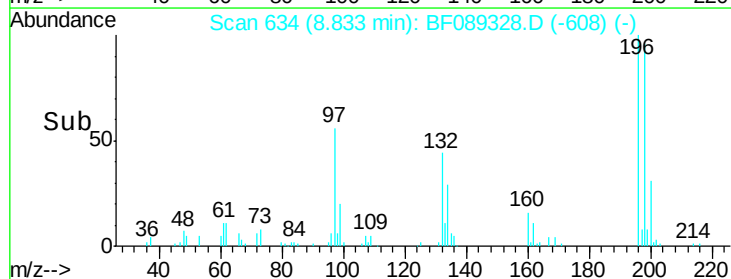
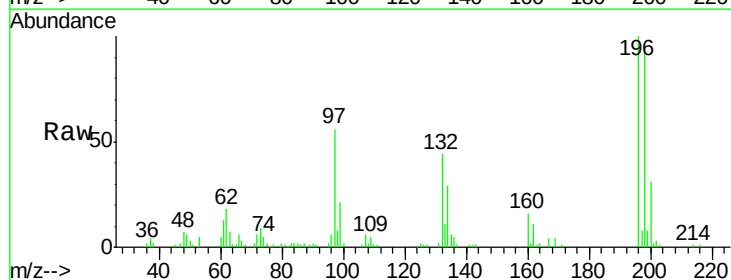
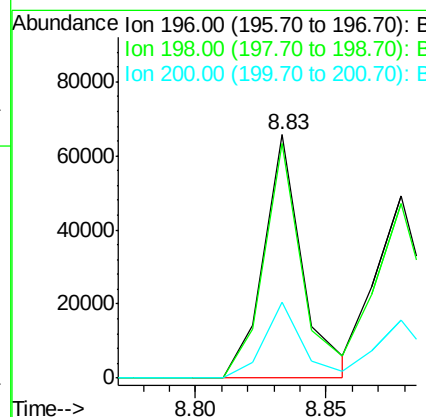
Manual Integrations

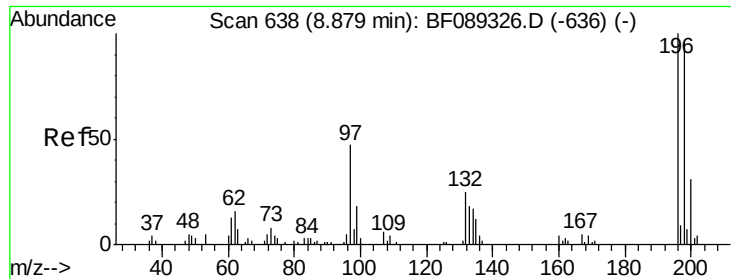
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#42
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.5	113.3
200	31.2	23.9	35.9





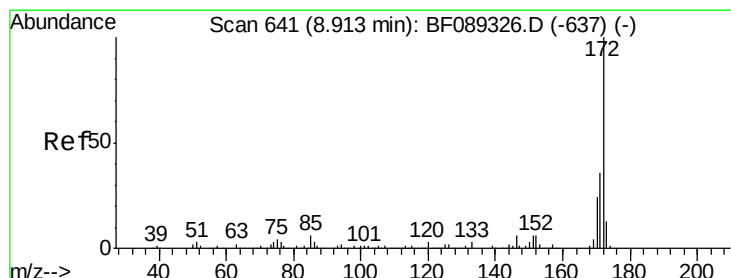
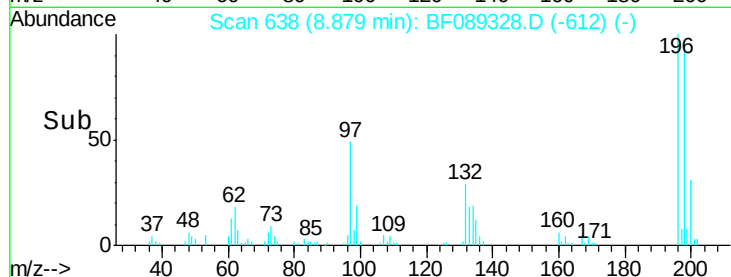
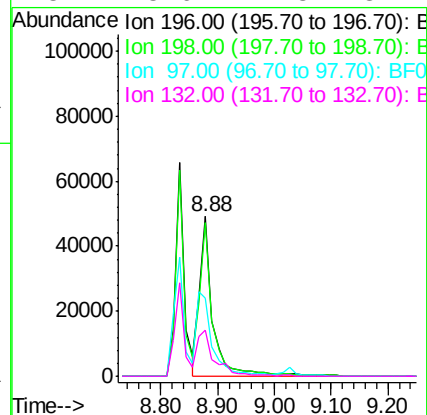
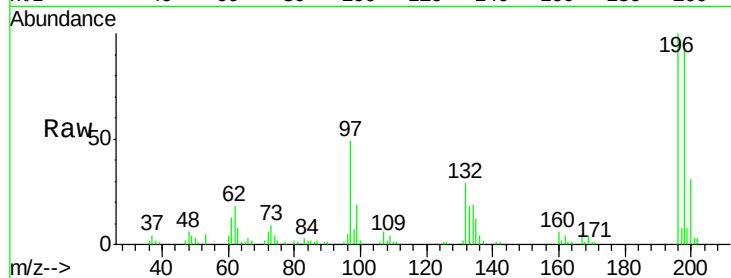
#43
 2,4,5-Trichlorophenol
 Concen: 40.78 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion:	196	Resp:	81496
Ion Ratio	Lower	Upper	
196	100		
198	96.0	78.7	118.1
97	48.9	39.7	59.5
132	28.6	22.8	34.2

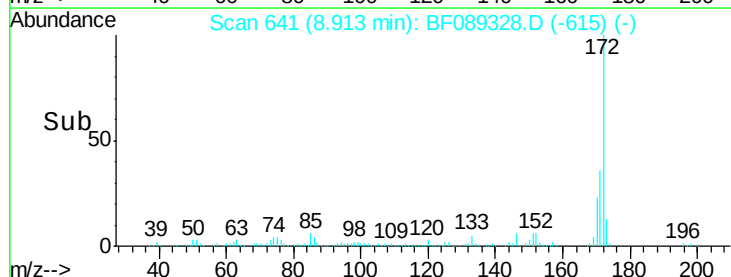
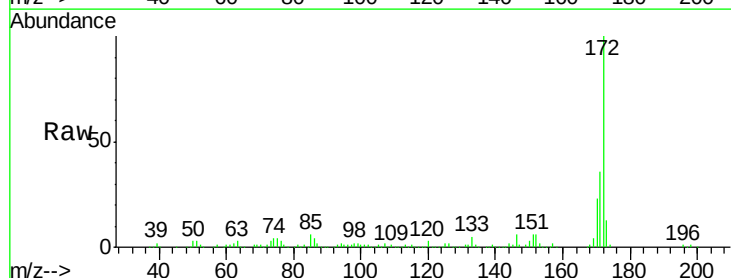
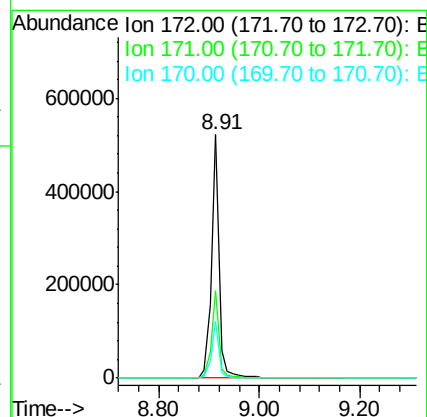
Manual Integrations

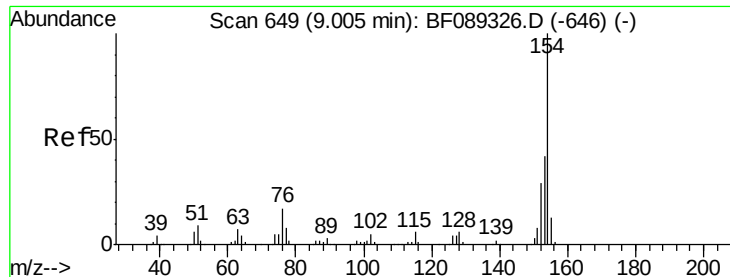
sohil
 7/28/2016 4:55:57 PM



#44
 2-Fluorobiphenyl
 Concen: 85.70 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion:	172	Resp:	553801
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.2	43.8
170	23.3	19.2	28.8





#45

1,1'-Biphenyl

Concen: 38.29 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

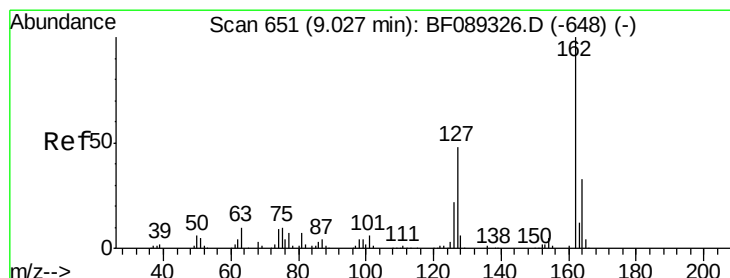
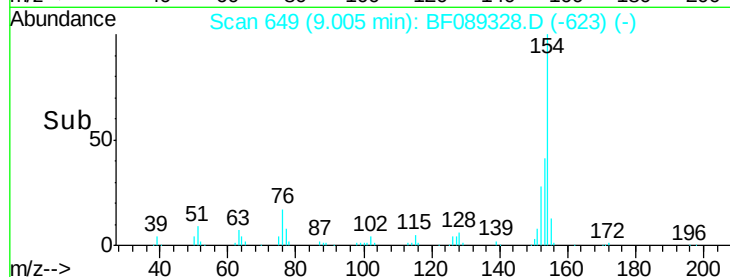
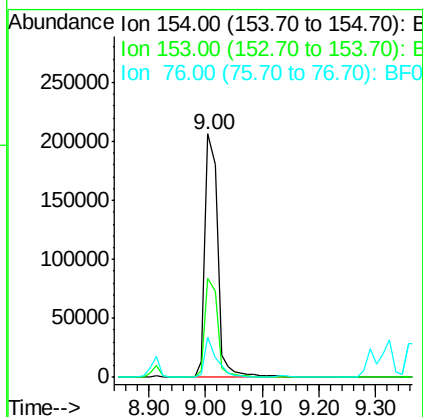
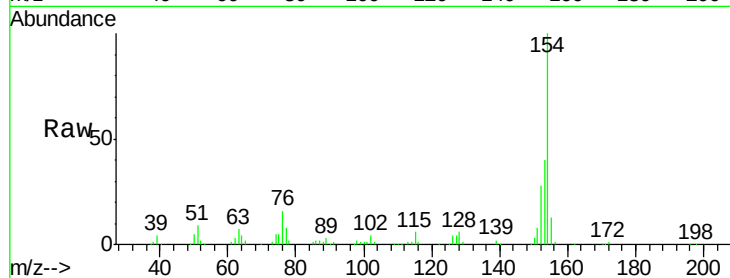
ICVBF072716

Tot Ion:	154	Resp:	309183
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.0	61.0
76	16.5	0.0	36.6

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 40.84 ng

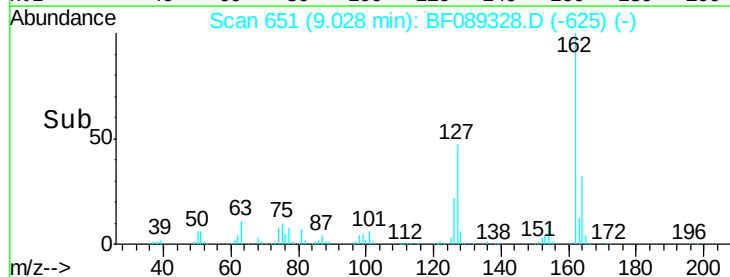
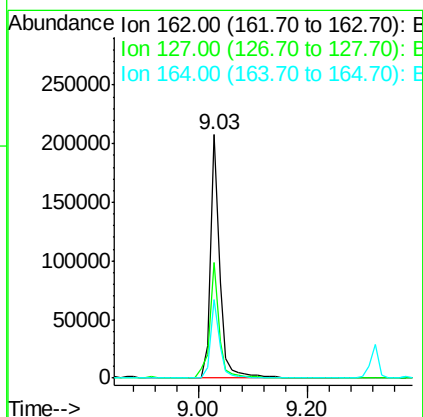
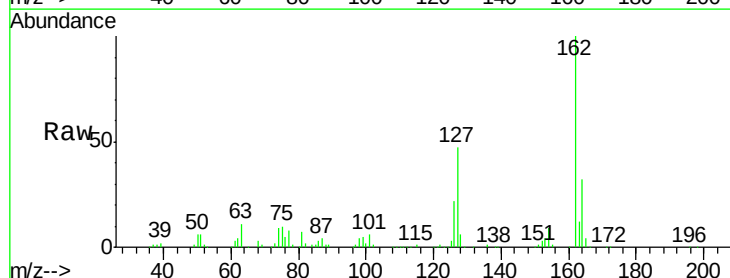
RT: 9.03 min Scan# 651

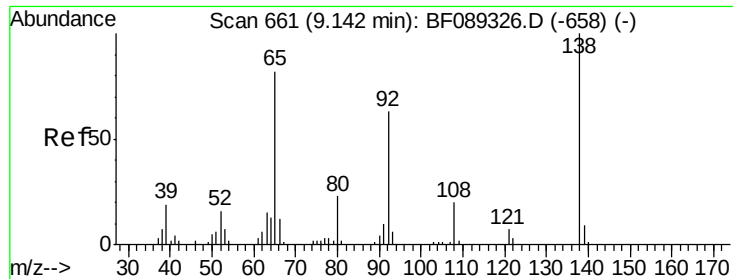
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:	162	Resp:	247631
Ion Ratio	Lower	Upper	
162	100		
127	47.3	37.8	56.8
164	32.0	25.8	38.8





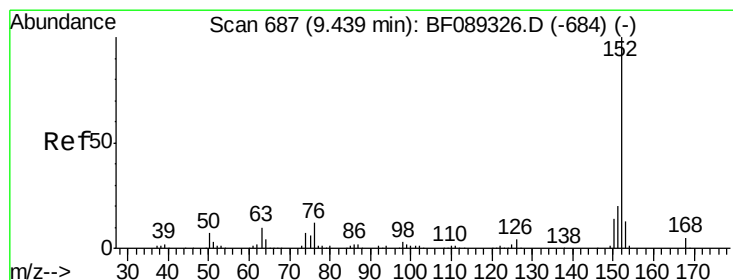
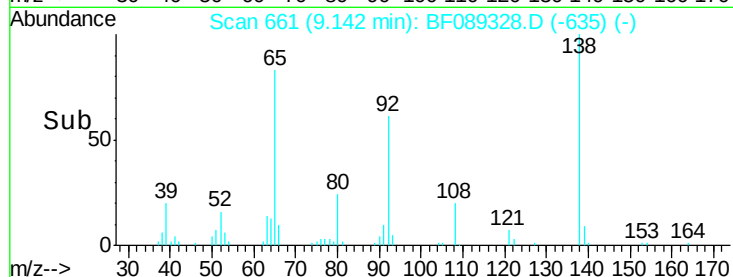
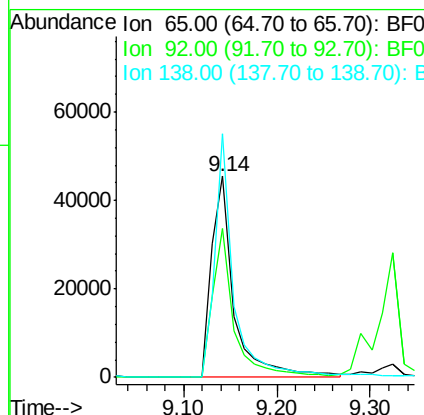
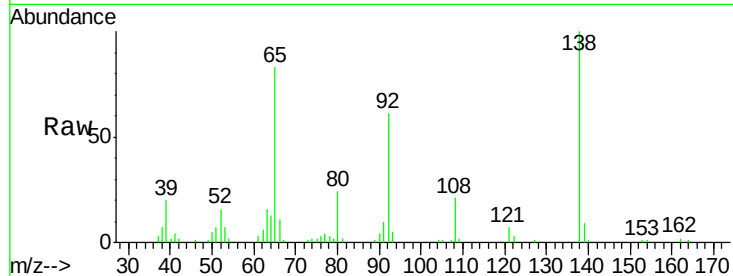
#47
2-Nitroaniline
Concen: 42.68 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	61.0	91.4
138	121.1	99.1	148.7

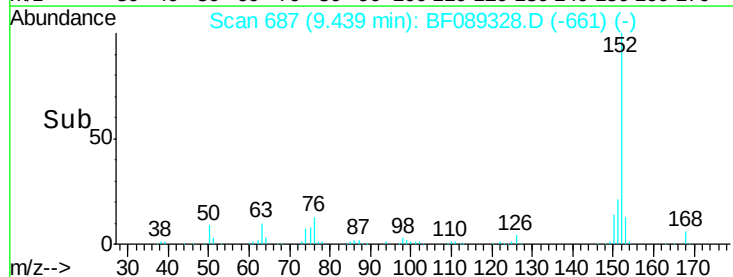
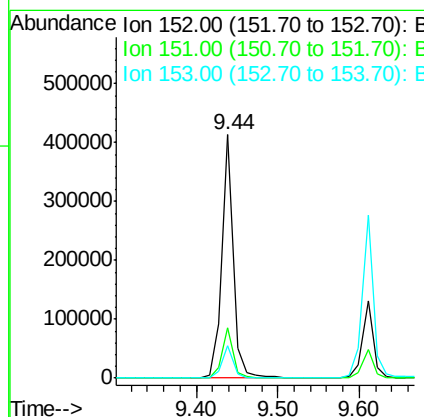
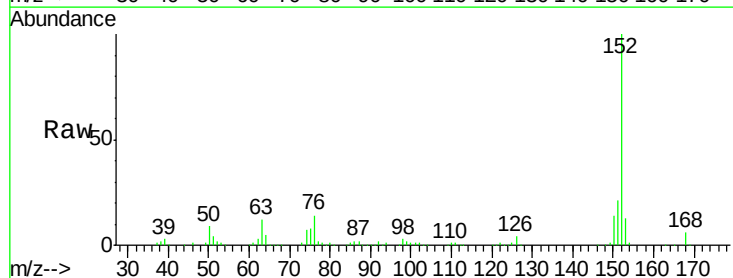
Manual Integrations

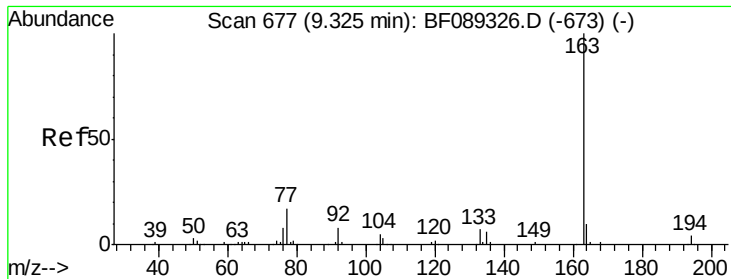
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#48
Acenaphthylene
Concen: 42.34 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	13.1	10.2	15.4





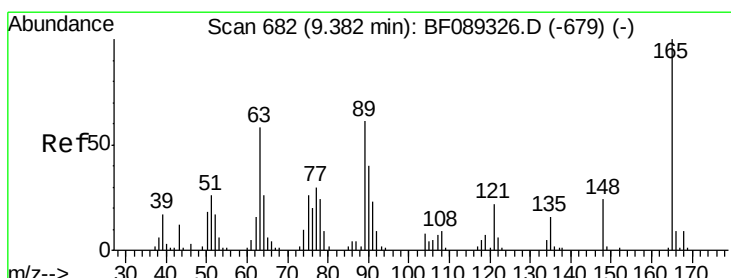
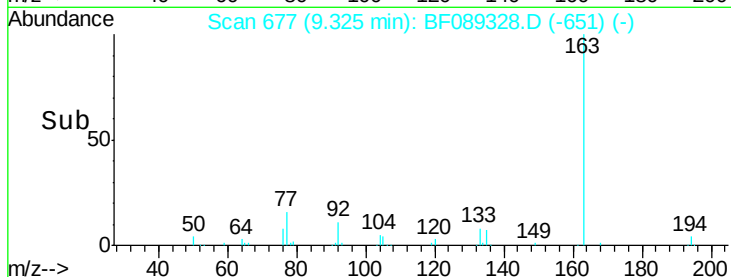
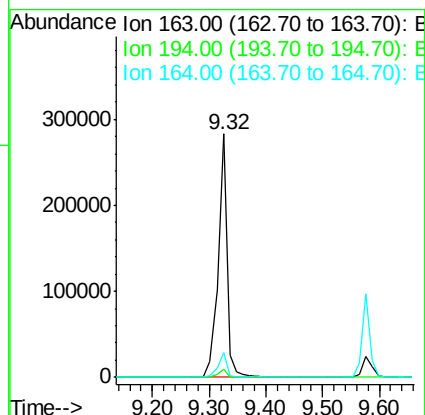
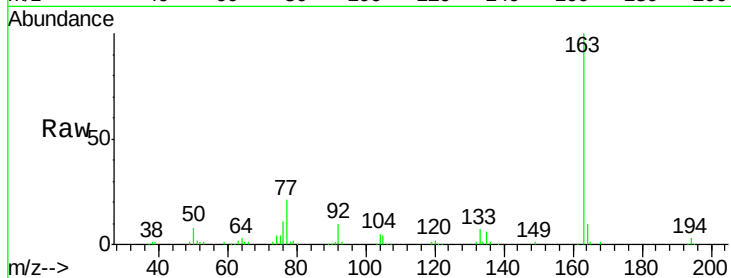
#49
Dimethylphthalate
Concen: 42.73 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Resp	Lower	Upper
163	100	308425		
194	3.4		2.8	4.2
164	10.1		7.8	11.8

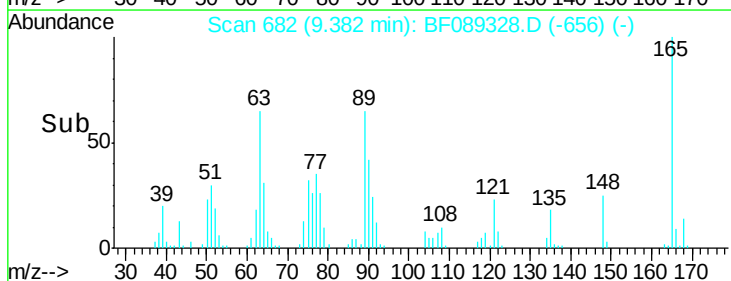
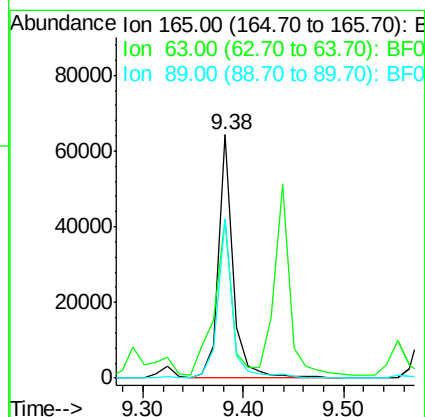
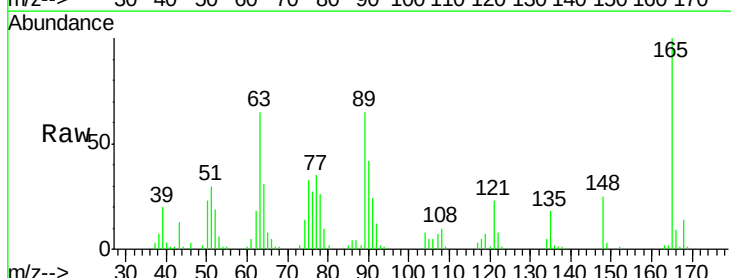
Manual Integrations

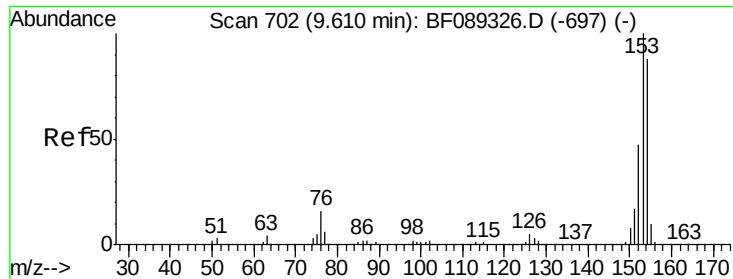
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#50
2,6-Dinitrotoluene
Concen: 43.92 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	65127		
63	65.5		43.5	65.3#
89	65.4		45.0	67.4





#51

Acenaphthene

Concen: 41.00 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:154 Resp: 228714

Ion Ratio Lower Upper

154 100

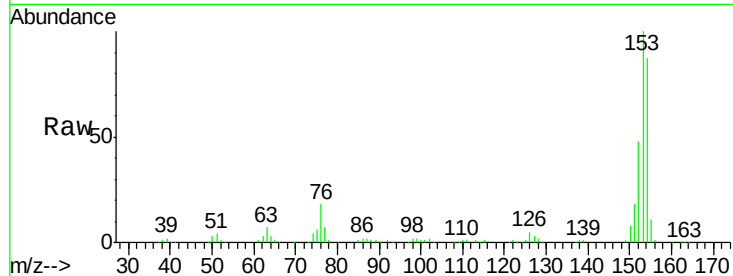
153 114.6 91.4 137.2

152 54.7 43.8 65.6

Manual Integrations

sohil

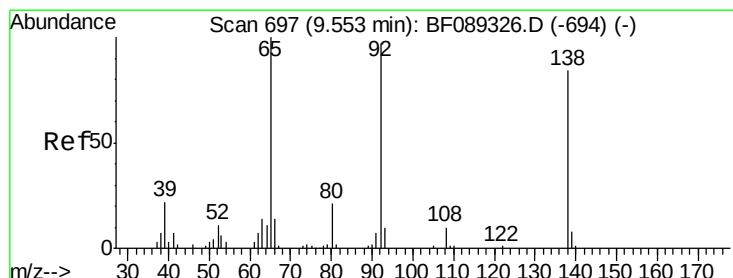
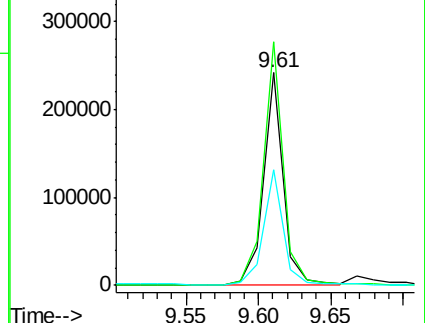
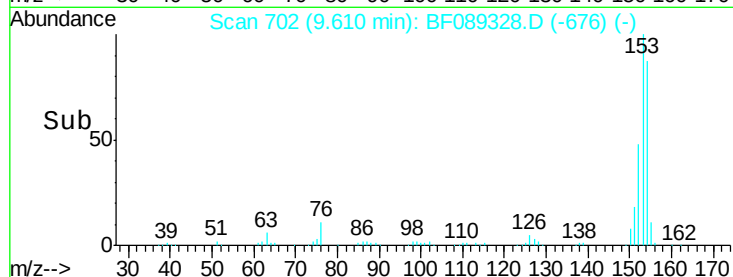
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.36 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

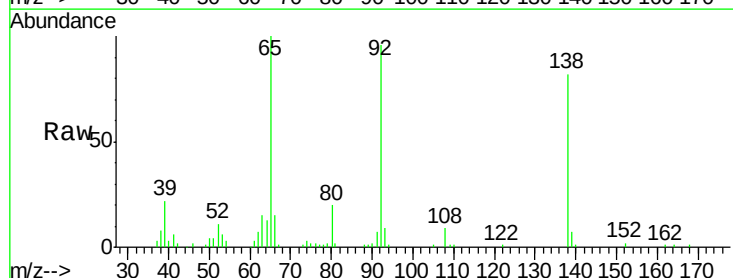
Tgt Ion:138 Resp: 70996

Ion Ratio Lower Upper

138 100

108 10.7 8.6 13.0

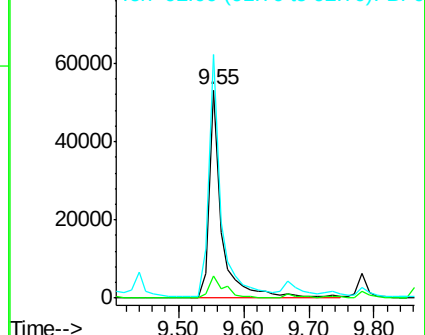
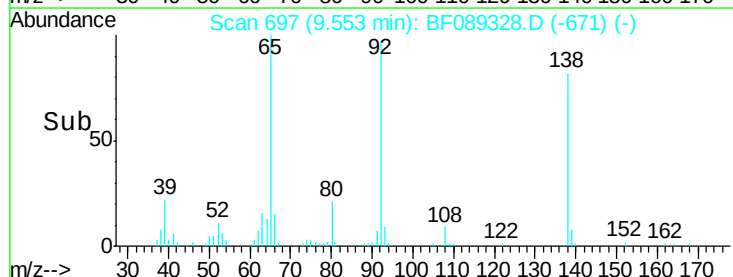
92 117.2 90.0 135.0

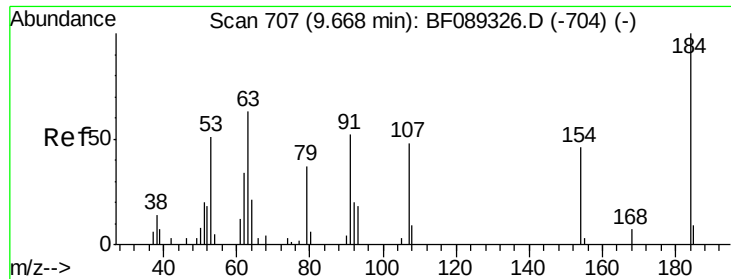


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





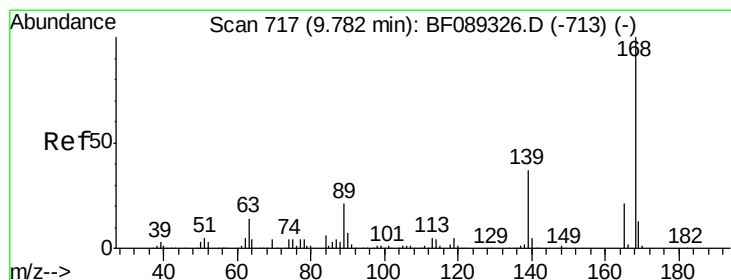
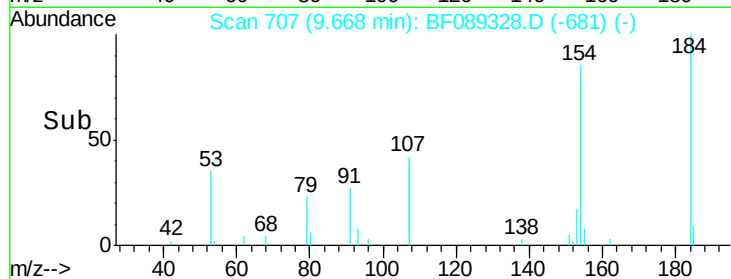
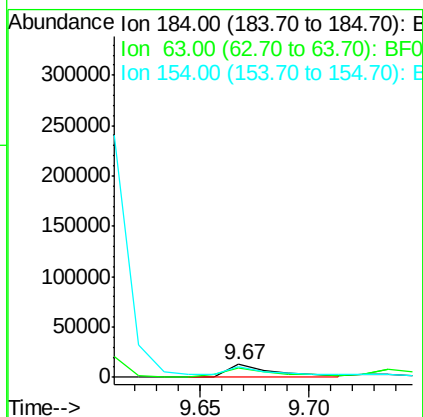
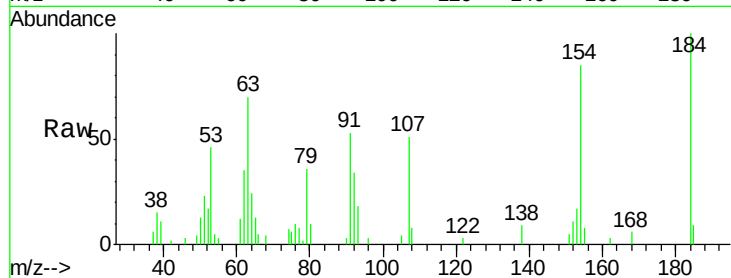
#53
 2,4-Dinitrophenol
 Concen: 40.91 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.9	60.6	90.8
154	84.5	69.8	104.8

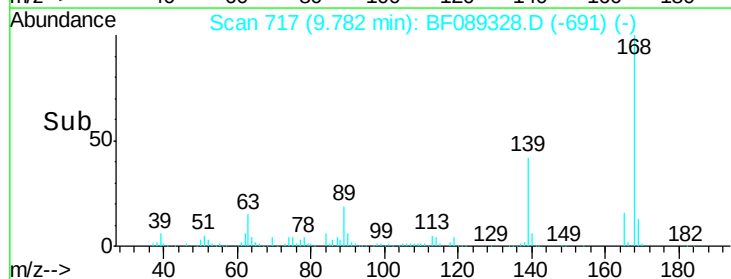
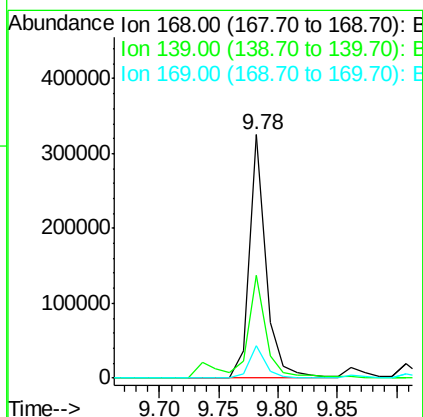
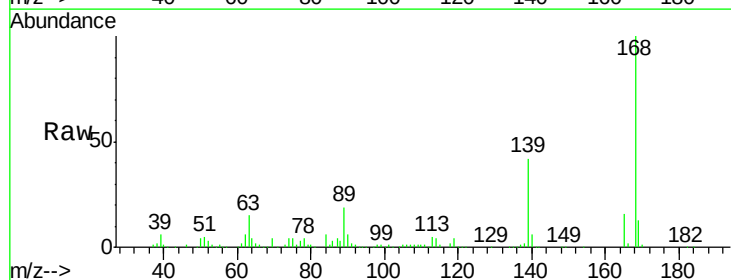
Manual Integrations

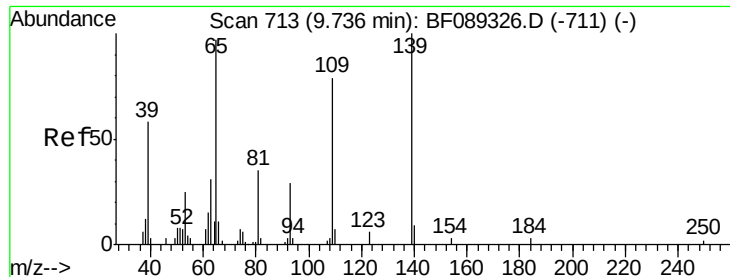
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#54
 Dibenzofuran
 Concen: 42.35 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.7	50.5
169	13.1	10.7	16.1





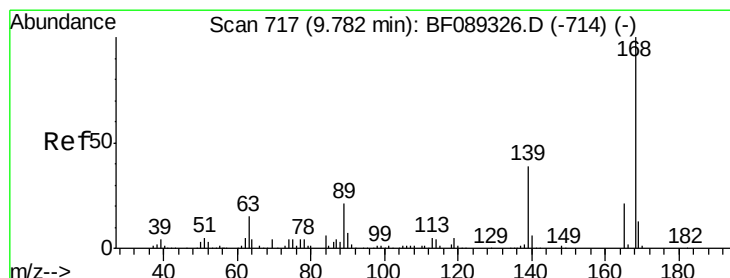
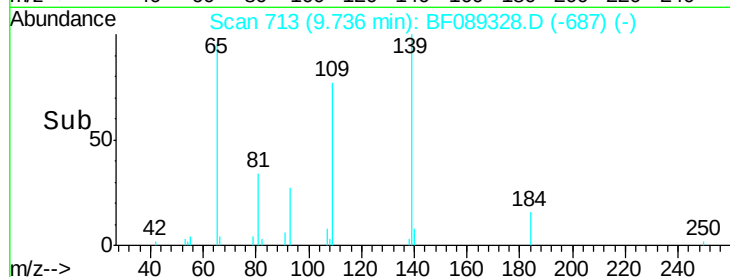
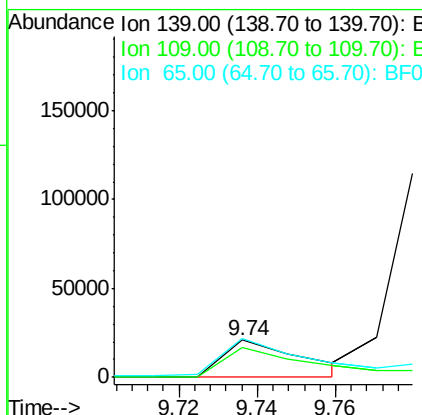
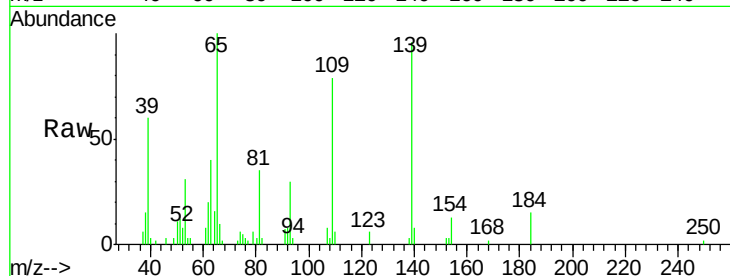
#55
4-Nitrophenol
Concen: 41.28 ng/ml
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.6	57.8	97.8
65	103.9	81.7	121.7

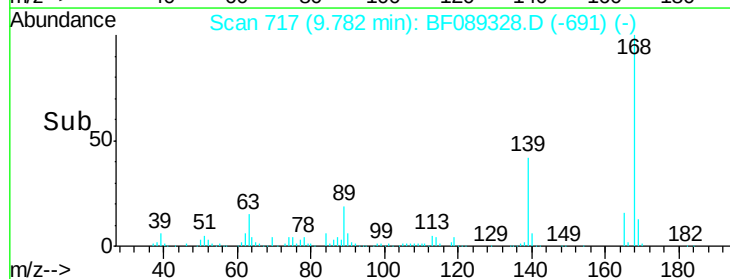
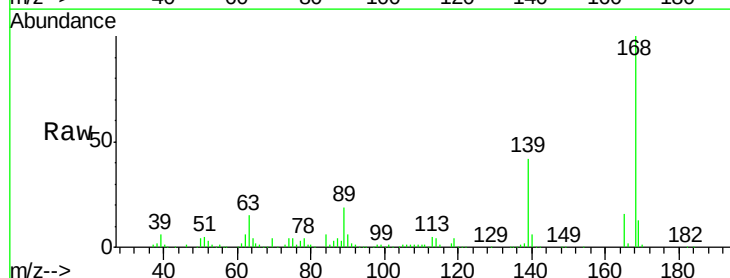
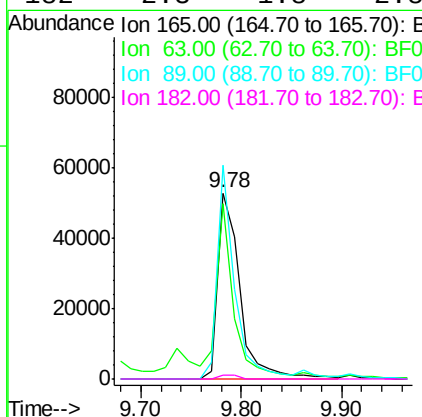
Manual Integrations

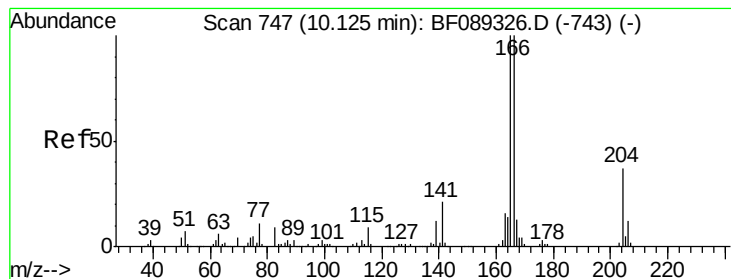
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#56
2,4-Dinitrotoluene
Concen: 41.48 ng/ml
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.2	58.2	87.2#
89	114.8	79.1	118.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 42.78 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:166 Resp: 283882

Ion Ratio Lower Upper

166 100

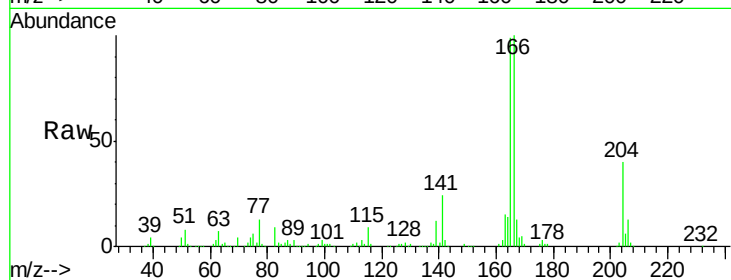
165 98.5 79.0 118.4

167 13.1 10.2 15.2

Manual Integrations

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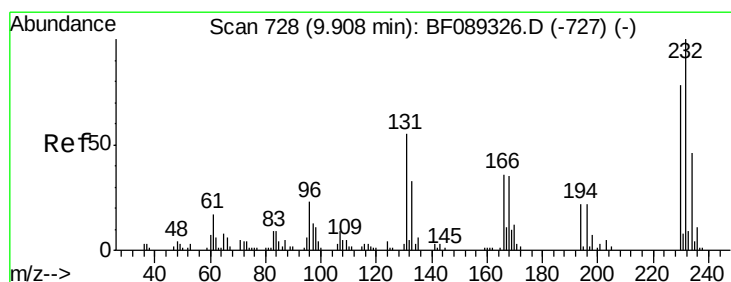
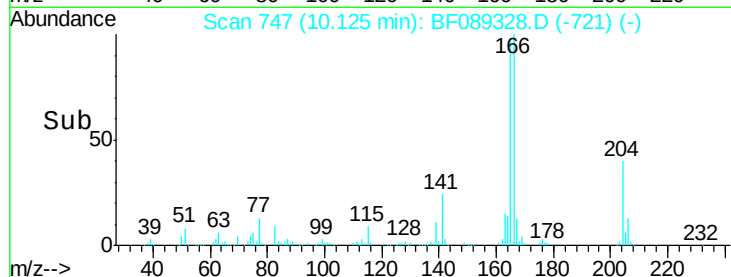
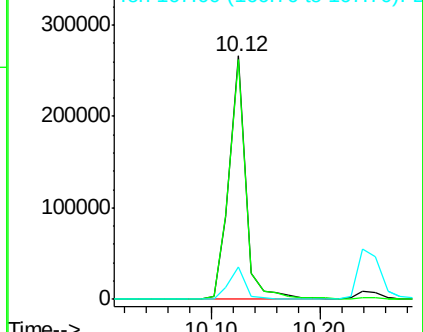
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.27 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:232 Resp: 55071

Ion Ratio Lower Upper

232 100

131 56.2 42.7 64.1

130 2.4 1.7 2.5

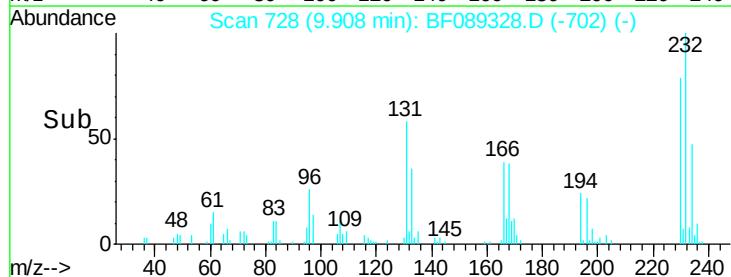
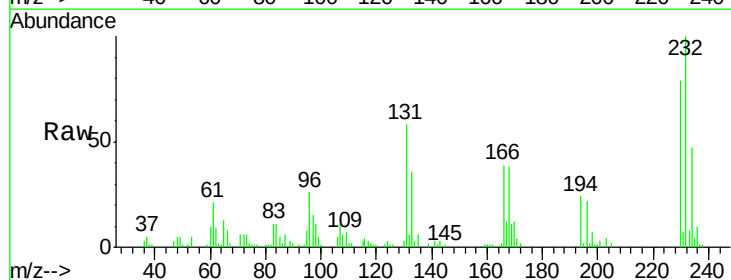
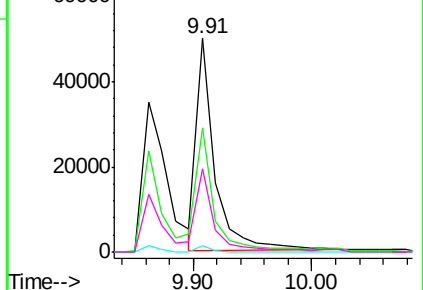
166 41.9 25.7 38.5#

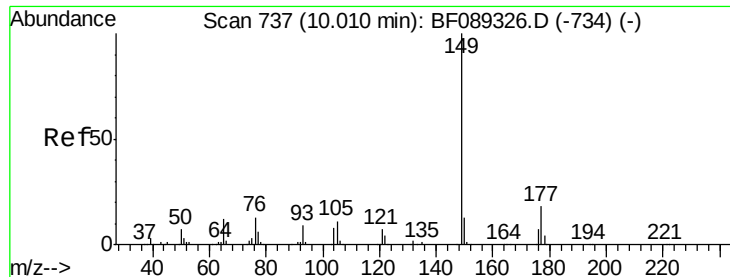
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





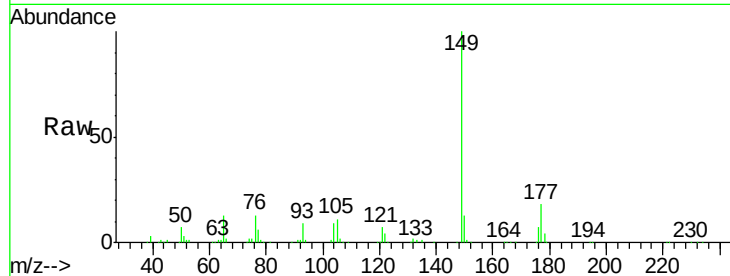
#59
Diethylphthalate
Concen: 40.39 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.2	15.1	22.7
150	12.7	10.2	15.4

Manual Integrations

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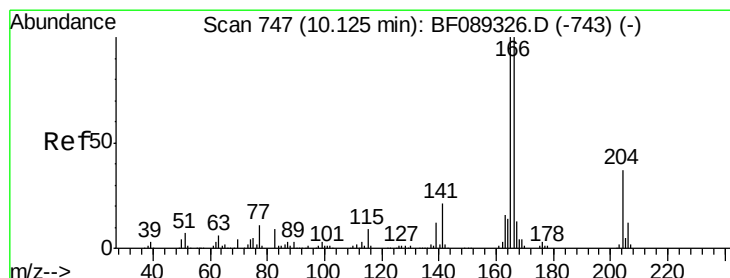
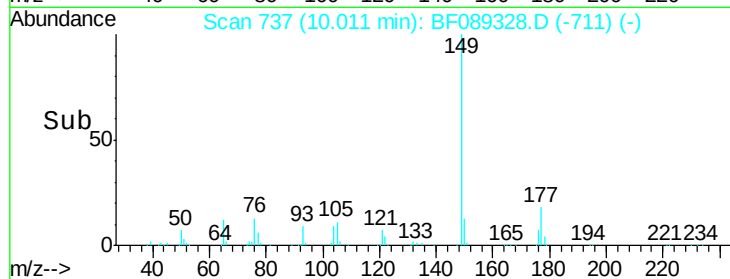
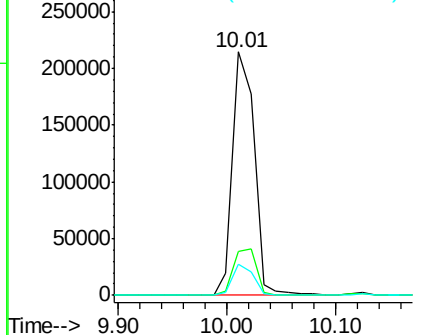


Abundance

Ion 149.00 (148.70 to 149.70): E

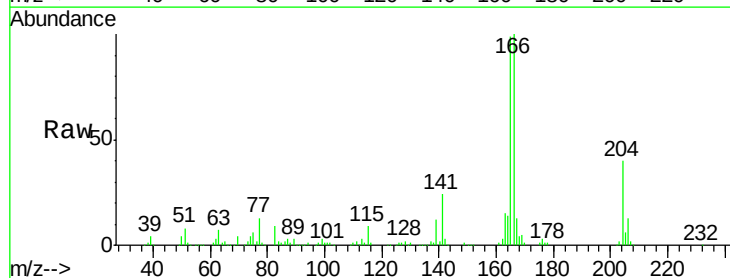
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	60.3	46.6	70.0

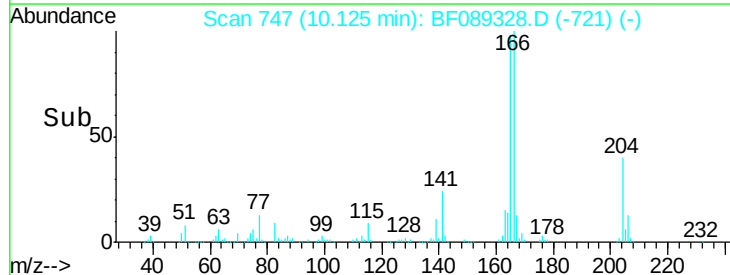
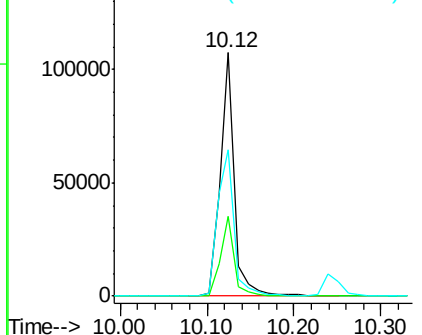


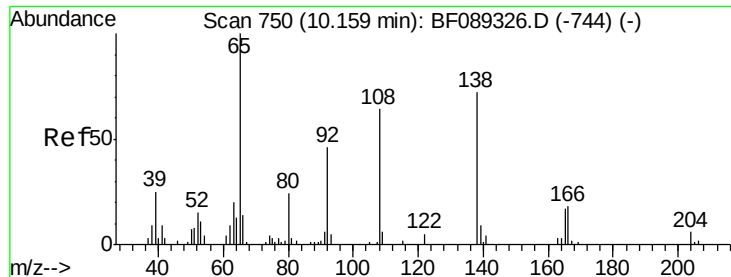
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.68 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:138 Resp: 70472

Ion Ratio Lower Upper

138 100

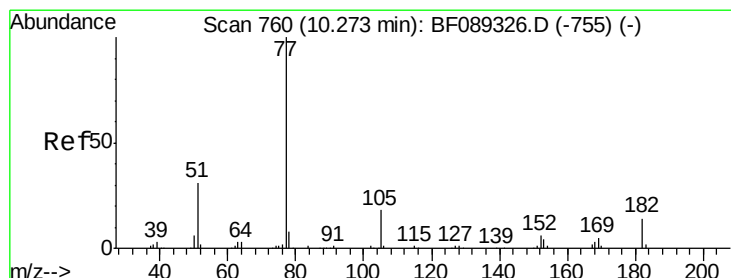
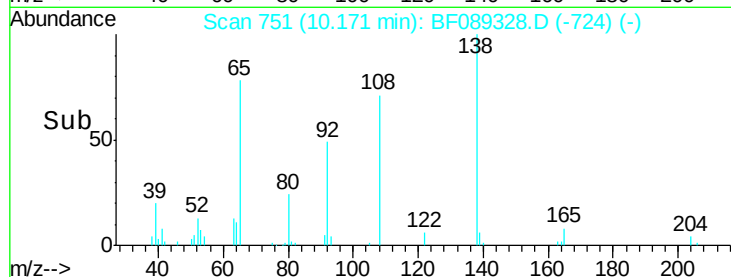
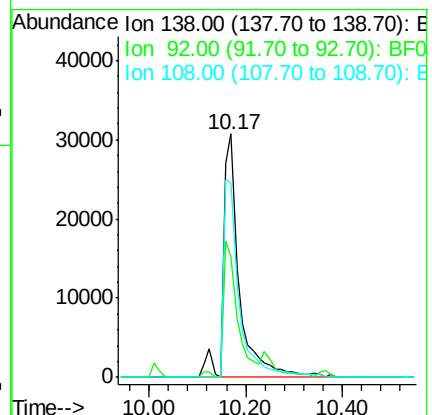
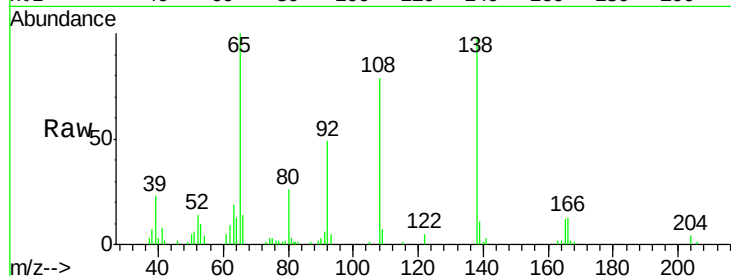
92 49.6 41.2 81.2

108 80.0 69.6 109.6

Manual Integrations

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#62

Azobenzene

Concen: 39.35 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion: 77 Resp: 296499

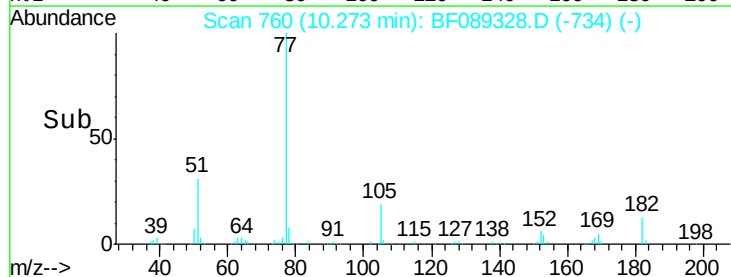
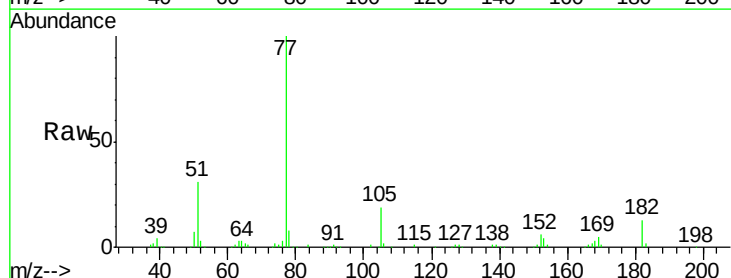
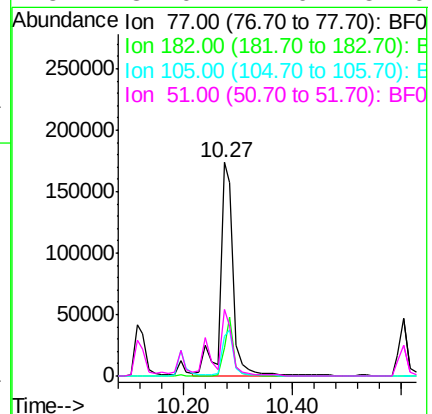
Ion Ratio Lower Upper

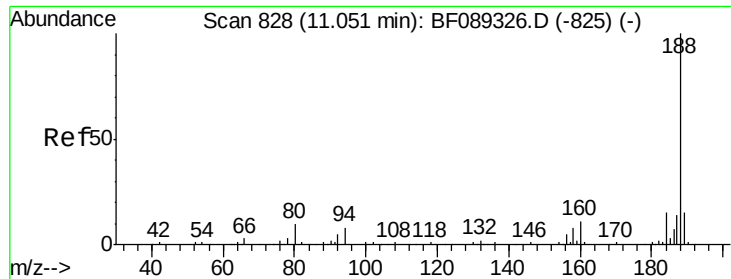
77 100

182 13.0 0.0 33.8

105 18.7 0.0 39.8

51 31.0 11.0 51.0





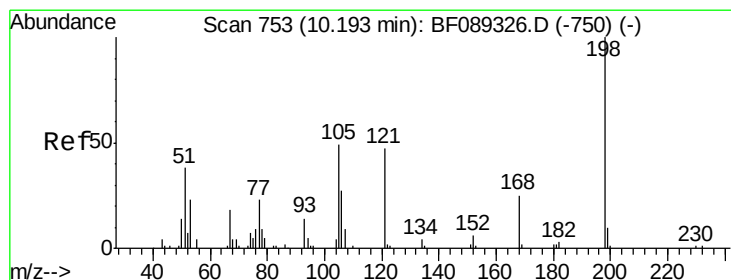
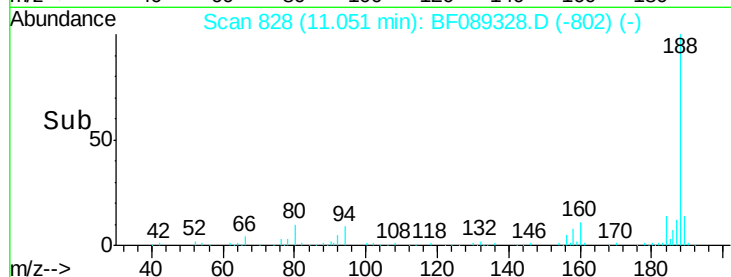
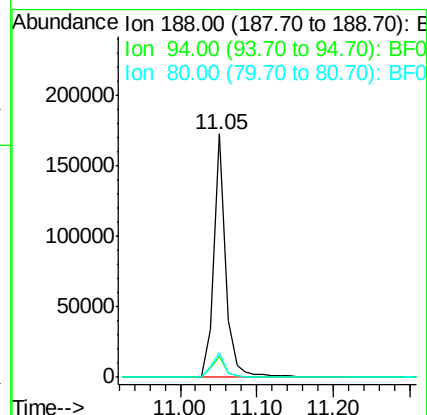
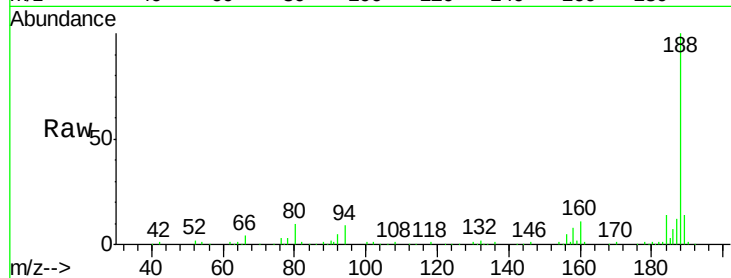
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ratio	Resp	Lower	Upper
188	100	185036		
94	8.8		6.5	9.7
80	10.2		7.2	10.8

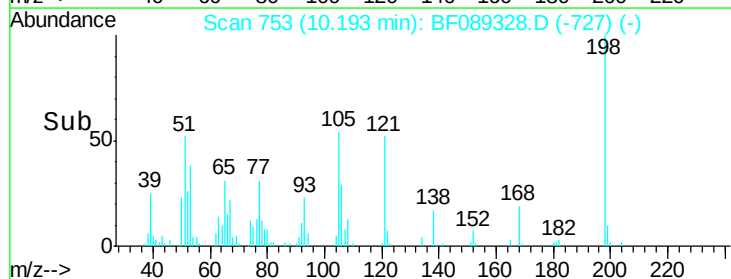
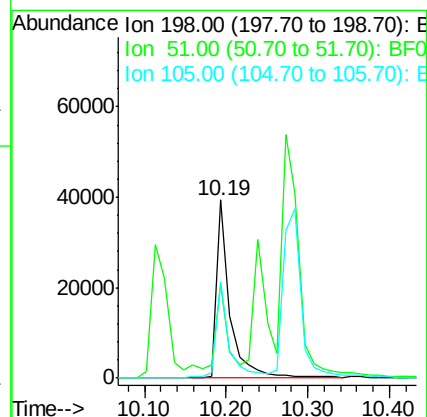
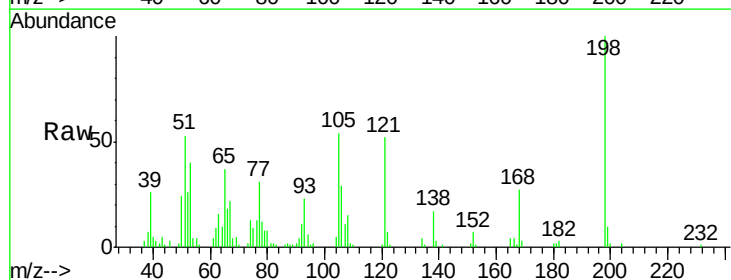
Manual Integrations

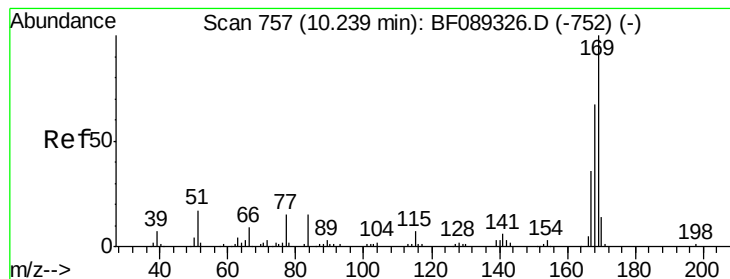
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.95 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46176		
51	52.6		23.0	63.0
105	53.8		28.3	68.3





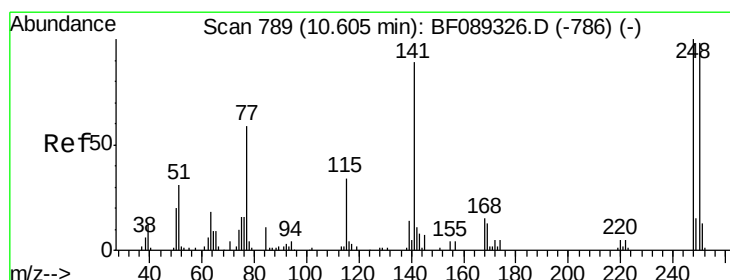
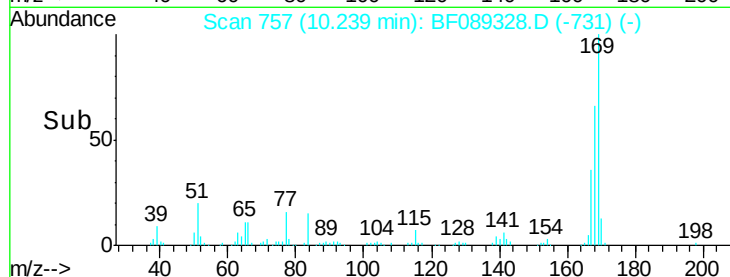
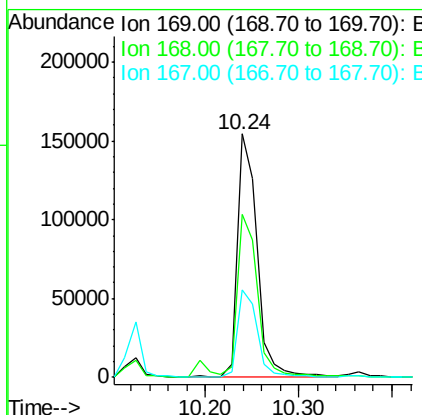
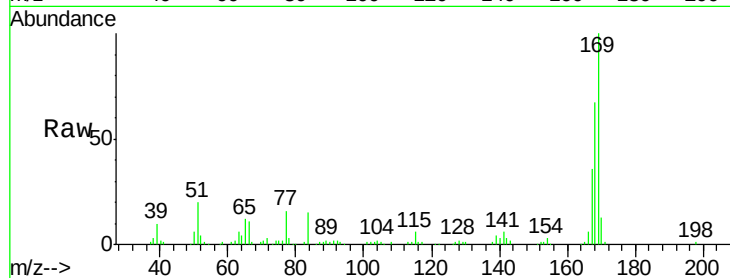
#65
 n-Nitrosodiphenylamine
 Concen: 39.86 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		230122		
168	67.1	55.4	83.0		
167	35.9	29.7	44.5		

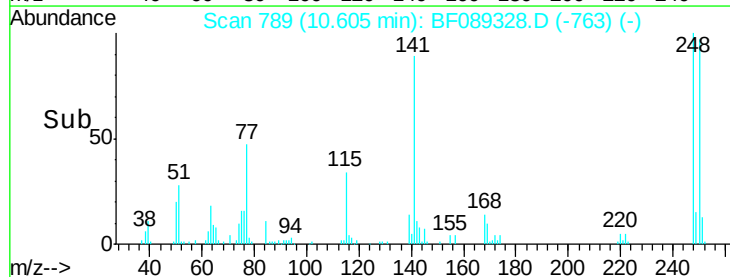
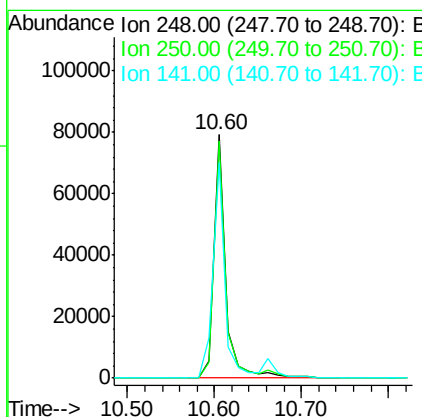
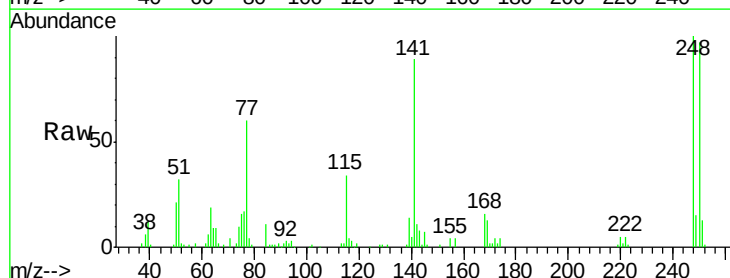
Manual Integrations

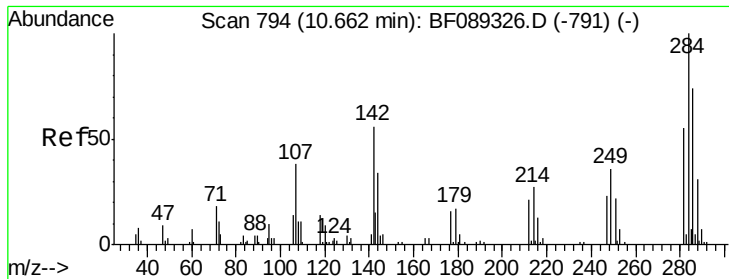
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#66
 4-Bromophenyl-phenylether
 Concen: 43.77 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		77323		
250	97.2	78.2	117.2		
141	88.6	62.0	93.0		





#67

Hexachlorobenzene

Concen: 37.57 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089328.D

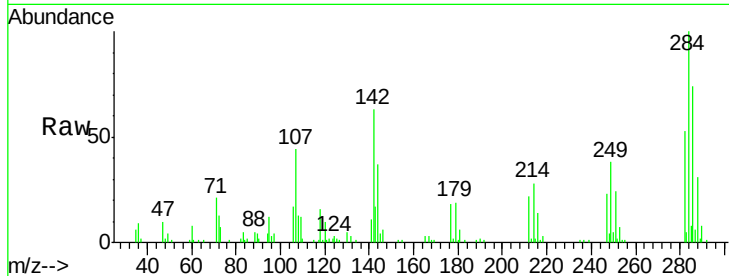
Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

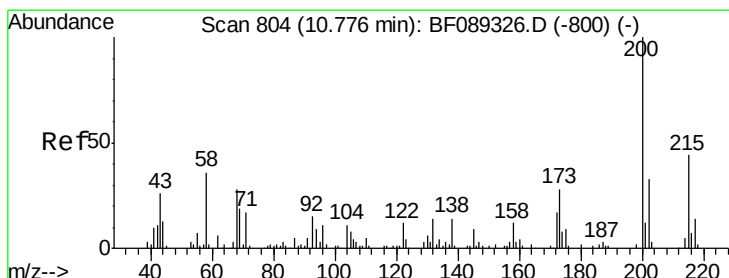
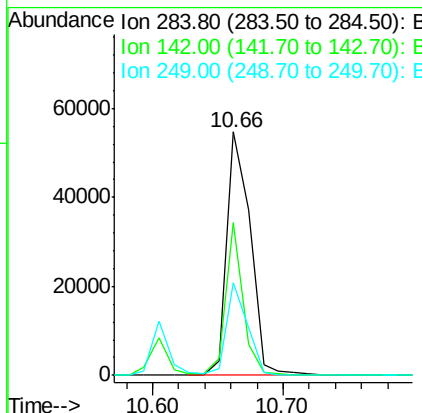
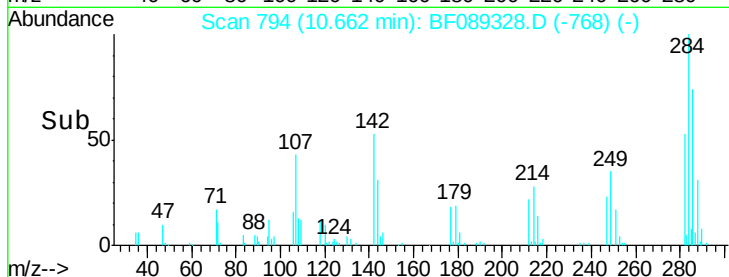


Tot Ion:	284	Resp:	68025
Ion Ratio	Lower	Upper	
284	100		
142	62.7	42.2	63.4
249	38.0	29.4	44.0

Manual Integrations

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#68

Atrazine

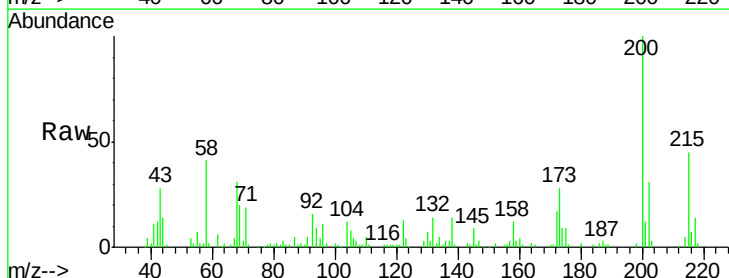
Concen: 41.75 ng

RT: 10.78 min Scan# 804

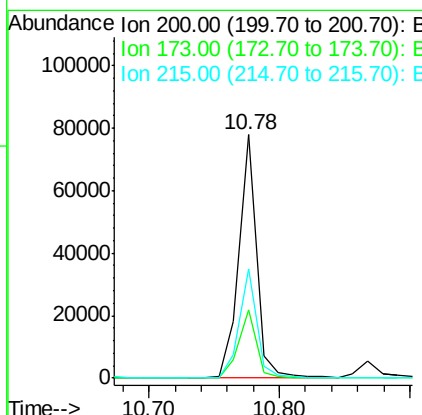
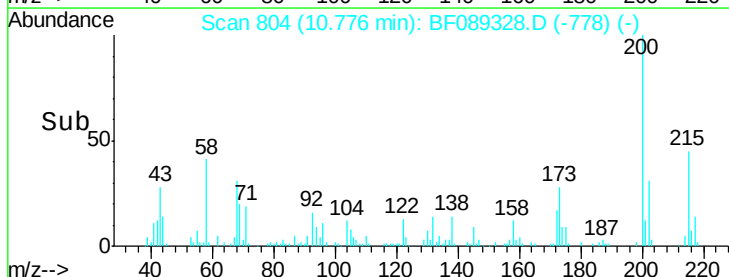
Delta R.T. 0.00 min

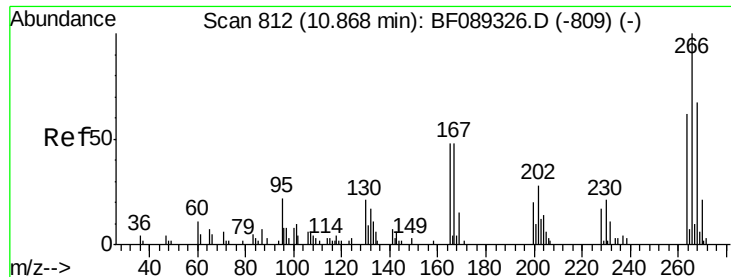
Lab File: BF089328.D

Acq: 27 Jul 2016 14:51



Tgt Ion:	200	Resp:	74060
Ion Ratio	Lower	Upper	
200	100		
173	28.0	6.0	46.0
215	44.7	24.3	64.3





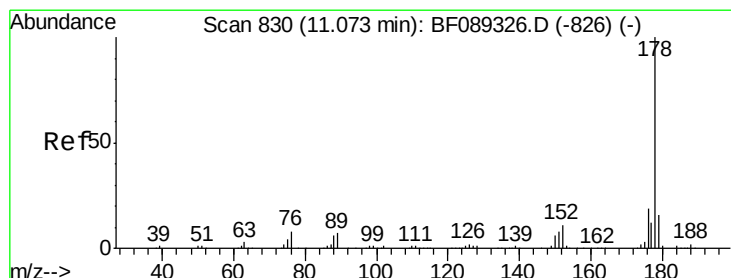
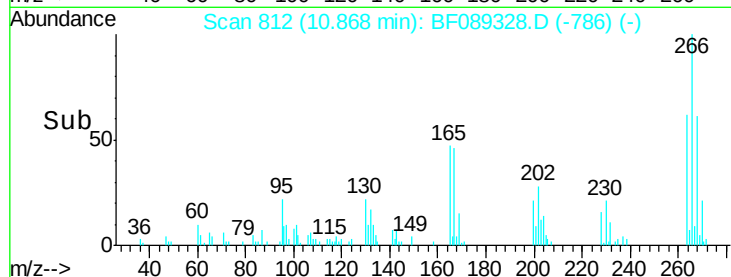
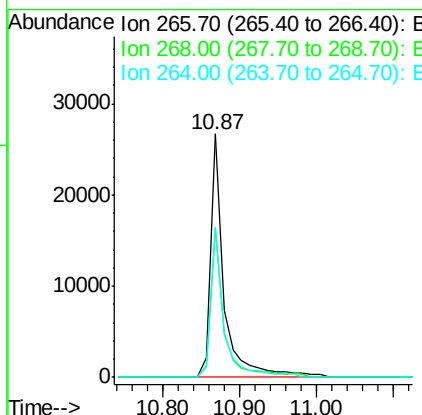
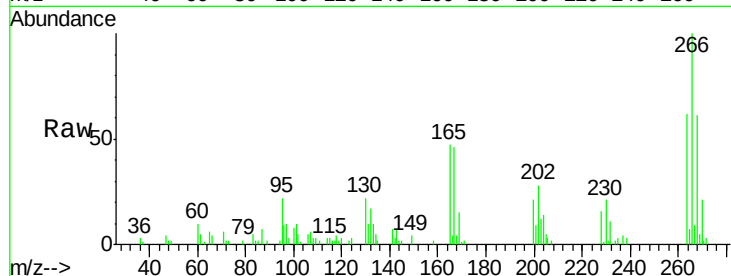
#69
 Pentachlorophenol
 Concen: 39.91 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	49.4	74.2
264	61.7	50.2	75.2

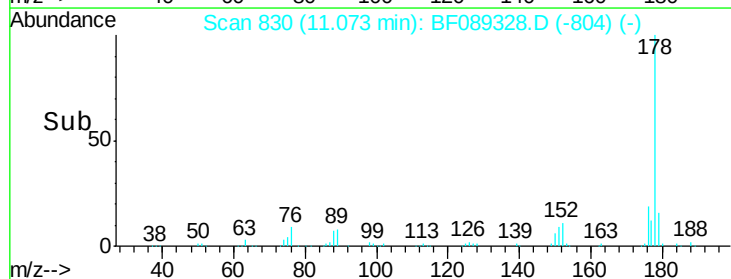
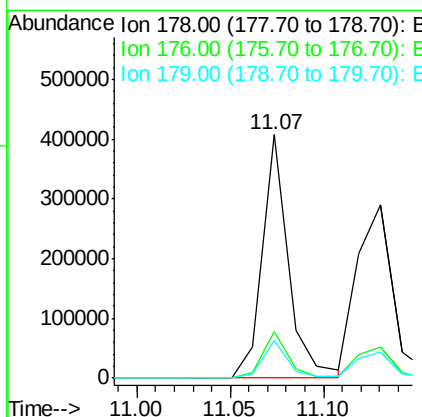
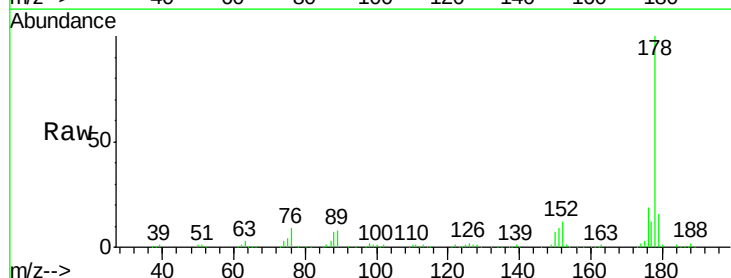
Manual Integrations

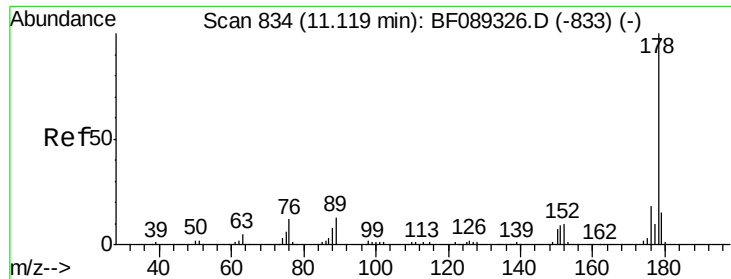
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#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.3	18.5





#71

Anthracene

Concen: 38.72 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:178 Resp: 410775

Ion Ratio Lower Upper

178 100

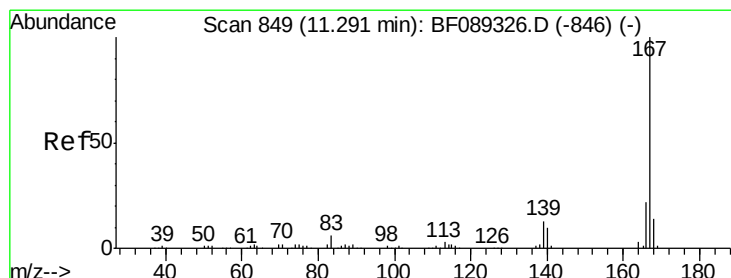
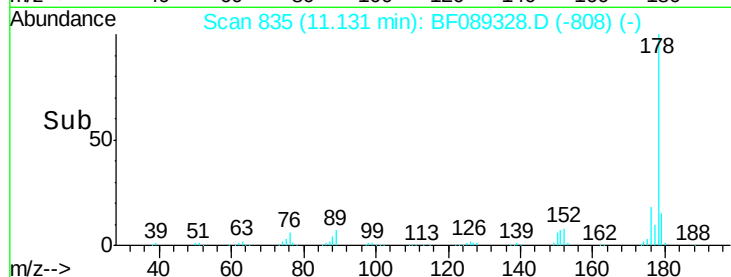
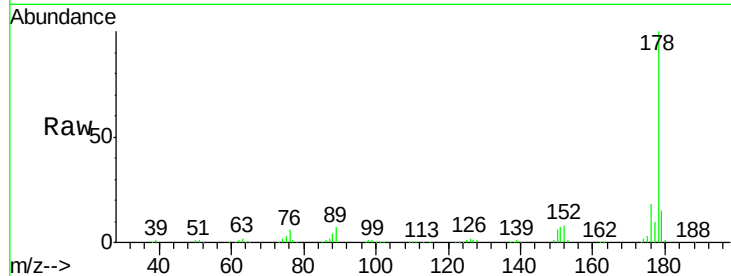
176 18.1 14.8 22.2

179 14.9 12.6 18.8

Manual Integrations

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#72

Carbazole

Concen: 40.17 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

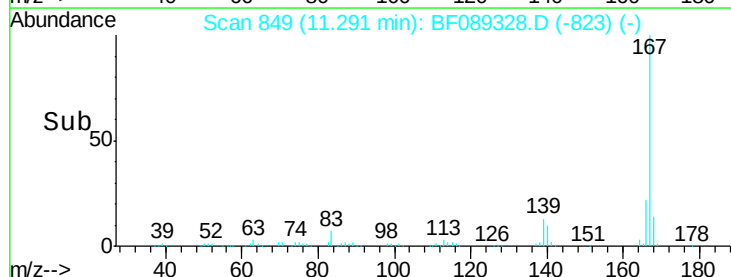
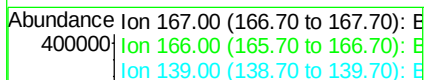
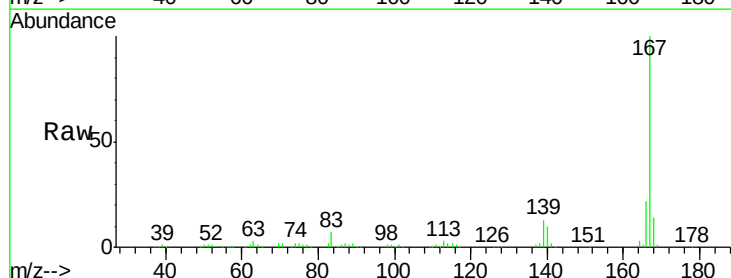
Tgt Ion:167 Resp: 358798

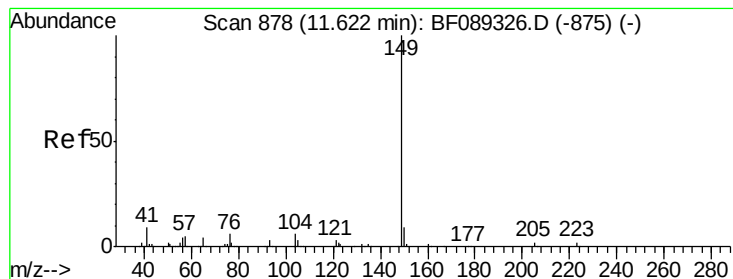
Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 13.4 10.1 15.1





#73

Di-n-butylphthalate

Concen: 40.57 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:149 Resp: 486199

Ion Ratio Lower Upper

149 100

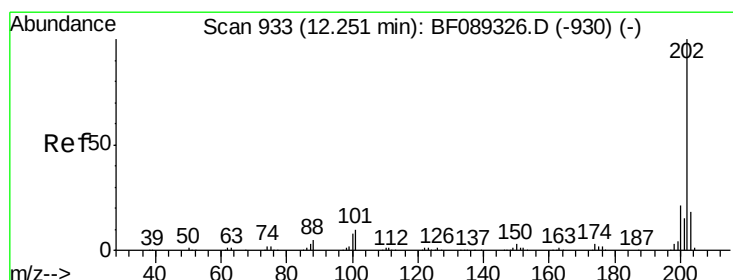
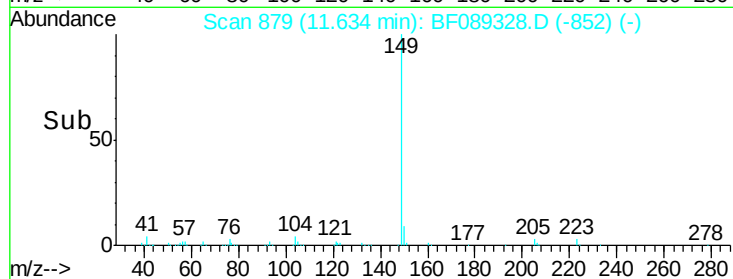
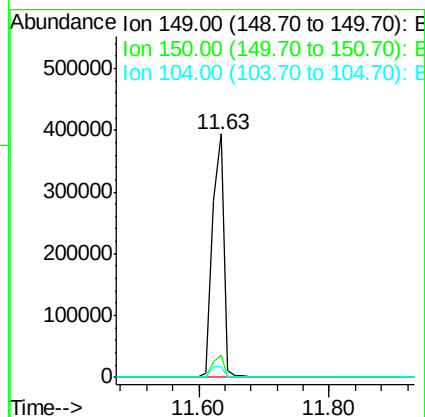
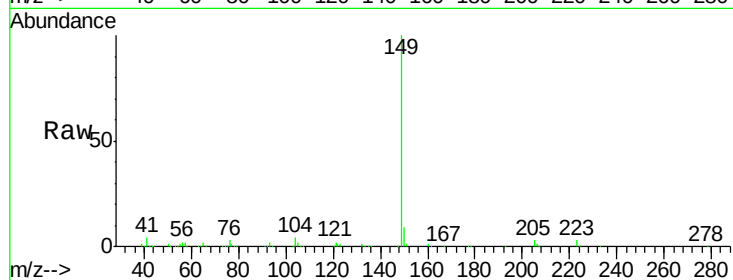
150 8.9 7.4 11.0

104 4.2 4.7 7.1#

Manual Integrations

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#74

Fluoranthene

Concen: 41.59 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

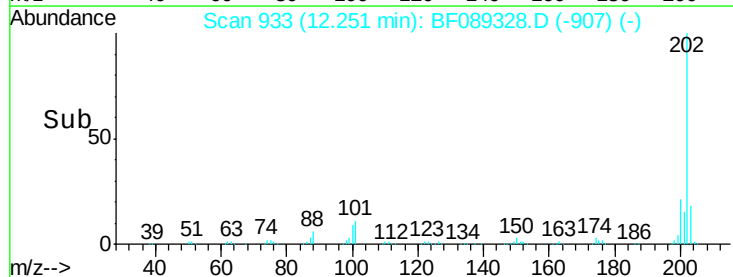
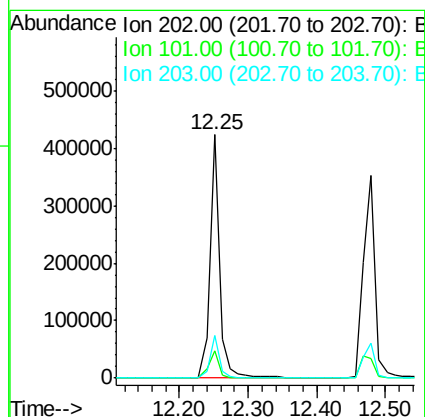
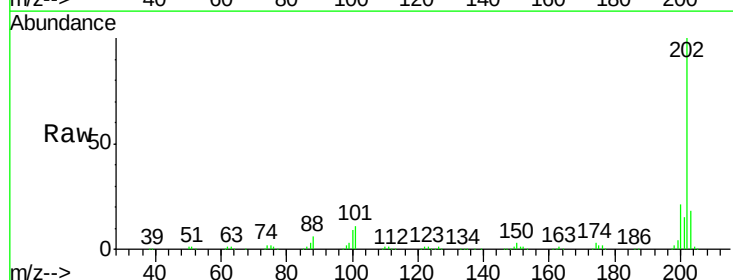
Tgt Ion:202 Resp: 417456

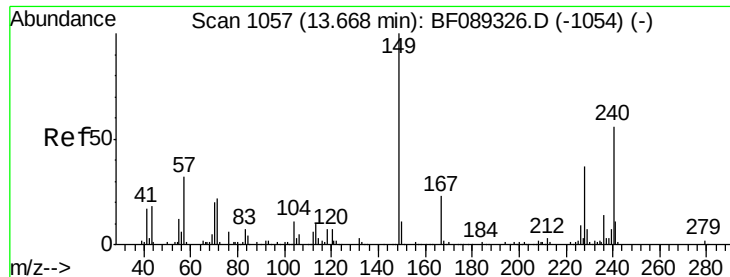
Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.9

203 17.6 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: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:240 Resp: 139210

Ion Ratio Lower Upper

240 100

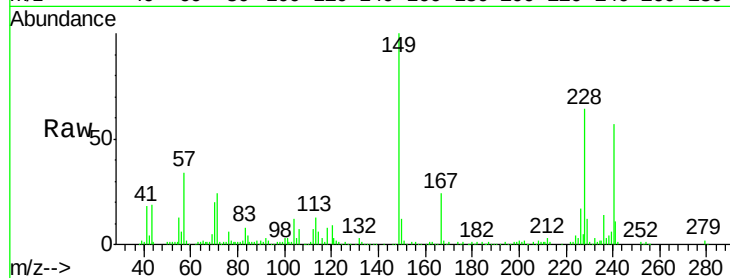
120 15.2 9.1 13.7#

236 24.6 20.6 30.8

Manual Integrations

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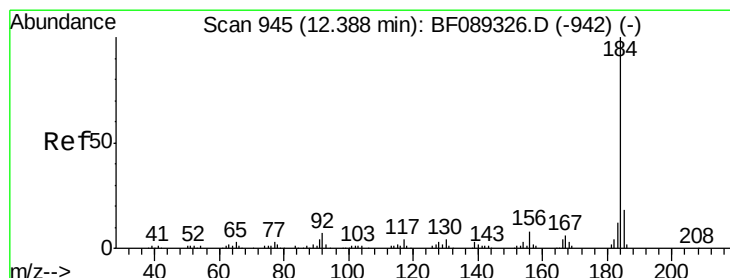
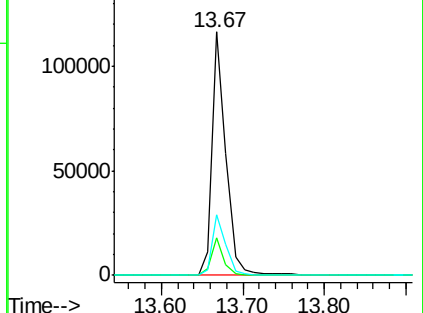
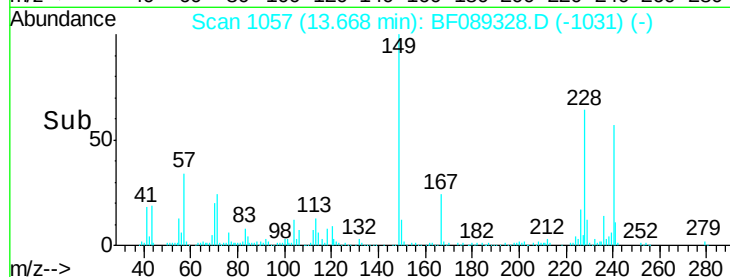
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.62 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

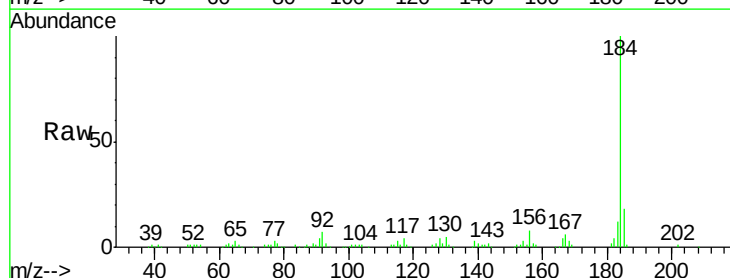
Tgt Ion:184 Resp: 208961

Ion Ratio Lower Upper

184 100

185 17.5 13.5 20.3

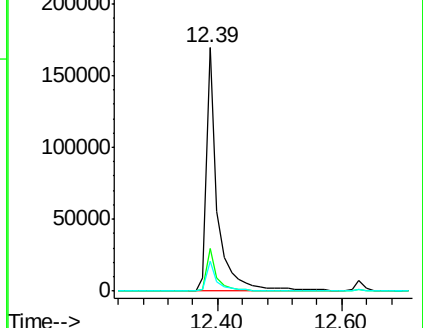
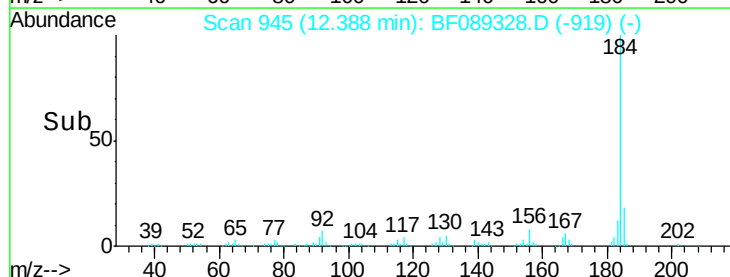
183 12.3 9.8 14.6

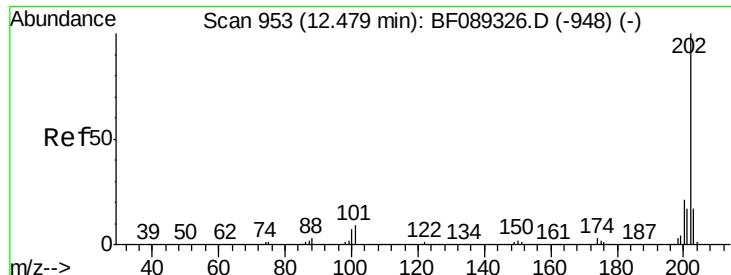


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





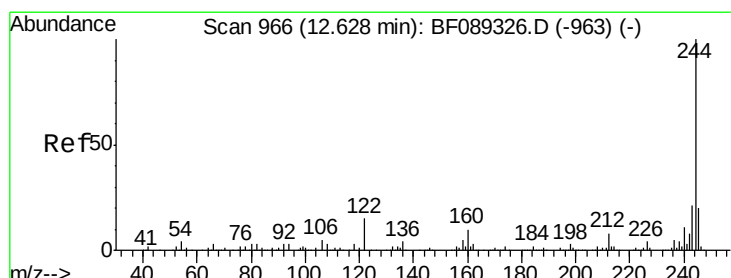
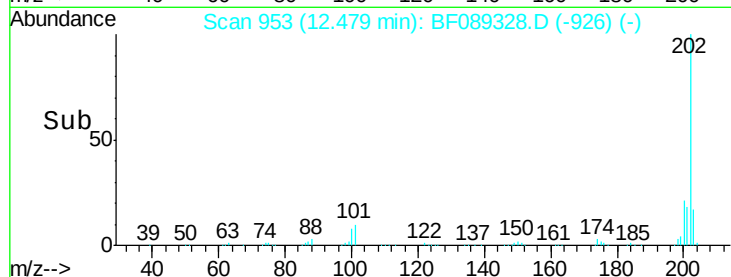
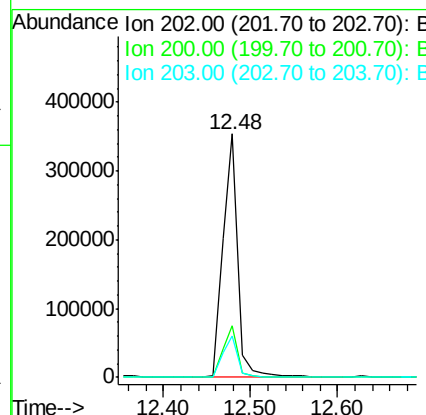
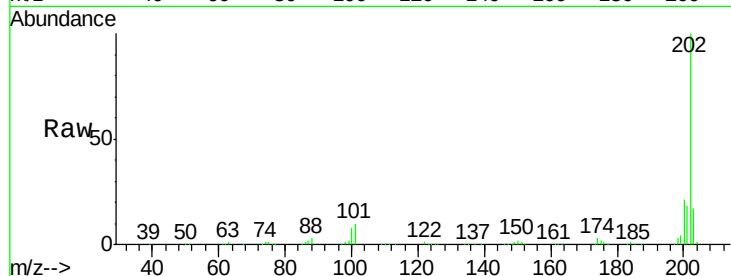
#77
Pvrene
Concen: 39.92 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.0	14.0	21.0

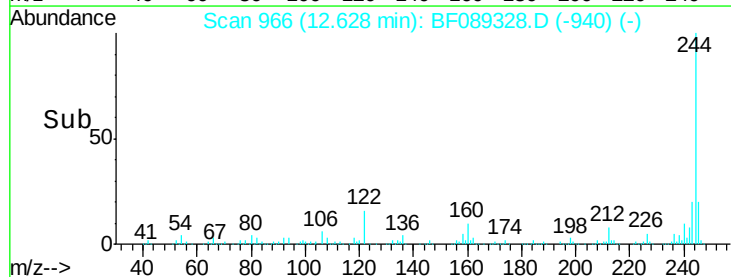
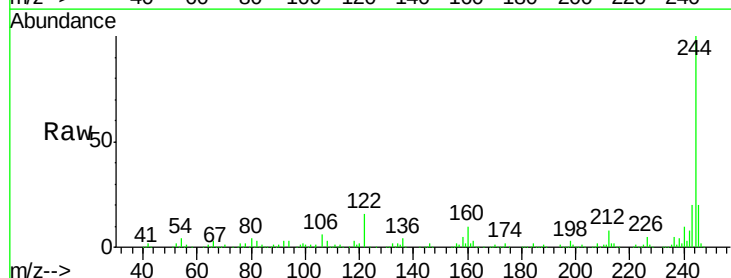
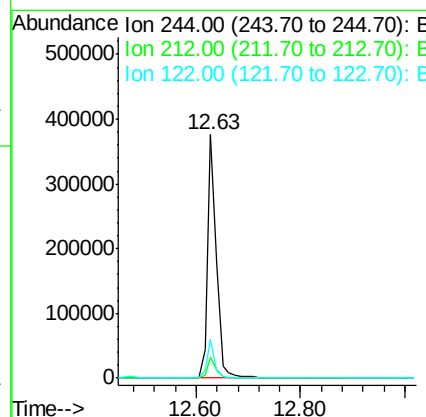
Manual Integrations

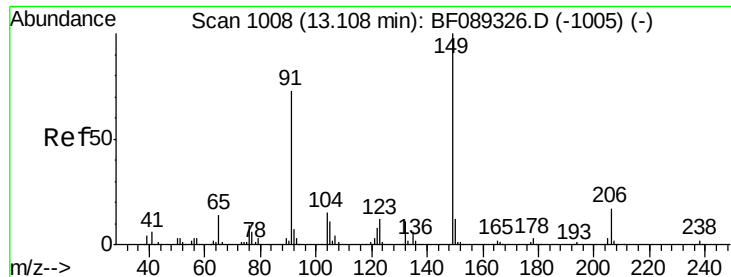
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#78
Terphenyl-d14
Concen: 74.28 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	16.0	11.4	17.0





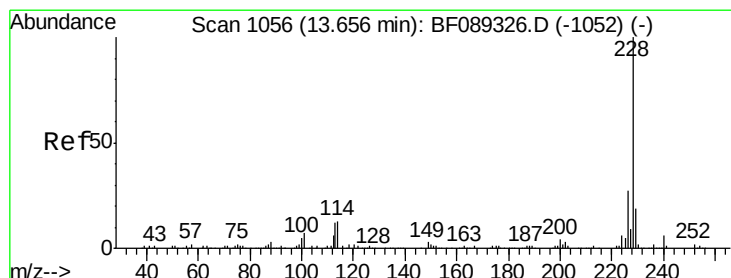
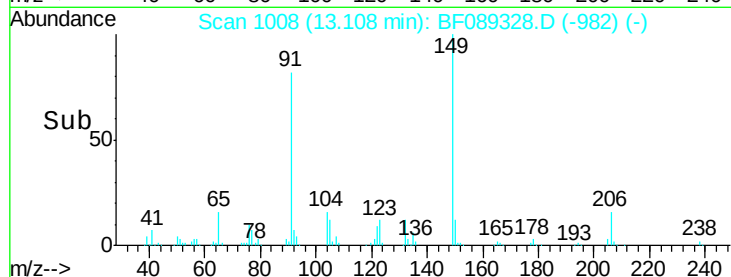
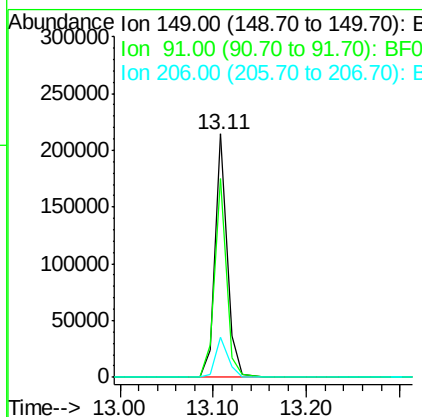
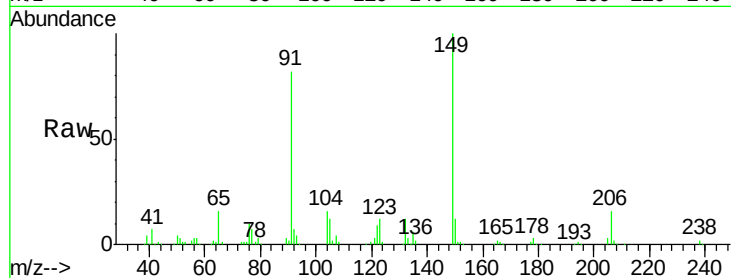
#79
Butylbenzylphthalate
Concen: 40.51 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	194337		
91	81.6	58.5	87.7	
206	16.4	13.8	20.8	

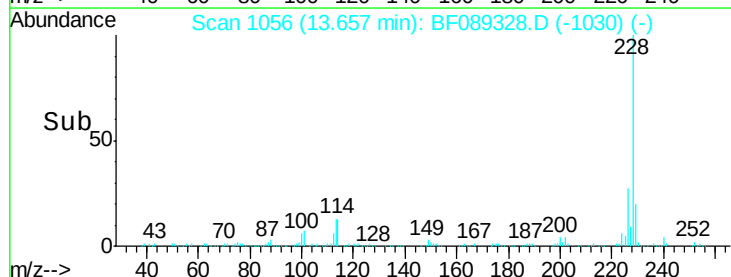
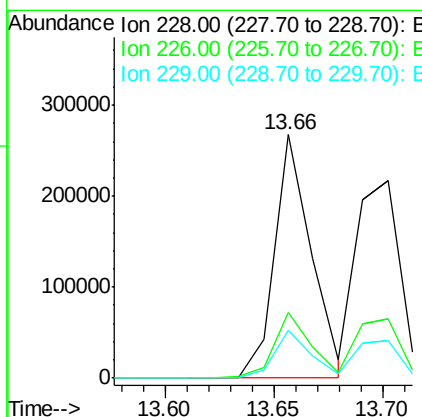
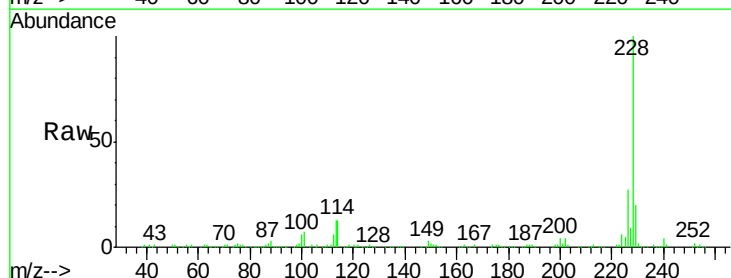
Manual Integrations

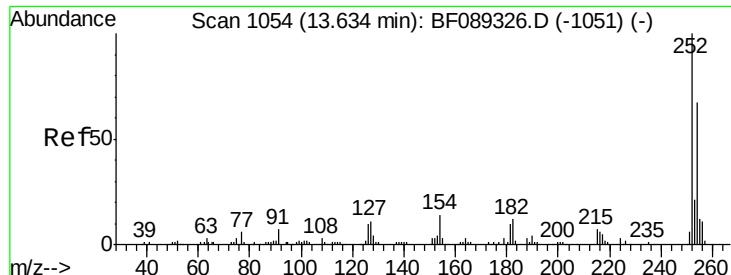
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#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	318097		
226	26.8	21.4	32.2	
229	19.7	15.9	23.9	





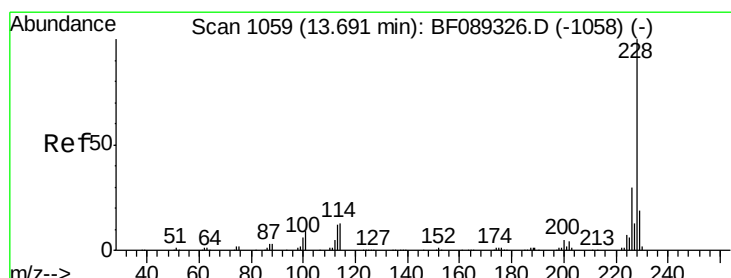
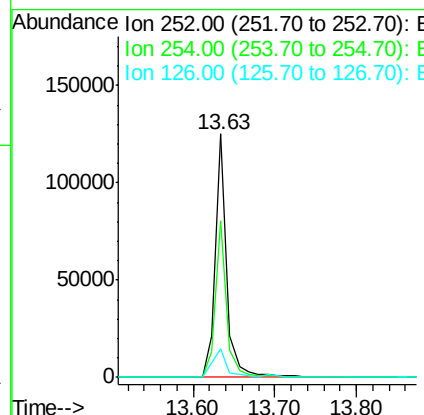
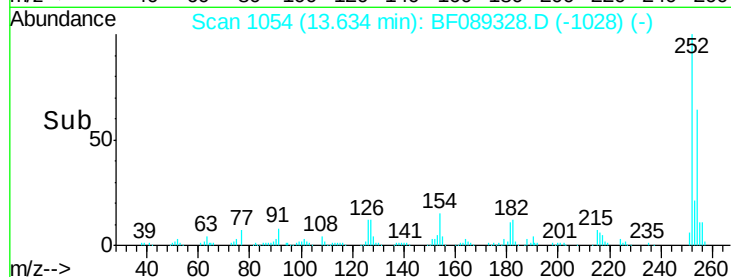
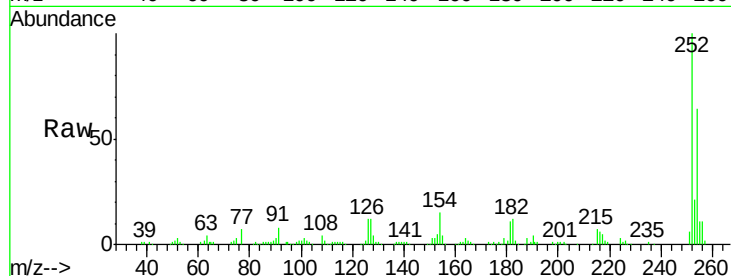
#81
 3,3'-Dichlorobenzidine
 Concen: 44.36 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.5	78.7
126	11.9	7.4	11.2

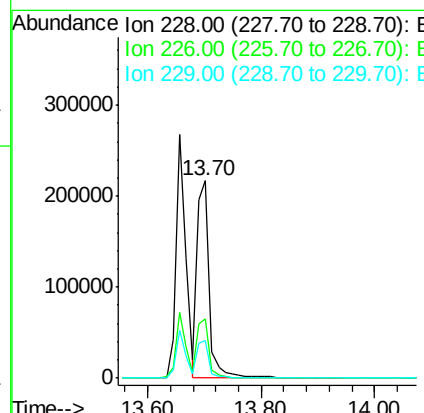
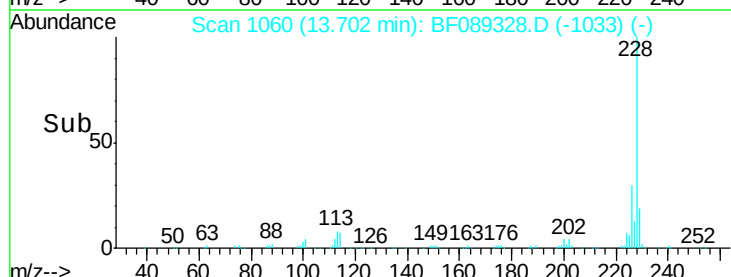
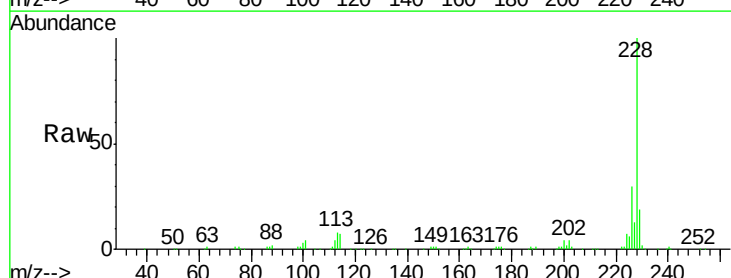
Manual Integrations

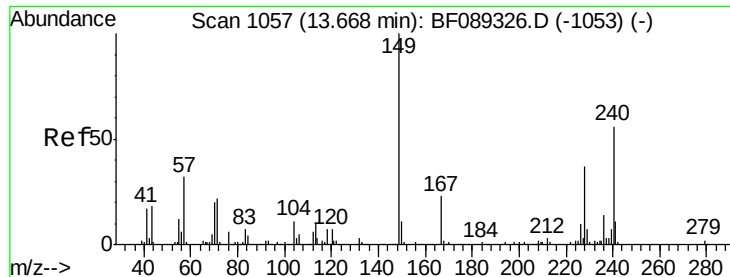
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#82
 Chrysene
 Concen: 39.14 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.1	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.09 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

ICVBF072716

Tot Ion:149 Resp: 277966

Ion Ratio Lower Upper

149 100

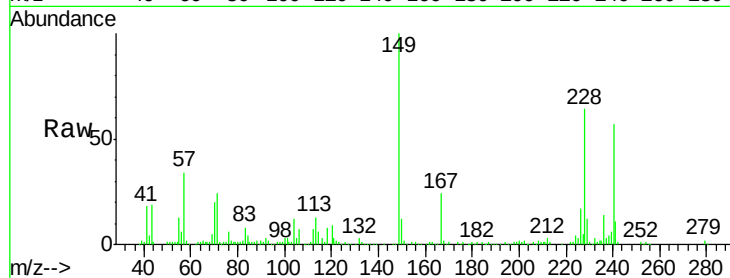
167 23.5 18.8 28.2

279 1.6 1.4 2.0

Manual Integrations

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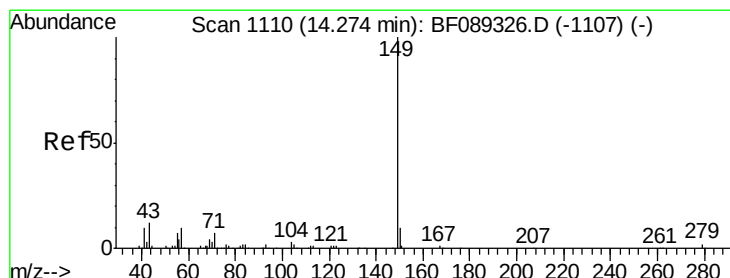
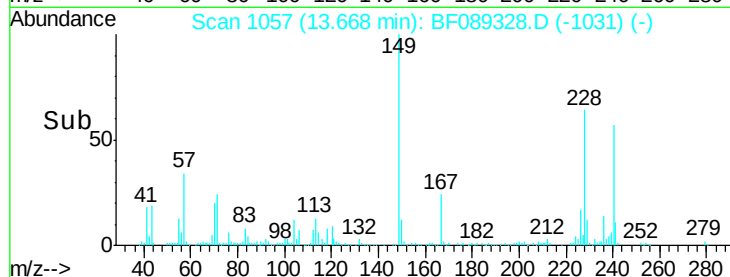
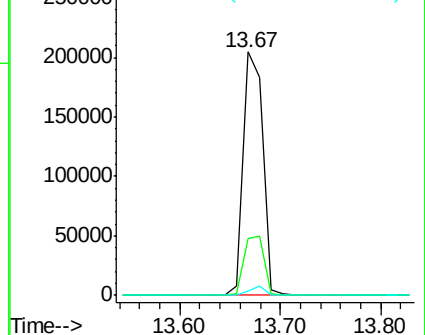
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.48 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

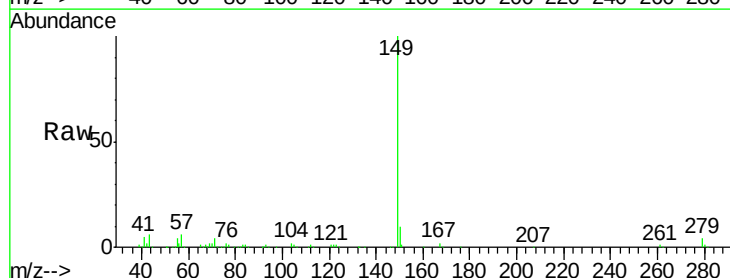
Tgt Ion:149 Resp: 470504

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

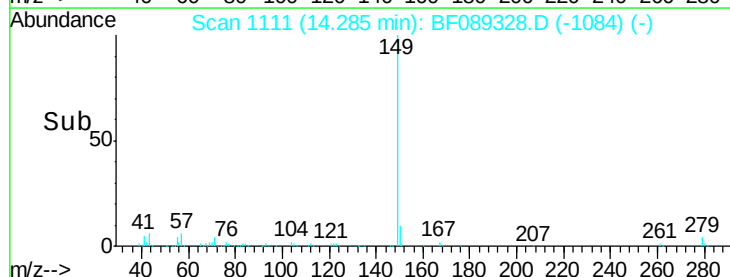
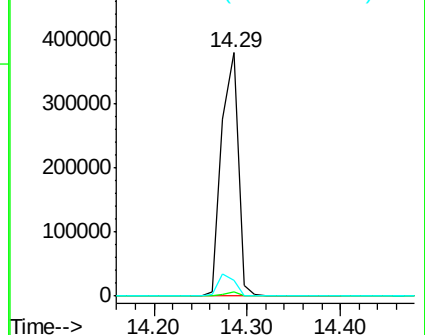
43 9.0 7.3 10.9

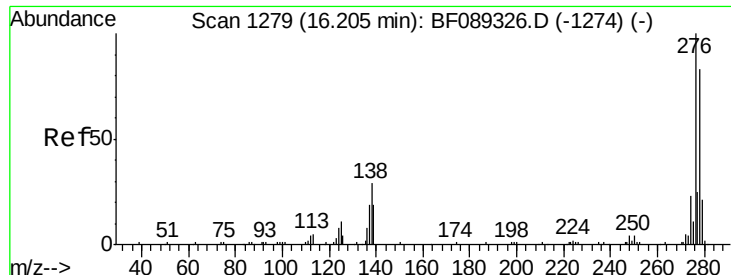


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





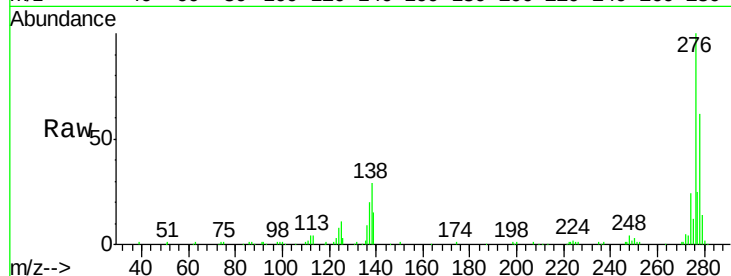
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.60 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

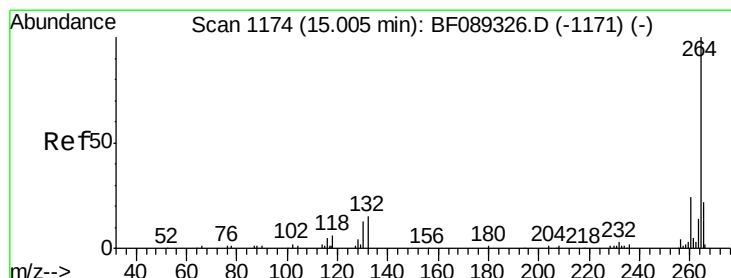
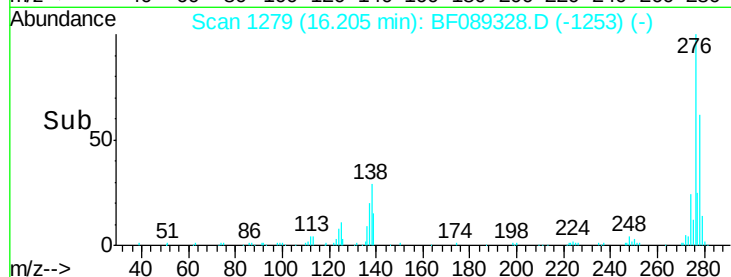
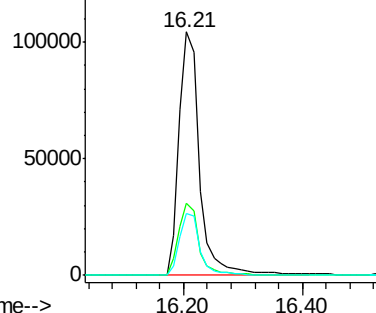
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	25.4	20.2	30.4

Manual Integrations

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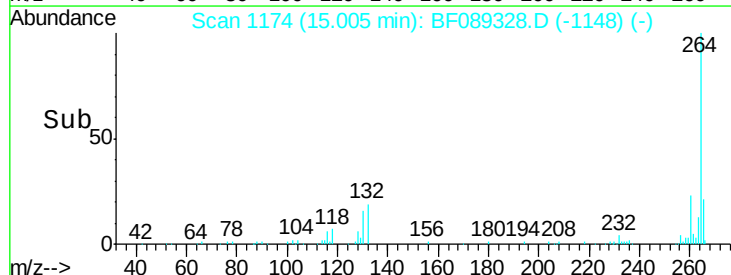
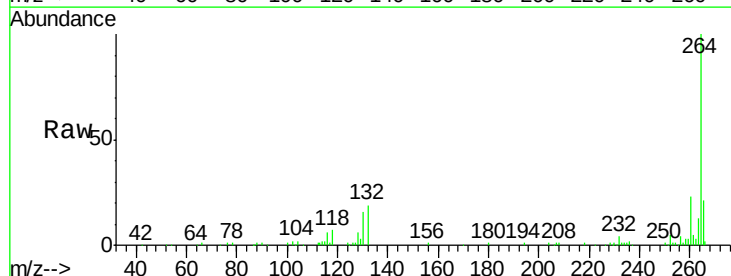
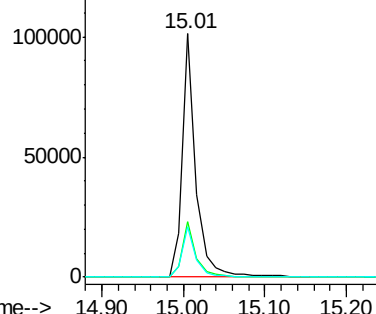
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

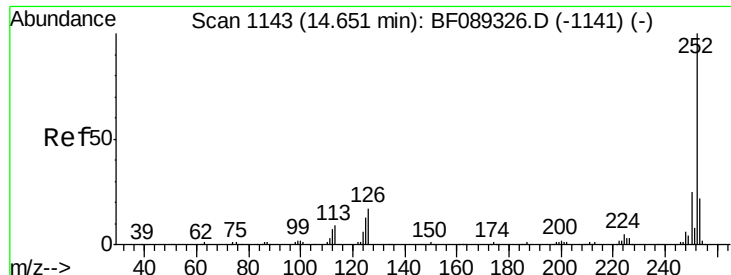


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	20.9	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: 33.37 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

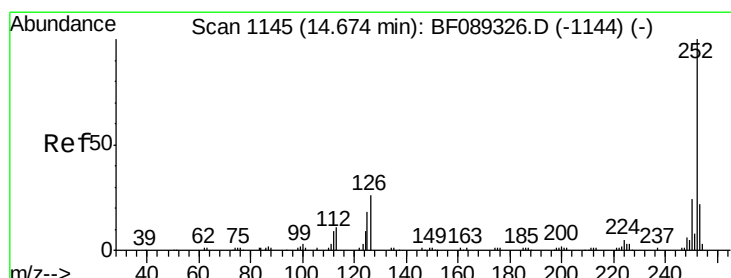
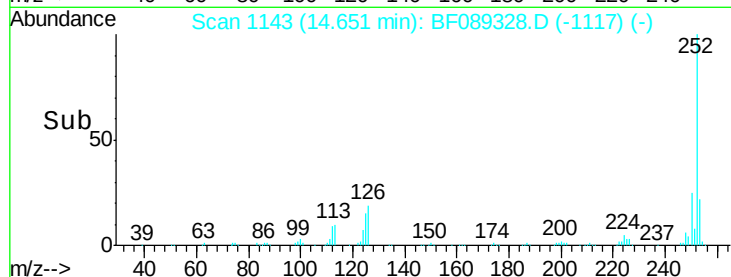
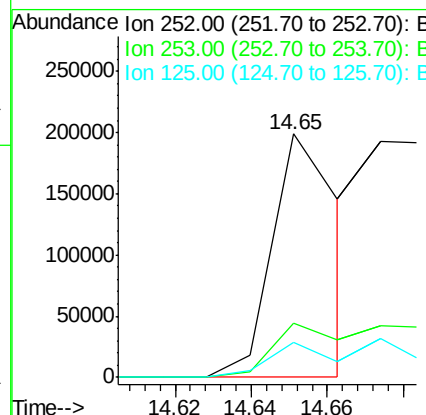
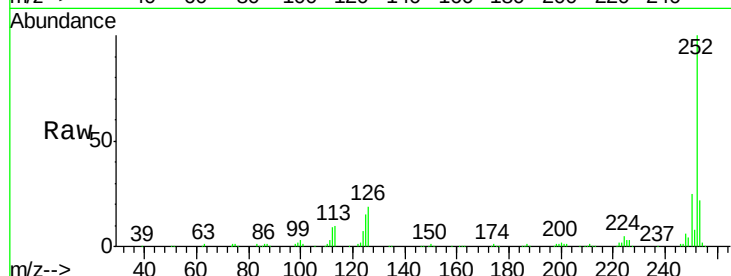
ICVBF072716

Tot Ion:	252	Resp:	248645
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	14.5	9.7	14.5#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 44.49 ng m

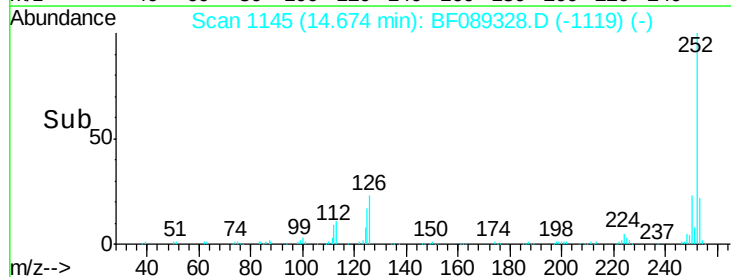
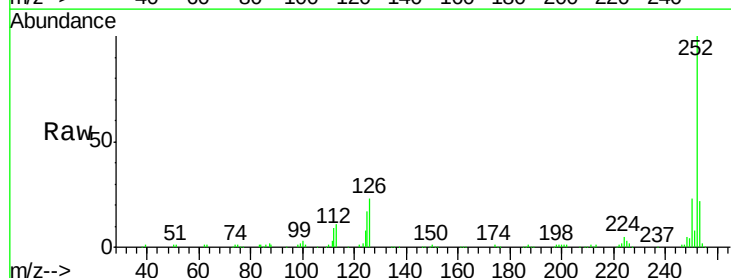
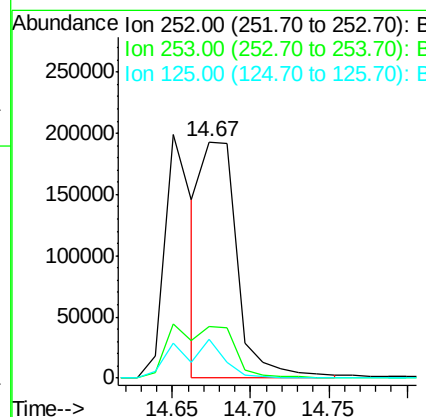
RT: 14.67 min Scan# 1145

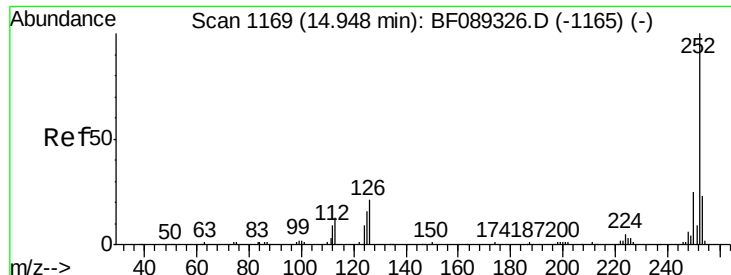
Delta R.T. 0.00 min

Lab File: BF089328.D

Acq: 27 Jul 2016 14:51

Tgt Ion:	252	Resp:	304775
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	16.5	10.7	16.1#





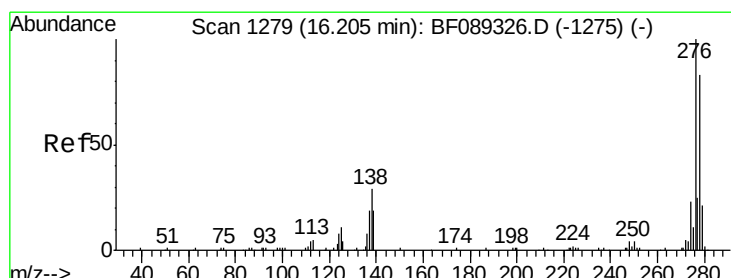
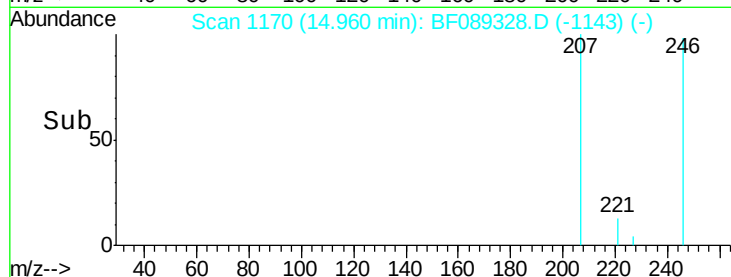
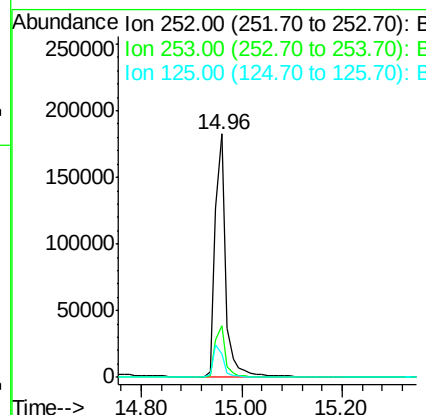
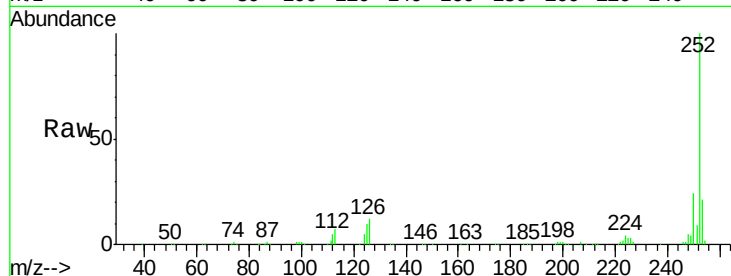
#89
Benzo(a)pyrene
Concen: 39.71 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :
ICVBF072716

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	9.7	12.4	18.6

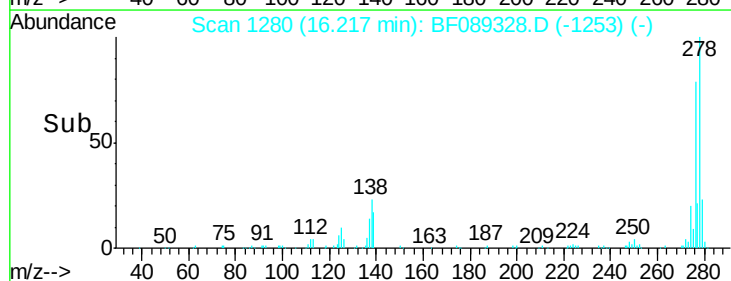
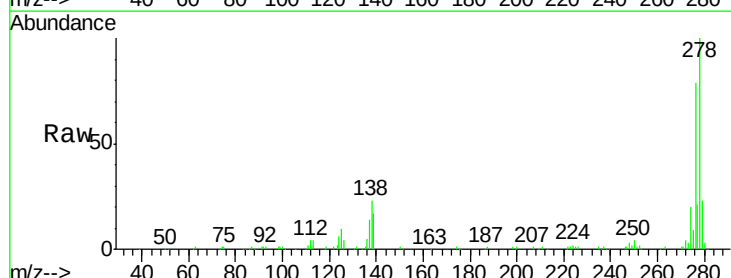
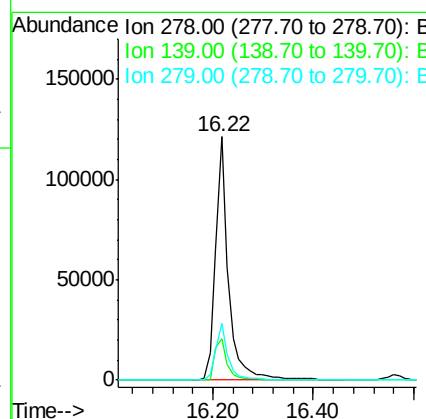
Manual Integrations

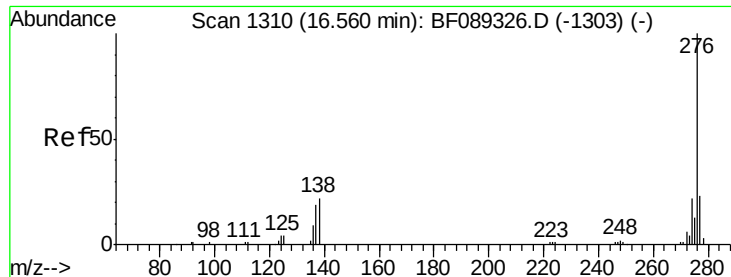
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#90
Dibenzo(a,h)anthracene
Concen: 41.27 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089328.D
Acq: 27 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.3	24.5
279	23.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.05 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089328.D
 Acq: 27 Jul 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072716

Tot Ion:	276	Resp:	202151
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.6	28.0
138	24.9	21.4	32.0

Manual Integrations

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