

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089979.D
 Acq On : 2 Sep 2016 17:11
 Operator : UM/SJ
 Sample : H4675-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Manual Integrations
 APPROVED

sohil
 9/5/2016 6:42:34 AM

Quant Time: Sep 02 18:47:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192060	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	756112	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	364019	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	669354	20.00	ng	0.00
75) Chrysene-d12	13.76	240	421670	20.00	ng	0.00
86) Perylene-d12	15.10	264	430735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1349259	112.45	ng	0.01
7) Phenol-d6	6.28	99	1786669	122.54	ng	0.00
23) Nitrobenzene-d5	7.21	82	1032508	79.20	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	388001	108.04	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1817506	81.96	ng	0.00
78) Terphenyl-d14	12.72	244	1409920	82.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	201032	35.36	ng	99
3) Pyridine	2.81	79	117571	7.75	ng	96
4) n-Nitrosodimethylamine	2.74	42	330966	44.25	ng	92
6) Aniline	6.30	93	495036	24.88	ng	# 70
8) 2-Chlorophenol	6.42	128	532567	40.91	ng	91
9) Benzaldehyde	6.17	77	106837	11.36	ng	90
10) Phenol	6.31	94	634124	37.40	ng	# 75
11) bis(2-Chloroethyl)ether	6.39	93	578184	45.06	ng	89
12) 1,3-Dichlorobenzene	6.58	146	615121	42.31	ng	99
13) 1,4-Dichlorobenzene	6.66	146	607701m	40.85	ng	
14) 1,2-Dichlorobenzene	6.81	146	585932m	43.94	ng	
15) Benzyl Alcohol	6.79	79	396033	43.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1057090	43.21	ng	98
17) 2-Methylphenol	6.91	107	476407	45.83	ng	99
18) Hexachloroethane	7.15	117	211197	41.45	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	405025	42.63	ng	94
20) 3+4-Methylphenols	7.06	107	545084	43.26	ng	# 86
22) Acetophenone	7.06	105	683249	40.28	ng	100
24) Nitrobenzene	7.23	77	571838	41.26	ng	# 71
25) Isophorone	7.47	82	1059484	39.96	ng	100
26) 2-Nitrophenol	7.54	139	278084	41.97	ng	98
27) 2,4-Dimethylphenol	7.60	122	547879	44.70	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	709152	44.35	ng	99
29) 2,4-Dichlorophenol	7.79	162	476263	43.35	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	525483	43.74	ng	98
31) Naphthalene	7.94	128	1507766	40.03	ng	100
32) Benzoic acid	7.71	122	208832	25.29	ng	93
33) 4-Chloroaniline	8.00	127	463285	30.48	ng	99
34) Hexachlorobutadiene	8.07	225	277197	39.38	ng	99
35) Caprolactam	8.38	113	156394m	45.10	ng	
36) 4-Chloro-3-methylphenol	8.49	107	473095	40.66	ng	85
37) 2-Methylnaphthalene	8.64	142	1122687	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	378221	35.47	ng	100
40) Hexachlorocyclopentadiene	8.80	237	367899	67.28	ng	98

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	325168	44.00	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	331474	46.64	ng	95
45) 1,1'-Biphenyl	9.10	154	1044595	35.64	ng	100
46) 2-Chloronaphthalene	9.12	162	881486	42.52	ng	99
47) 2-Nitroaniline	9.22	65	351098	51.80	ng	# 73
48) Acenaphthylene	9.53	152	1402939	40.92	ng	99
49) Dimethylphthalate	9.42	163	1953697	74.26	ng	99
50) 2,6-Dinitrotoluene	9.46	165	249264	42.60	ng	91
51) Acenaphthene	9.70	154	974213	44.85	ng	99
52) 3-Nitroaniline	9.63	138	245206	36.74	ng	# 62
53) 2,4-Dinitrophenol	9.74	184	222433	62.14	ng	# 72
54) Dibenzofuran	9.87	168	1252987	43.05	ng	99
55) 4-Nitrophenol	9.80	139	448590	89.11	ng	96
56) 2,4-Dinitrotoluene	9.86	165	297563	40.10	ng	# 85
57) Fluorene	10.22	166	964325	45.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	286889	47.15	ng	95
59) Diethylphthalate	10.10	149	1092338	44.13	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	457665	45.73	ng	97
61) 4-Nitroaniline	10.24	138	265959	40.56	ng	91
62) Azobenzene	10.36	77	1116964	45.18	ng	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	161289	37.64	ng	# 49
65) n-Nitrosodiphenylamine	10.33	169	833405	41.41	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	294787	43.75	ng	98
67) Hexachlorobenzene	10.75	284	313662	40.75	ng	96
68) Atrazine	10.87	200	328805	48.94	ng	94
69) Pentachlorophenol	10.95	266	338788	81.81	ng	98
70) Phenanthrene	11.17	178	1351903	40.56	ng	100
71) Anthracene	11.21	178	1415295	41.86	ng	99
72) Carbazole	11.37	167	1194743	37.69	ng	100
73) Di-n-butylphthalate	11.73	149	1652445	44.72	ng	# 97
74) Fluoranthene	12.34	202	1415994	40.54	ng	98
76) Benzidine	12.47	184	12510	0.78	ng	98
77) Pyrene	12.56	202	1336054	44.94	ng	99
79) Butylbenzylphthalate	13.20	149	584428	48.74	ng	98
80) Benzo(a)anthracene	13.75	228	1129567	43.74	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	341035	36.58	ng	99
82) Chrysene	13.78	228	1055605	43.76	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	819739	49.43	ng	100
84) Di-n-octyl phthalate	14.38	149	1335883	49.91	ng	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1068787	59.92	ng	99
87) Benzo(b)fluoranthene	14.74	252	1183648m	43.87	ng	
88) Benzo(k)fluoranthene	14.77	252	838668m	36.63	ng	
89) Benzo(a)pyrene	15.05	252	1015195	43.91	ng	# 97
90) Dibenzo(a,h)anthracene	16.35	278	902763	53.29	ng	99
91) Benzo(g,h,i)perylene	16.70	276	874453	51.29	ng	# 93

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

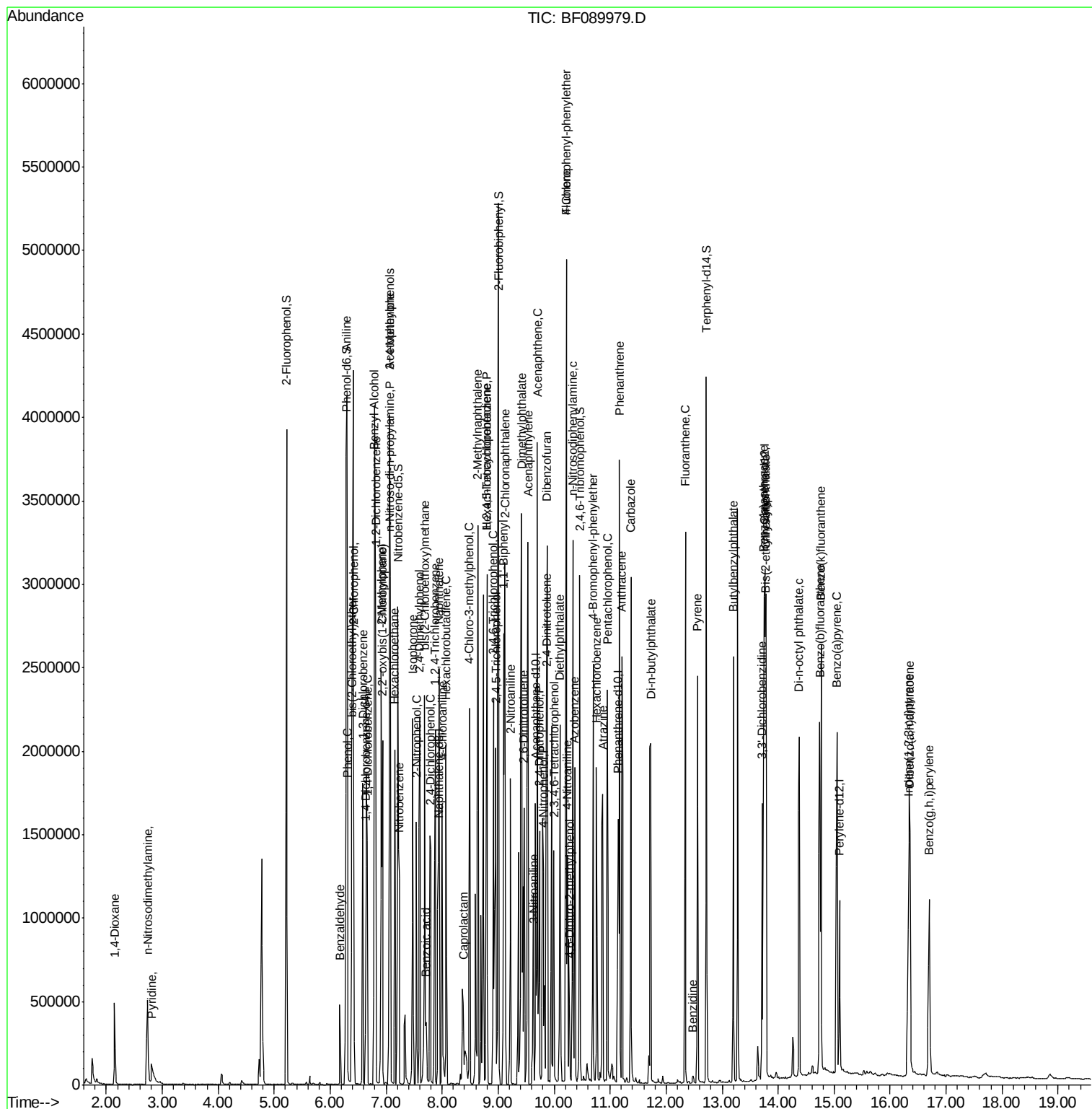
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Operator  : UM/SJ  
Sample    : H4675-03MS  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
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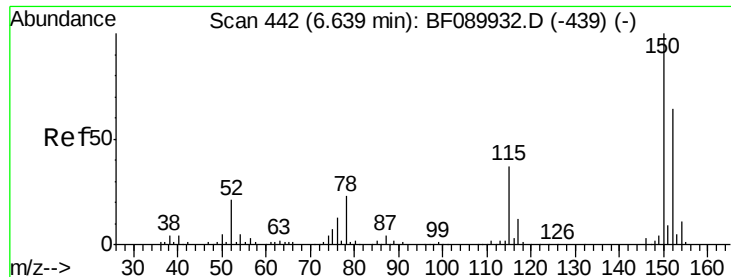
Instrument :
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#1

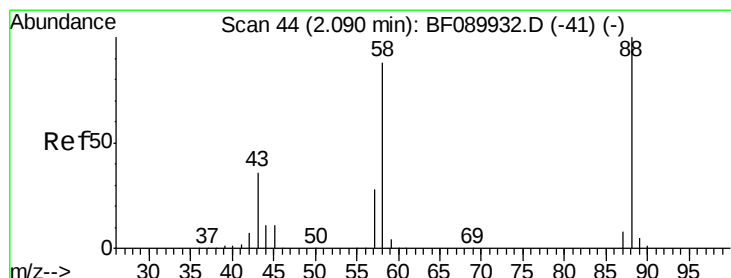
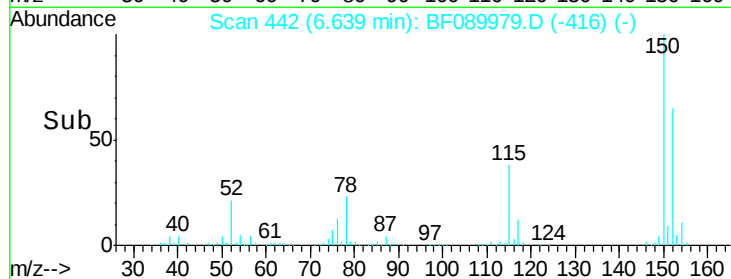
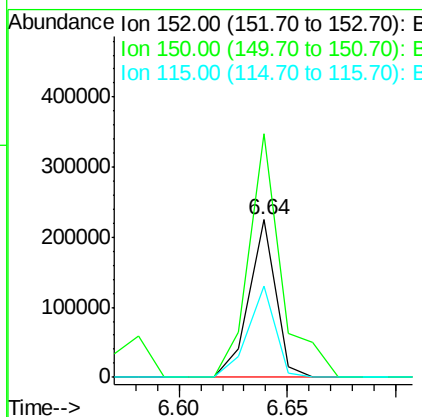
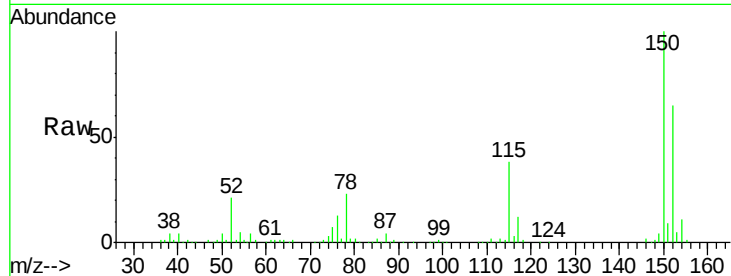
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.2
115	57.9	46.3	69.5

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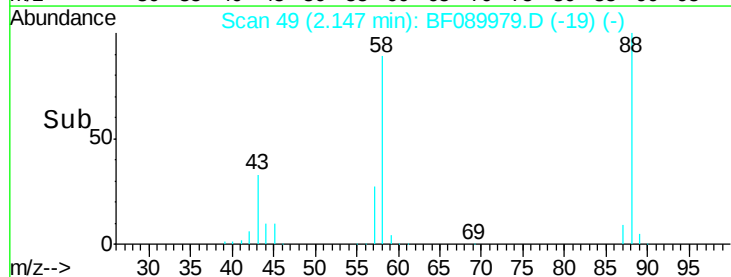
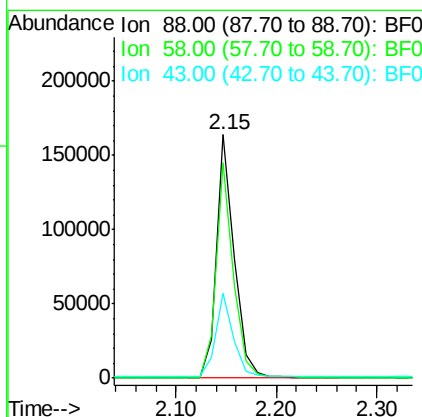
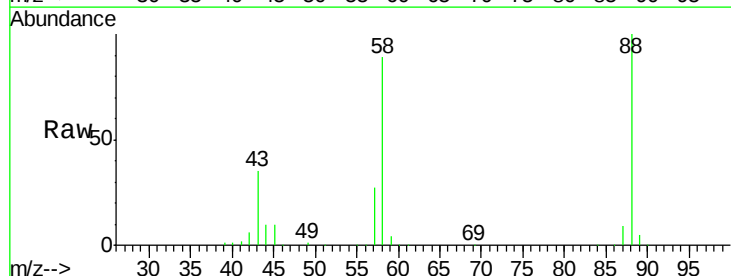
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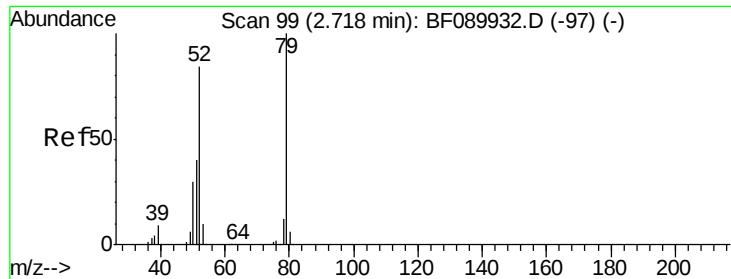


#2

1,4-Dioxane
Concen: 35.36 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.05 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	68.8	103.2
43	34.4	27.0	40.6





#3

Pyridine

Concen: 7.75 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.08 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

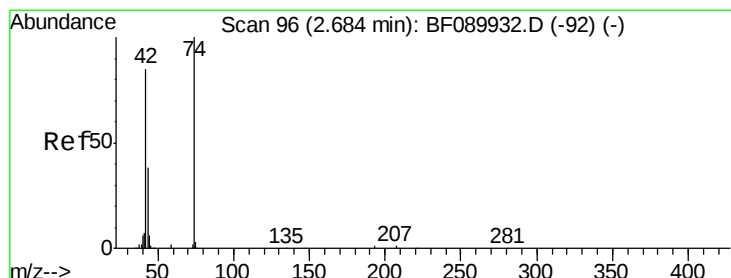
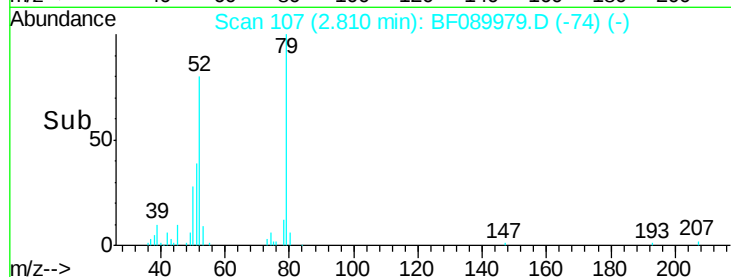
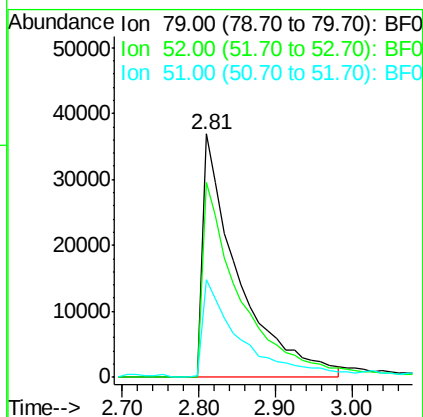
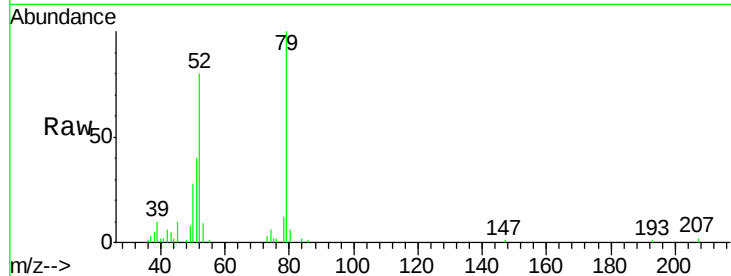
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:	79	Resp:	117571
Ion Ratio	Lower	Upper	
79	100		
52	79.9	67.8	101.6
51	40.4	32.9	49.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.25 ng

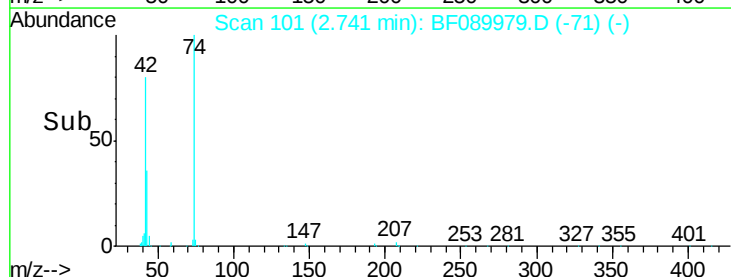
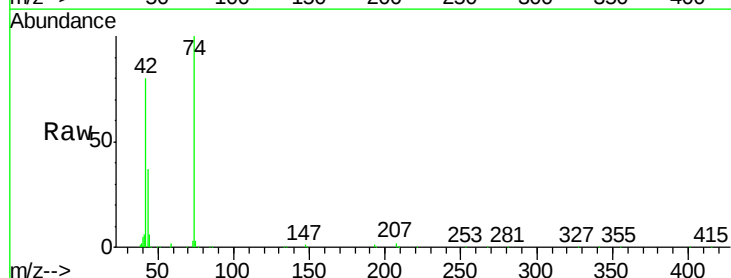
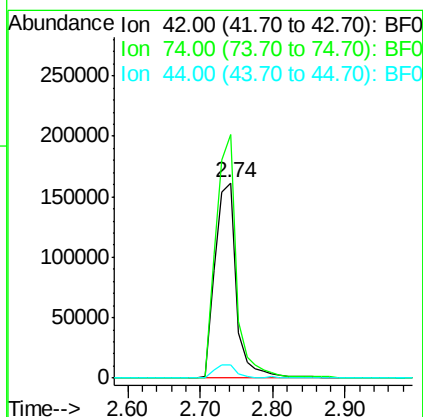
RT: 2.74 min Scan# 101

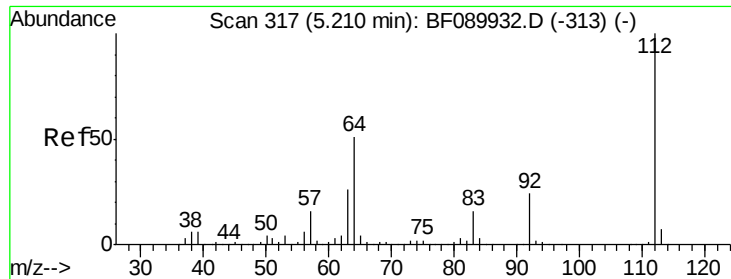
Delta R.T. 0.05 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	42	Resp:	330966
Ion Ratio	Lower	Upper	
42	100		
74	124.6	92.0	138.0
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 112.45 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

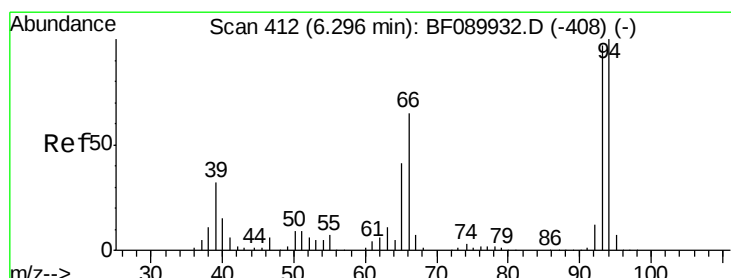
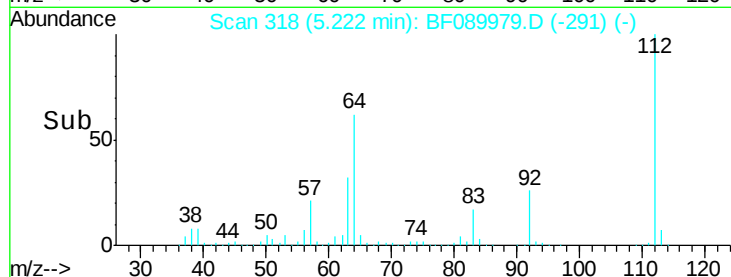
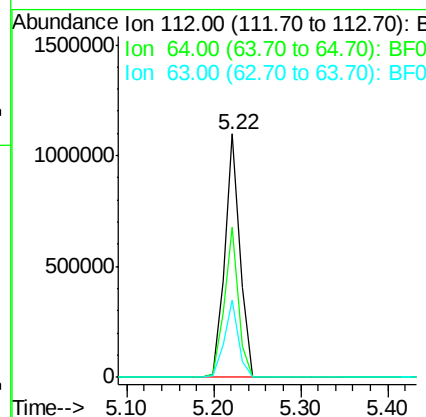
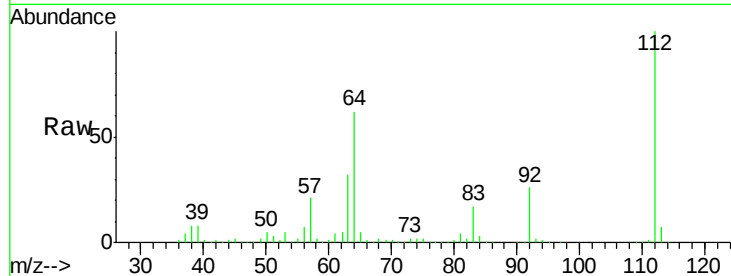
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:	112	Resp:	1349259
Ion	Ratio	Lower	Upper
112	100		
64	61.6	41.1	61.7
63	31.8	21.2	31.8#

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#6

Aniline

Concen: 24.88 ng

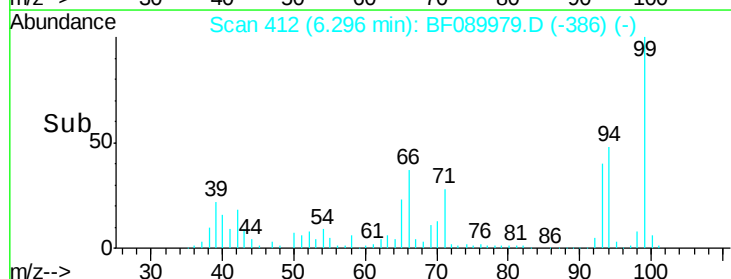
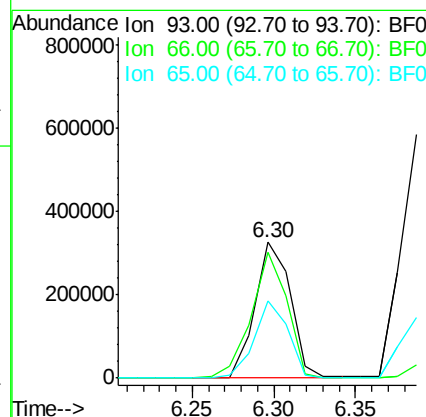
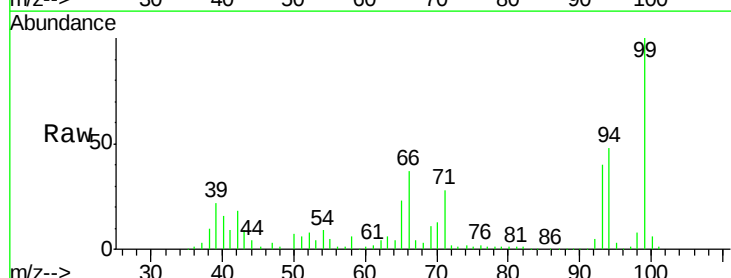
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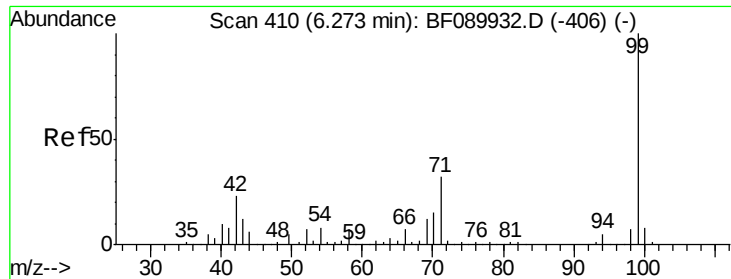
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	93	Resp:	495036
Ion	Ratio	Lower	Upper
93	100		
66	92.9	52.9	79.3#
65	56.9	33.0	49.6#





#7

Phenol-d6

Concen: 122.54 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion: 99 Resp: 1786669

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

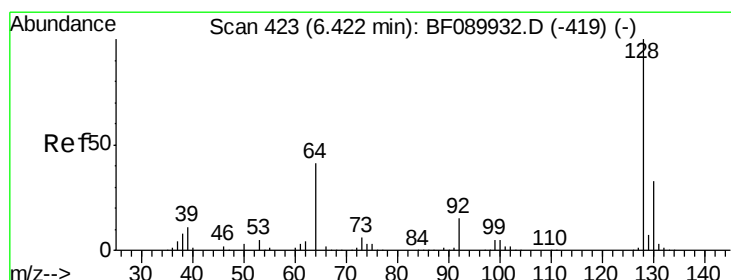
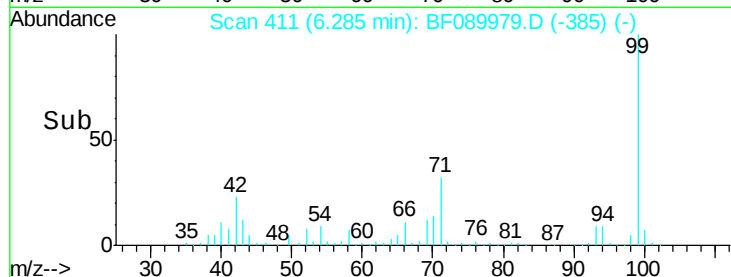
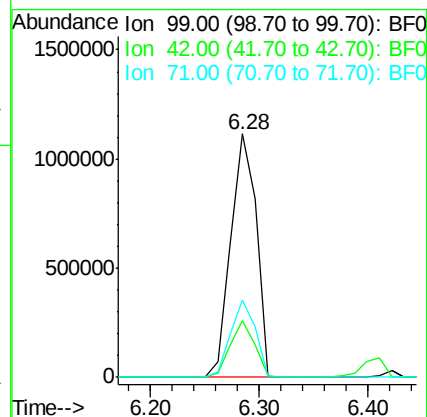
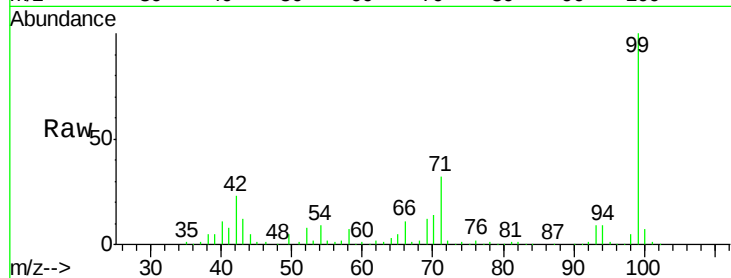
71 31.9 25.8 38.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.91 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

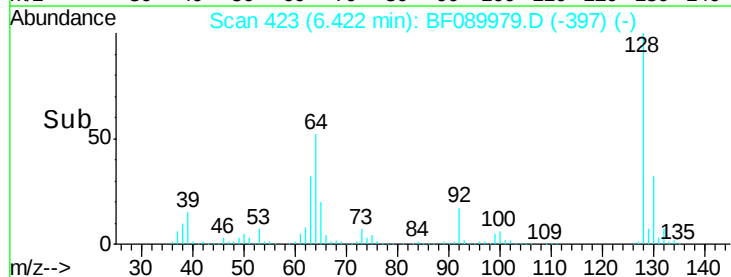
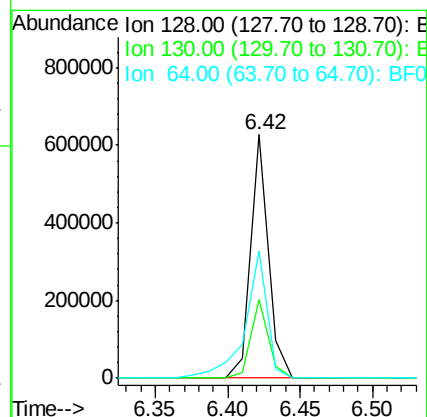
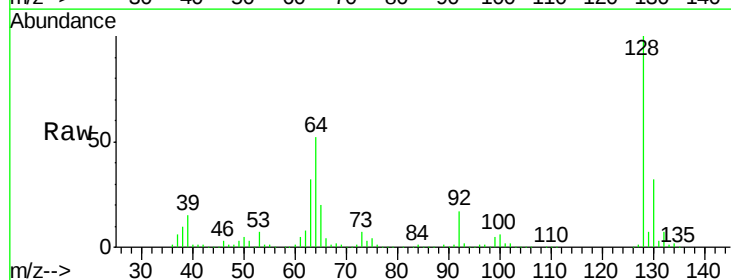
Tgt Ion: 128 Resp: 532567

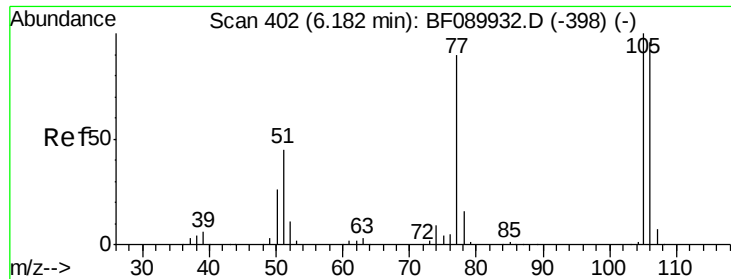
Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 52.4 23.2 63.2





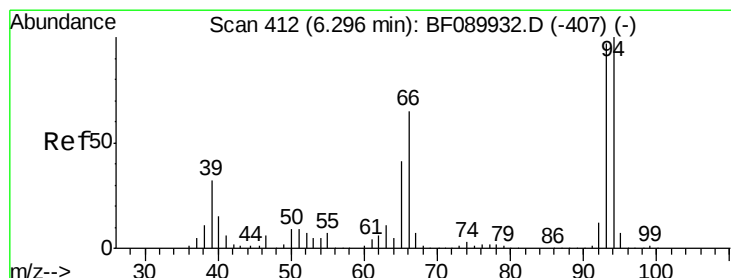
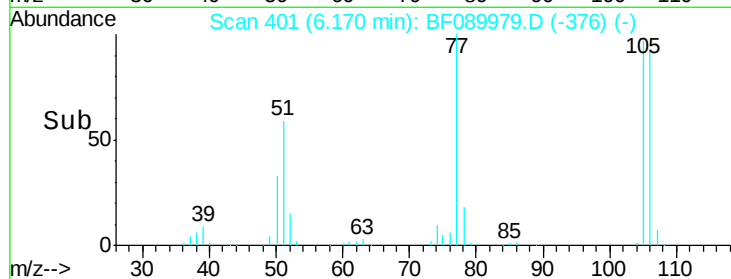
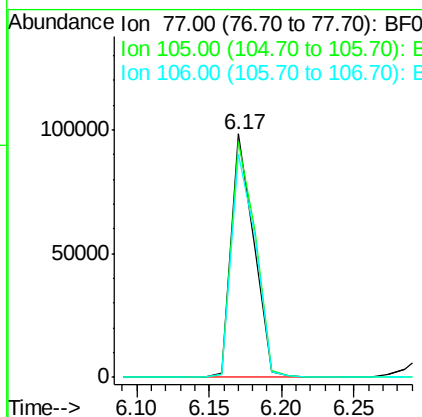
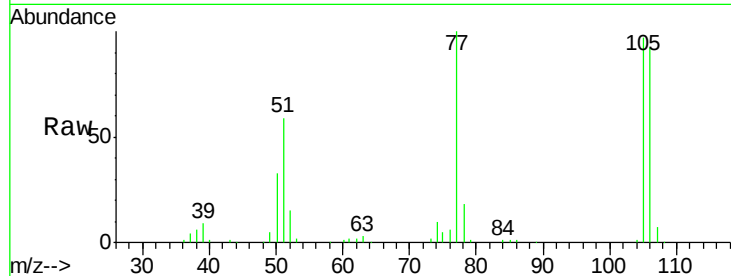
#9
Benzaldehyde
Concen: 11.36 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
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RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.8	85.4	125.4
106	91.8	83.4	123.4

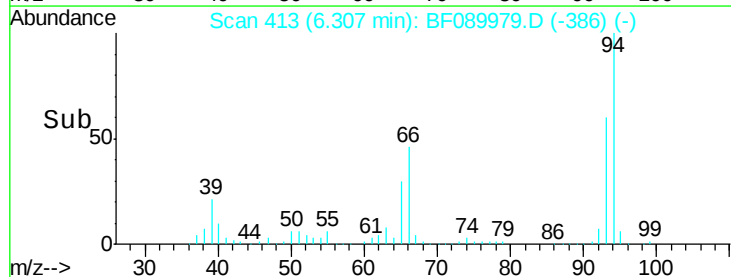
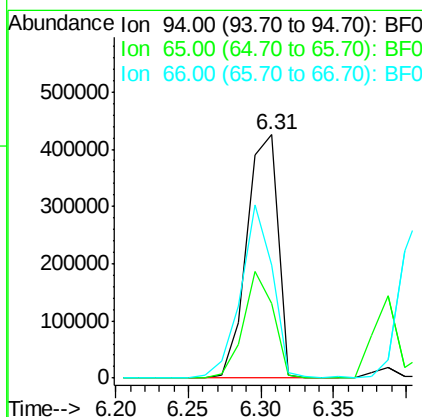
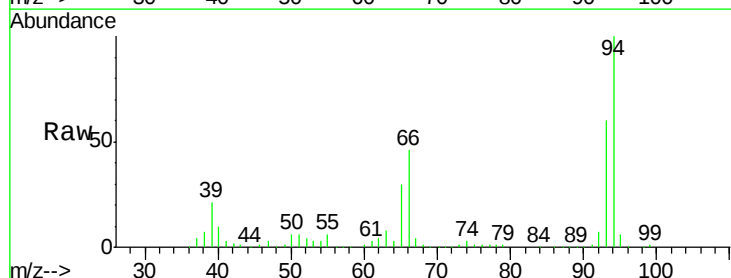
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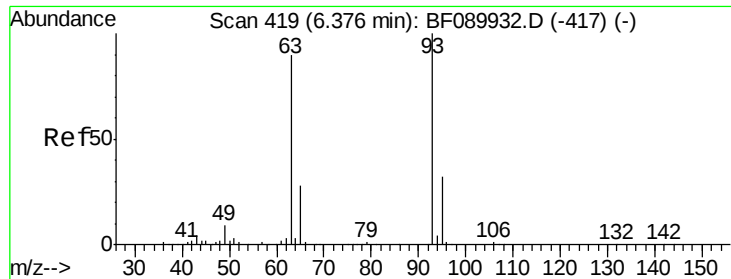
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#10
Phenol
Concen: 37.40 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	23.2	63.2
66	46.2	49.2	89.2#





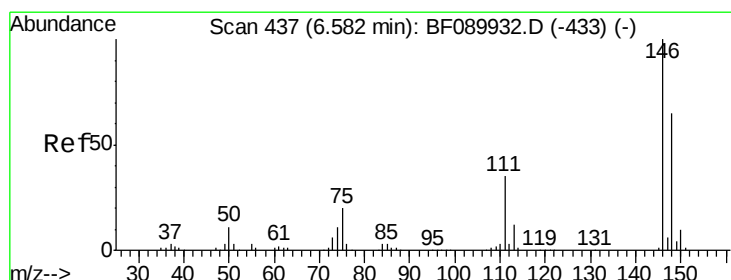
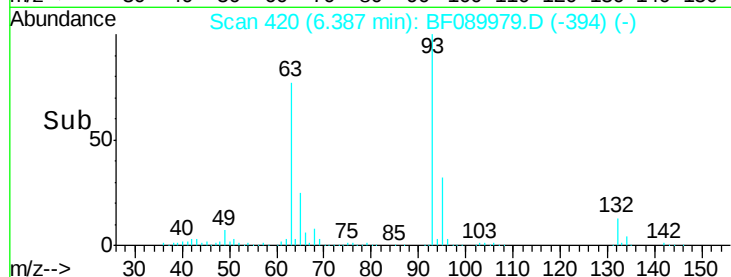
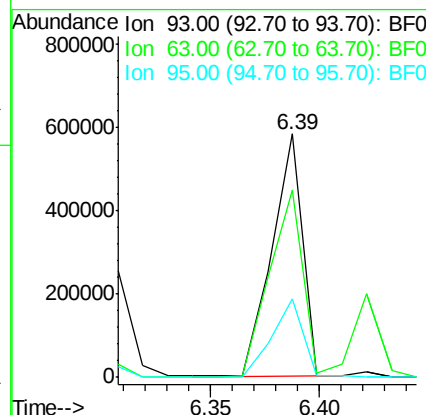
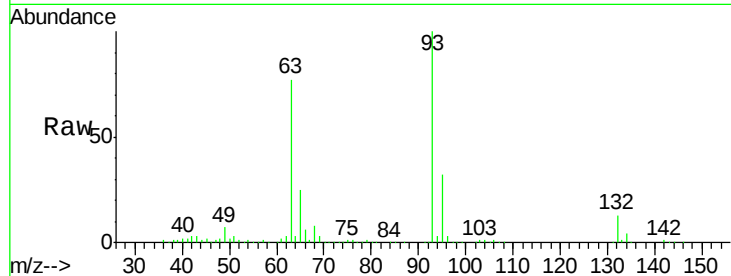
#11
bis(2-Chloroethyl)ether
Concen: 45.06 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion:	93	Resp:	578184
Ion	Ratio	Lower	Upper
93	100		
63	76.8	71.1	111.1
95	32.4	12.4	52.4

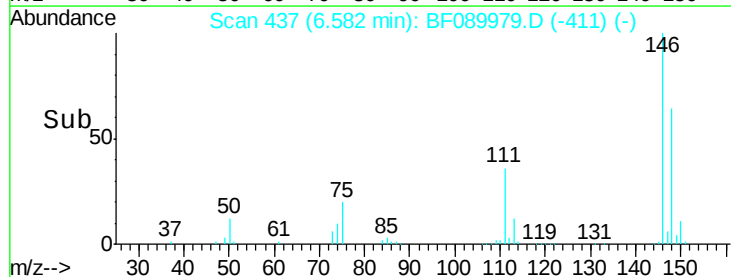
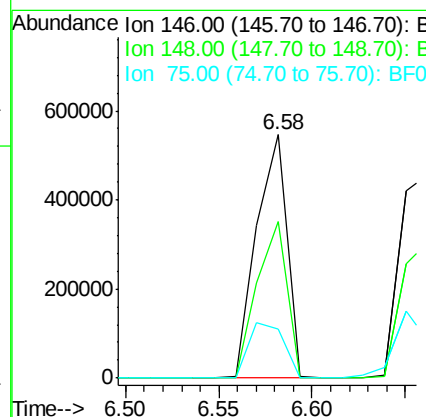
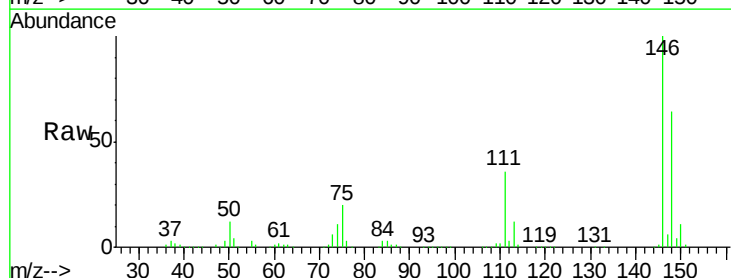
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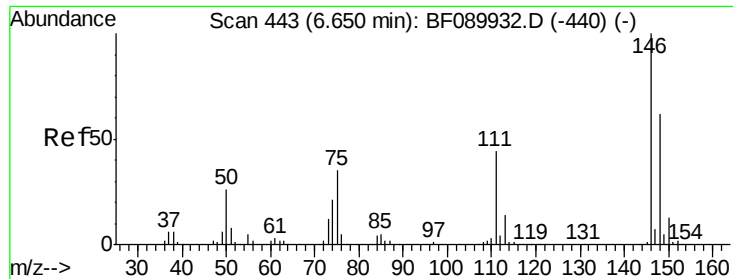
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#12
1,3-Dichlorobenzene
Concen: 42.31 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:	146	Resp:	615121
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.5	78.7
75	20.4	16.6	24.8





#13

1,4-Dichlorobenzene

Concen: 40.85 ng m

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

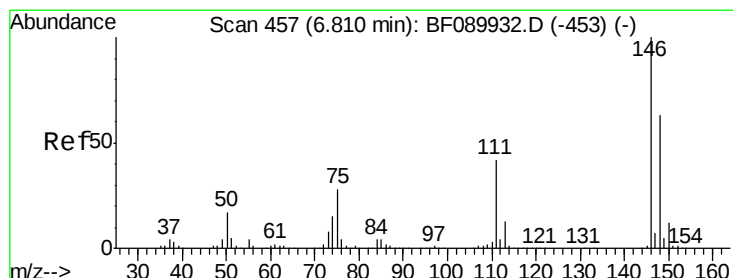
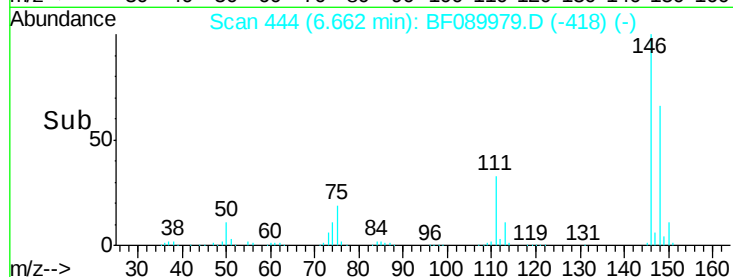
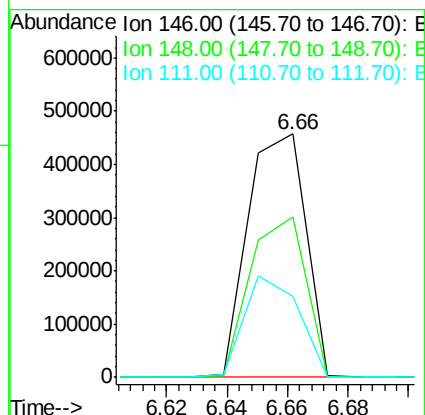
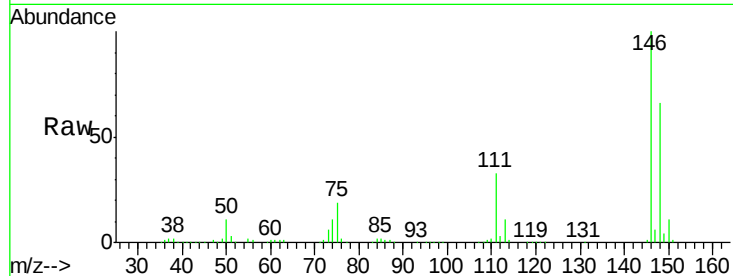
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.1	75.1
111	33.5	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 43.94 ng m

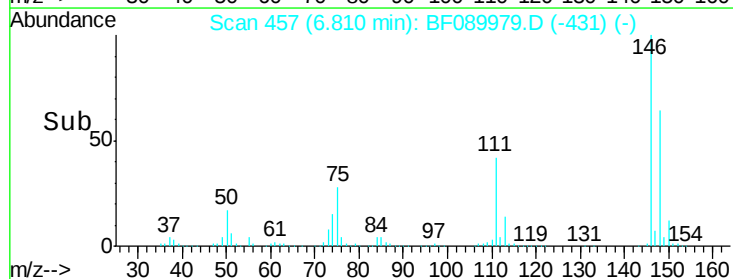
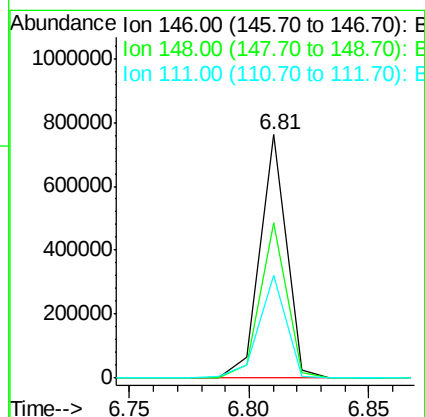
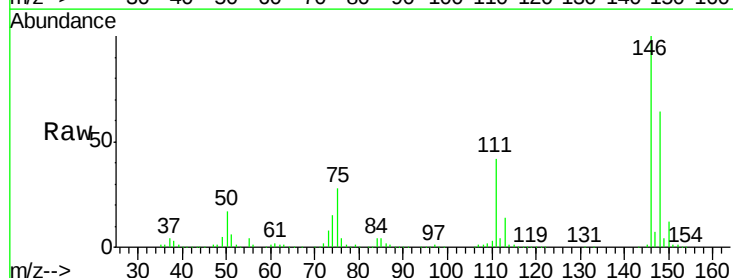
RT: 6.81 min Scan# 457

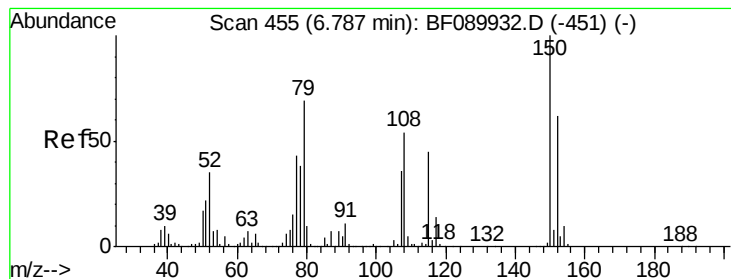
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	42.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 43.36 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion: 79 Resp: 396033
Ion Ratio Lower Upper

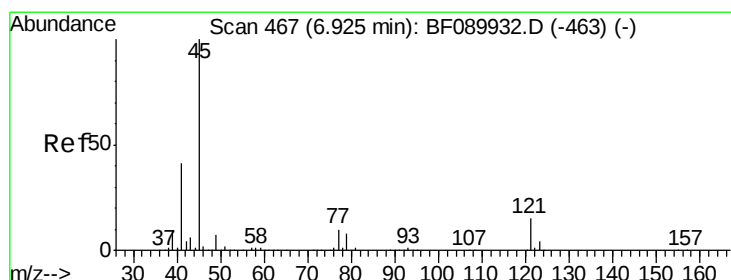
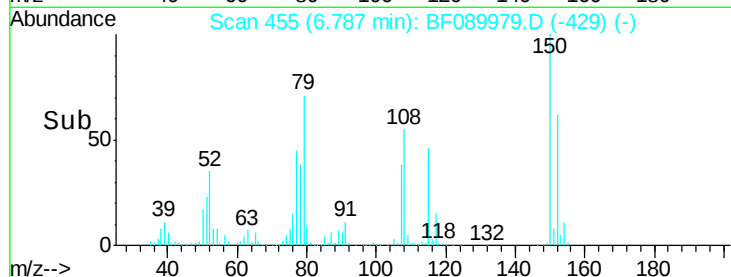
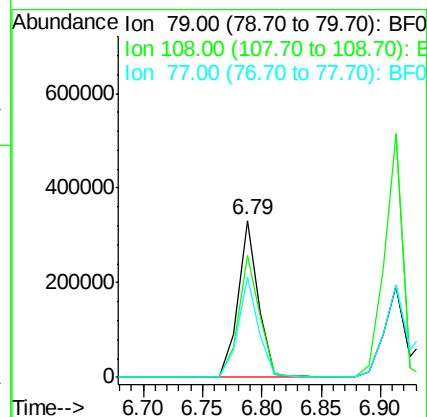
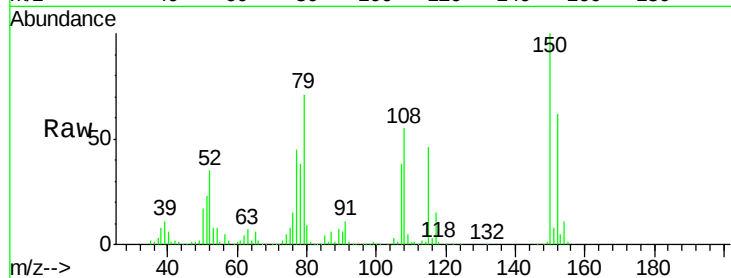
79 100

108 77.8 62.1 93.1

77 63.8 50.1 75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.21 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089979.D

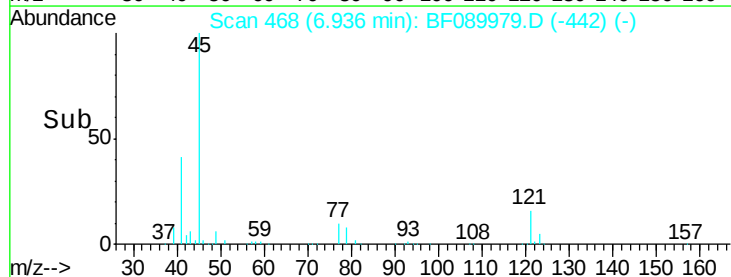
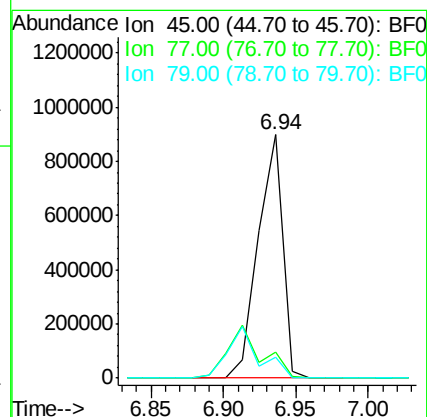
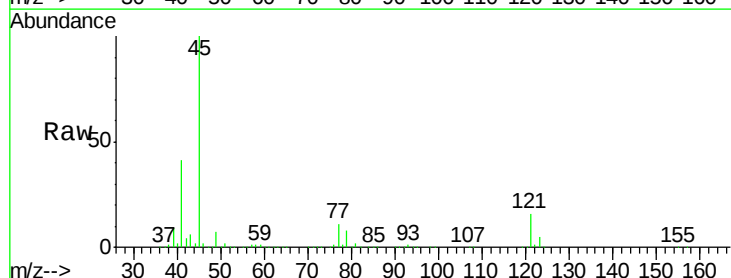
Acq: 2 Sep 2016 17:11

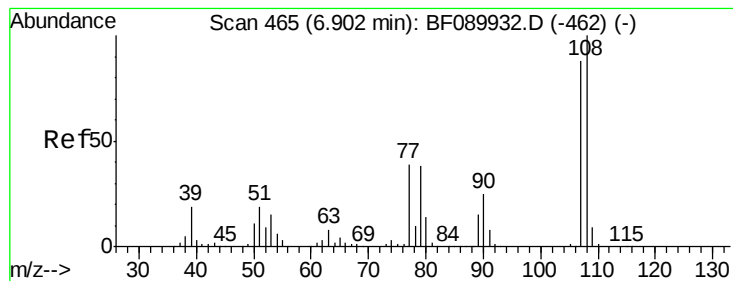
Tgt Ion: 45 Resp: 1057090
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.3

79 8.5 0.0 27.5





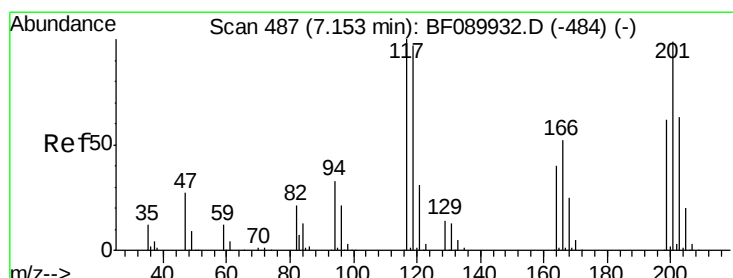
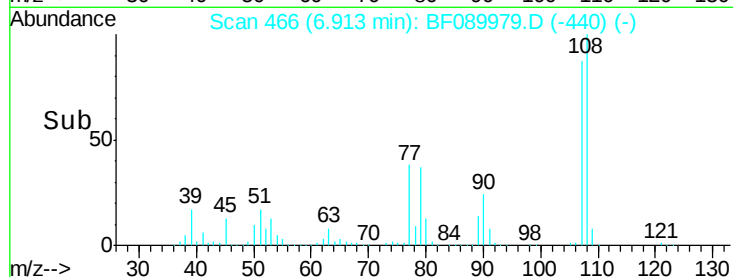
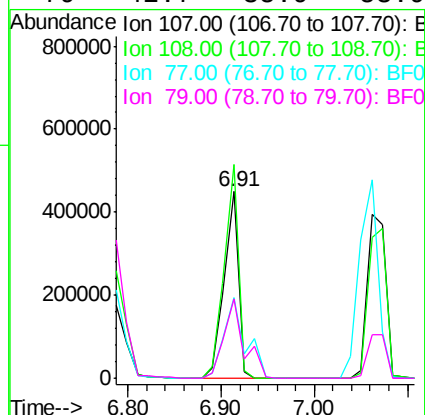
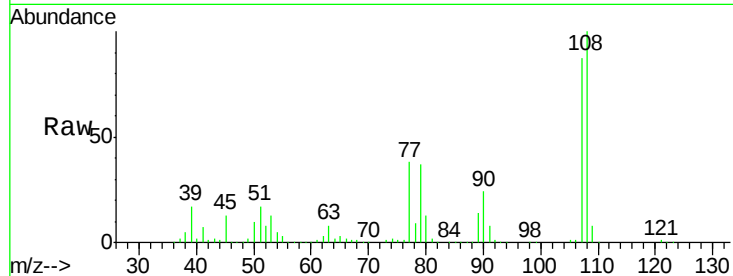
#17
2-Methylphenol
Concen: 45.83 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	476407		
108	114.5	91.8	137.6	
77	43.4	36.0	54.0	
79	42.7	35.9	53.9	

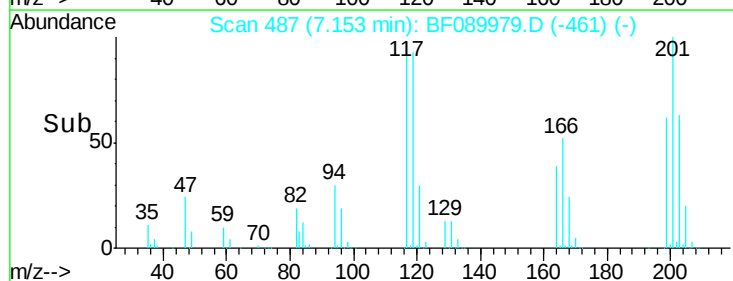
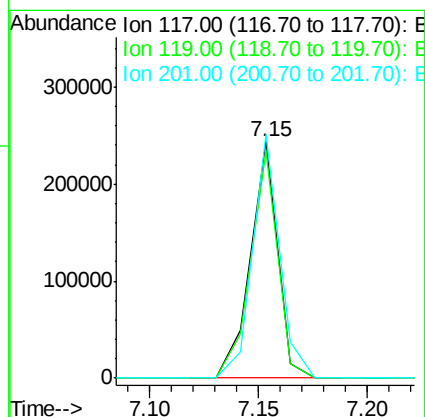
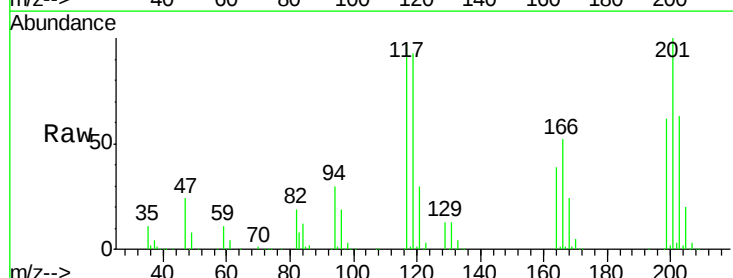
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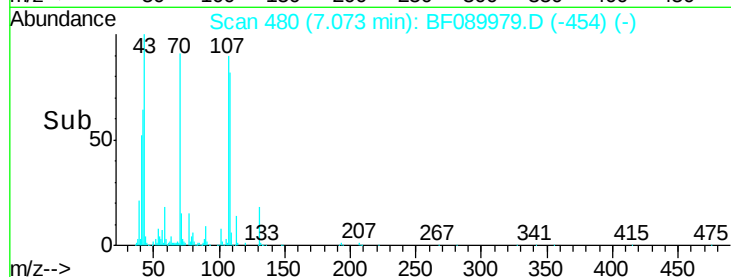
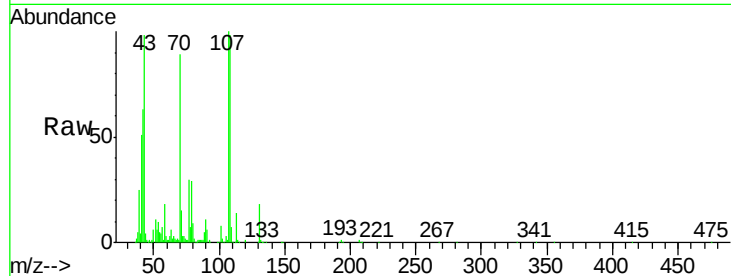
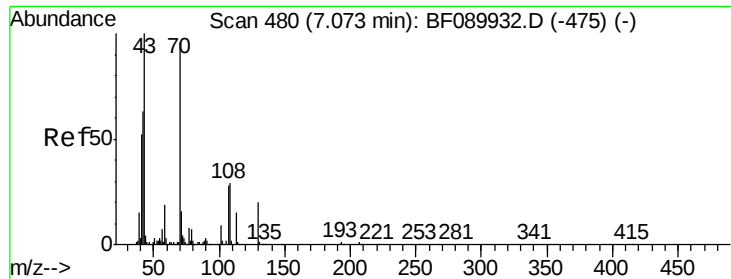
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#18
Hexachloroethane
Concen: 41.45 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211197		
119	95.9	76.2	114.2	
201	102.8	80.2	120.2	





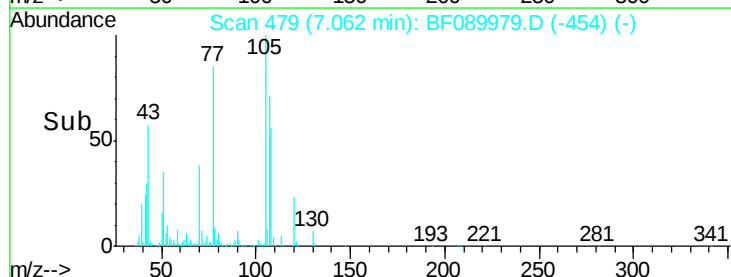
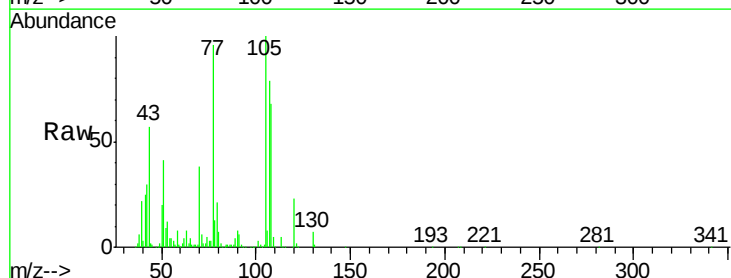
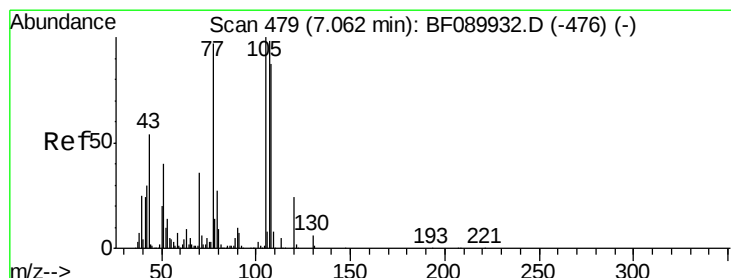
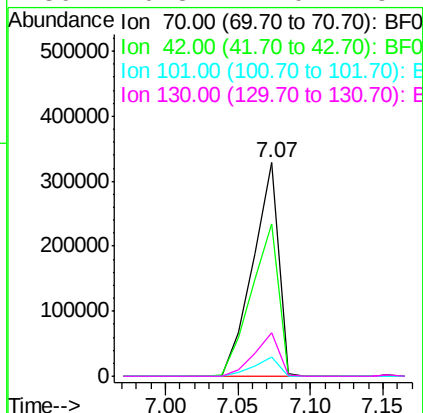
#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

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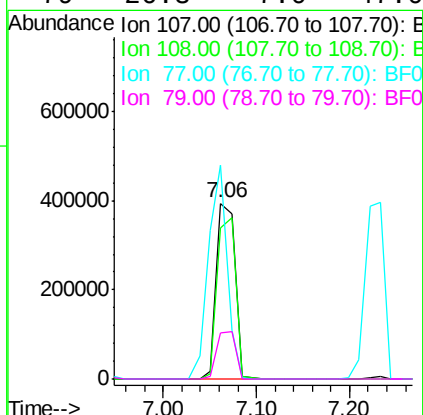
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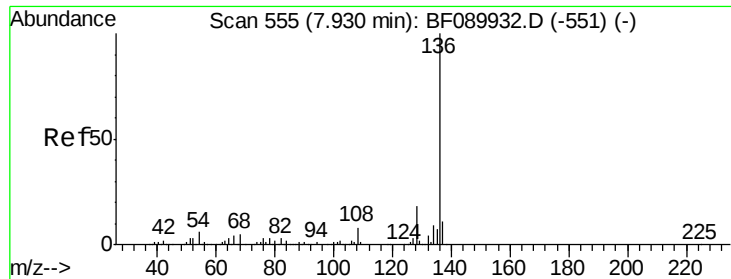
Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.1	52.1	78.1
101	9.2	7.4	11.2
130	20.3	17.0	25.4



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.2	110.2
77	121.4	75.7	115.7#
79	26.3	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

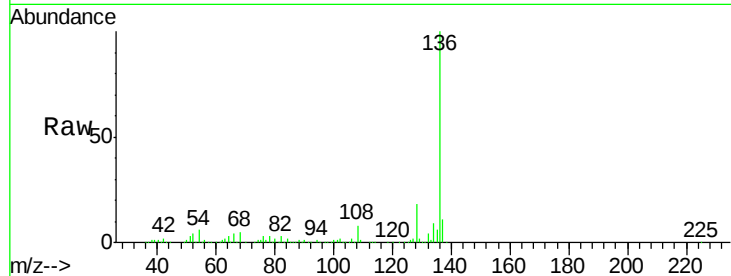
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	756112		
137	10.6	8.3	12.5	
54	6.1	4.8	7.2	
68	4.7	3.7	5.5	

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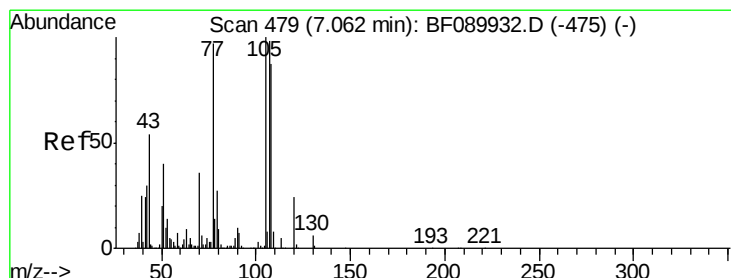
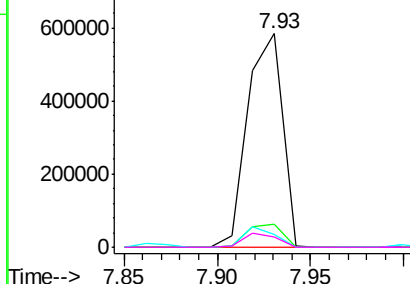
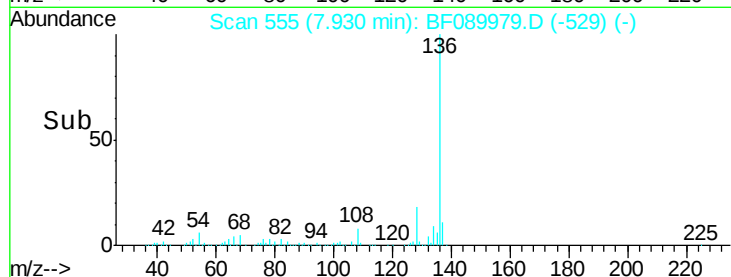


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.28 ng

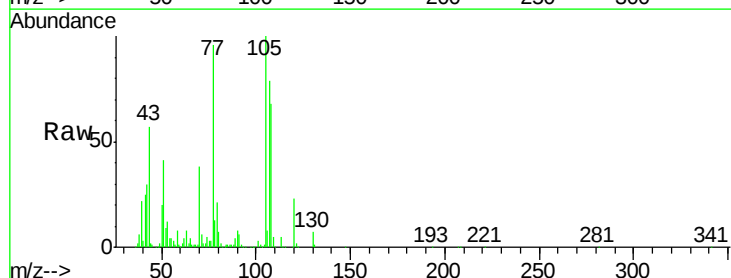
RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683249		
71	6.5	5.3	7.9	
51	40.9	32.6	48.8	
120	23.0	18.6	28.0	

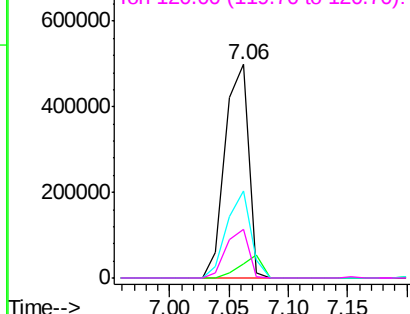
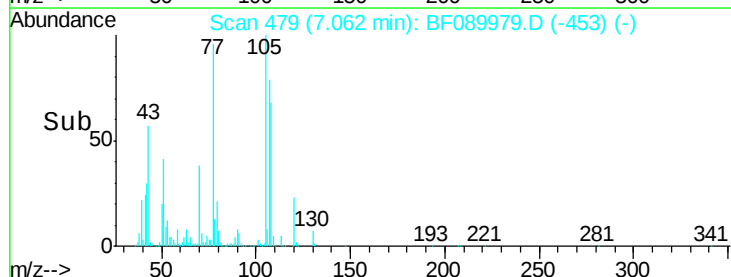


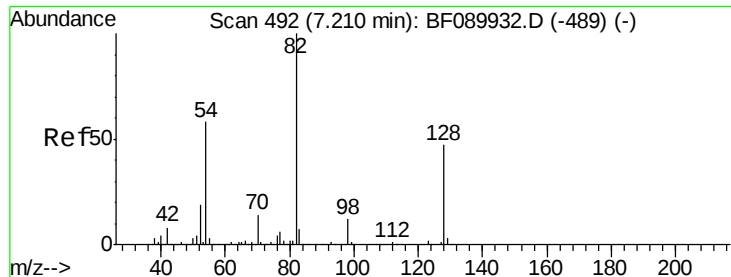
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





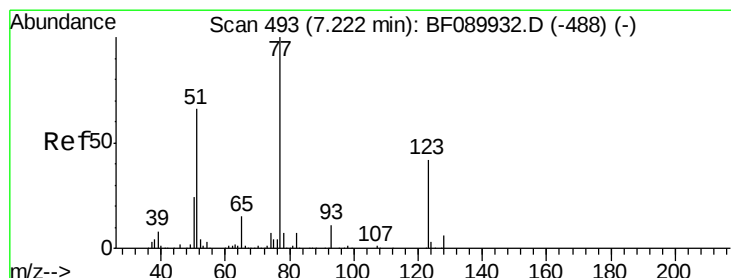
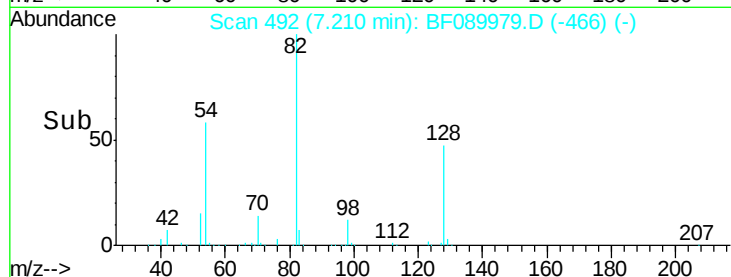
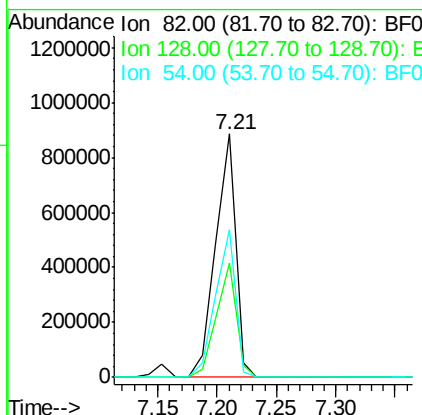
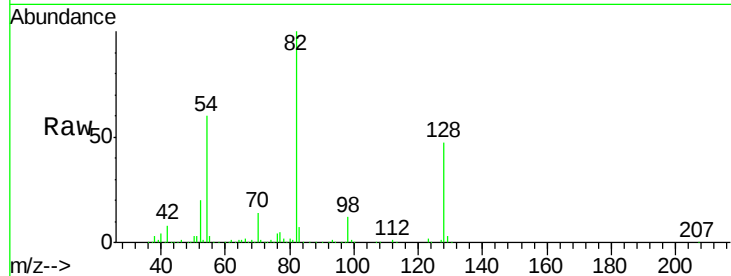
#23
 Nitrobenzene-d5
 Concen: 79.20 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	60.4	46.9	70.3

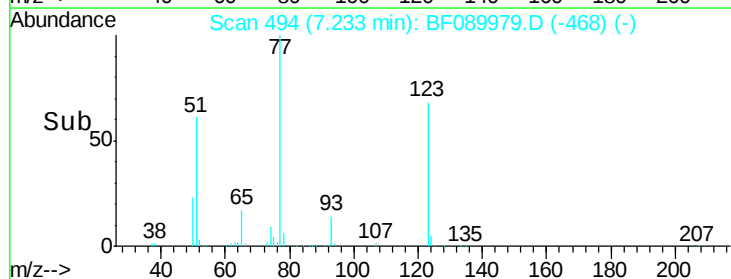
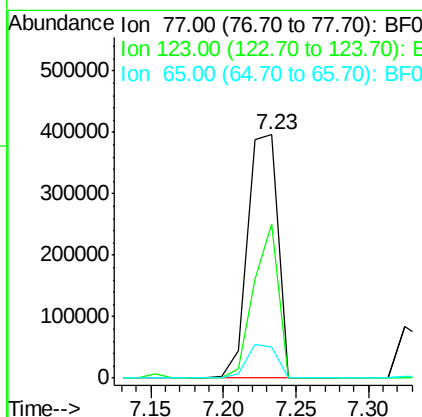
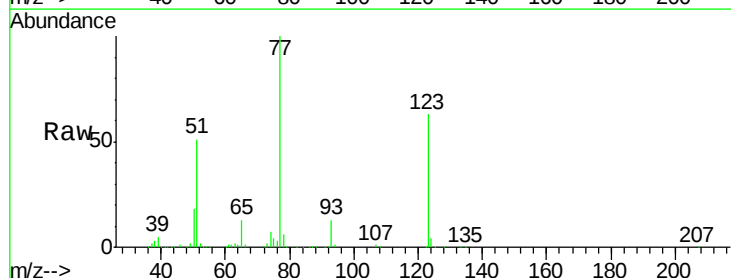
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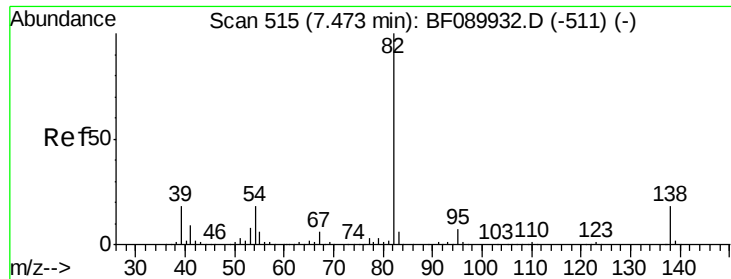
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#24
 Nitrobenzene
 Concen: 41.26 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	63.2	32.0	48.0#
65	12.9	11.2	16.8





#25

Isophorone

Concen: 39.96 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion: 82 Resp: 1059484

Ion Ratio Lower Upper

82 100

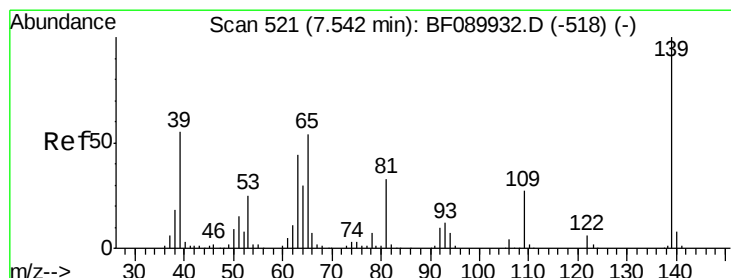
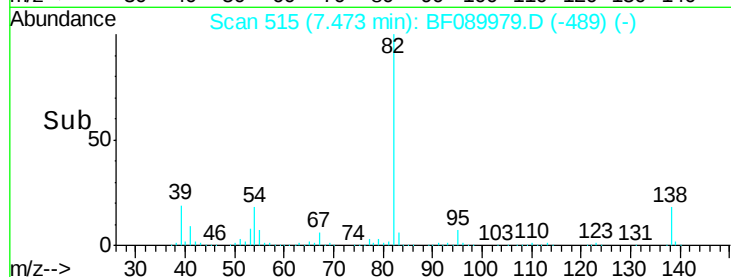
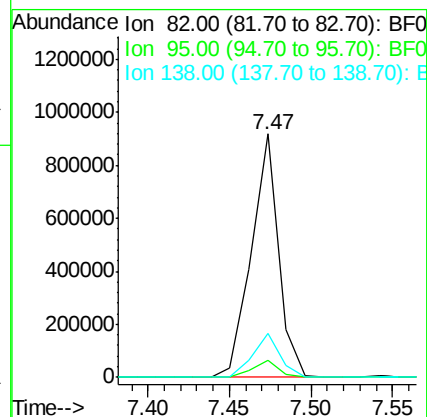
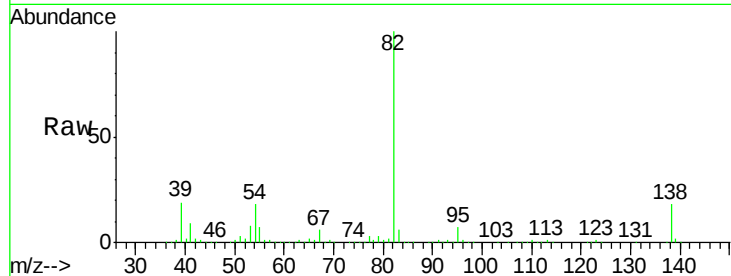
95 6.8 5.5 8.3

138 18.1 14.4 21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.97 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

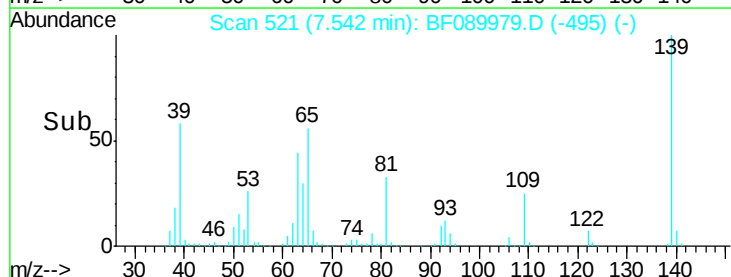
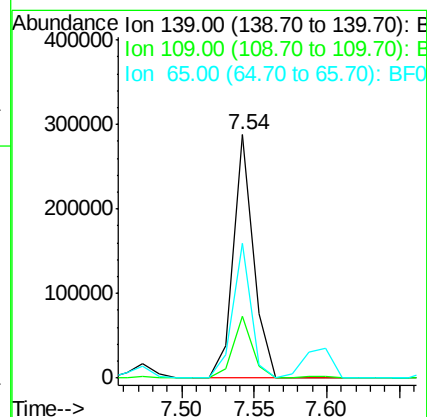
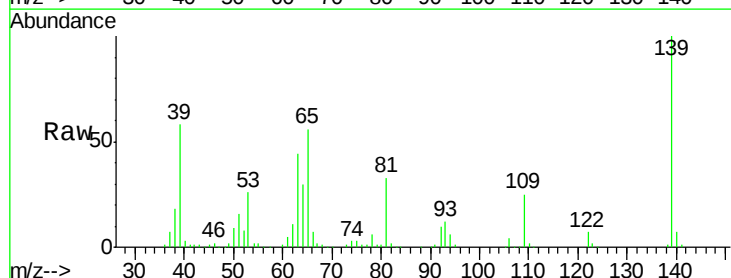
Tgt Ion: 139 Resp: 278084

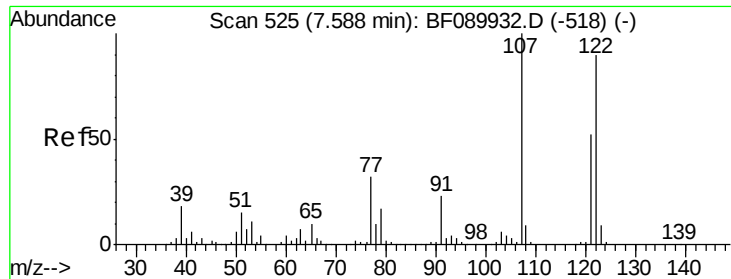
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.4

65 55.5 43.4 65.0





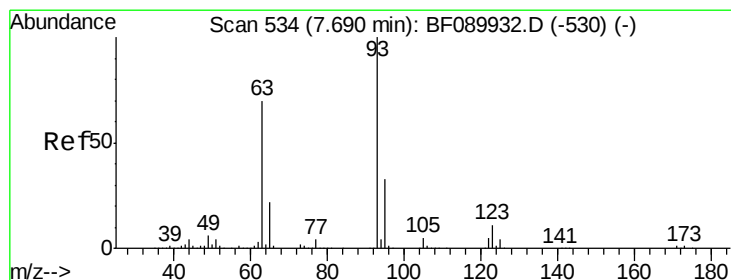
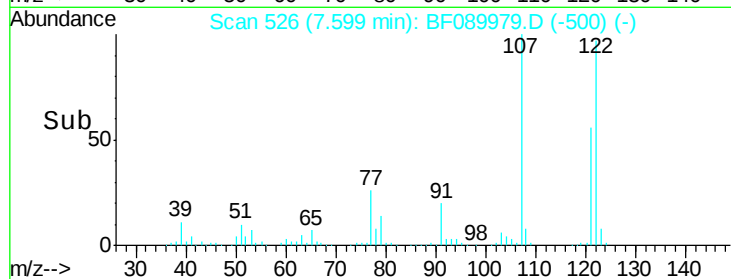
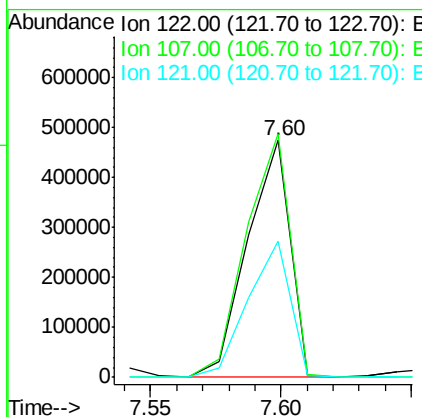
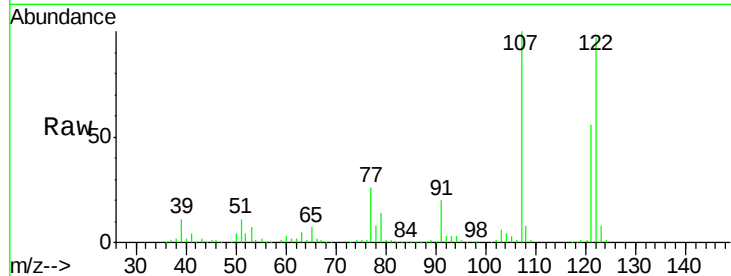
#27
 2,4-Dimethylphenol
 Concen: 44.70 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	547879		
107	102.7	88.5	132.7	
121	57.5	46.0	69.0	

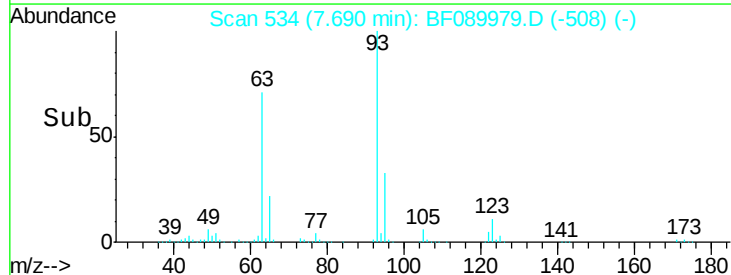
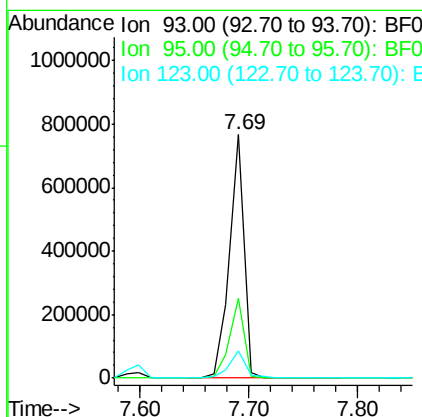
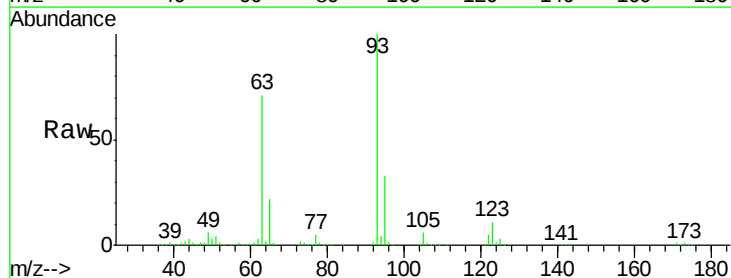
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.35 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	709152		
95	32.8	26.6	40.0	
123	11.4	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 43.35 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

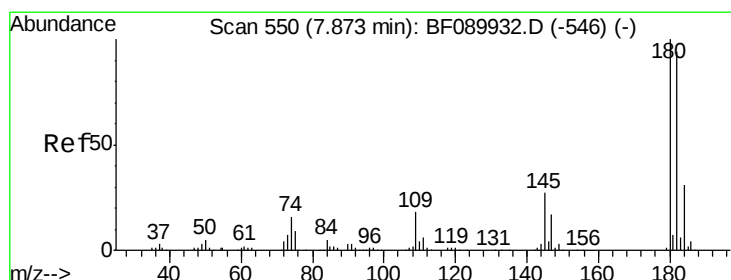
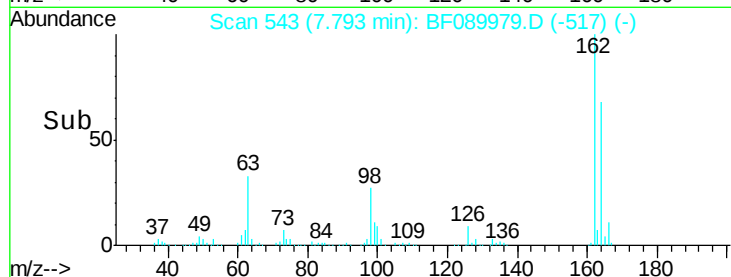
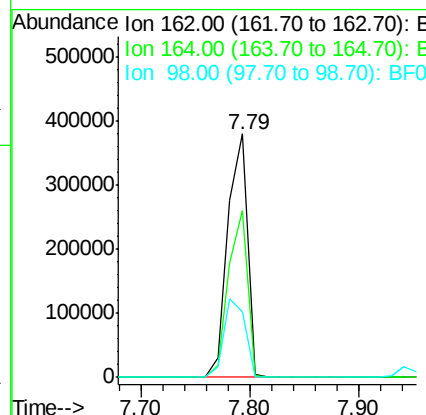
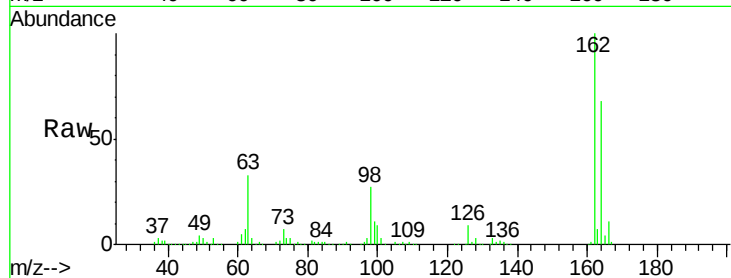
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:	162	Resp:	476263
Ion Ratio	Lower	Upper	
162	100		
164	68.3	46.6	86.6
98	26.8	22.0	62.0

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#30

1,2,4-Trichlorobenzene

Concen: 43.74 ng

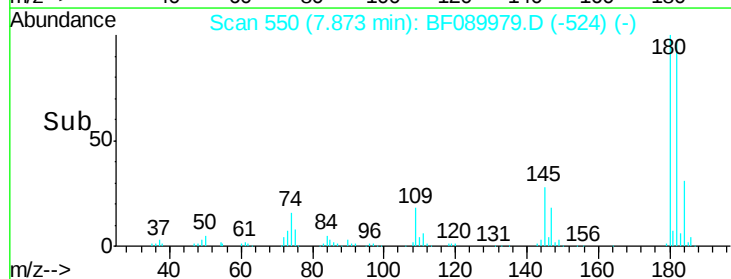
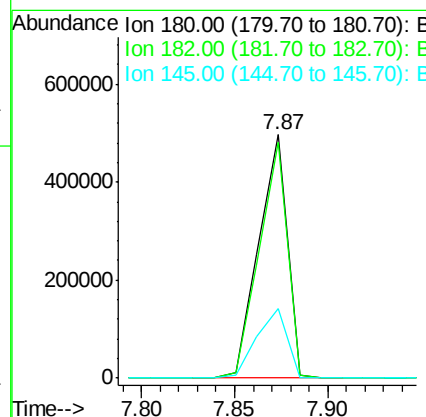
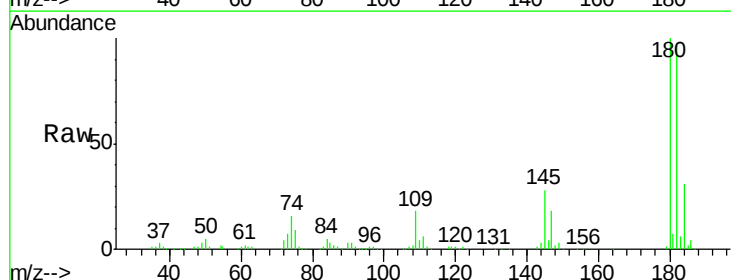
RT: 7.87 min Scan# 550

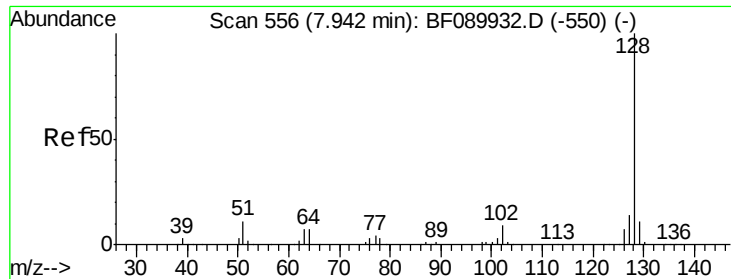
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	180	Resp:	525483
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.2	114.2
145	28.5	22.2	33.4





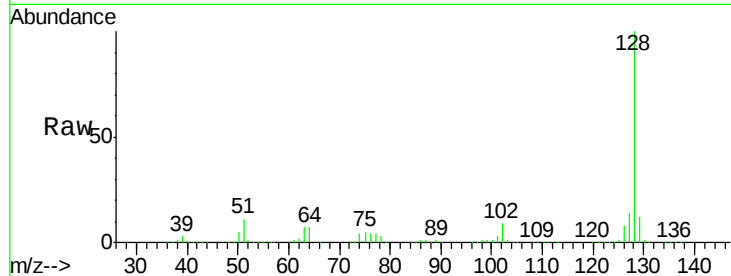
#31
Naphthalene
Concen: 40.03 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.5	10.7	16.1

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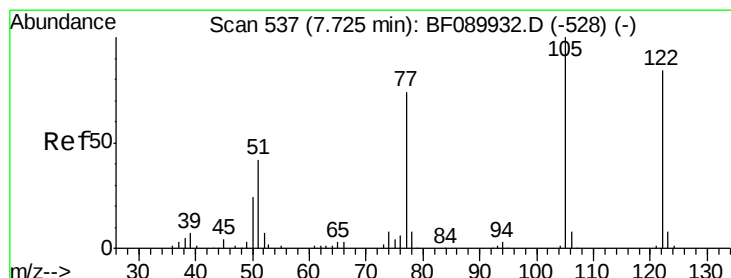
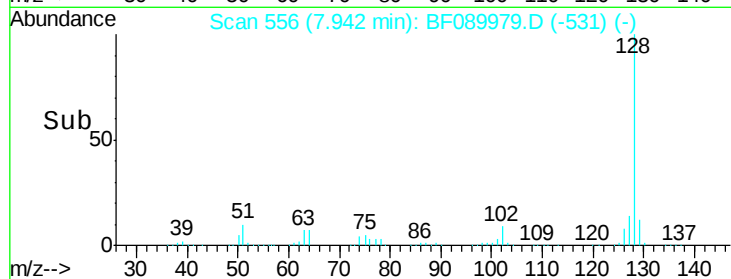
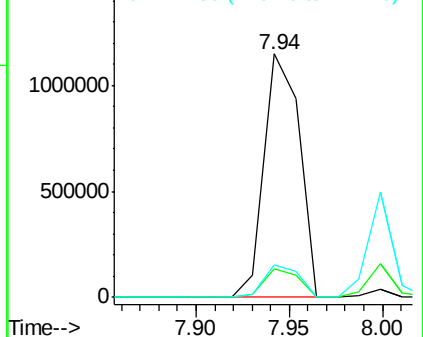


Abundance

Ion 128.00 (127.70 to 128.70): E

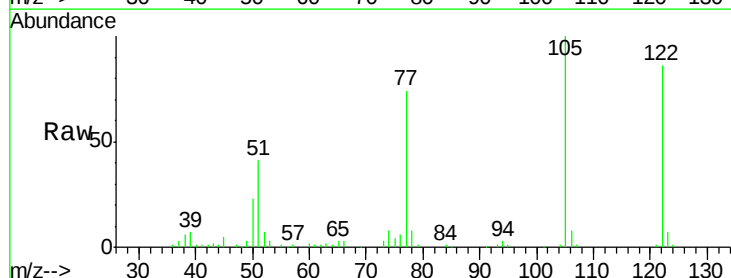
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 25.29 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.9	102.2	142.2
77	85.9	74.1	114.1

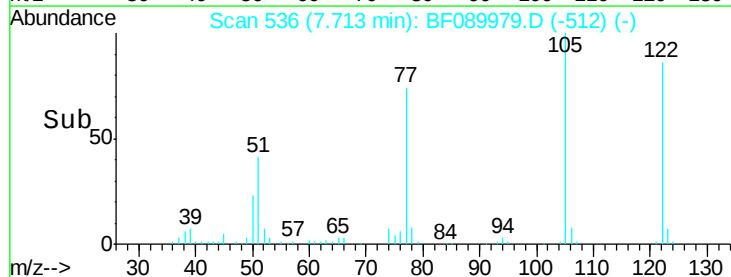
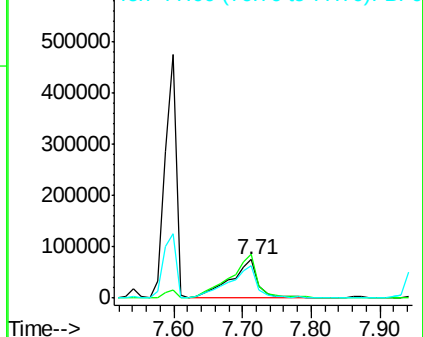


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





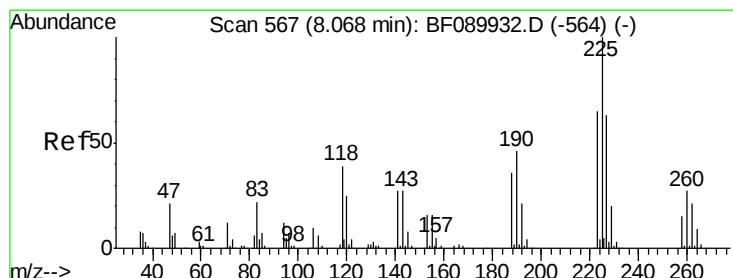
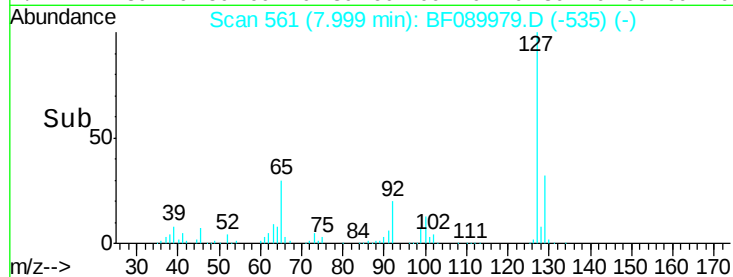
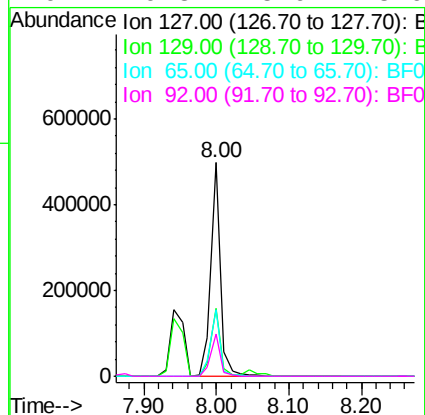
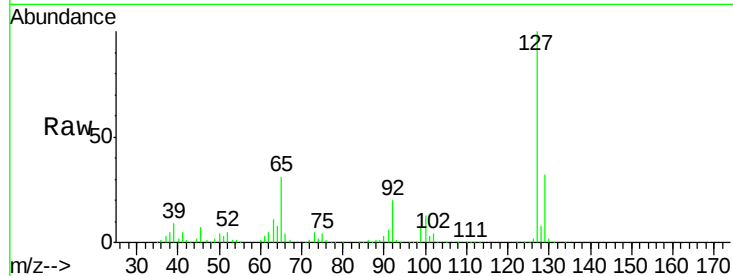
#33
 4-Chloroaniline
 Concen: 30.48 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	463285		
129	31.6	25.9	38.9	
65	31.2	26.0	39.0	
92	19.8	15.9	23.9	

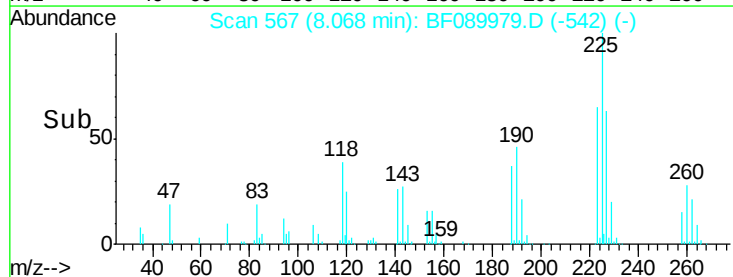
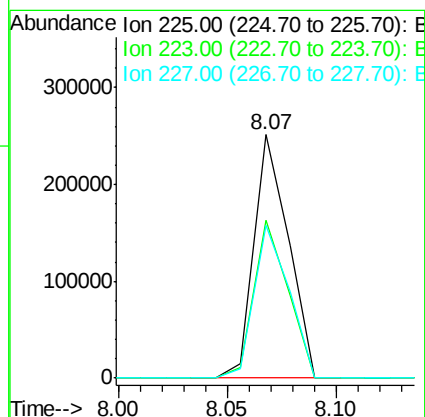
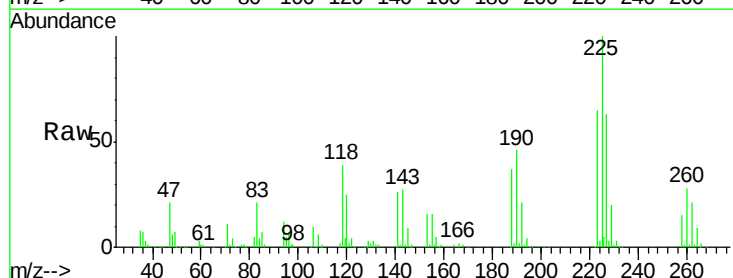
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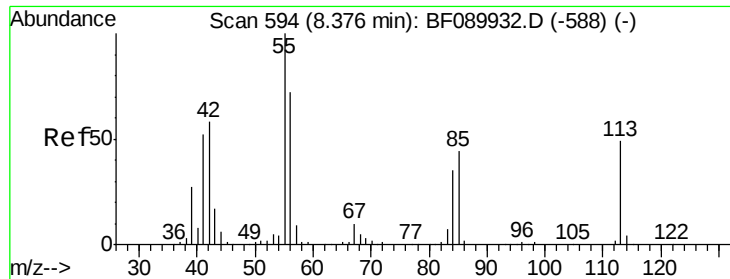
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#34
 Hexachlorobutadiene
 Concen: 39.38 ng
 RT: 8.07 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	277197		
223	64.9	52.6	78.8	
227	62.7	50.8	76.2	





#35

Caprolactam

Concen: 45.10 ng m

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:113 Resp: 156394

Ion Ratio Lower Upper

113 100

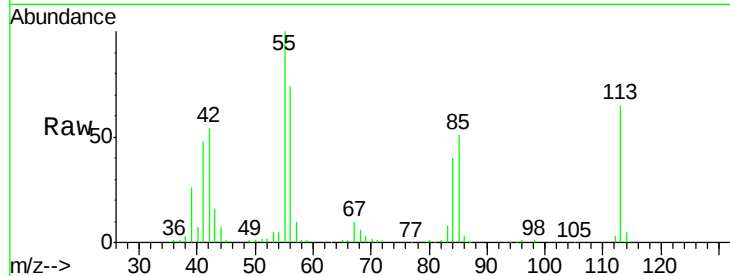
55 154.9 178.5 218.5#

56 115.2 122.7 162.7#

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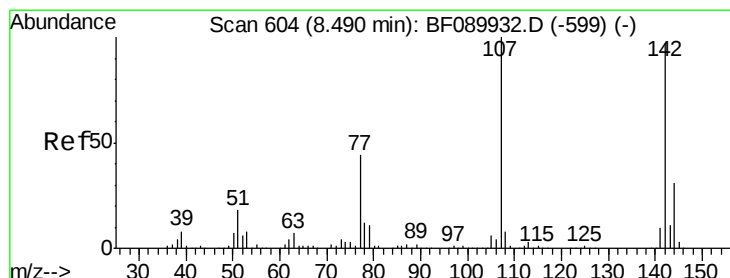
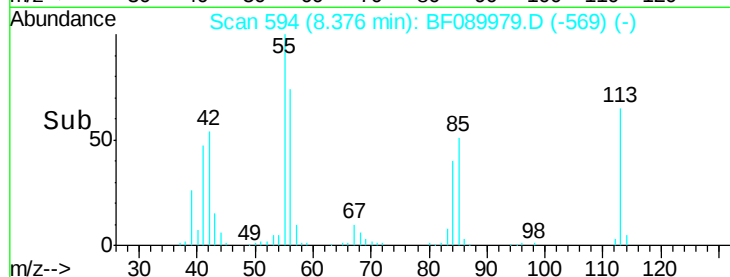
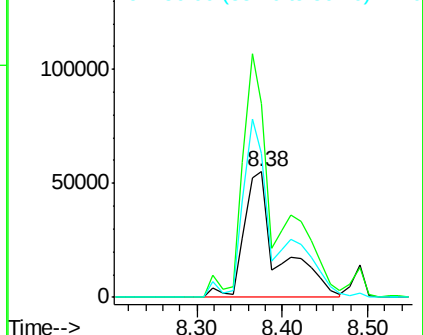
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.66 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

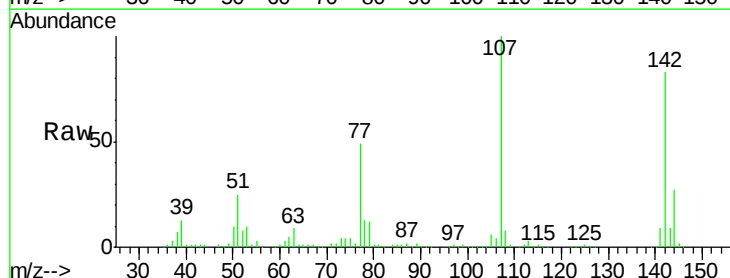
Tgt Ion:107 Resp: 473095

Ion Ratio Lower Upper

107 100

144 26.6 25.8 38.8

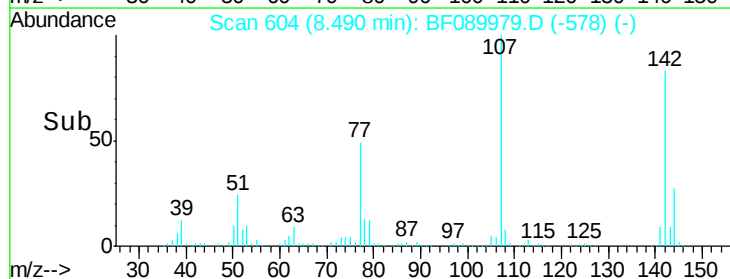
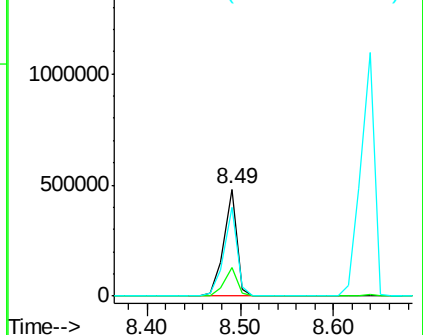
142 83.1 79.2 118.8

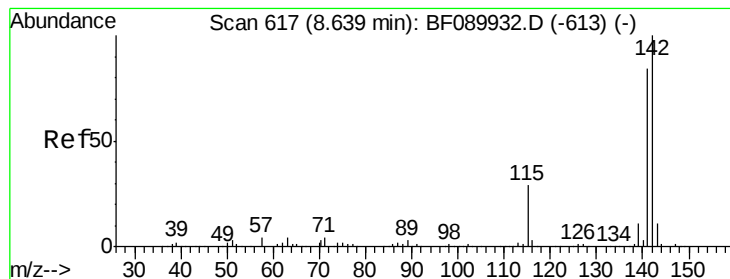


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.10 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:142 Resp: 1122687

Ion Ratio Lower Upper

142 100

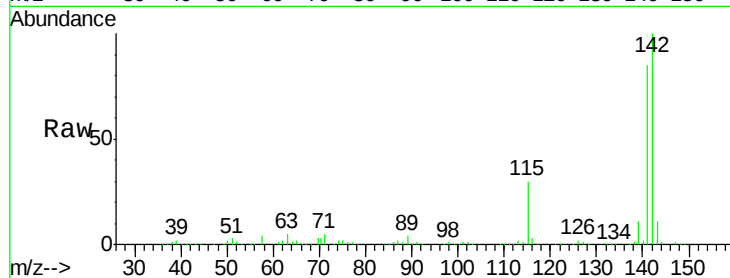
141 84.6 68.3 102.5

115 30.3 23.8 35.8

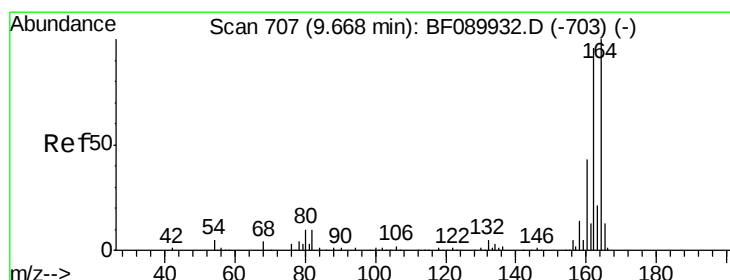
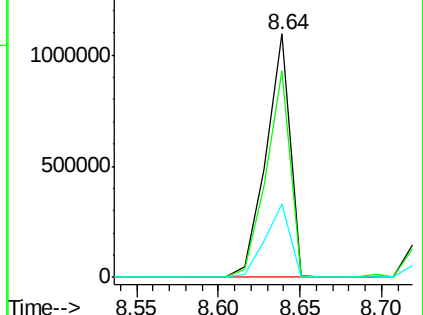
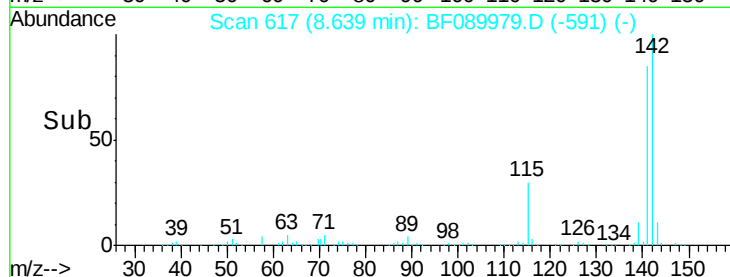
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Abundance Ion 142.00 (141.70 to 142.70): E
1500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

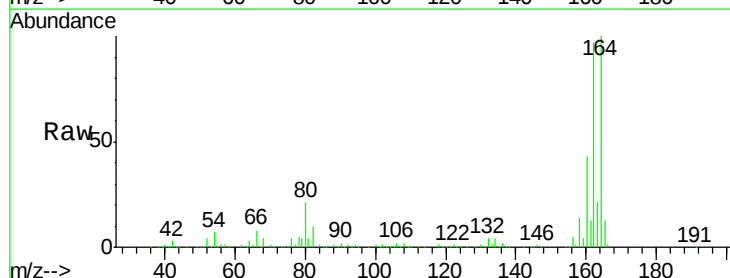
Tgt Ion:164 Resp: 364019

Ion Ratio Lower Upper

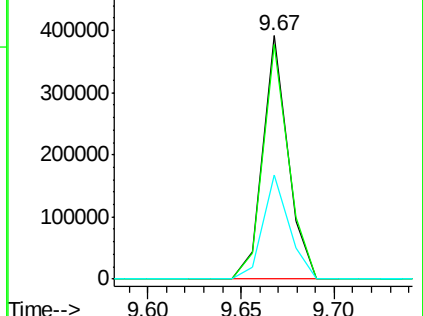
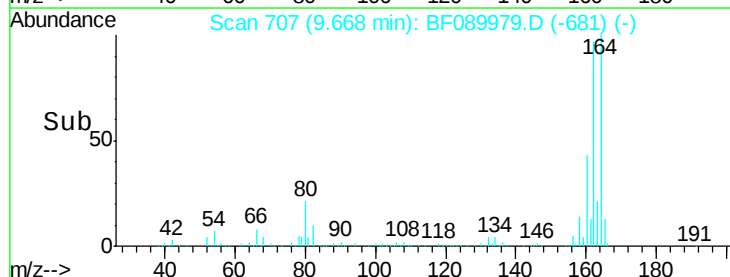
164 100

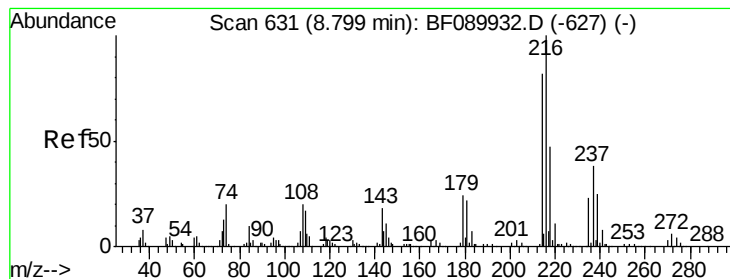
162 96.6 77.1 115.7

160 42.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.47 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

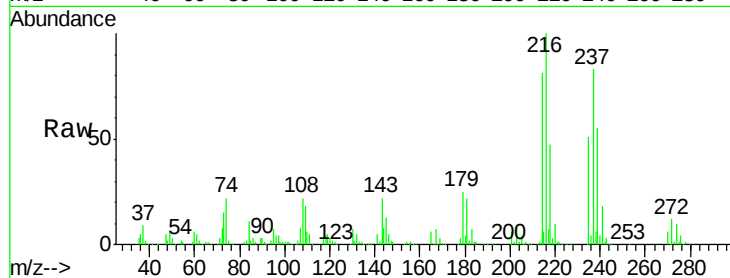
ClientSampleId :

RAMP-A(0-2)-2MS

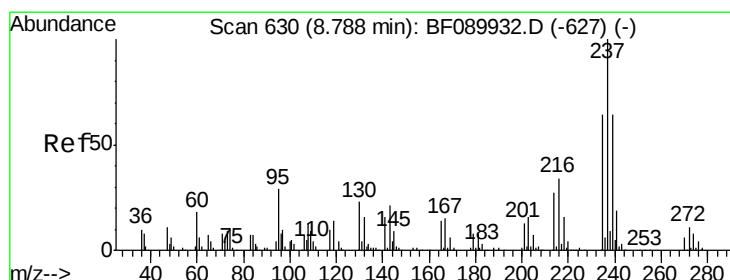
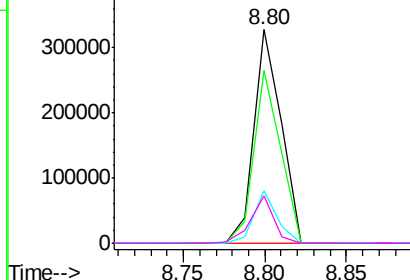
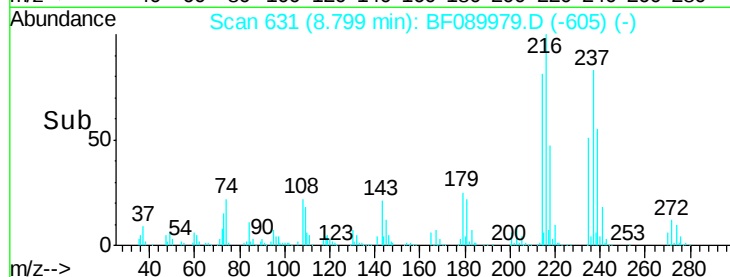
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	378221		
214	79.4	63.4	95.2	
179	21.3	17.3	25.9	
108	19.0	15.5	23.3	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.28 ng

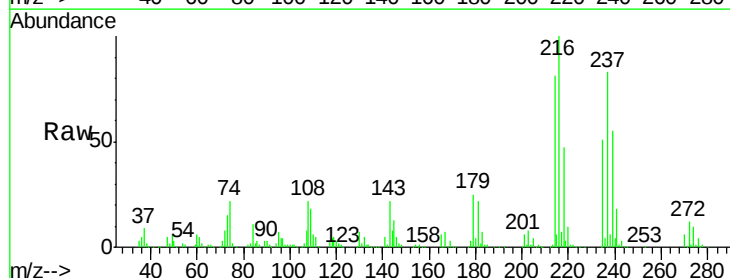
RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

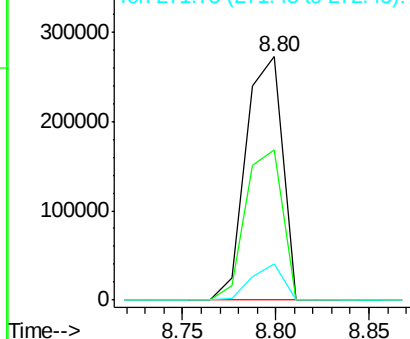
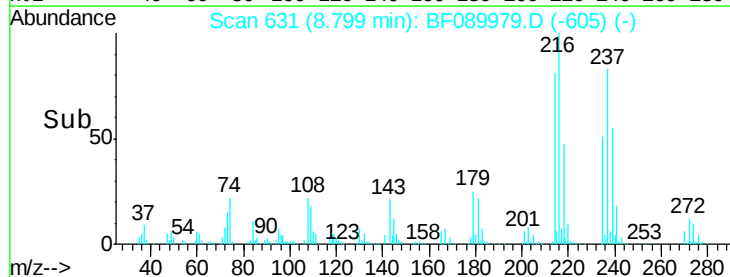
Lab File: BF089979.D

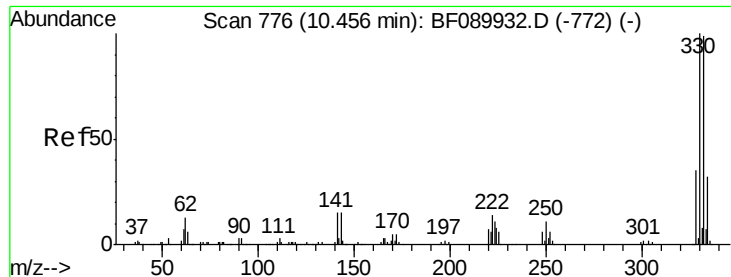
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	367899		
235	61.8	39.6	79.6	
272	14.8	0.0	34.6	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





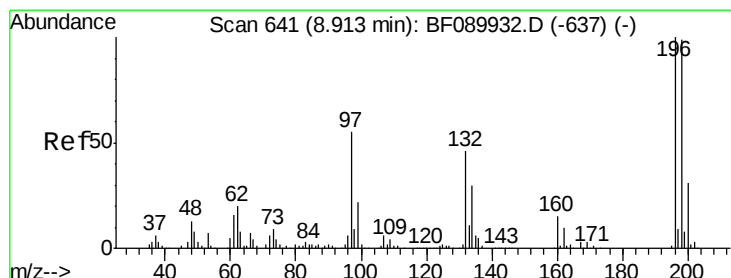
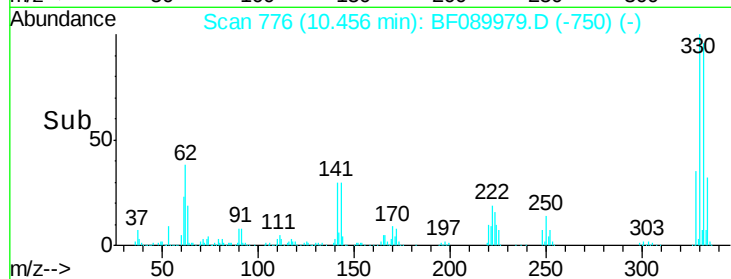
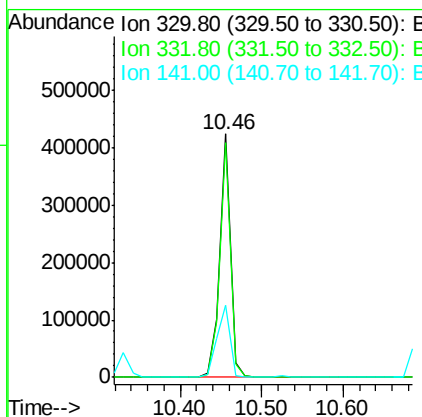
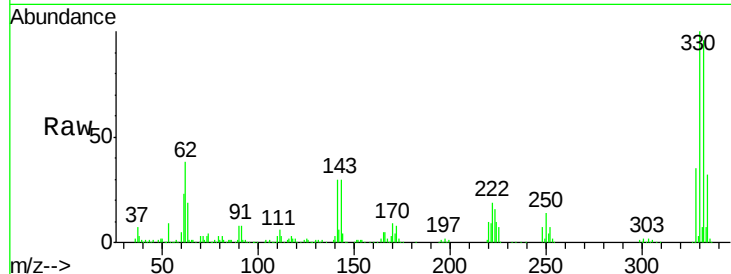
#41
 2,4,6-Tribromophenol
 Concen: 108.04 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	388001		
332	95.9	78.6	117.8	
141	36.0	23.3	34.9#	

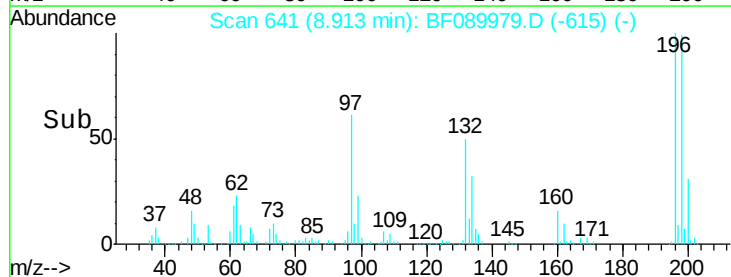
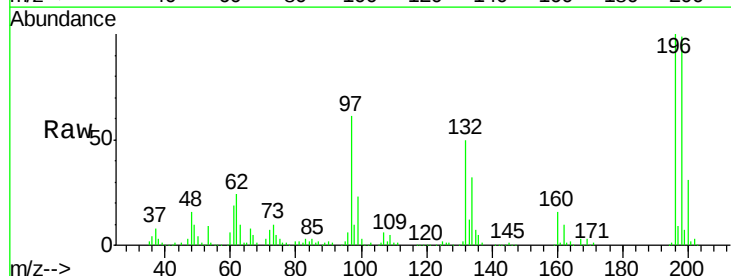
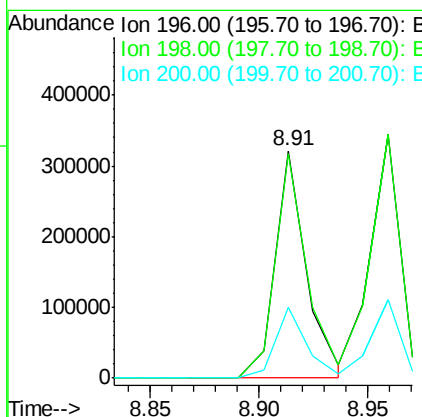
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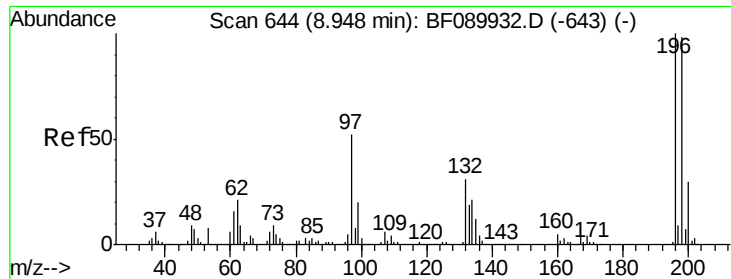
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#42
 2,4,6-Trichlorophenol
 Concen: 44.00 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

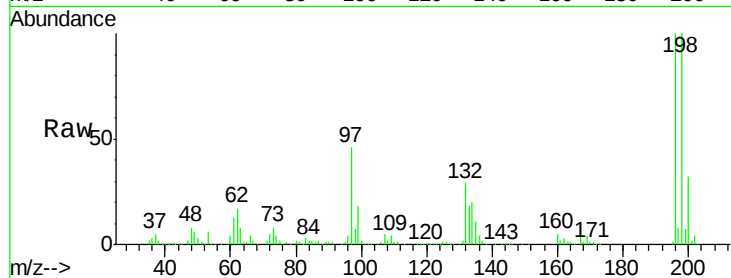
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325168		
198	98.6	78.3	117.5	
200	31.0	24.8	37.2	





#43
 2,4,5-Trichlorophenol
 Concen: 46.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

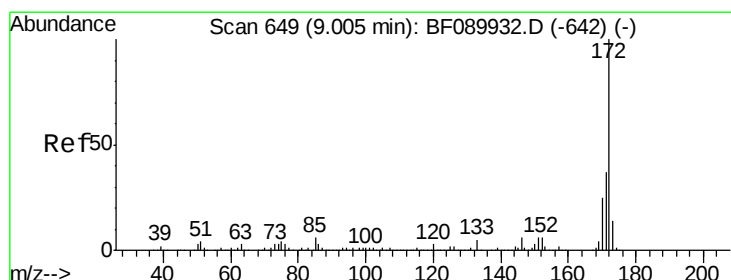
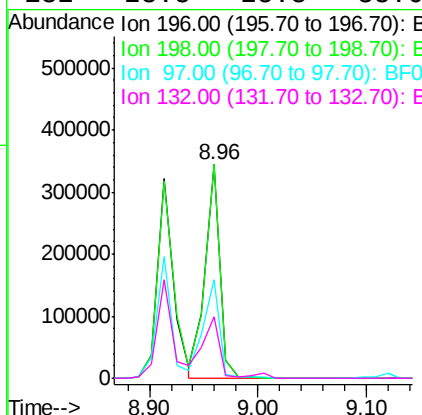
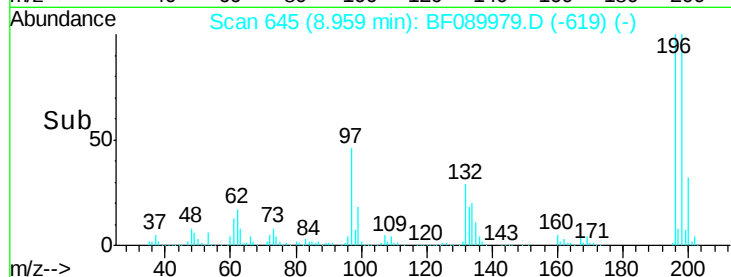
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS



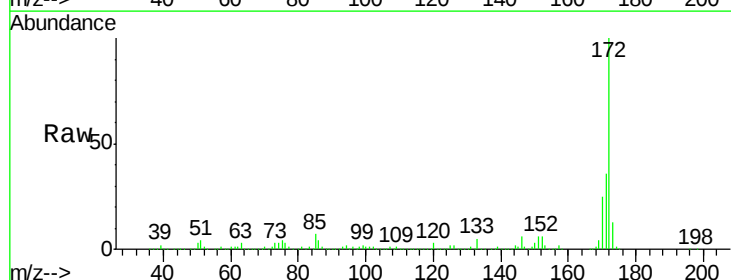
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		331474		
198	99.9	80.8	121.2		
97	46.4	44.2	66.4		
132	28.8	25.8	38.6		

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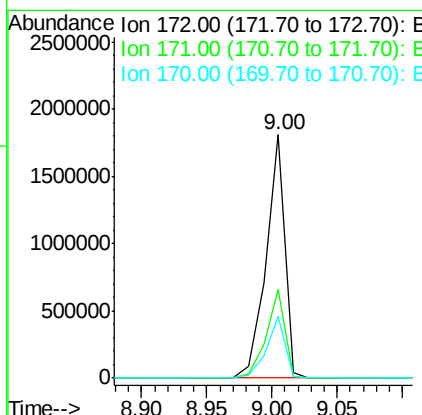
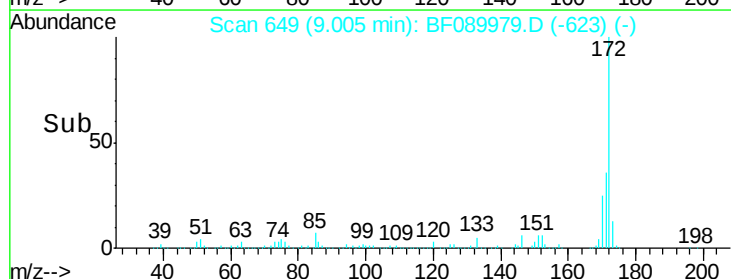
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#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1817506		
171	36.4	29.4	44.2		
170	25.3	20.1	30.1		





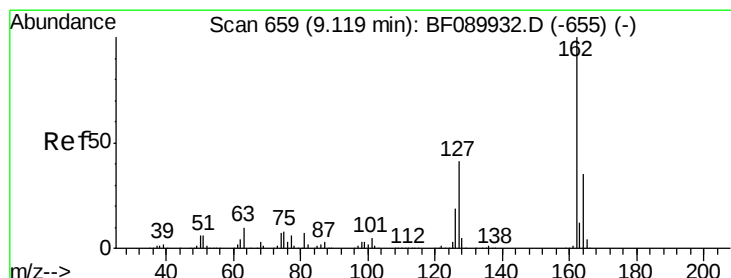
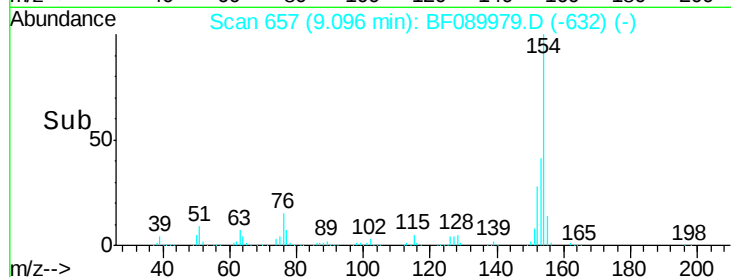
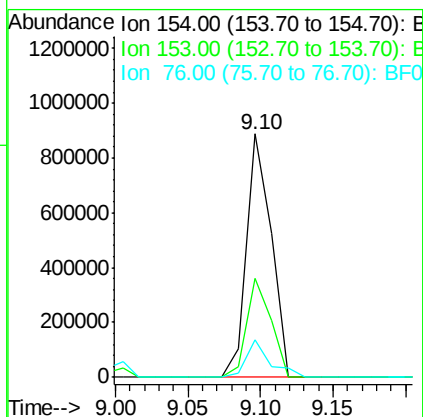
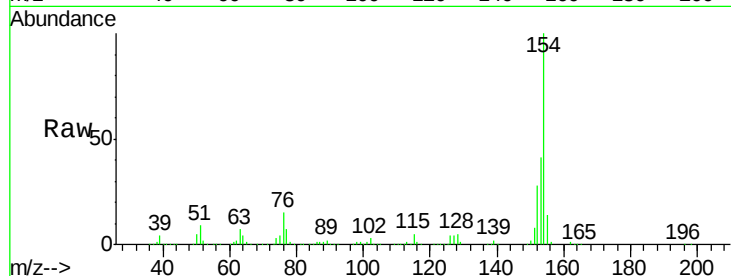
#45
 1,1'-Biphenyl
 Concen: 35.64 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	15.2	0.0	34.9

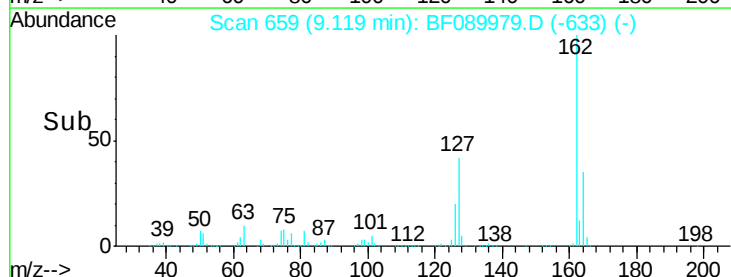
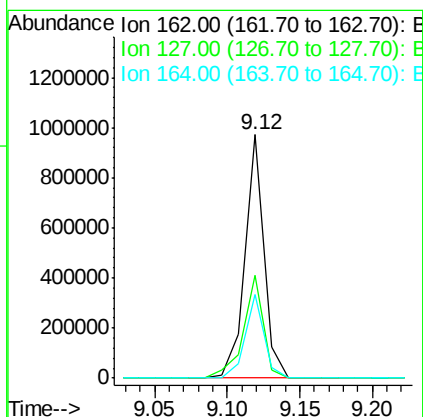
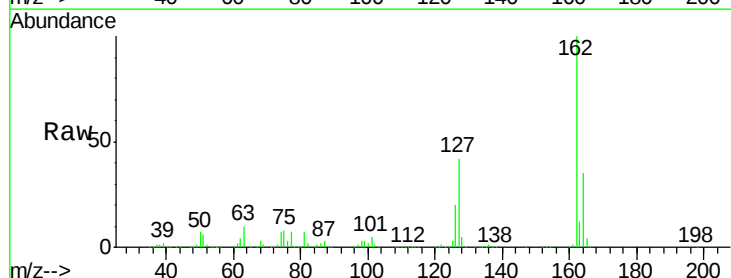
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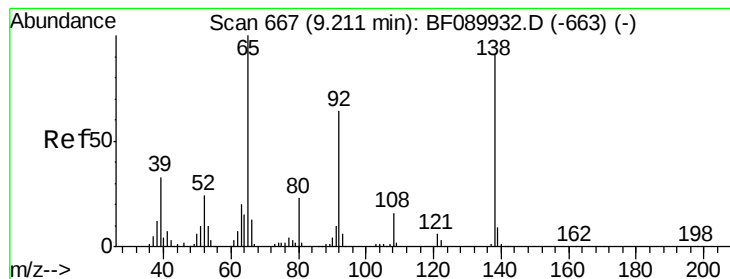
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#46
 2-Chloronaphthalene
 Concen: 42.52 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.5	50.3
164	34.5	28.2	42.4





#47

2-Nitroaniline

Concen: 51.80 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion: 65 Resp: 351098

Ion Ratio Lower Upper

65 100

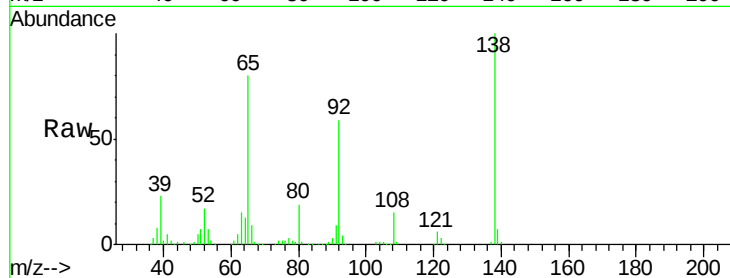
92 73.8 52.0 78.0

138 125.7 72.1 108.1#

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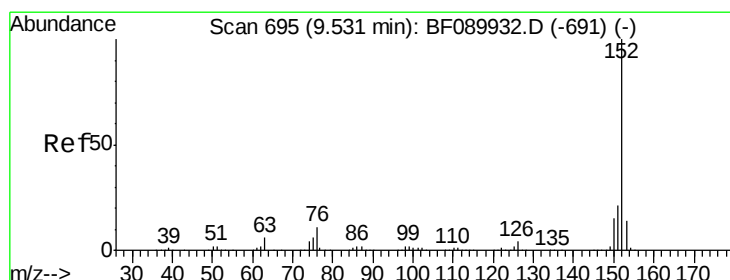
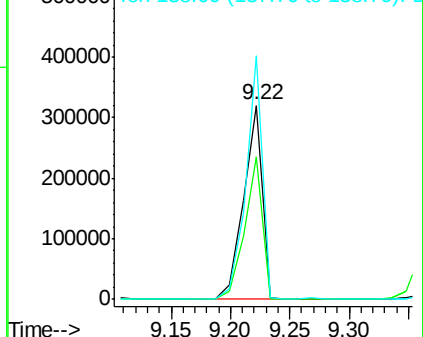
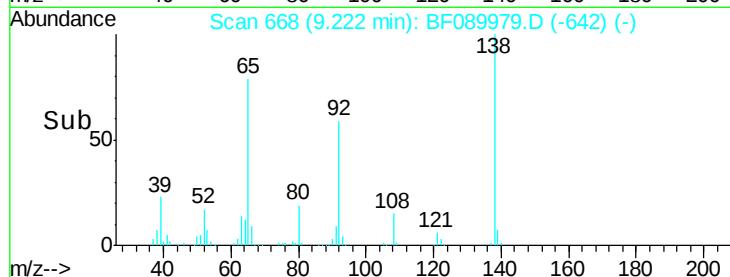
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.92 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

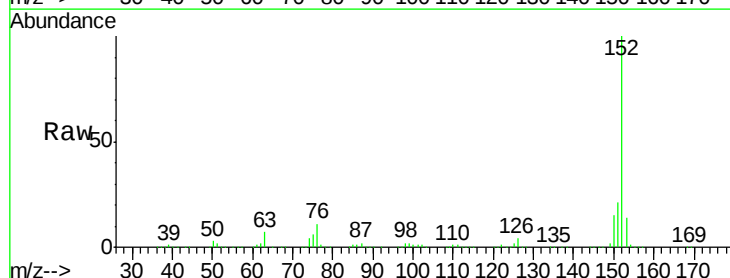
Tgt Ion: 152 Resp: 1402939

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

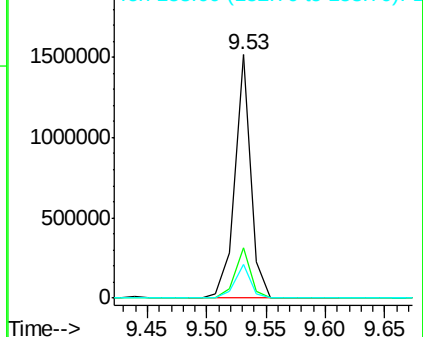
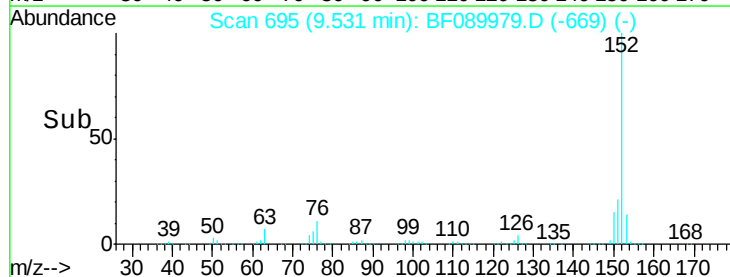
153 14.1 11.6 17.4

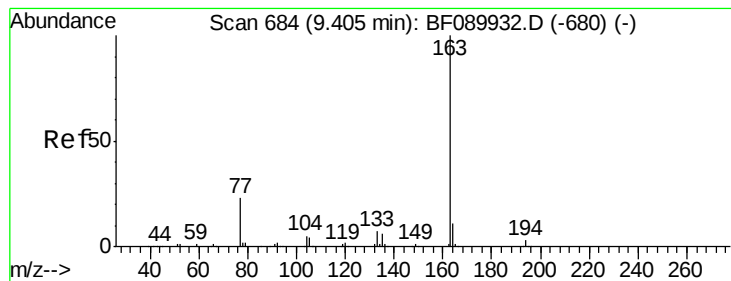


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 74.26 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:163 Resp: 1953697

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

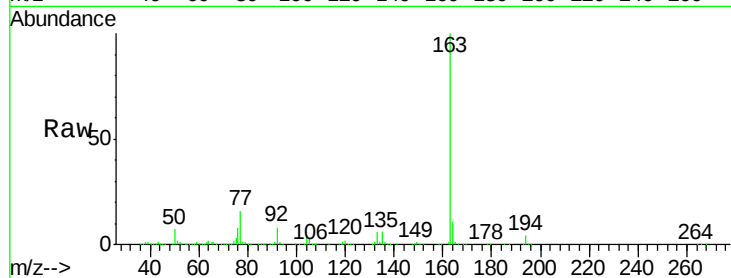
164 10.7 9.0 13.4

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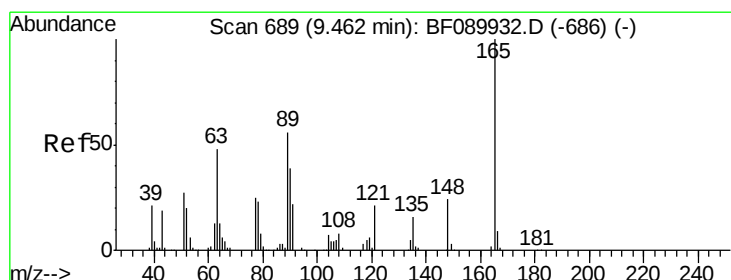
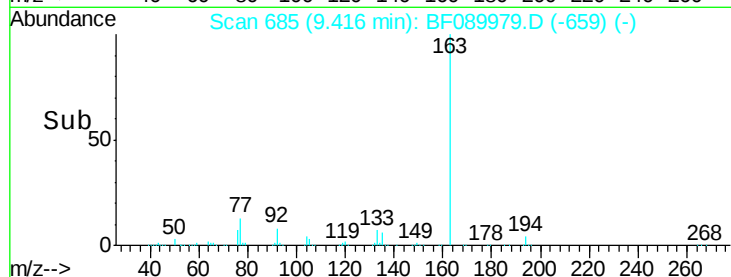
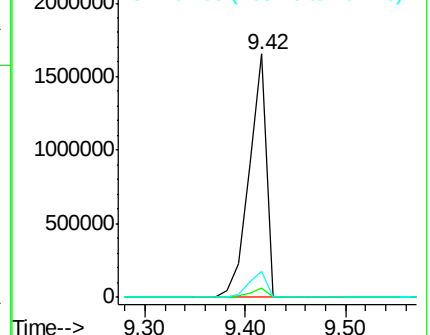
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.60 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

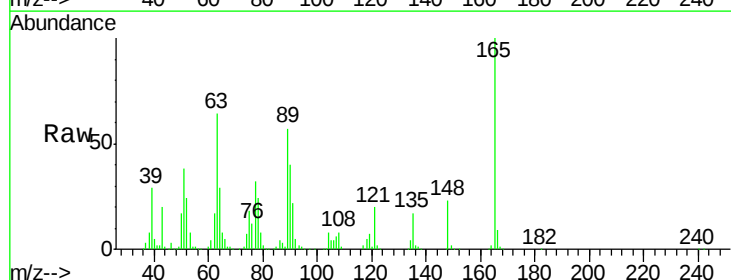
Tgt Ion:165 Resp: 249264

Ion Ratio Lower Upper

165 100

63 64.2 45.0 67.4

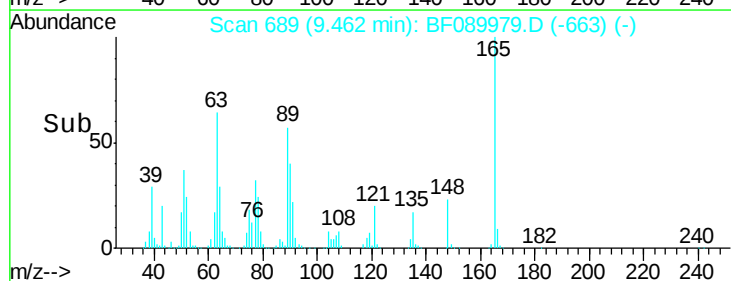
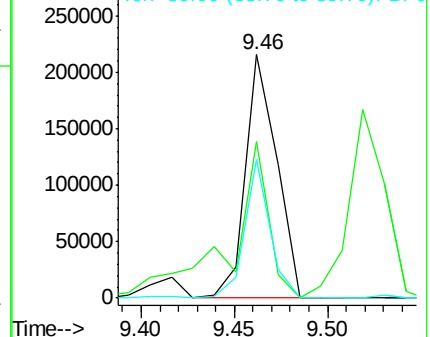
89 56.7 41.5 62.3

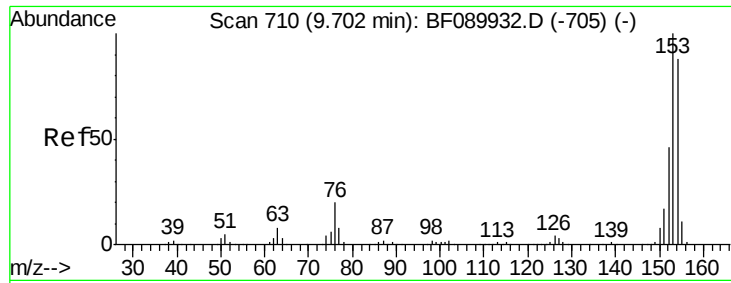


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.85 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089979.D

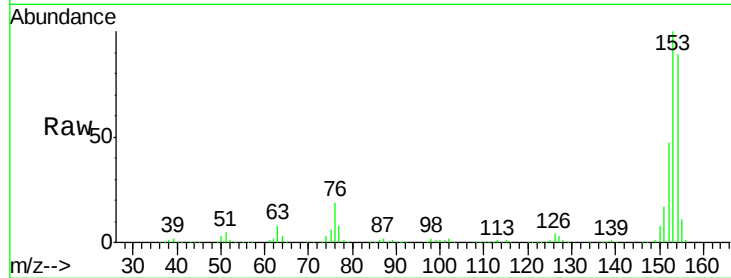
Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

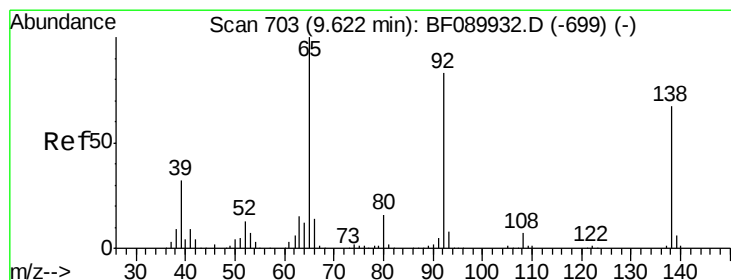
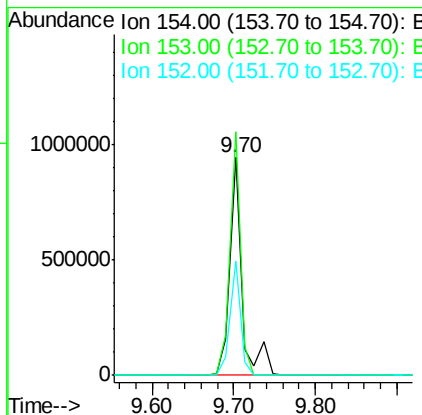
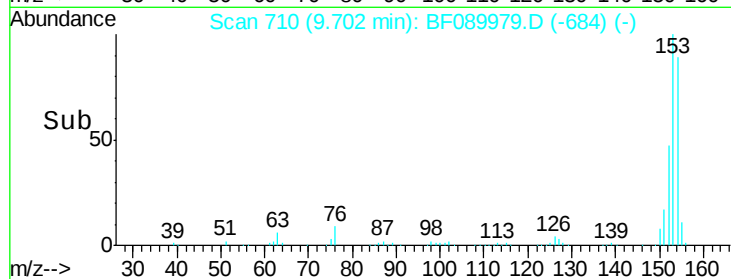
RAMP-A(0-2)-2MS



Tgt Ion:	154	Resp:	974213
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.6	135.8
152	52.3	42.4	63.6

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#52

3-Nitroaniline

Concen: 36.74 ng

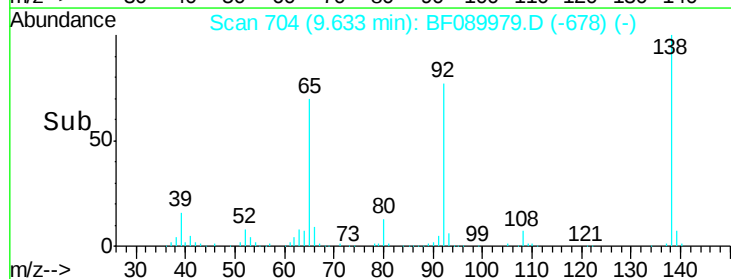
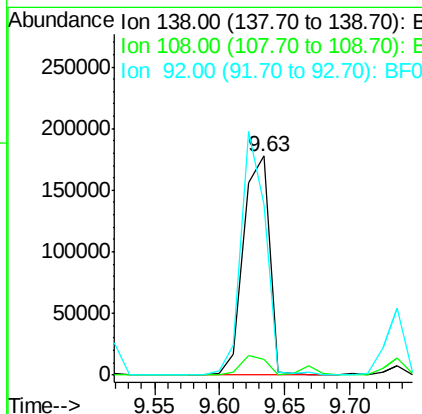
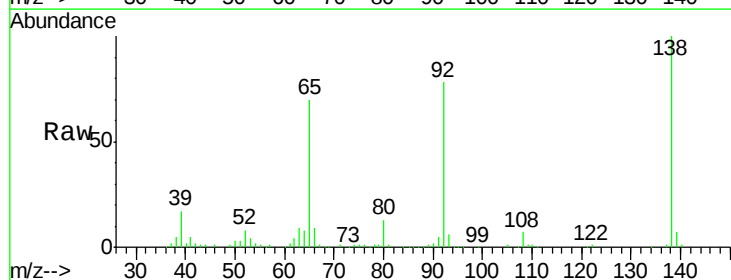
RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	138	Resp:	245206
Ion Ratio	Lower	Upper	
138	100		
108	7.2	8.3	12.5#
92	78.1	99.1	148.7#





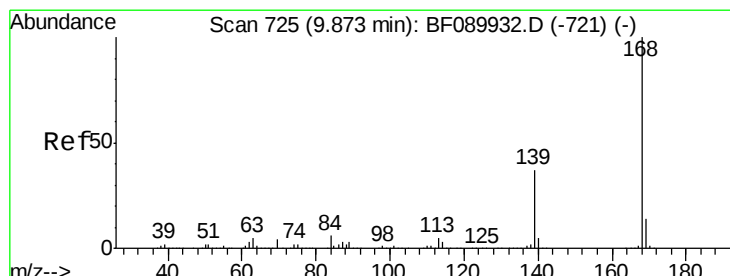
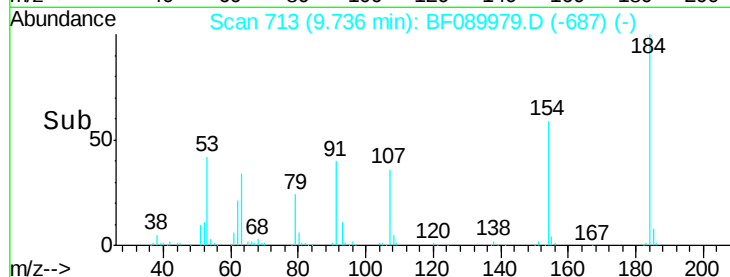
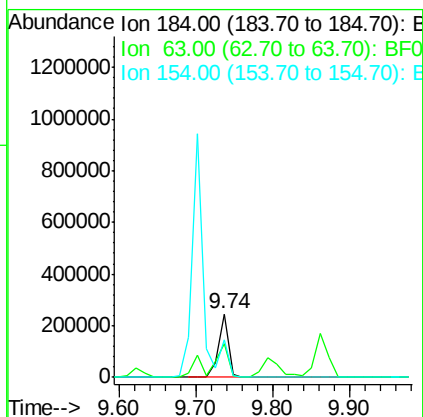
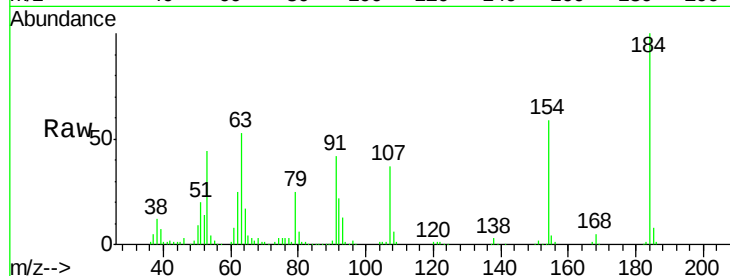
#53
2,4-Dinitrophenol
Concen: 62.14 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion:184 Resp: 222433
Ion Ratio Lower Upper
184 100
63 52.5 73.9 110.9#
154 58.8 53.5 80.3

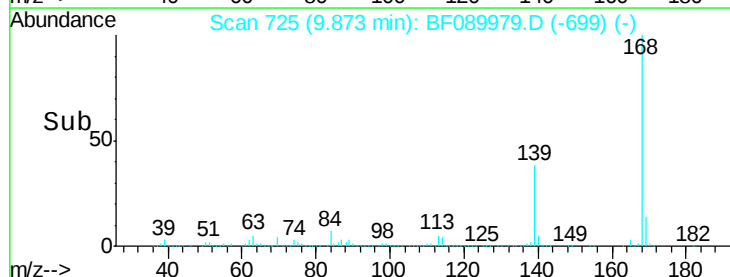
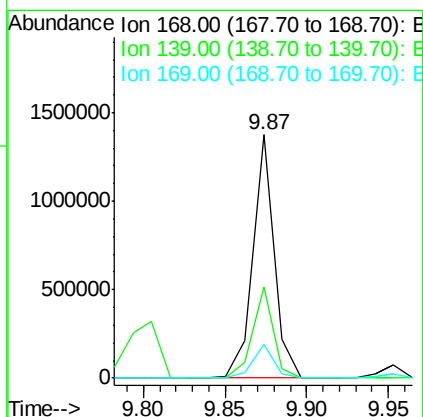
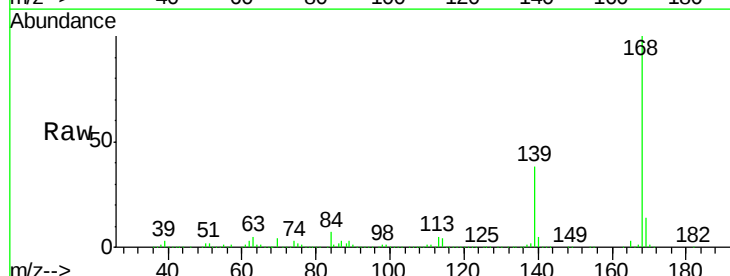
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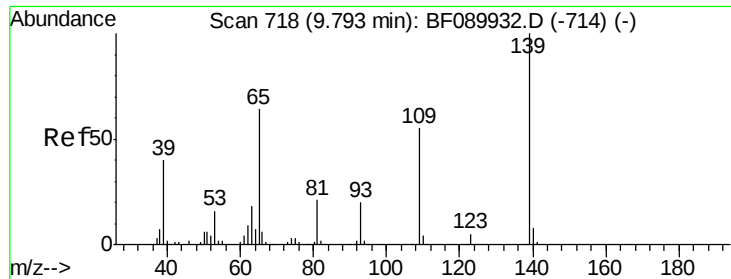
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#54
Dibenzofuran
Concen: 43.05 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:168 Resp: 1252987
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3
169 13.6 10.8 16.2





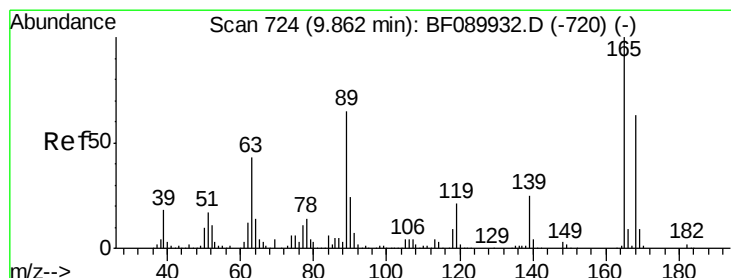
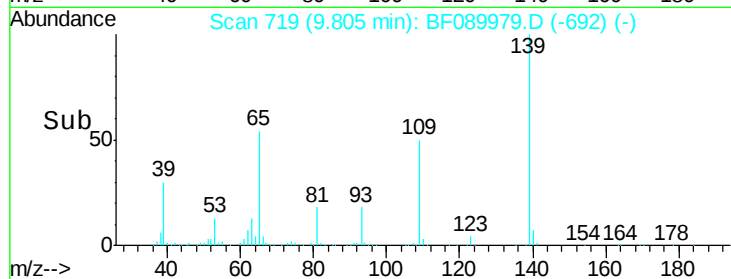
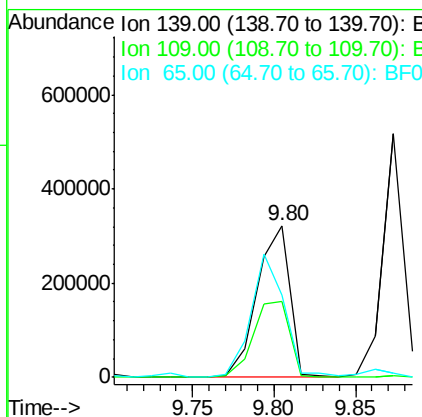
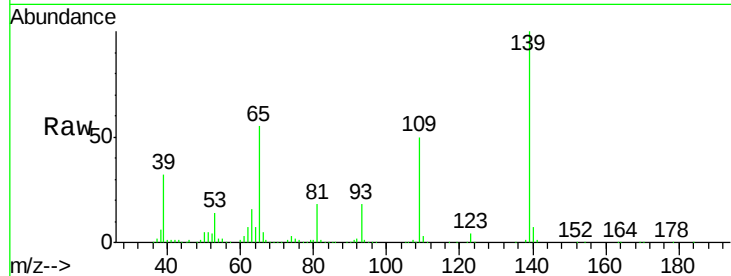
#55
4-Nitrophenol
Concen: 89.11 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	448590		
109	49.9	31.3	71.3	
65	54.7	38.5	78.5	

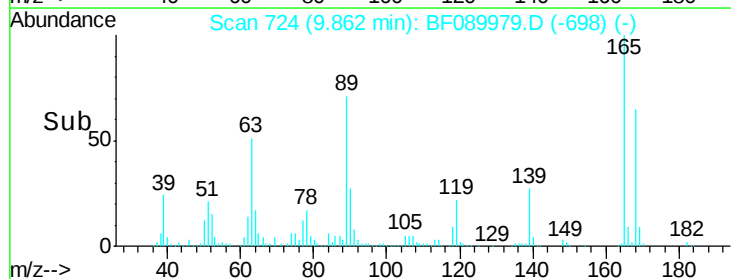
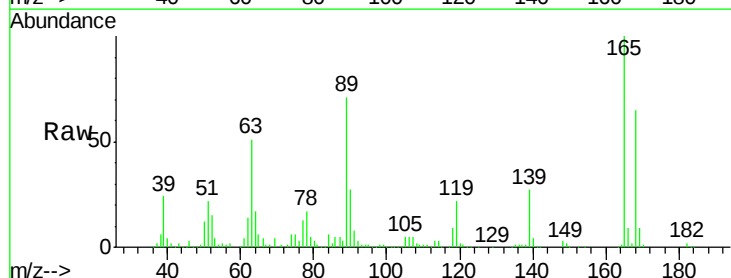
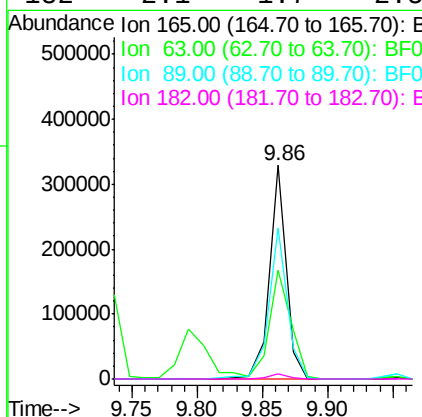
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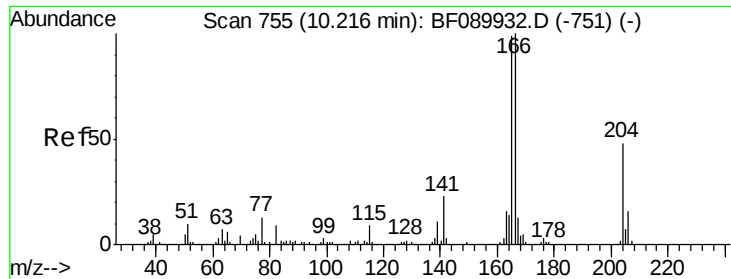
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#56
2,4-Dinitrotoluene
Concen: 40.10 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297563		
63	51.2	32.5	48.7#	
89	70.6	48.3	72.5	
182	2.1	1.7	2.5	





#57

Fluorene

Concen: 45.34 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

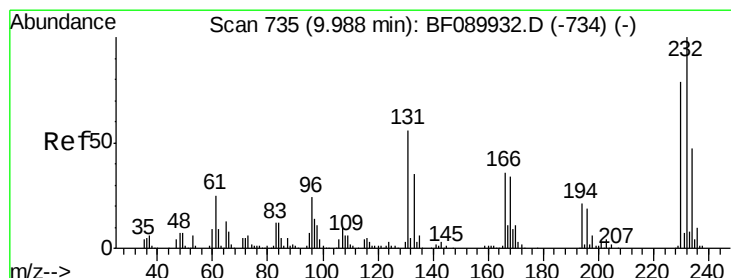
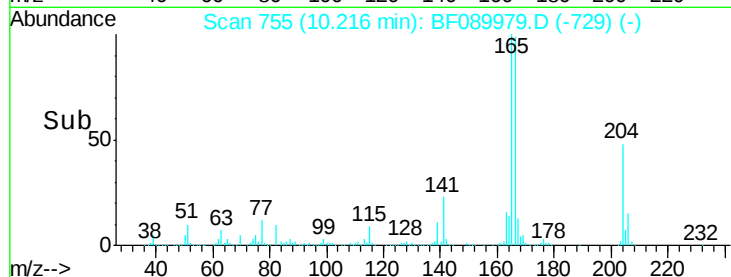
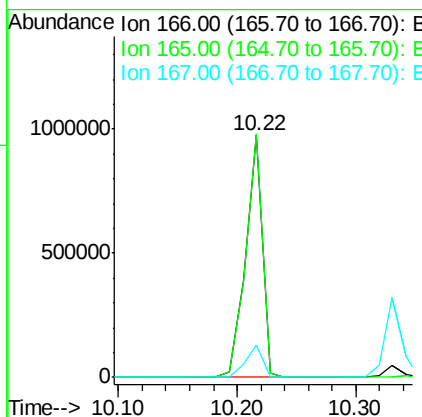
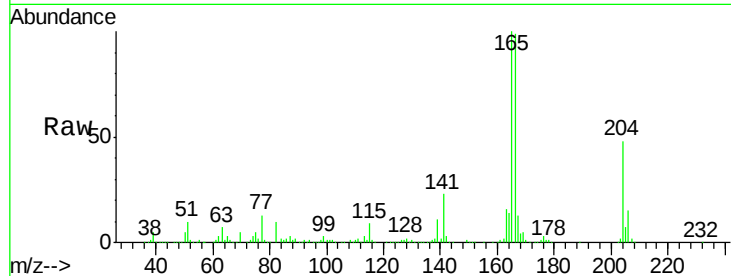
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:	166	Resp:	964325
Ion Ratio	Lower	Upper	
166	100		
165	100.6	78.6	118.0
167	13.4	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.15 ng

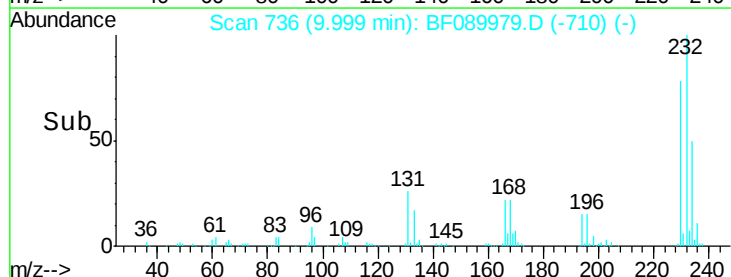
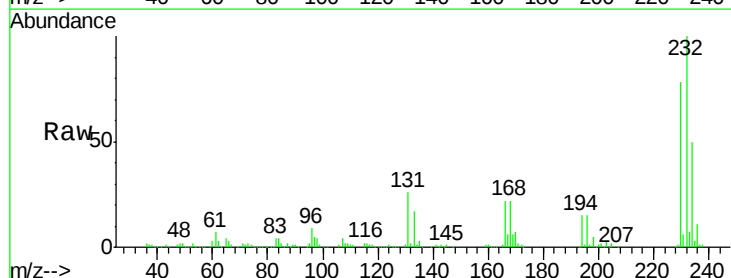
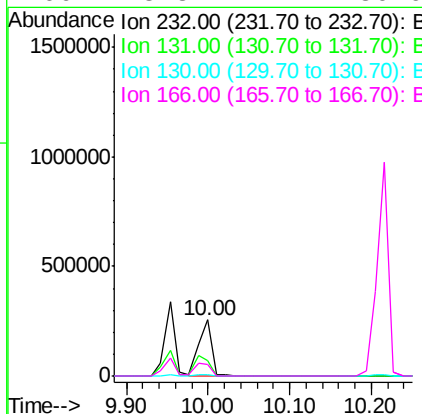
RT: 10.00 min Scan# 736

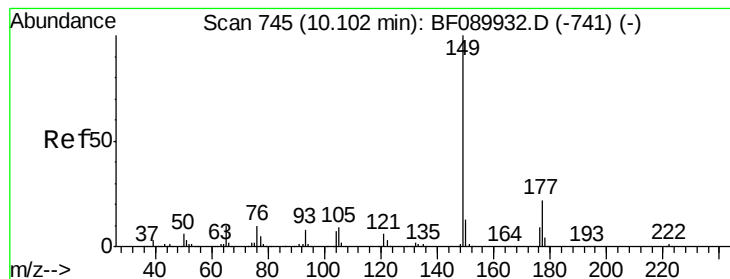
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	232	Resp:	286889
Ion Ratio	Lower	Upper	
232	100		
131	41.5	36.3	54.5
130	2.0	1.7	2.5
166	28.3	24.4	36.6





#59

Diethylphthalate

Concen: 44.13 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:149 Resp: 1092338

Ion Ratio Lower Upper

149 100

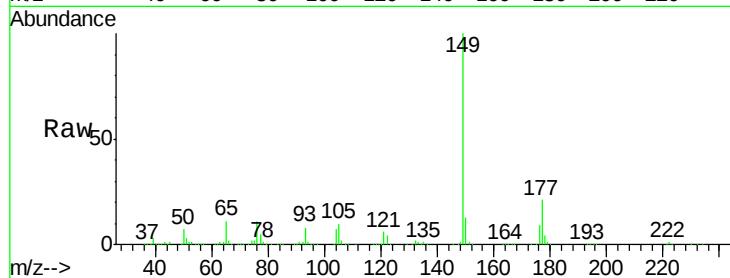
177 21.2 17.7 26.5

150 12.9 10.2 15.2

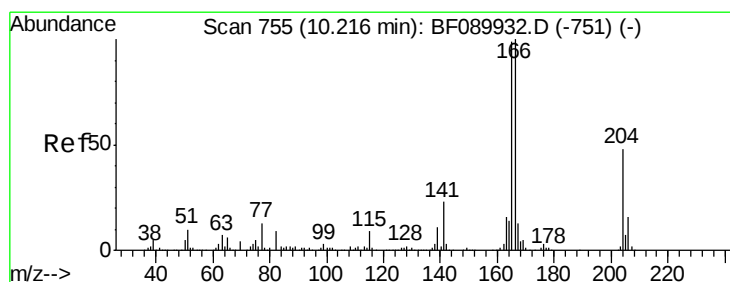
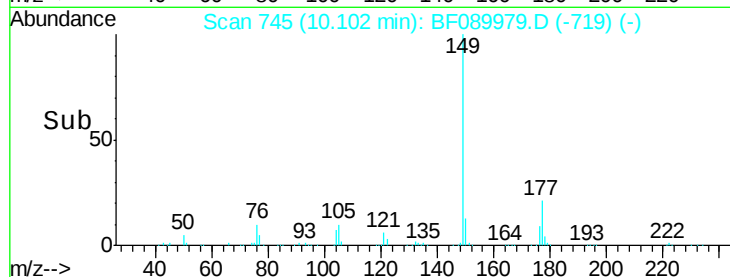
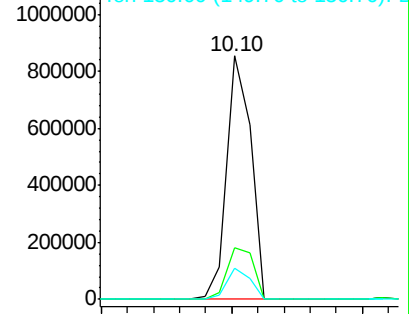
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.73 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

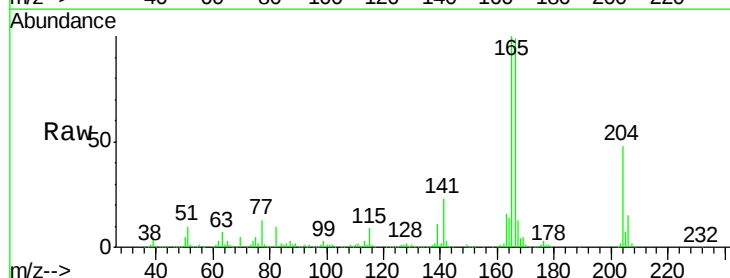
Tgt Ion:204 Resp: 457665

Ion Ratio Lower Upper

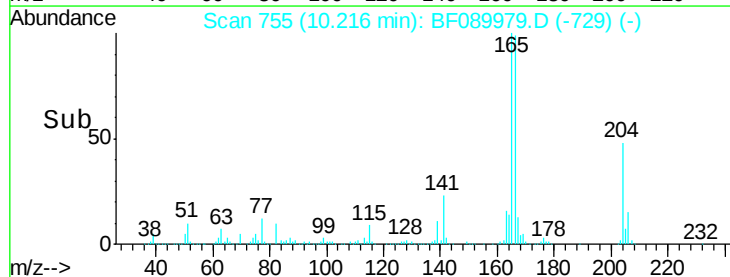
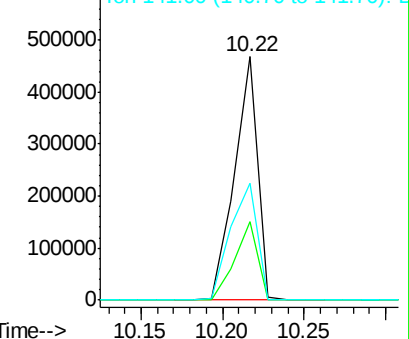
204 100

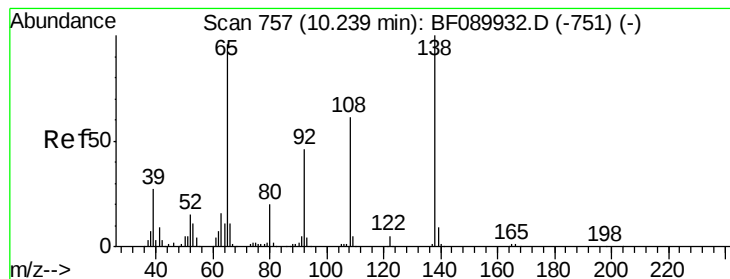
206 32.2 26.6 40.0

141 48.2 36.5 54.7



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





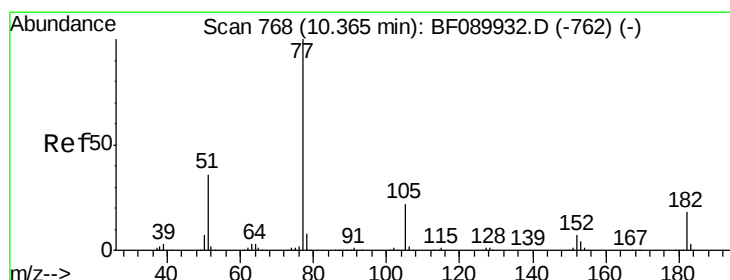
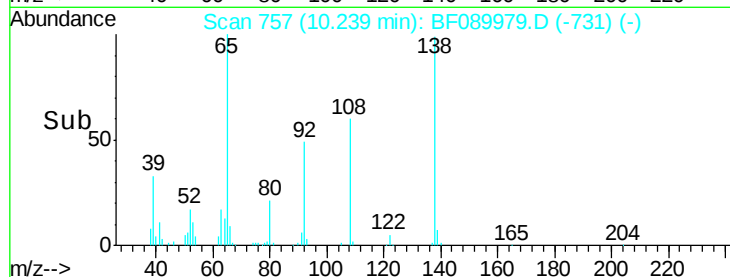
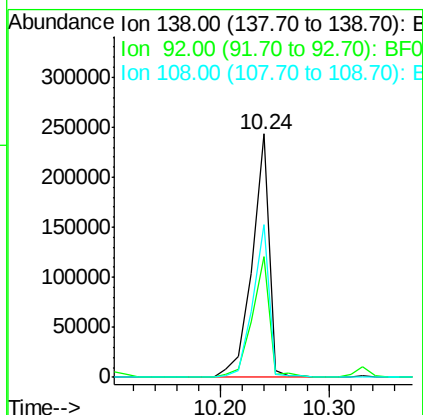
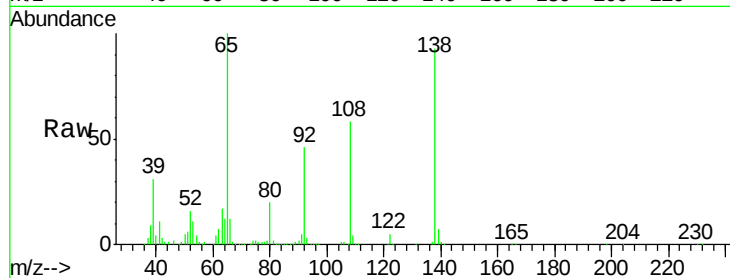
#61
4-Nitroaniline
Concen: 40.56 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	265959		
92	49.3	21.2	61.2	
108	62.6	37.7	77.7	

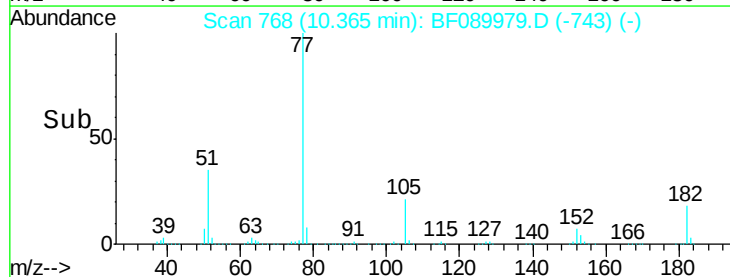
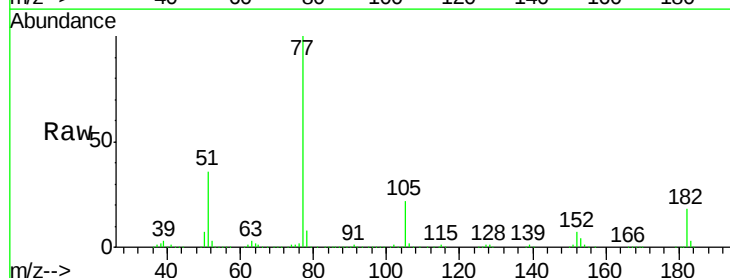
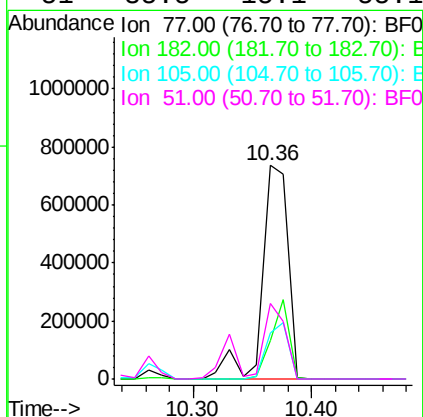
Manual Integrations
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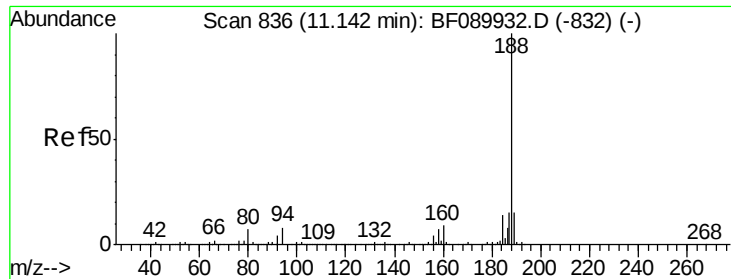
sohil
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#62
Azobenzene
Concen: 45.18 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1116964		
182	18.0	0.0	38.6	
105	21.5	2.3	42.3	
51	35.5	15.1	55.1	





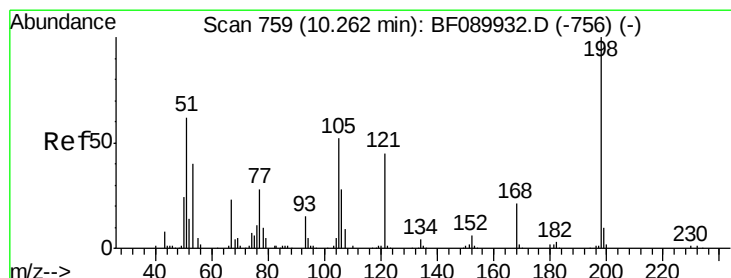
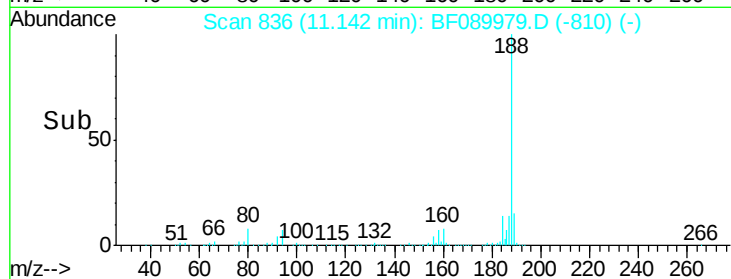
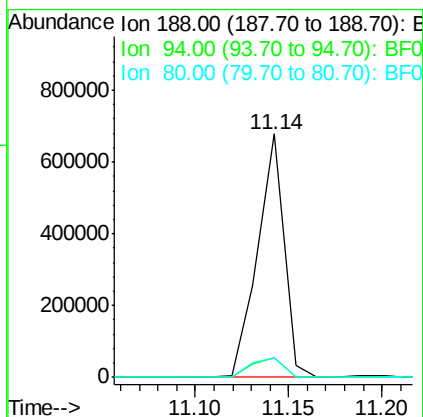
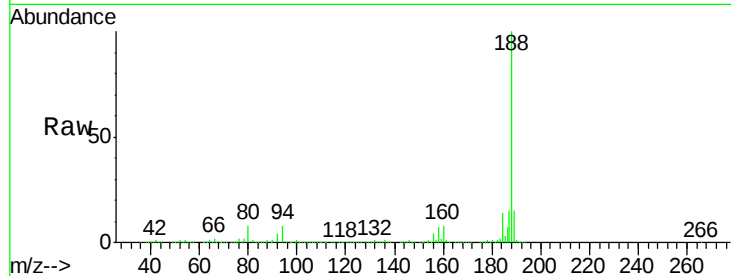
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	669354		
94	7.8		5.9	8.9
80	7.8		5.8	8.8

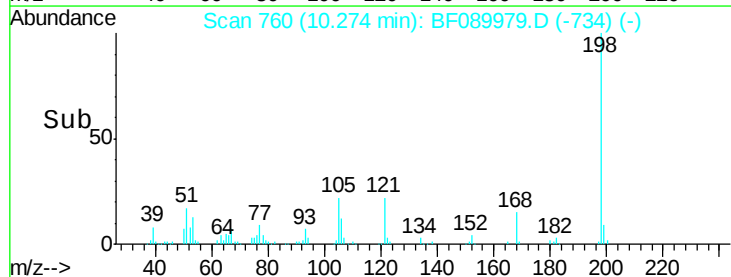
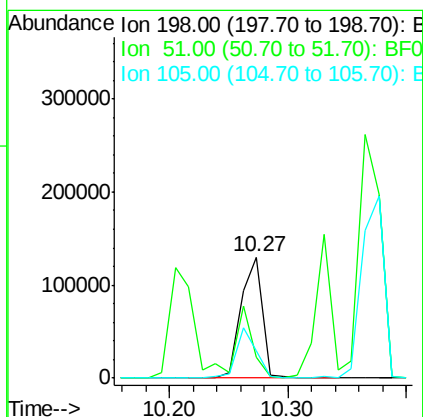
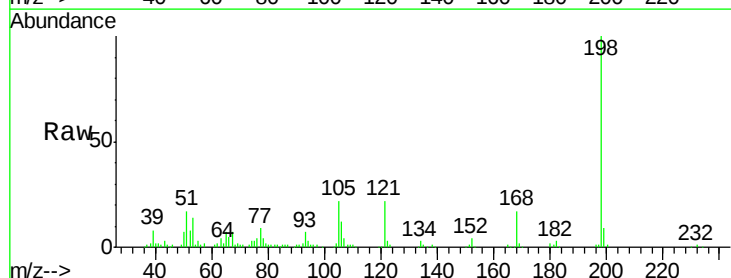
Manual Integrations
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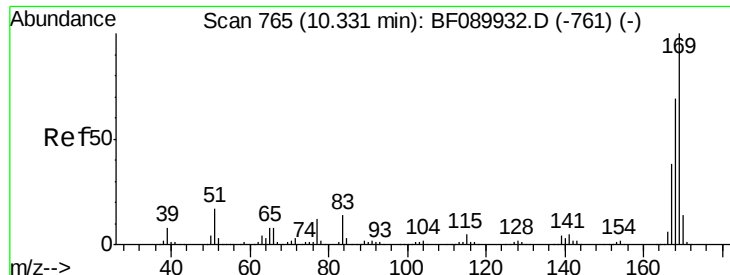
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.64 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	161289		
51	17.3		43.0	83.0#
105	22.5		30.3	70.3#





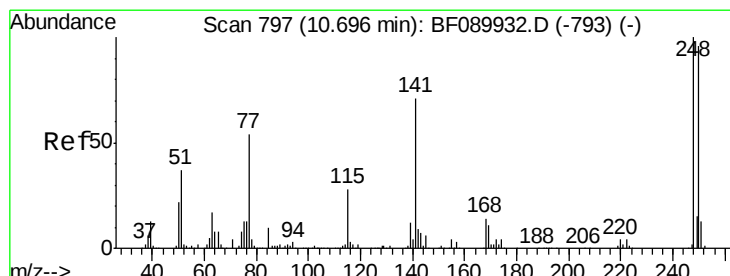
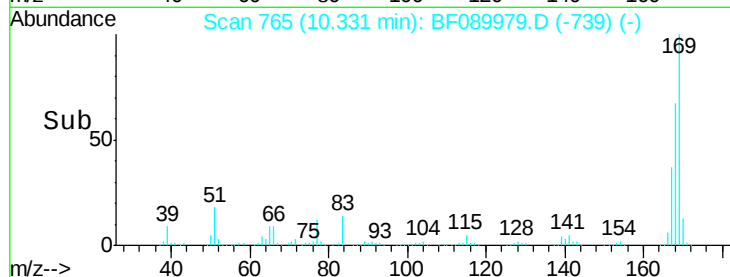
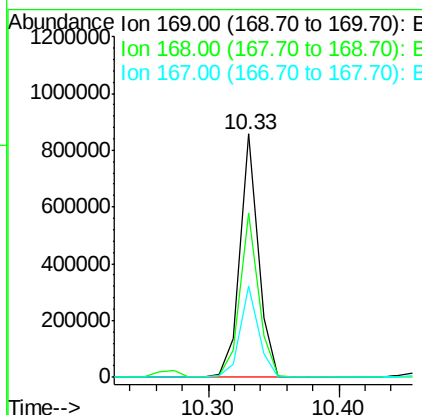
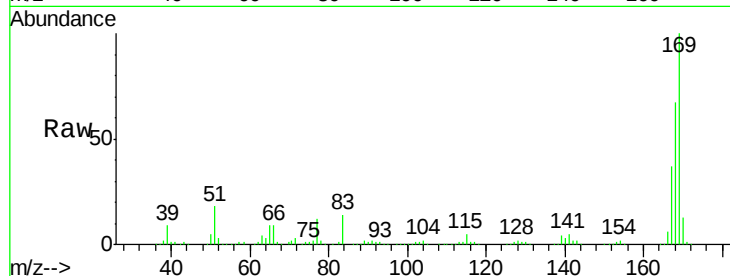
#65
 n-Nitrosodiphenylamine
 Concen: 41.41 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.4	55.0	82.4
167	37.4	30.5	45.7

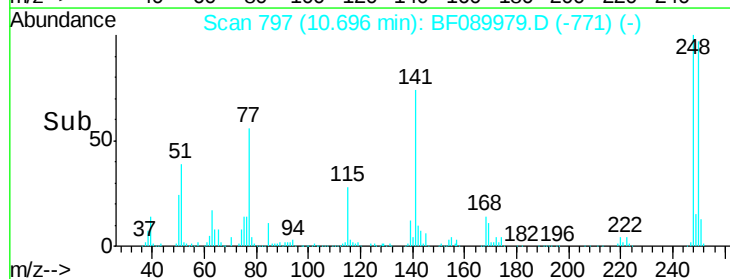
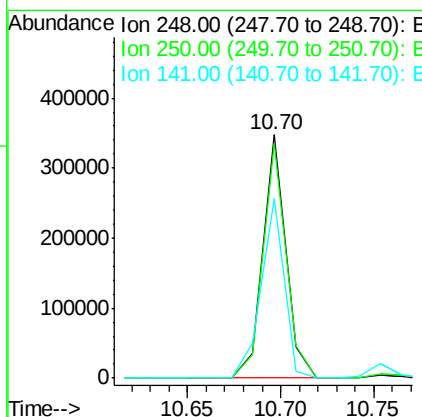
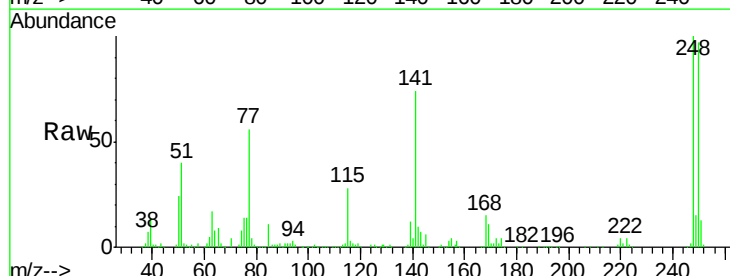
Manual Integrations
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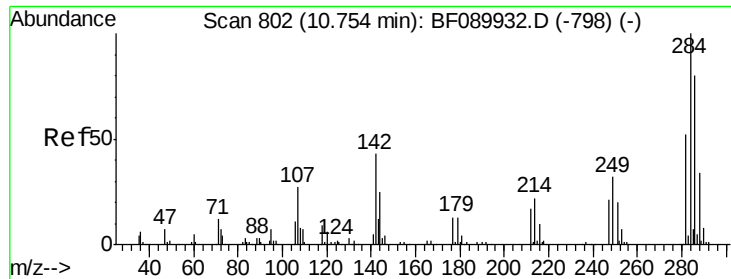
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#66
 4-Bromophenyl-phenylether
 Concen: 43.75 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.6	77.3	115.9
141	73.9	55.8	83.8





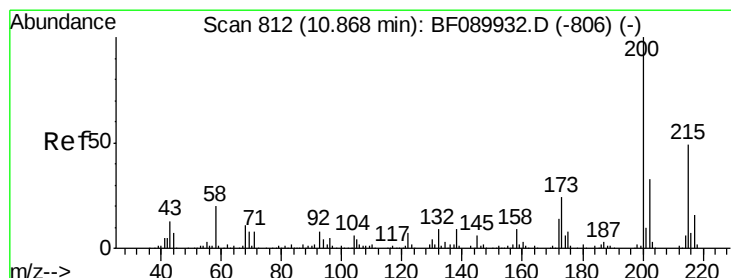
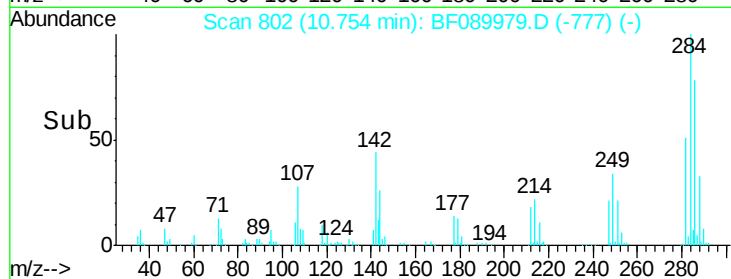
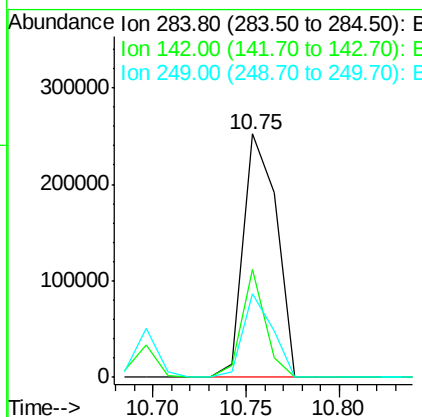
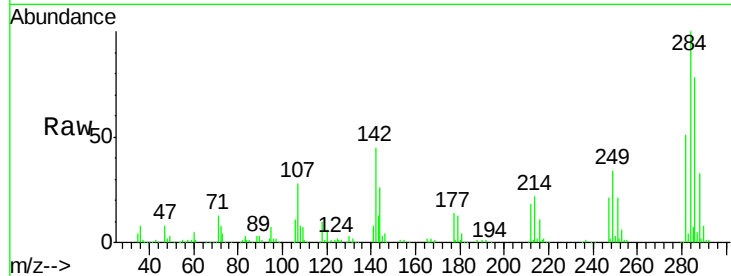
#67
Hexachlorobenzene
Concen: 40.75 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	313662		
142	44.5	32.7	49.1	
249	34.1	26.9	40.3	

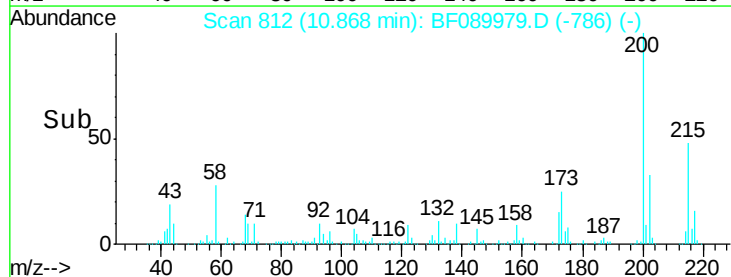
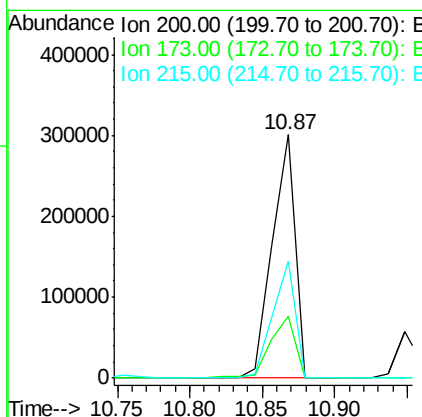
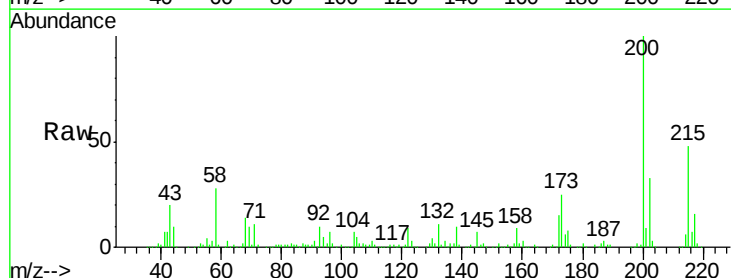
Manual Integrations
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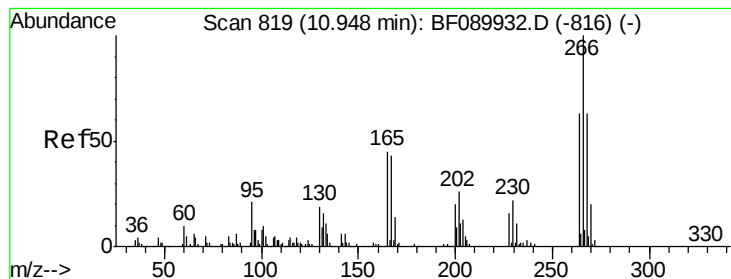
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#68
Atrazine
Concen: 48.94 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	328805		
173	25.5	9.4	49.4	
215	47.8	24.5	64.5	





#69

Pentachlorophenol

Concen: 81.81 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:266 Resp: 338788

Ion Ratio Lower Upper

266 100

268 61.7 51.0 76.6

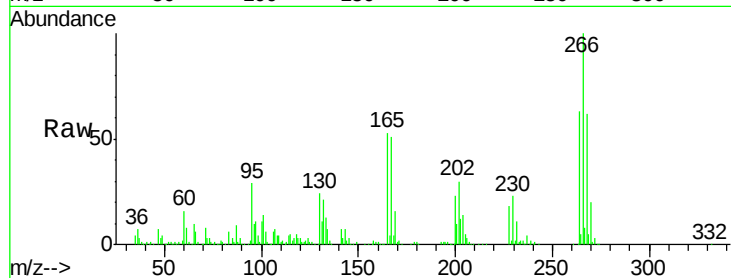
264 62.7 50.6 75.8

Manual Integrations

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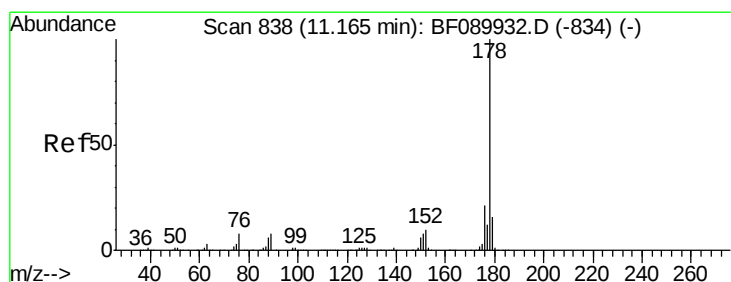
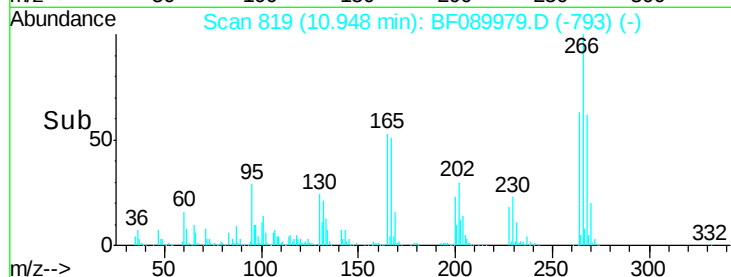
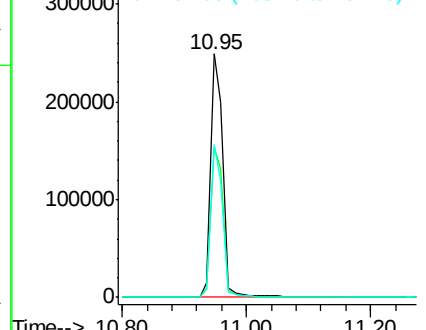
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.56 ng

RT: 11.17 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

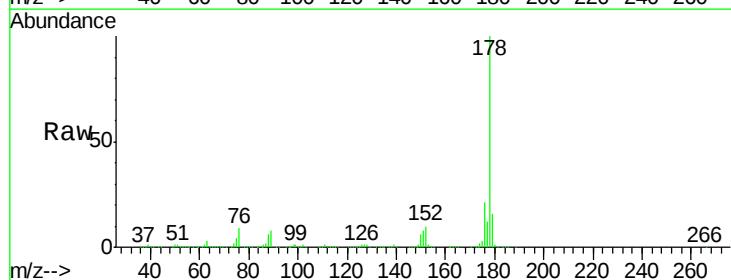
Tgt Ion:178 Resp: 1351903

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

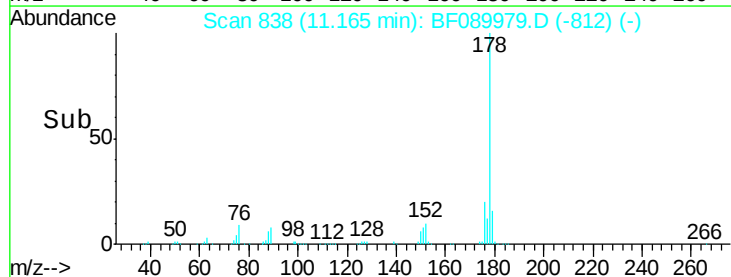
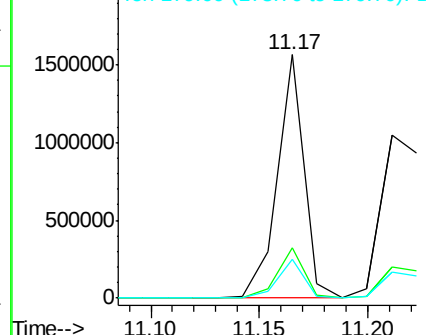
179 15.7 12.8 19.2

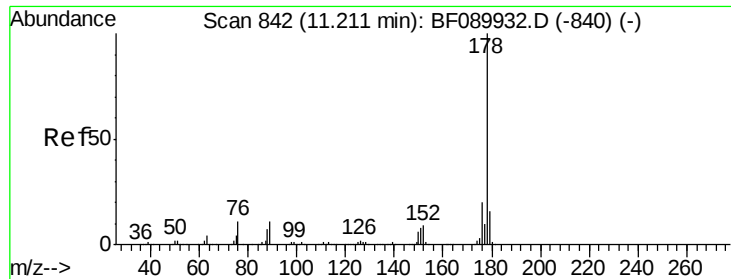


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





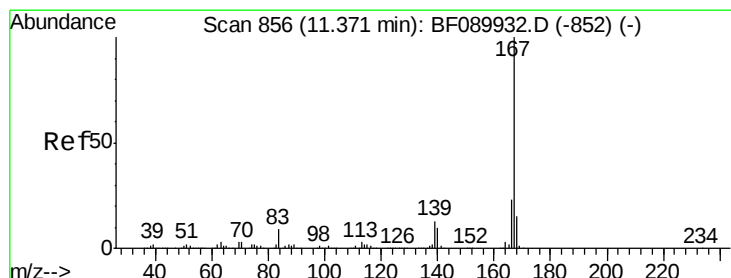
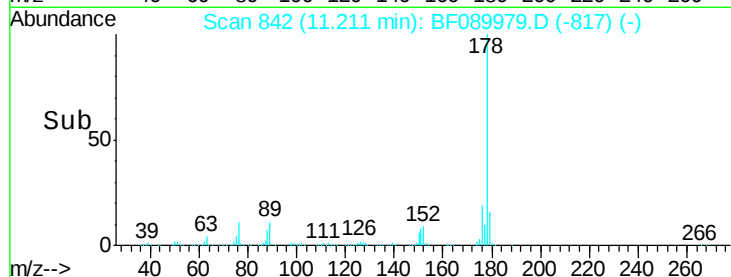
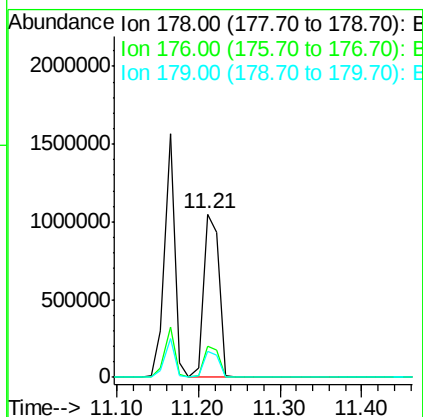
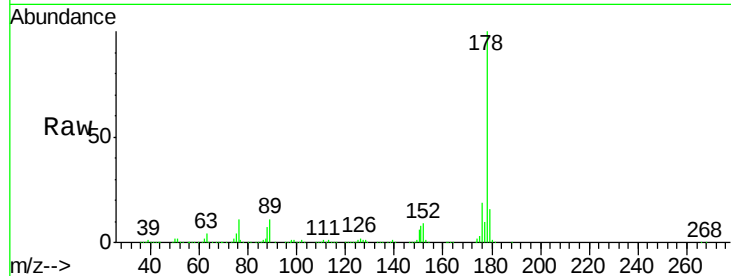
#71
 Anthracene
 Concen: 41.86 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion:178 Resp: 1415295
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 13.0 19.4

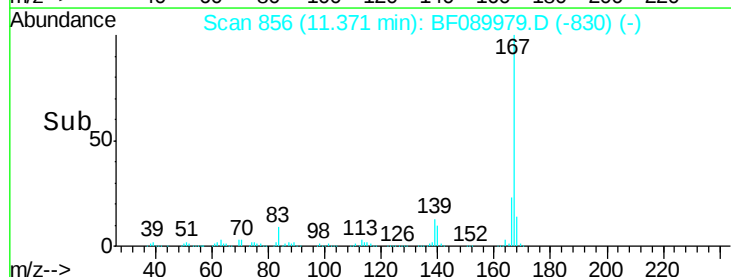
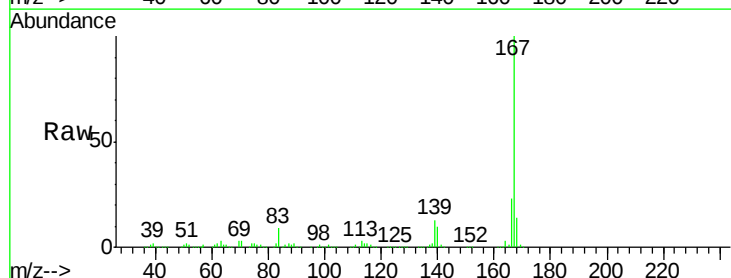
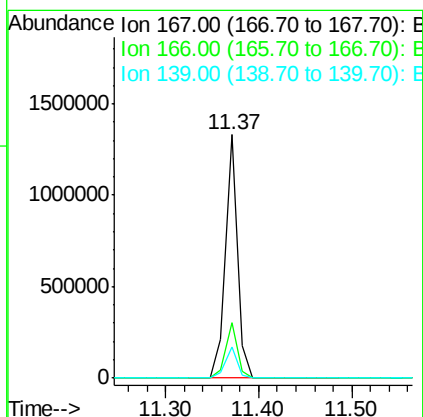
Manual Integrations
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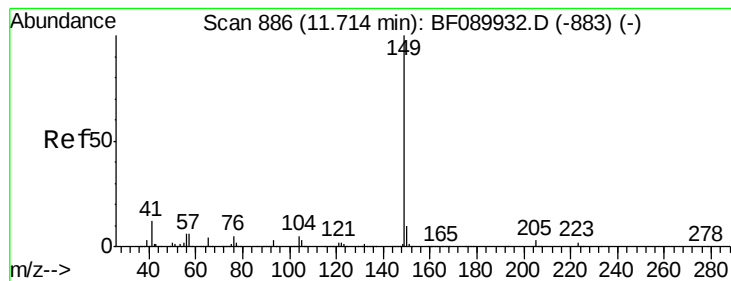
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#72
 Carbazole
 Concen: 37.69 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:167 Resp: 1194743
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.0 10.4 15.6





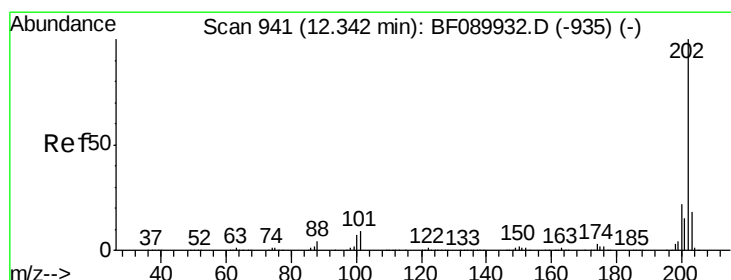
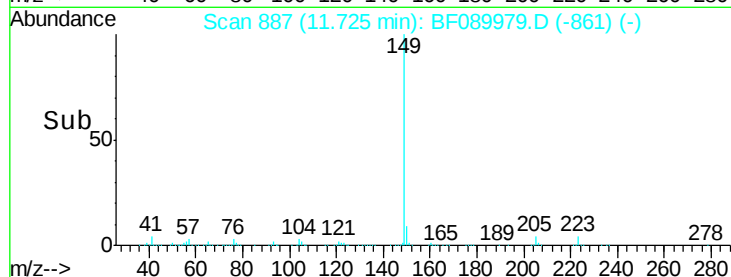
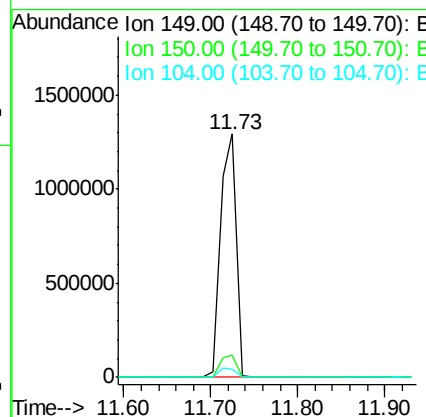
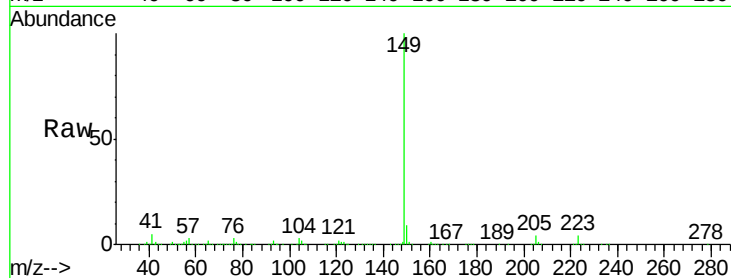
#73
Di-n-butylphthalate
Concen: 44.72 ng
RT: 11.73 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.8
104	3.4	3.9	5.9

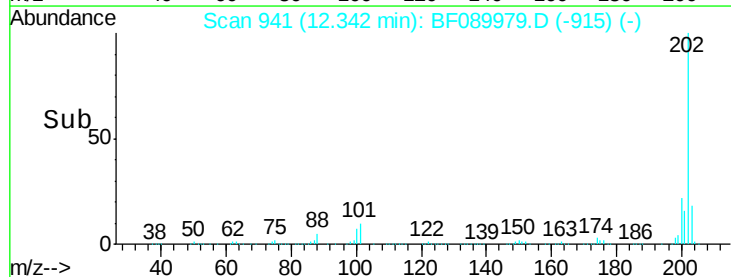
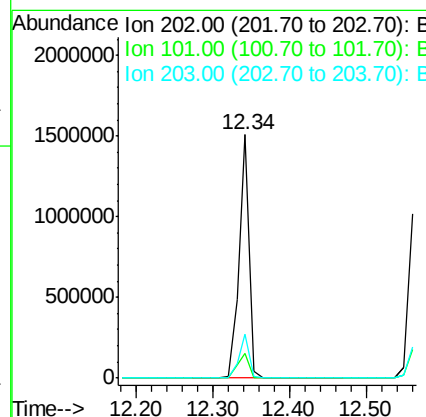
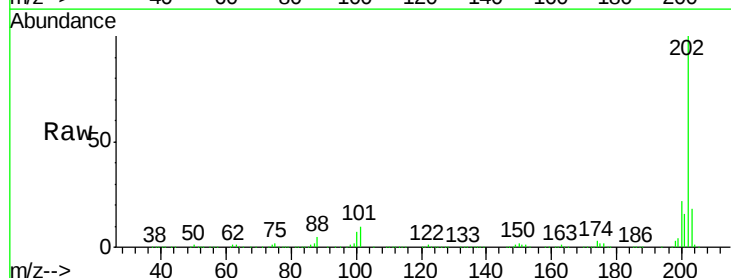
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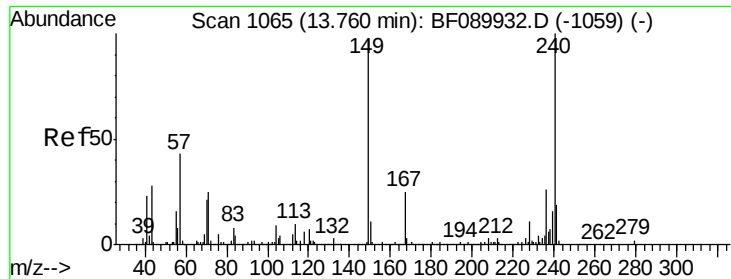
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#74
Fluoranthene
Concen: 40.54 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.5
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

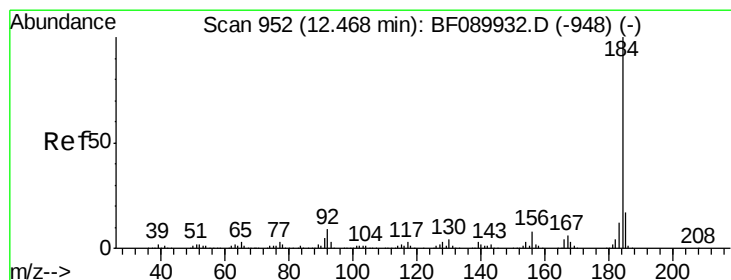
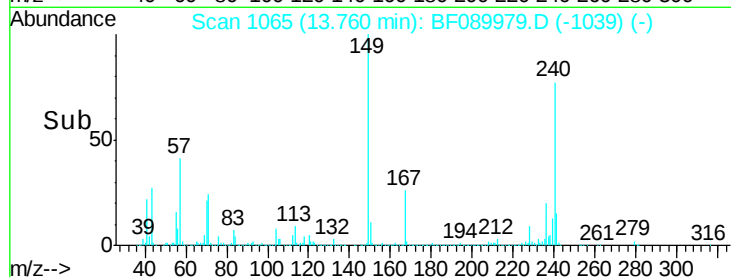
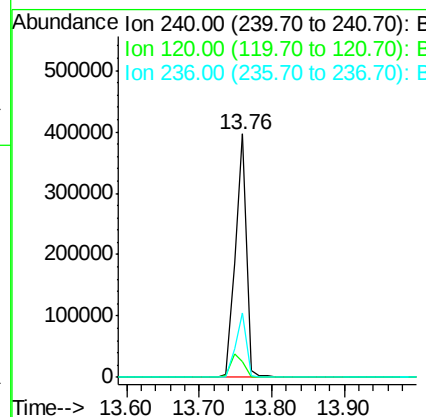
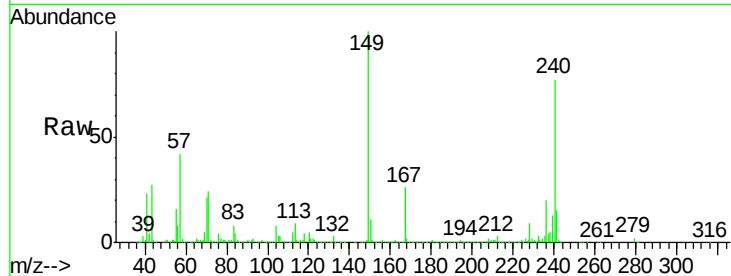
ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	26.4	21.3	31.9

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#76

Benzidine

Concen: 0.78 ng

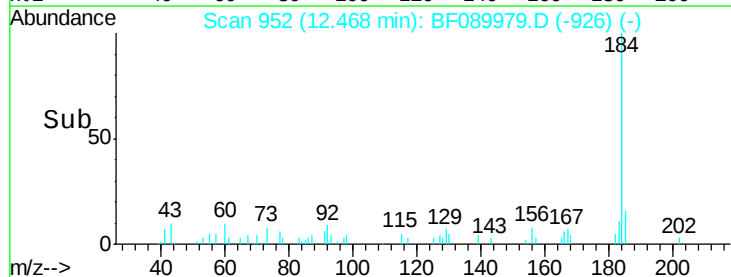
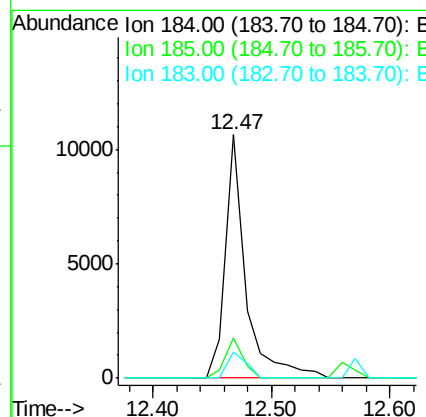
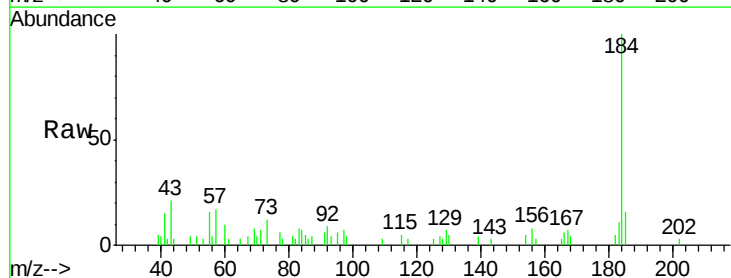
RT: 12.47 min Scan# 952

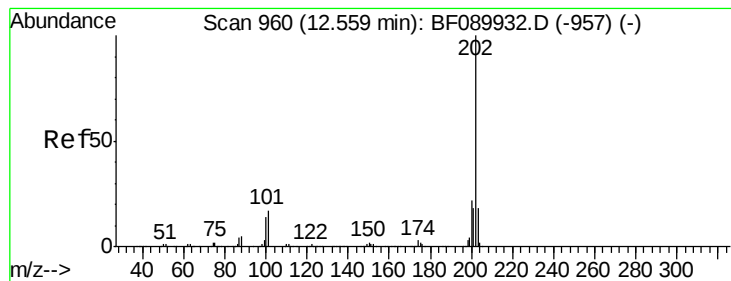
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.8	20.8
183	10.8	9.6	14.4





#77

Pyrene

Concen: 44.94 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-2MS

Tgt Ion:202 Resp: 1336054

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

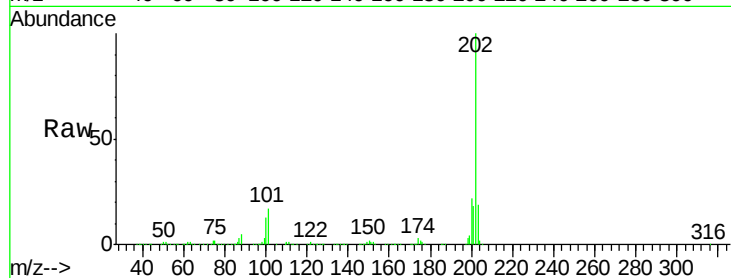
203 18.6 14.6 21.8

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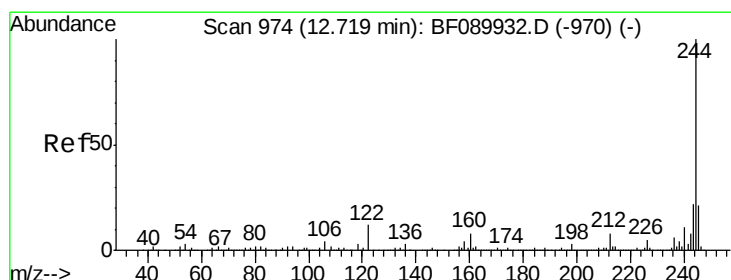
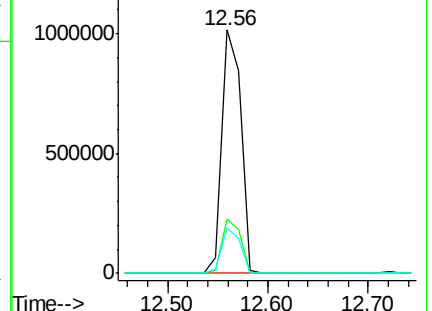
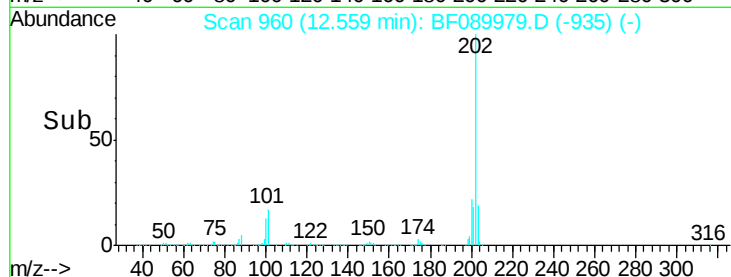
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.60 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

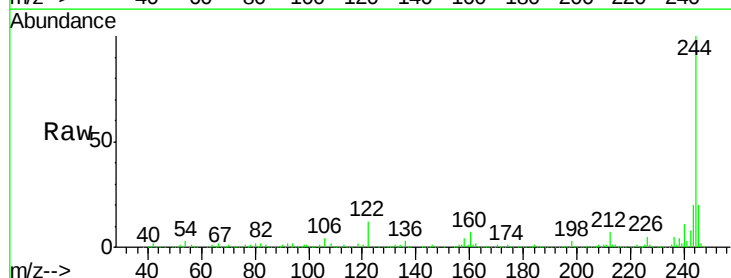
Tgt Ion:244 Resp: 1409920

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

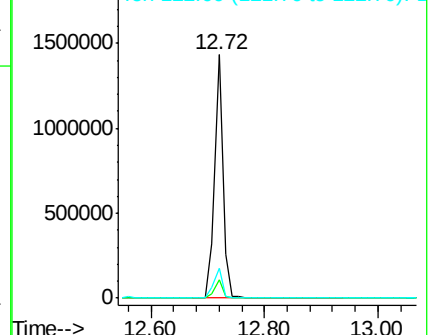
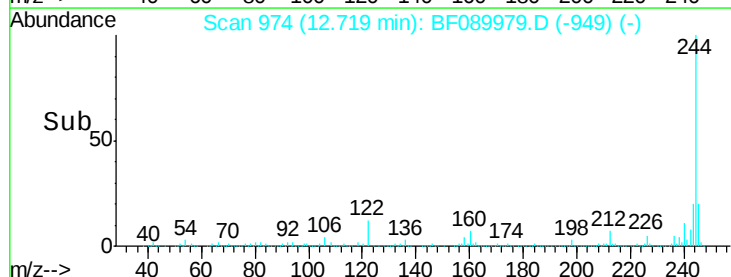
122 12.0 9.6 14.4

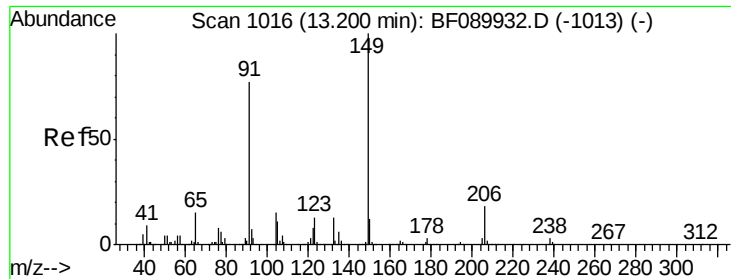


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.74 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

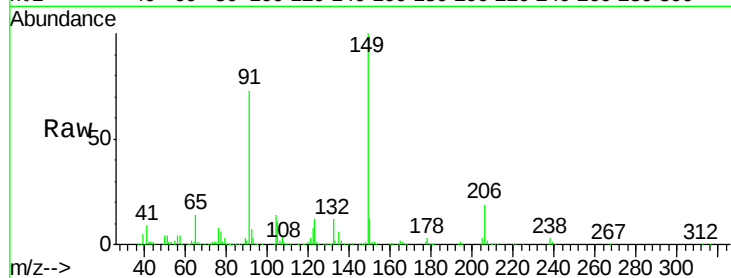
ClientSampleId :

RAMP-A(0-2)-2MS

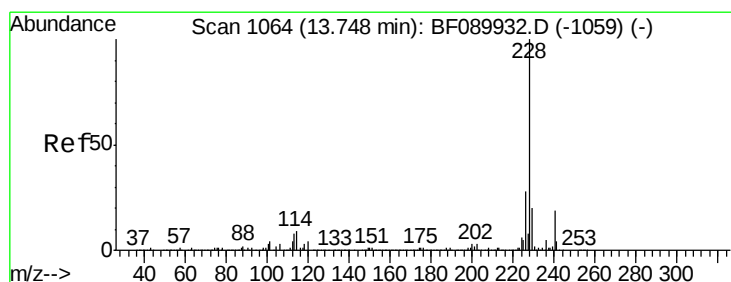
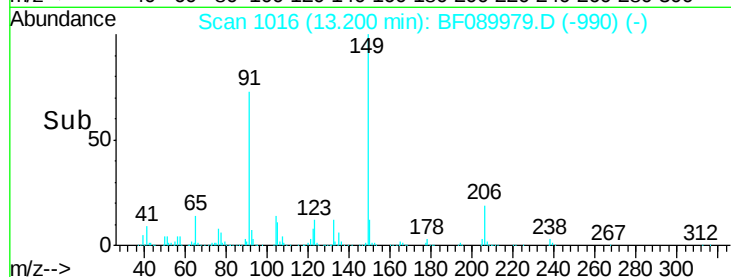
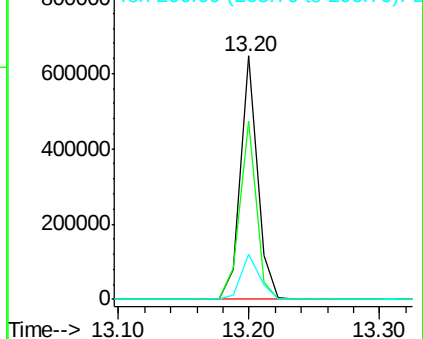
Tgt Ion:	149	Resp:	584428
Ion Ratio	Lower	Upper	
149	100		
91	73.3	60.0	90.0
206	18.8	15.1	22.7

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



#80

Benzo(a)anthracene

Concen: 43.74 ng

RT: 13.75 min Scan# 1064

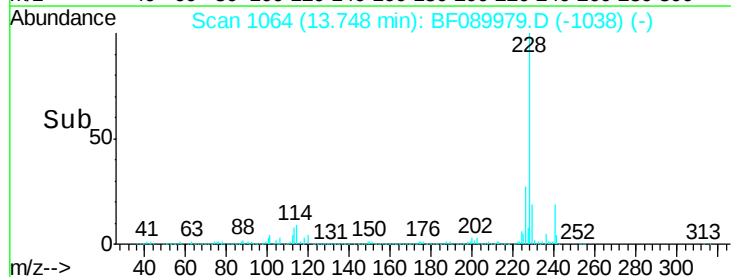
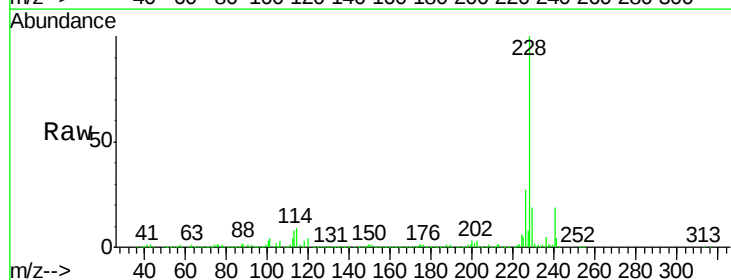
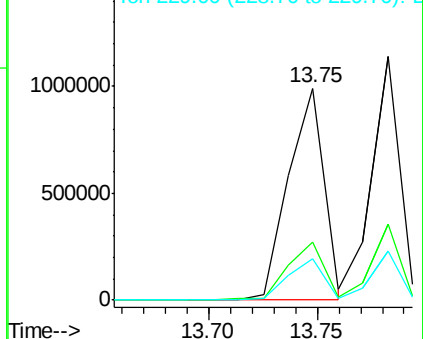
Delta R.T. 0.00 min

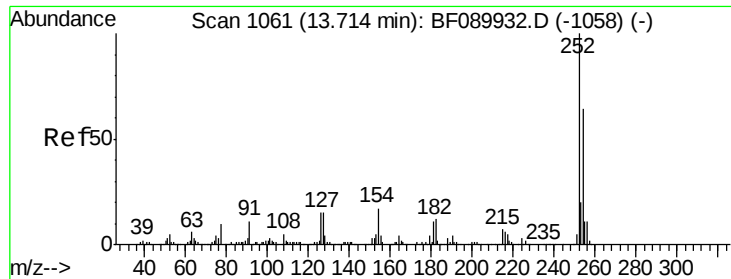
Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:	228	Resp:	1129567
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	19.4	15.8	23.6

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





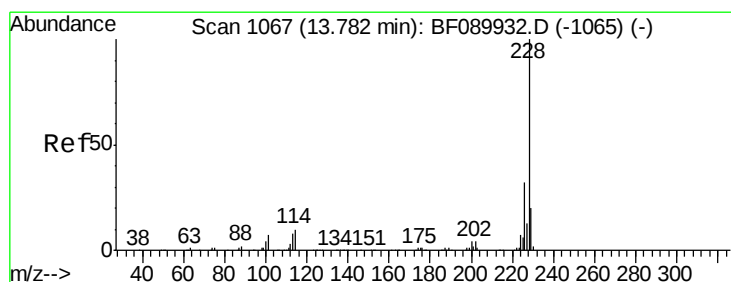
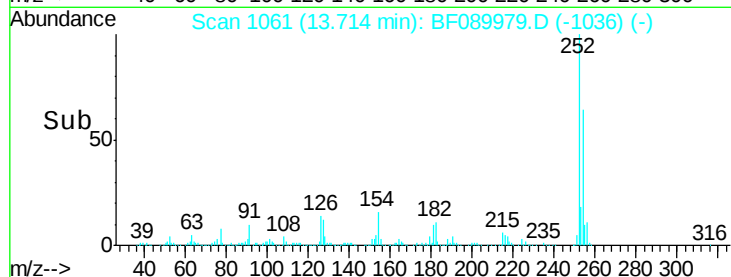
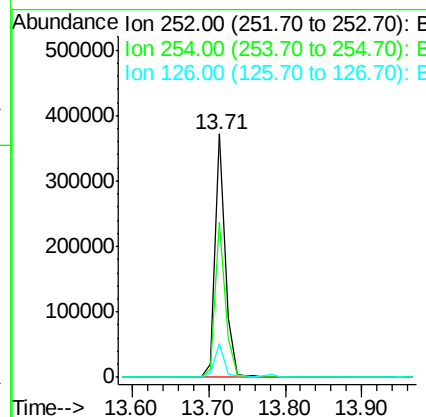
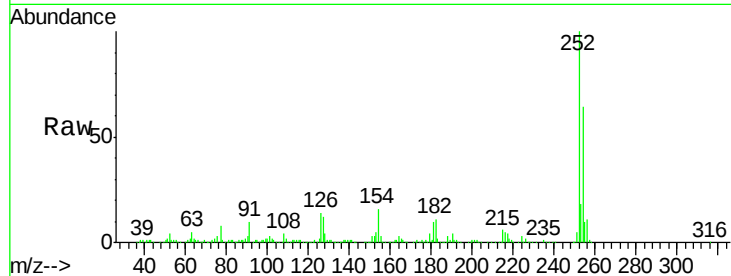
#81
 3,3'-Dichlorobenzidine
 Concen: 36.58 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	13.7	12.3	18.5

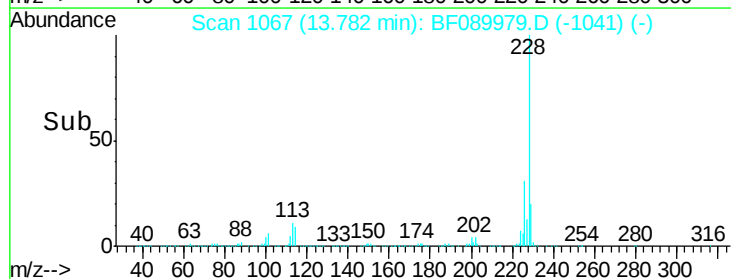
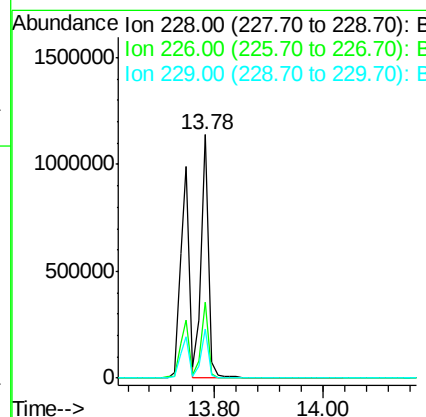
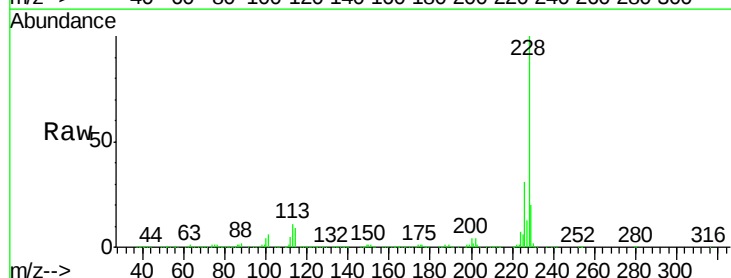
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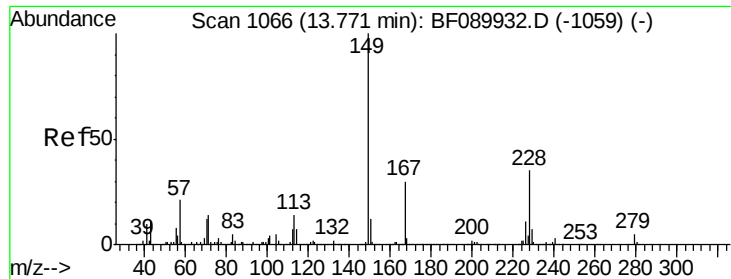
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#82
 Chrysene
 Concen: 43.76 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	20.2	16.2	24.2





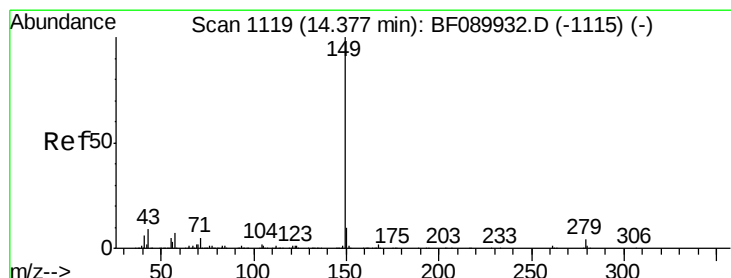
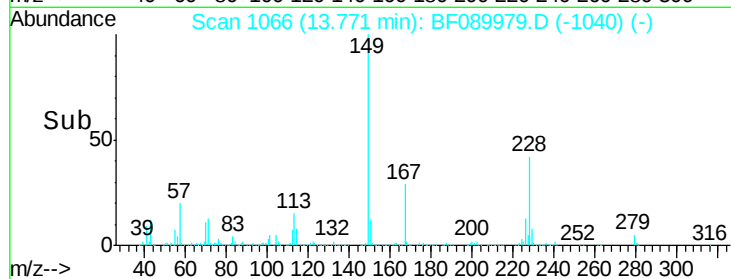
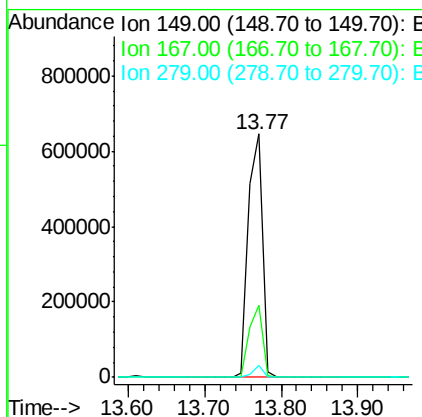
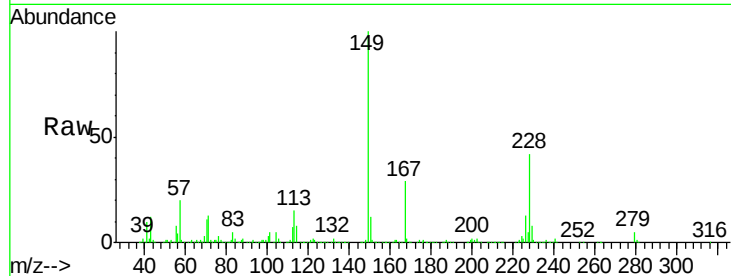
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.43 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.6	35.4
279	4.7	3.4	5.2

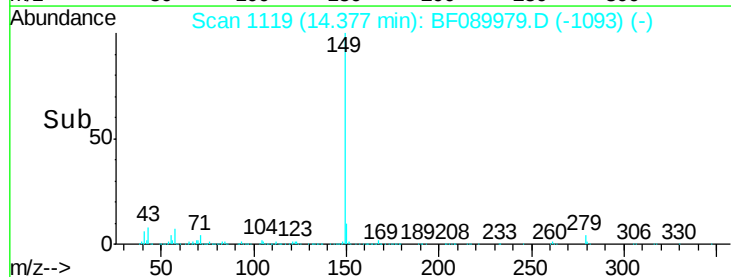
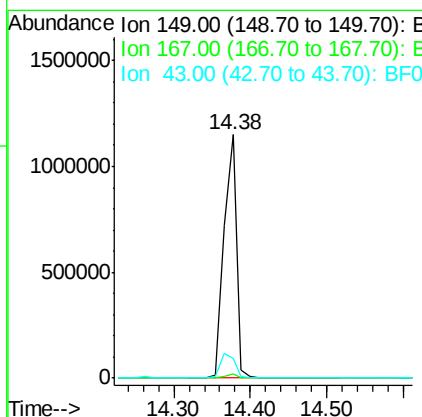
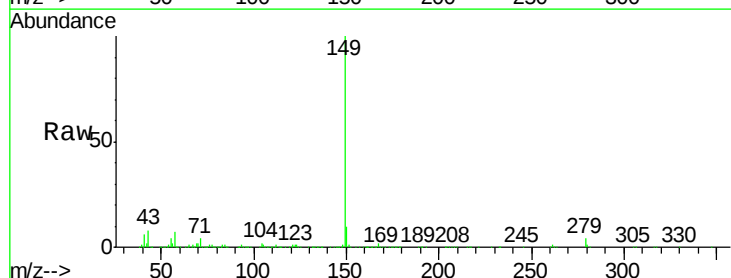
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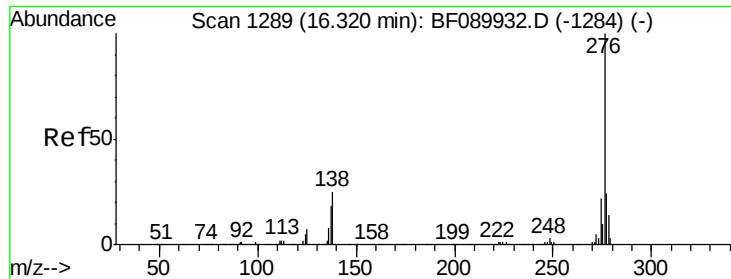
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#84
 Di-n-octyl phthalate
 Concen: 49.91 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.2	9.3	13.9





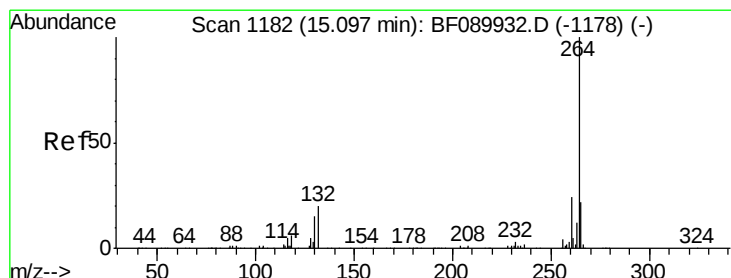
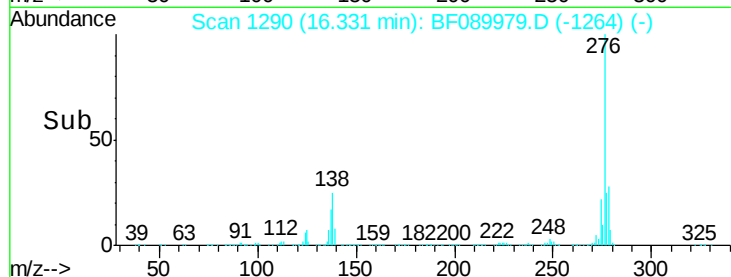
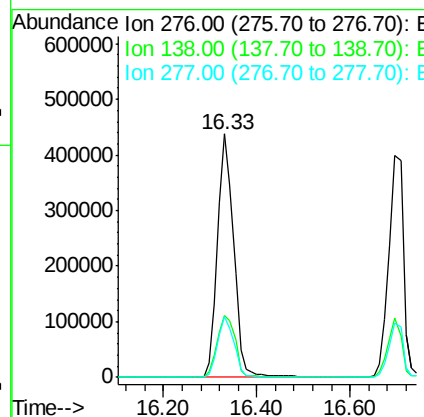
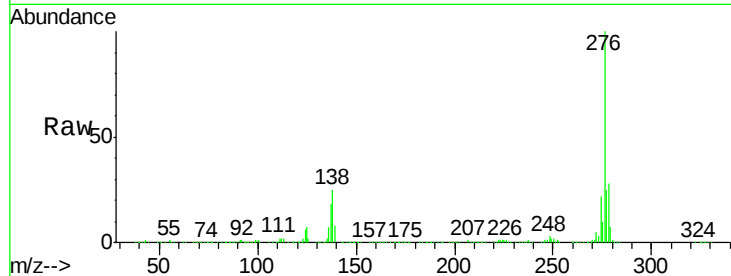
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.92 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.6	34.0
277	25.6	20.1	30.1

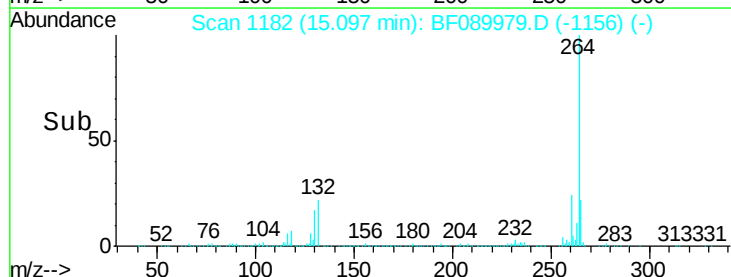
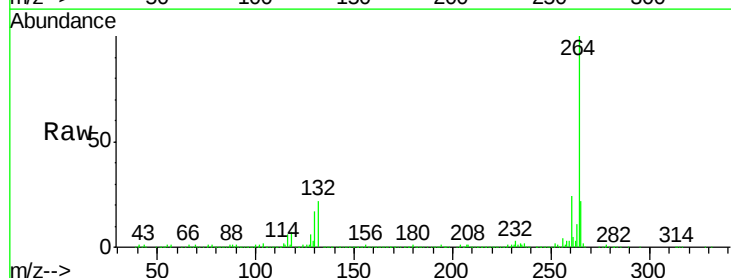
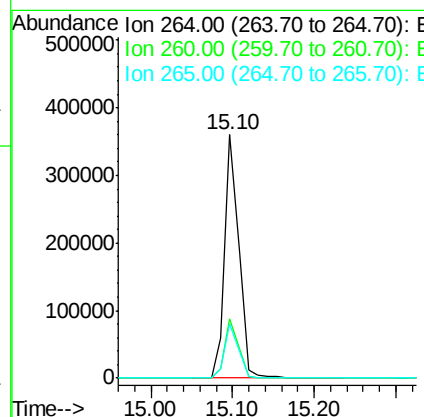
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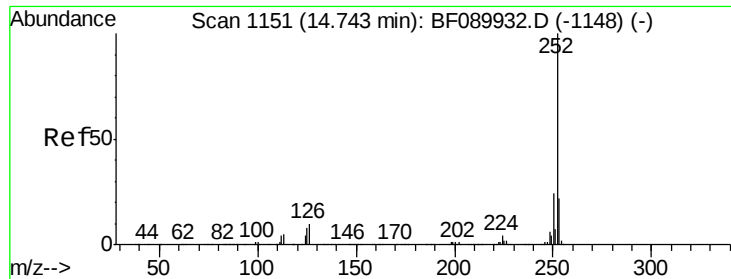
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.1	17.4	26.2





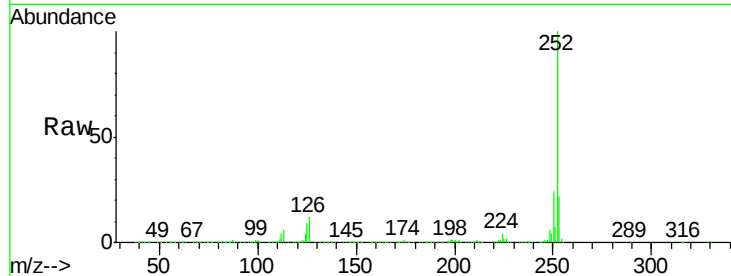
#87
Benzo(b)fluoranthene
Concen: 43.87 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

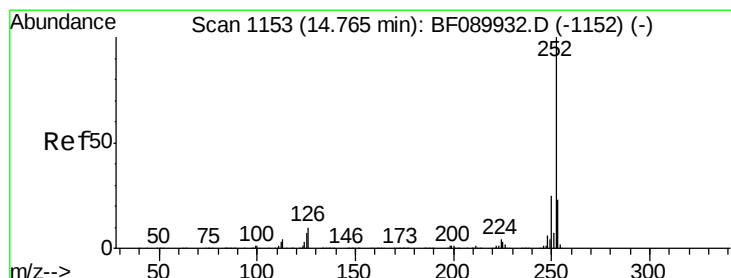
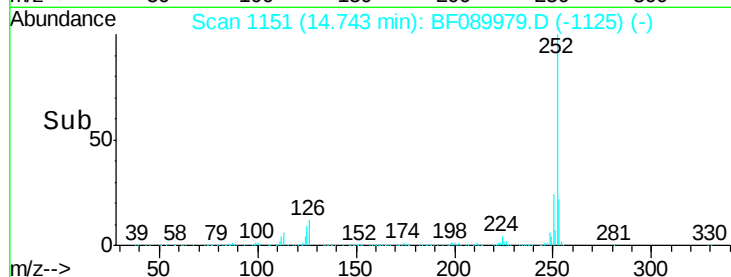
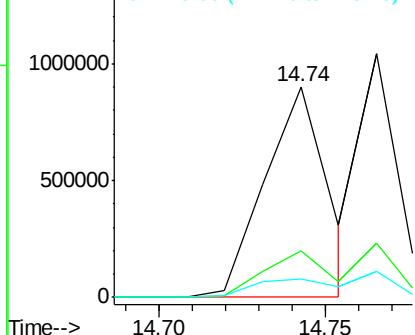
Tgt Ion:252 Resp: 1183648
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.6 5.7 8.5#

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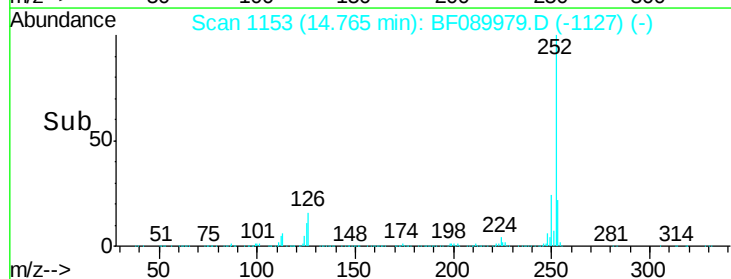
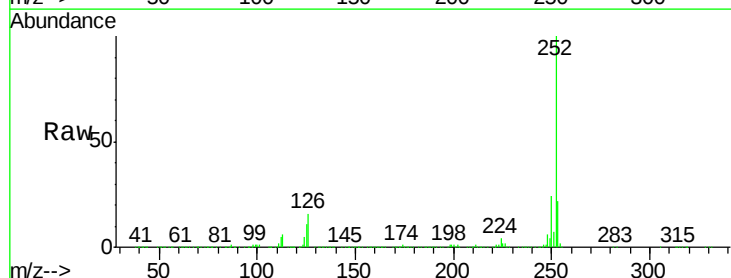
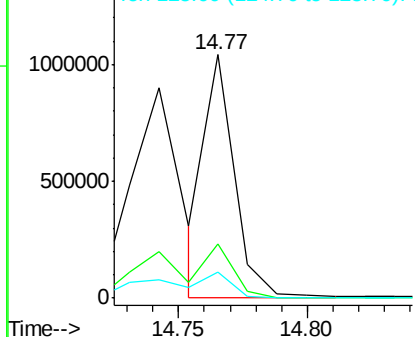
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

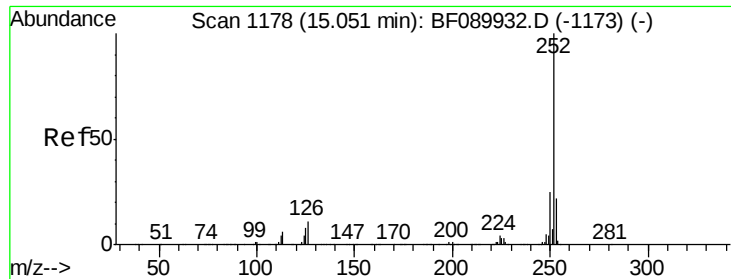


#88
Benzo(k)fluoranthene
Concen: 36.63 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:252 Resp: 838668
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.8 7.3 10.9

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





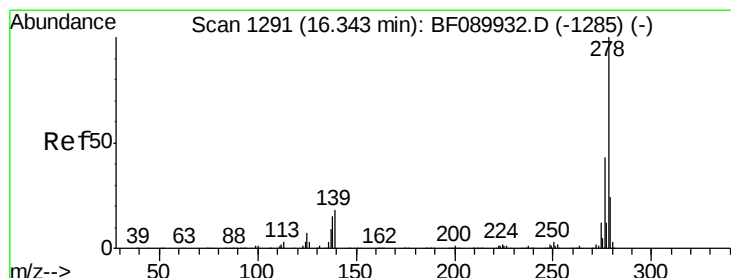
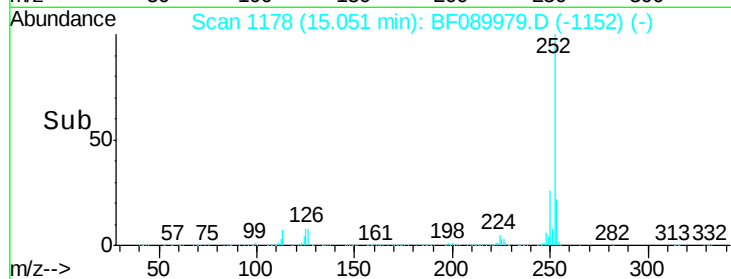
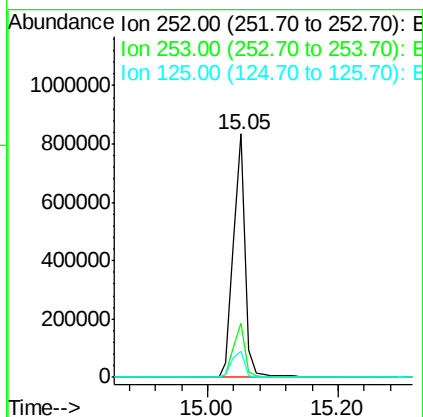
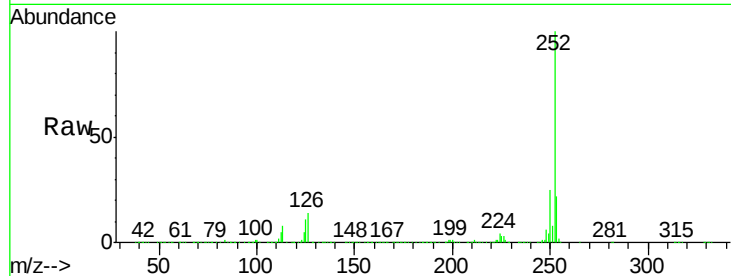
#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.6	6.3	9.5

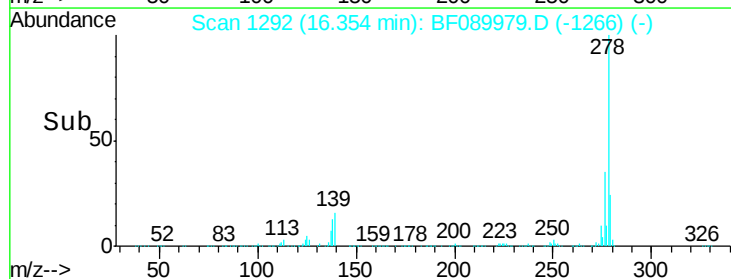
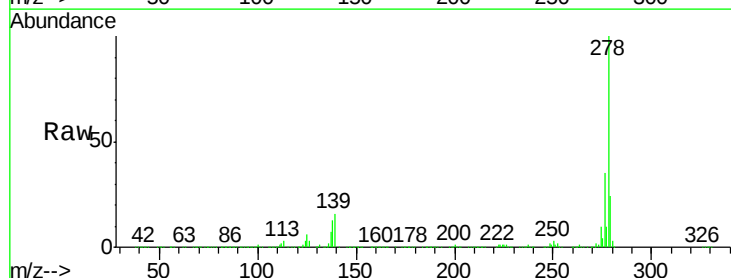
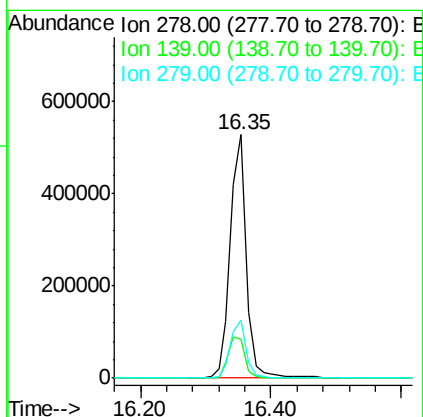
Manual Integrations
APPROVED

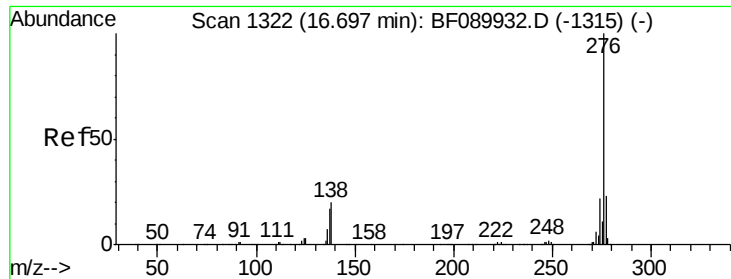
sohil
9/5/2016 6:42:34 AM



#90
Dibenzo(a,h)anthracene
Concen: 53.29 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.4	20.2
279	24.0	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 51.29 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	27.0	16.4	24.6

Manual Integrations
 APPROVED

sohil
 9/5/2016 6:42:34 AM

