

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089731.D
 Acq On : 16 Aug 2016 18:09
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

umangi
 8/17/2016 5:58:17 AM

Quant Time: Aug 16 19:41:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	689920	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	2745294	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	1340391	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	2455608	20.00	ng	0.01
75) Chrysene-d12	13.86	240	1662292	20.00	ng	-0.03
86) Perylene-d12	15.27	264	1763526	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4290937	49.77	ng	0.00
7) Phenol-d6	6.34	99	5691369	52.95	ng	0.01
23) Nitrobenzene-d5	7.28	82	5332449	58.86	ng	0.01
41) 2,4,6-Tribromophenol	10.52	330	1481569	55.67	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.81	244	6307521	54.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	1126780	50.30	ng	99
3) Pyridine	2.86	79	3173736	56.88	ng	98
4) n-Nitrosodimethylamine	2.83	42	1304547	55.79	ng	# 88
6) Aniline	6.36	93	3918852	52.76	ng	# 80
8) 2-Chlorophenol	6.49	128	2884152	60.64	ng	83
9) Benzaldehyde	6.24	77	1976792	54.42	ng	94
10) Phenol	6.35	94	3168638	49.07	ng	91
11) bis(2-Chloroethyl)ether	6.44	93	2534046	53.67	ng	96
12) 1,3-Dichlorobenzene	6.64	146	2774272	53.88	ng	98
13) 1,4-Dichlorobenzene	6.72	146	2702396	52.17	ng	97
14) 1,2-Dichlorobenzene	6.88	146	2912682	58.84	ng	95
15) Benzyl Alcohol	6.86	79	2025547	52.46	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	3384418	56.11	ng	94
17) 2-Methylphenol	6.97	107	2251555	56.80	ng	97
18) Hexachloroethane	7.22	117	1163833	60.04	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	1967348	56.24	ng	92
20) 3+4-Methylphenols	7.13	107	2573148	52.78	ng	# 70
22) Acetophenone	7.12	105	3647364	55.71	ng	93
24) Nitrobenzene	7.29	77	2675355	55.02	ng	97
25) Isophorone	7.54	82	5340385	58.95	ng	# 93
26) 2-Nitrophenol	7.61	139	1629014	72.27	ng	# 89
27) 2,4-Dimethylphenol	7.66	122	2487567	55.47	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	3461367	60.11	ng	# 93
29) 2,4-Dichlorophenol	7.85	162	2167626	56.87	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	2272697	56.62	ng	99
31) Naphthalene	8.01	128	6419328	51.97	ng	# 94
32) Benzoic acid	7.82	122	2282786	79.44	ng	99
33) 4-Chloroaniline	8.07	127	3487161	59.01	ng	# 91
34) Hexachlorobutadiene	8.14	225	1155451	56.46	ng	99
35) Caprolactam	8.47	113	738028	62.70	ng	90
36) 4-Chloro-3-methylphenol	8.56	107	2622399	66.03	ng	96
37) 2-Methylnaphthalene	8.71	142	4924618	57.73	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2376839	63.41	ng	# 97
40) Hexachlorocyclopentadiene	8.87	237	1162930	56.17	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1633990	60.77	ng	100
43) 2,4,5-Trichlorophenol	9.02	196	1410786	55.09	ng #	91
45) 1,1'-Biphenyl	9.18	154	5502584	49.56	ng	90
46) 2-Chloronaphthalene	9.20	162	4749671	58.99	ng	91
47) 2-Nitroaniline	9.29	65	1681309	64.58	ng	88
48) Acenaphthylene	9.61	152	7118083	56.15	ng #	91
49) Dimethylphthalate	9.48	163	4642244	49.42	ng	96
50) 2,6-Dinitrotoluene	9.54	165	1467645	70.53	ng #	79
51) Acenaphthene	9.78	154	5019575	60.50	ng	96
52) 3-Nitroaniline	9.70	138	1370443	50.78	ng	98
54) Dibenzofuran	9.95	168	5875930	49.95	ng	98
55) 4-Nitrophenol	9.86	139	1392743	67.50	ng	94
56) 2,4-Dinitrotoluene	9.93	165	1700468	63.26	ng #	57
57) Fluorene	10.30	166	4730761	56.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1241227	56.10	ng	99
59) Diethylphthalate	10.18	149	5168664	53.84	ng	94
61) 4-Nitroaniline	10.32	138	1417105	59.47	ng	96
62) Azobenzene	10.44	77	4874183	46.85	ng	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	805436	61.15	ng	93
65) n-Nitrosodiphenylamine	10.41	169	4275886	53.92	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	1438504	57.21	ng #	82
67) Hexachlorobenzene	10.83	284	1444723	51.19	ng #	78
68) Atrazine	10.94	200	1254865	53.82	ng	95
69) Pentachlorophenol	11.03	266	1141417	67.08	ng	97
70) Phenanthrene	11.24	178	5953973m	48.87	ng	
71) Anthracene	11.30	178	6935479	54.41	ng	96
72) Carbazole	11.45	167	5716497	47.06	ng #	92
73) Di-n-butylphthalate	11.79	149	7452503	53.20	ng	96
74) Fluoranthene	12.42	202	6016946	46.75	ng	88
76) Benzidine	12.55	184	3830551	67.28	ng #	95
77) Pyrene	12.65	202	6012744	56.43	ng #	90
79) Butylbenzylphthalate	13.29	149	3598812	73.90	ng	93
80) Benzo(a)anthracene	13.85	228	5815554	60.95	ng	95
81) 3,3'-Dichlorobenzidine	13.82	252	2184500	62.37	ng	97
82) Chrysene	13.89	228	4774533	55.71	ng	94
83) Bis(2-ethylhexyl)phthalate	13.86	149	4544479	66.41	ng #	98
84) Di-n-octyl phthalate	14.50	149	7144367	69.35	ng	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	5301175	72.23	ng	100
87) Benzo(b)fluoranthene	14.90	252	6516356m	59.71	ng	
89) Benzo(a)pyrene	15.22	252	5019528	54.83	ng	96
90) Dibenzo(a,h)anthracene	16.59	278	4301030	59.82	ng	95
91) Benzo(g,h,i)perylene	16.96	276	4375390	60.04	ng	97

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

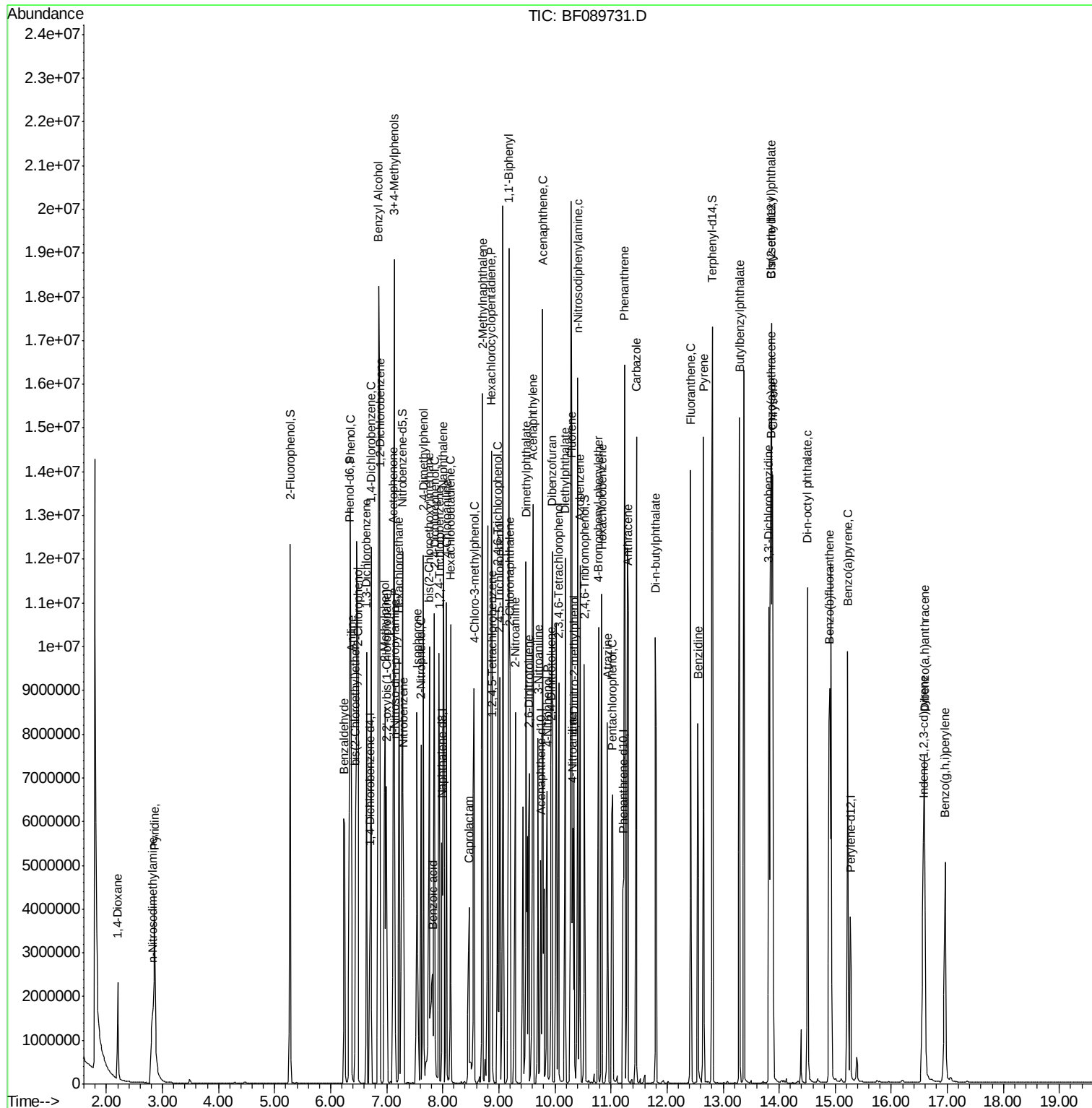
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\  
Data File : BF089731.D  
Acq On    : 16 Aug 2016   18:09  
Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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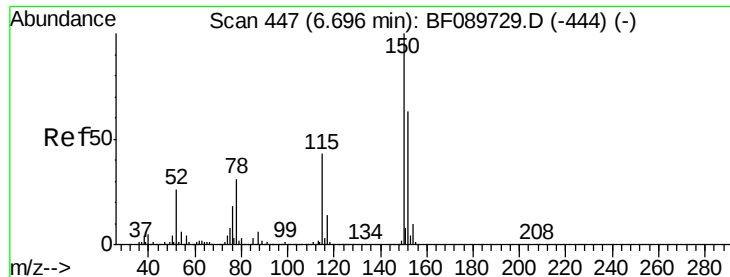
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

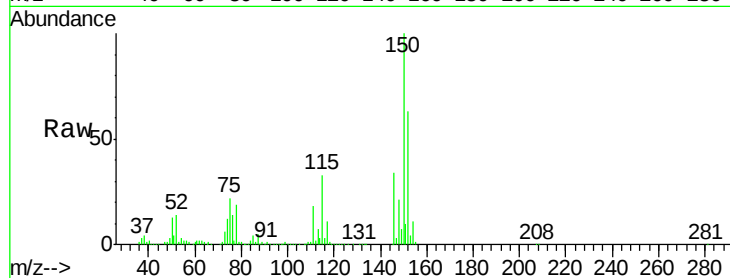
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SSTDIC060

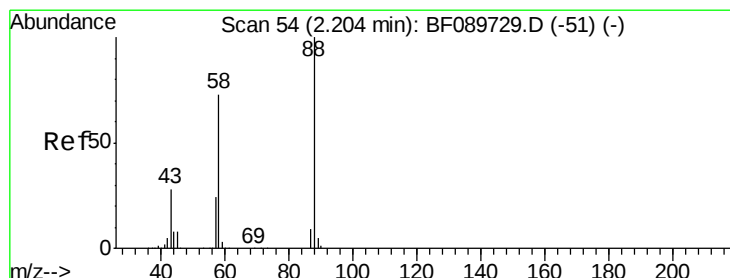
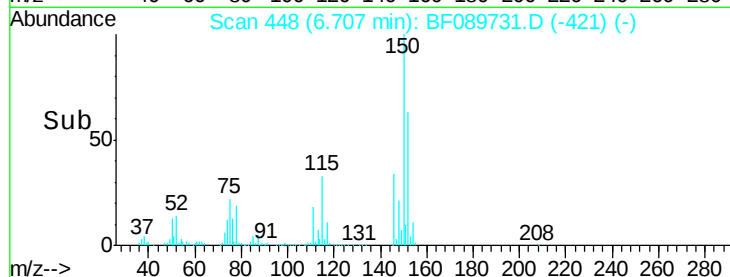
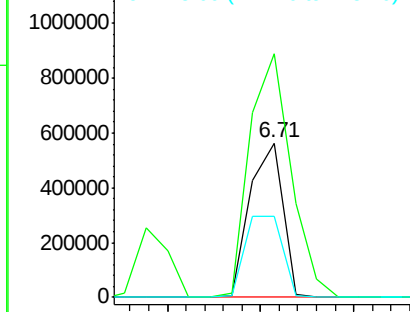
Tgt Ion:	152	Resp:	689920
Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.3	187.9
115	52.4	40.9	61.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.30 ng

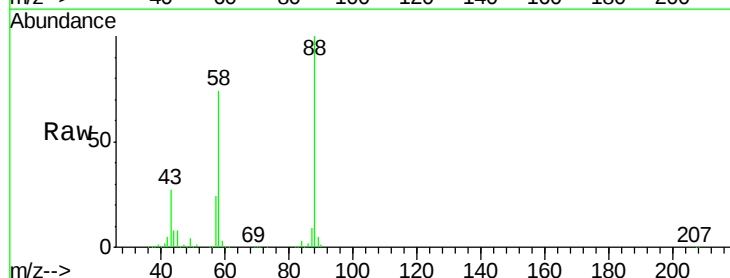
RT: 2.20 min Scan# 54

Delta R.T. -0.00 min

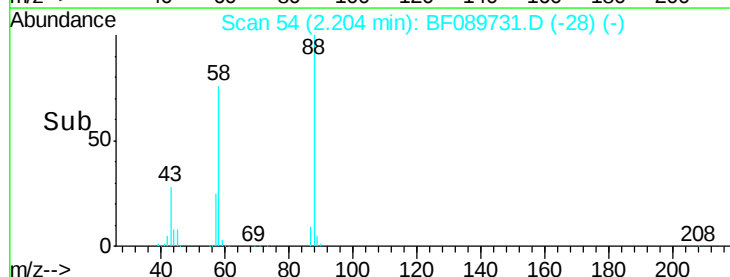
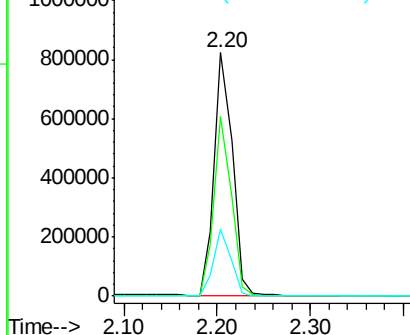
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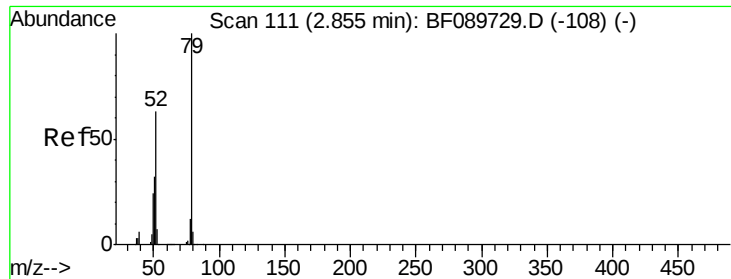
Acq: 16 Aug 2016 18:09

Tgt Ion:	88	Resp:	1126780
Ion	Ratio	Lower	Upper
88	100		
58	70.6	57.0	85.4
43	26.2	21.8	32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 56.88 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 79 Resp: 3173736

Ion Ratio Lower Upper

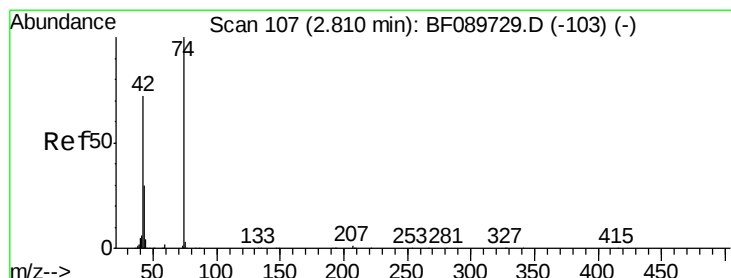
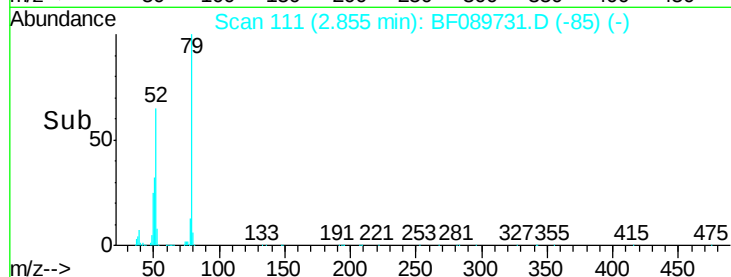
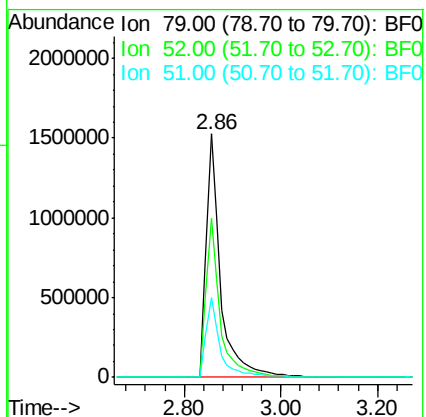
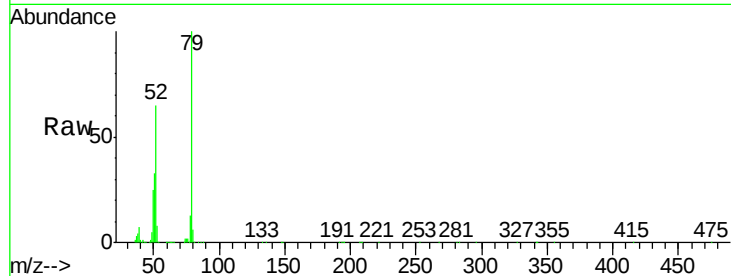
79 100

52 65.4 53.6 80.4

51 32.6 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 55.79 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

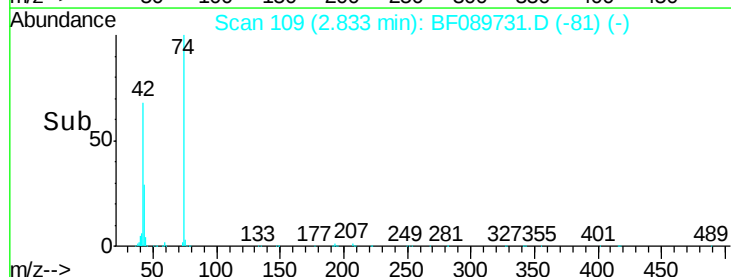
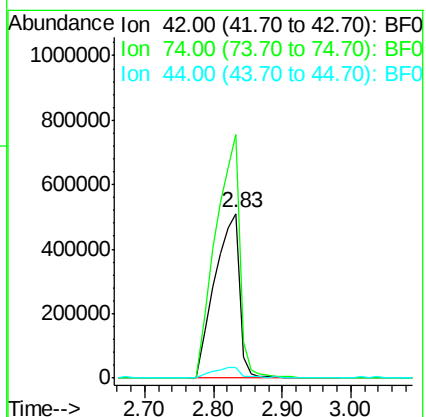
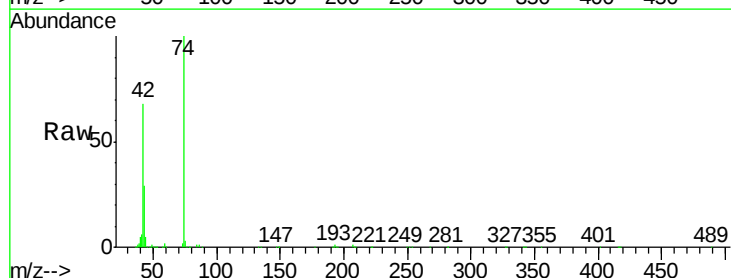
Tgt Ion: 42 Resp: 1304547

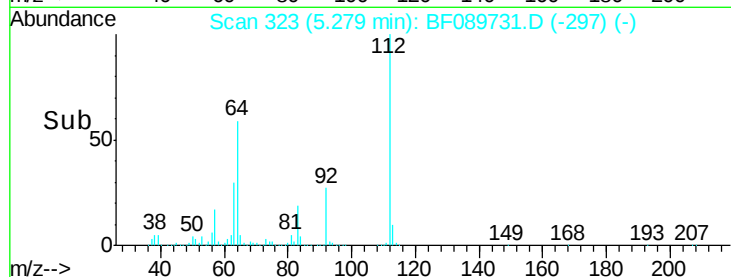
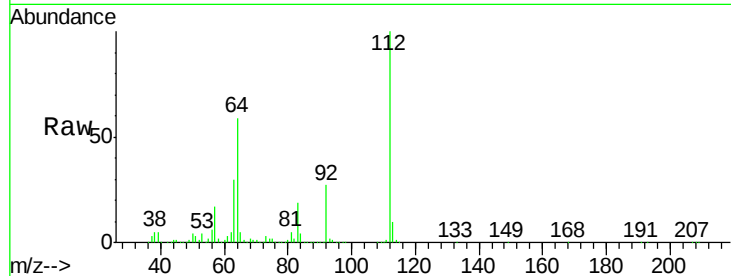
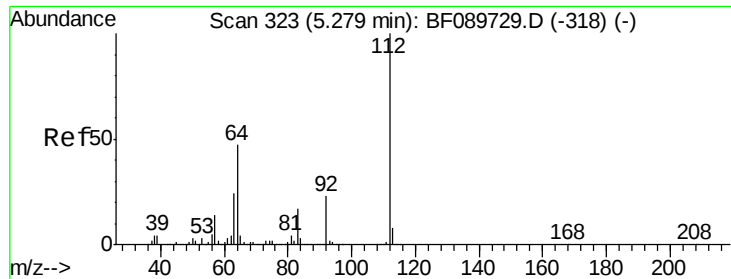
Ion Ratio Lower Upper

42 100

74 147.9 106.2 159.2

44 6.8 6.9 10.3#





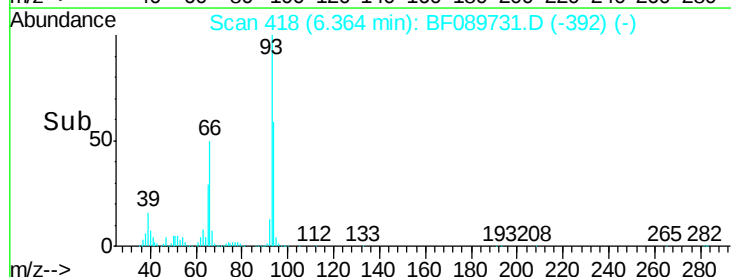
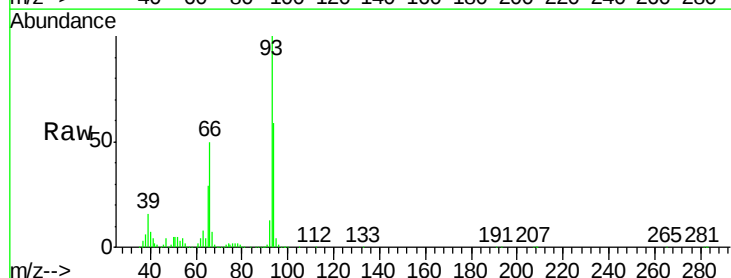
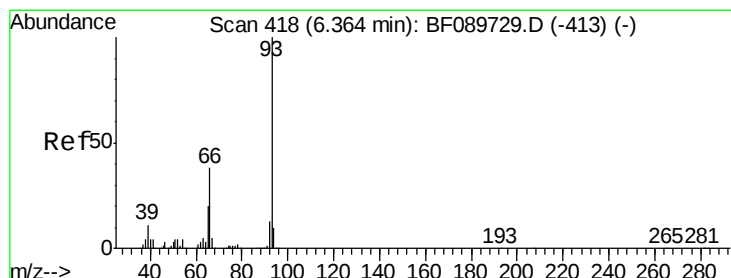
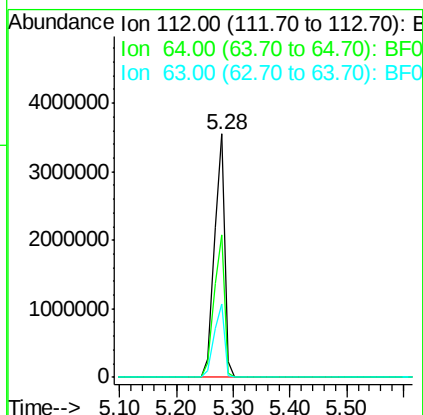
#5
2-Fluorophenol
Concen: 49.77 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion: 112 Resp: 4290937
Ion Ratio Lower Upper
112 100
64 58.6 45.0 67.4
63 30.0 23.1 34.7

Instrument :
BNA_F
ClientSampleId :
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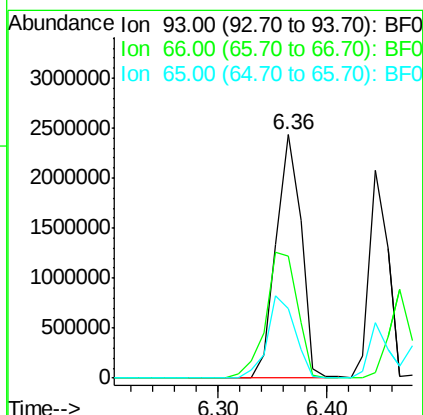
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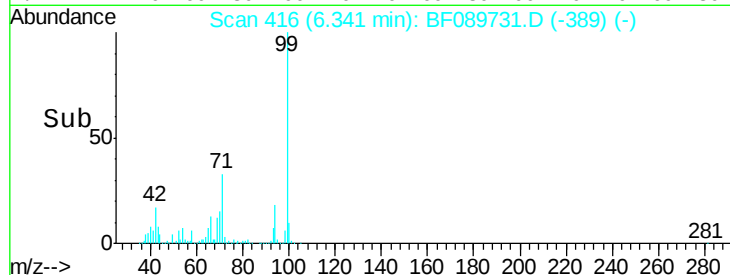
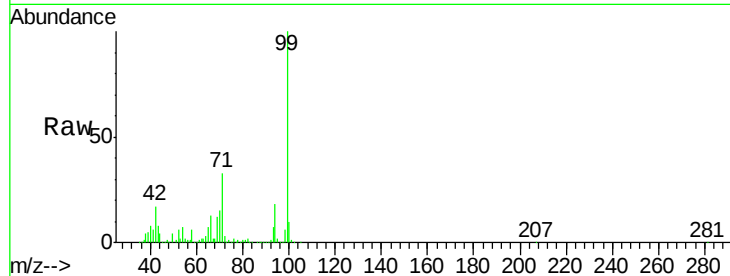
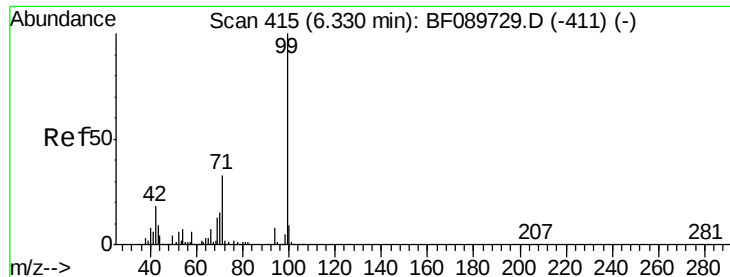
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#6
Aniline
Concen: 52.76 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion: 93 Resp: 3918852
Ion Ratio Lower Upper
93 100
66 50.3 30.6 46.0#
65 28.8 15.4 23.2#





#7

Phenol-d6

Concen: 52.95 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Tgt Ion: 99 Resp: 5691369

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.4

71 32.5 23.8 35.8

Instrument :

BNA_F

ClientSampleId :

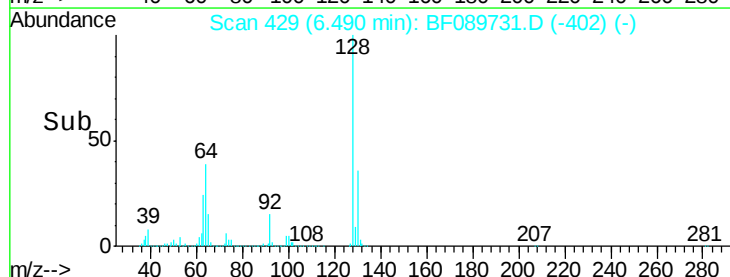
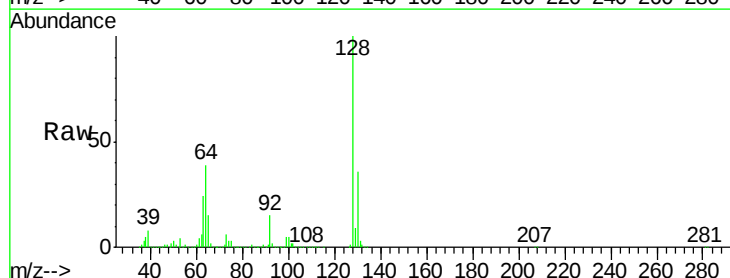
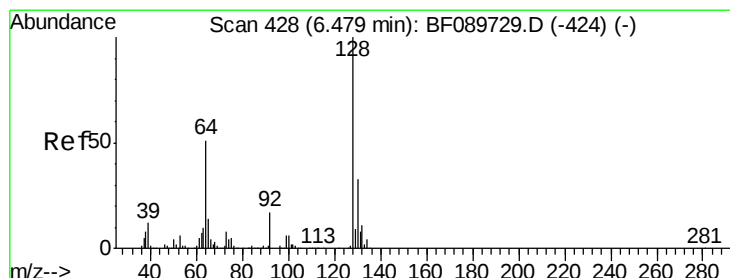
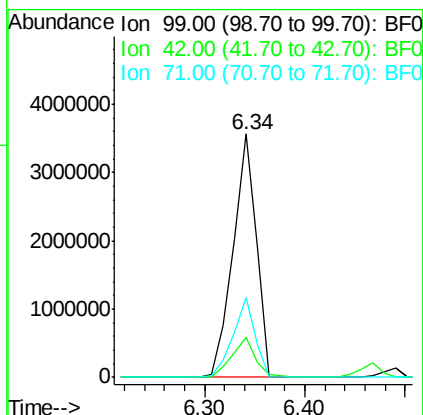
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#8

2-Chlorophenol

Concen: 60.64 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

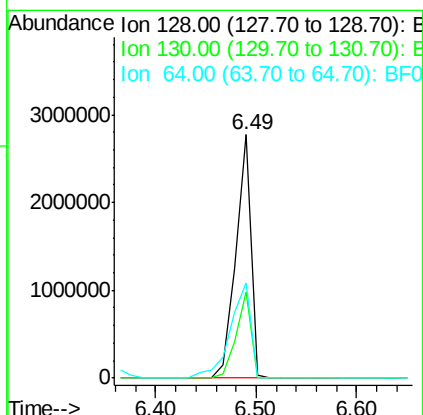
Tgt Ion: 128 Resp: 2884152

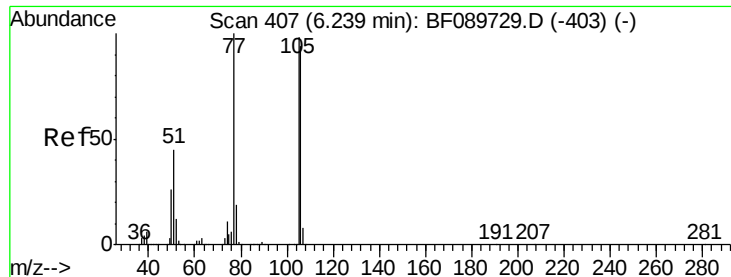
Ion Ratio Lower Upper

128 100

130 35.6 12.0 52.0

64 38.9 35.1 75.1





#9

Benzaldehyde

Concen: 54.42 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 1976792

Ion Ratio Lower Upper

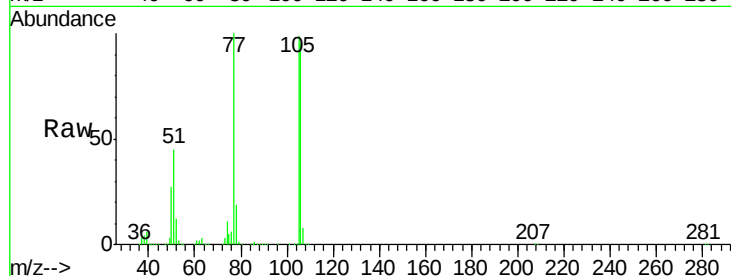
77 100

105 98.9 73.3 113.3

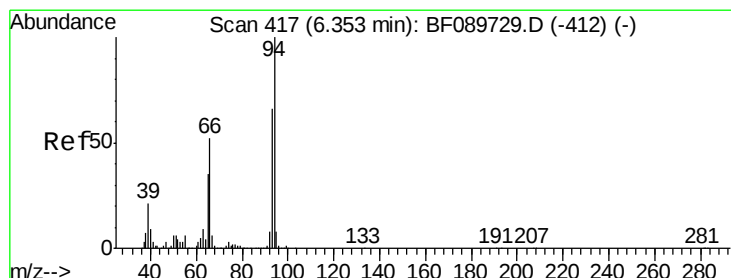
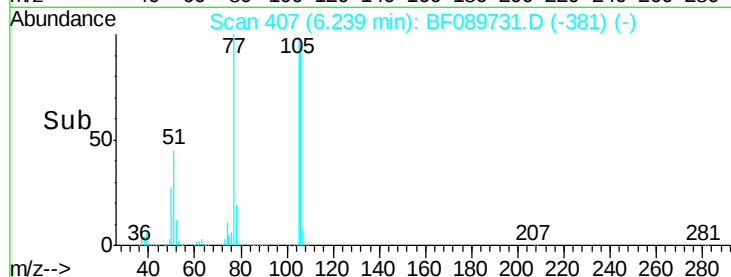
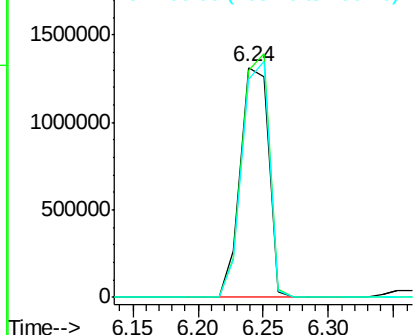
106 95.1 68.6 108.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.07 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

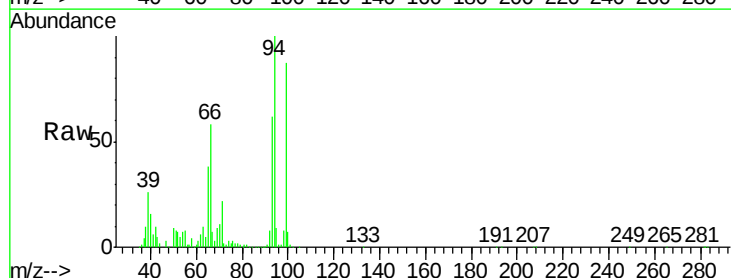
Tgt Ion: 94 Resp: 3168638

Ion Ratio Lower Upper

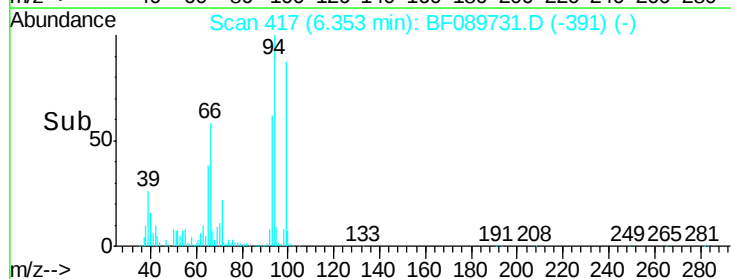
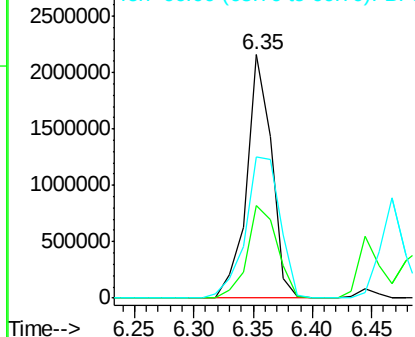
94 100

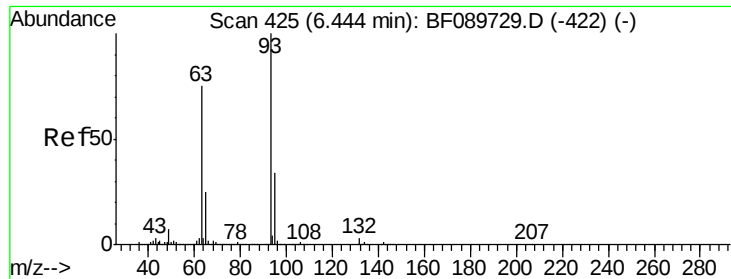
65 38.3 14.0 54.0

66 58.2 31.2 71.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





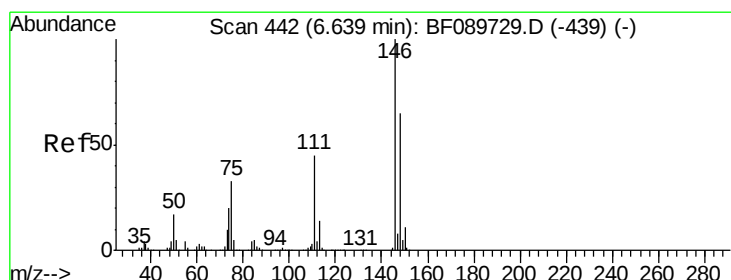
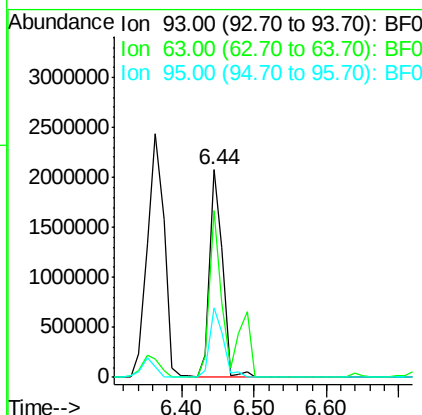
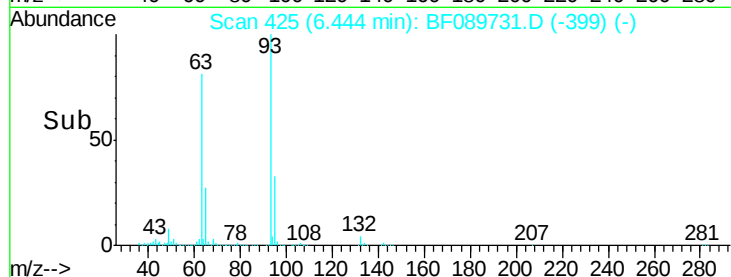
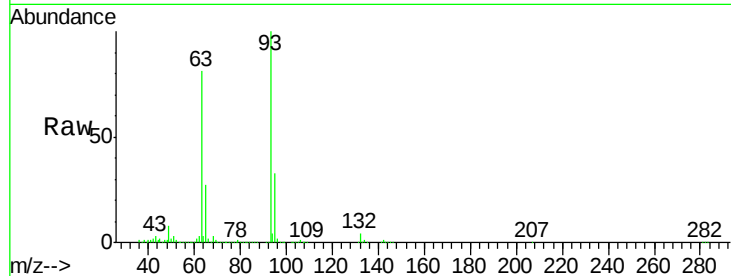
#11
bis(2-Chloroethyl)ether
Concen: 53.67 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 2534046
Ion Ratio Lower Upper
93 100
63 80.5 55.8 95.8
95 33.4 13.0 53.0

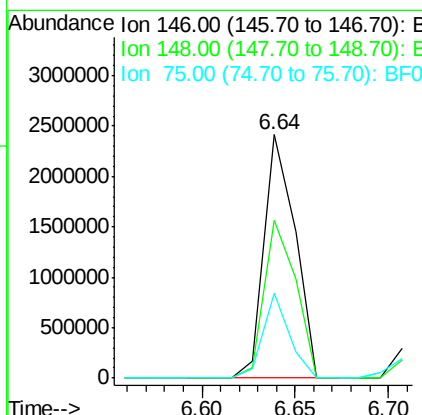
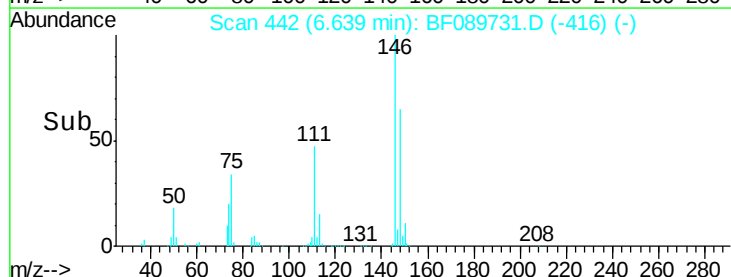
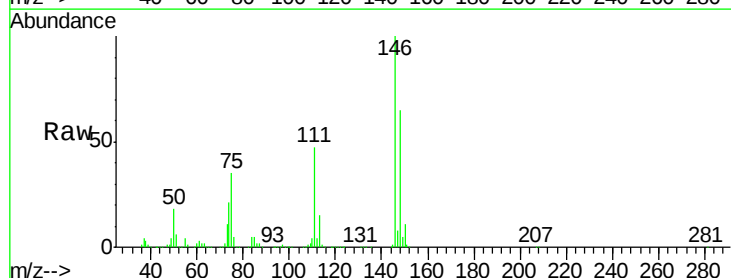
Manual Integrations
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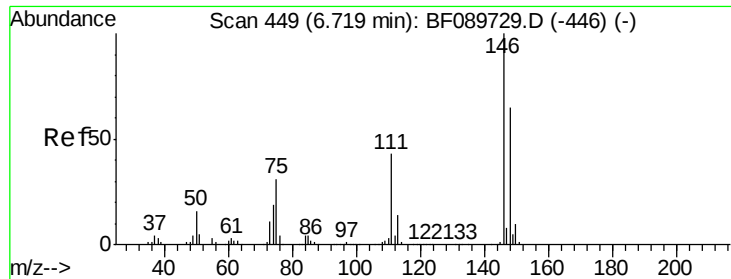
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#12
1,3-Dichlorobenzene
Concen: 53.88 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion: 146 Resp: 2774272
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
75 34.8 27.0 40.6





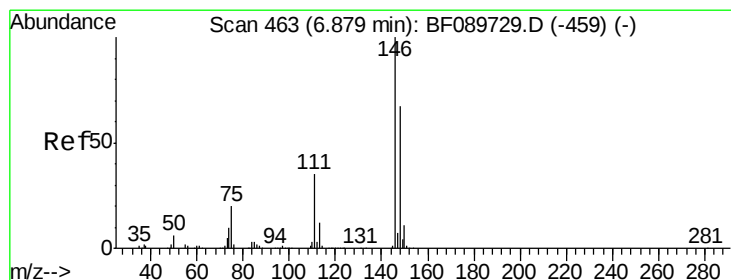
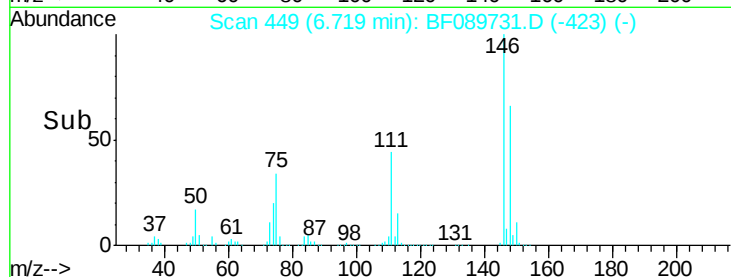
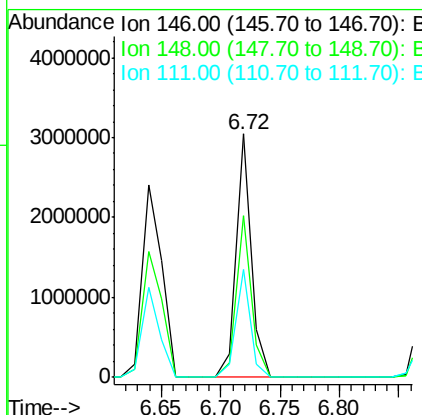
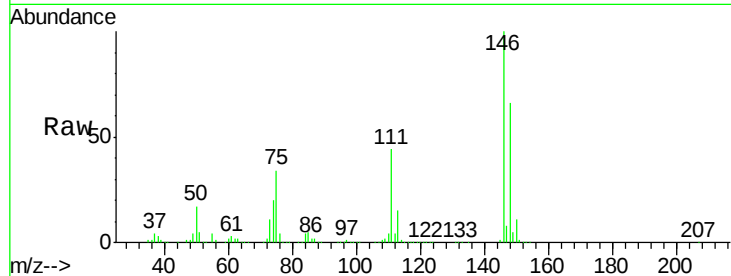
#13
 1,4-Dichlorobenzene
 Concen: 52.17 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:146 Resp: 2702396
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.0 76.6
 111 44.4 34.6 52.0

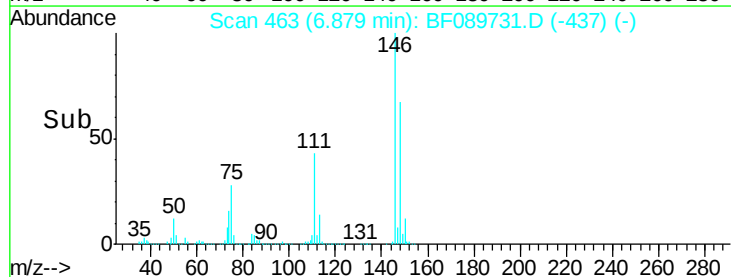
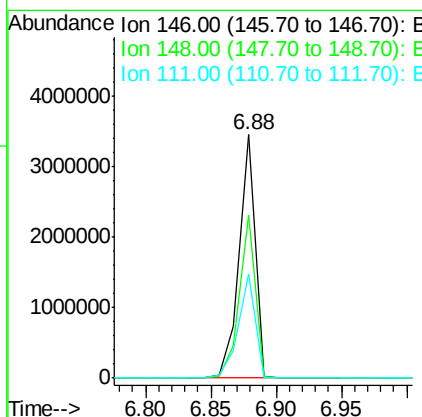
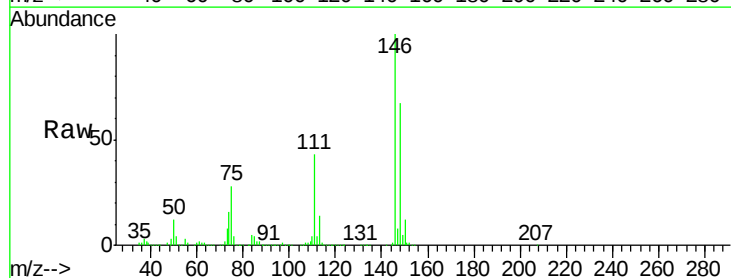
Manual Integrations
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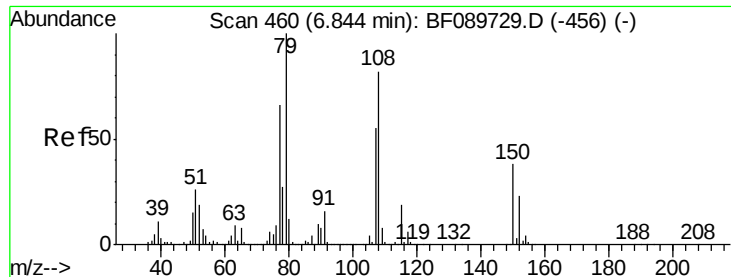
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#14
 1,2-Dichlorobenzene
 Concen: 58.84 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion:146 Resp: 2912682
 Ion Ratio Lower Upper
 146 100
 148 66.9 52.2 78.2
 111 43.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 52.46 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 2025547

Ion Ratio Lower Upper

79 100

108 88.4 62.5 93.7

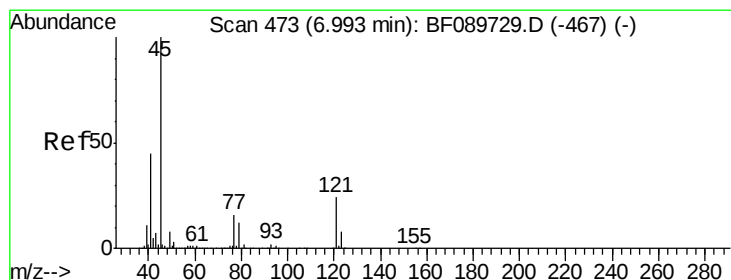
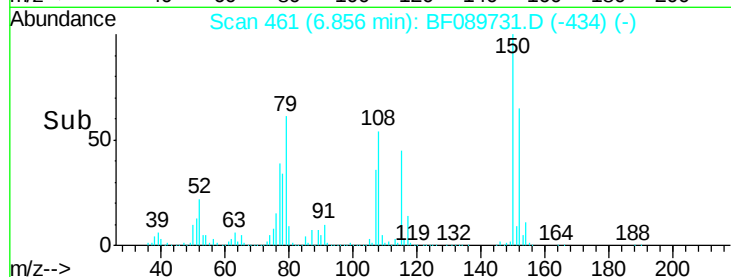
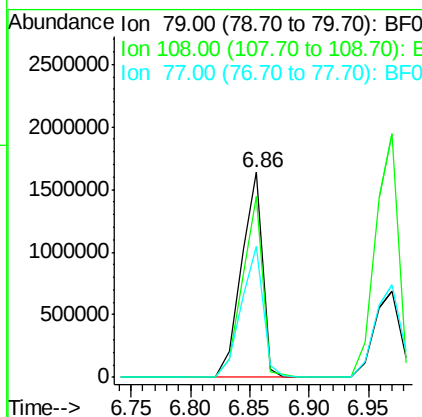
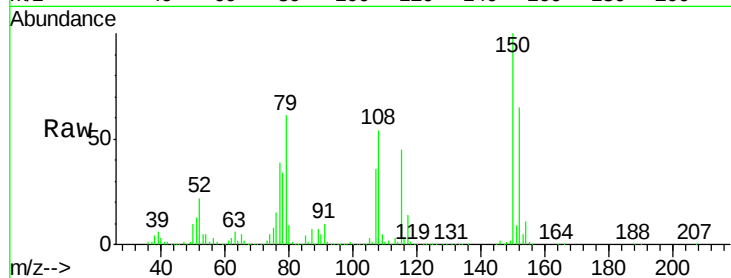
77 64.2 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.11 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

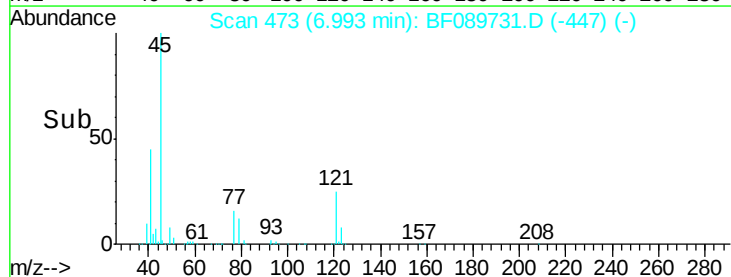
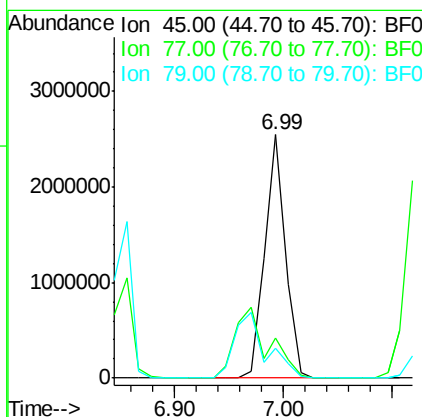
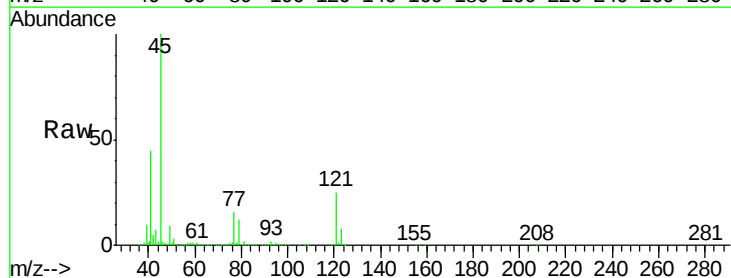
Tgt Ion: 45 Resp: 3384418

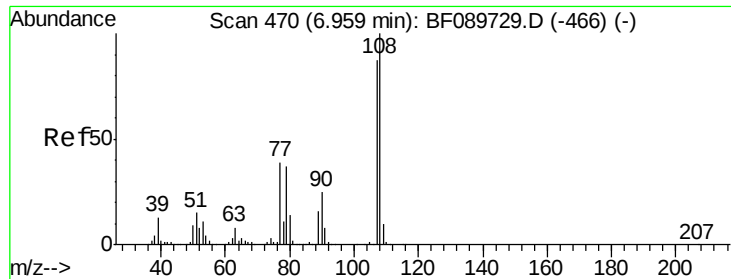
Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.5

79 12.5 0.0 30.7





#17

2-Methylphenol

Concen: 56.80 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 2251555

Ion Ratio Lower Upper

107 100

108 114.5 91.0 136.4

77 43.4 37.4 56.0

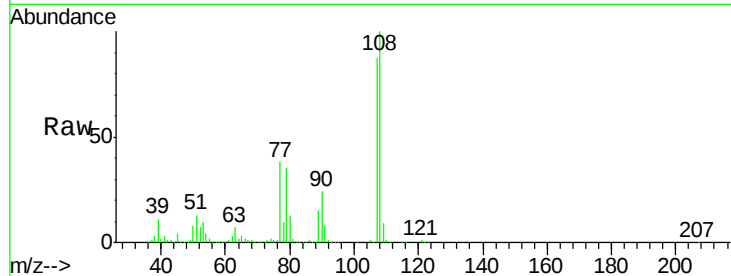
79 40.3 36.6 55.0

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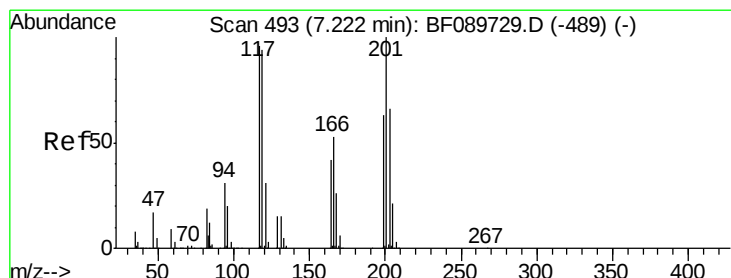
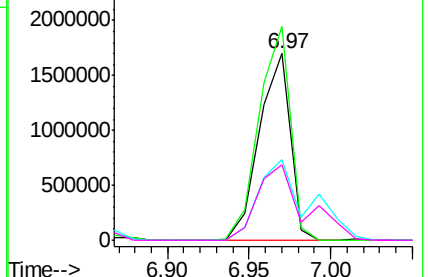
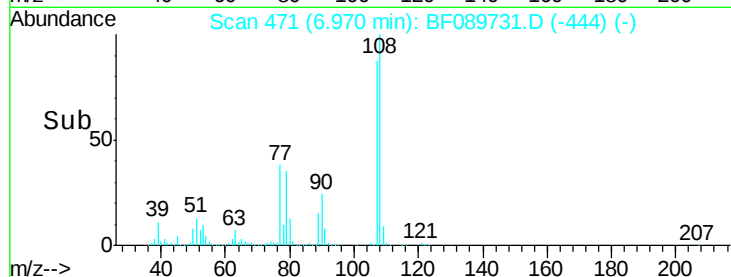


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 60.04 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

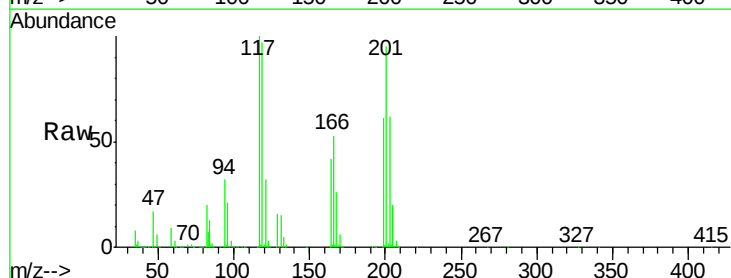
Tgt Ion:117 Resp: 1163833

Ion Ratio Lower Upper

117 100

119 96.6 77.1 115.7

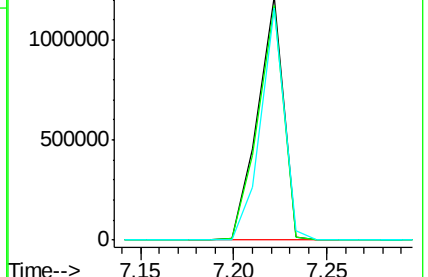
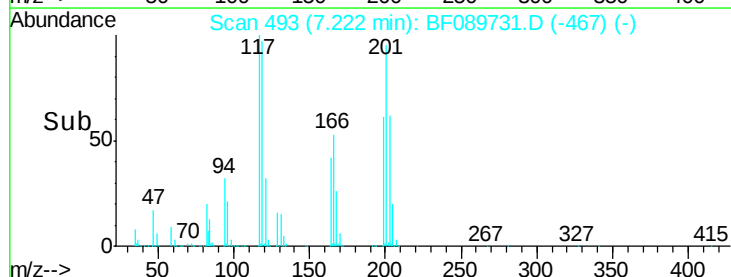
201 95.2 76.9 115.3

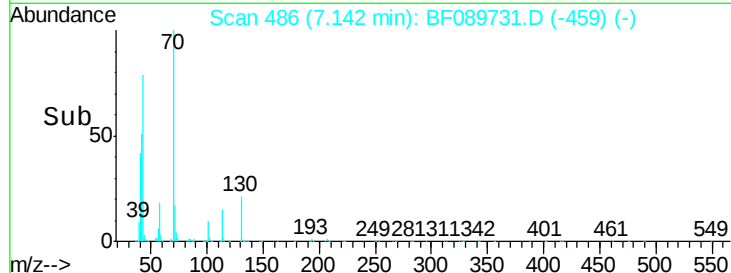
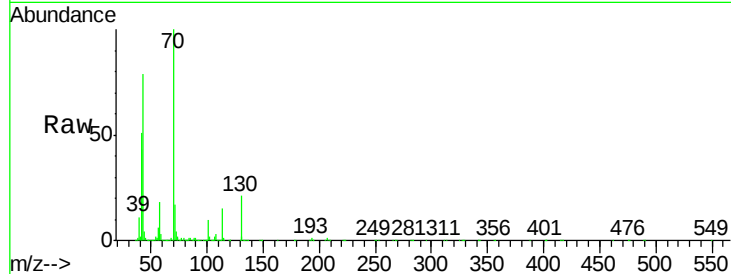
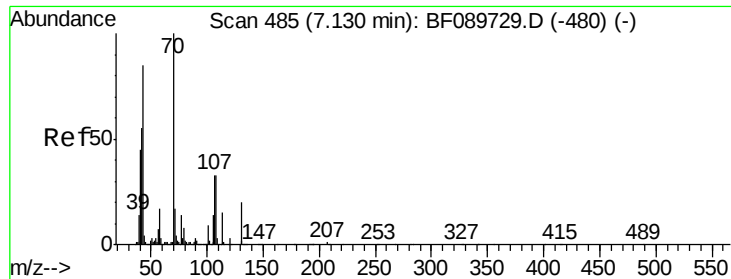


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





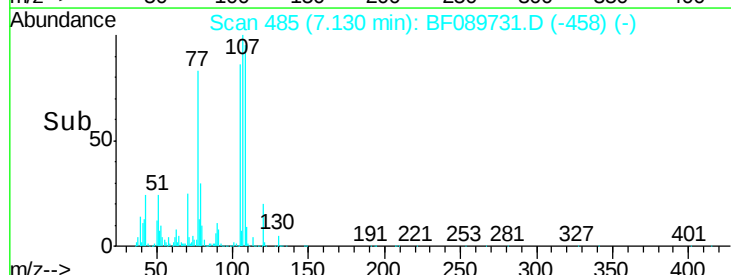
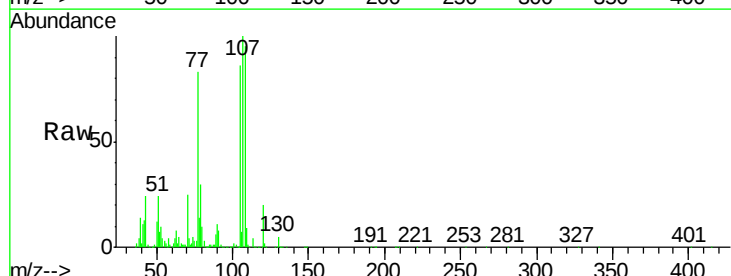
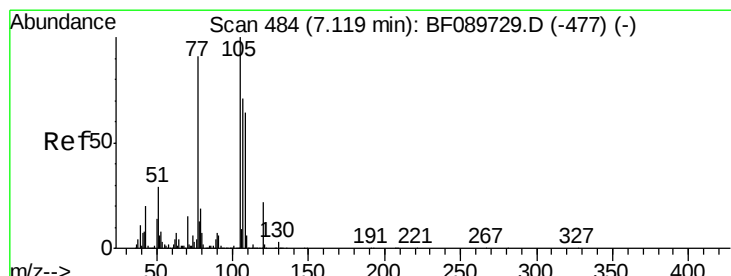
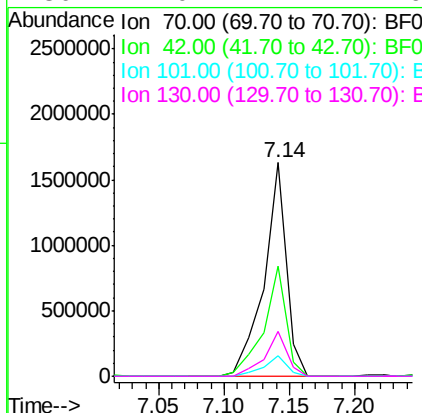
#19
n-Nitroso-di-n-propylamine
Concen: 56.24 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.3	46.3	69.5
101	9.5	7.0	10.6
130	21.0	14.4	21.6

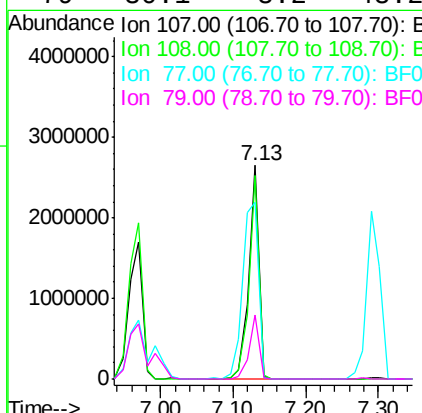
Manual Integrations
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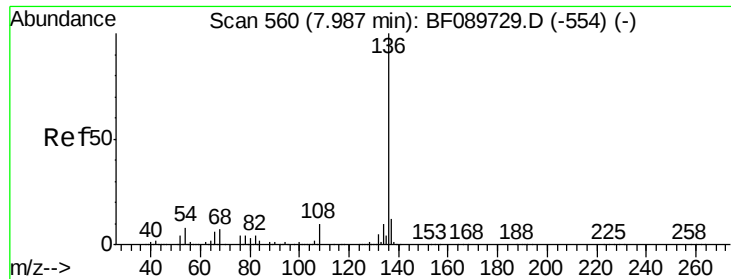
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#20
3+4-Methylphenols
Concen: 52.78 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	82.8	122.3	162.3#
79	30.1	8.2	48.2





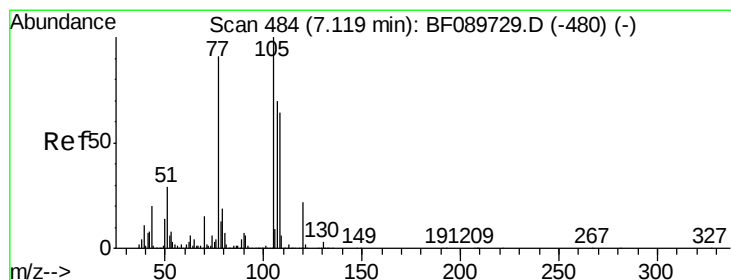
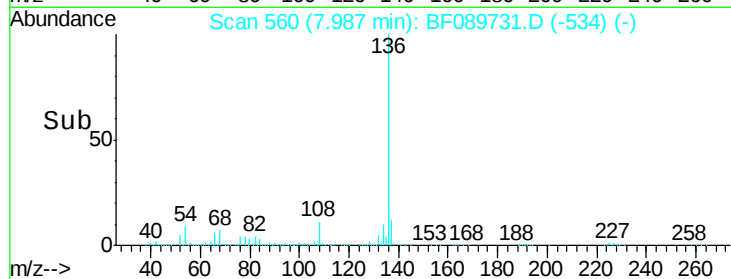
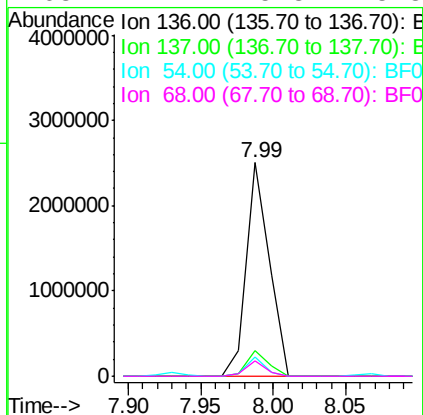
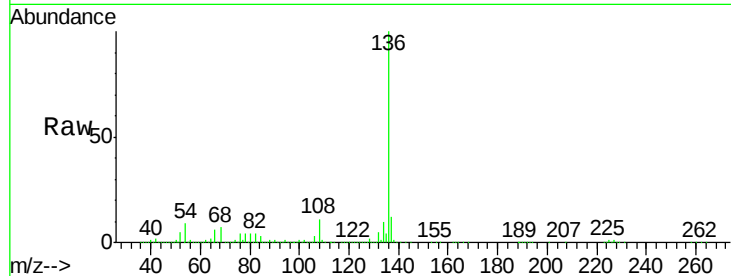
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	8.7	7.2	10.8
68	7.4	5.8	8.8

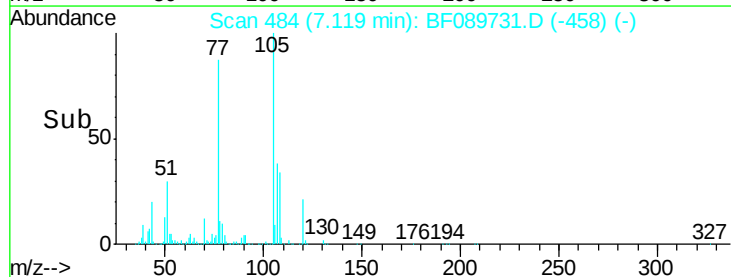
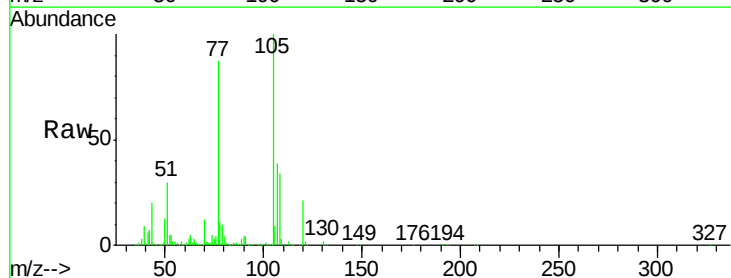
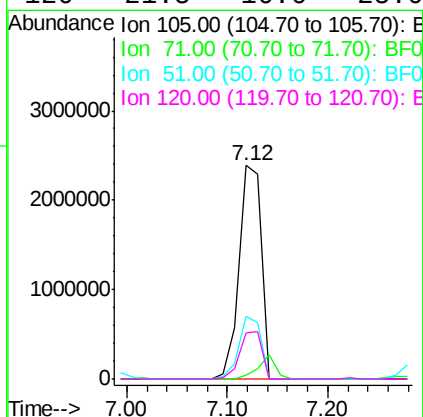
Manual Integrations
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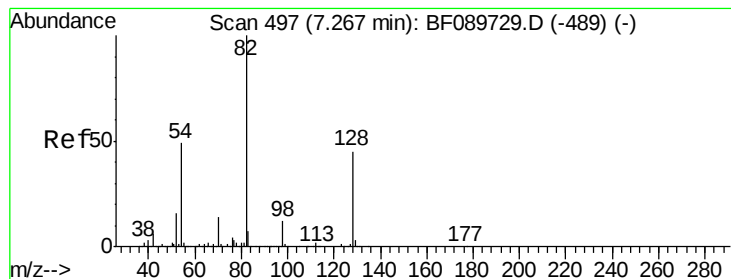
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#22
Acetophenone
Concen: 55.71 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.9	2.9
51	29.6	28.5	42.7
120	21.5	16.6	25.0





#23

Nitrobenzene-d5

Concen: 58.86 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 5332449

Ion Ratio Lower Upper

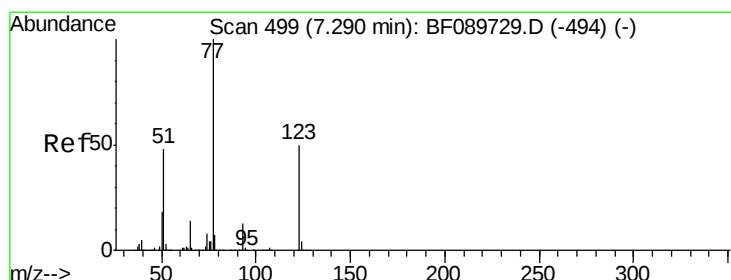
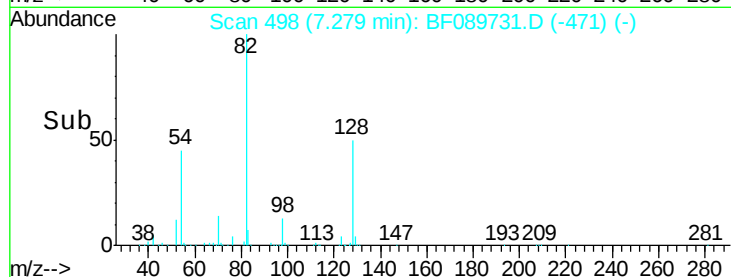
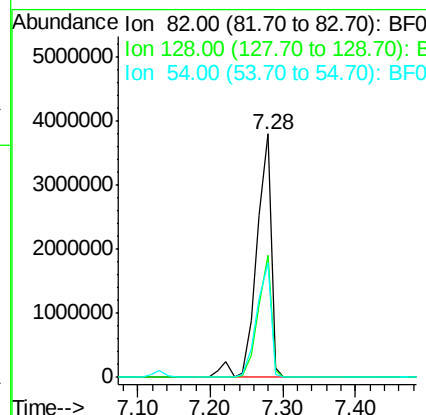
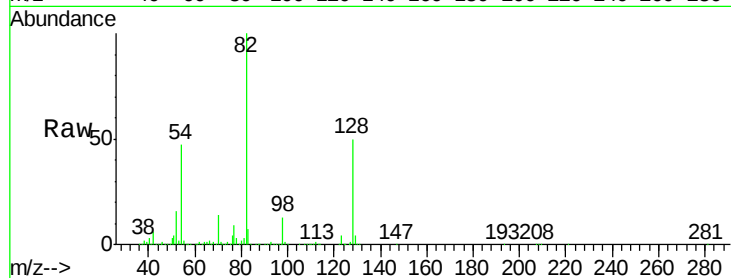
82 100

128 50.3 34.4 51.6

54 47.2 40.3 60.5

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#24

Nitrobenzene

Concen: 55.02 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

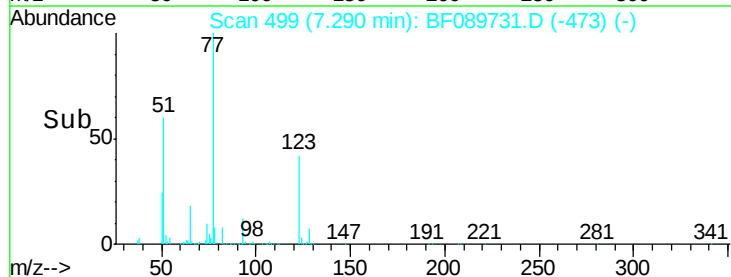
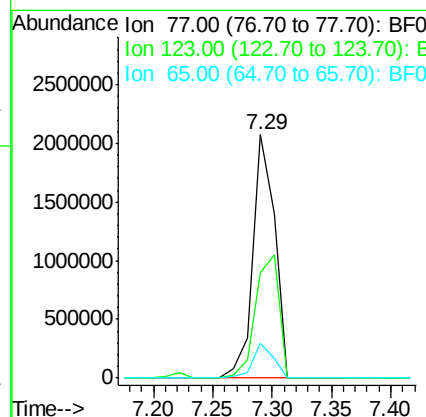
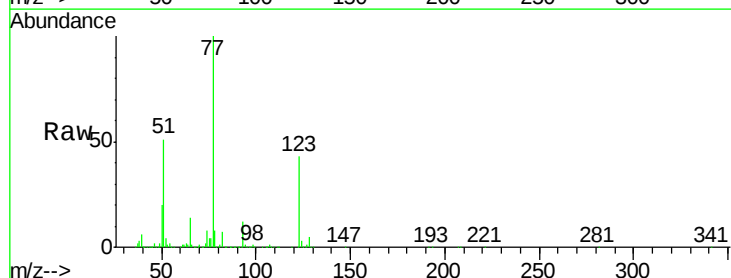
Tgt Ion: 77 Resp: 2675355

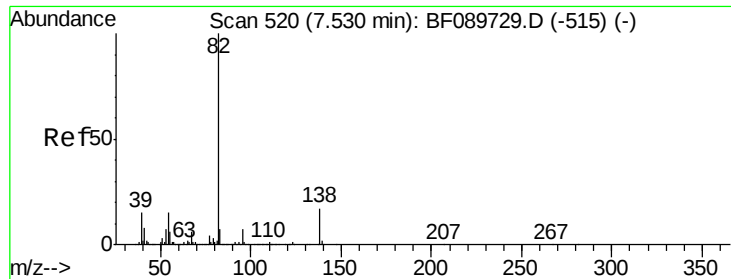
Ion Ratio Lower Upper

77 100

123 43.3 36.2 54.2

65 14.2 10.6 15.8





#25

Isophorone

Concen: 58.95 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

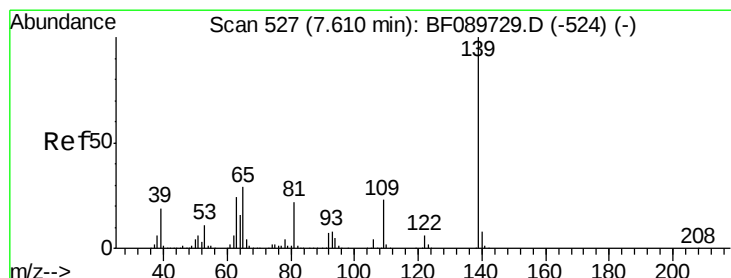
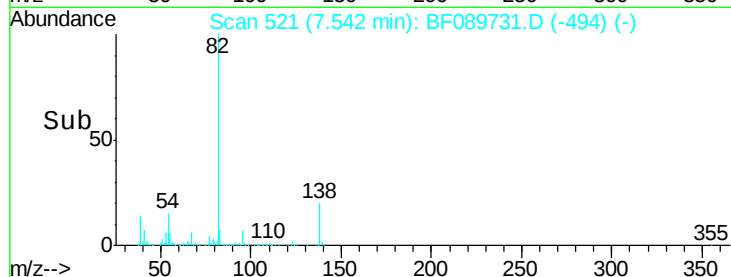
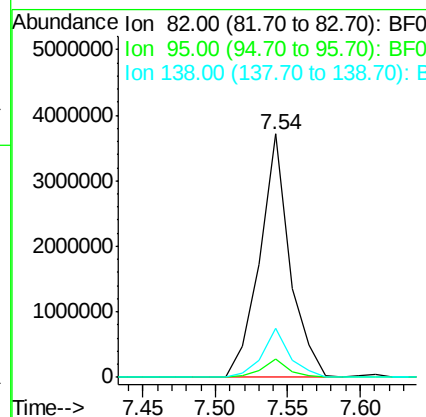
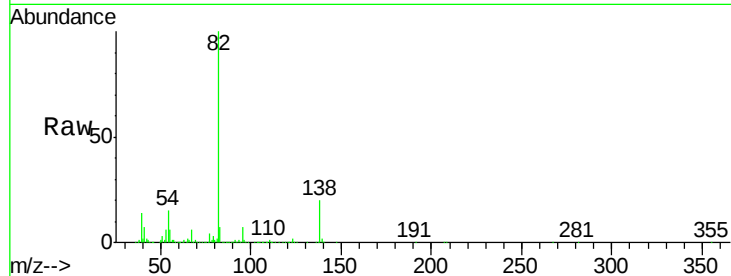
ClientSampleId :

SSTDICC060

Tgt Ion:	82	Resp:	5340385
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	20.1	13.0	19.4

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#26

2-Nitrophenol

Concen: 72.27 ng

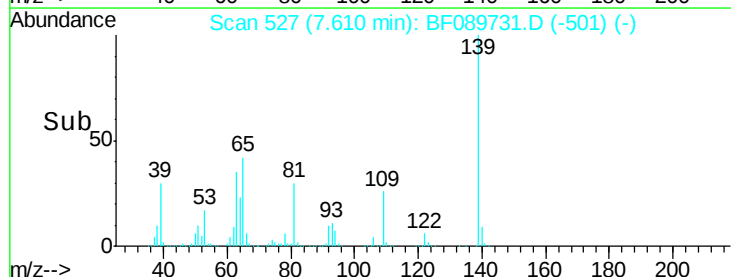
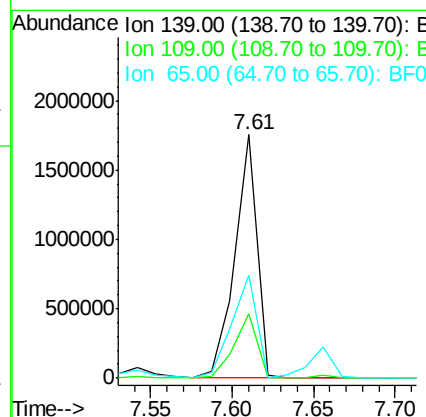
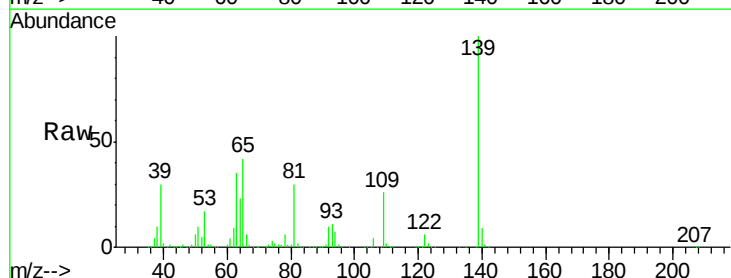
RT: 7.61 min Scan# 527

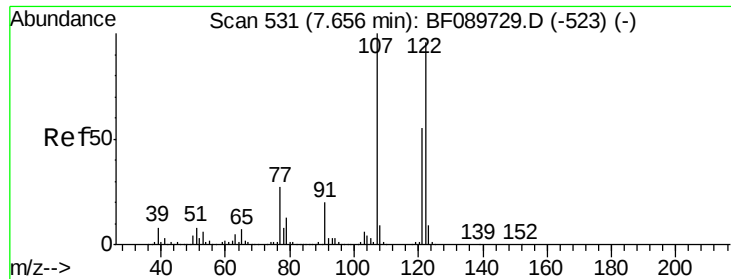
Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Tgt Ion:	139	Resp:	1629014
Ion Ratio	Lower	Upper	
139	100		
109	26.5	19.5	29.3
65	42.2	26.5	39.7





#27

2,4-Dimethylphenol

Concen: 55.47 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

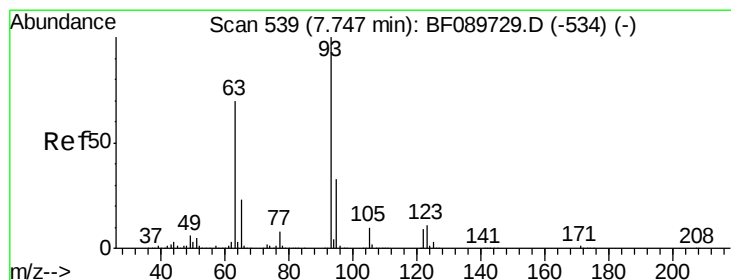
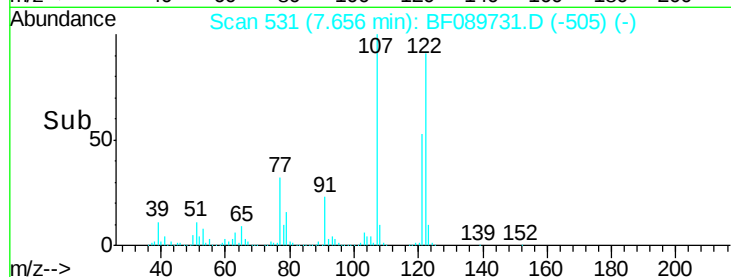
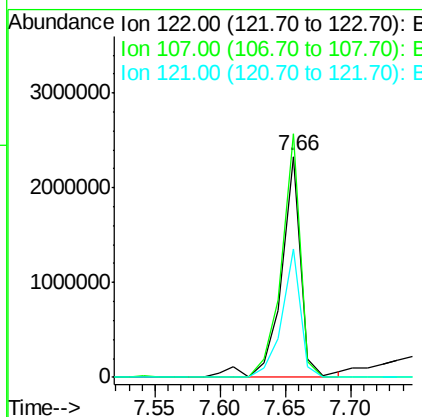
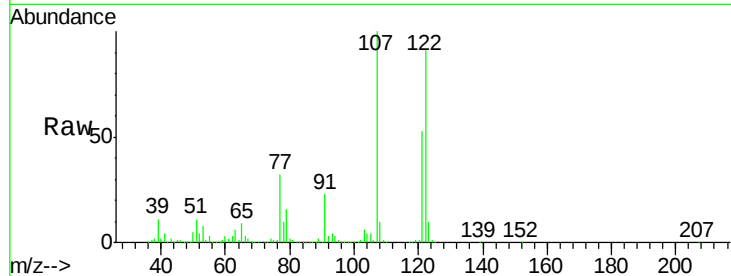
ClientSampleId :

SSTDIC060

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.3	84.8	127.2
121	58.1	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 60.11 ng

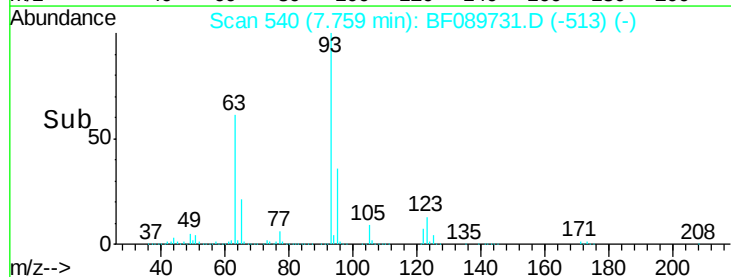
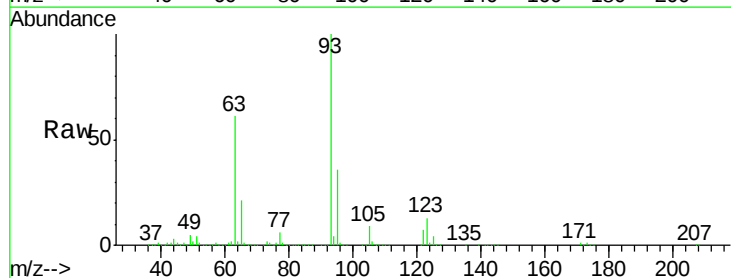
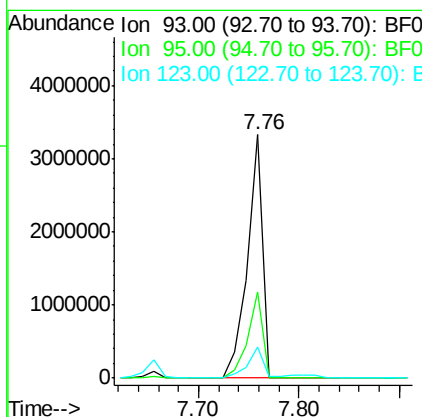
RT: 7.76 min Scan# 540

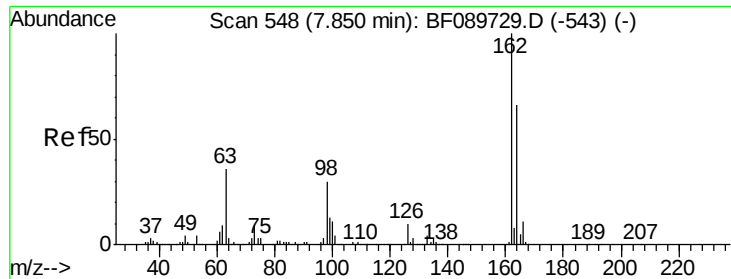
Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.6	25.5	38.3
123	13.1	8.5	12.7





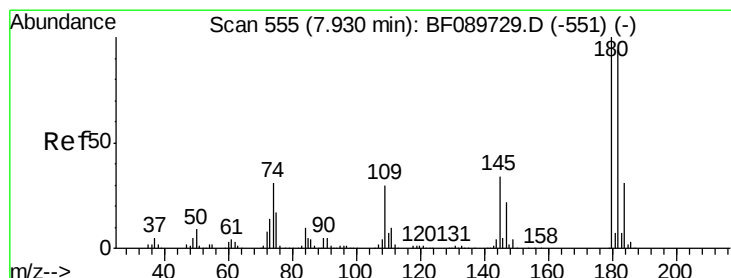
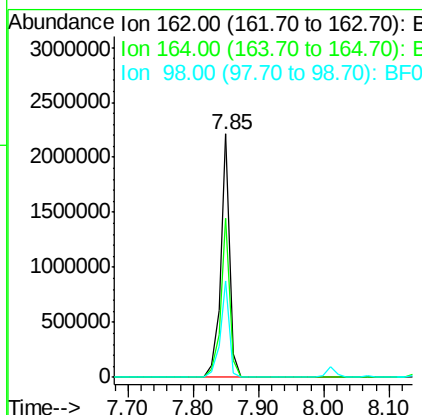
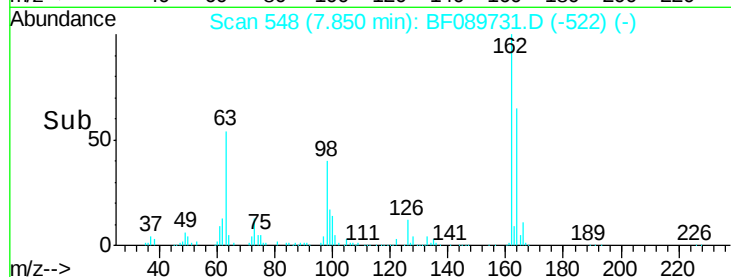
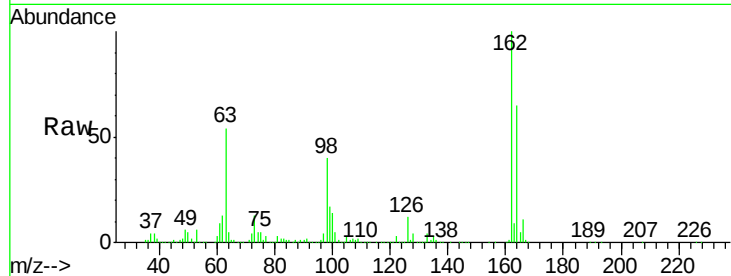
#29
2,4-Dichlorophenol
Concen: 56.87 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.5	85.5
98	39.8	12.4	52.4

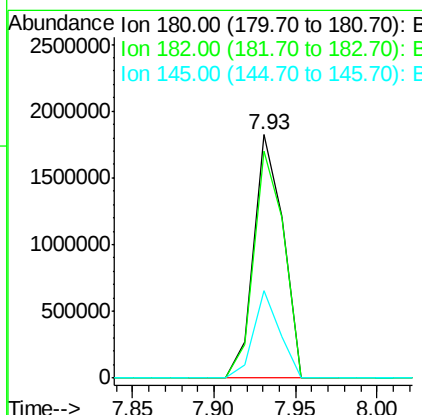
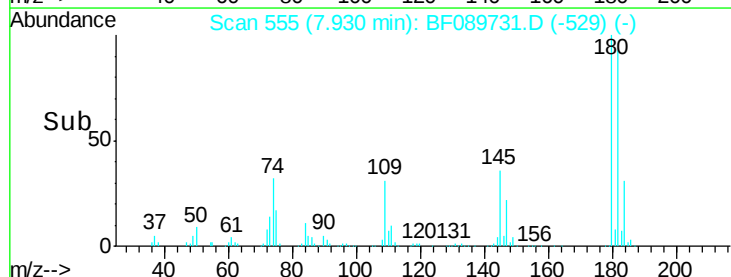
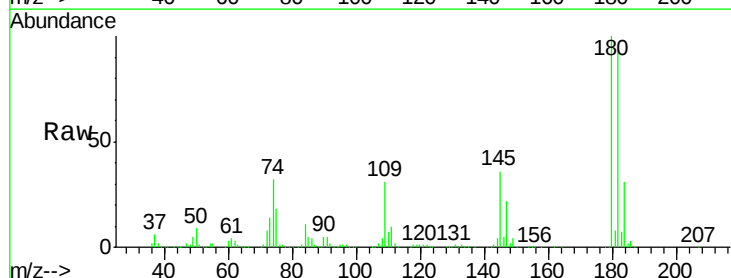
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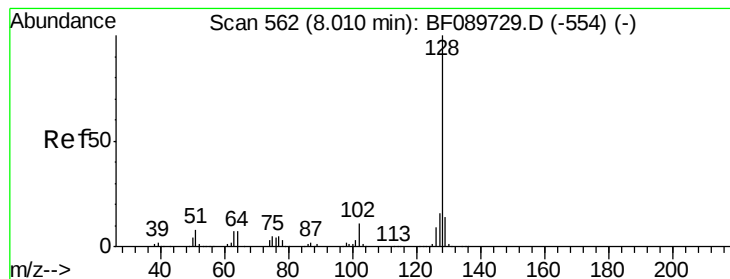
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#30
1,2,4-Trichlorobenzene
Concen: 56.62 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.5	113.3
145	35.7	28.7	43.1





#31

Naphthalene

Concen: 51.97 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:128 Resp: 6419328

Ion Ratio Lower Upper

128 100

129 14.5 9.5 14.3#

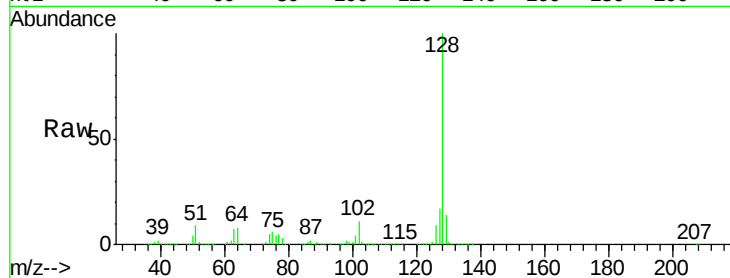
127 16.5 11.3 16.9

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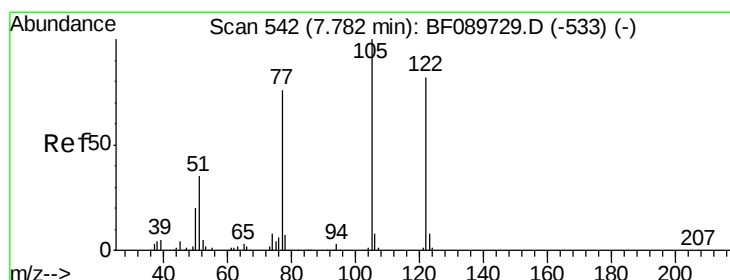
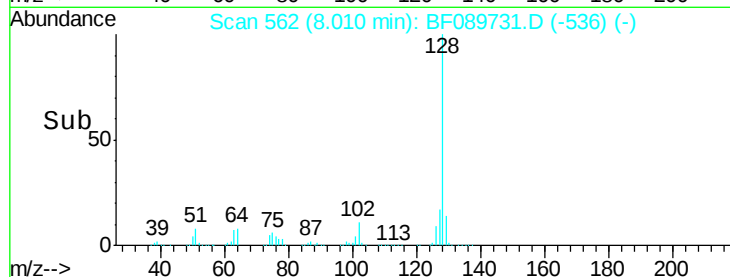
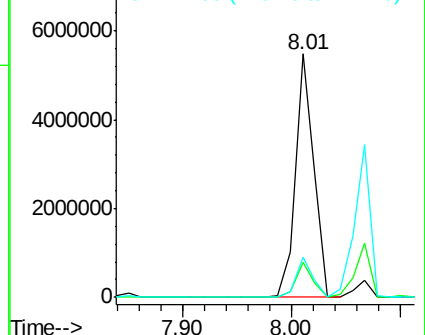
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 79.44 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.03 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

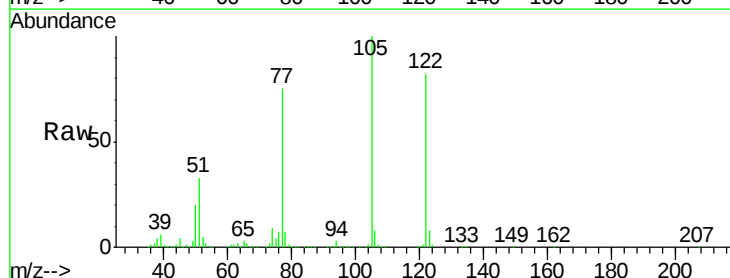
Tgt Ion:122 Resp: 2282786

Ion Ratio Lower Upper

122 100

105 121.7 100.8 140.8

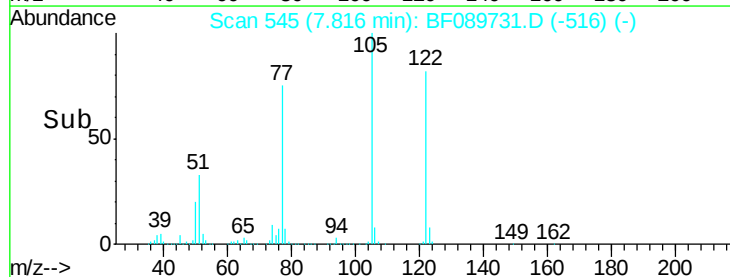
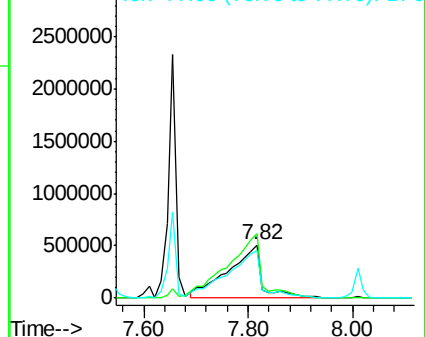
77 91.0 72.1 112.1

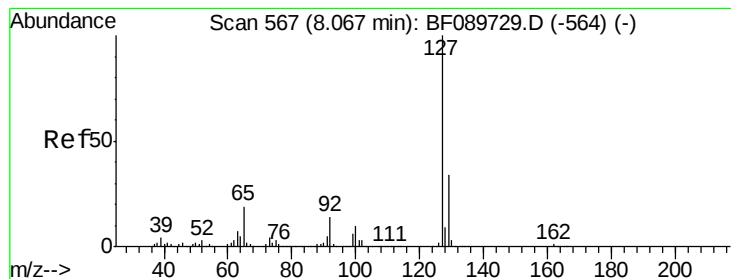


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





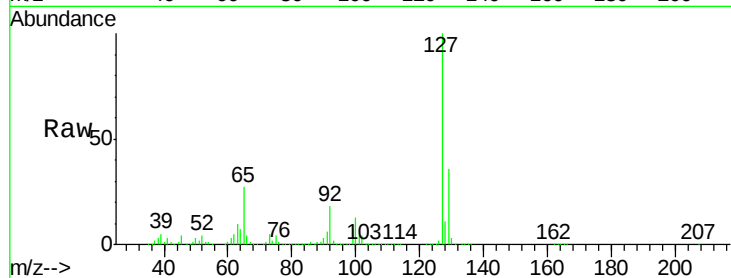
#33
4-Chloroaniline
Concen: 59.01 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

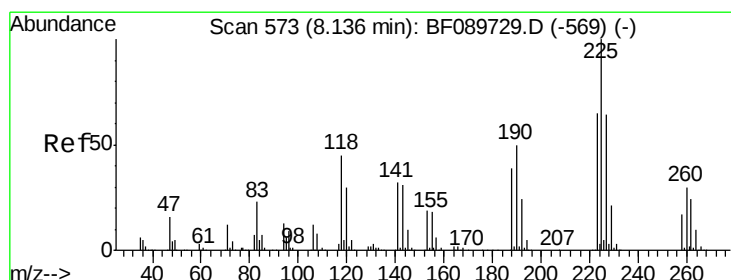
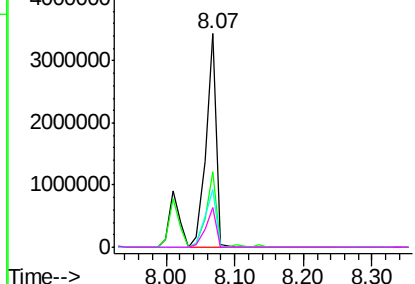
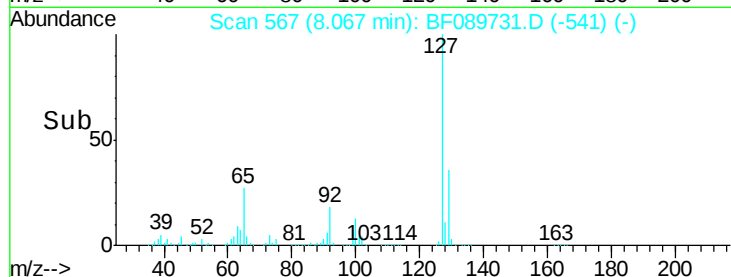
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.0	40.6
65	27.1	14.7	22.1#
92	18.3	11.7	17.5#

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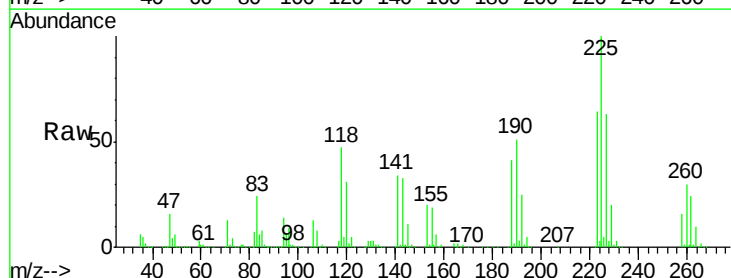


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

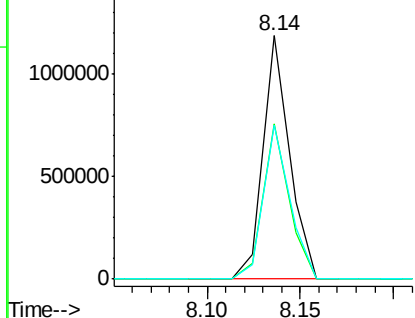
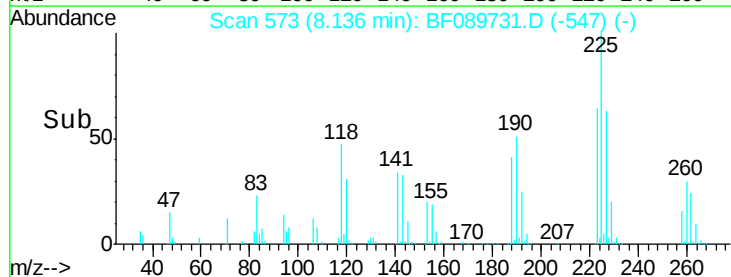


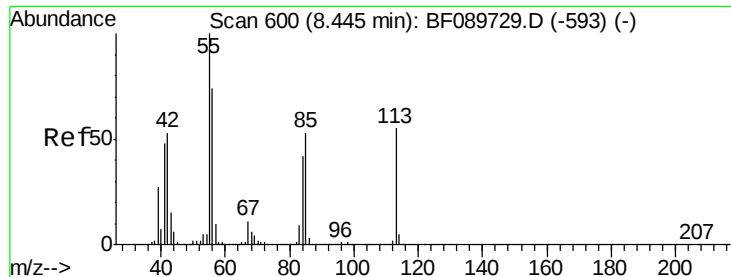
#34
Hexachlorobutadiene
Concen: 56.46 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.2	49.8	74.6



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





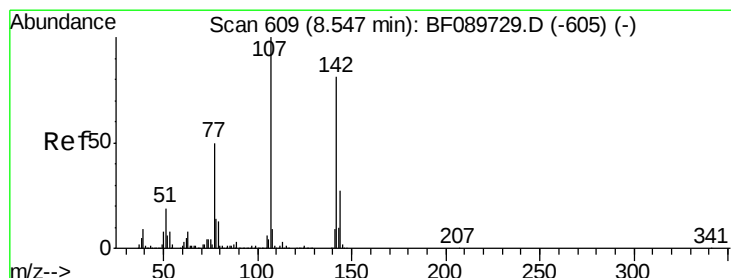
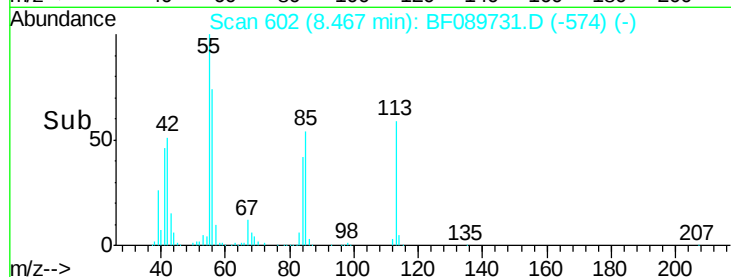
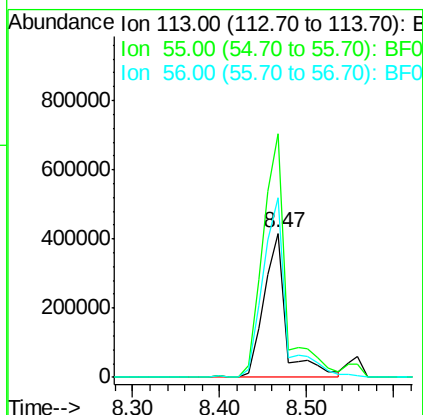
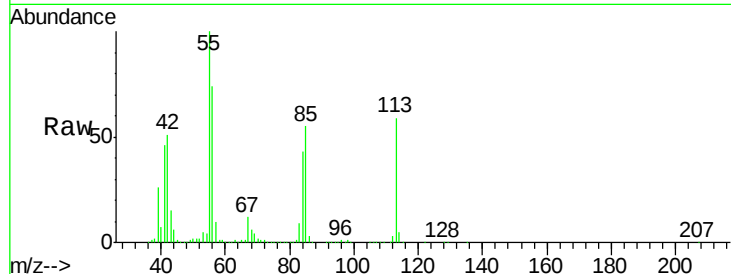
#35
 Caprolactam
 Concen: 62.70 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.02 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
113	100		
55	169.0	135.9	175.9
56	124.9	93.9	133.9

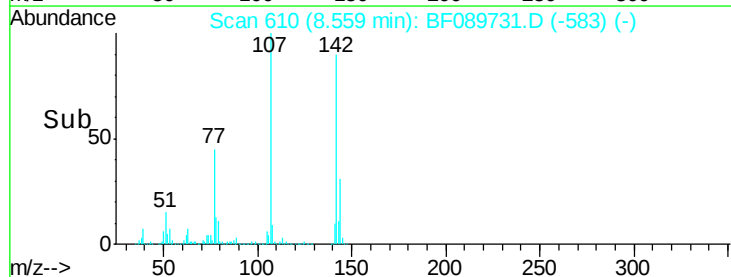
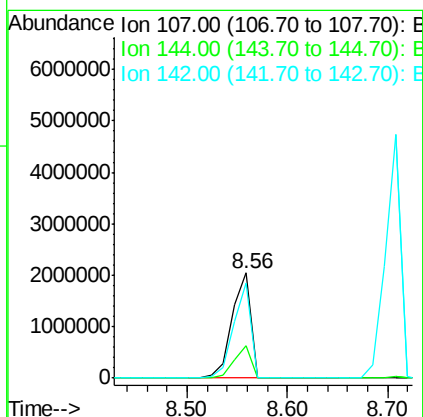
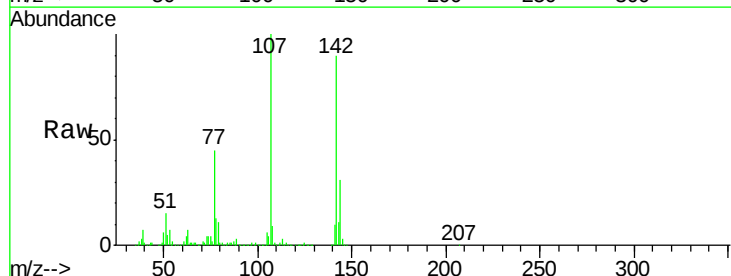
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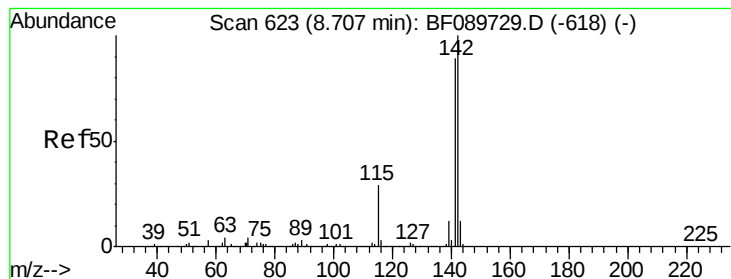
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#36
 4-Chloro-3-methylphenol
 Concen: 66.03 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.9	22.6	34.0
142	90.4	69.3	103.9





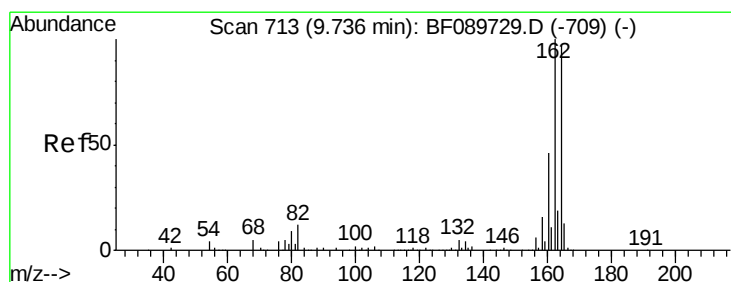
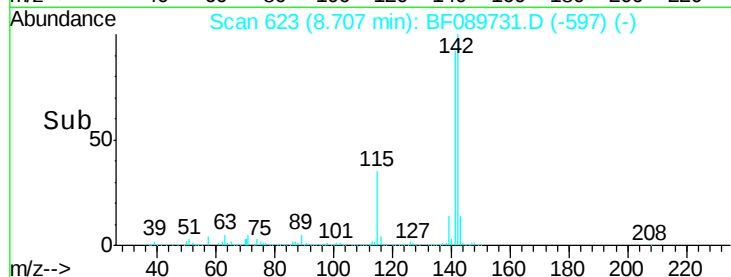
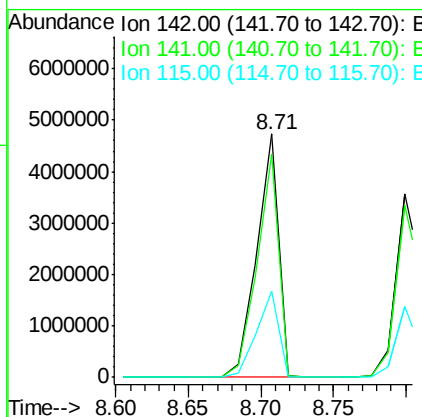
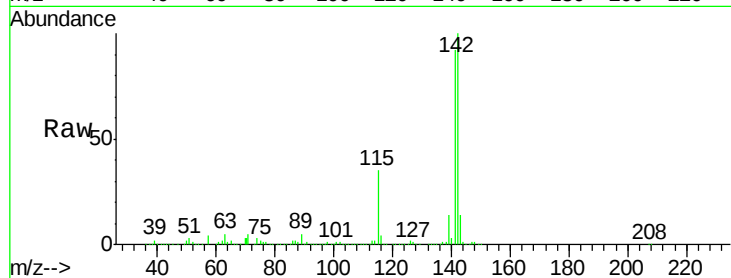
#37
2-Methylnaphthalene
Concen: 57.73 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:142 Resp: 4924618
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.2
115 35.4 22.7 34.1#

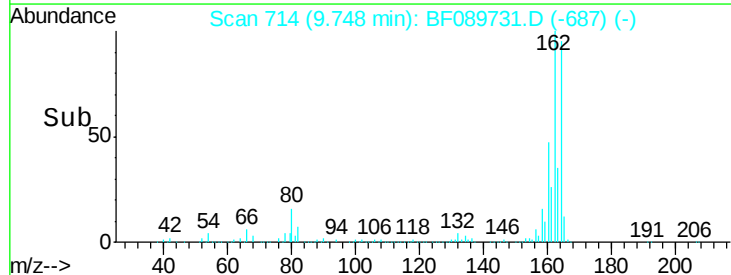
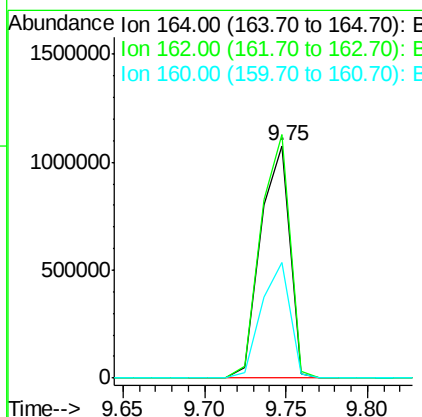
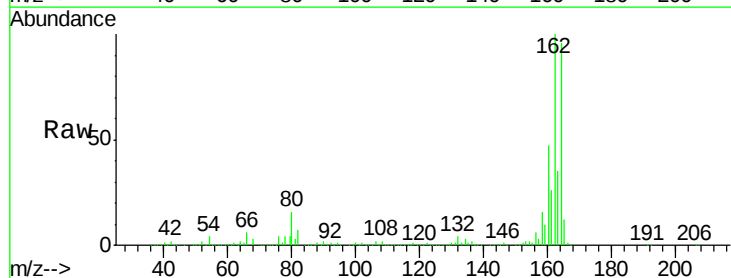
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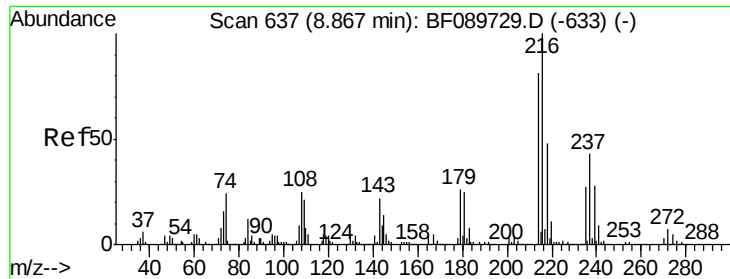
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion:164 Resp: 1340391
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.2
160 49.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 63.41 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 2376839

Ion Ratio Lower Upper

216 100

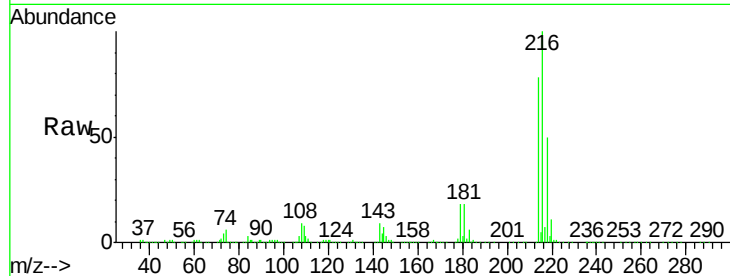
214 79.4 63.5 95.3

179 22.0 19.9 29.9

108 19.3 19.9 29.9#

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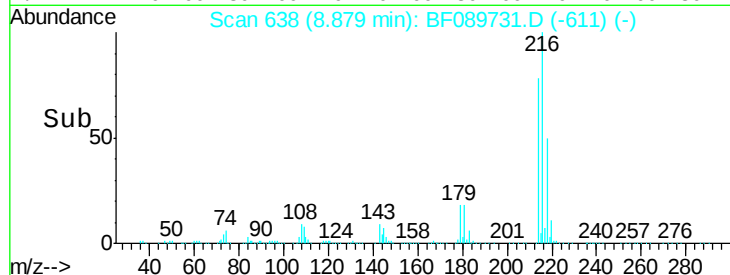


Abundance Ion 216.00 (215.70 to 216.70): E

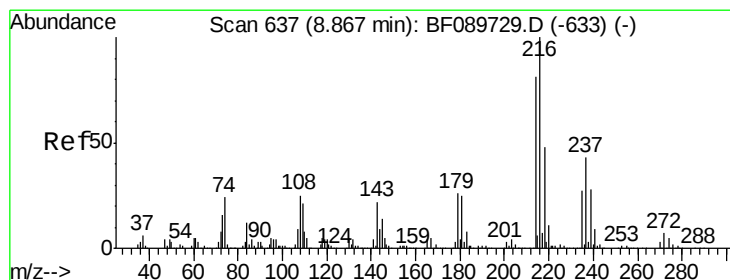
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 56.17 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

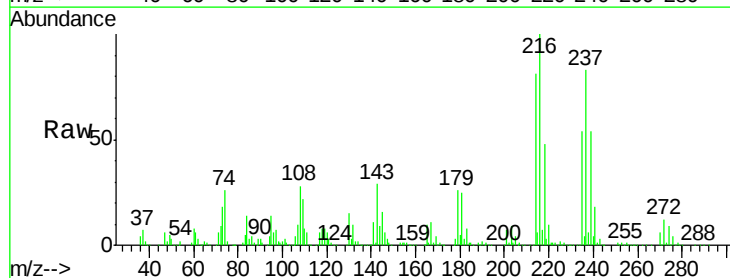
Tgt Ion:237 Resp: 1162930

Ion Ratio Lower Upper

237 100

235 64.5 43.7 83.7

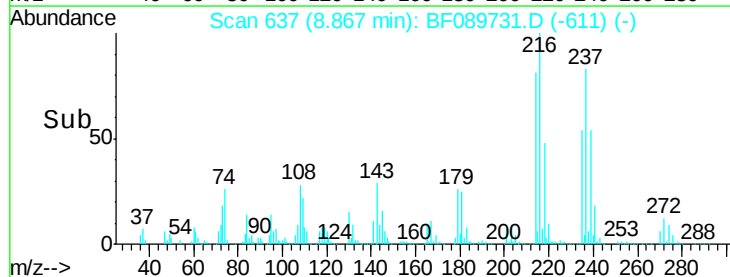
272 14.1 0.0 31.6



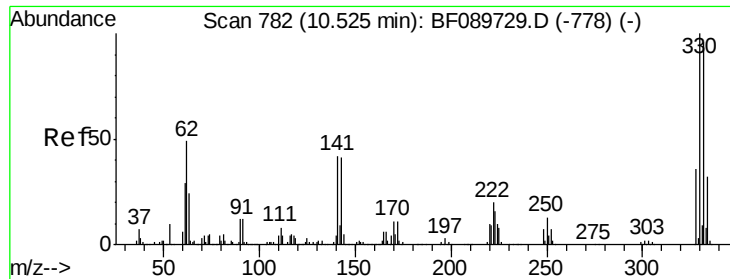
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



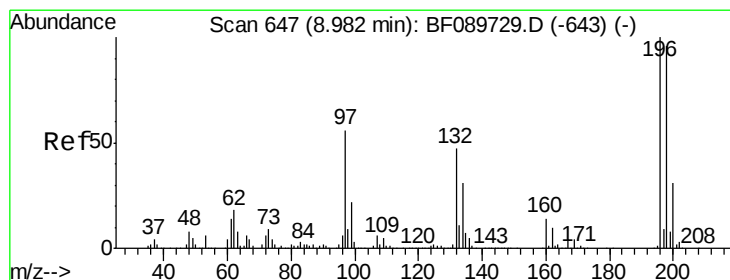
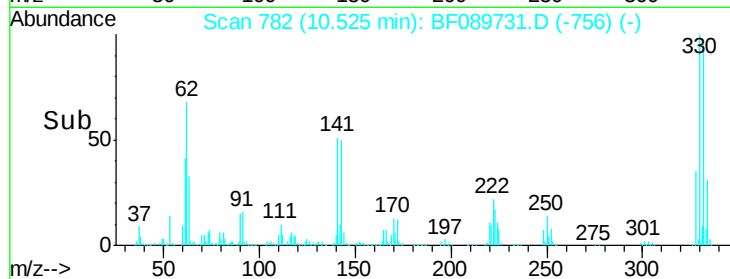
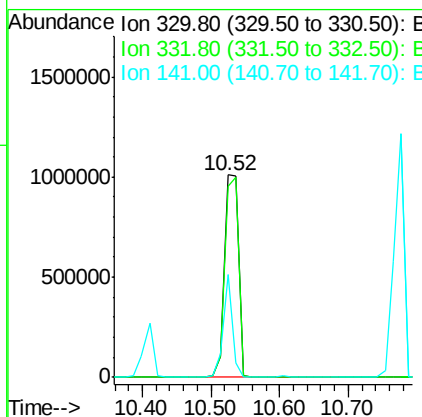
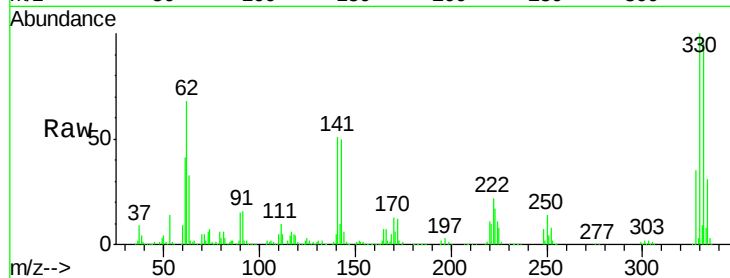
#41
 2,4,6-Tribromophenol
 Concen: 55.67 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:330 Resp: 1481569
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.7 115.1
 141 33.4 30.2 45.2

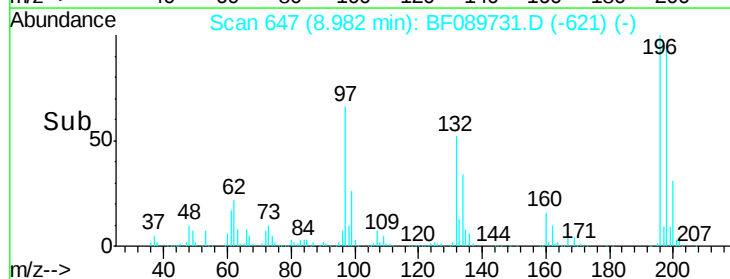
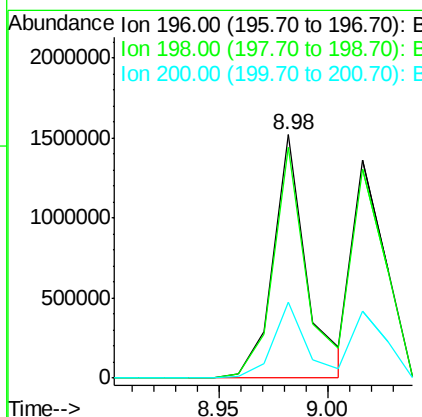
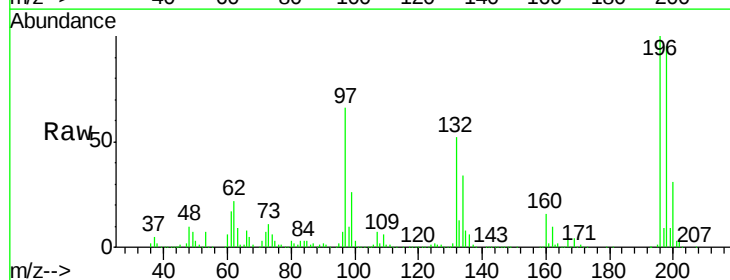
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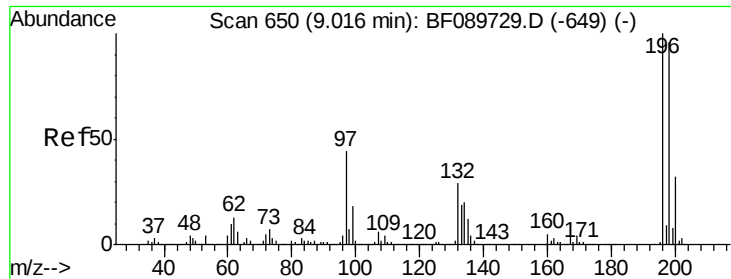
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#42
 2,4,6-Trichlorophenol
 Concen: 60.77 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion:196 Resp: 1633990
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 30.9 24.6 36.8





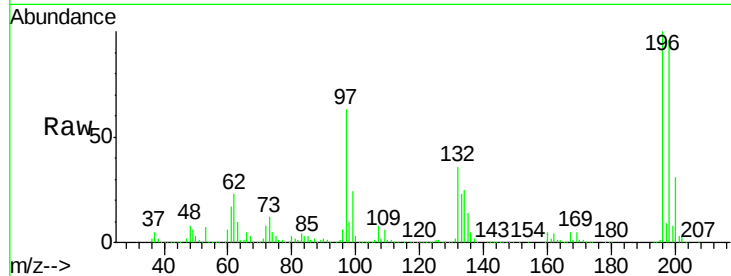
#43
2,4,5-Trichlorophenol
Concen: 55.09 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

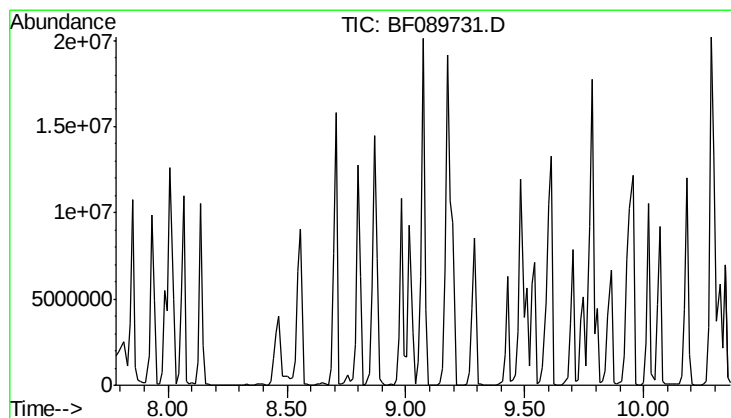
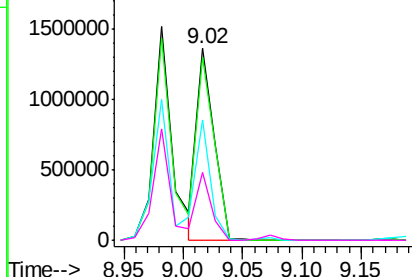
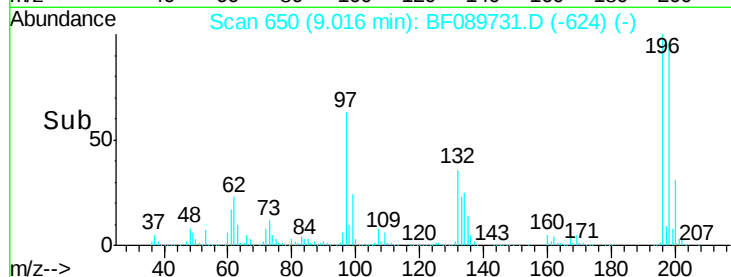
Tgt Ion: 196 Resp: 1410786
Ion Ratio Lower Upper
196 100
198 95.6 76.6 114.8
97 63.0 35.8 53.8#
132 35.7 23.5 35.3#

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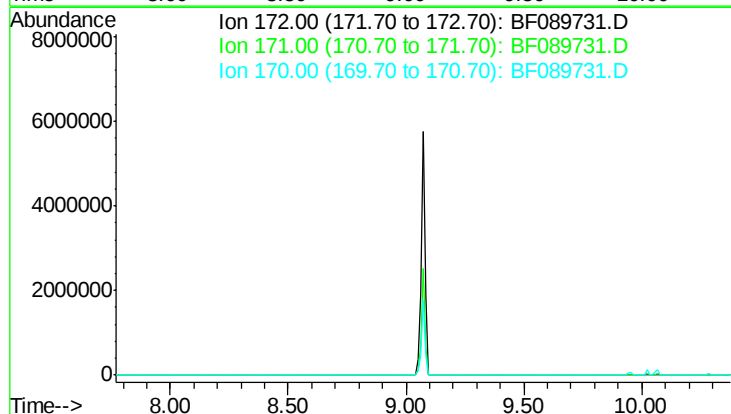
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

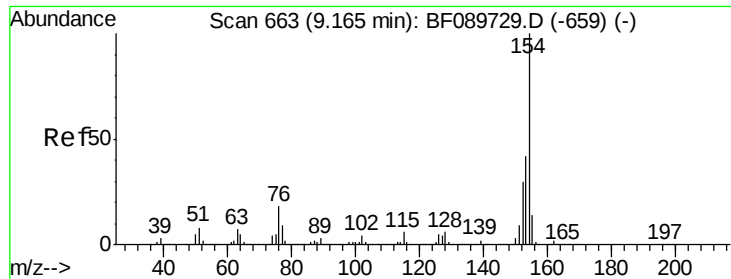


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.07 min

Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion: 172
Sig Exp Ratio
172 100
171 38.1
170 25.8





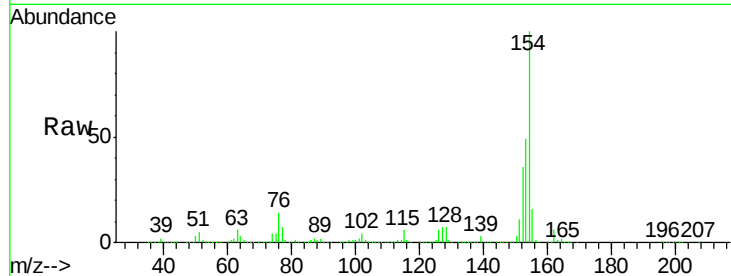
#45
 1,1'-Biphenyl
 Concen: 49.56 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

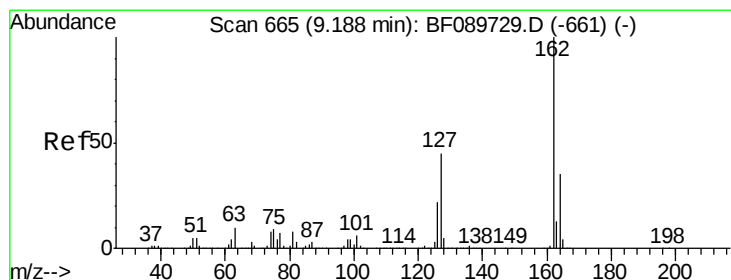
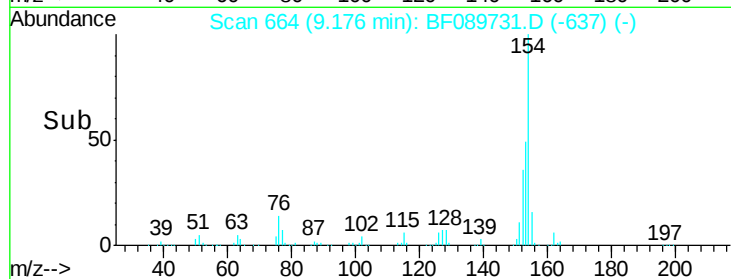
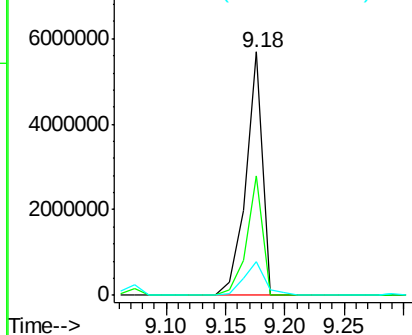
Tgt Ion:154 Resp: 5502584
 Ion Ratio Lower Upper
 154 100
 153 49.1 21.5 61.5
 76 14.0 0.0 36.7

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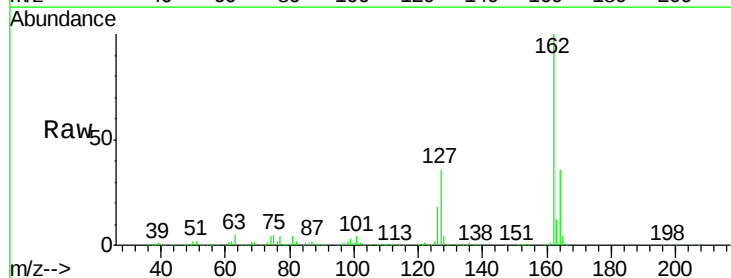


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

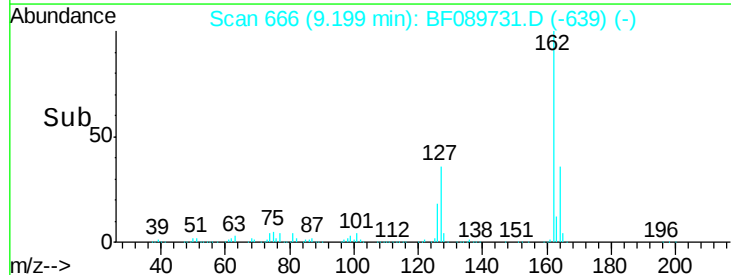
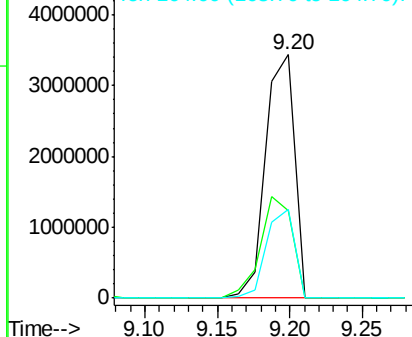


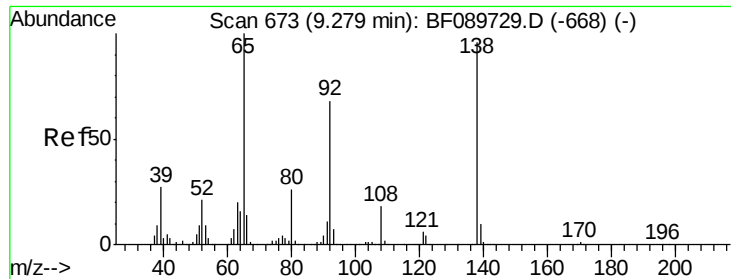
#46
 2-Chloronaphthalene
 Concen: 58.99 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion:162 Resp: 4749671
 Ion Ratio Lower Upper
 162 100
 127 36.1 35.5 53.3
 164 36.2 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 64.58 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 65 Resp: 1681309

Ion Ratio Lower Upper

65 100

92 74.3 56.3 84.5

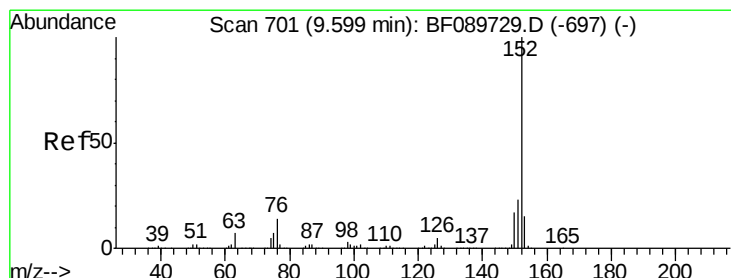
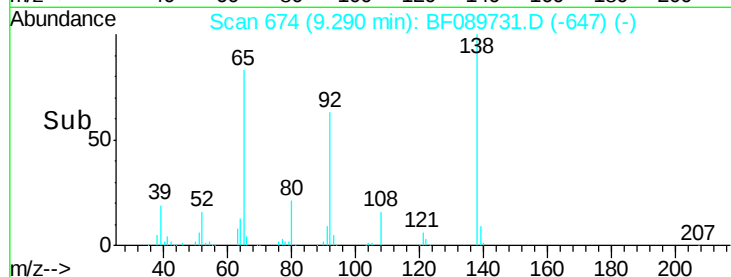
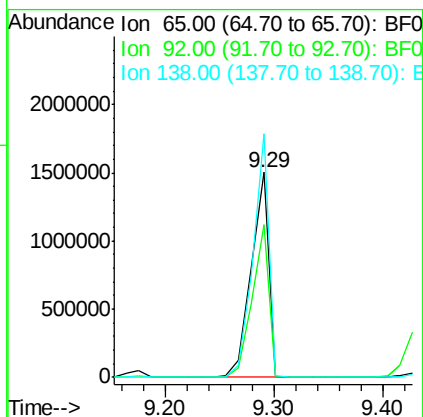
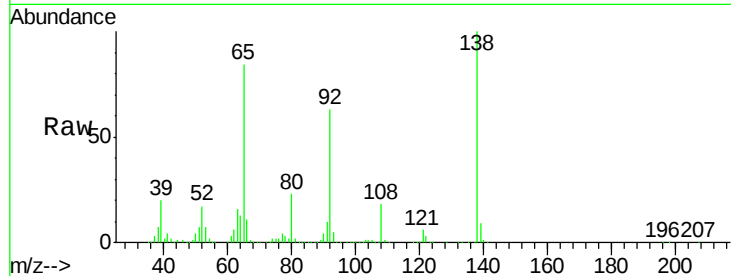
138 118.7 81.8 122.8

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#48

Acenaphthylene

Concen: 56.15 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

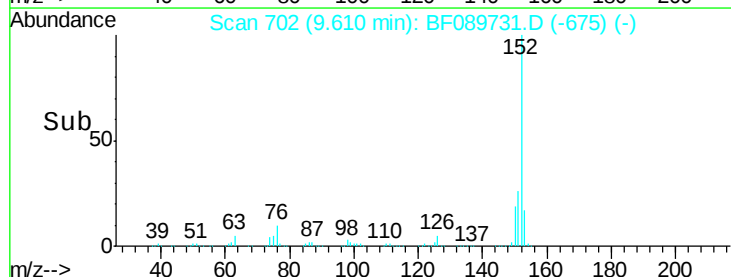
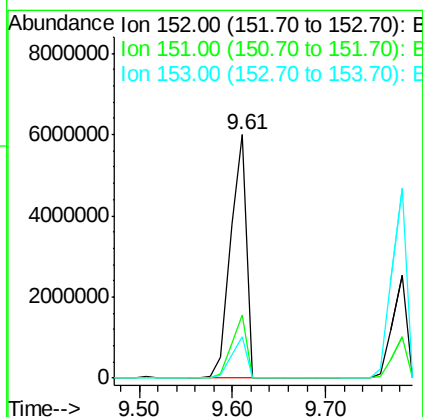
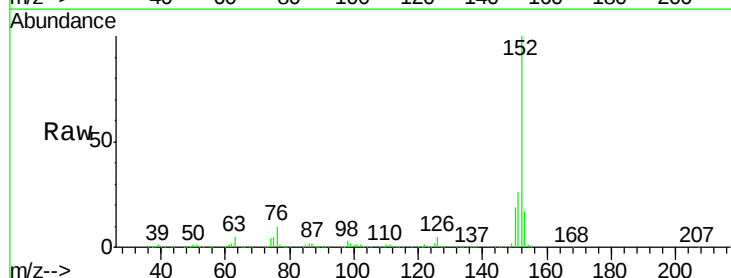
Tgt Ion: 152 Resp: 7118083

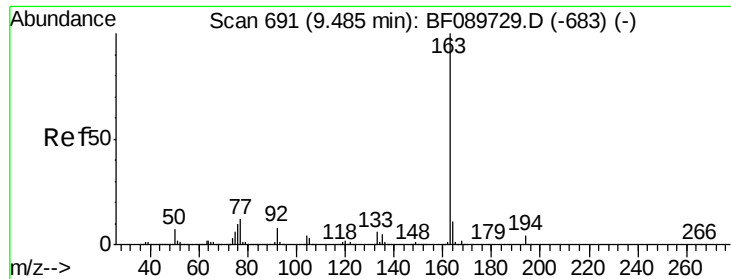
Ion Ratio Lower Upper

152 100

151 26.0 17.1 25.7#

153 16.8 11.2 16.8#





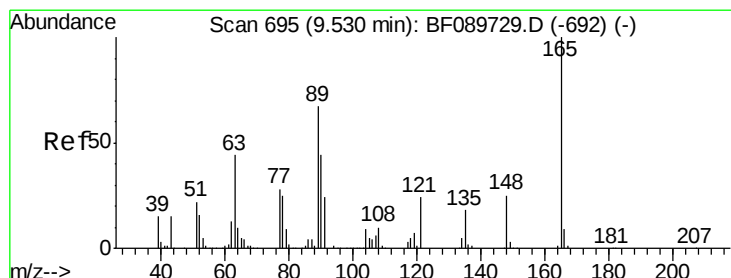
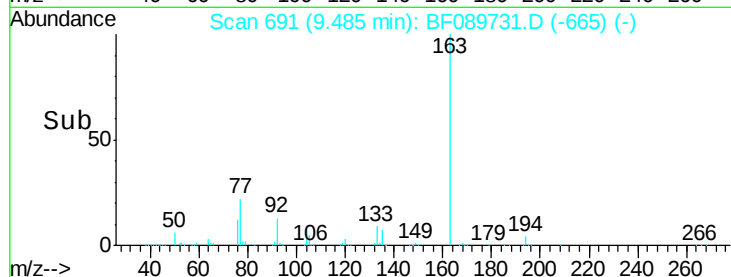
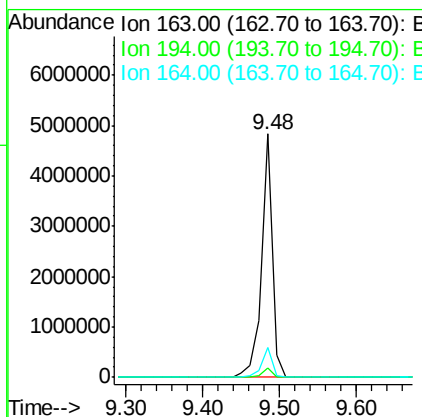
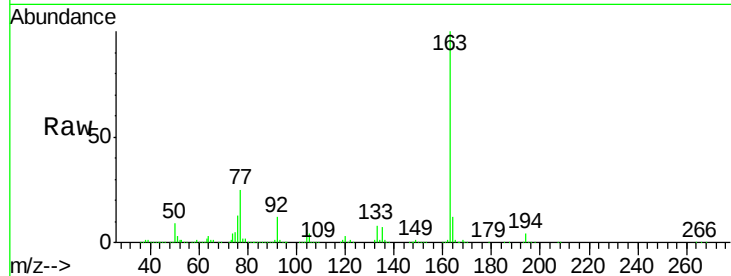
#49
Dimethylphthalate
Concen: 49.42 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:163 Resp: 4642244
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 12.4 8.6 12.8

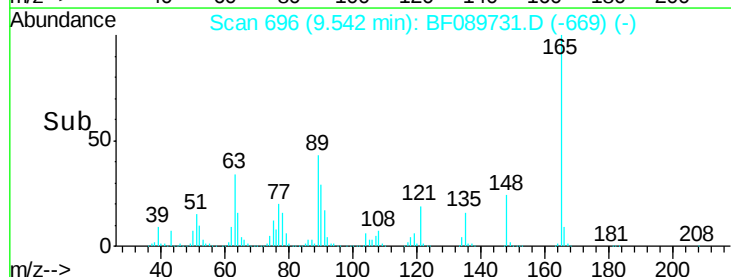
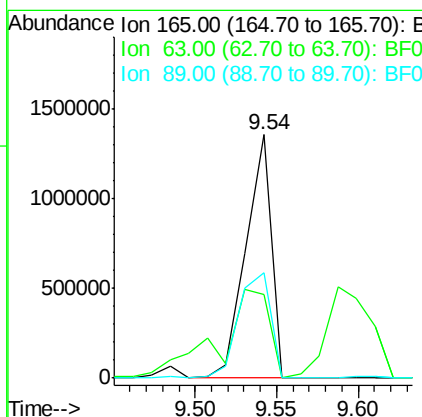
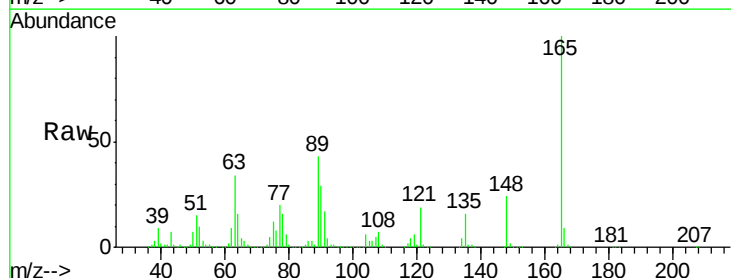
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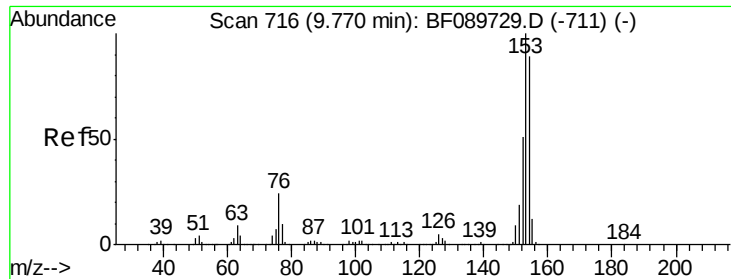
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#50
2,6-Dinitrotoluene
Concen: 70.53 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion:165 Resp: 1467645
Ion Ratio Lower Upper
165 100
63 34.5 41.7 62.5#
89 43.0 44.6 67.0#





#51

Acenaphthene

Concen: 60.50 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:154 Resp: 5019575

Ion Ratio Lower Upper

154 100

153 109.9 90.5 135.7

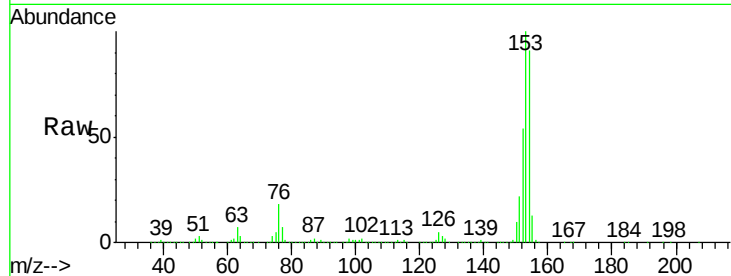
152 59.6 44.6 67.0

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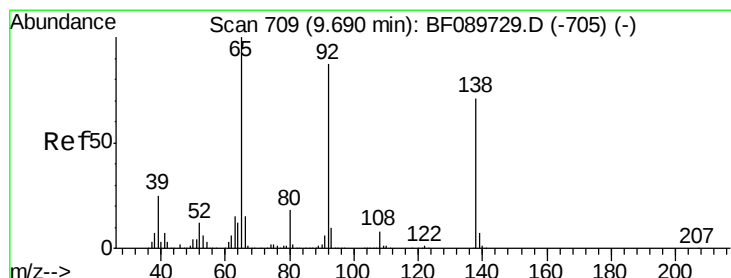
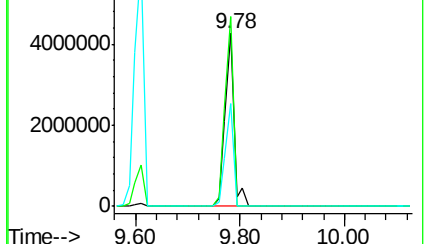
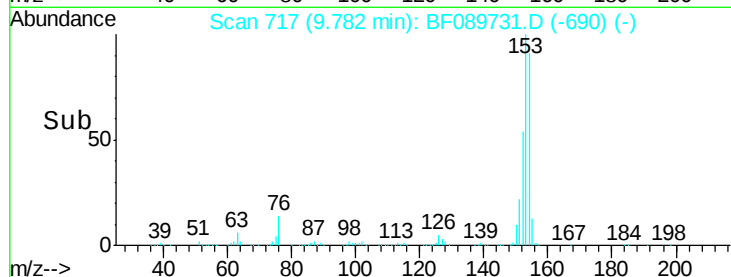
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 50.78 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

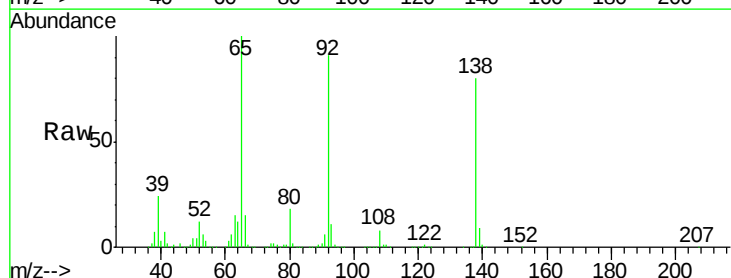
Tgt Ion:138 Resp: 1370443

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

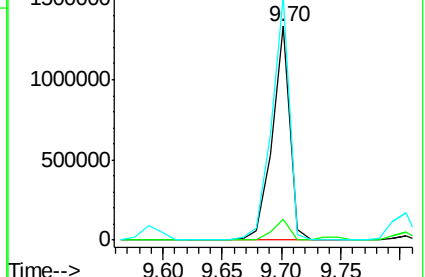
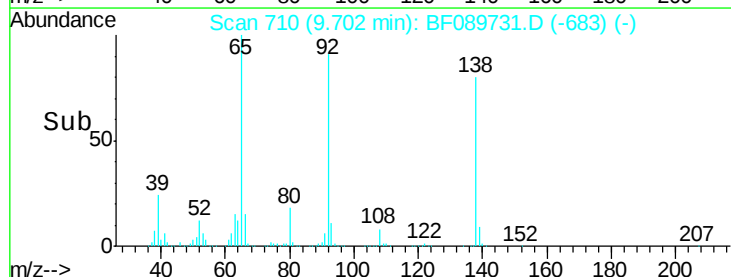
92 114.0 92.7 139.1

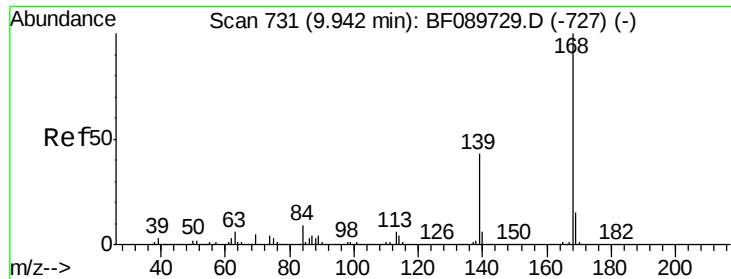


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





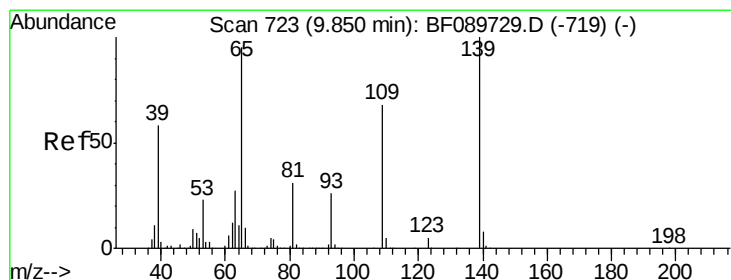
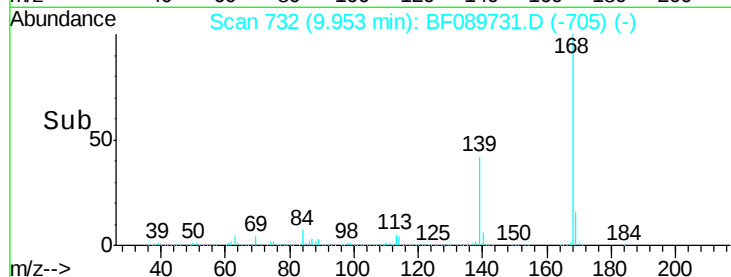
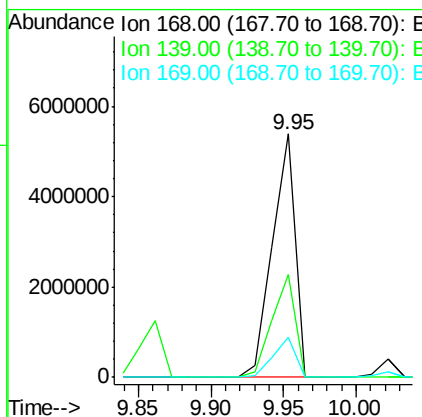
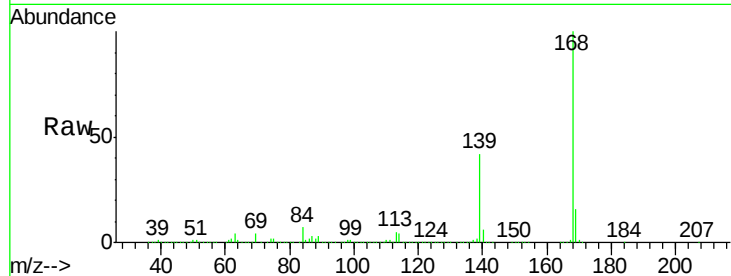
#54
Dibenzofuran
Concen: 49.95 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:168 Resp: 5875930
Ion Ratio Lower Upper
168 100
139 42.2 34.6 52.0
169 16.3 11.5 17.3

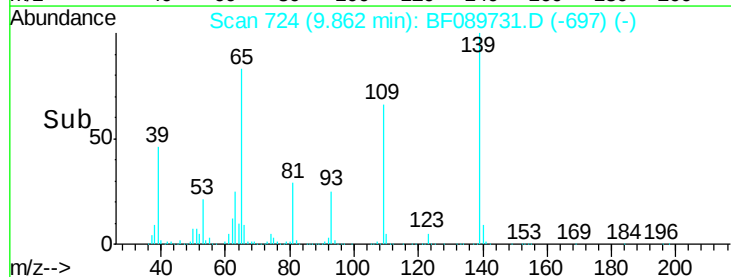
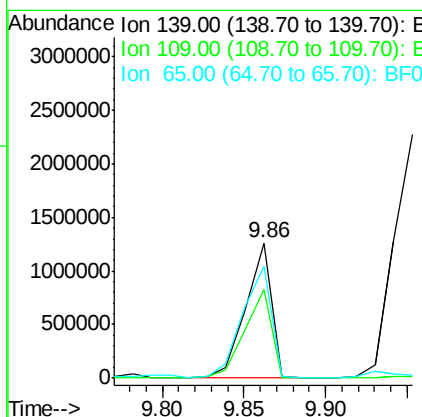
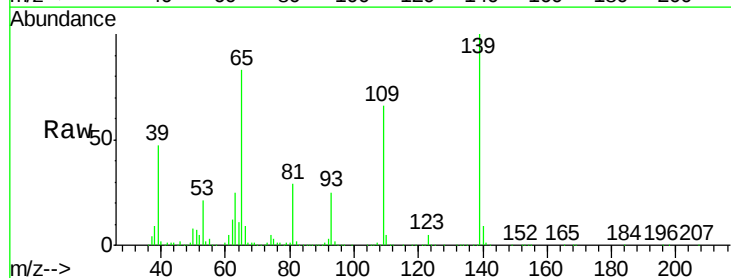
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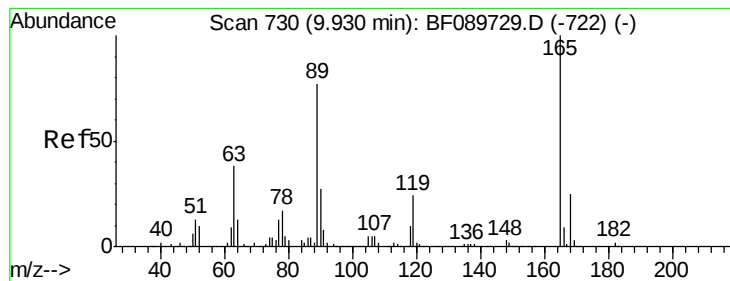
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#55
4-Nitrophenol
Concen: 67.50 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion:139 Resp: 1392743
Ion Ratio Lower Upper
139 100
109 65.7 43.0 83.0
65 83.0 55.7 95.7





#56

2,4-Dinitrotoluene

Concen: 63.26 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 1700468
Ion Ratio Lower Upper

165 100

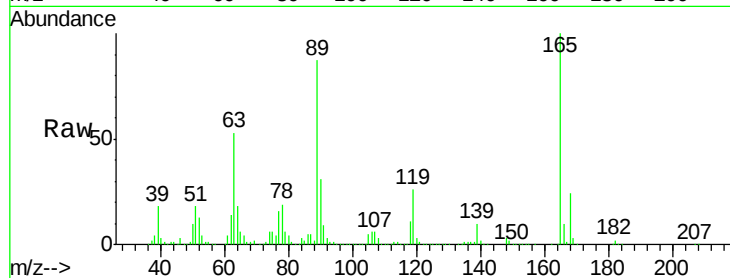
63 53.1 23.7 35.5#

89 86.9 44.0 66.0#

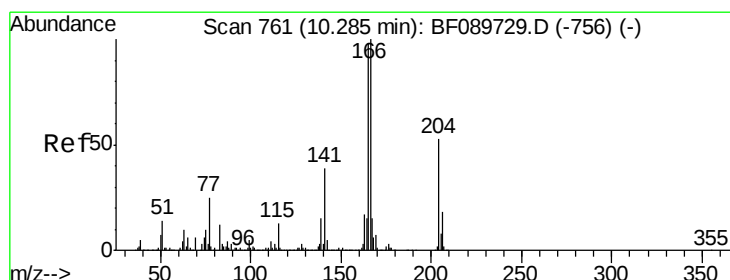
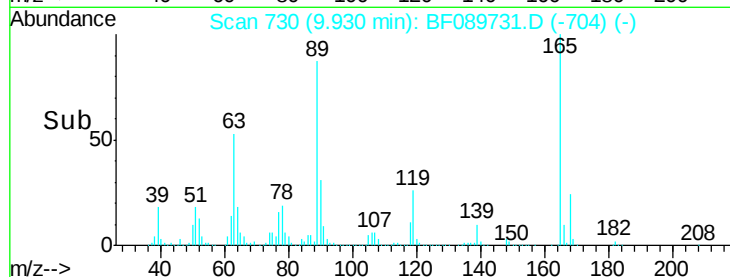
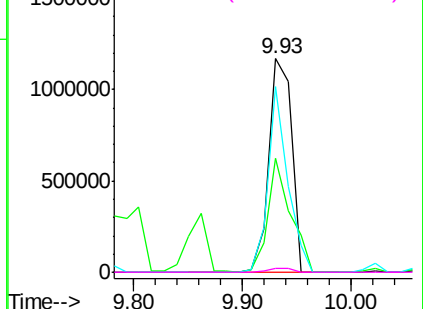
182 1.9 2.0 3.0#

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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
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 56.07 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089731.D

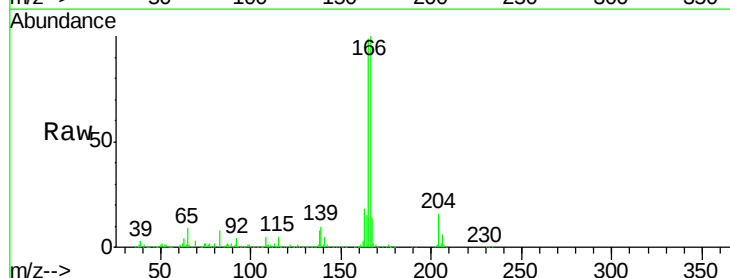
Acq: 16 Aug 2016 18:09

Tgt Ion:166 Resp: 4730761
Ion Ratio Lower Upper

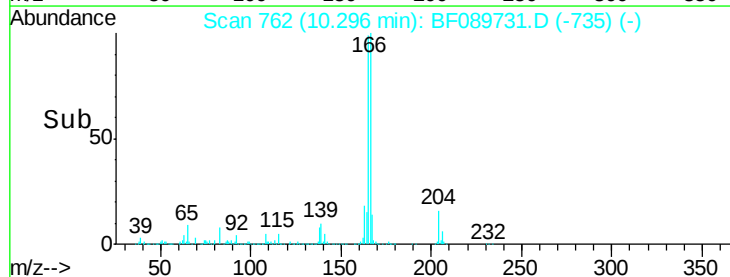
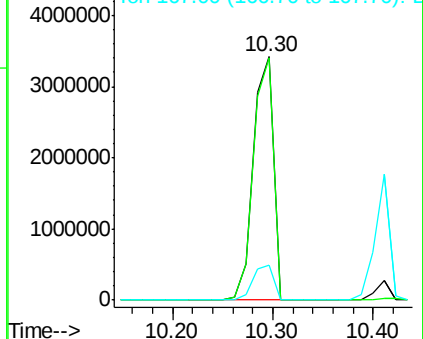
166 100

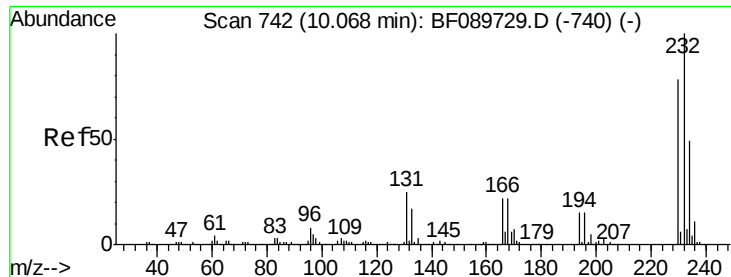
165 99.4 80.2 120.4

167 14.3 11.3 16.9



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





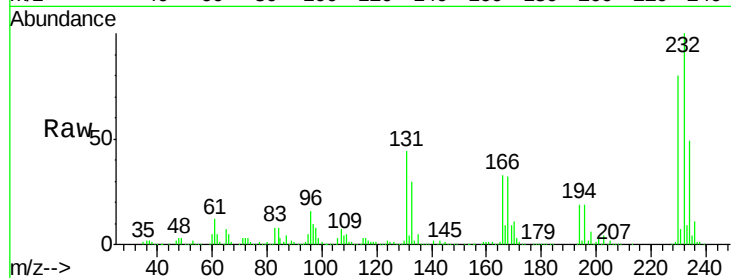
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.10 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

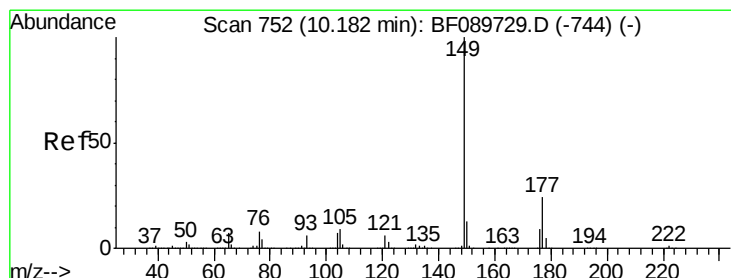
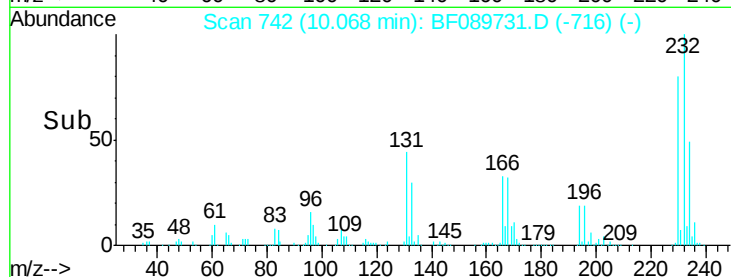
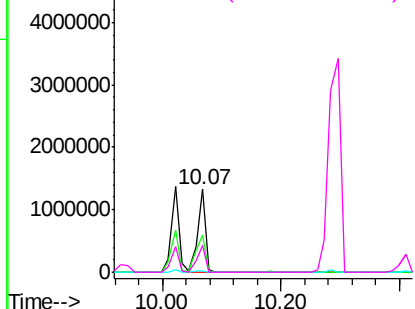
Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.9	42.5	63.7
130	2.5	2.2	3.4
166	35.2	27.3	40.9

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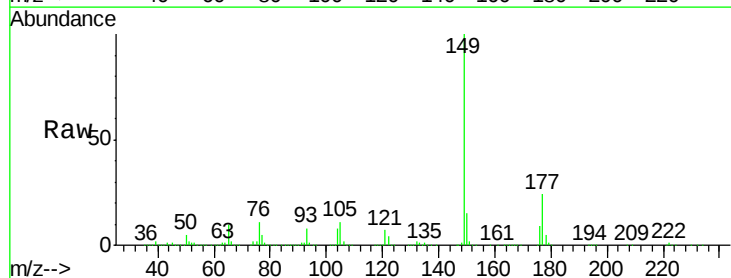


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

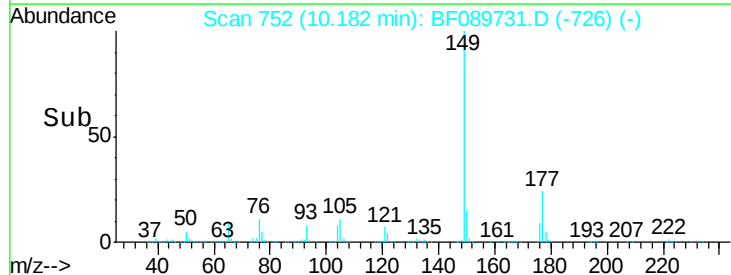
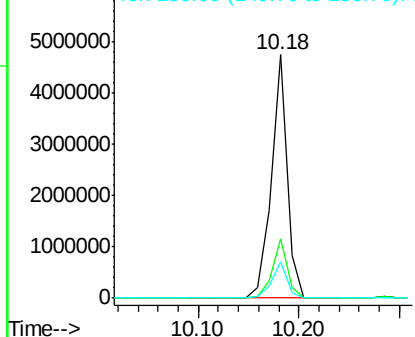


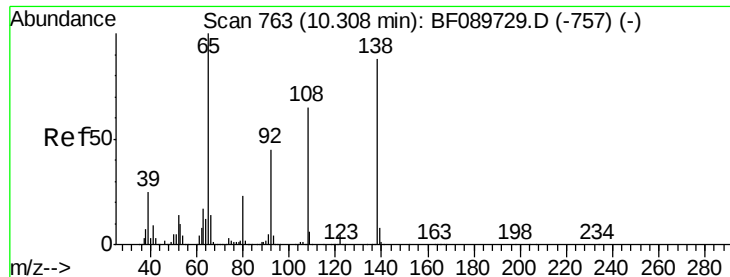
#59
 Diethylphthalate
 Concen: 53.84 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	16.6	25.0
150	14.8	10.5	15.7



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





#61

4-Nitroaniline

Concen: 59.47 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

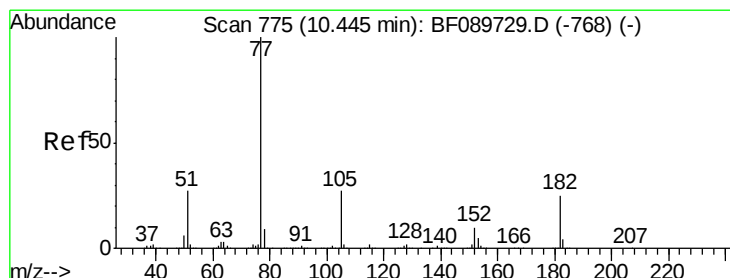
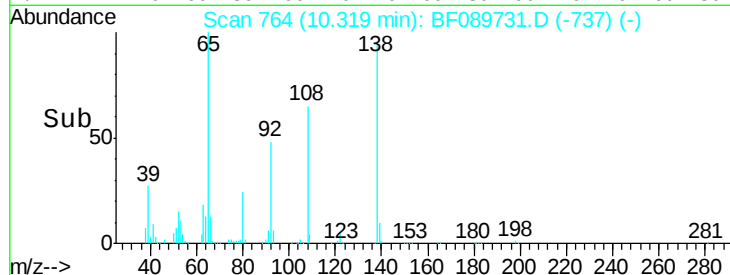
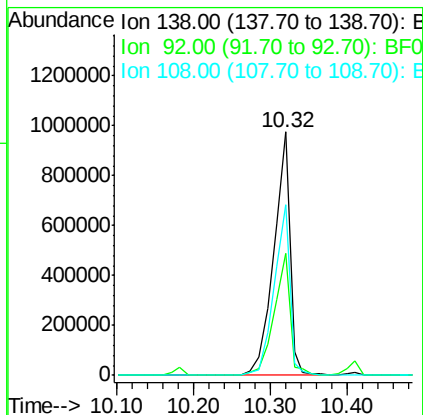
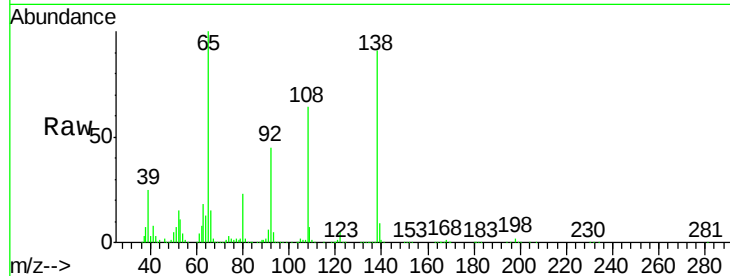
ClientSampleId :

SSTDICC060

Tgt Ion:	138	Resp:	1417105
Ion	Ratio	Lower	Upper
138	100		
92	49.9	26.4	66.4
108	69.9	47.0	87.0

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#62

Azobenzene

Concen: 46.85 ng

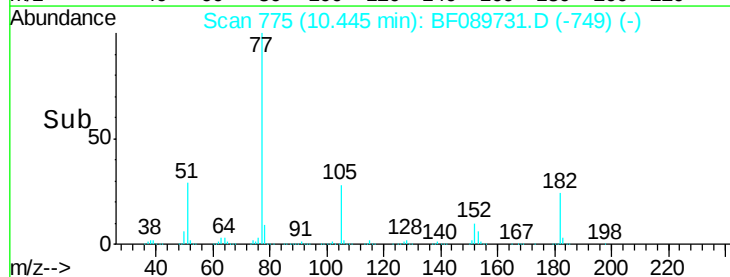
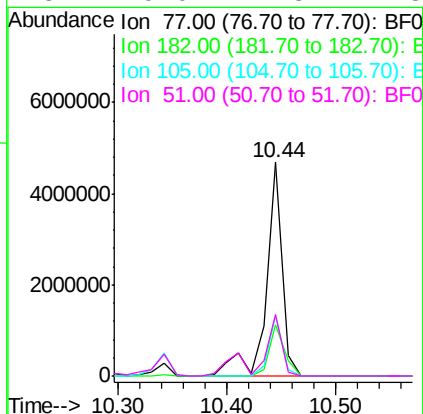
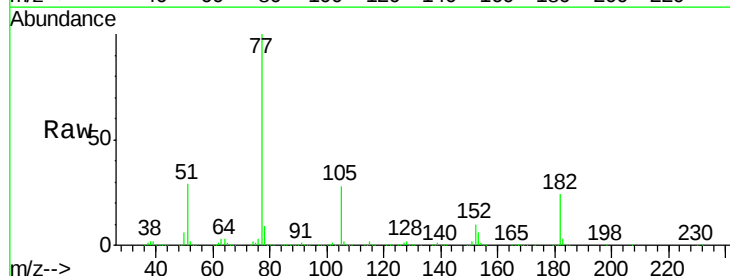
RT: 10.44 min Scan# 775

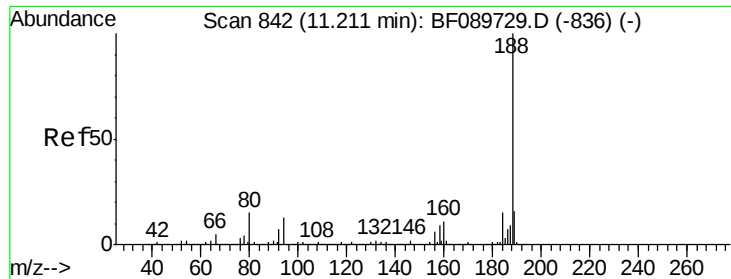
Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Tgt Ion:	77	Resp:	4874183
Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.6	45.6
105	27.9	4.0	44.0
51	29.0	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:188 Resp: 2455608

Ion Ratio Lower Upper

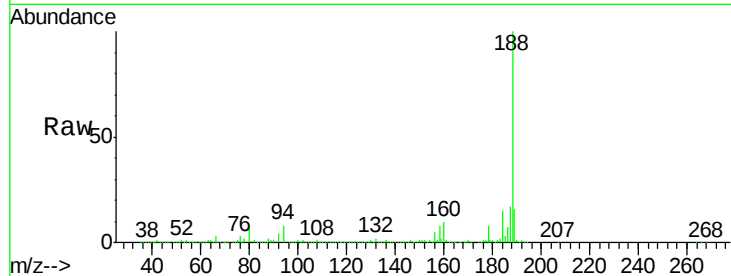
188 100

94 8.0 10.2 15.2#

80 7.9 10.9 16.3#

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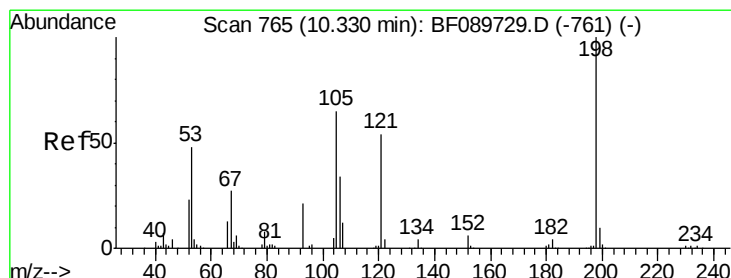
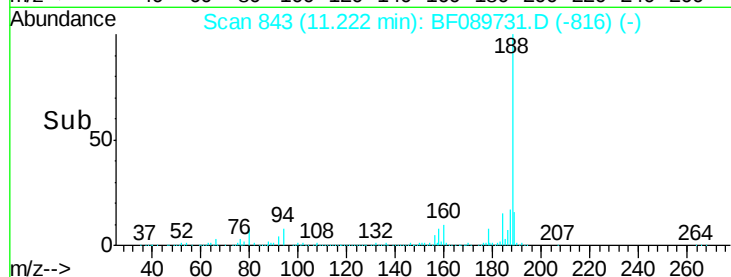
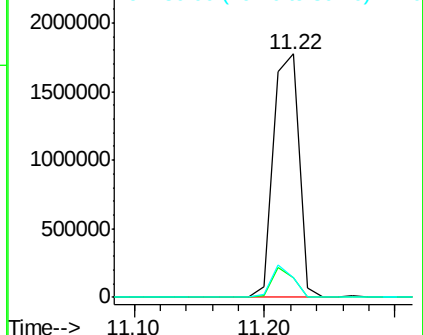
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 61.15 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

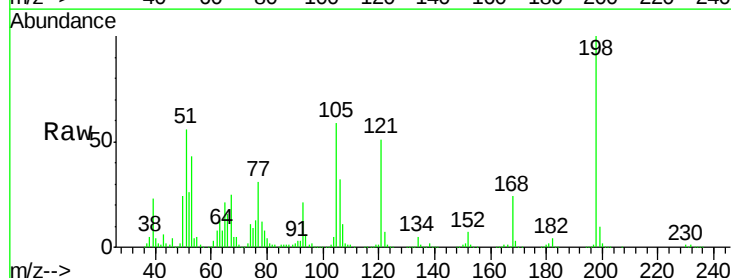
Tgt Ion:198 Resp: 805436

Ion Ratio Lower Upper

198 100

51 55.8 32.3 72.3

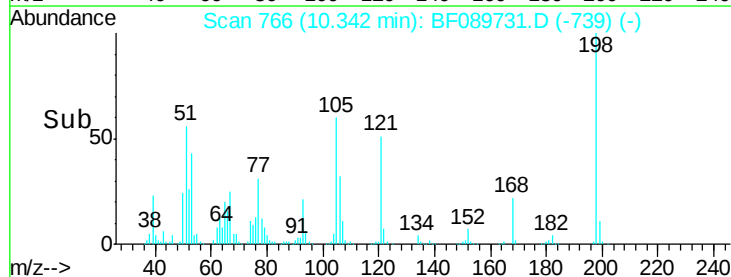
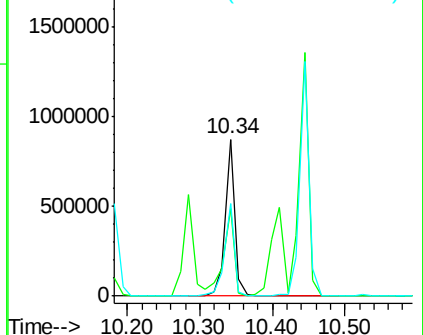
105 59.4 32.9 72.9

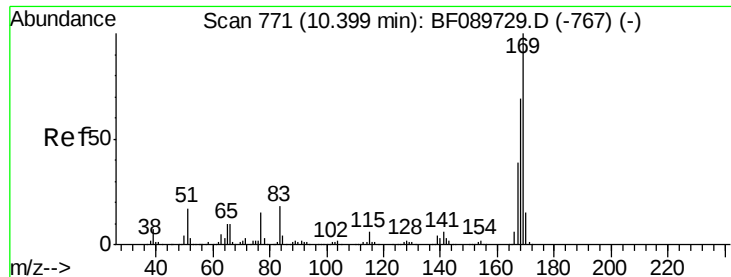


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.92 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:169 Resp: 4275886

Ion Ratio Lower Upper

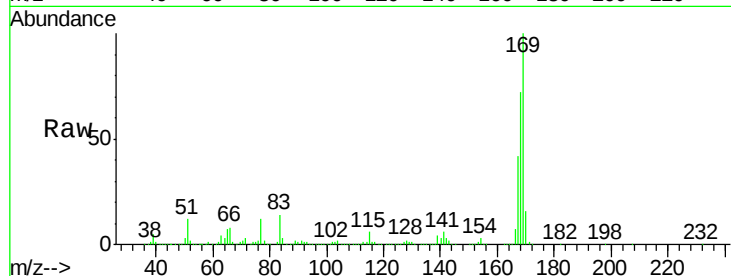
169 100

168 71.6 54.6 82.0

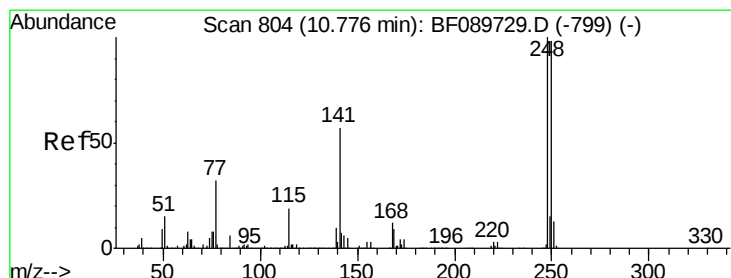
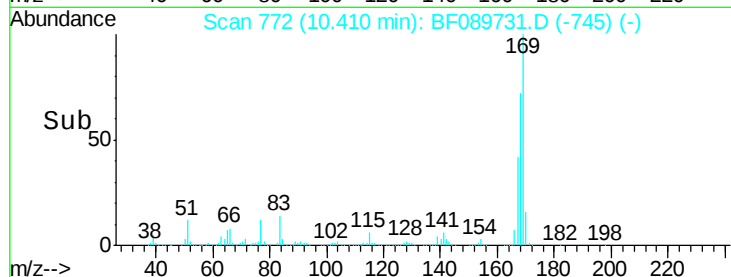
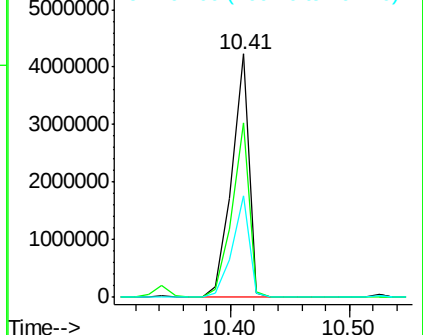
167 42.0 30.6 45.8

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



#66

4-Bromophenyl-phenylether

Concen: 57.21 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

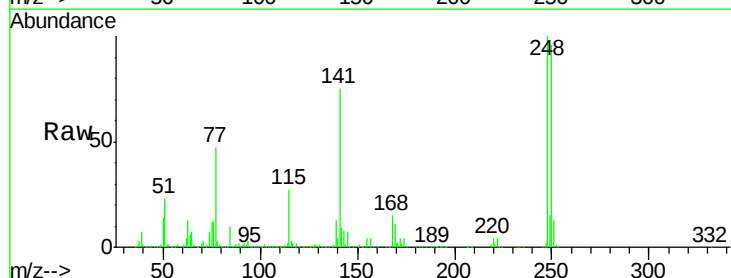
Tgt Ion:248 Resp: 1438504

Ion Ratio Lower Upper

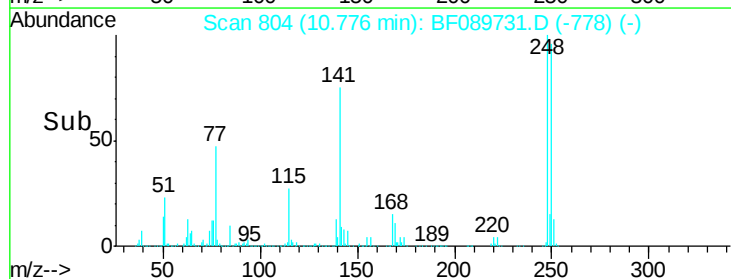
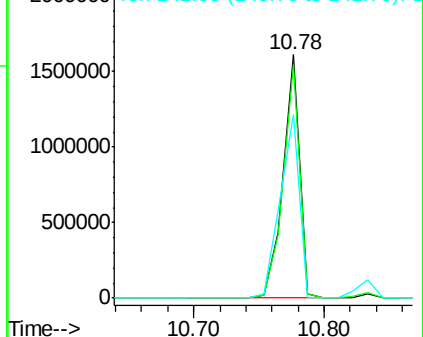
248 100

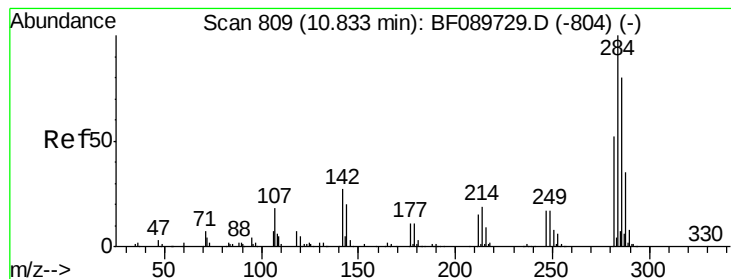
250 96.1 78.6 117.8

141 75.4 31.4 47.2#



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





#67

Hexachlorobenzene

Concen: 51.19 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:284 Resp: 1444723

Ion Ratio Lower Upper

284 100

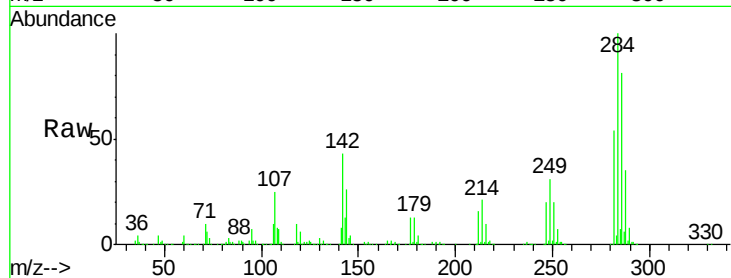
142 42.7 17.4 26.2#

249 31.0 22.8 34.2

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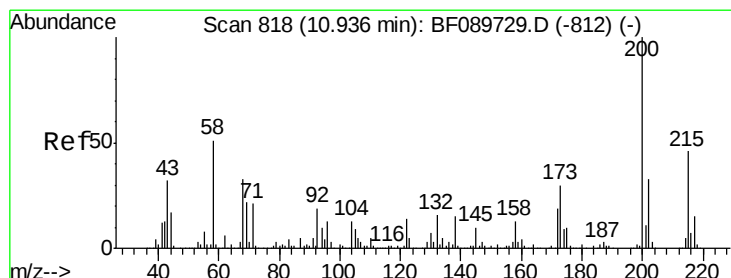
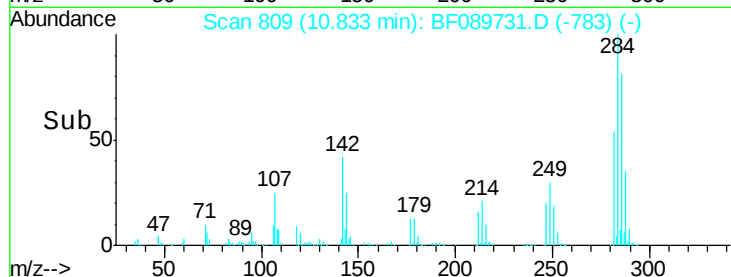
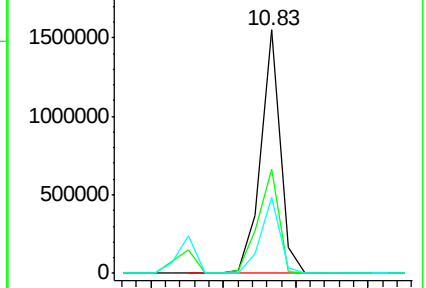
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.82 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

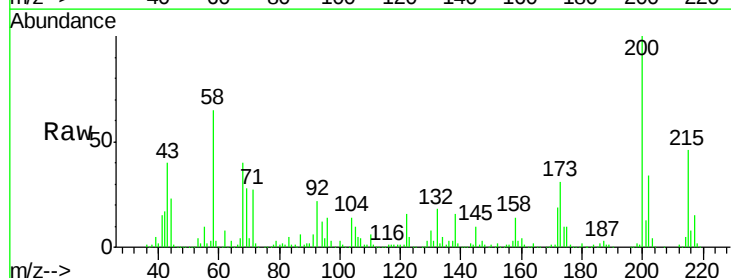
Tgt Ion:200 Resp: 1254865

Ion Ratio Lower Upper

200 100

173 30.9 6.6 46.6

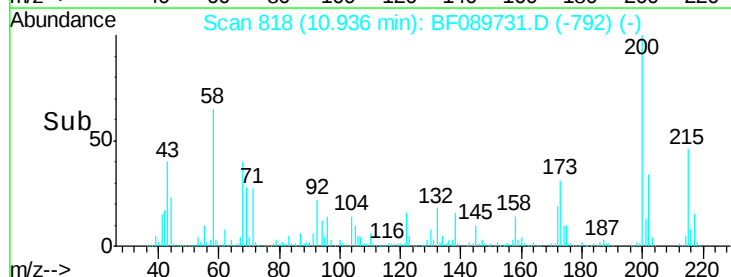
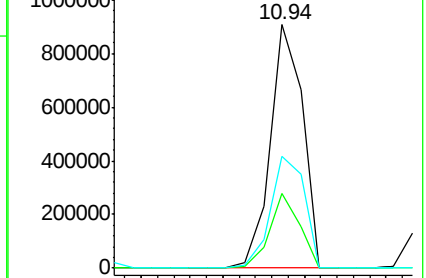
215 46.2 24.7 64.7

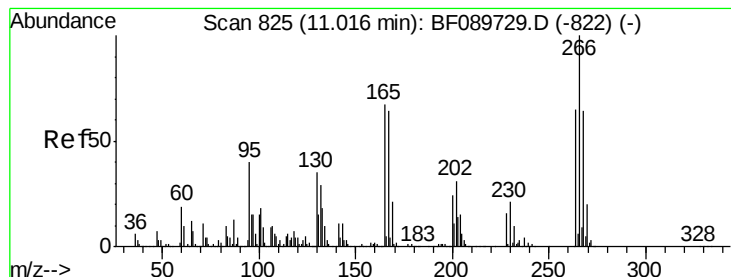


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 67.08 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:266 Resp: 1141417

Ion Ratio Lower Upper

266 100

268 63.7 53.2 79.8

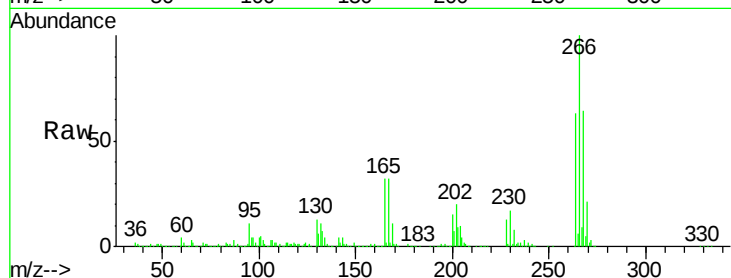
264 62.6 51.1 76.7

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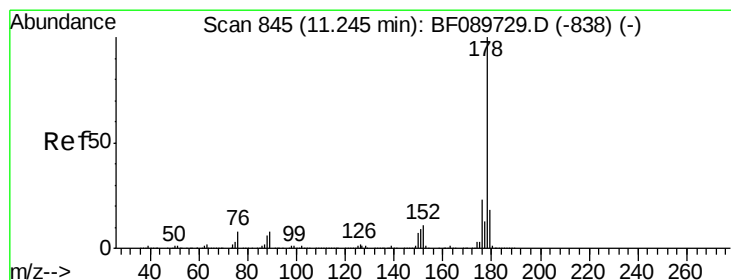
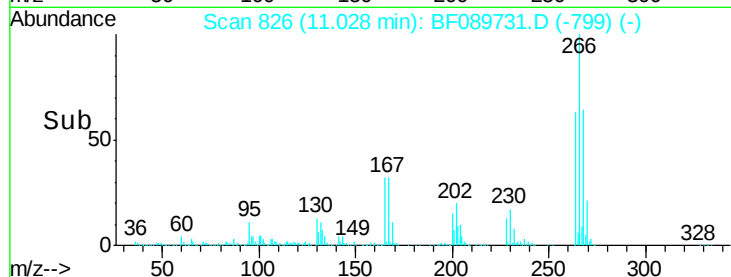
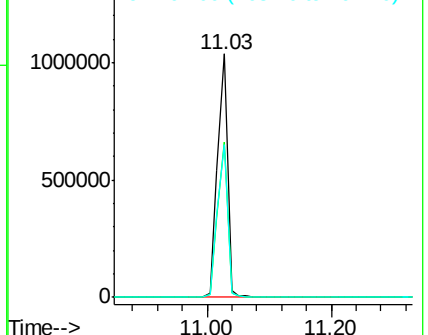
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.87 ng m

RT: 11.24 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

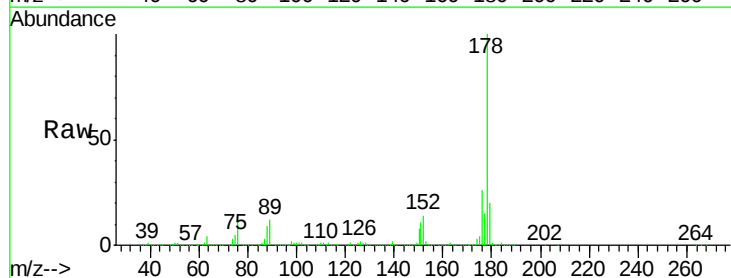
Tgt Ion:178 Resp: 5953973

Ion Ratio Lower Upper

178 100

176 26.0 16.4 24.6#

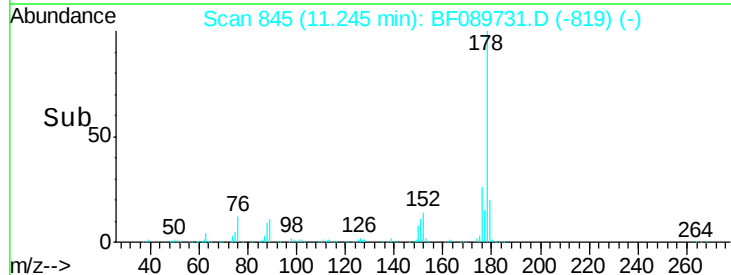
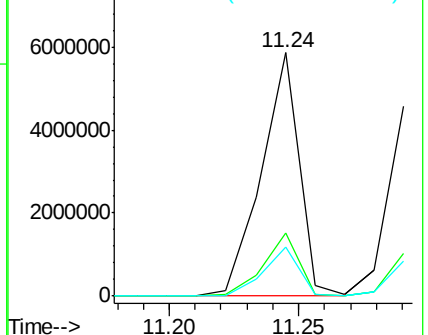
179 19.9 12.5 18.7#

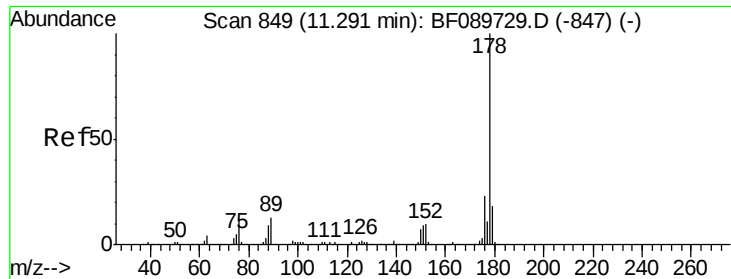


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





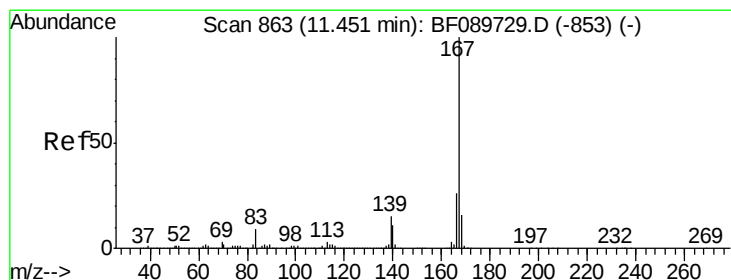
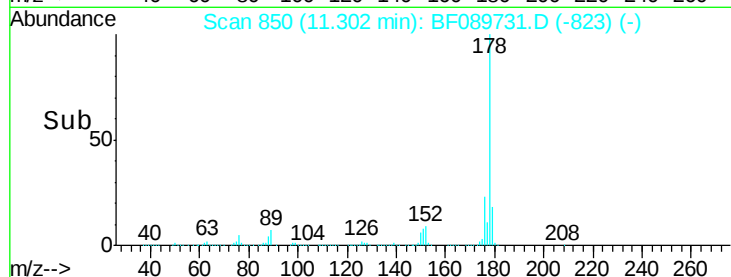
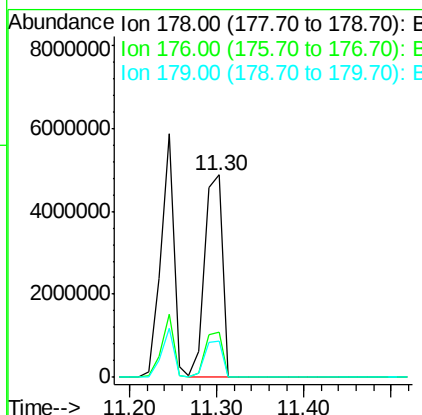
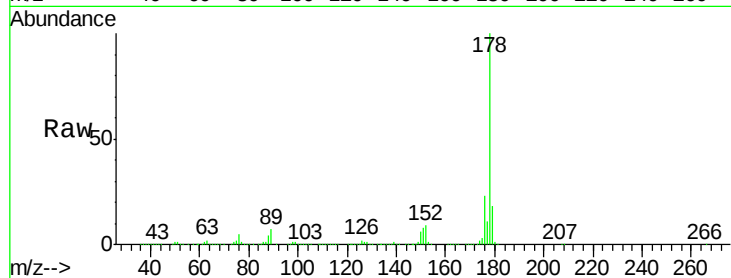
#71
 Anthracene
 Concen: 54.41 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:178 Resp: 6935479
 Ion Ratio Lower Upper
 178 100
 176 22.7 16.4 24.6
 179 17.9 13.1 19.7

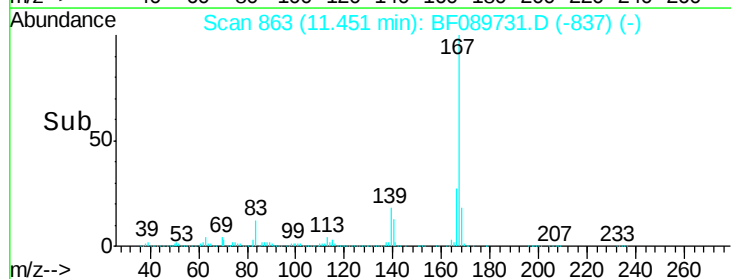
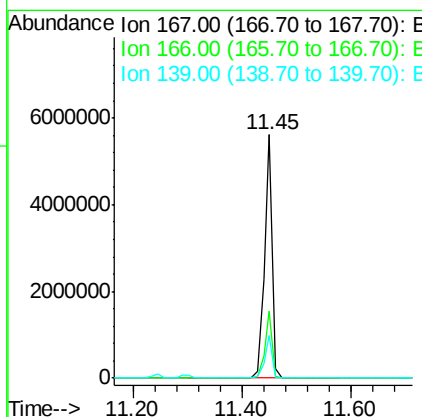
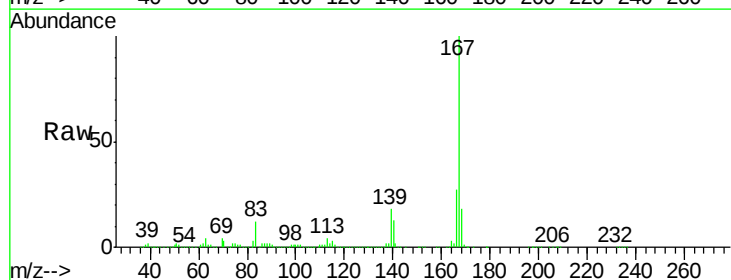
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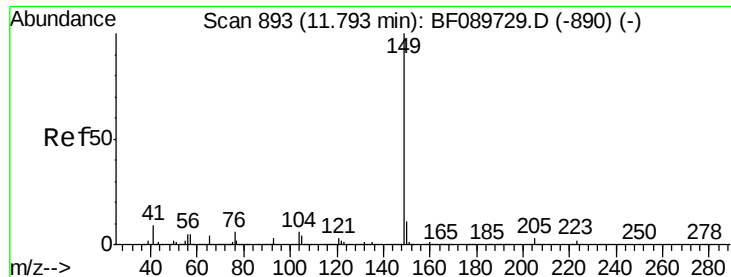
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#72
 Carbazole
 Concen: 47.06 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion:167 Resp: 5716497
 Ion Ratio Lower Upper
 167 100
 166 27.5 17.9 26.9#
 139 17.7 12.4 18.6





#73

Di-n-butylphthalate

Concen: 53.20 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:149 Resp: 7452503

Ion Ratio Lower Upper

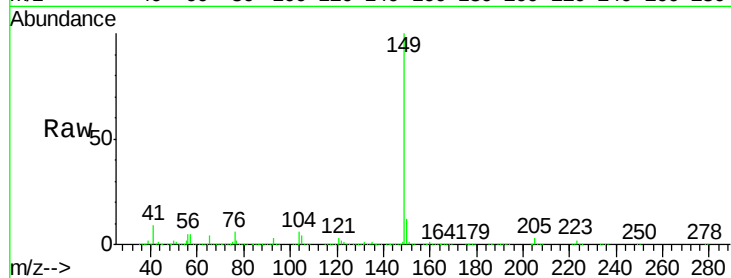
149 100

150 11.8 7.9 11.9

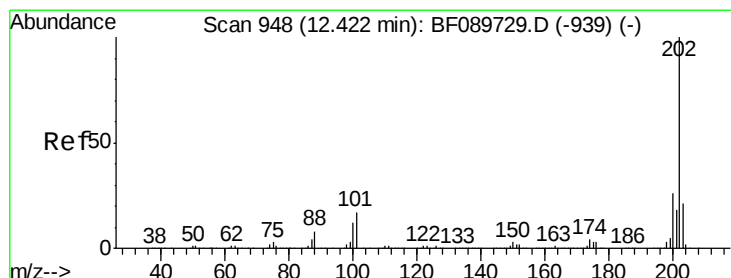
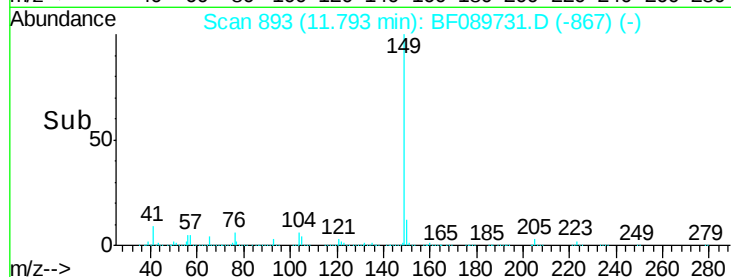
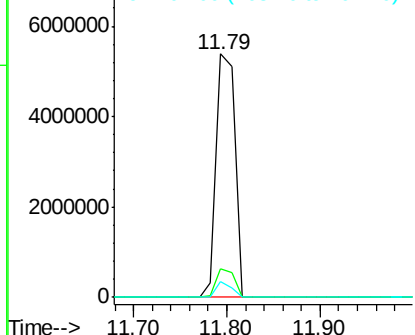
104 6.4 4.3 6.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.75 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

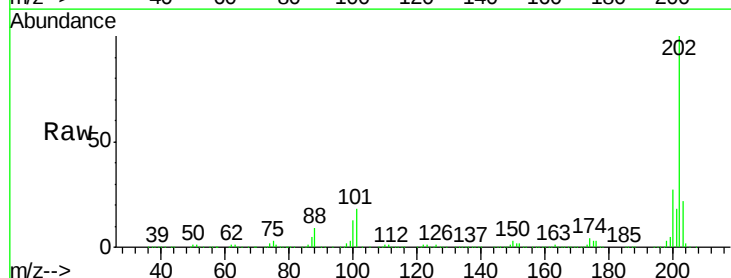
Tgt Ion:202 Resp: 6016946

Ion Ratio Lower Upper

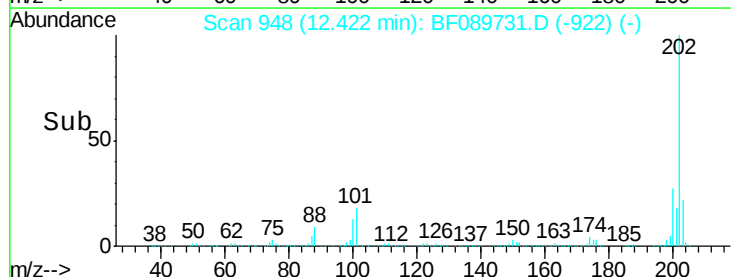
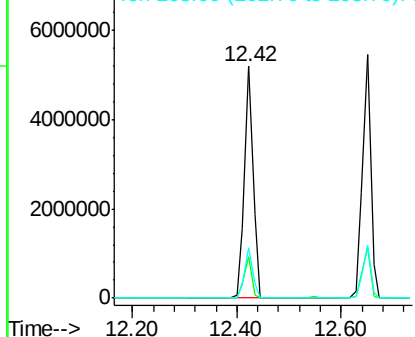
202 100

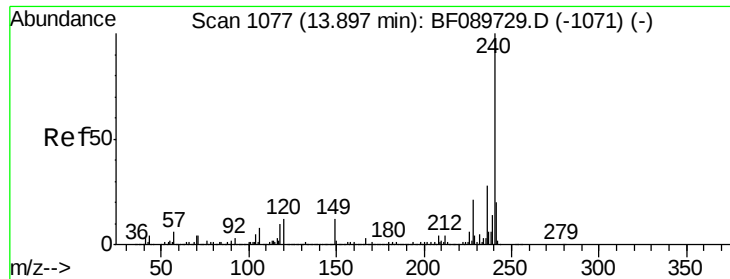
101 17.9 0.0 31.2

203 21.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

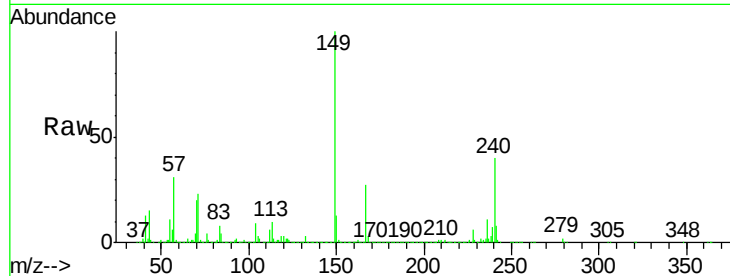
ClientSampleId :

SSTDICC060

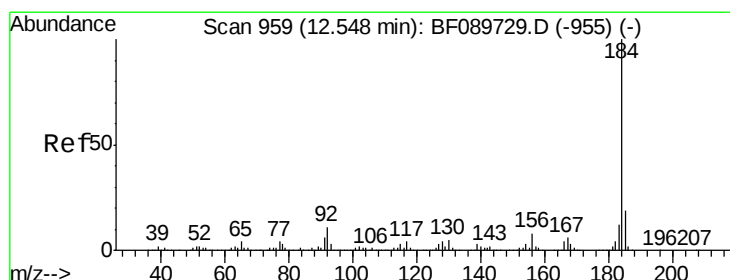
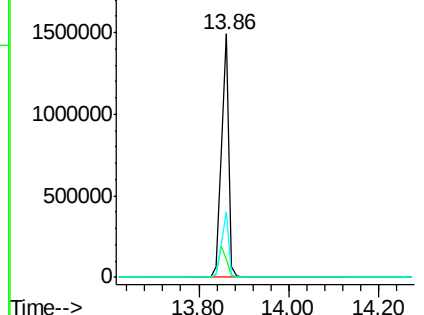
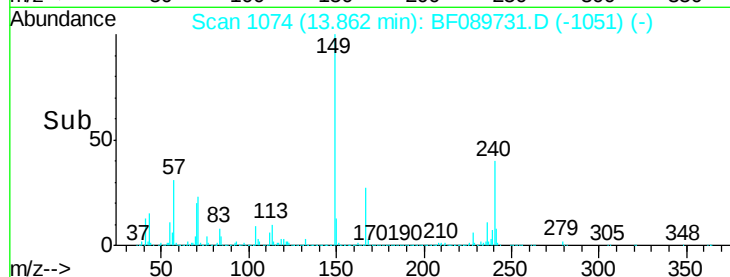
Tgt Ion:240 Resp: 1662292
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.3 12.5#
 236 27.0 21.3 31.9

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Abundance Ion 240.00 (239.70 to 240.70): E
 2000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.28 ng

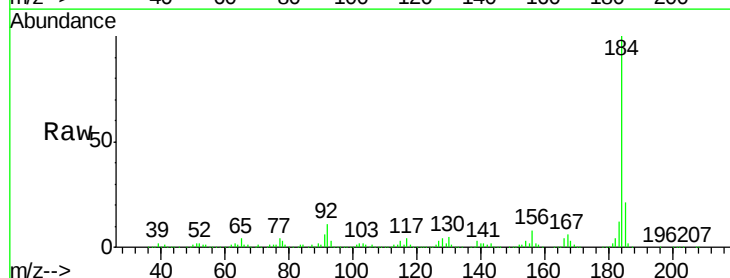
RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

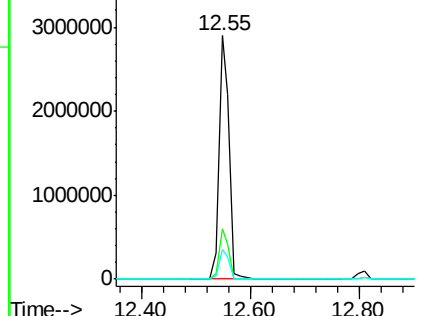
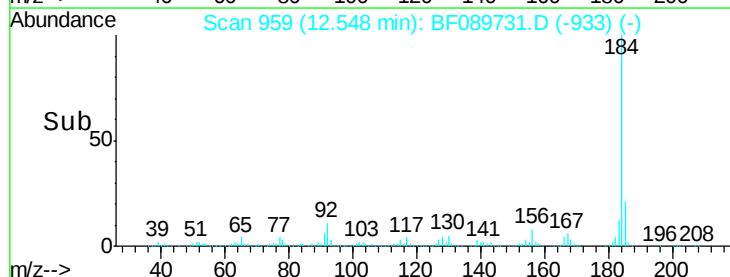
Lab File: BF089731.D

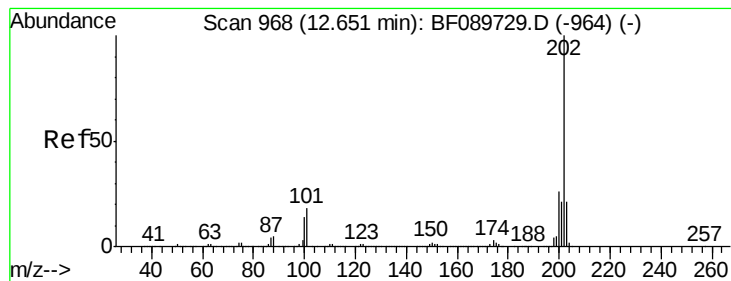
Acq: 16 Aug 2016 18:09

Tgt Ion:184 Resp: 3830551
 Ion Ratio Lower Upper
 184 100
 185 20.9 13.8 20.8#
 183 12.3 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
 4000000 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 56.43 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 202 Resp: 6012744

Ion Ratio Lower Upper

202 100

200 27.6 17.8 26.6#

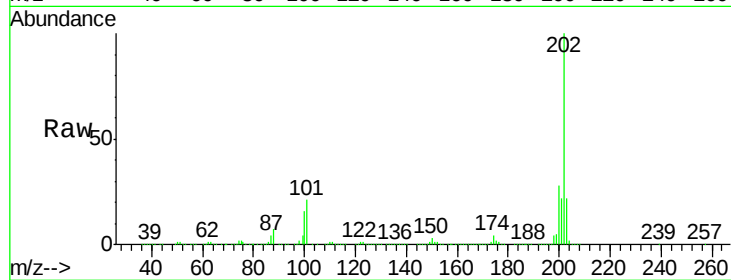
203 21.8 14.2 21.4#

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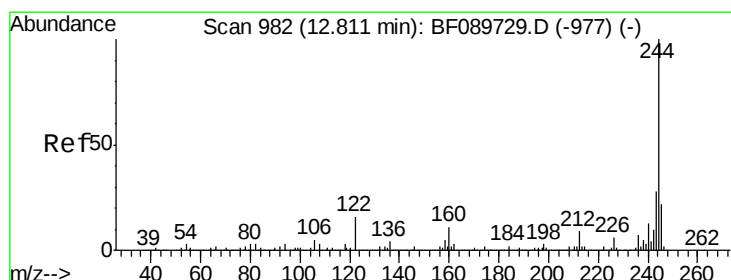
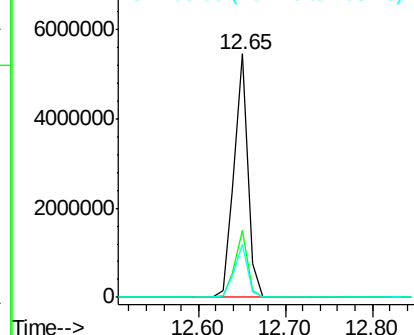
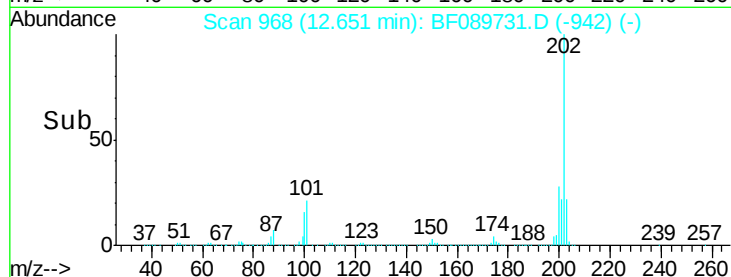
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 54.06 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF089731.D

Acq: 16 Aug 2016 18:09

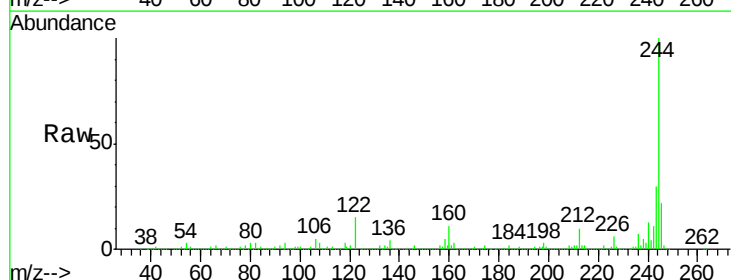
Tgt Ion: 244 Resp: 6307521

Ion Ratio Lower Upper

244 100

212 9.7 6.3 9.5#

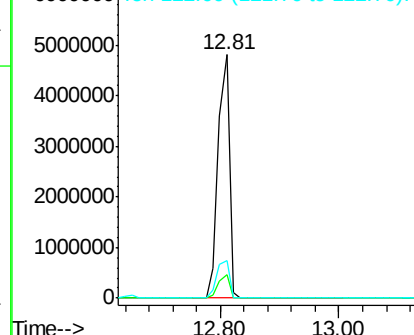
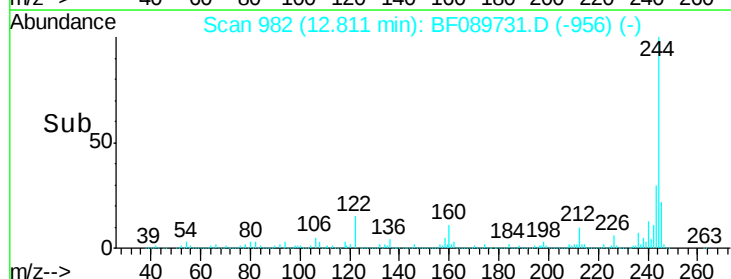
122 15.2 12.0 18.0

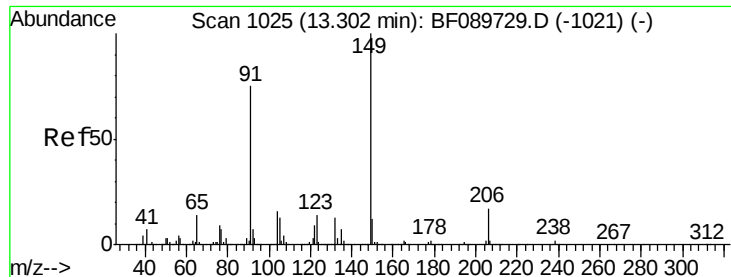


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





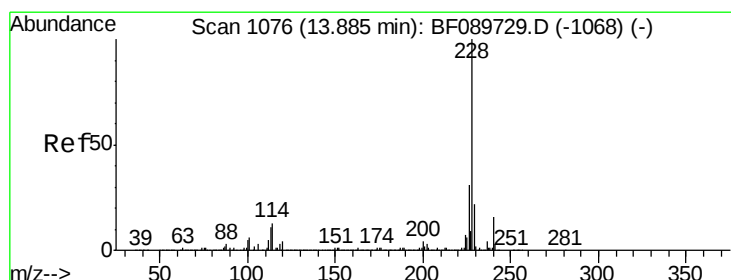
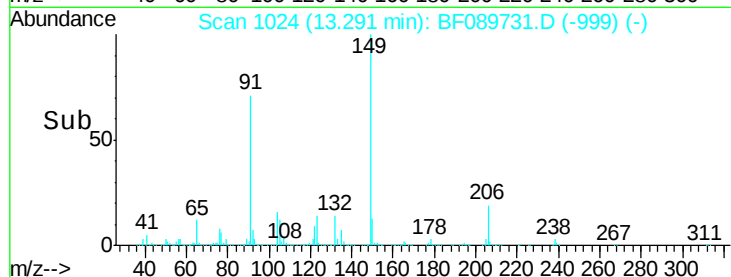
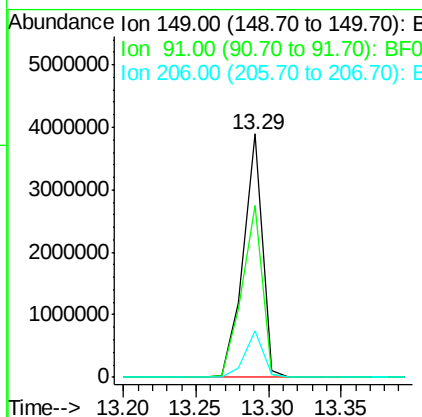
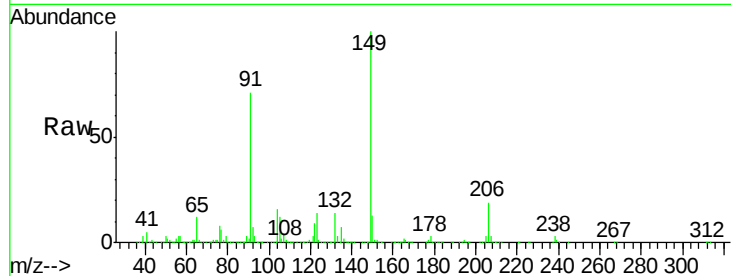
#79
Butylbenzylphthalate
Concen: 73.90 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 3598812
Ion Ratio Lower Upper
149 100
91 70.5 50.7 76.1
206 19.0 15.5 23.3

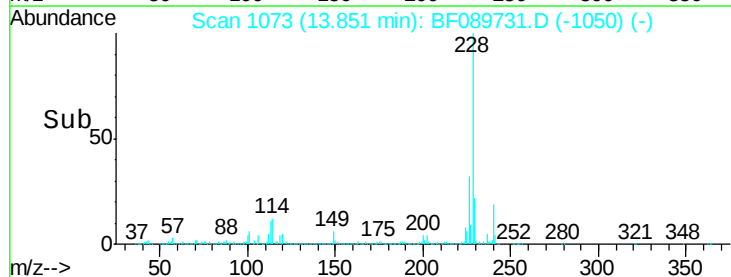
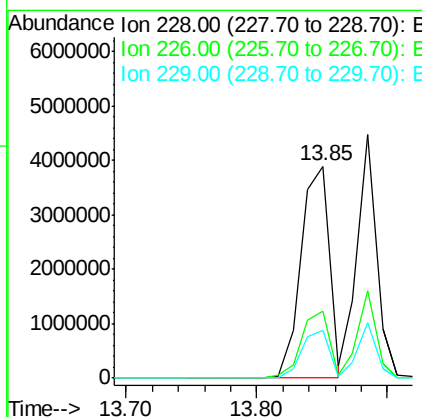
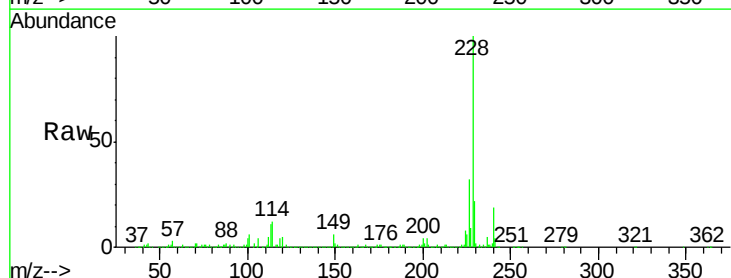
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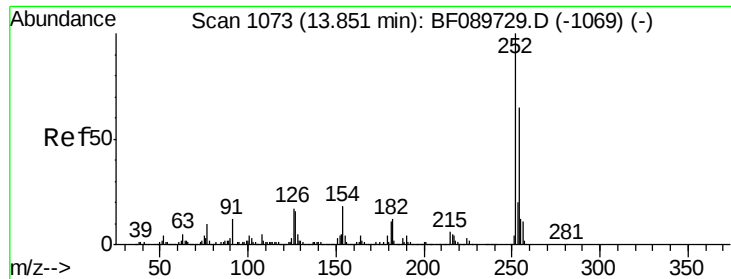
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#80
Benzo(a)anthracene
Concen: 60.95 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion:228 Resp: 5815554
Ion Ratio Lower Upper
228 100
226 31.8 23.2 34.8
229 22.5 16.2 24.4





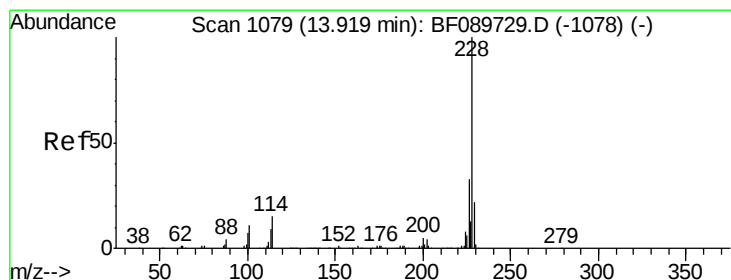
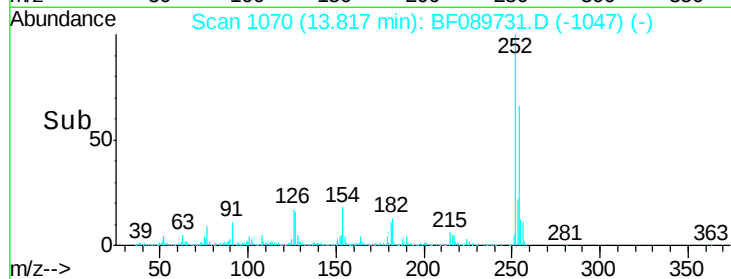
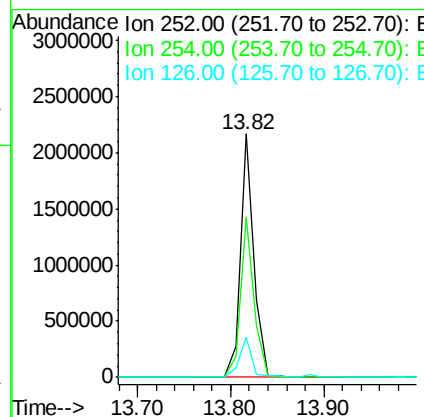
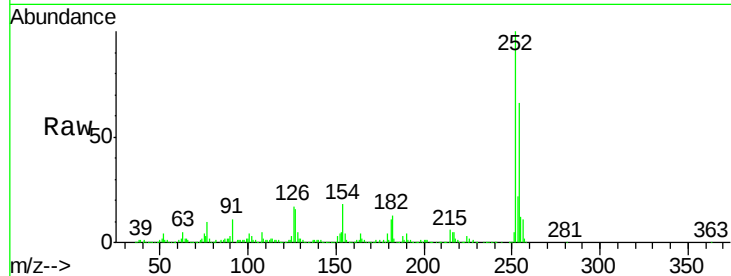
#81
 3,3'-Dichlorobenzidine
 Concen: 62.37 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.03 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.6	75.8
126	16.7	12.6	18.8

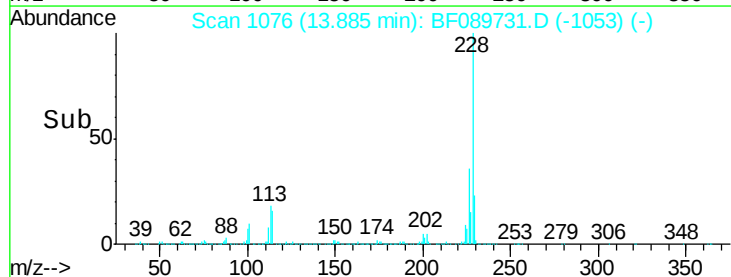
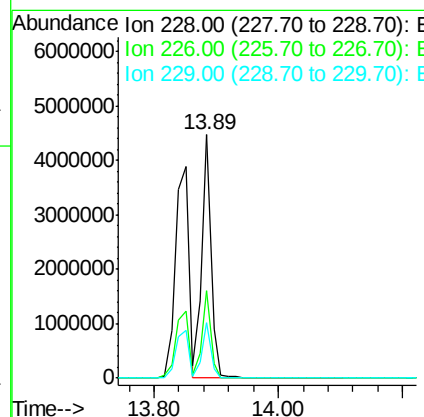
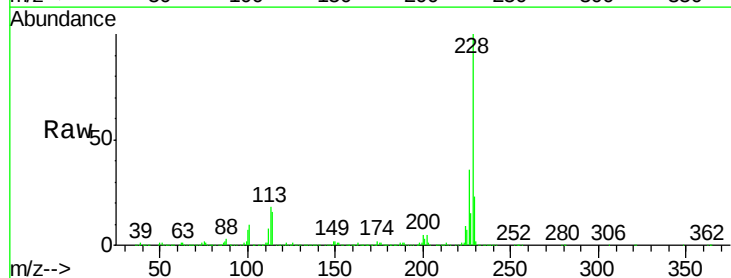
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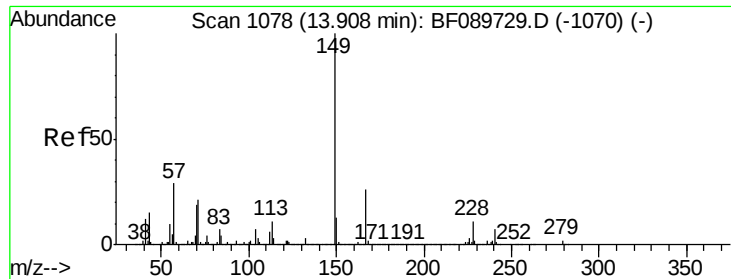
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#82
 Chrysene
 Concen: 55.71 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.03 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	25.4	38.0
229	22.6	16.5	24.7





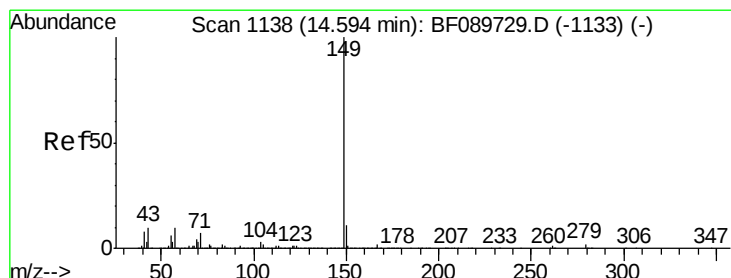
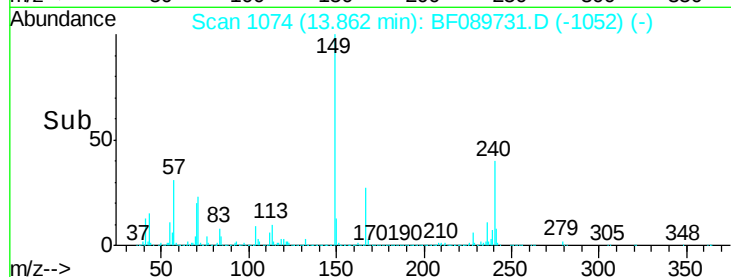
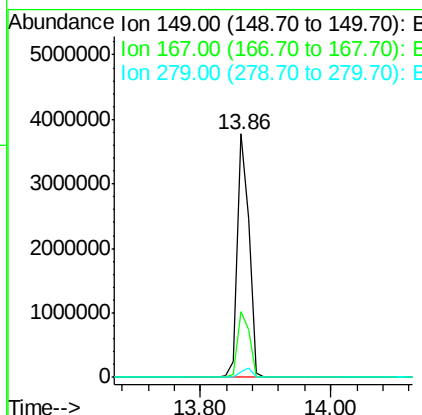
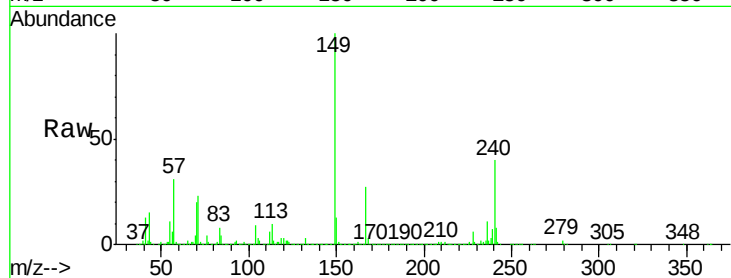
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 66.41 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.05 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:149 Resp: 4544479
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 2.1 2.9 4.3#

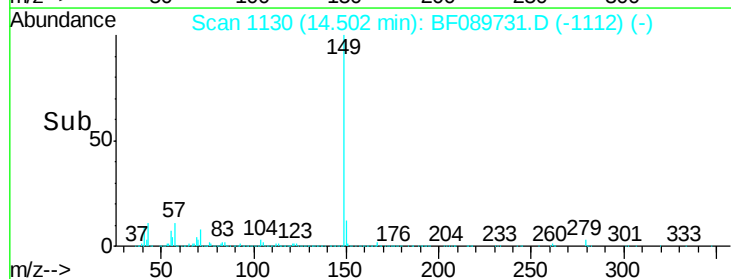
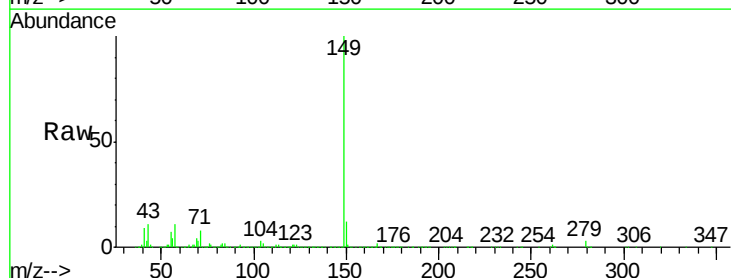
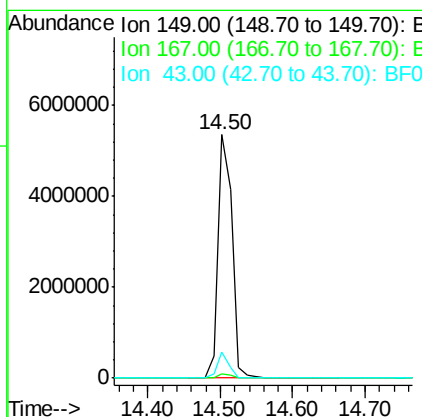
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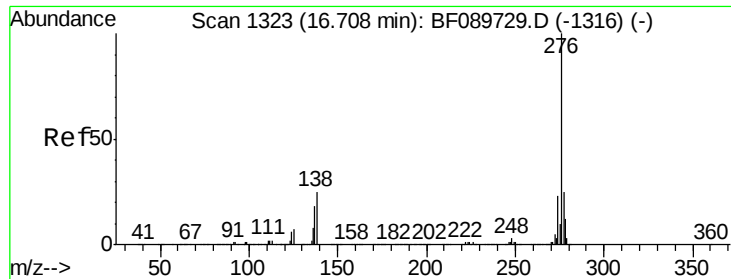
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#84
 Di-n-octyl phthalate
 Concen: 69.35 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.09 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion:149 Resp: 7144367
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.2 8.4 12.6





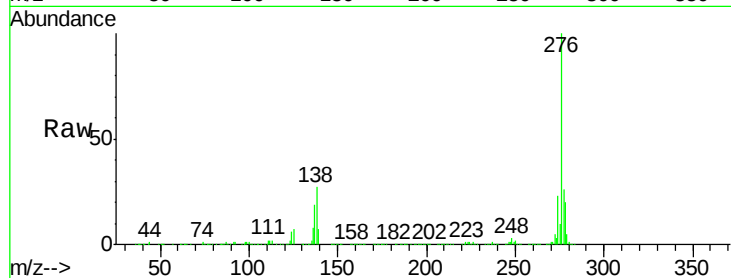
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.23 ng
 RT: 16.57 min Scan# 1311
 Delta R.T. -0.14 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

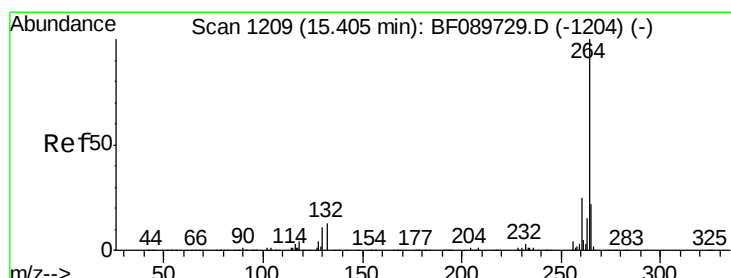
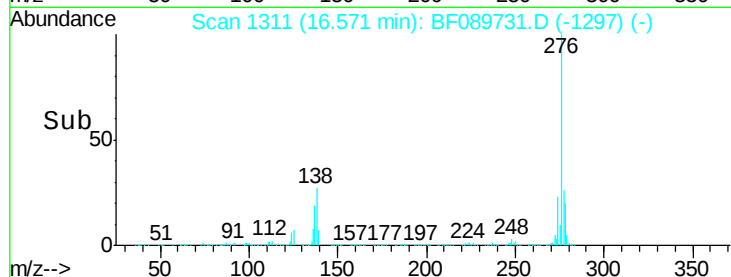
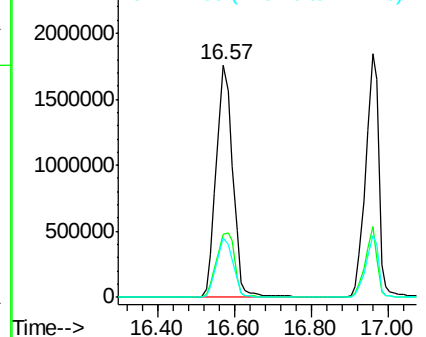
Tgt Ion: 276 Resp: 5301175
 Ion Ratio Lower Upper
 276 100
 138 30.5 24.6 36.8
 277 25.8 20.4 30.6

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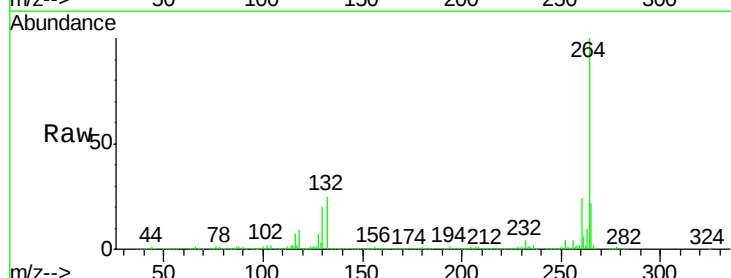


Abundance Ion 276.00 (275.70 to 276.70): E
 2500000
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

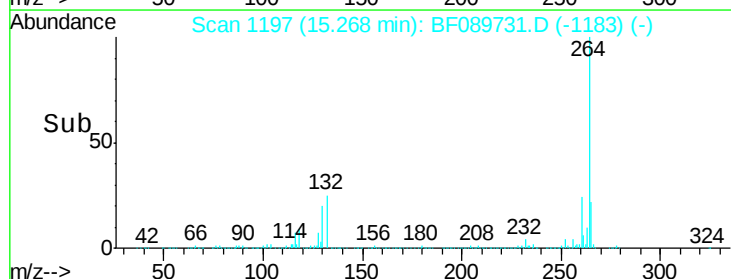
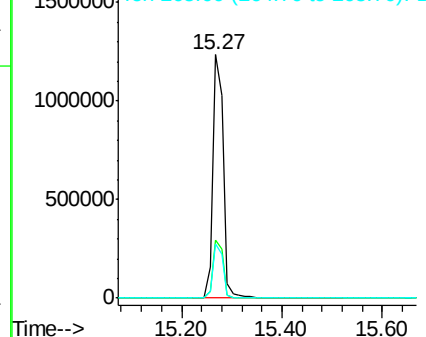


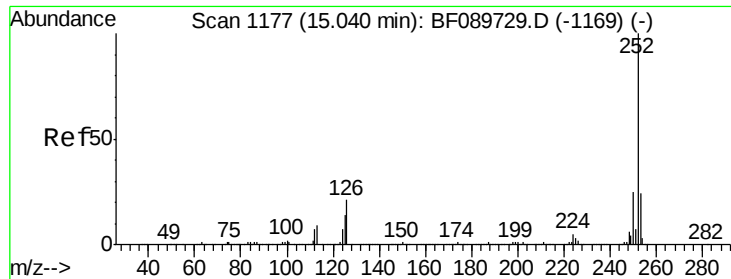
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.14 min
 Lab File: BF089731.D
 Acq: 16 Aug 2016 18:09

Tgt Ion: 264 Resp: 1763526
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.2
 265 22.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 1500000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





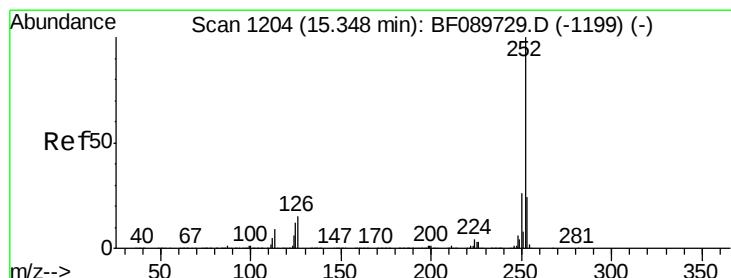
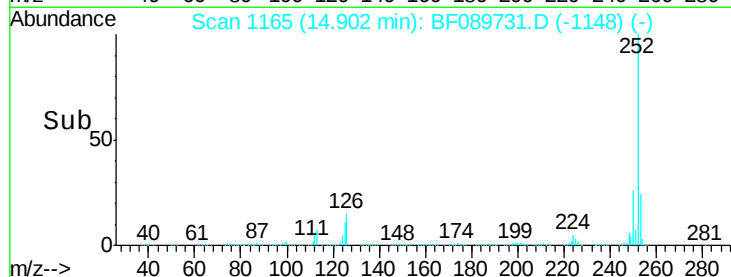
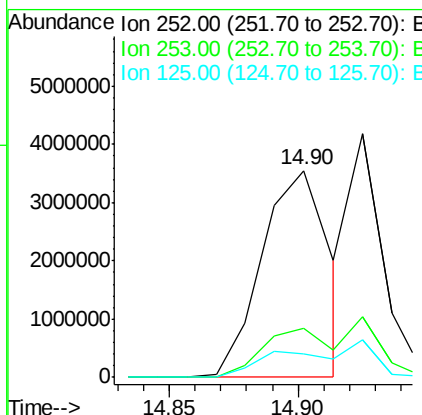
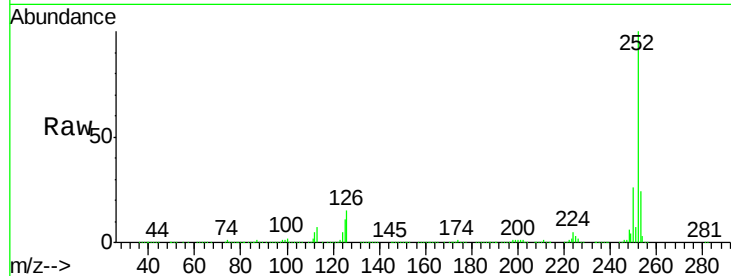
#87
Benzo(b)fluoranthene
Concen: 59.71 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 6516356
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.2 11.4 17.2#

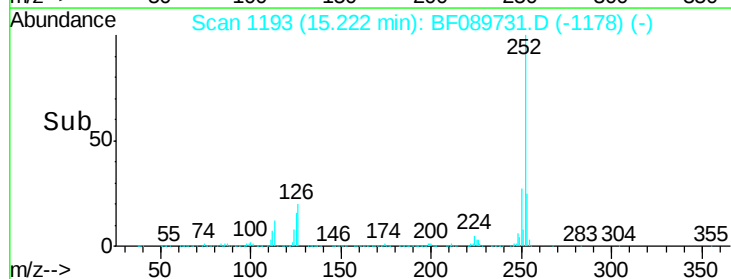
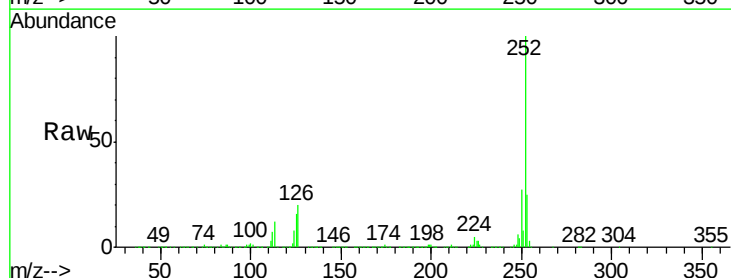
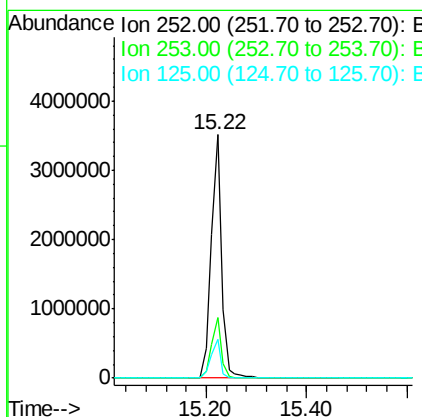
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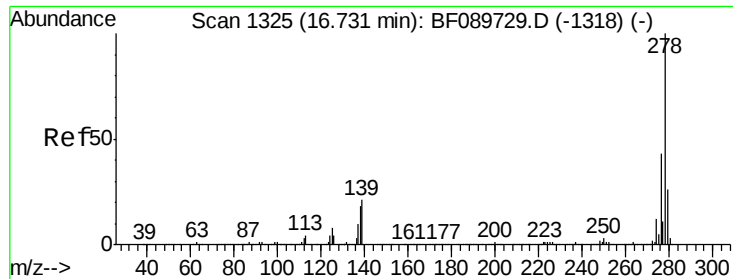
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#89
Benzo(a)pyrene
Concen: 54.83 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.13 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion:252 Resp: 5019528
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 15.9 11.7 17.5





#90
Dibenzo(a,h)anthracene
Concen: 59.82 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.14 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

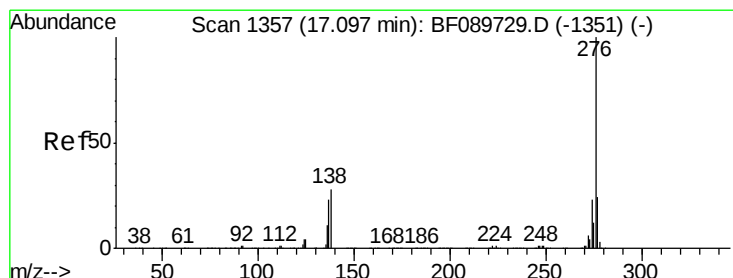
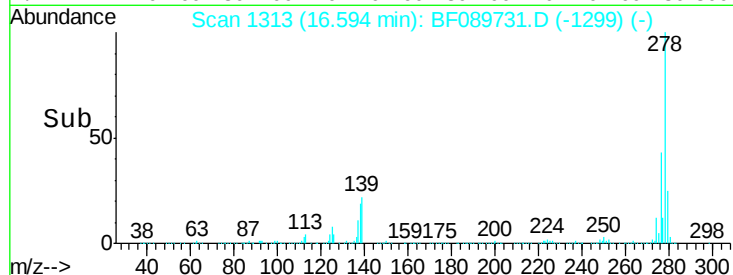
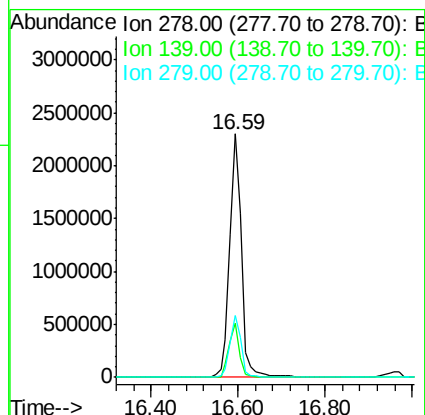
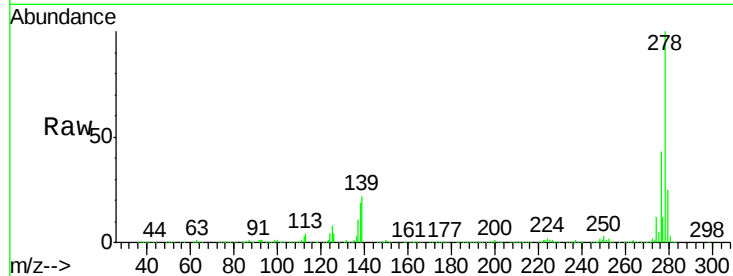
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion: 278 Resp: 4301030

Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.9	22.3
279	25.3	19.2	28.8

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#91
Benzo(g,h,i)perylene
Concen: 60.04 ng
RT: 16.96 min Scan# 1345
Delta R.T. -0.14 min
Lab File: BF089731.D
Acq: 16 Aug 2016 18:09

Tgt Ion: 276 Resp: 4375390

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	29.0	22.1	33.1

