

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089894.D
 Acq On : 25 Aug 2016 1:33
 Operator : UM/SJ
 Sample : H4576-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Manual Integrations
 APPROVED

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 8/25/2016 6:49:57 PM

Quant Time: Aug 25 15:42:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	438548	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1754149	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	838257	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1554246	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1174744	20.00	ng	-0.01
86) Perylene-d12	15.37	264	999263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3578713	139.94	ng	0.00
7) Phenol-d6	6.32	99	4304484	137.12	ng	0.00
23) Nitrobenzene-d5	7.24	82	2707220	95.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	1048052	131.56	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3612684	75.75	ng	-0.01
78) Terphenyl-d14	12.78	244	3158520	60.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	488999	38.64	ng	96
3) Pyridine	2.82	79	1404826	42.32	ng	93
4) n-Nitrosodimethylamine	2.79	42	583203	47.19	ng	# 85
6) Aniline	6.33	93	1299096	30.85	ng	# 1
8) 2-Chlorophenol	6.46	128	1487507	48.64	ng	81
9) Benzaldehyde	6.20	77	317041	15.50	ng	88
10) Phenol	6.33	94	2030925	55.20	ng	93
11) bis(2-Chloroethyl)ether	6.41	93	1193927	41.85	ng	96
12) 1,3-Dichlorobenzene	6.60	146	1342728	42.00	ng	100
13) 1,4-Dichlorobenzene	6.68	146	1376226	41.88	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1419553	46.27	ng	99
15) Benzyl Alcohol	6.82	79	1093217	52.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1489864	40.80	ng	93
17) 2-Methylphenol	6.94	107	1080210	45.10	ng	98
18) Hexachloroethane	7.19	117	534924	45.64	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	909560	45.30	ng	90
20) 3+4-Methylphenols	7.10	107	1460480	49.73	ng	# 55
22) Acetophenone	7.08	105	1616693	40.14	ng	# 89
24) Nitrobenzene	7.26	77	1267358	40.01	ng	99
25) Isophorone	7.50	82	2548669	44.75	ng	99
26) 2-Nitrophenol	7.58	139	797376	50.45	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	1178700	41.38	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1765448	50.11	ng	96
29) 2,4-Dichlorophenol	7.82	162	1100152	46.03	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	1120792	42.39	ng	99
31) Naphthalene	7.98	128	3406777	41.55	ng	98
32) Benzoic acid	7.70	122	166006	7.48	ng	99
33) 4-Chloroaniline	8.03	127	572108	16.10	ng	97
34) Hexachlorobutadiene	8.10	225	555848	40.15	ng	100
35) Caprolactam	8.40	113	359422m	49.38	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1176856	45.46	ng	98
37) 2-Methylnaphthalene	8.67	142	2626169	49.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	834037	30.73	ng	98
40) Hexachlorocyclopentadiene	8.83	237	1029291	109.22	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	769407	45.05	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	757848	44.62	nq	95
45) 1,1'-Biphenyl	9.14	154	2704253	41.69	nq	95
46) 2-Chloronaphthalene	9.15	162	2115689	41.26	nq	100
47) 2-Nitroaniline	9.26	65	741745	50.72	nq	85
48) Acenaphthylene	9.58	152	3566555	46.29	nq	100
49) Dimethylphthalate	9.45	163	4157829	70.44	nq	97
50) 2,6-Dinitrotoluene	9.51	165	698532	51.26	nq	# 79
51) Acenaphthene	9.75	154	2417747	47.41	nq	99
52) 3-Nitroaniline	9.67	138	550011	36.43	nq	89
53) 2,4-Dinitrophenol	9.77	184	236488	38.65	nq	# 76
54) Dibenzofuran	9.92	168	3234828	50.50	nq	92
55) 4-Nitrophenol	9.84	139	1131133	91.79	nq	98
56) 2,4-Dinitrotoluene	9.91	165	856631	48.45	nq	94
57) Fluorene	10.25	166	2295698	44.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	617937	49.99	nq	99
59) Diethylphthalate	10.15	149	2531333	42.22	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	942492	40.48	nq	94
61) 4-Nitroaniline	10.28	138	762411	53.86	nq	94
62) Azobenzene	10.41	77	2557359	45.37	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	321188	35.96	nq	85
65) n-Nitrosodiphenylamine	10.38	169	2228240	45.60	nq	98
66) 4-Bromophenyl-phenylether	10.74	248	687916	42.21	nq	# 83
67) Hexachlorobenzene	10.80	284	702803	37.81	nq	# 81
68) Atrazine	10.90	200	693553	46.34	nq	96
69) Pentachlorophenol	10.99	266	743294	70.54	nq	98
70) Phenanthrene	11.21	178	3232810	41.18	nq	96
71) Anthracene	11.26	178	3524170	44.16	nq	99
72) Carbazole	11.42	167	3058414	42.73	nq	98
73) Di-n-butylphthalate	11.77	149	4179875	46.68	nq	98
74) Fluoranthene	12.39	202	3169903	42.45	nq	93
76) Benzidine	12.52	184	1614322	42.46	nq	96
77) Pyrene	12.62	202	3181436	33.26	nq	96
79) Butylbenzylphthalate	13.28	149	1891542	43.78	nq	90
80) Benzo(a)anthracene	13.85	228	2931032	43.57	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	719016	32.60	nq	# 94
82) Chrysene	13.90	228	2600263	45.08	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	2513498	42.23	nq	98
84) Di-n-octyl phthalate	14.57	149	4240235	53.62	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	2426649	32.98	nq	99
87) Benzo(b)fluoranthene	14.98	252	2534177	46.10	nq	97
88) Benzo(k)fluoranthene	15.02	252	2439515m	48.91	nq	
89) Benzo(a)pyrene	15.31	252	2224258	42.75	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	2040841	36.14	nq	97
91) Benzo(g,h,i)perylene	17.05	276	2042185	34.34	nq	98

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

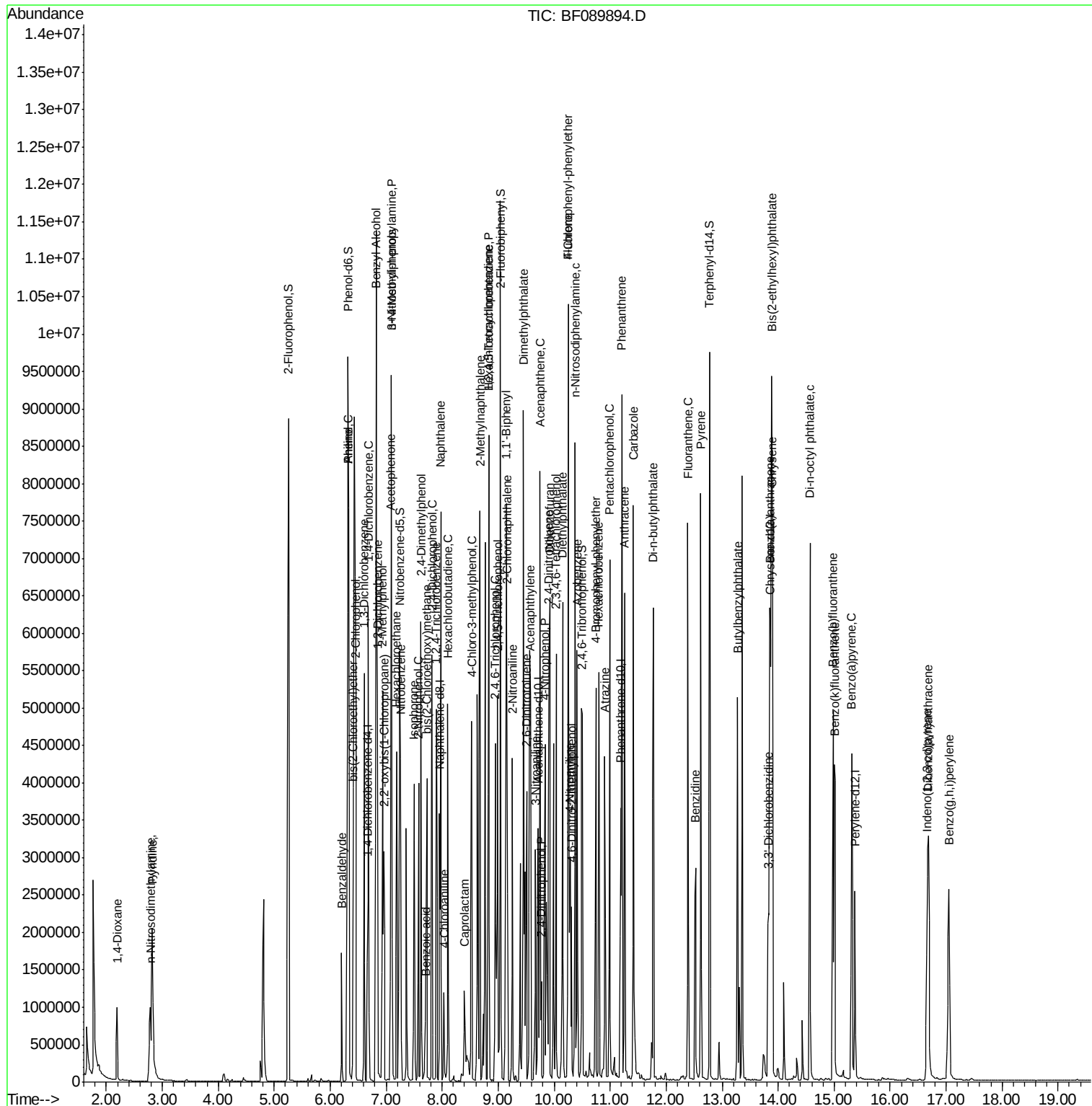
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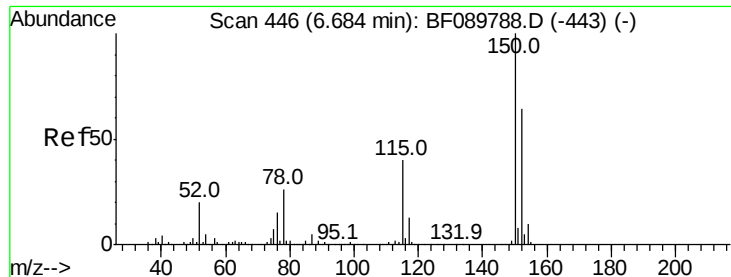
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

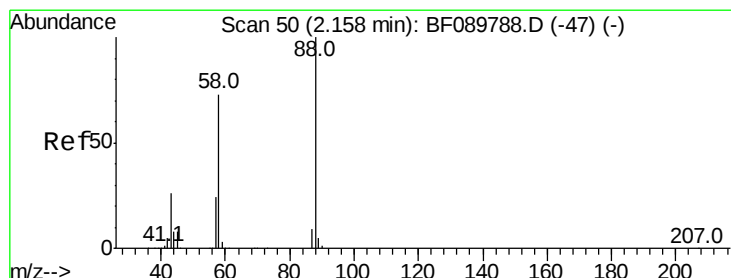
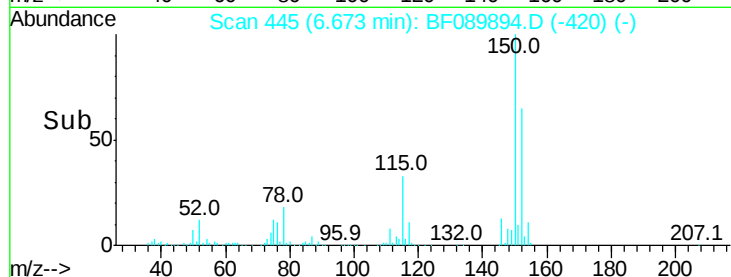
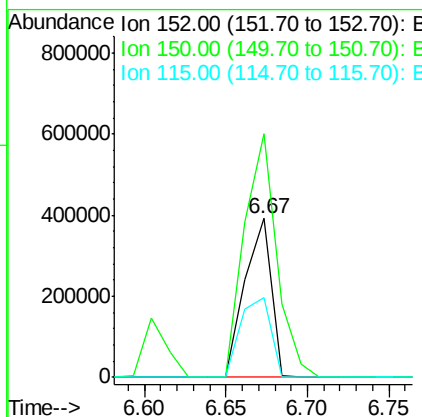
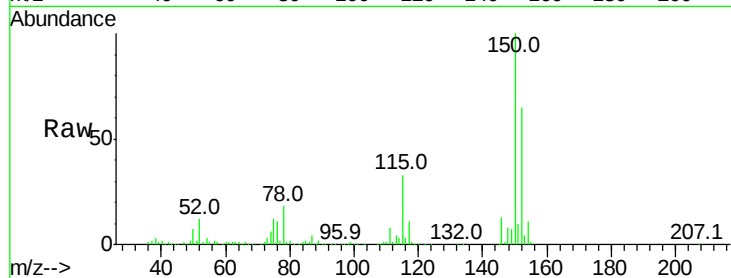
ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:	152	Resp:	438548
Ion Ratio	Lower	Upper	
152	100		
150	153.1	125.3	187.9
115	49.9	40.9	61.3

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#2

1,4-Dioxane

Concen: 38.64 ng

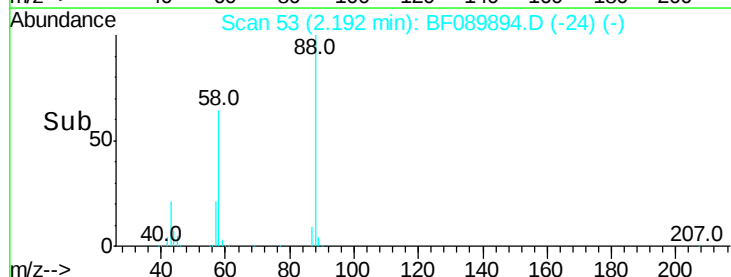
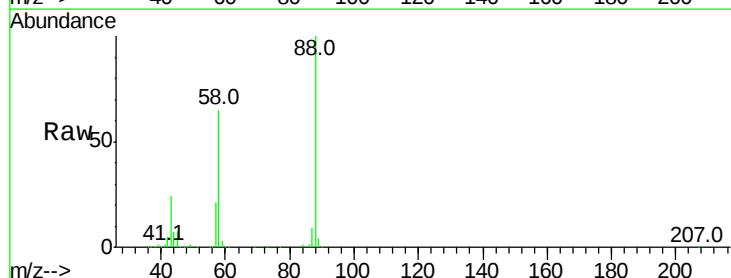
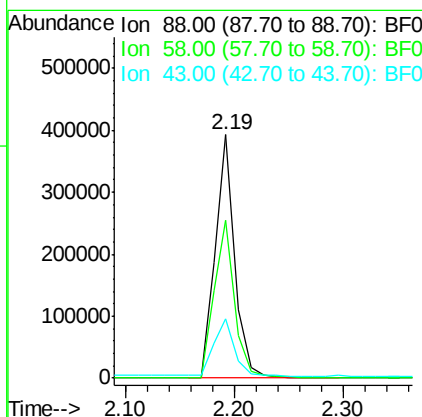
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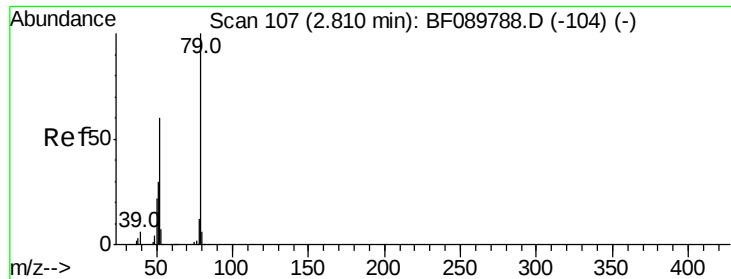
Delta R.T. 0.03 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:	88	Resp:	488999
Ion Ratio	Lower	Upper	
88	100		
58	67.7	57.0	85.4
43	24.8	21.8	32.8





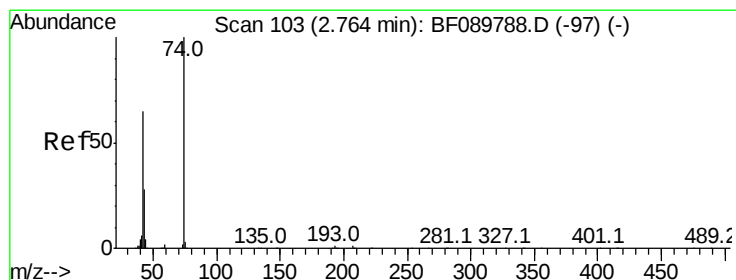
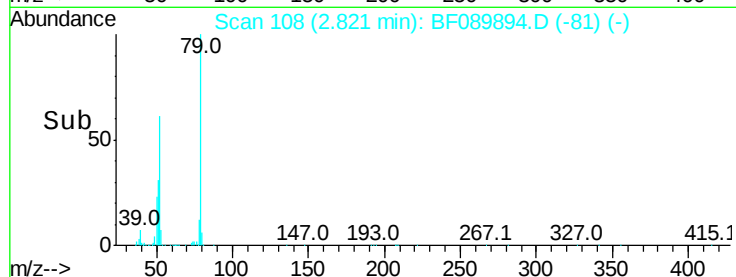
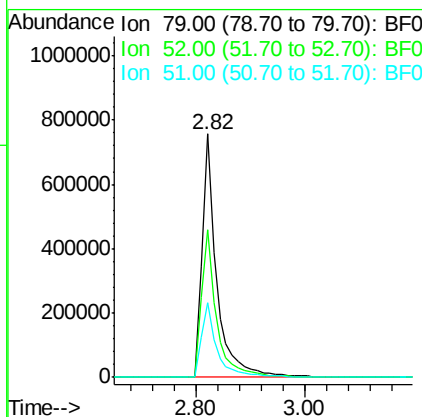
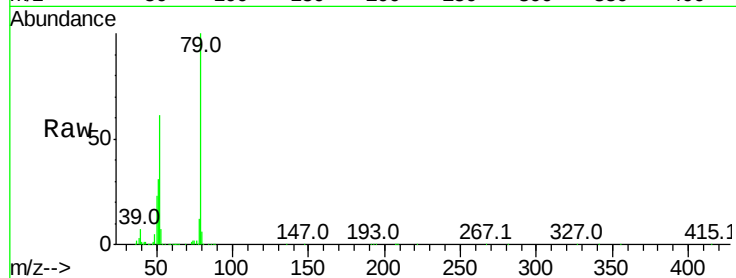
#3
 Pvridine
 Concen: 42.32 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
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 SB-15A-(18-20)MS

Tot Ion: 79 Resp: 1404826
 Ion Ratio Lower Upper
 79 100
 52 60.5 53.6 80.4
 51 30.9 26.6 39.8

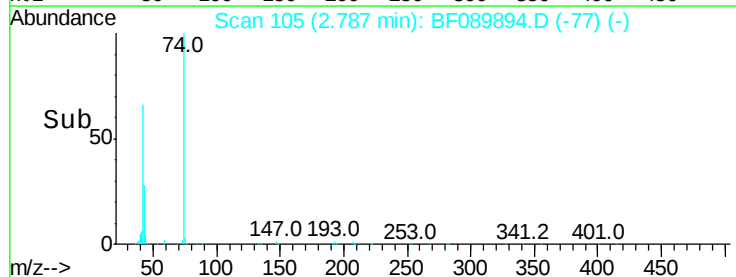
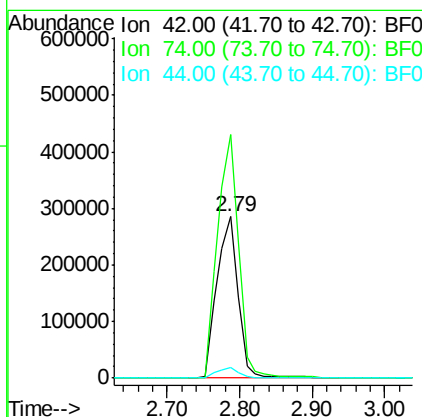
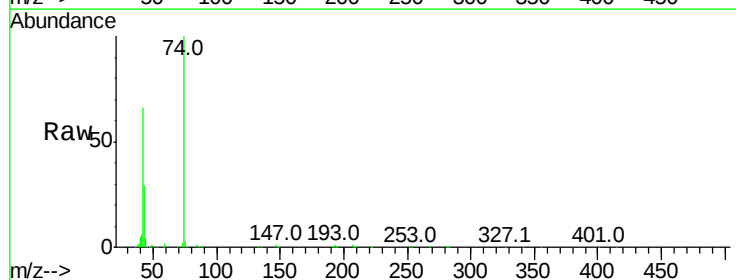
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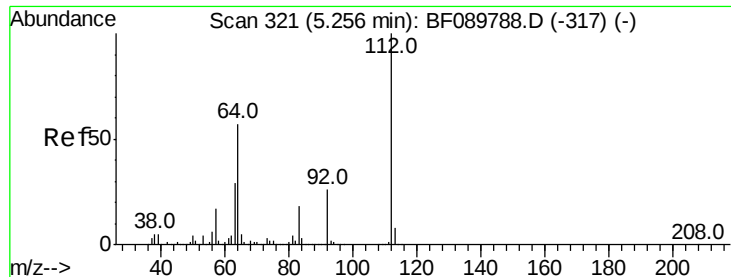
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#4
 n-Nitrosodimethylamine
 Concen: 47.19 ng
 RT: 2.79 min Scan# 105
 Delta R.T. 0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 42 Resp: 583203
 Ion Ratio Lower Upper
 42 100
 74 150.6 106.2 159.2
 44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 139.94 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:112 Resp: 3578713

Ion Ratio Lower Upper

112 100

64 49.6 45.0 67.4

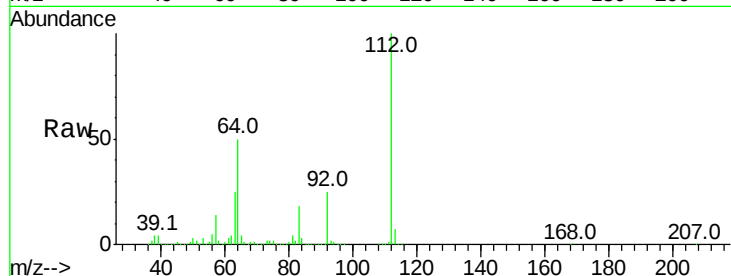
63 25.3 23.1 34.7

Manual Integrations

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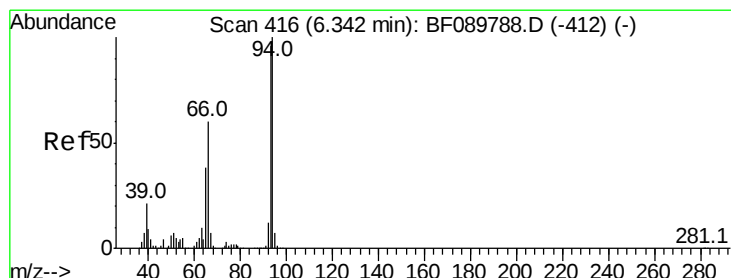
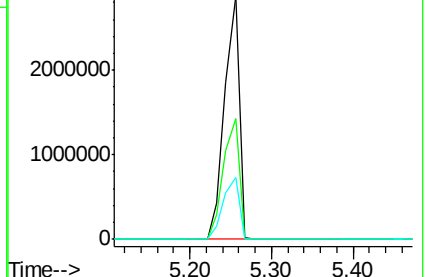
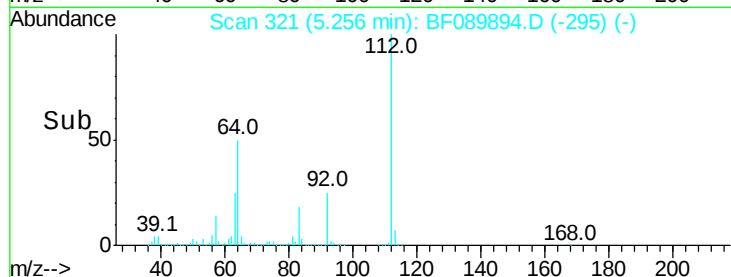
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Abundance Ion 112.00 (111.70 to 112.70): BF089894.D (-295) (-)

Ion 64.00 (63.70 to 64.70): BF089894.D (-295) (-)

Ion 63.00 (62.70 to 63.70): BF089894.D (-295) (-)



#6

Aniline

Concen: 30.85 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

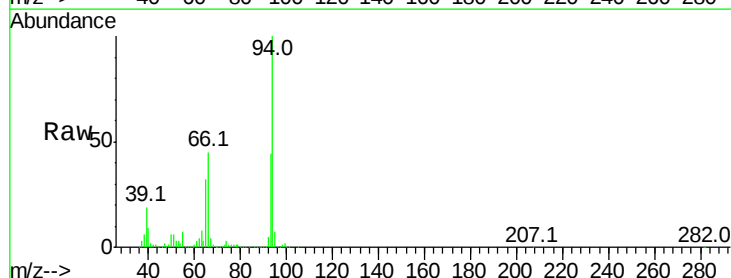
Tgt Ion: 93 Resp: 1299096

Ion Ratio Lower Upper

93 100

66 102.4 30.6 46.0#

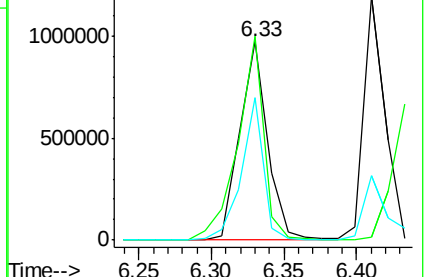
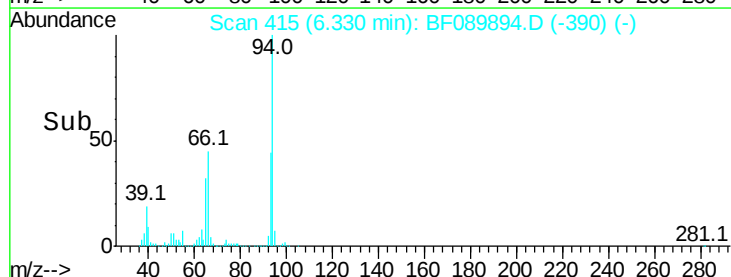
65 71.8 15.4 23.2#

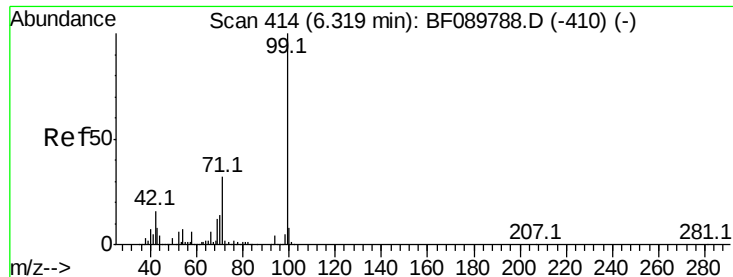


Abundance Ion 93.00 (92.70 to 93.70): BF089894.D (-390) (-)

Ion 66.00 (65.70 to 66.70): BF089894.D (-390) (-)

Ion 65.00 (64.70 to 65.70): BF089894.D (-390) (-)





#7

Phenol-d6

Concen: 137.12 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

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BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion: 99 Resp: 4304484

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.4

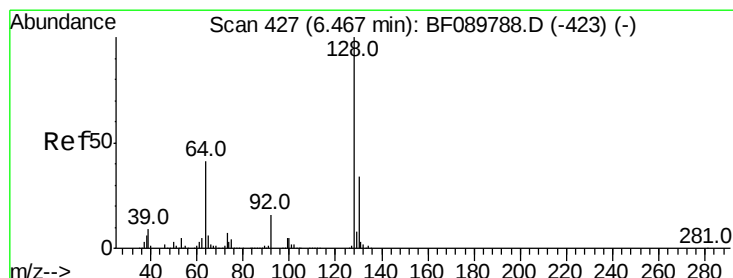
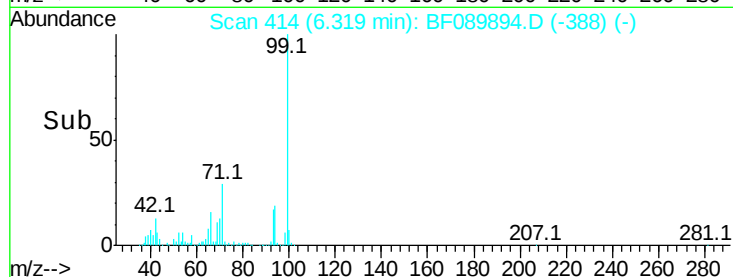
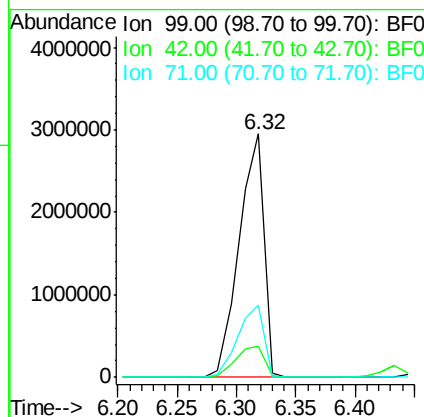
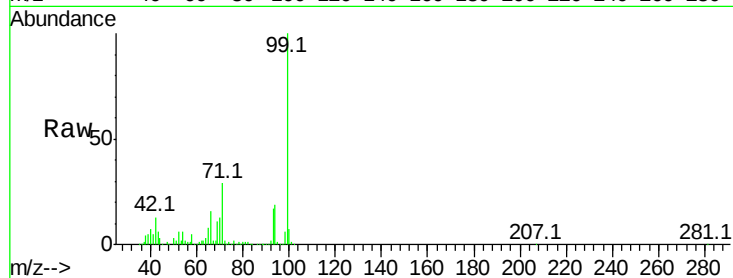
71 29.4 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 48.64 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

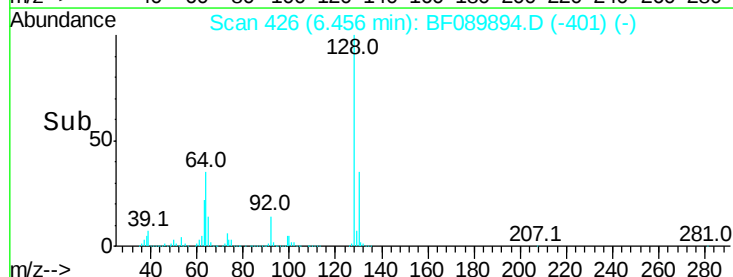
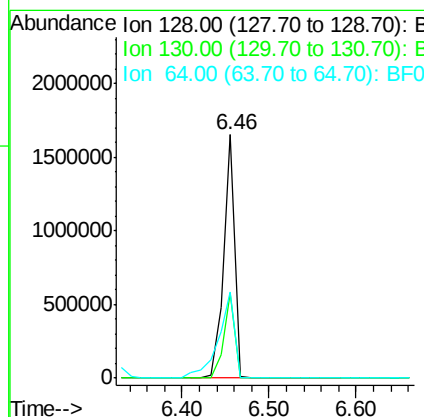
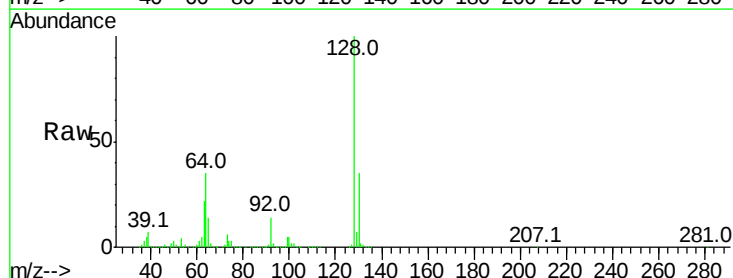
Tgt Ion:128 Resp: 1487507

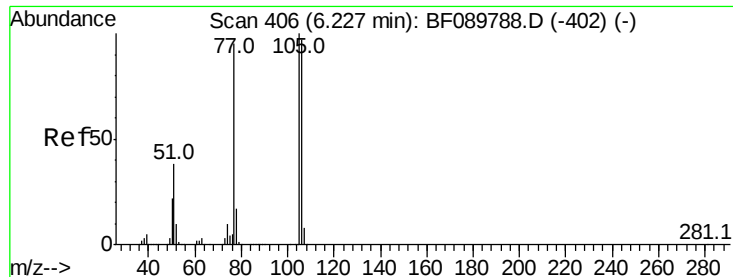
Ion Ratio Lower Upper

128 100

130 34.7 12.0 52.0

64 35.4 35.1 75.1





#9

Benzaldehyde

Concen: 15.50 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

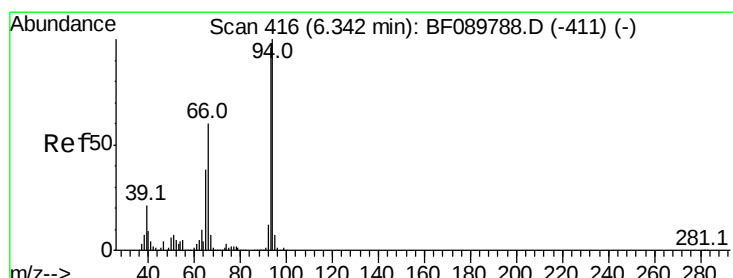
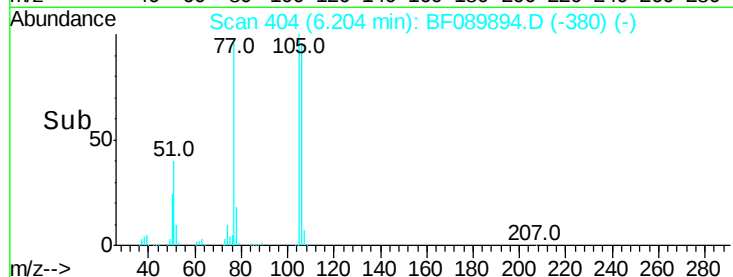
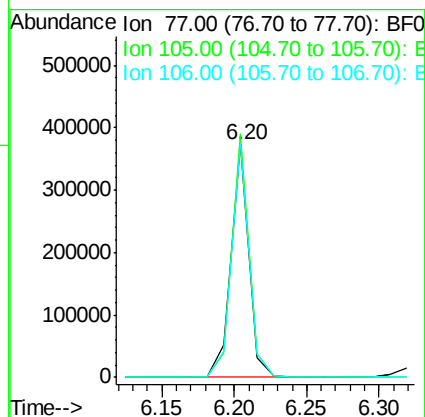
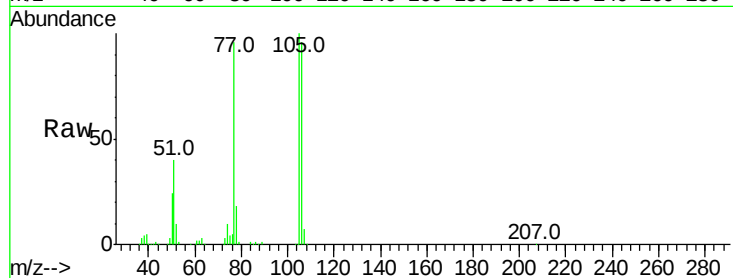
ClientSampleId :

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Tot Ion:	77	Resp:	317041
Ion Ratio	Lower	Upper	
77	100		
105	104.5	73.3	113.3
106	100.1	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 55.20 ng

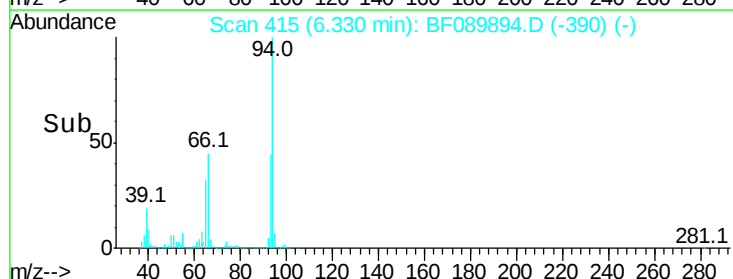
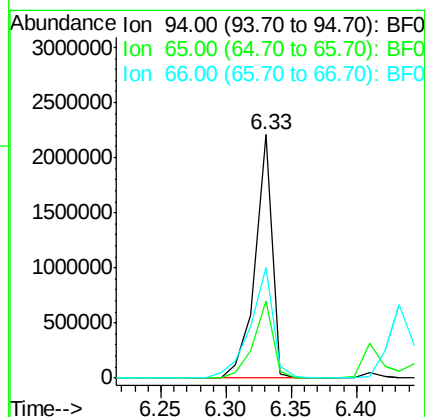
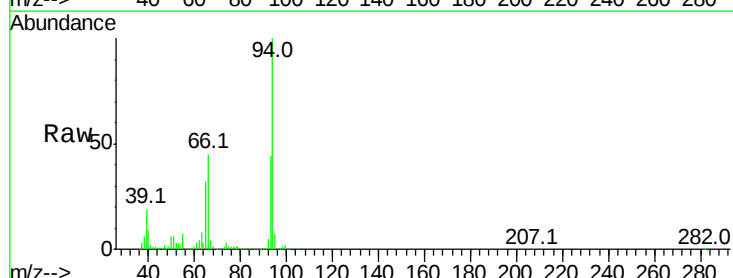
RT: 6.33 min Scan# 415

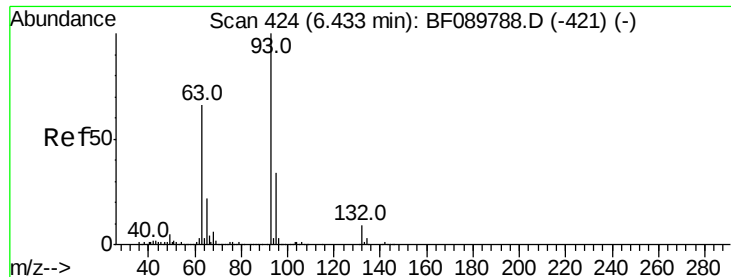
Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:	94	Resp:	2030925
Ion Ratio	Lower	Upper	
94	100		
65	31.6	14.0	54.0
66	45.1	31.2	71.2





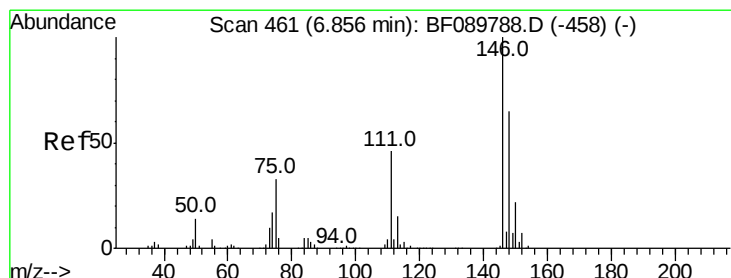
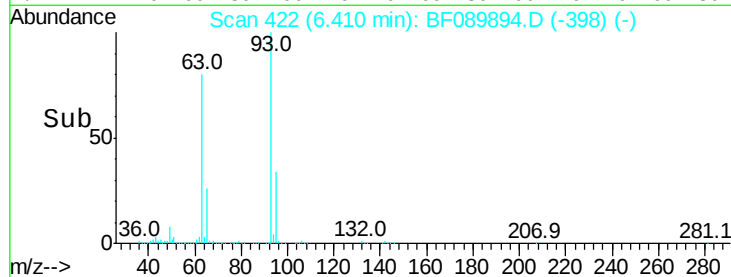
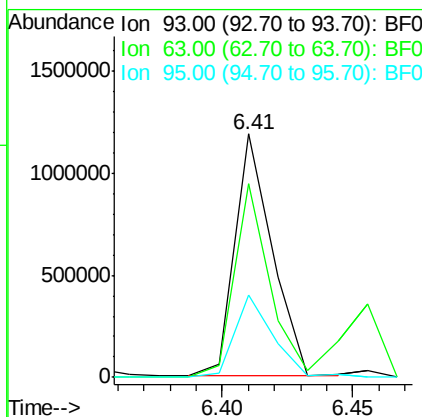
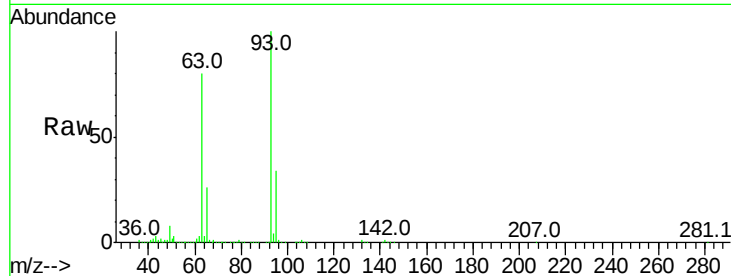
#11
bis(2-Chloroethyl)ether
Concen: 41.85 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion: 93 Resp: 1193927
Ion Ratio Lower Upper
93 100
63 79.5 55.8 95.8
95 34.0 13.0 53.0

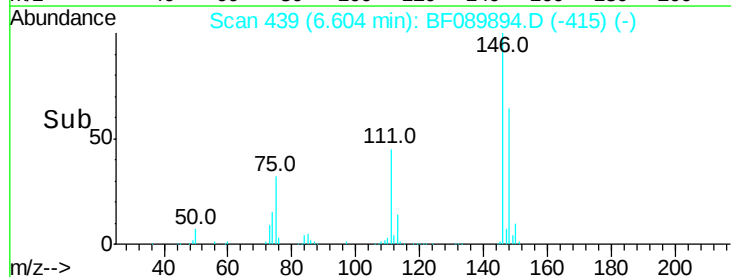
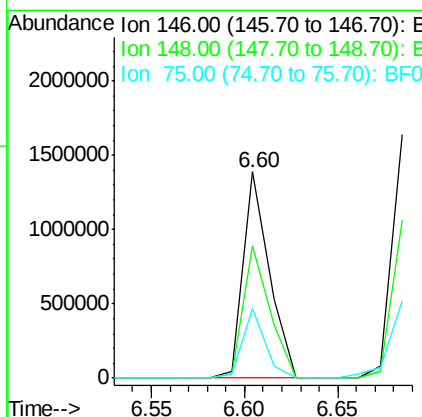
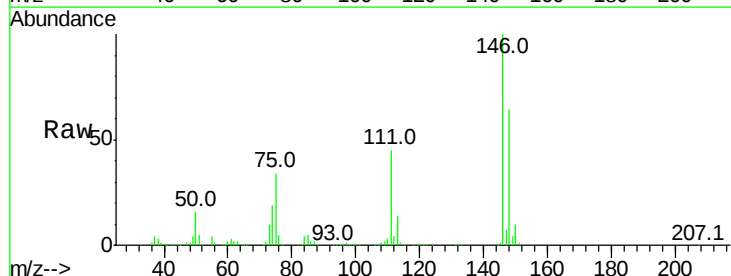
Manual Integrations
APPROVED

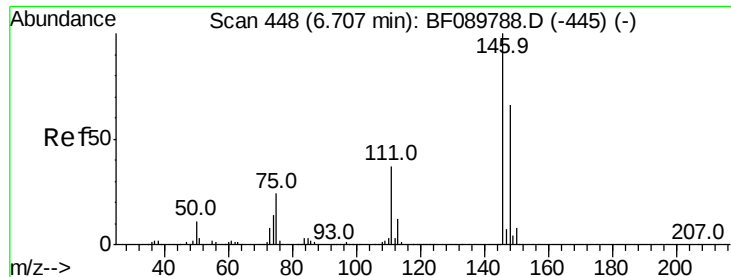
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#12
1,3-Dichlorobenzene
Concen: 42.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion: 146 Resp: 1342728
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 33.7 27.0 40.6





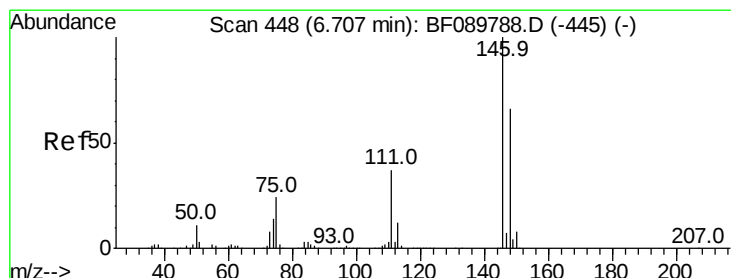
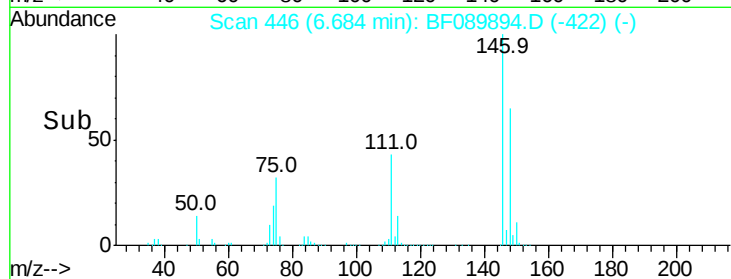
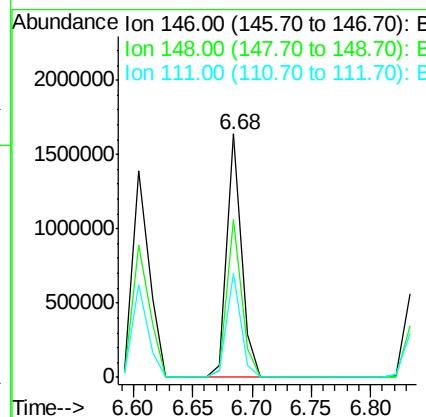
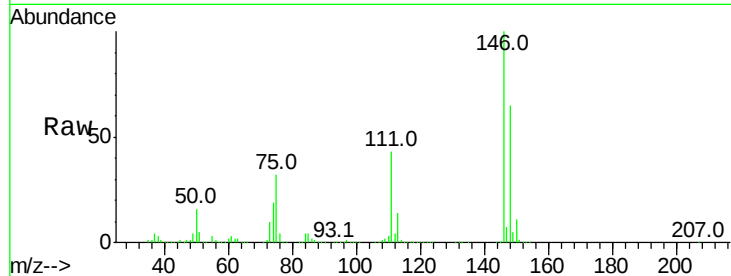
#13
1,4-Dichlorobenzene
Concen: 41.88 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion:146 Resp: 1376226
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 42.6 34.6 52.0

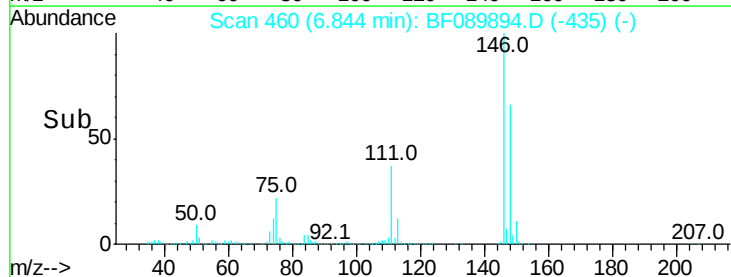
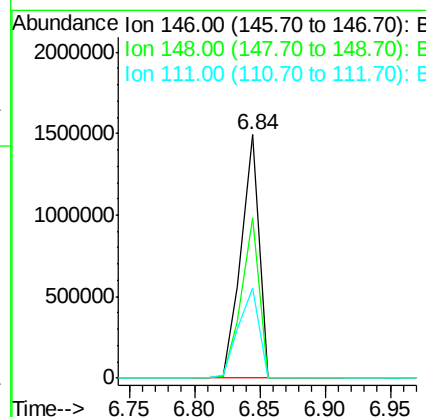
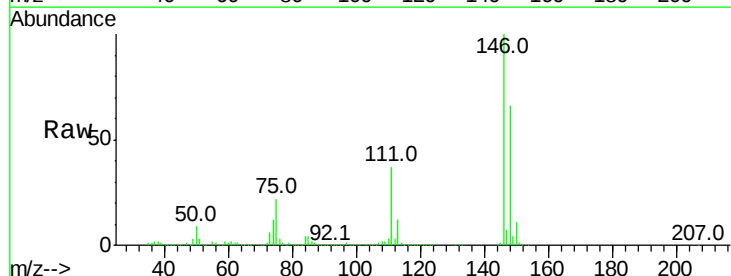
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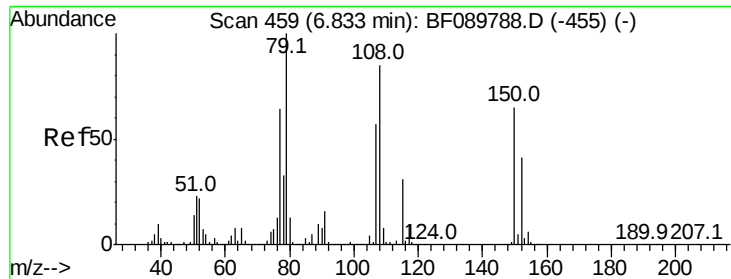
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#14
1,2-Dichlorobenzene
Concen: 46.27 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:146 Resp: 1419553
Ion Ratio Lower Upper
146 100
148 66.1 52.2 78.2
111 37.0 29.8 44.6





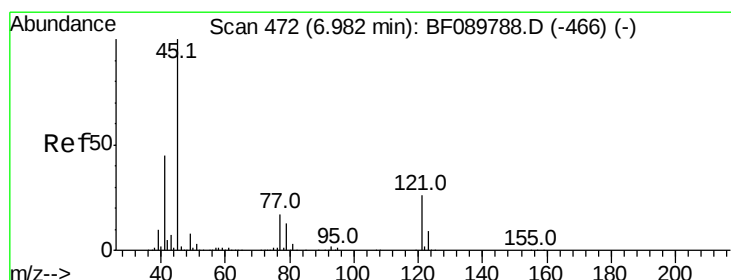
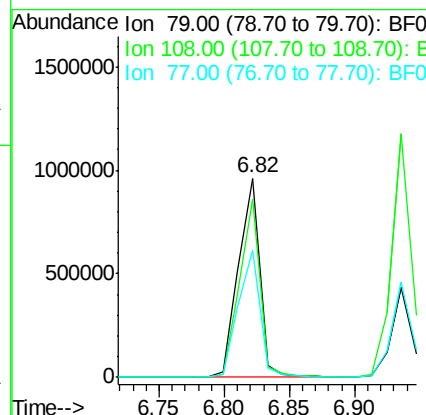
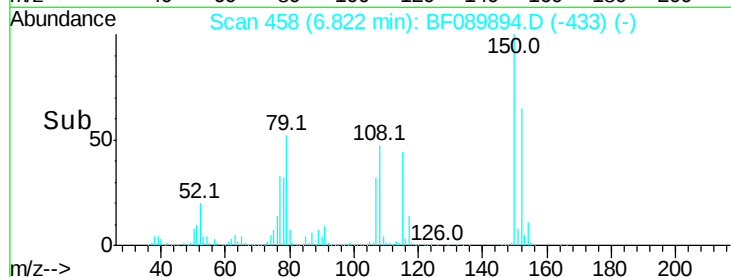
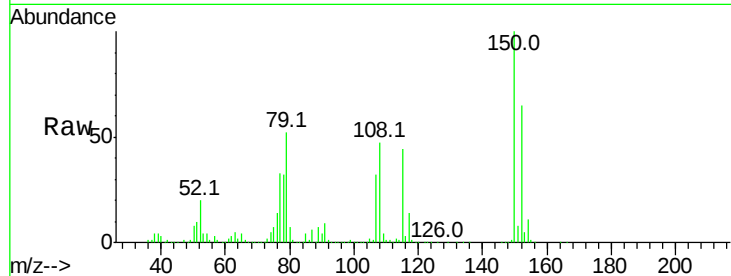
#15
Benzyl Alcohol
Concen: 52.51 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion: 79 Resp: 1093217
Ion Ratio Lower Upper
79 100
108 90.0 62.5 93.7
77 63.7 51.5 77.3

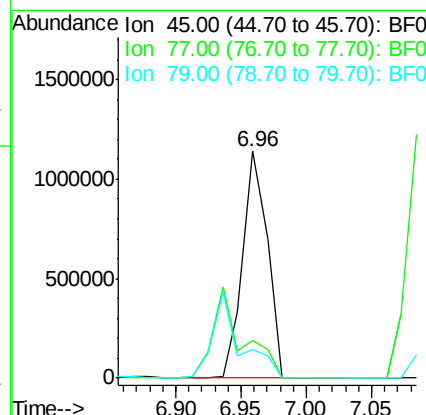
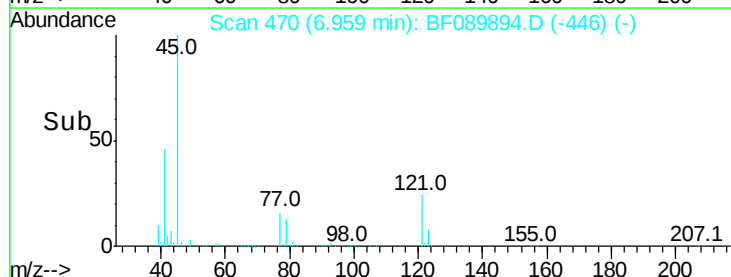
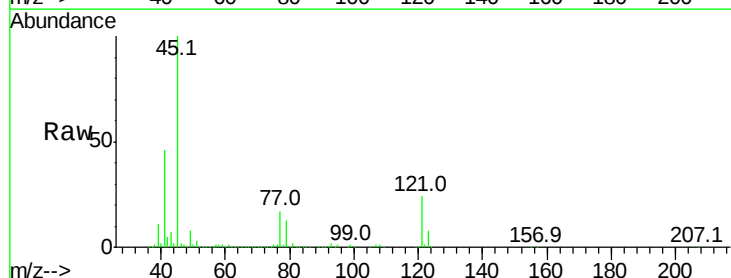
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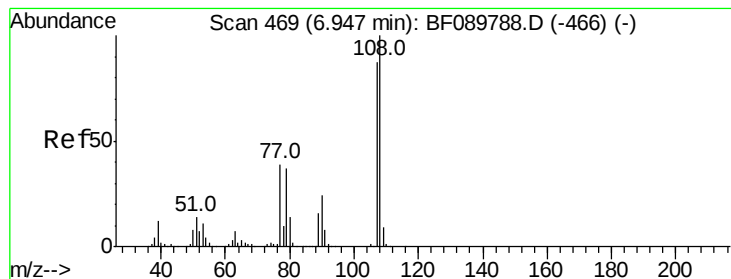
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.80 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion: 45 Resp: 1489864
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.5
79 12.8 0.0 30.7





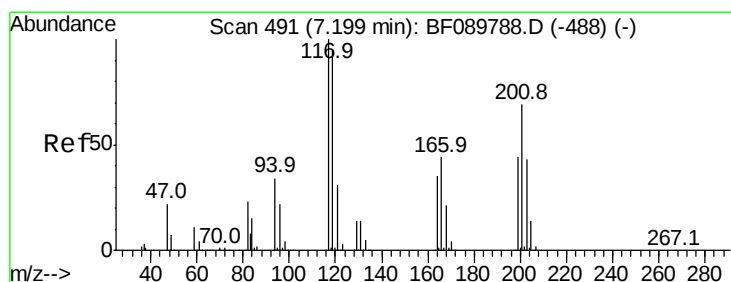
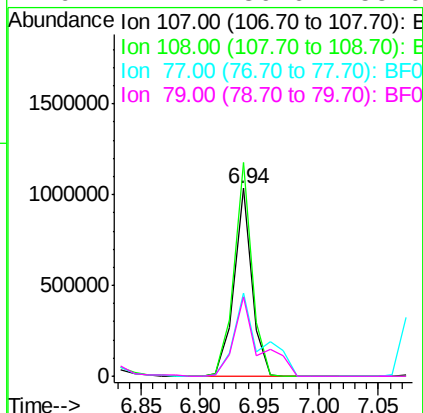
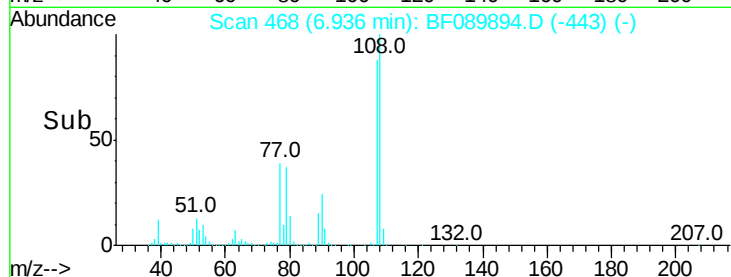
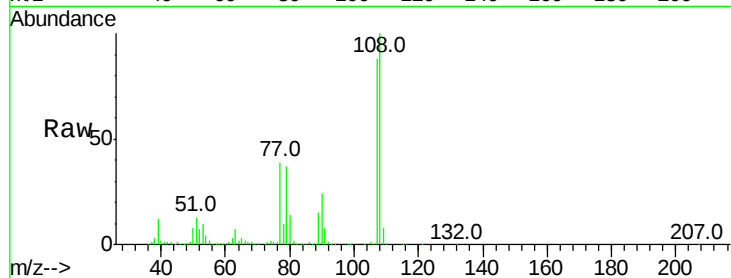
#17
2-Methylphenol
Concen: 45.10 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	107	Resp	1080210
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	44.3	37.4	56.0
79	42.1	36.6	55.0

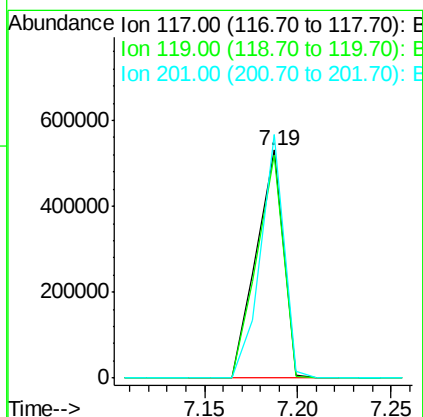
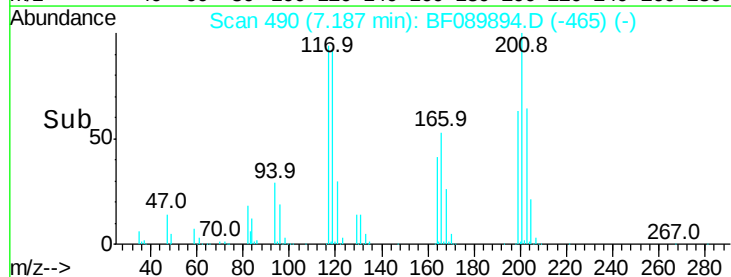
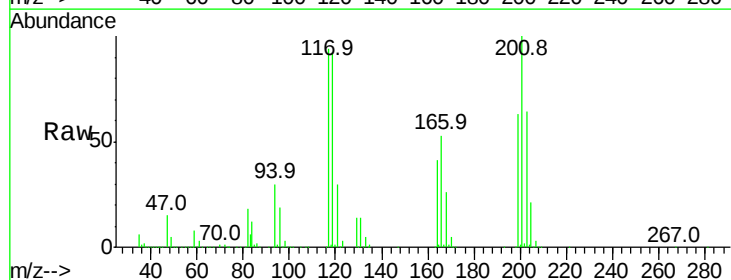
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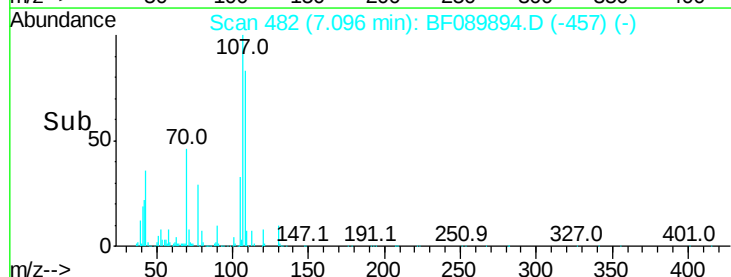
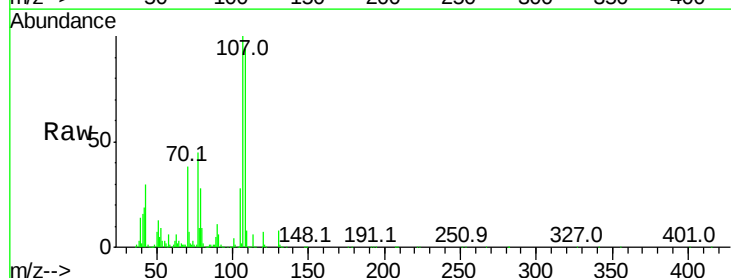
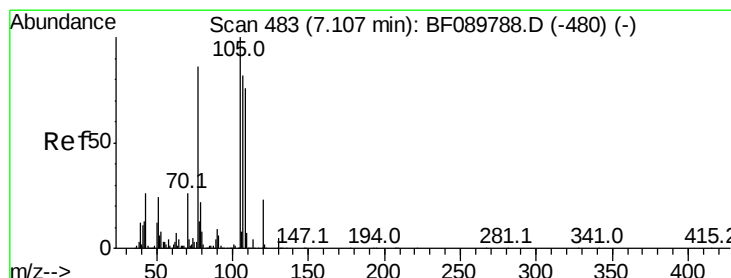
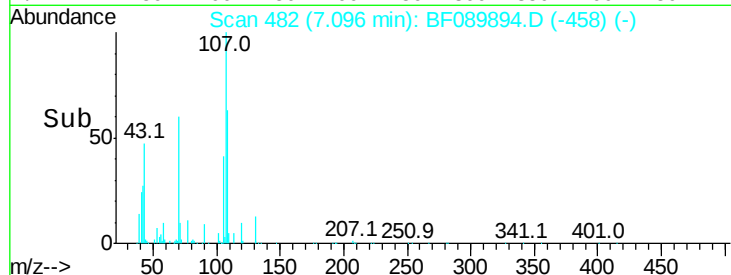
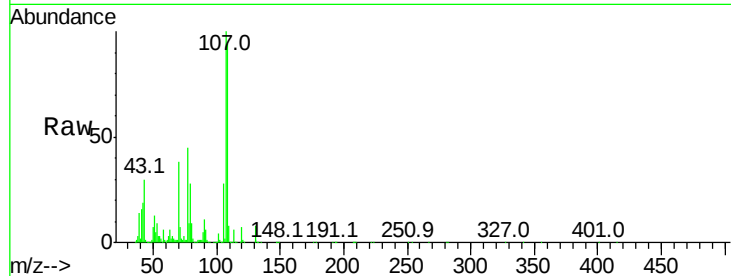
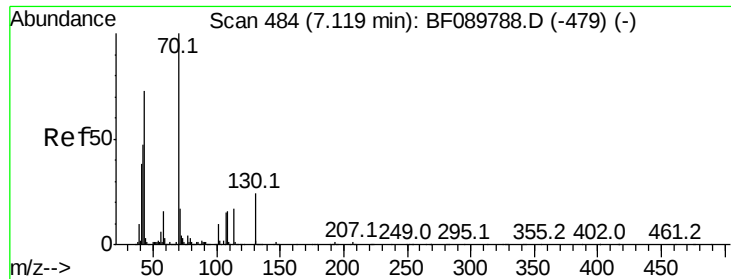
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#18
Hexachloroethane
Concen: 45.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	117	Resp	534924
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.1	115.7
201	106.8	76.9	115.3





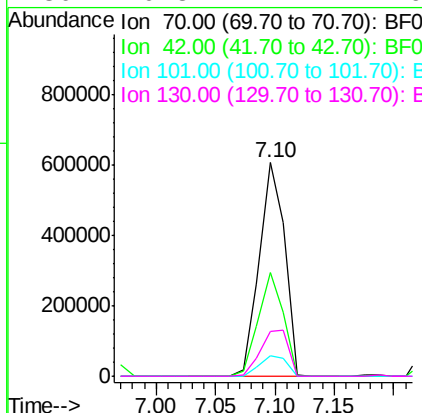
#19
n-Nitroso-di-n-propylamine
Concen: 45.30 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.6	46.3	69.5		
101	9.8	7.0	10.6		
130	20.8	14.4	21.6		

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

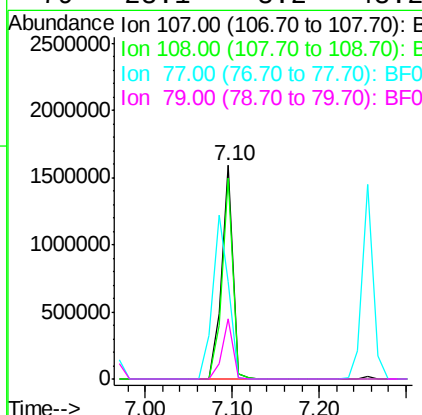
Manual Integrations
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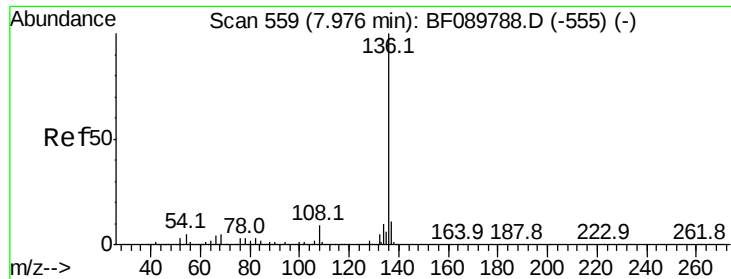
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#20
3+4-Methylphenols
Concen: 49.73 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.8	68.2	108.2		
77	45.3	122.3	162.3#		
79	28.1	8.2	48.2		





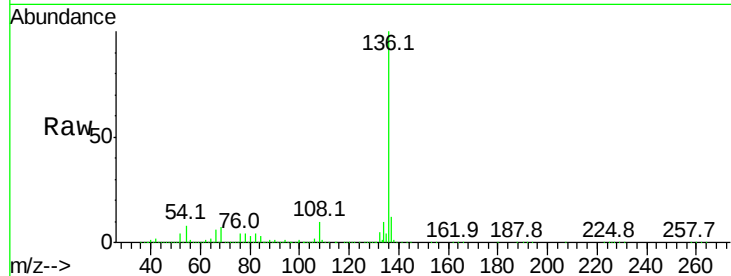
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	7.2	10.8
68	6.7	5.8	8.8

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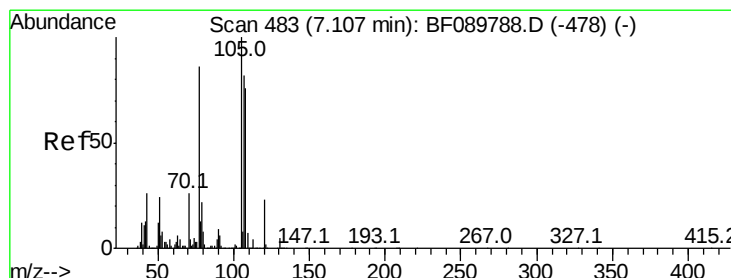
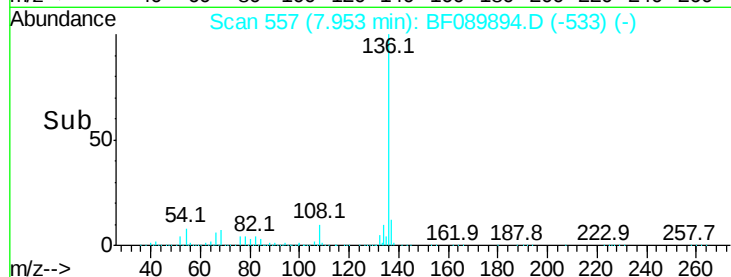
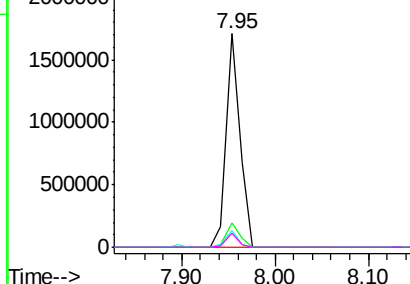
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	25.6	28.5	42.7#
120	21.7	16.6	25.0

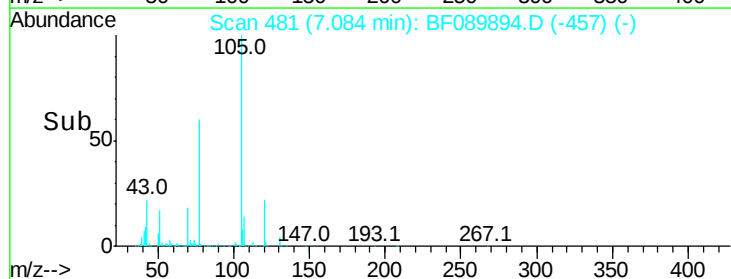
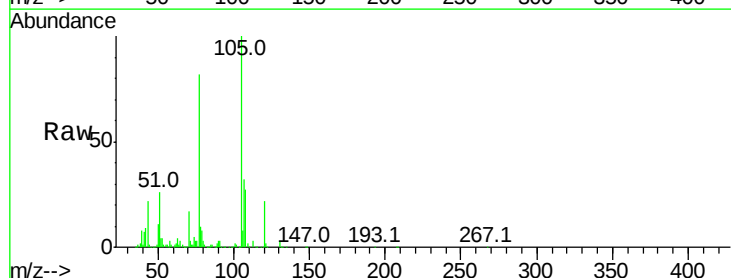
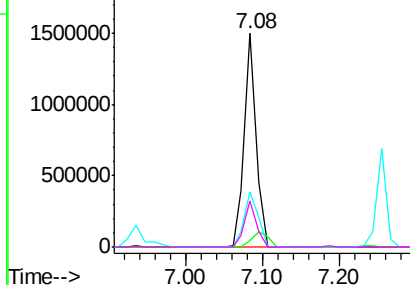
Abundance

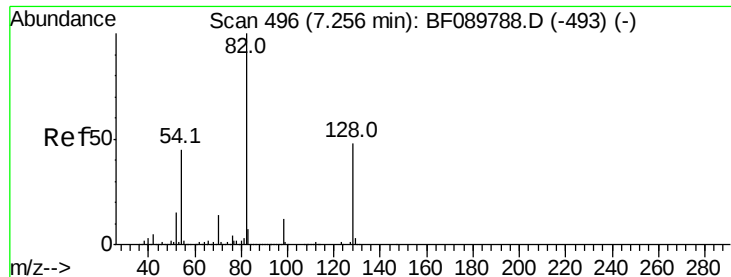
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





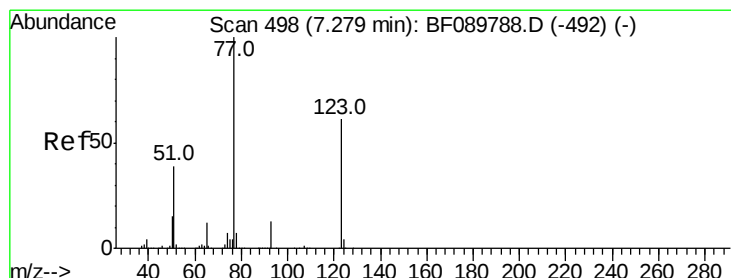
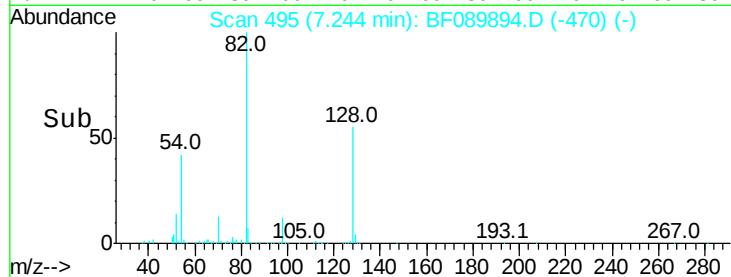
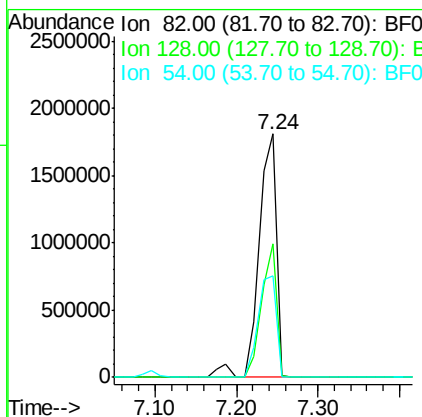
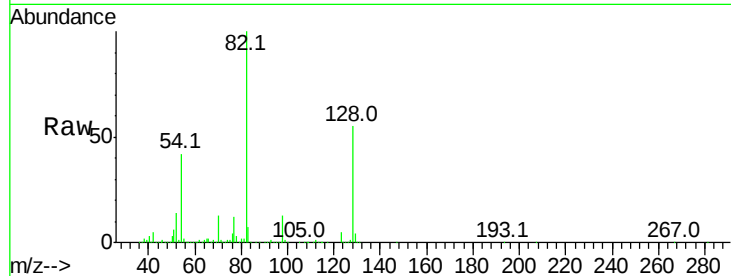
#23
 Nitrobenzene-d5
 Concen: 95.88 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion: 82 Resp: 2707220
 Ion Ratio Lower Upper
 82 100
 128 54.8 34.4 51.6#
 54 41.7 40.3 60.5

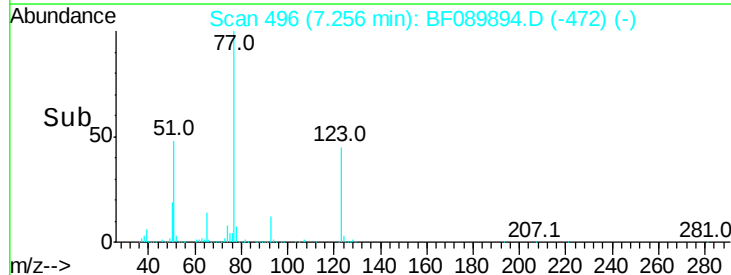
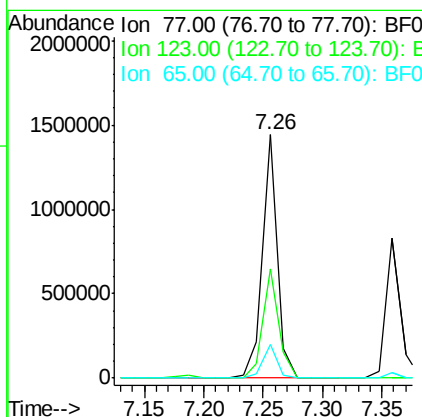
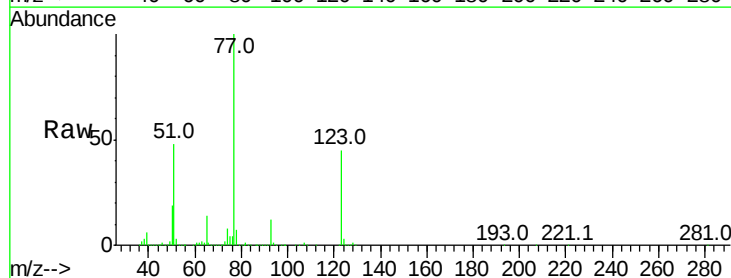
Manual Integrations
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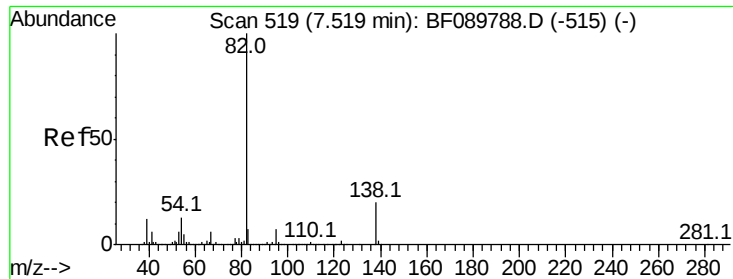
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#24
 Nitrobenzene
 Concen: 40.01 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 77 Resp: 1267358
 Ion Ratio Lower Upper
 77 100
 123 45.1 36.2 54.2
 65 13.9 10.6 15.8





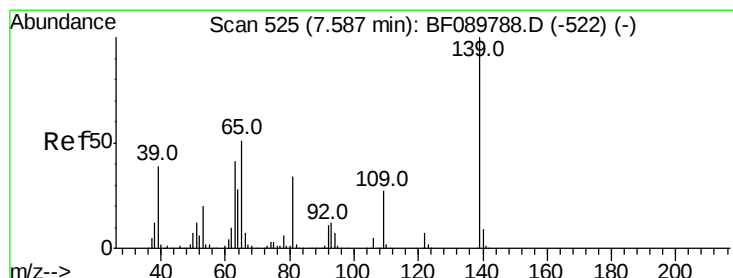
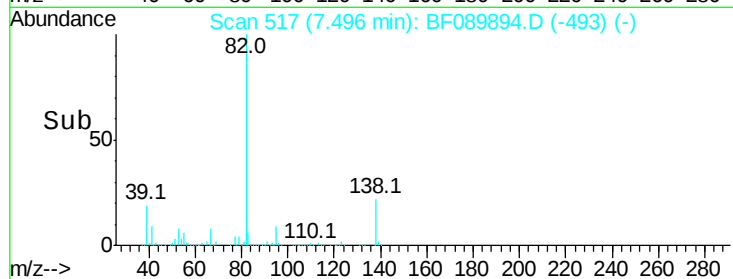
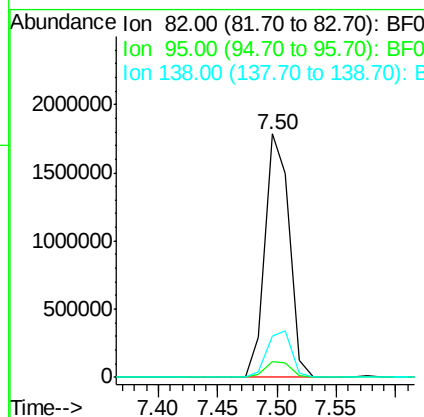
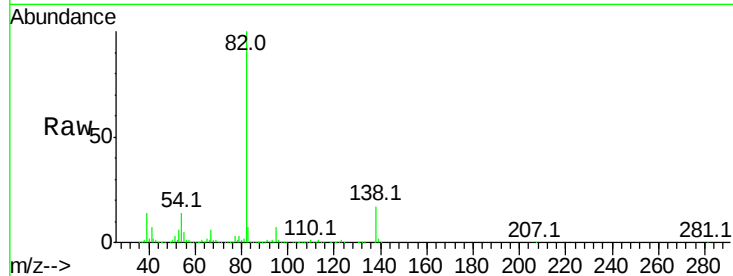
#25
Isophorone
Concen: 44.75 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	16.8	13.0	19.4

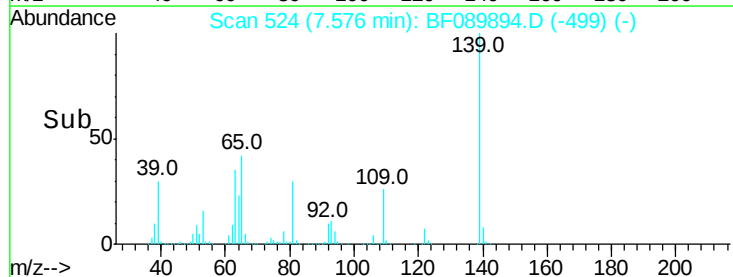
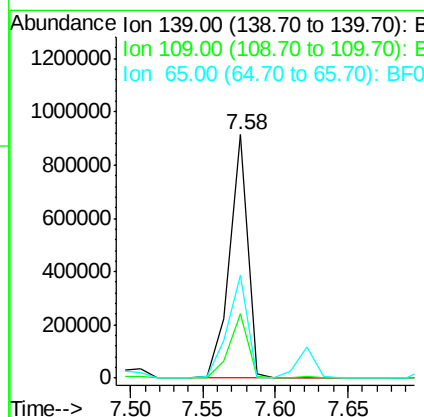
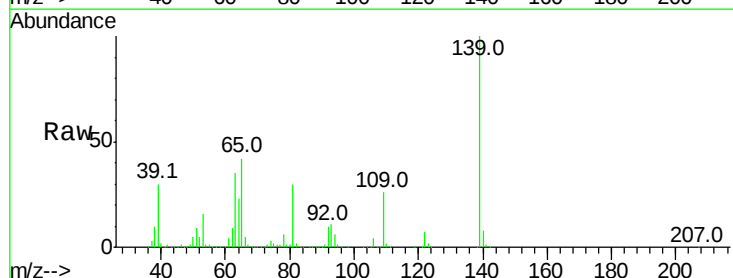
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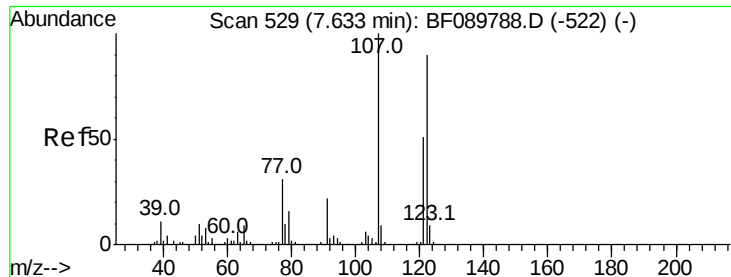
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#26
2-Nitrophenol
Concen: 50.45 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.2	19.5	29.3
65	42.4	26.5	39.7





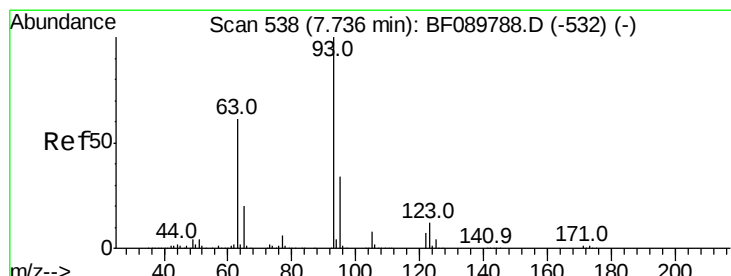
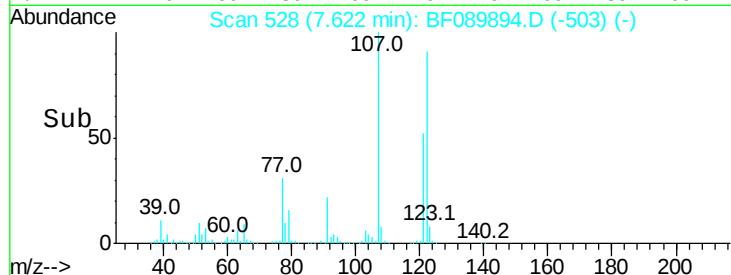
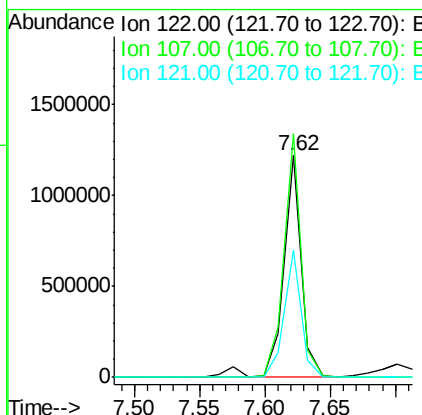
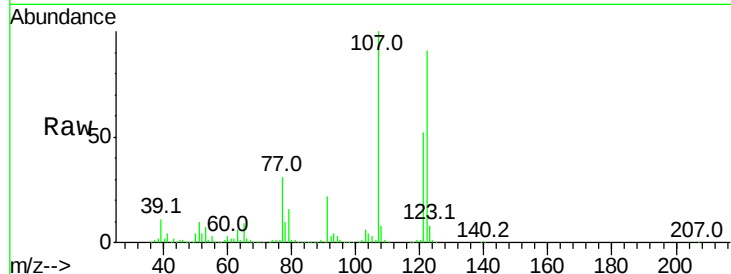
#27
2,4-Dimethylphenol
Concen: 41.38 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion:122 Resp: 1178700
Ion Ratio Lower Upper
122 100
107 109.8 84.8 127.2
121 57.3 47.0 70.6

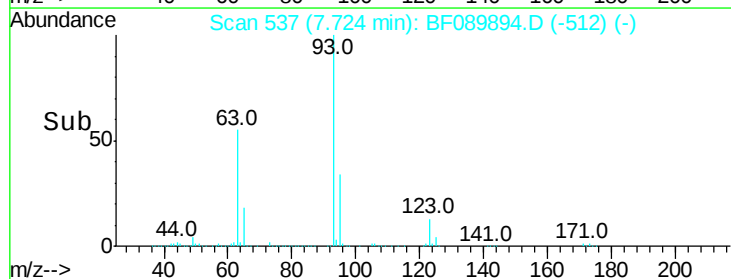
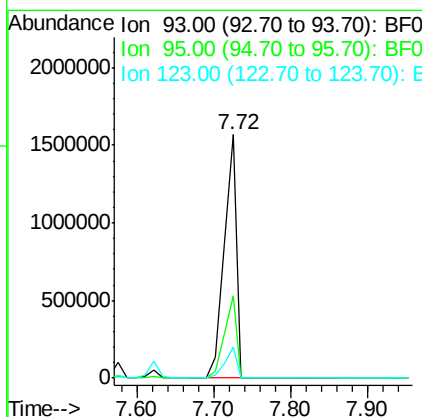
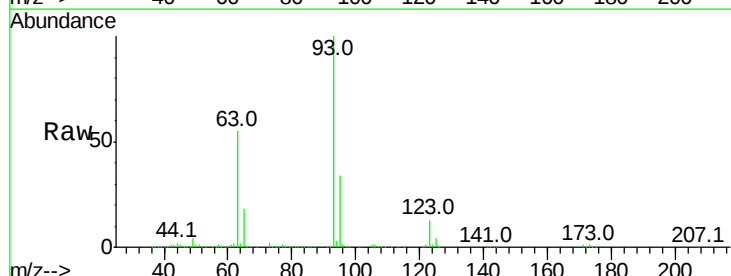
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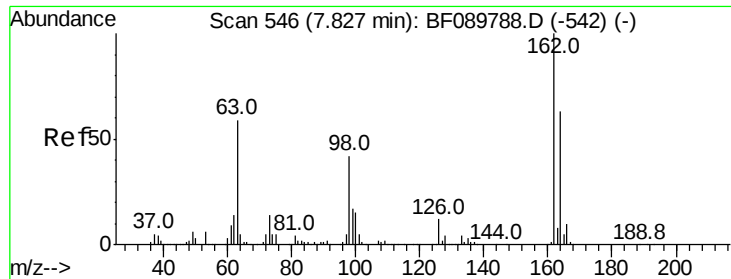
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#28
bis(2-Chloroethoxy)methane
Concen: 50.11 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion: 93 Resp: 1765448
Ion Ratio Lower Upper
93 100
95 33.8 25.5 38.3
123 12.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 46.03 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:162 Resp: 1100152

Ion Ratio Lower Upper

162 100

164 64.1 45.5 85.5

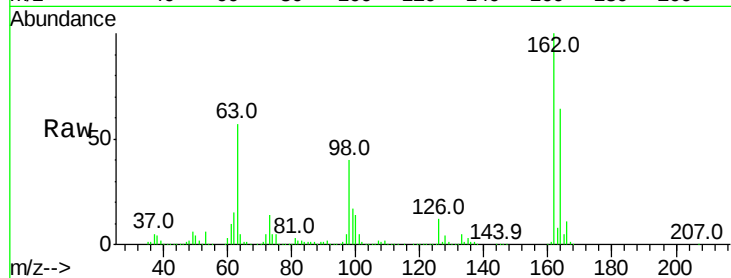
98 40.1 12.4 52.4

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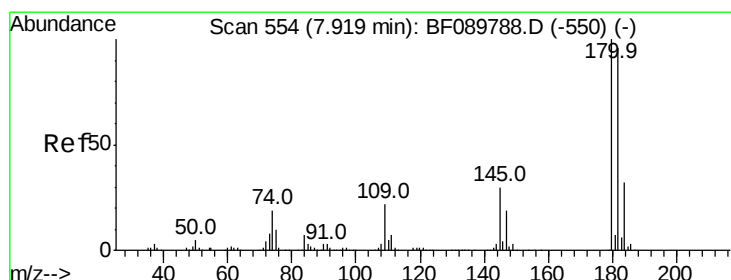
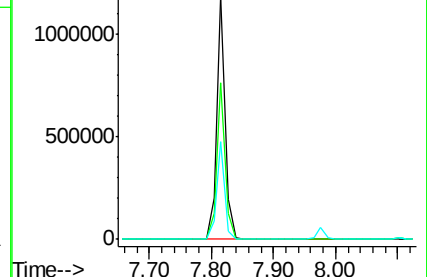
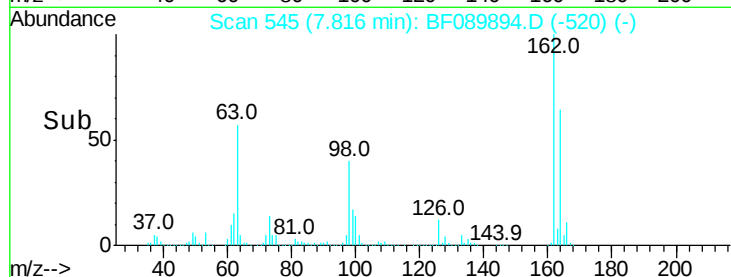
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.39 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

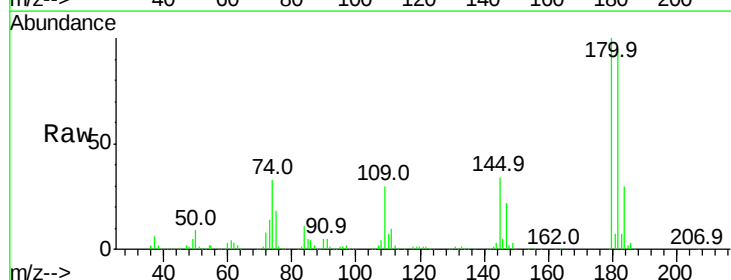
Tgt Ion:180 Resp: 1120792

Ion Ratio Lower Upper

180 100

182 93.8 75.5 113.3

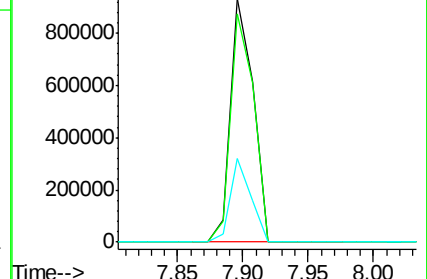
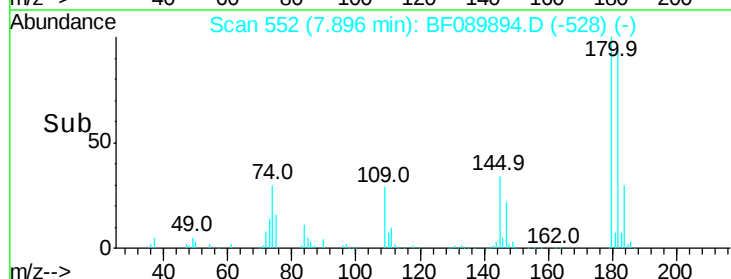
145 34.5 28.7 43.1

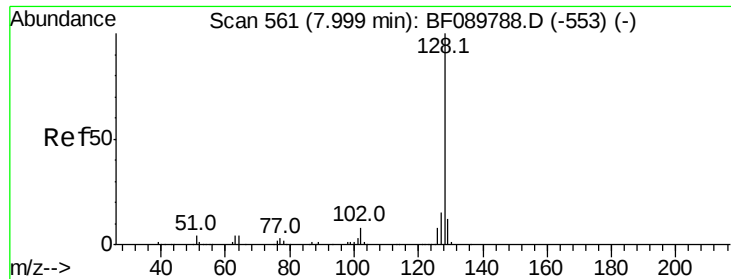


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





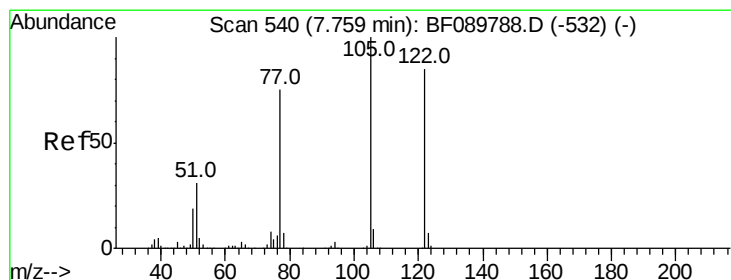
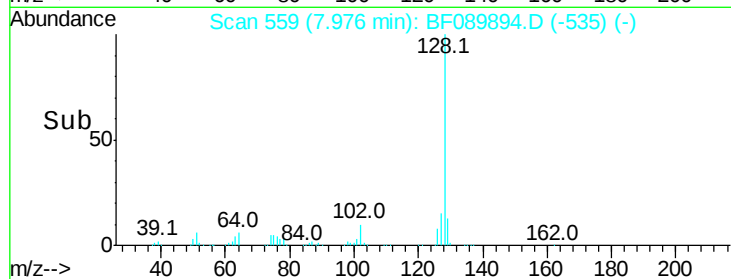
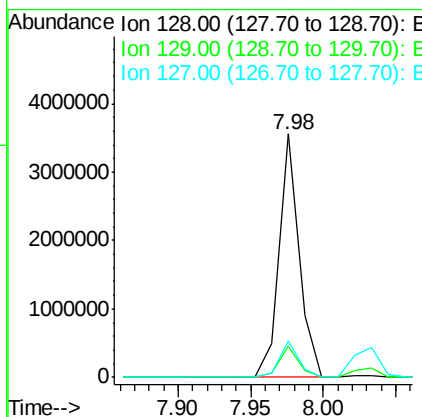
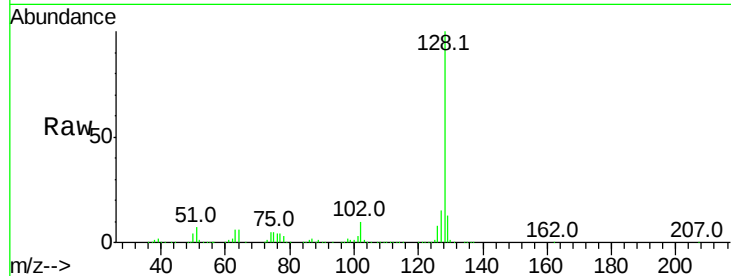
#31
Naphthalene
Concen: 41.55 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.5	14.3
127	14.7	11.3	16.9

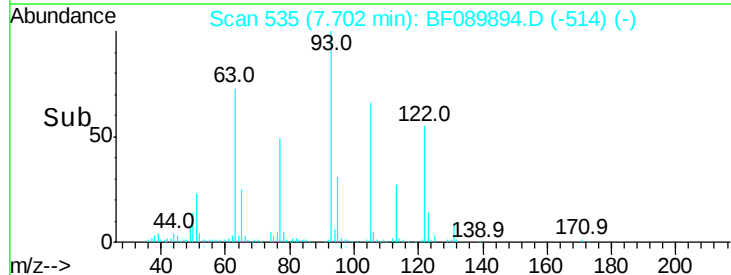
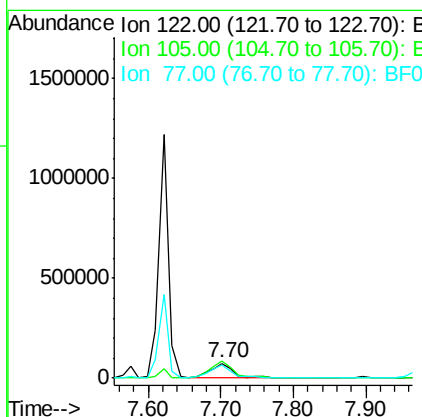
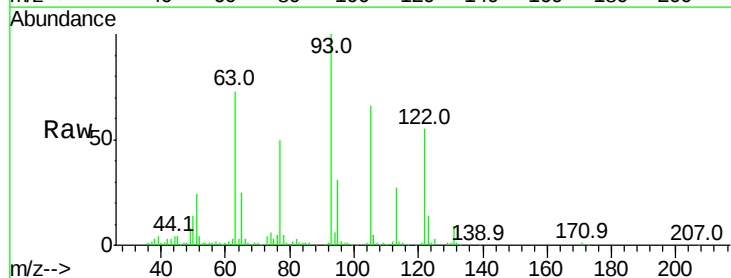
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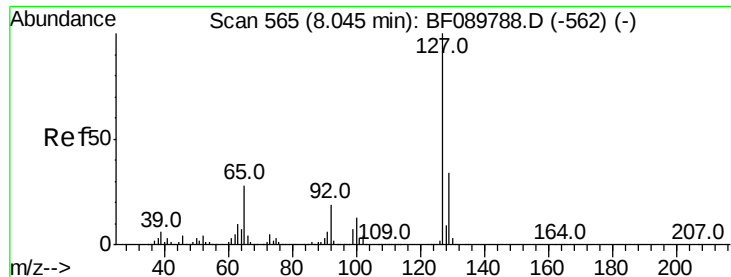
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#32
Benzoic acid
Concen: 7.48 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	100.8	140.8
77	91.4	72.1	112.1





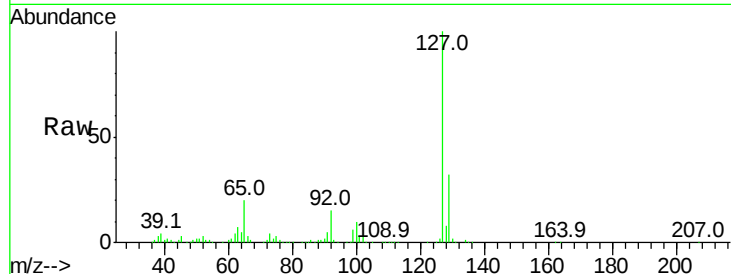
#33
4-Chloroaniline
Concen: 16.10 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

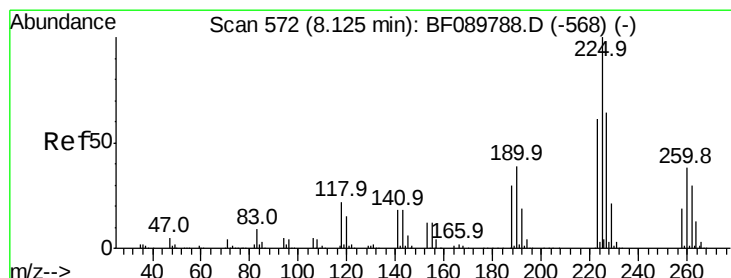
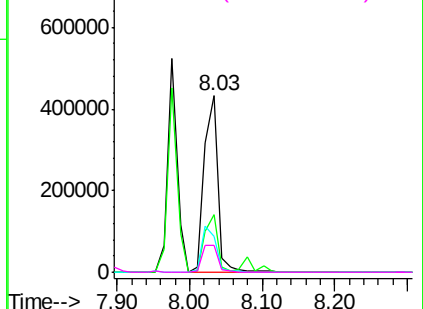
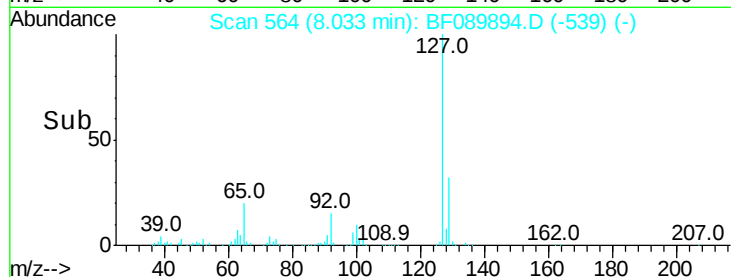
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	27.0	40.6	
65	20.4	14.7	22.1	
92	15.0	11.7	17.5	

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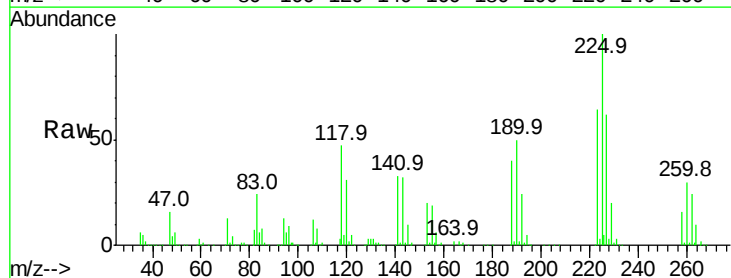


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

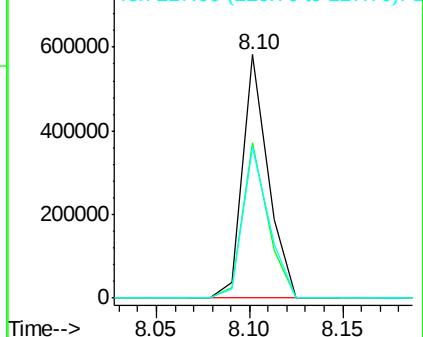
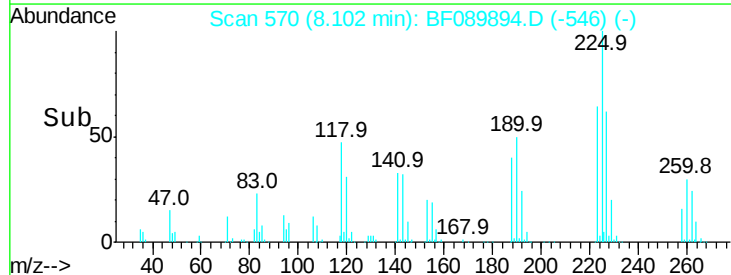


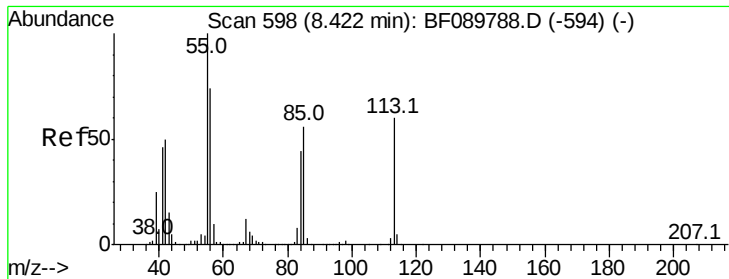
#34
Hexachlorobutadiene
Concen: 40.15 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	51.0	76.6	
227	62.2	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: 49.38 ng/ml

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

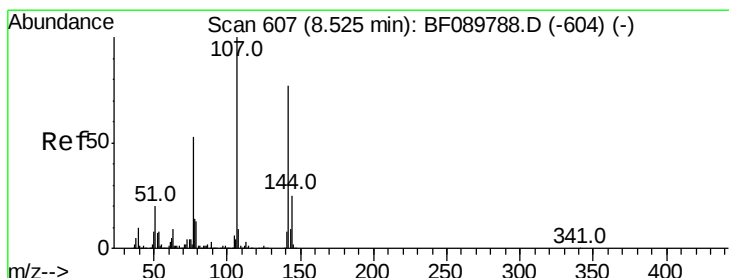
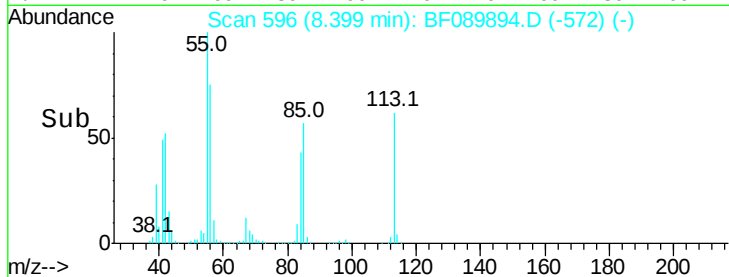
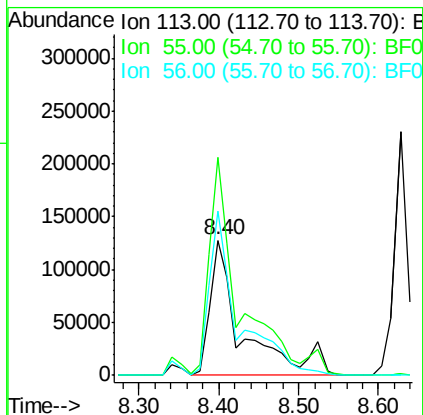
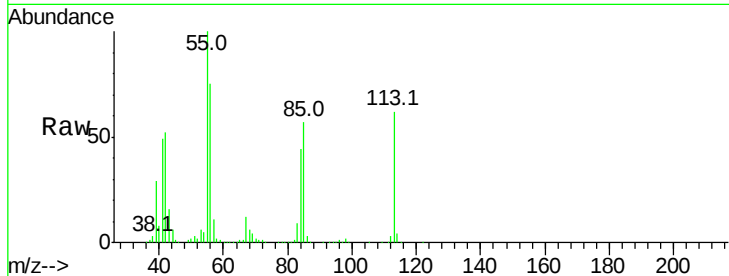
ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:	113	Resp:	359422
Ion Ratio	Lower	Upper	
113	100		
55	162.0	135.9	175.9
56	121.6	93.9	133.9

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#36

4-Chloro-3-methylphenol

Concen: 45.46 ng/ml

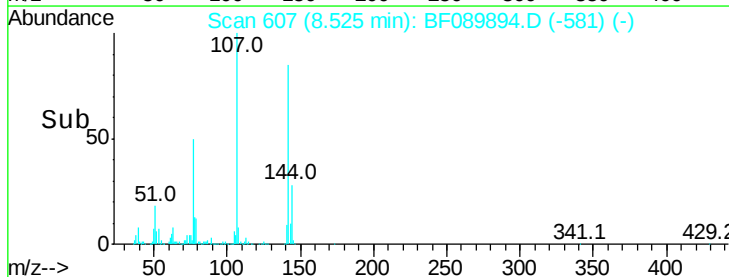
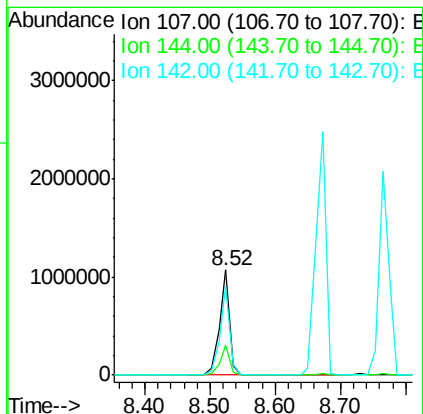
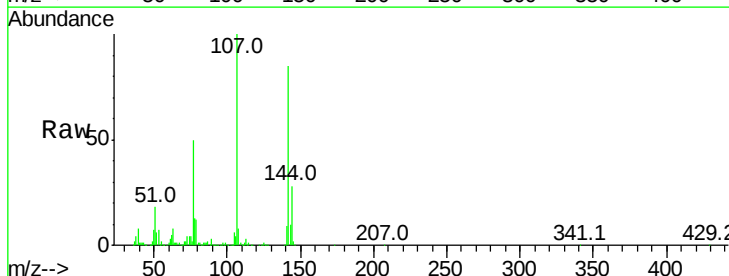
RT: 8.52 min Scan# 607

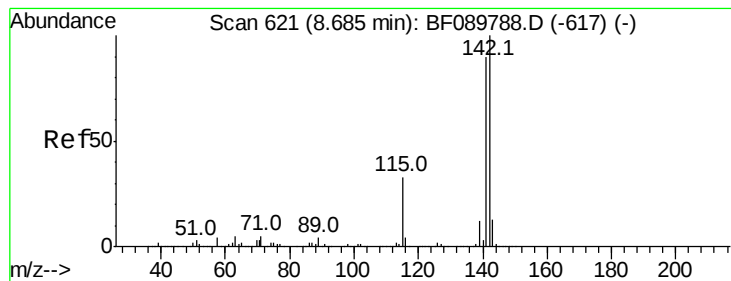
Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:	107	Resp:	1176856
Ion Ratio	Lower	Upper	
107	100		
144	27.9	22.6	34.0
142	84.7	69.3	103.9





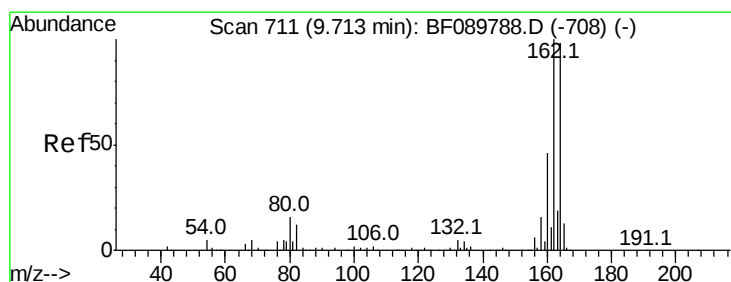
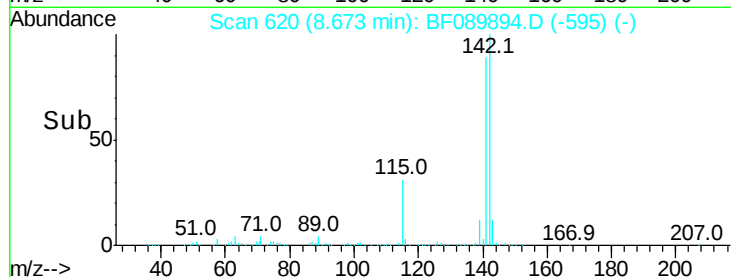
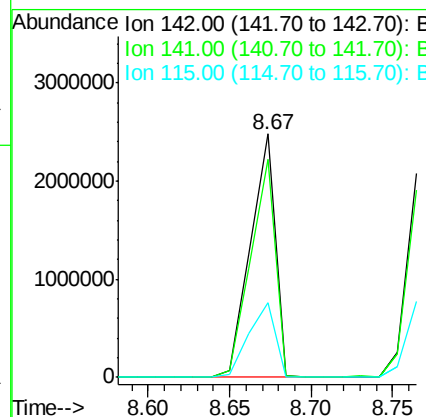
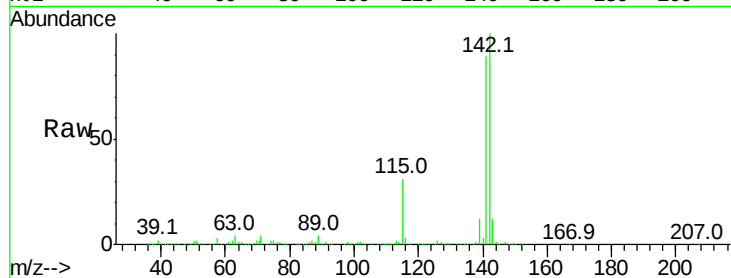
#37
2-Methylnaphthalene
Concen: 49.51 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion:142 Resp: 2626169
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 30.7 22.7 34.1

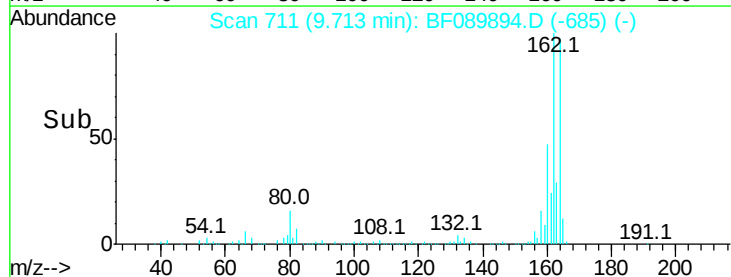
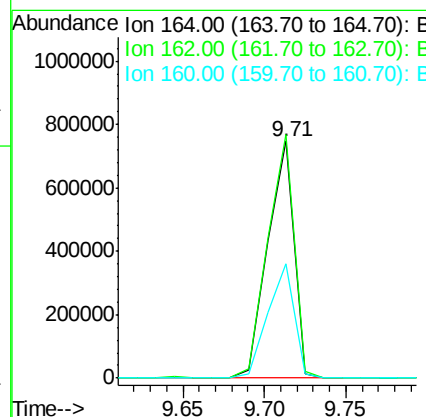
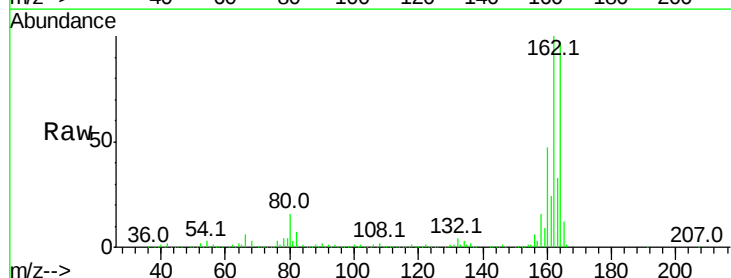
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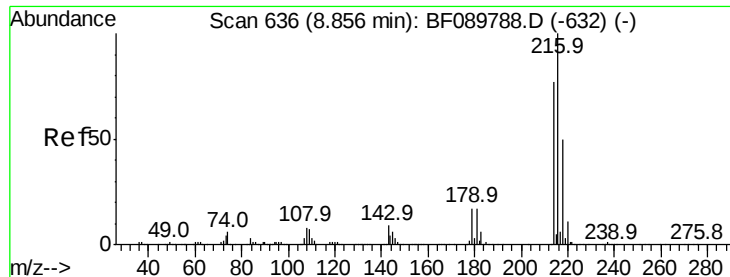
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:164 Resp: 838257
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.2
160 48.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.73 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

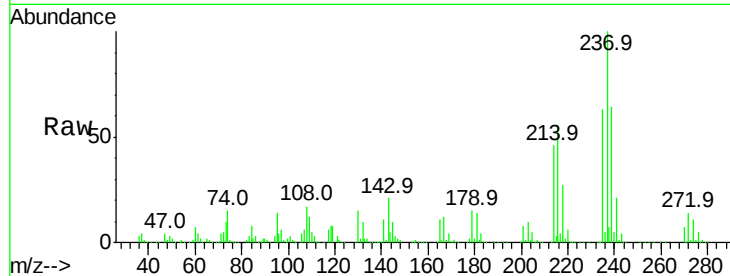
ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:	216	Resp:	834037
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.5	95.3
179	21.7	19.9	29.9
108	22.5	19.9	29.9

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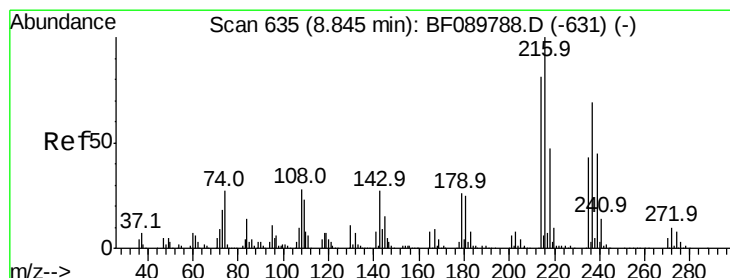
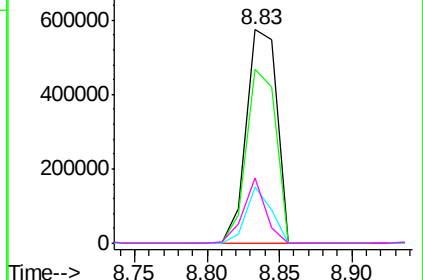
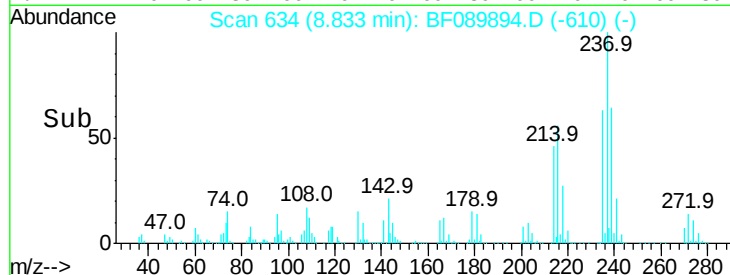


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 109.22 ng

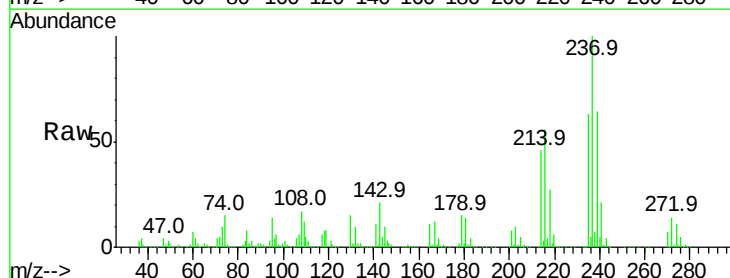
RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

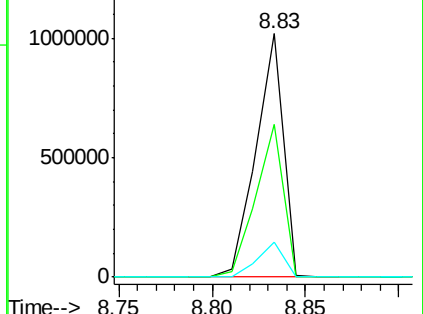
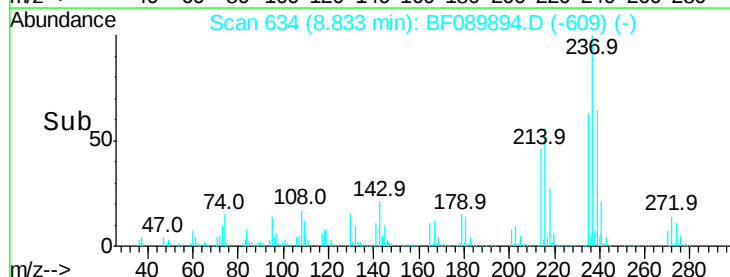
Tgt Ion:	237	Resp:	1029291
Ion Ratio		Lower	Upper
237	100		
235	62.7	43.7	83.7
272	14.4	0.0	31.6

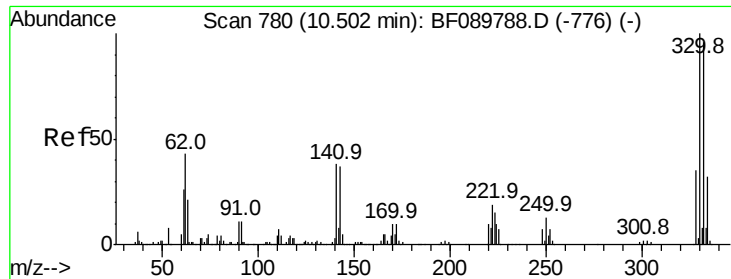


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





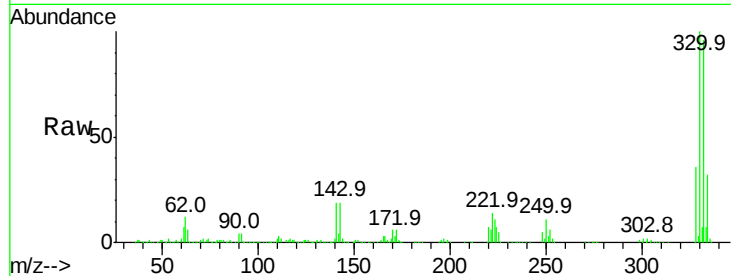
#41
 2,4,6-Tribromophenol
 Concen: 131.56 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

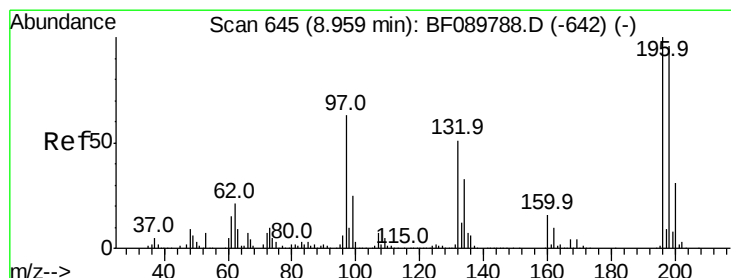
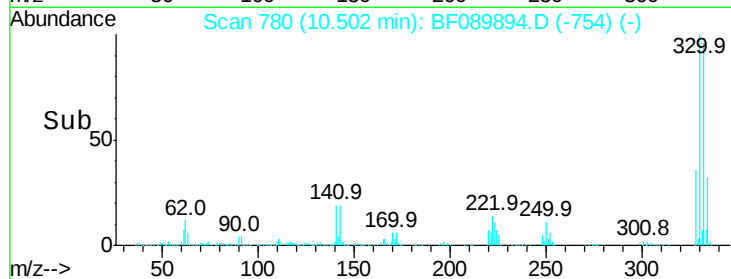
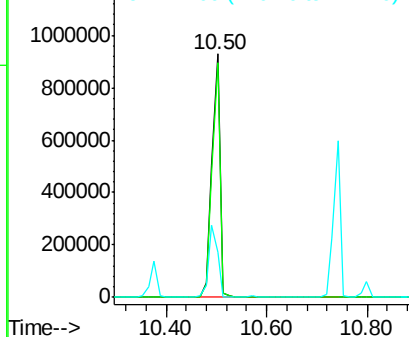
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	33.2	30.2	45.2

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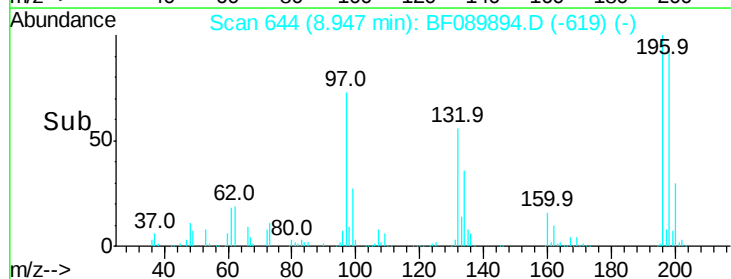
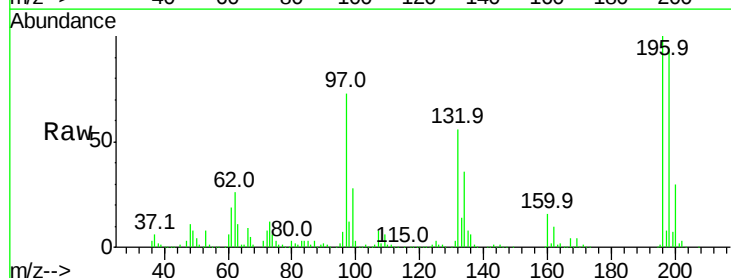
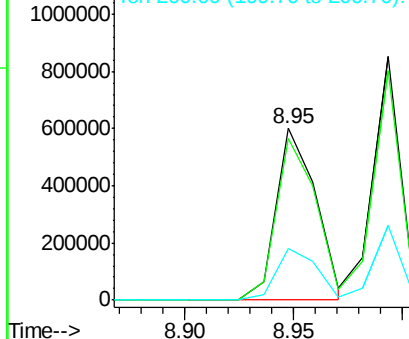
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

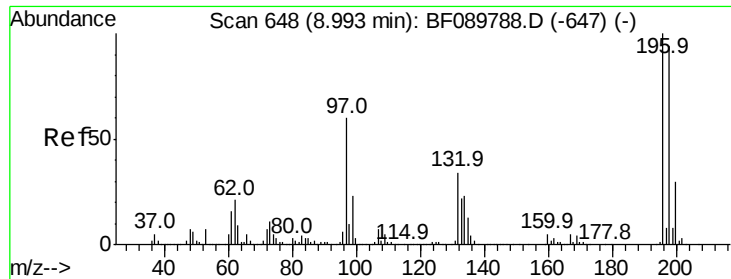


#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.3	114.5
200	29.9	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





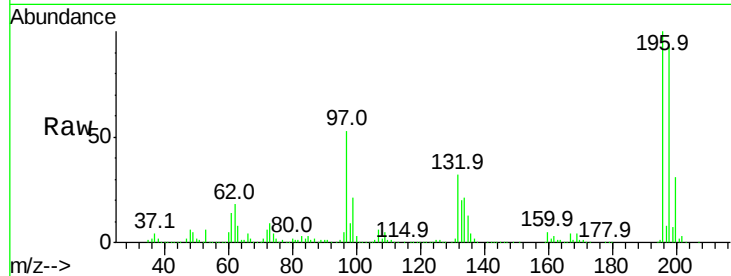
#43
 2,4,5-Trichlorophenol
 Concen: 44.62 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

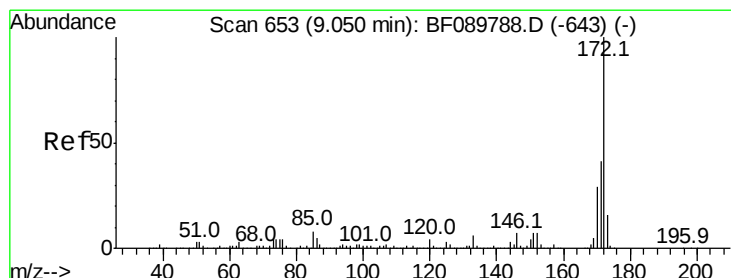
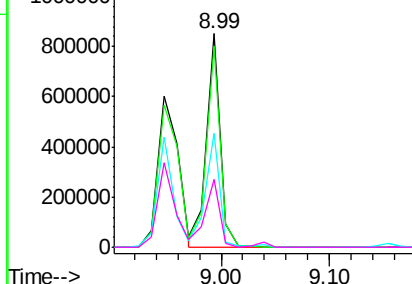
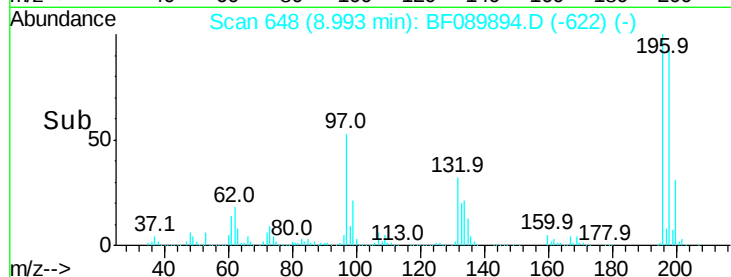
Tot Ion	196	Resp	757848
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.6	114.8
97	53.2	35.8	53.8
132	32.0	23.5	35.3

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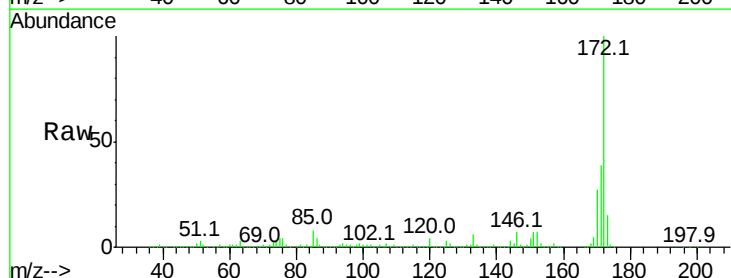


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

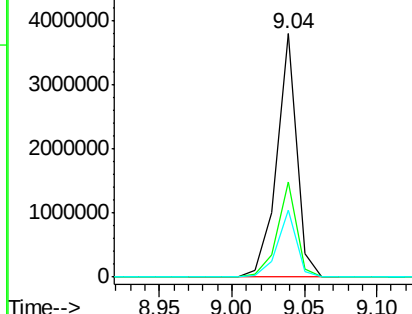
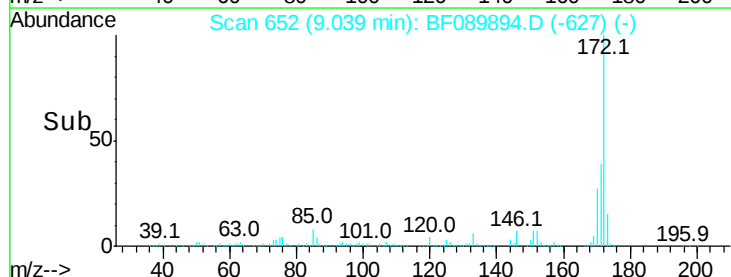


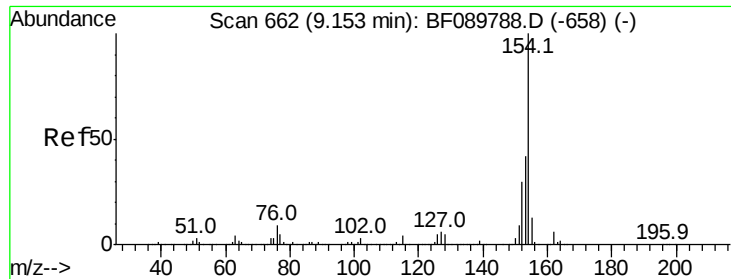
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	172	Resp	3612684
Ion Ratio	Lower	Upper	
172	100		
171	39.0	30.5	45.7
170	27.3	20.6	31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





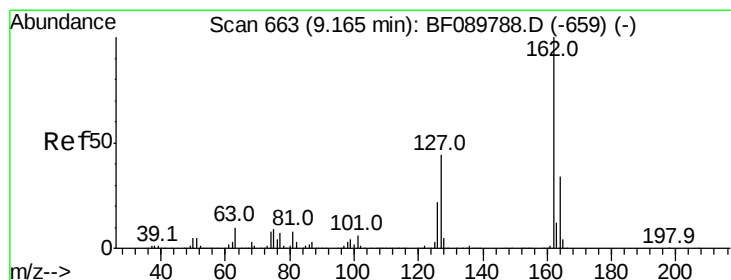
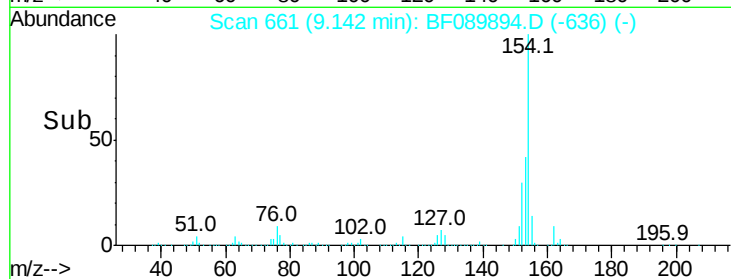
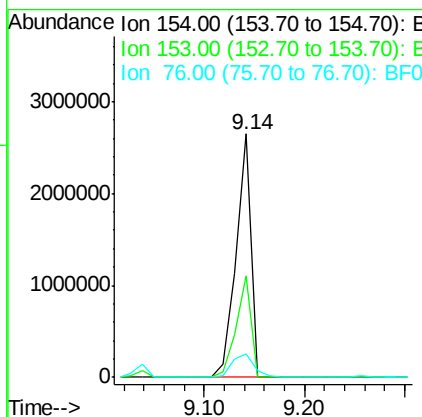
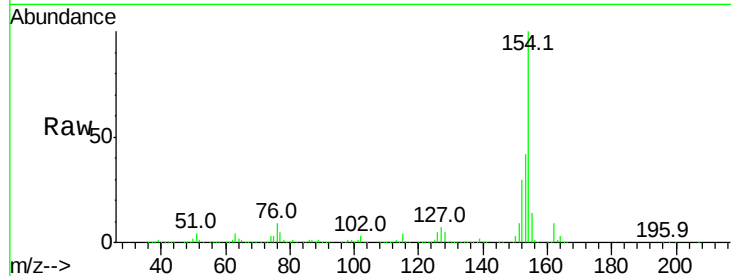
#45
 1,1'-Biphenyl
 Concen: 41.69 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	9.5	0.0	36.7

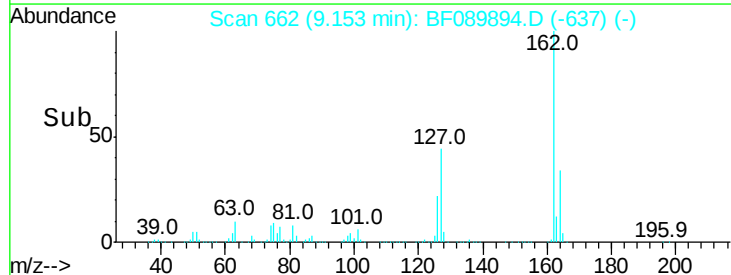
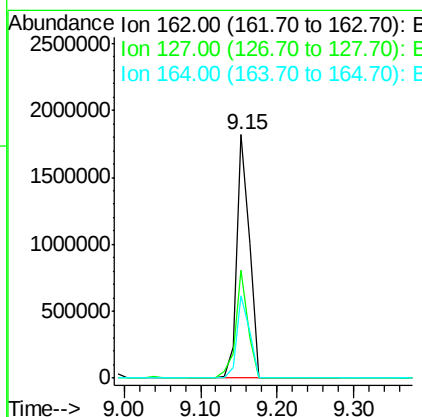
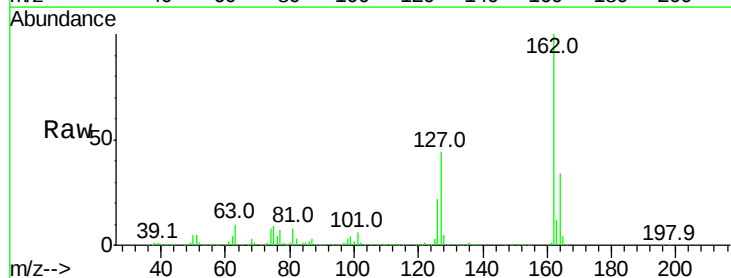
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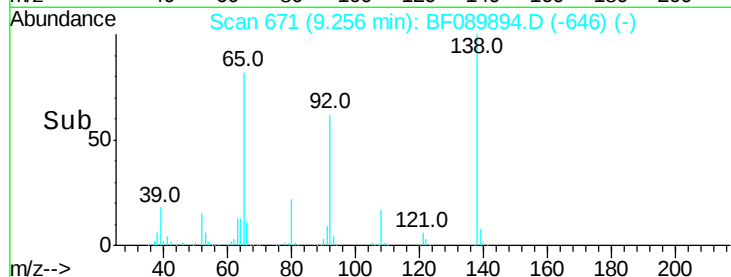
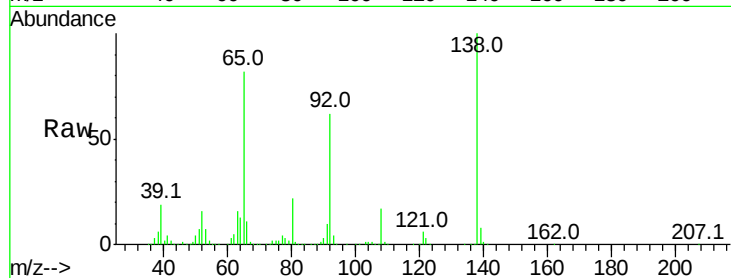
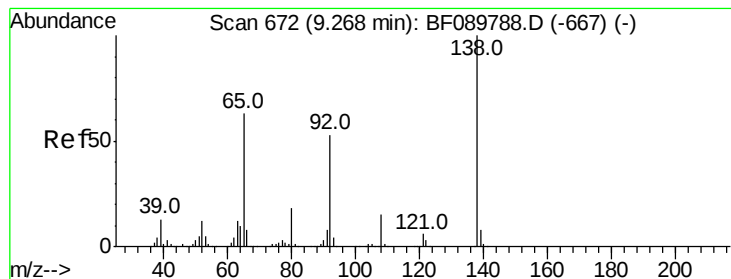
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#46
 2-Chloronaphthalene
 Concen: 41.26 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	35.5	53.3
164	33.7	26.6	40.0





#47

2-Nitroaniline

Concen: 50.72 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tot Ion:	65	Resp:	741745
Ion Ratio	Lower	Upper	
65	100		
92	76.1	56.3	84.5
138	122.5	81.8	122.8

Instrument :

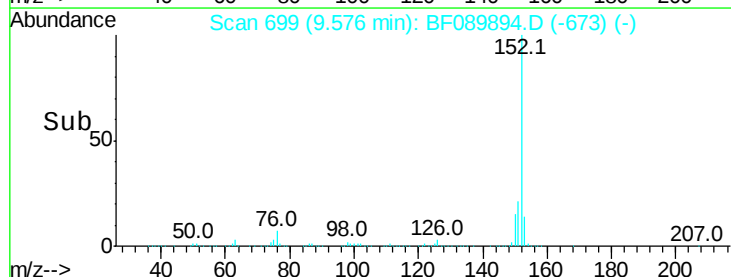
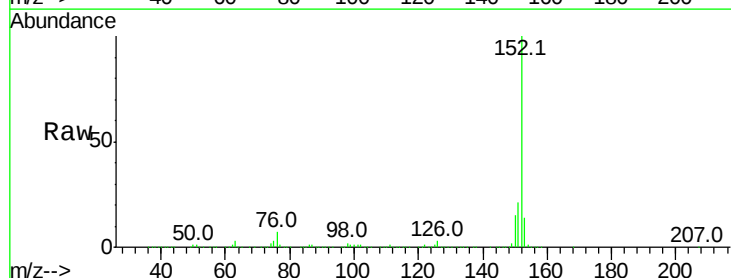
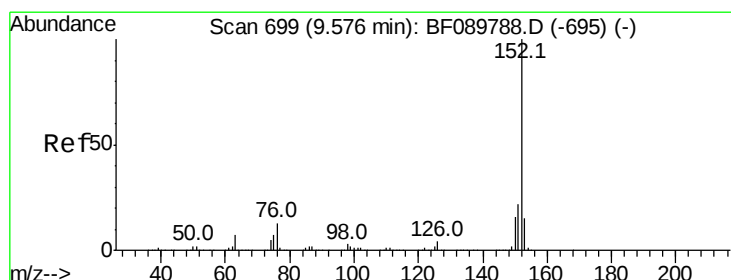
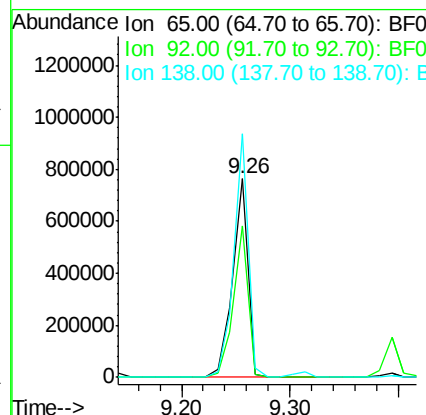
BNA_F

ClientSampleId :

SB-15A-(18-20)MS

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#48

Acenaphthylene

Concen: 46.29 ng

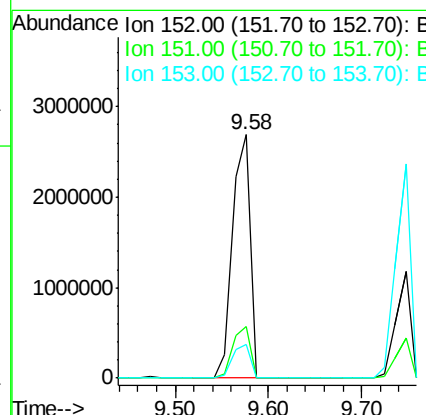
RT: 9.58 min Scan# 699

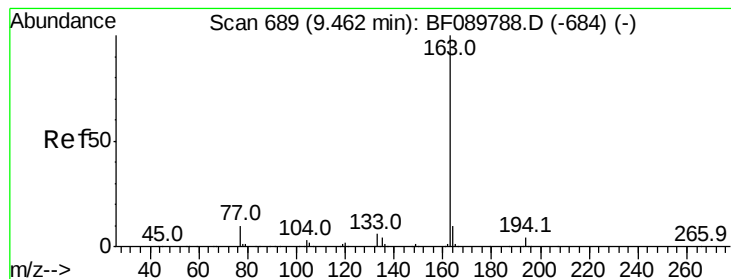
Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:	152	Resp:	3566555
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	13.7	11.2	16.8





#49

Dimethylphthalate

Concen: 70.44 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:163 Resp: 4157829

Ion Ratio Lower Upper

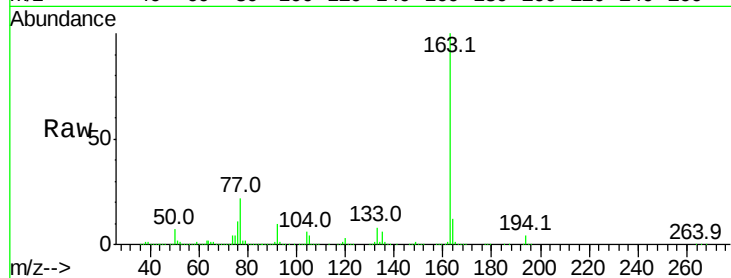
163 100

194 3.7 2.6 3.8

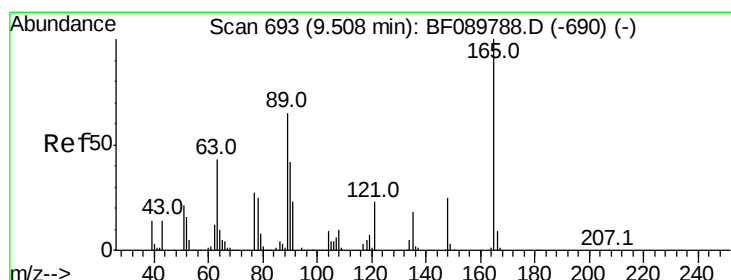
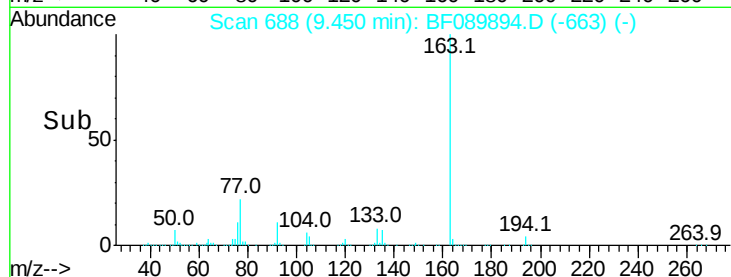
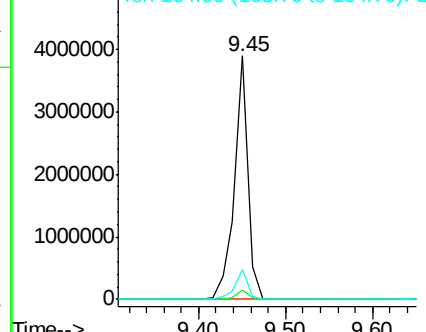
164 12.0 8.6 12.8

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



#50

2,6-Dinitrotoluene

Concen: 51.26 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

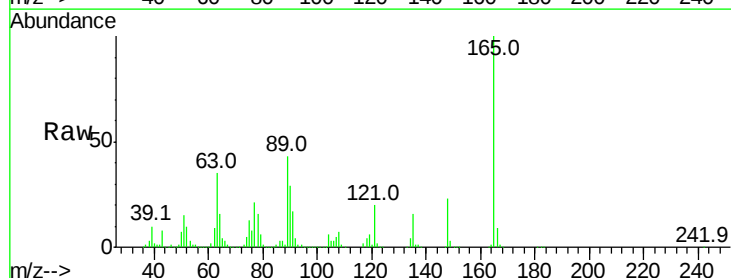
Tgt Ion:165 Resp: 698532

Ion Ratio Lower Upper

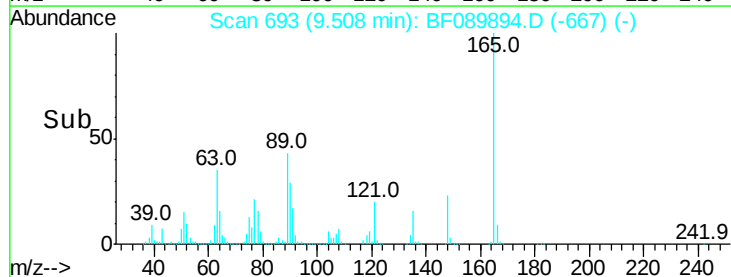
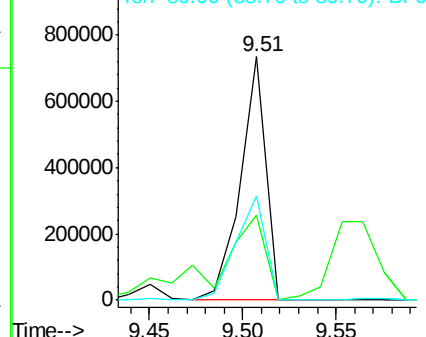
165 100

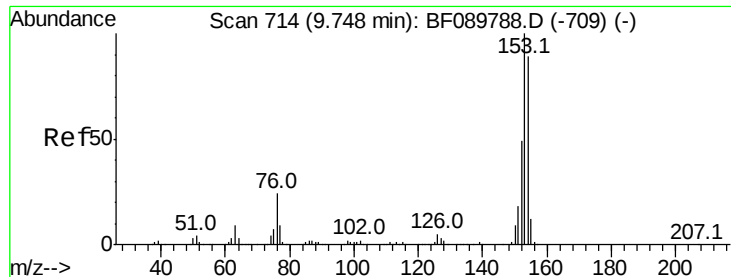
63 35.1 41.7 62.5#

89 42.8 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.41 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:154 Resp: 2417747

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

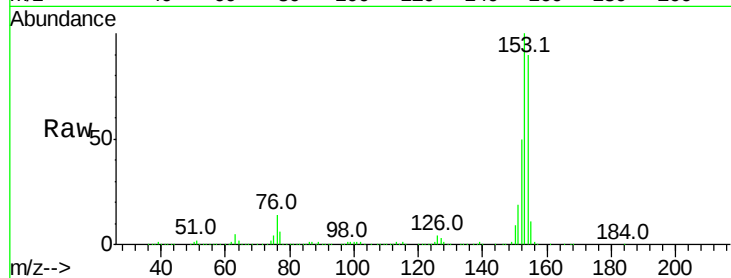
152 55.3 44.6 67.0

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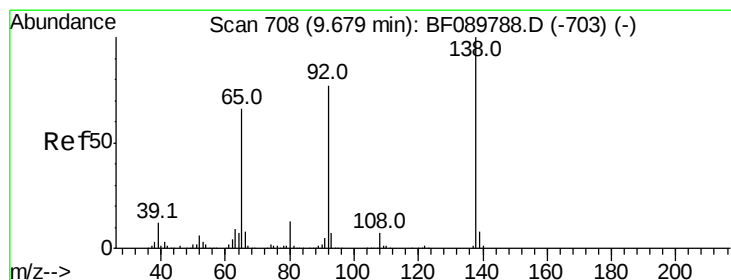
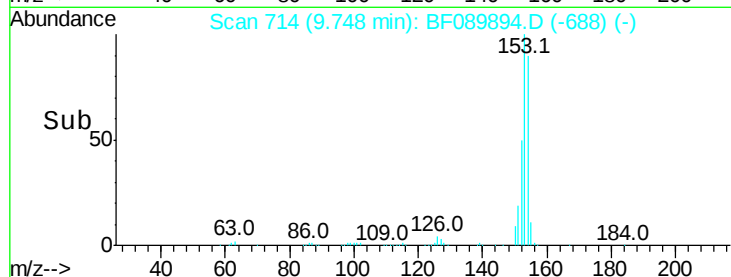
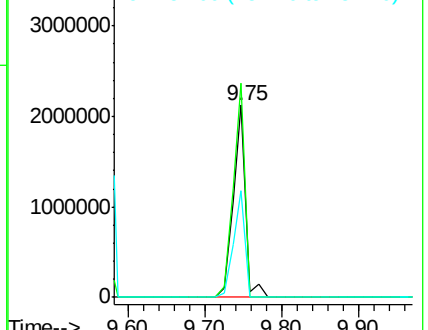
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.43 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

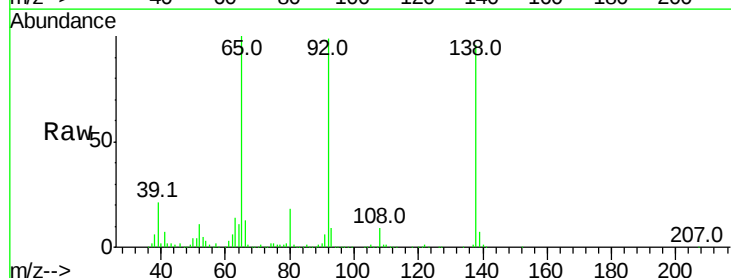
Tgt Ion:138 Resp: 550011

Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

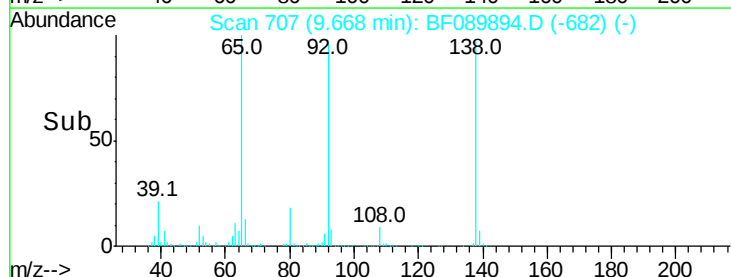
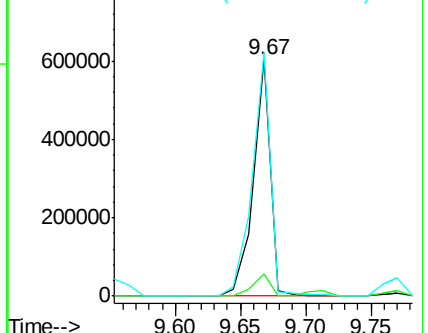
92 102.8 92.7 139.1

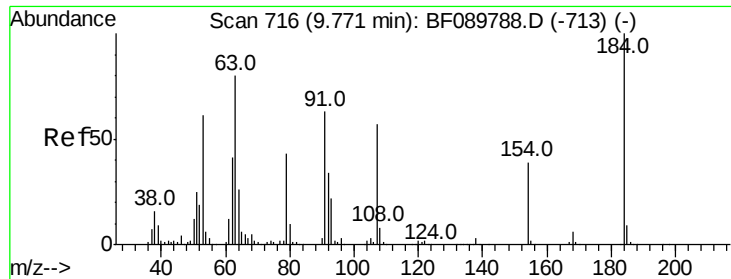


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





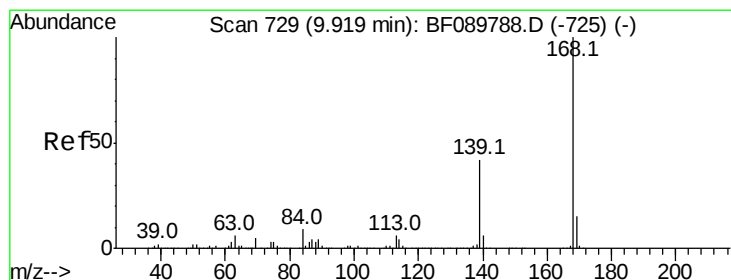
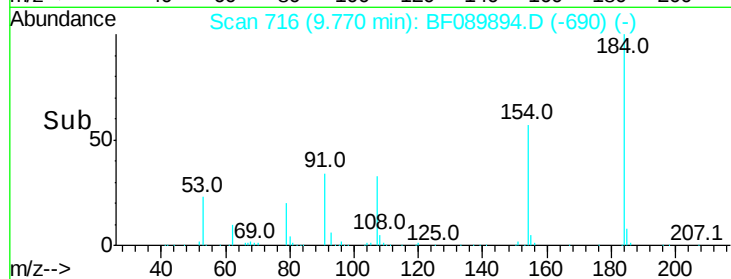
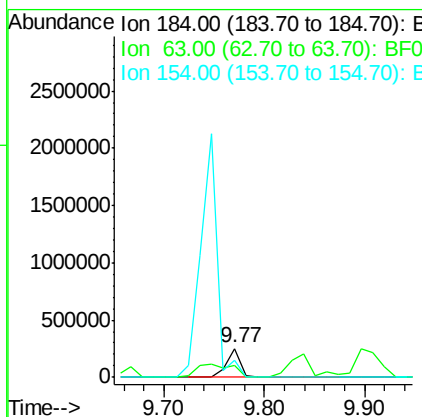
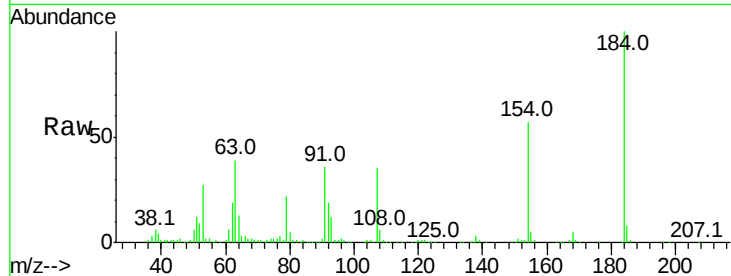
#53
2,4-Dinitrophenol
Concen: 38.65 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	236488		
63	38.9	54.2	81.4#	
154	57.0	52.7	79.1	

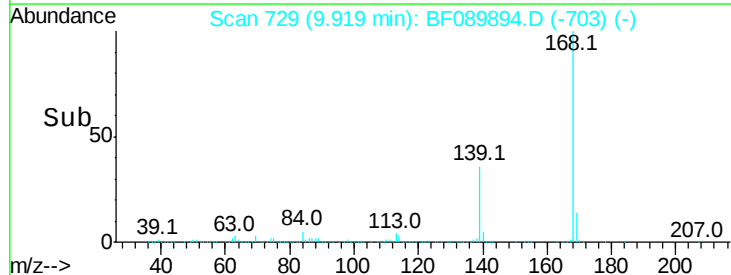
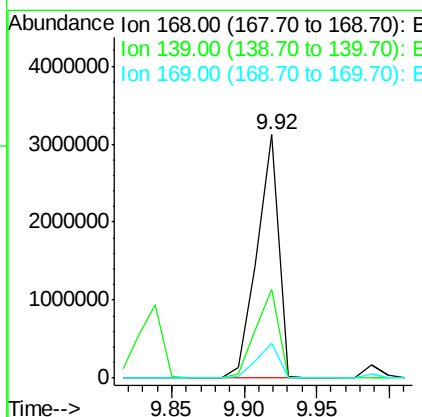
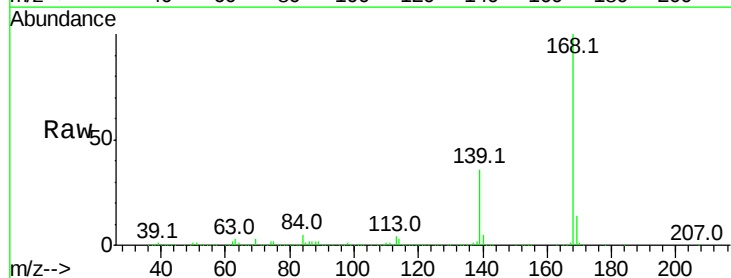
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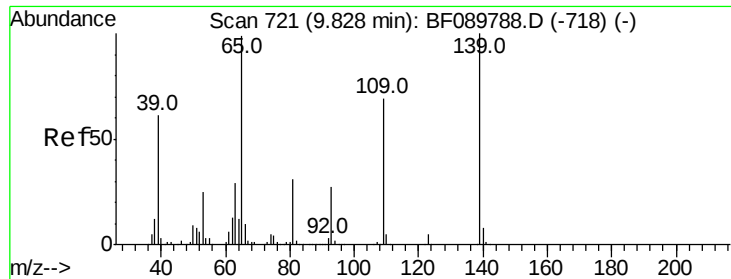
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#54
Dibenzofuran
Concen: 50.50 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3234828		
139	36.4	34.6	52.0	
169	14.3	11.5	17.3	





#55

4-Nitrophenol

Concen: 91.79 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

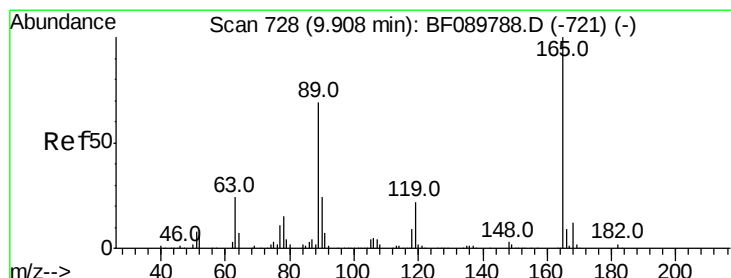
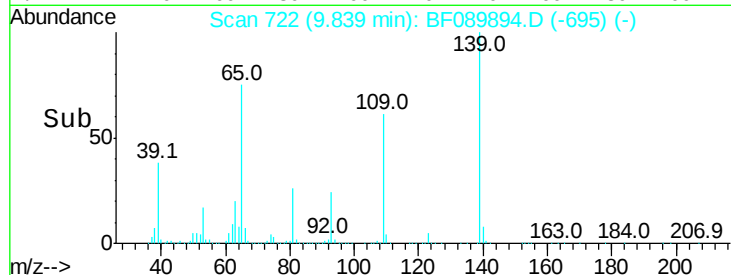
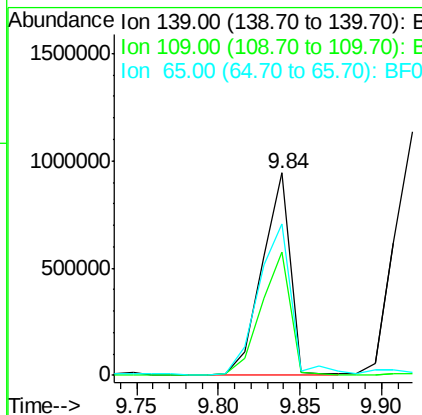
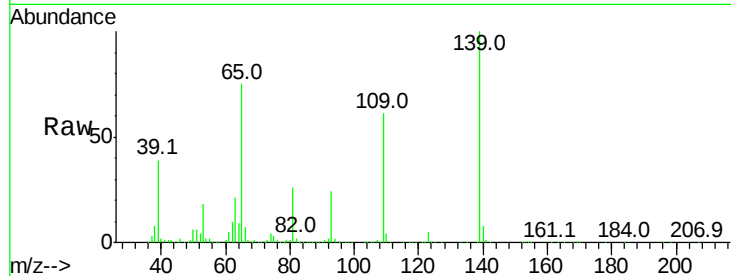
ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:139	Resp: 1131133
Ion Ratio	Lower Upper
139 100	
109 60.9	43.0 83.0
65 74.9	55.7 95.7

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#56

2,4-Dinitrotoluene

Concen: 48.45 ng

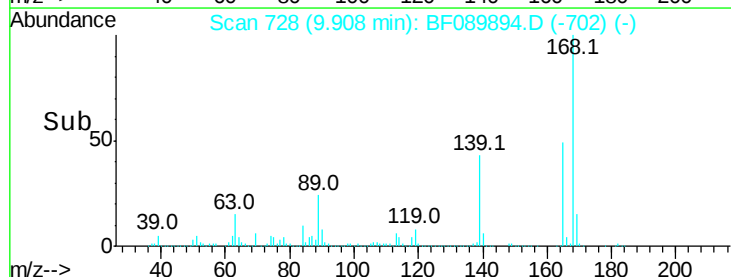
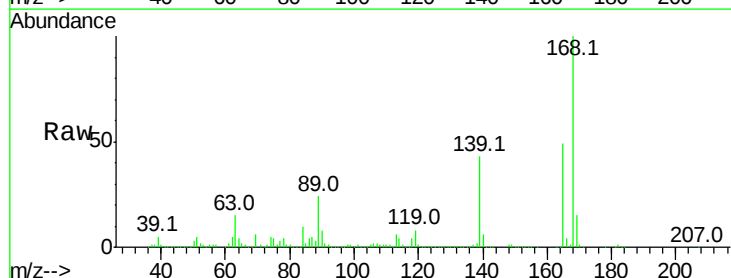
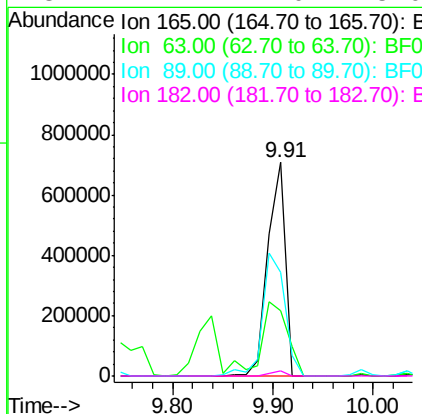
RT: 9.91 min Scan# 728

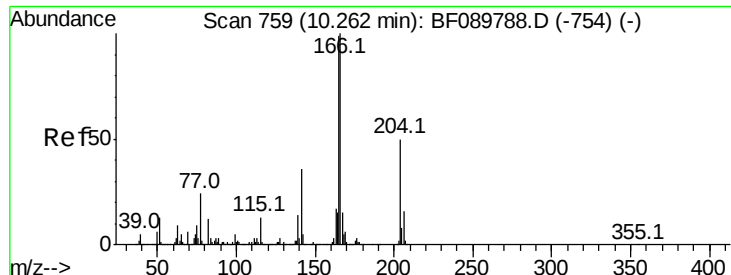
Delta R.T. 0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:165	Resp: 856631
Ion Ratio	Lower Upper
165 100	
63 30.3	23.7 35.5
89 48.7	44.0 66.0
182 2.2	2.0 3.0





#57

Fluorene

Concen: 44.97 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:166 Resp: 2295698

Ion Ratio Lower Upper

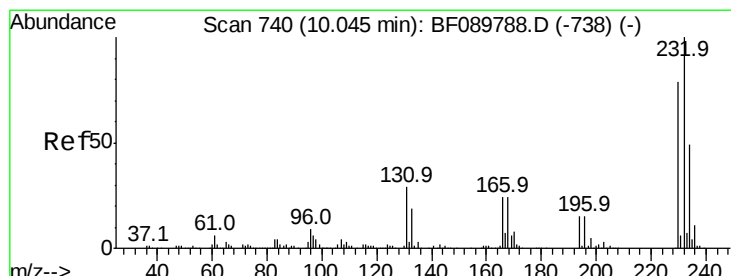
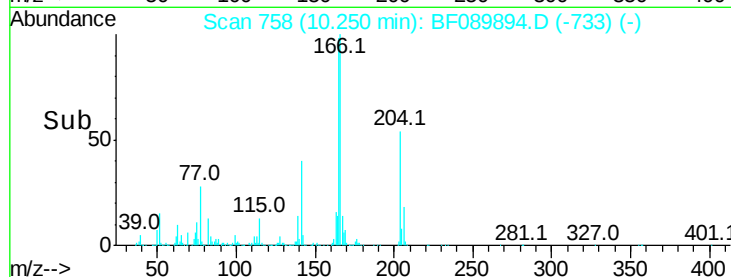
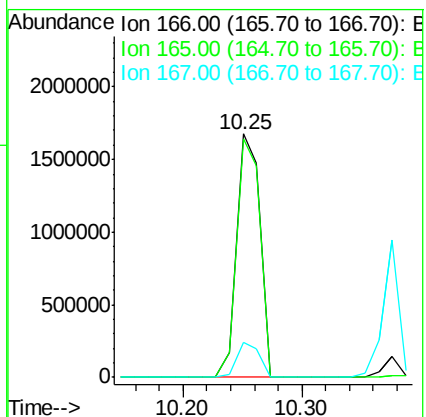
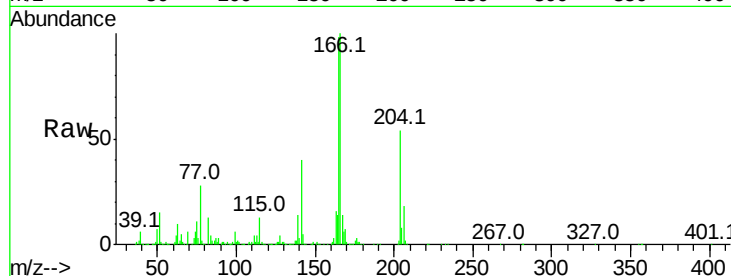
166 100

165 97.9 80.2 120.4

167 14.5 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.99 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:232 Resp: 617937

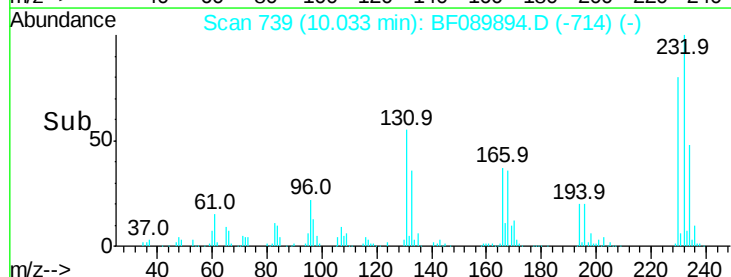
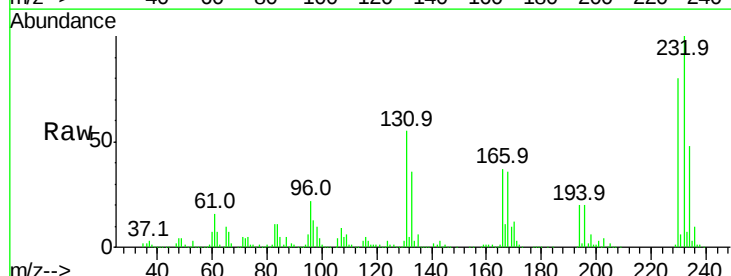
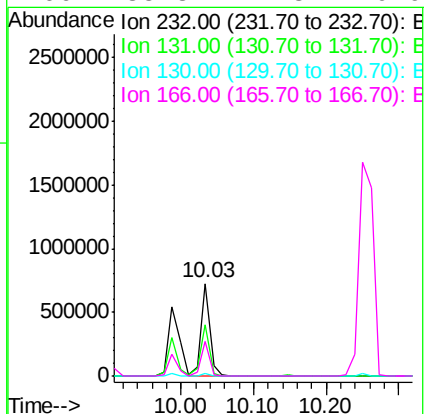
Ion Ratio Lower Upper

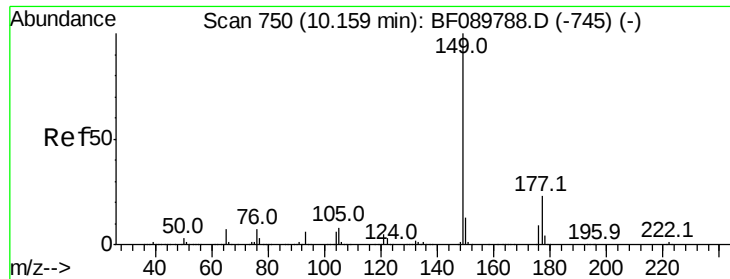
232 100

131 53.5 42.5 63.7

130 2.5 2.2 3.4

166 35.3 27.3 40.9





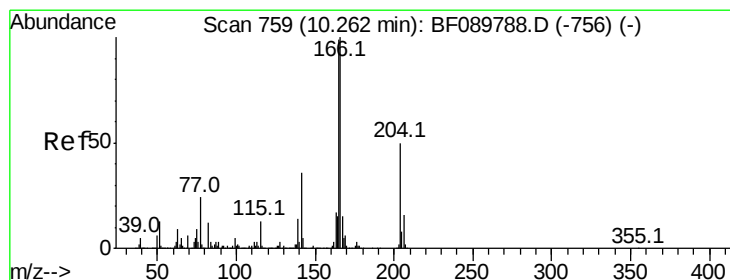
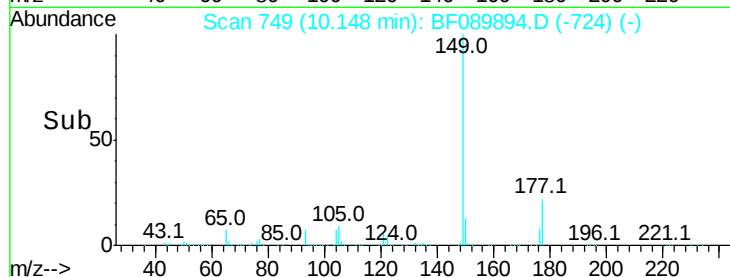
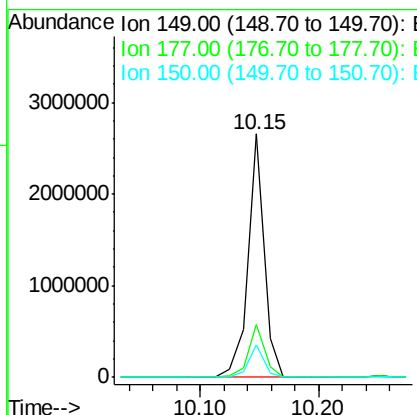
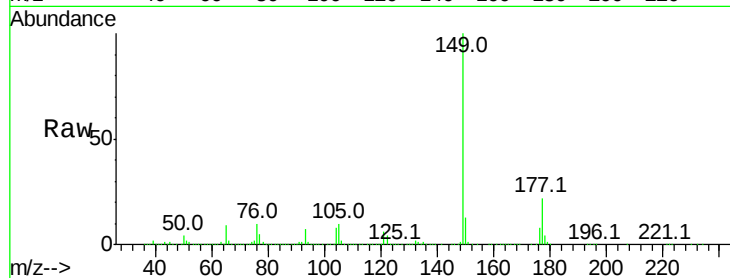
#59
 Diethylphthalate
 Concen: 42.22 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion:	149	Resp:	2531333
Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.6	25.0
150	13.3	10.5	15.7

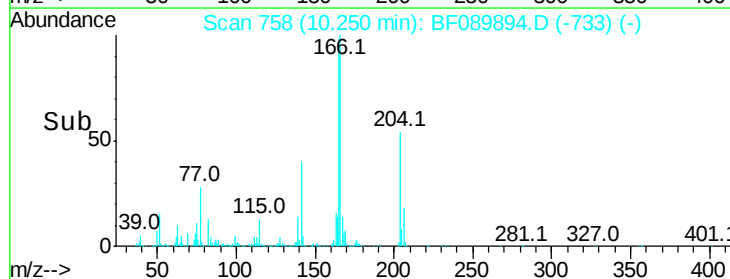
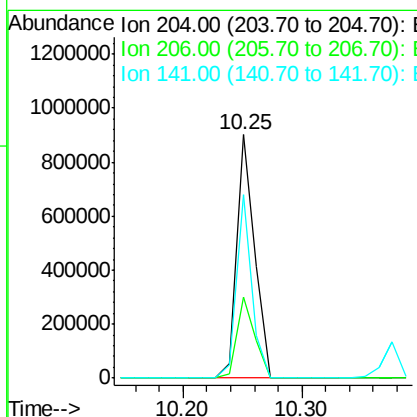
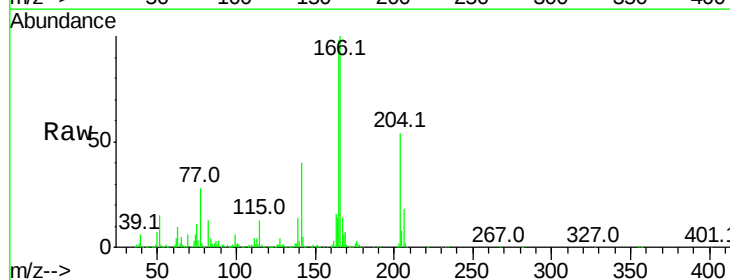
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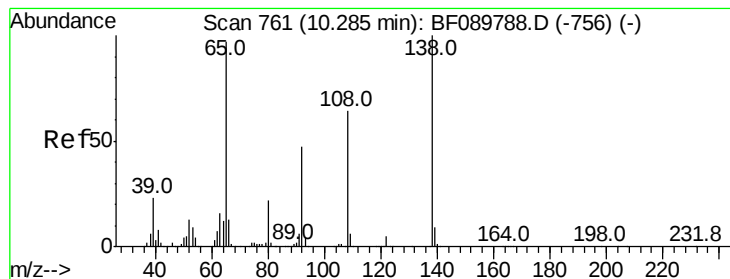
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#60
 4-Chlorophenyl-phenylether
 Concen: 40.48 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:	204	Resp:	942492
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	75.2	54.1	81.1





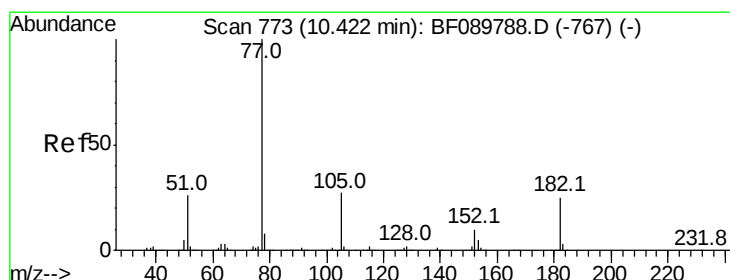
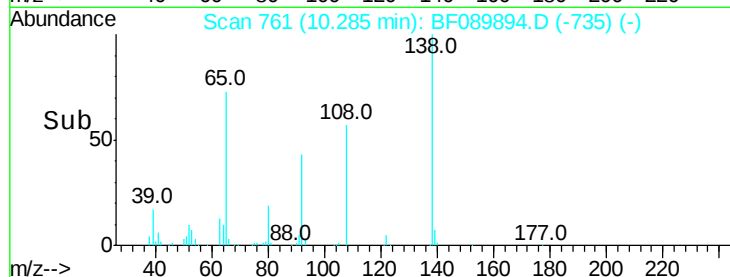
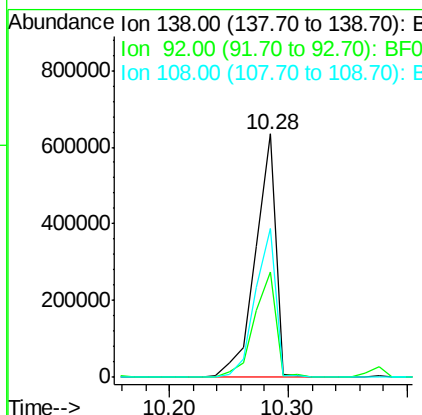
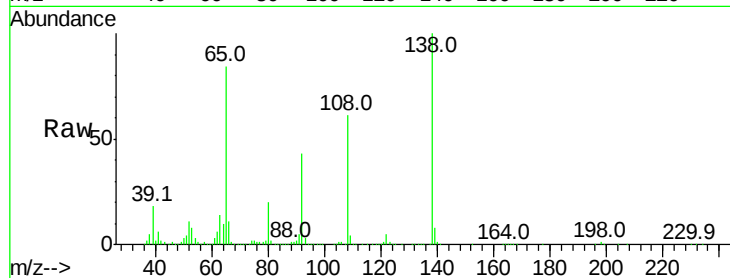
#61
4-Nitroaniline
Concen: 53.86 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.0	26.4	66.4
108	61.1	47.0	87.0

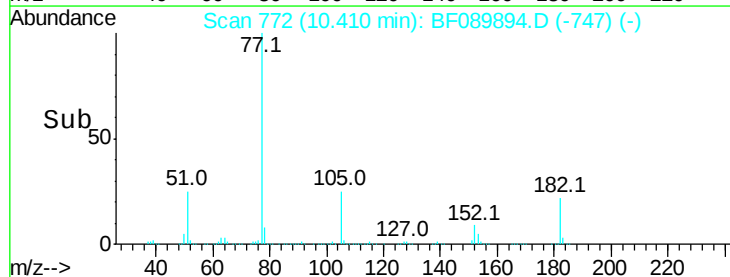
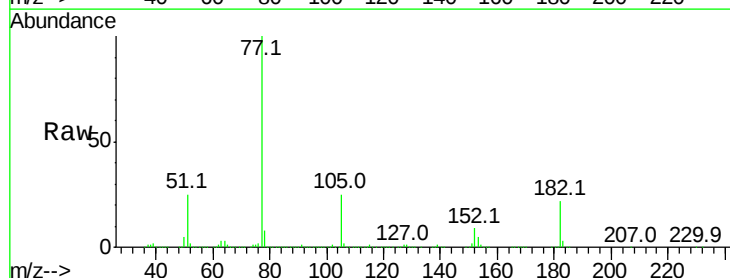
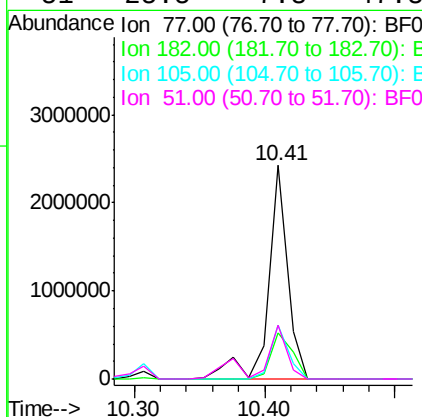
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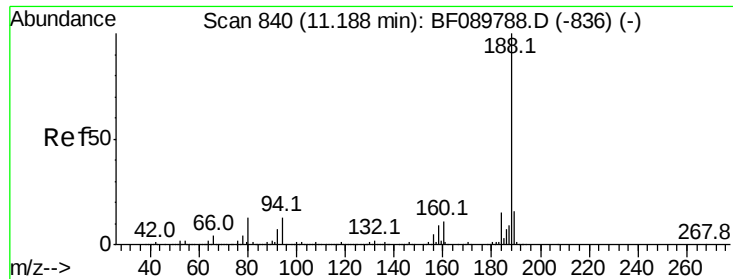
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#62
Azobenzene
Concen: 45.37 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	5.6	45.6
105	25.4	4.0	44.0
51	25.5	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

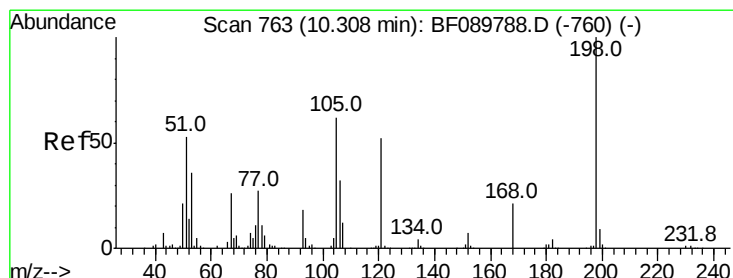
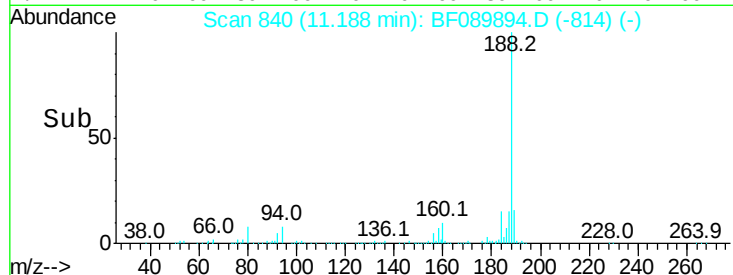
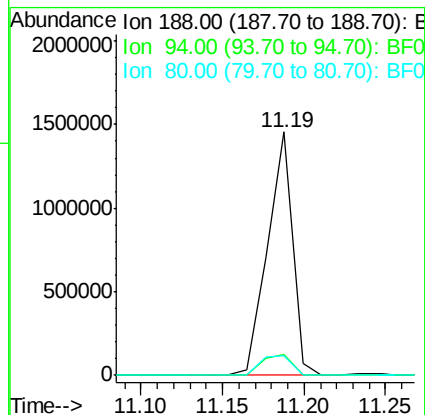
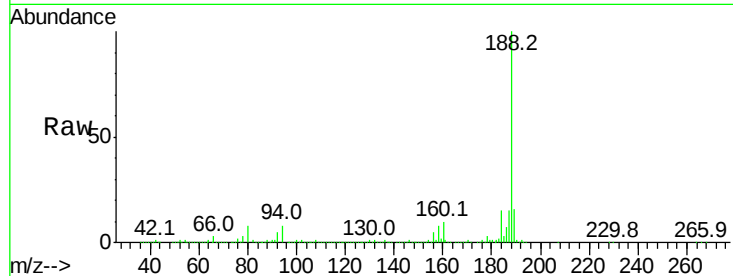
ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:188	Resp: 1554246
Ion Ratio	Lower Upper
188 100	
94 8.4	10.2 15.2#
80 8.3	10.9 16.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 35.96 ng

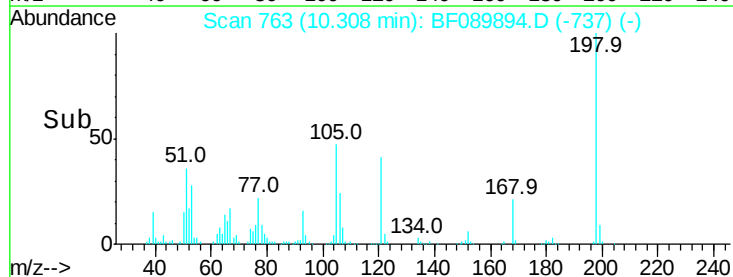
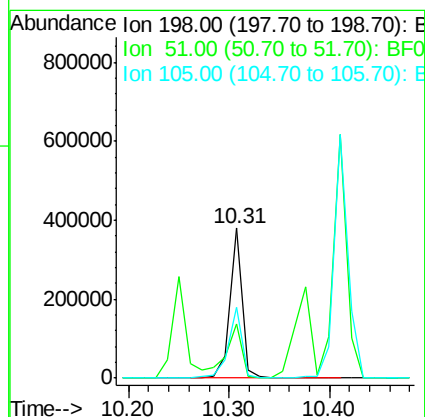
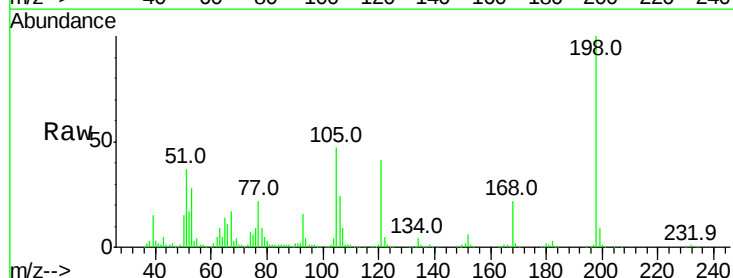
RT: 10.31 min Scan# 763

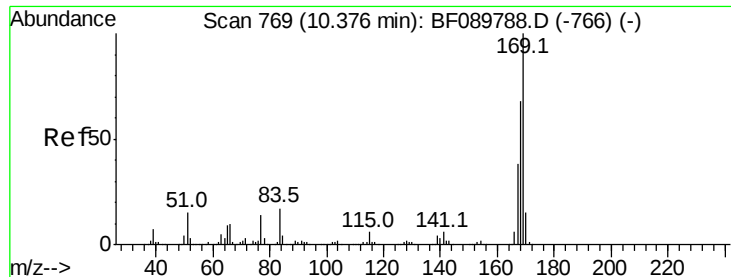
Delta R.T. 0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:198	Resp: 321188
Ion Ratio	Lower Upper
198 100	
51 36.6	32.3 72.3
105 47.5	32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 45.60 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:169 Resp: 2228240

Ion Ratio Lower Upper

169 100

168 69.4 54.6 82.0

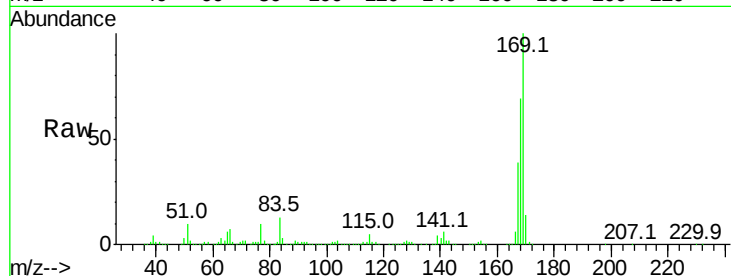
167 39.4 30.6 45.8

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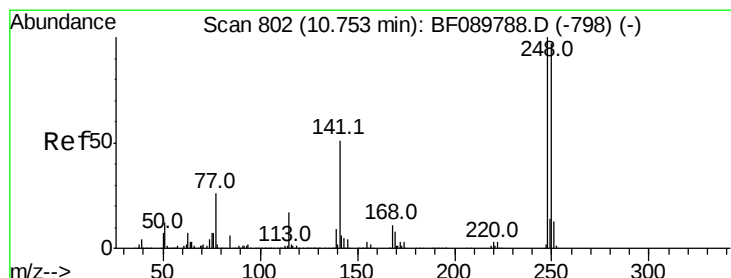
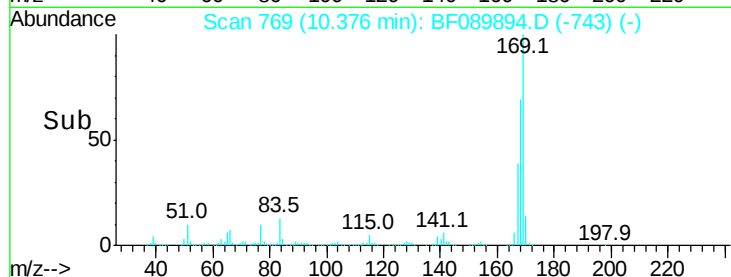
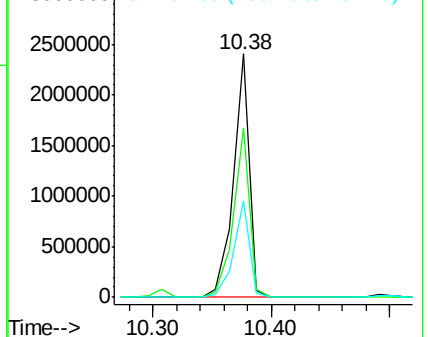
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.21 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

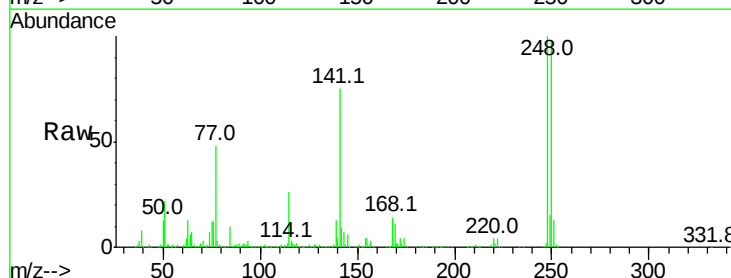
Tgt Ion:248 Resp: 687916

Ion Ratio Lower Upper

248 100

250 98.0 78.6 117.8

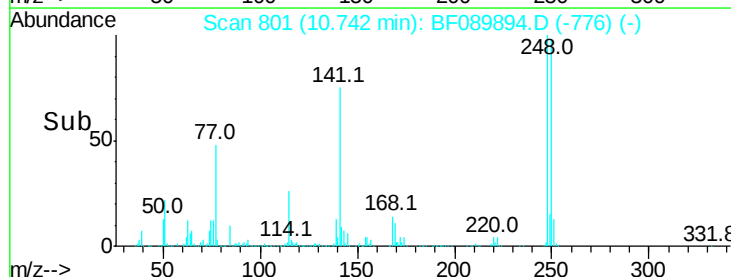
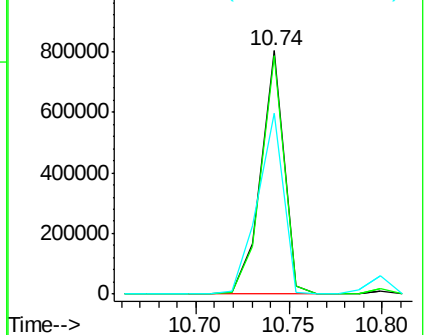
141 74.6 31.4 47.2#

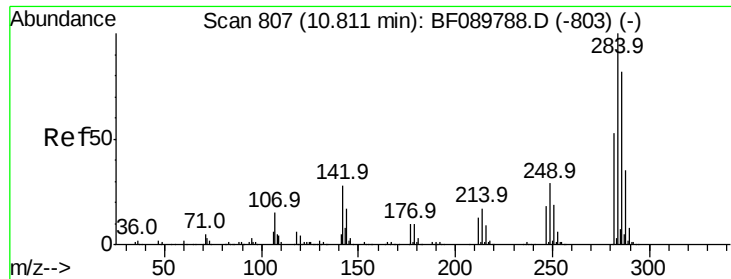


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





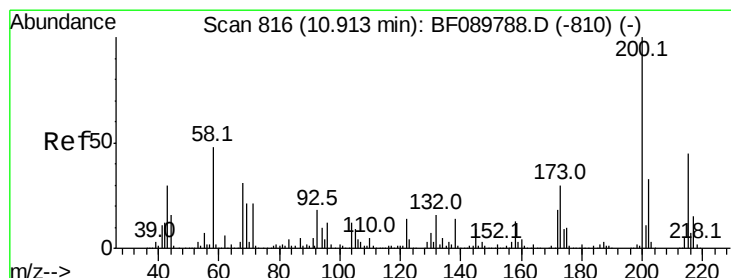
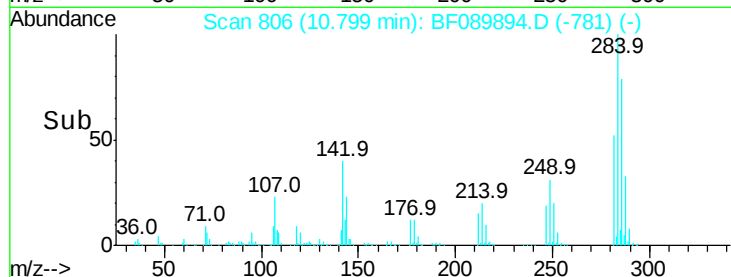
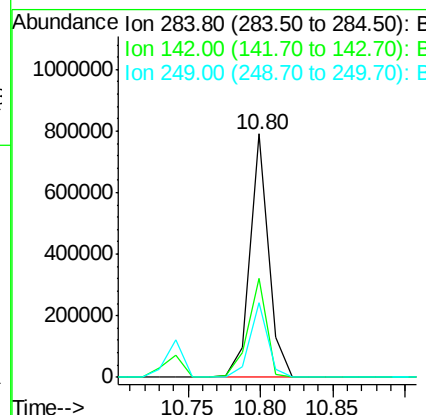
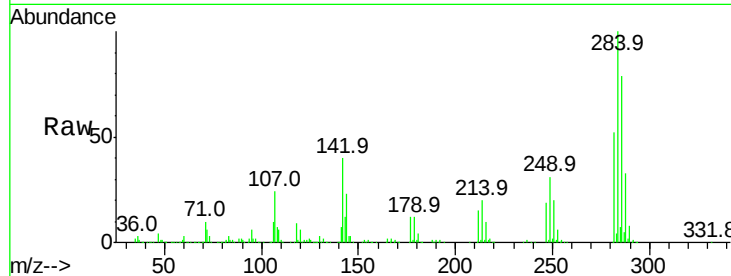
#67
Hexachlorobenzene
Concen: 37.81 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	40.5	17.4	26.2#
249	30.6	22.8	34.2

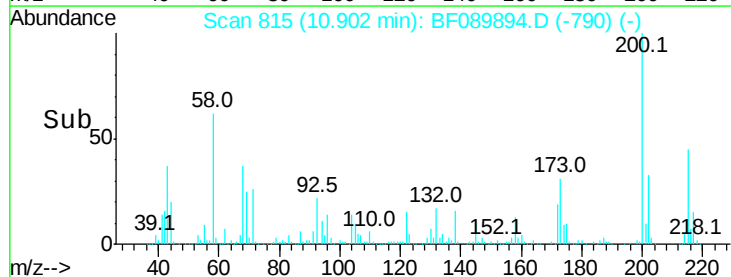
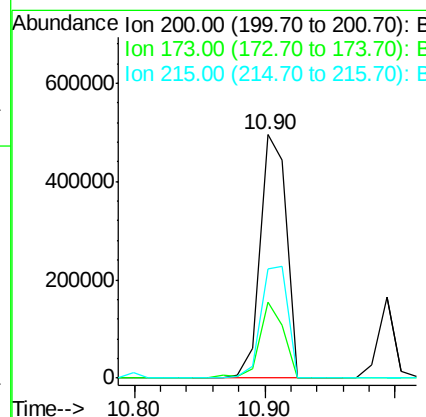
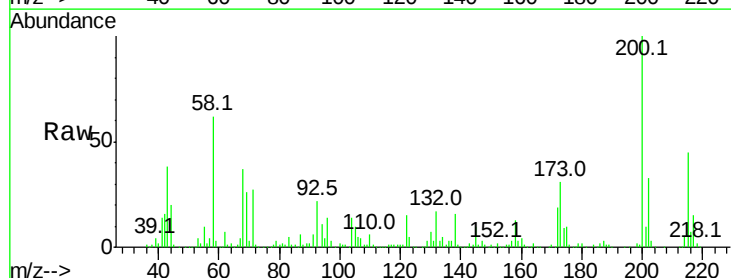
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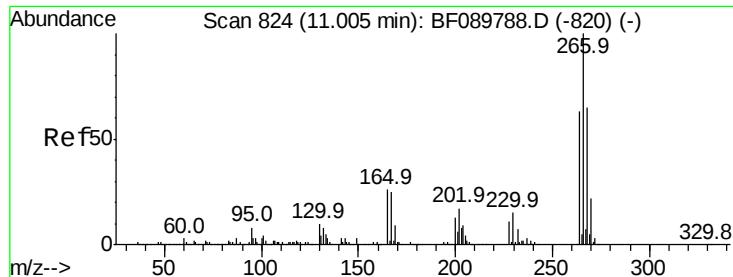
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#68
Atrazine
Concen: 46.34 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	31.2	6.6	46.6
215	45.0	24.7	64.7





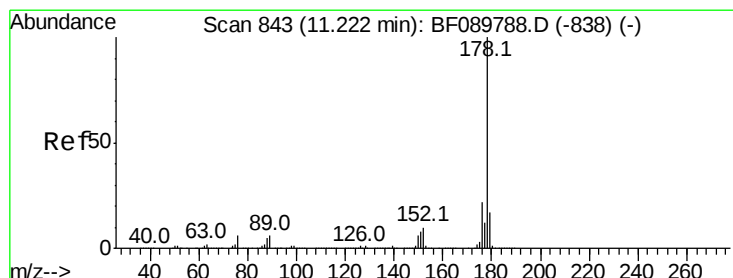
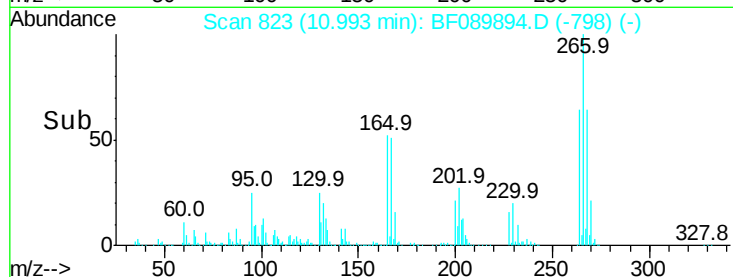
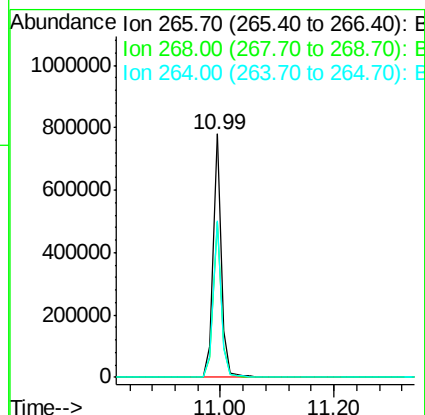
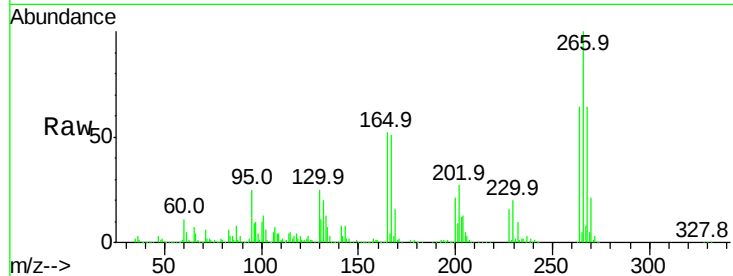
#69
 Pentachlorophenol
 Concen: 70.54 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	743294		
268	64.0	53.2	79.8	
264	64.4	51.1	76.7	

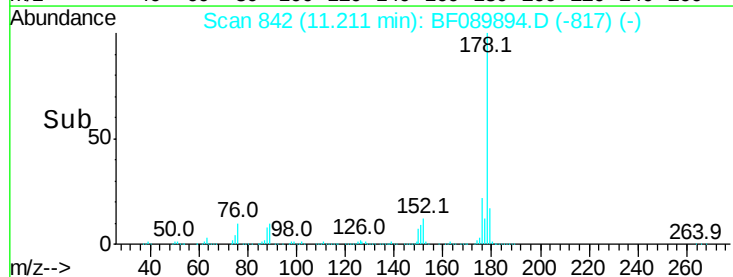
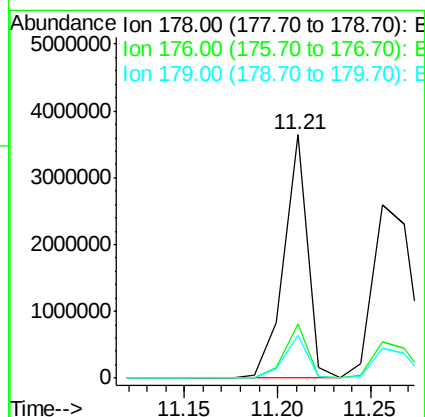
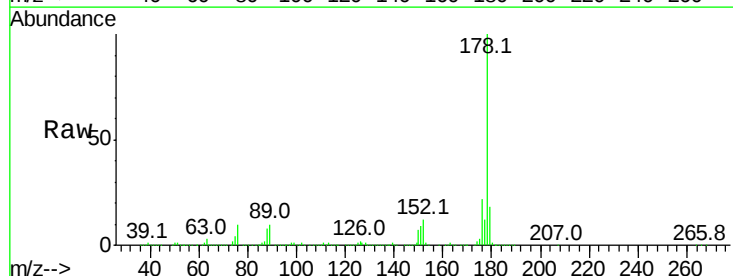
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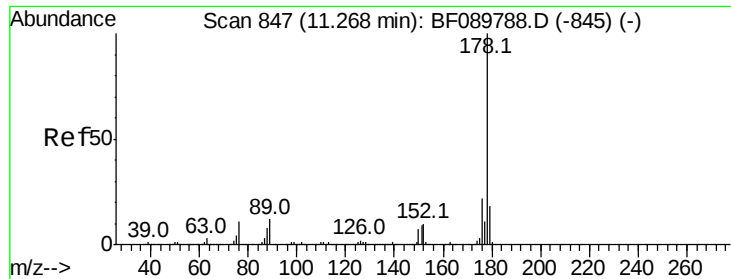
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#70
 Phenanthrene
 Concen: 41.18 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3232810		
176	22.4	16.4	24.6	
179	17.5	12.5	18.7	





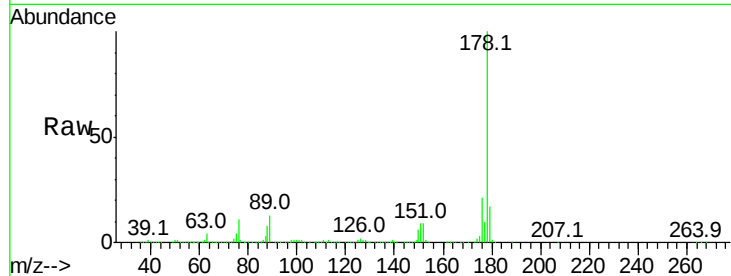
#71
 Anthracene
 Concen: 44.16 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

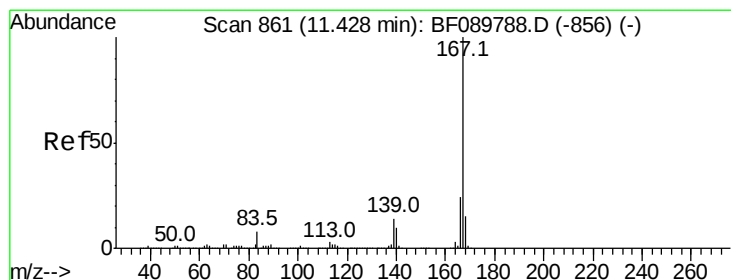
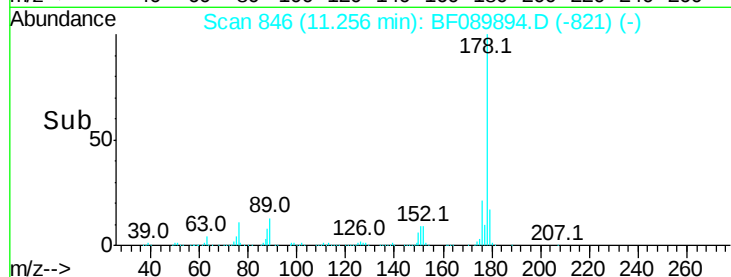
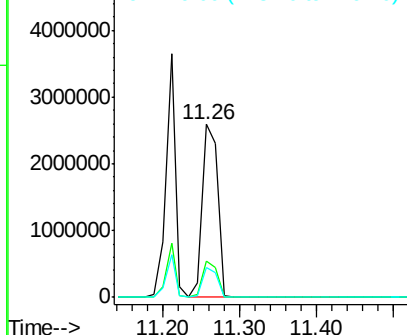
Tot Ion:178 Resp: 3524170
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.4 24.6
 179 17.0 13.1 19.7

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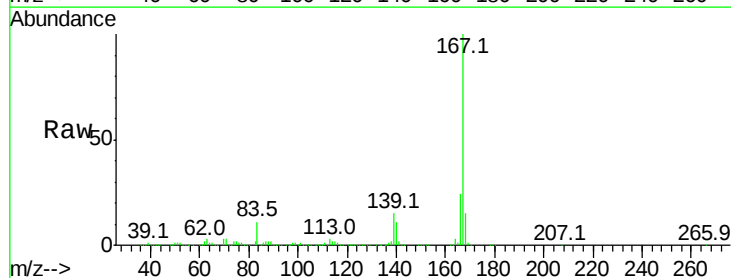


Abundance Ion 178.00 (177.70 to 178.70): E
 5000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

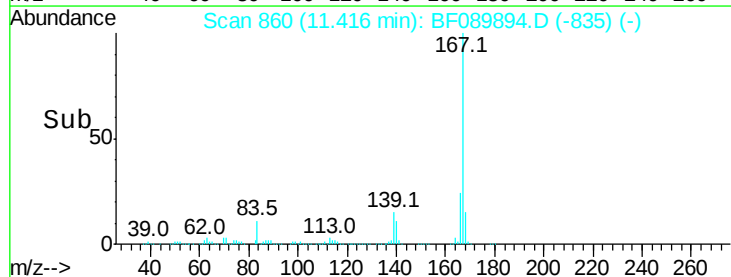
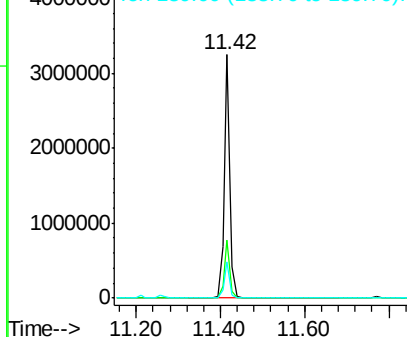


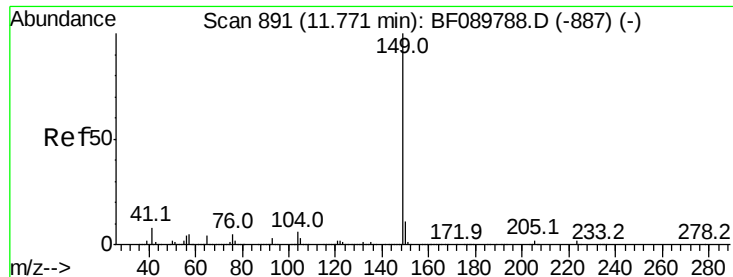
#72
 Carbazole
 Concen: 42.73 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:167 Resp: 3058414
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 15.1 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E
 4000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.68 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:149 Resp: 4179875

Ion Ratio Lower Upper

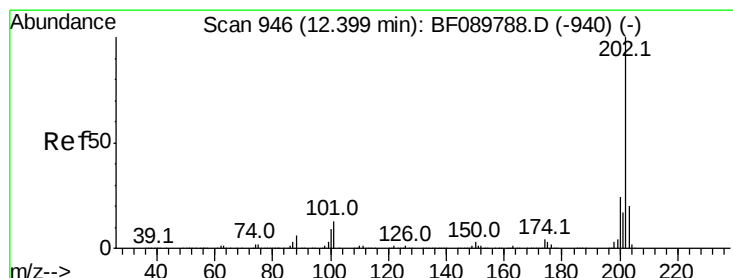
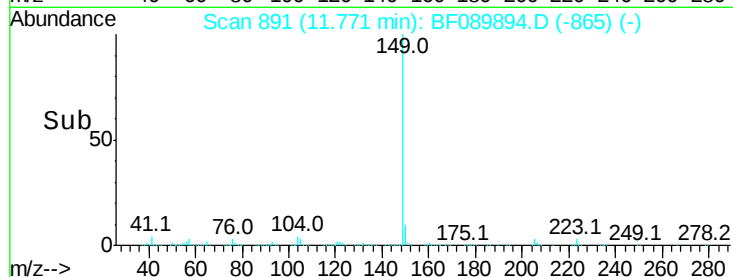
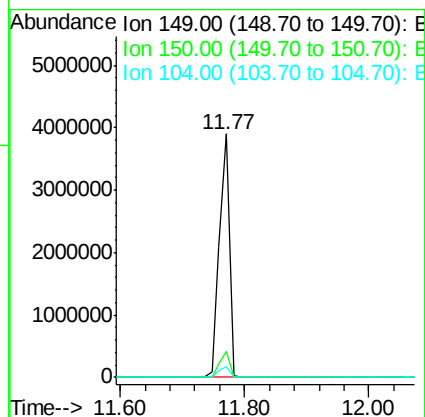
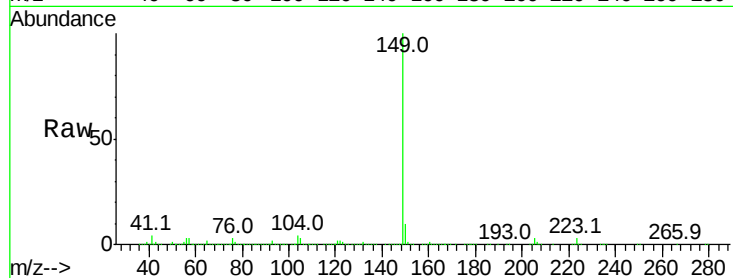
149 100

150 10.5 7.9 11.9

104 4.4 4.3 6.5

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#74

Fluoranthene

Concen: 42.45 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

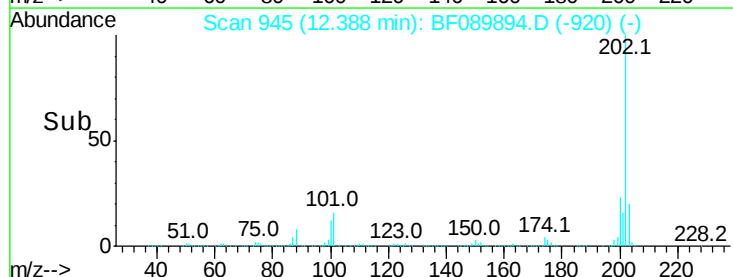
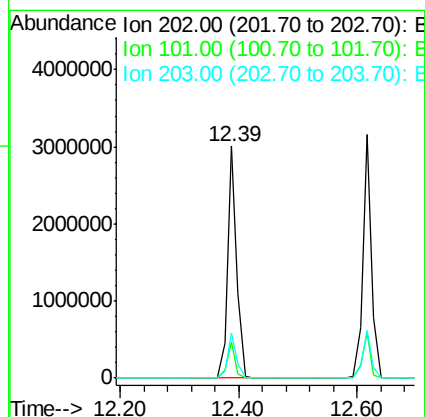
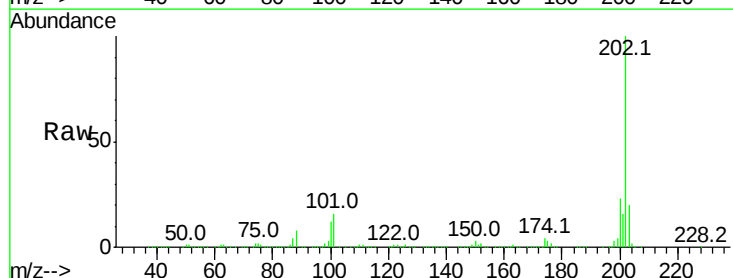
Tgt Ion:202 Resp: 3169903

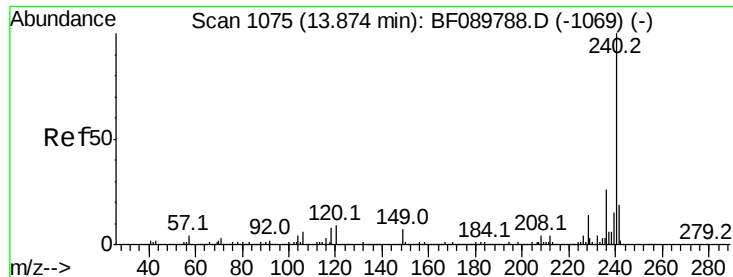
Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.2

203 19.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:240 Resp: 1174744

Ion Ratio Lower Upper

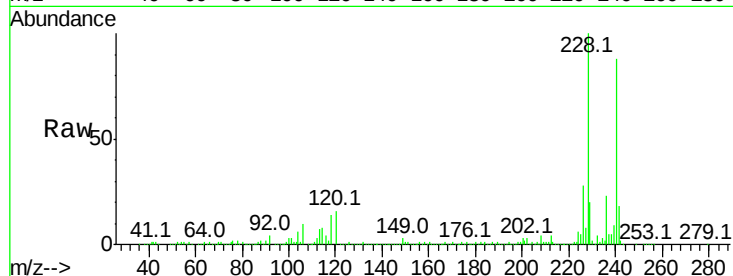
240 100

120 17.7 8.3 12.5#

236 26.7 21.3 31.9

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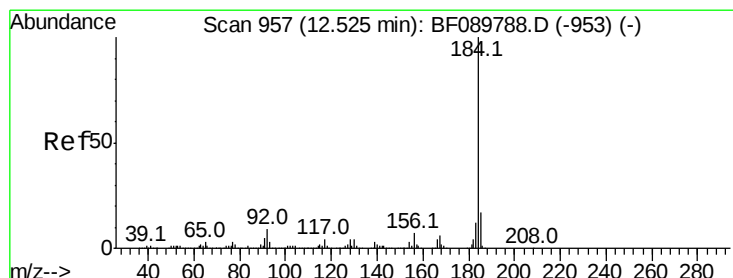
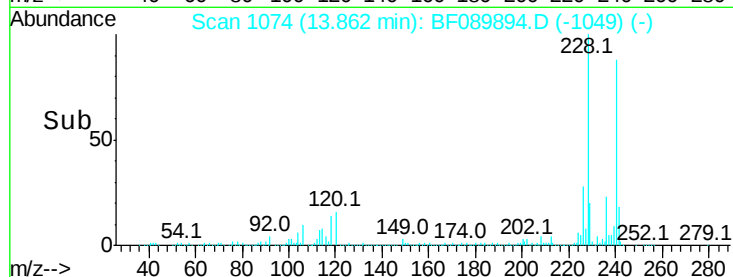
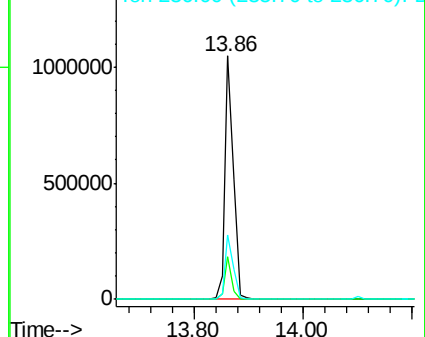
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.46 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

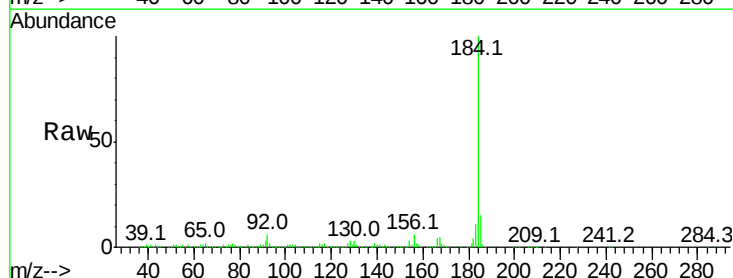
Tgt Ion:184 Resp: 1614322

Ion Ratio Lower Upper

184 100

185 15.2 13.8 20.8

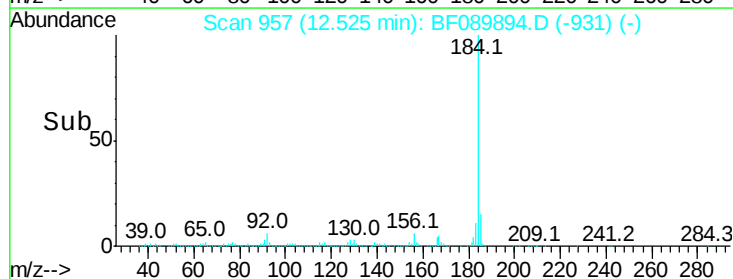
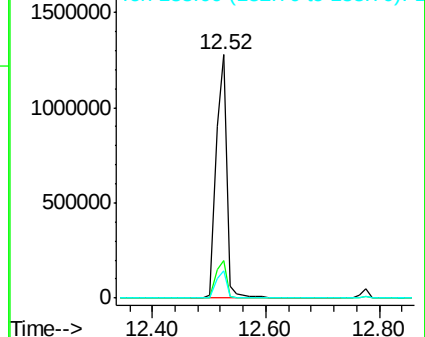
183 11.2 9.7 14.5

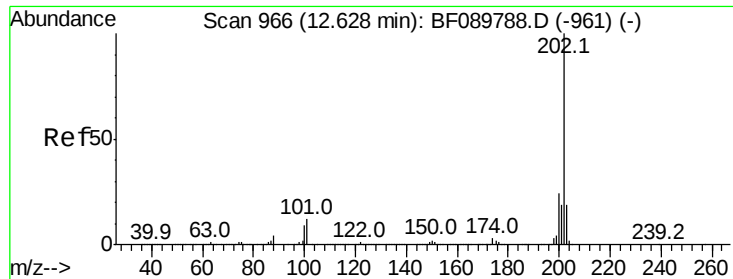


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





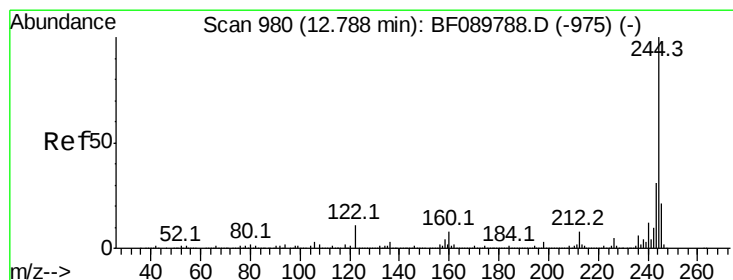
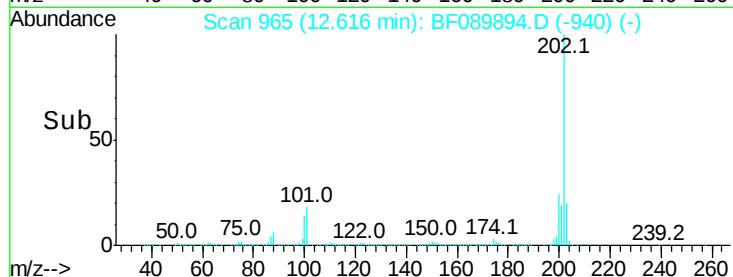
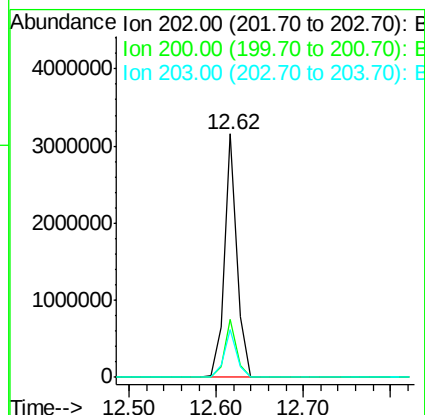
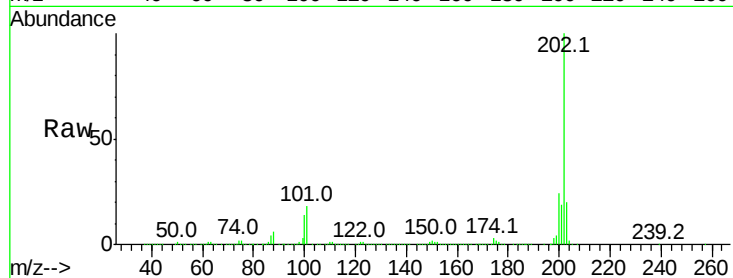
#77
Pvrene
Concen: 33.26 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.8	26.6
203	19.7	14.2	21.4

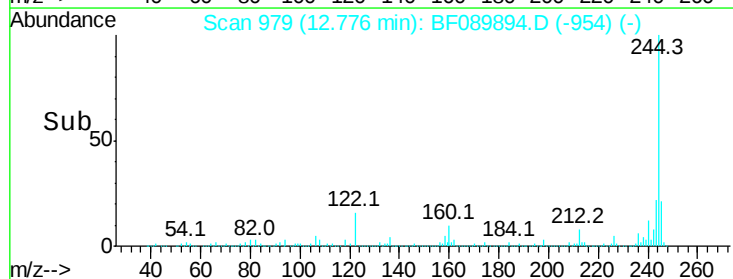
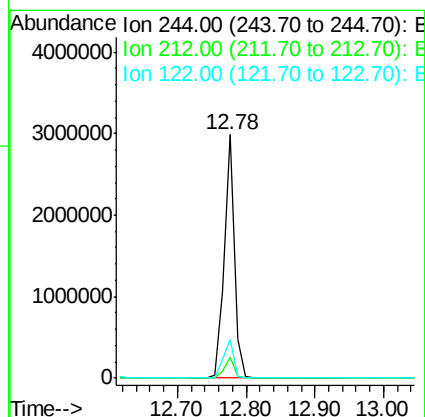
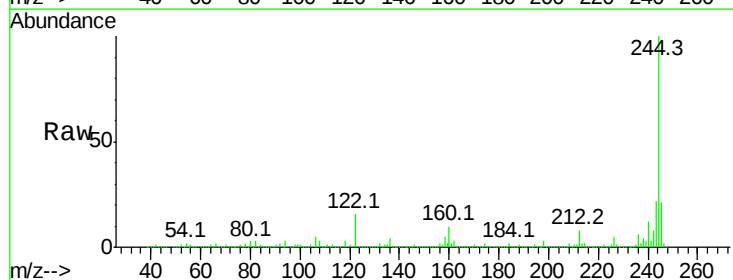
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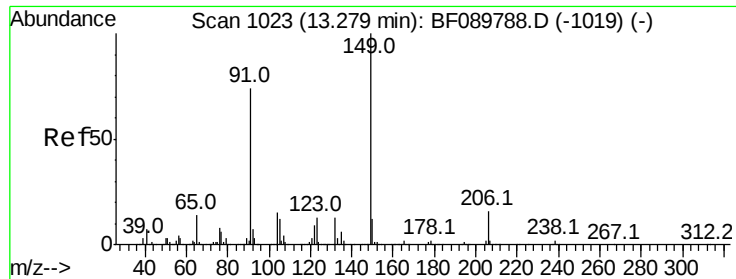
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#78
Terphenyl-d14
Concen: 60.83 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.3	9.5
122	15.7	12.0	18.0





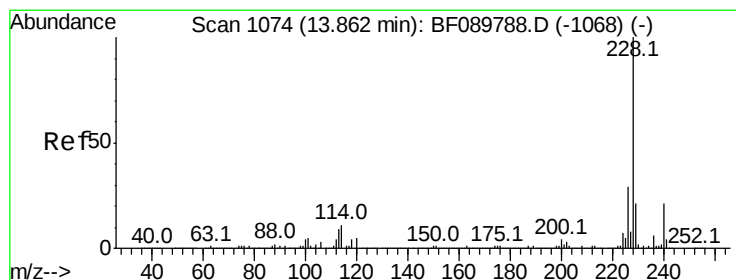
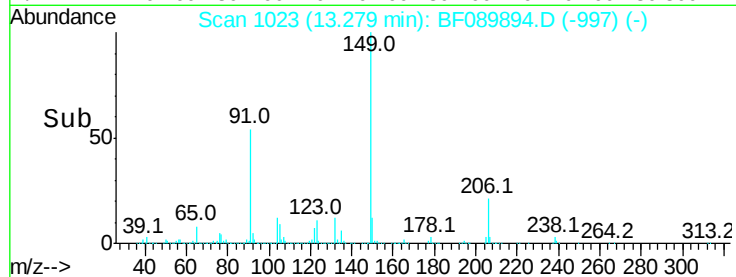
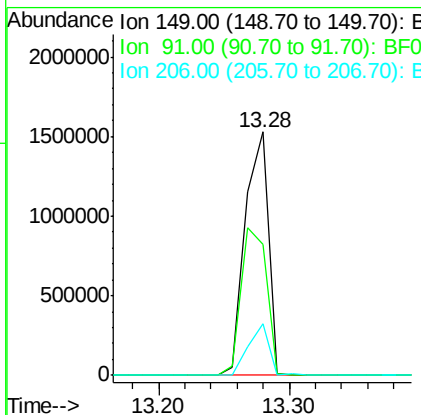
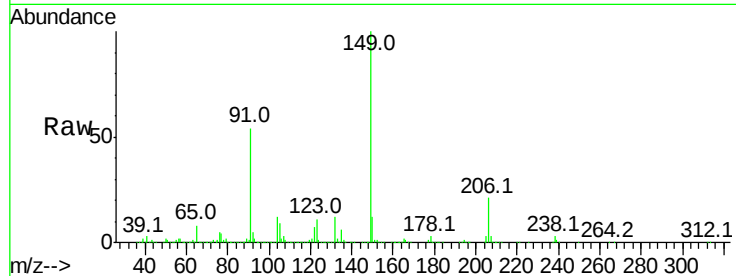
#79
 Butylbenzylphthalate
 Concen: 43.78 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.0	50.7	76.1
206	21.3	15.5	23.3

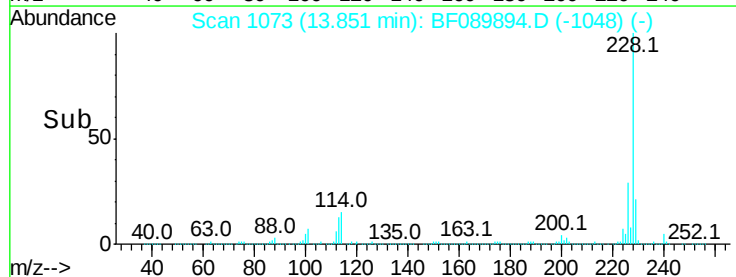
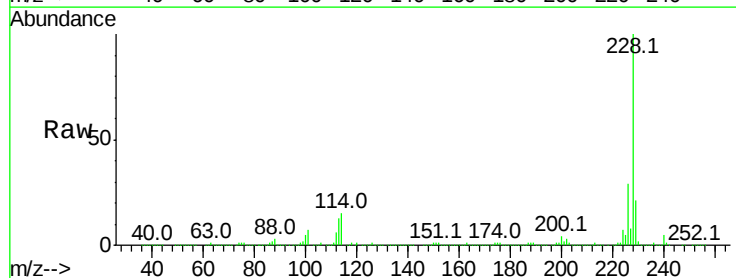
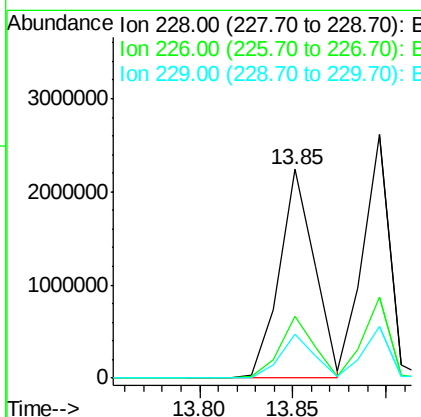
Manual Integrations
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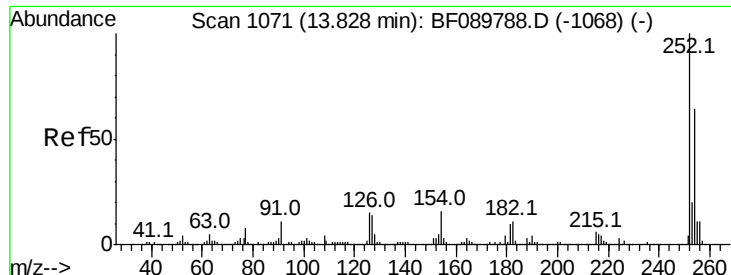
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#80
 Benzo(a)anthracene
 Concen: 43.57 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	21.0	16.2	24.4





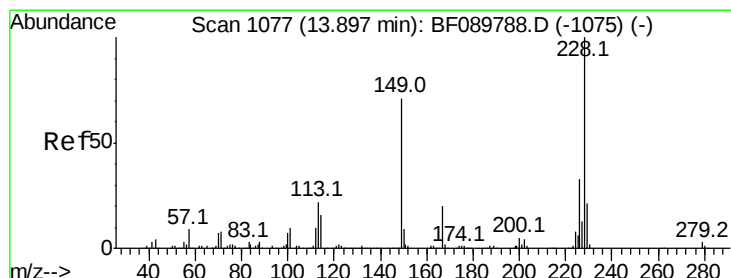
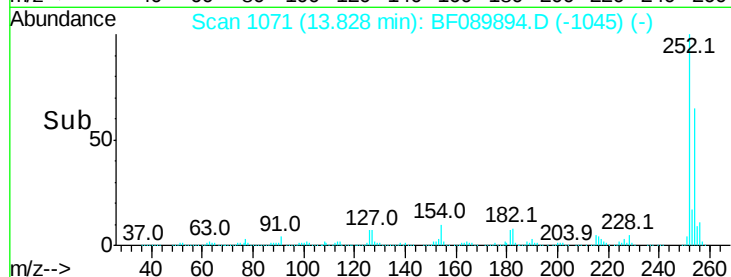
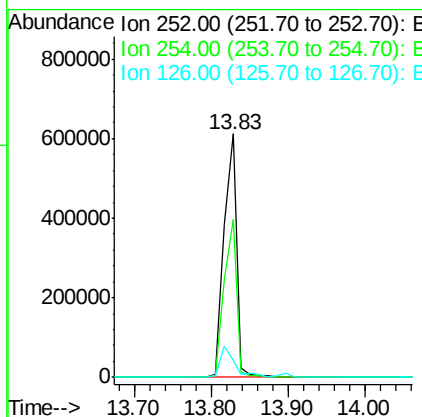
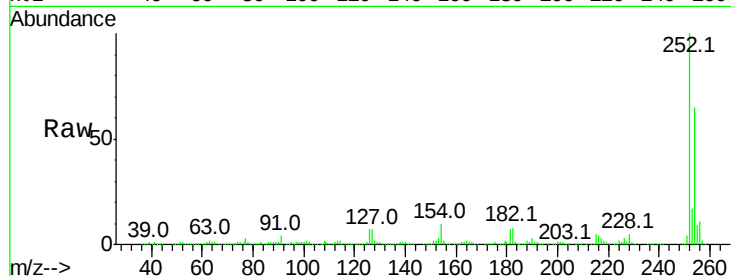
#81
 3,3'-Dichlorobenzidine
 Concen: 32.60 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.6	75.8
126	7.1	12.6	18.8#

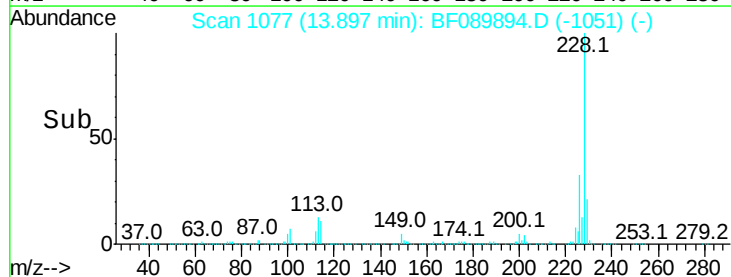
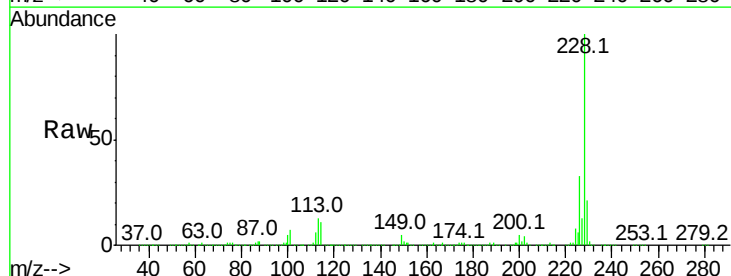
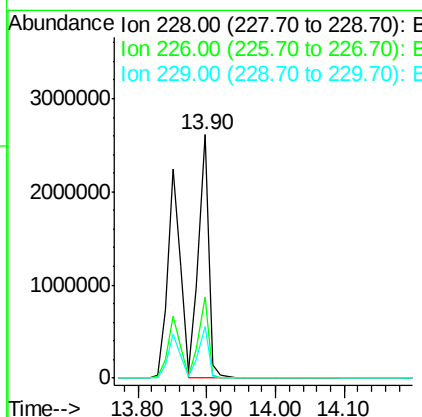
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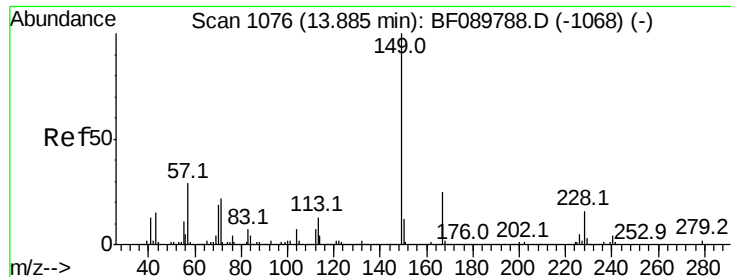
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#82
 Chrysene
 Concen: 45.08 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.3	25.4	38.0
229	21.3	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.23 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:149 Resp: 2513498

Ion Ratio Lower Upper

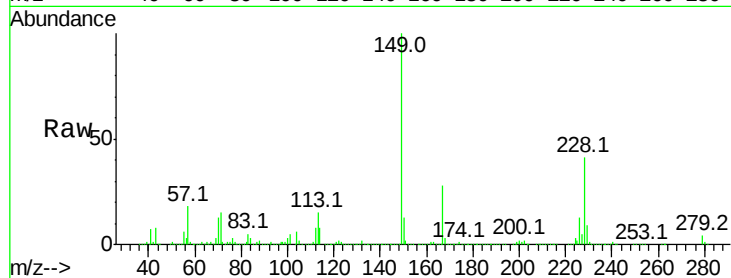
149 100

167 27.7 21.2 31.8

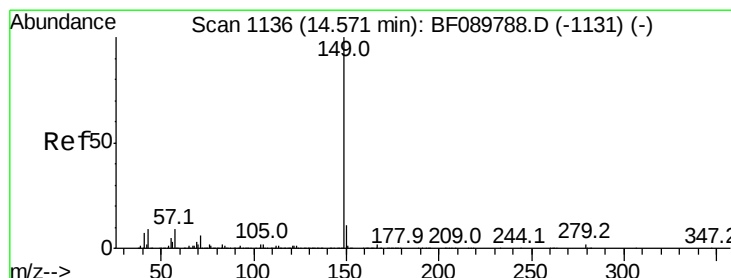
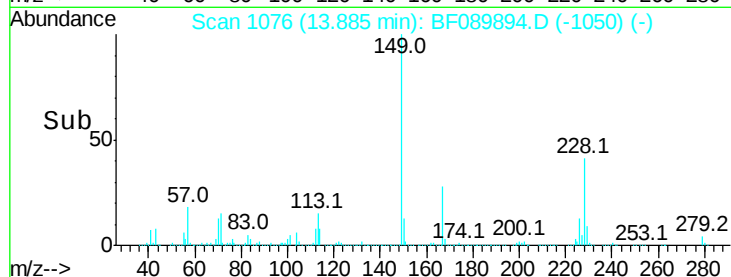
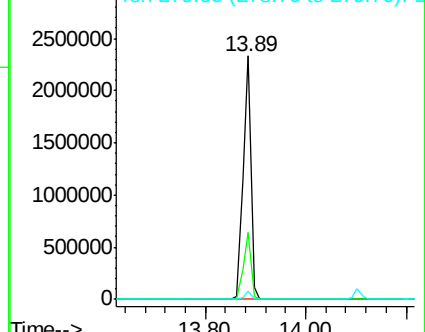
279 3.5 2.9 4.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.62 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

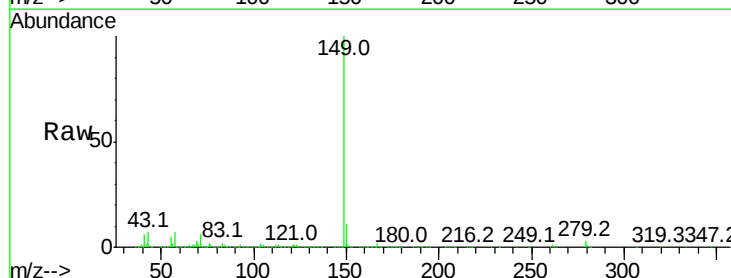
Tgt Ion:149 Resp: 4240235

Ion Ratio Lower Upper

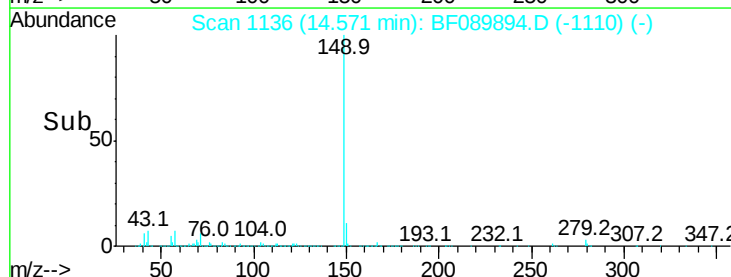
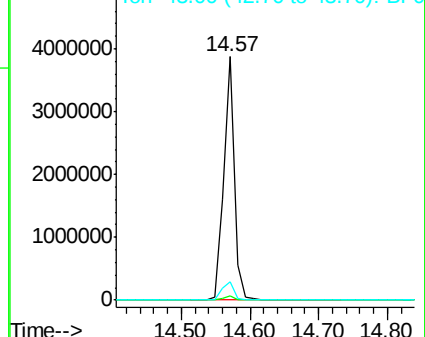
149 100

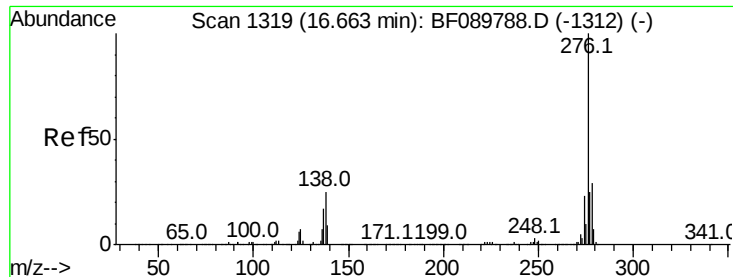
167 1.6 1.2 1.8

43 8.2 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





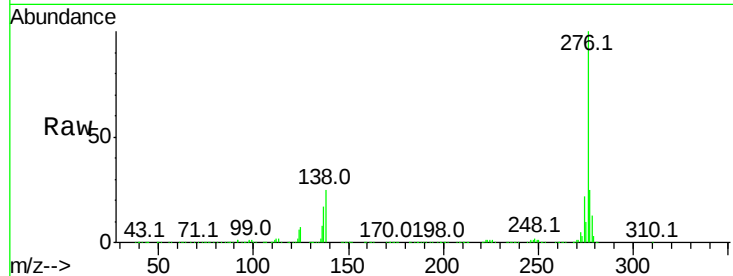
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.98 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

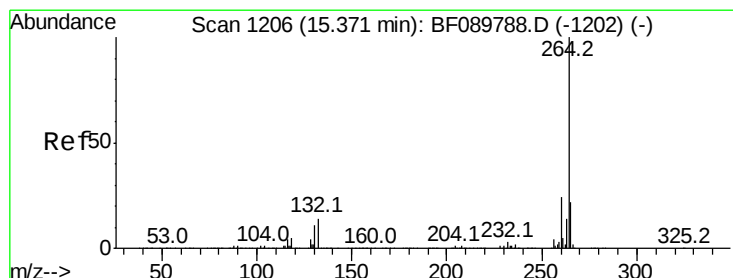
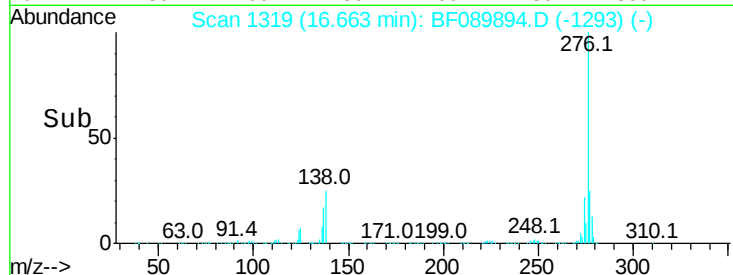
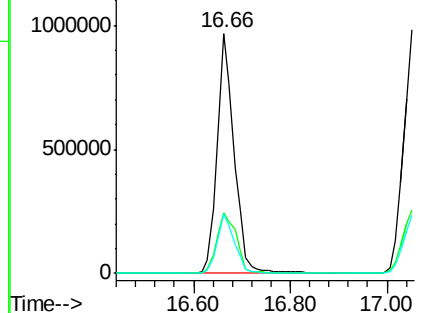
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.6	36.8
277	25.4	20.4	30.6

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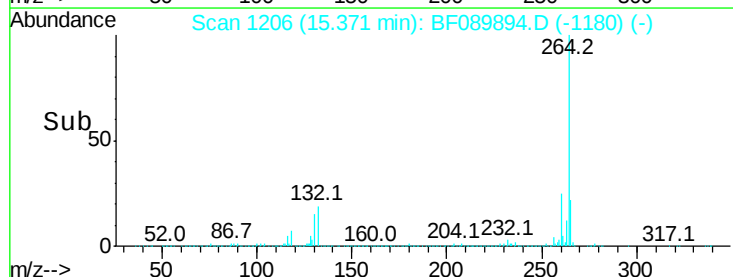
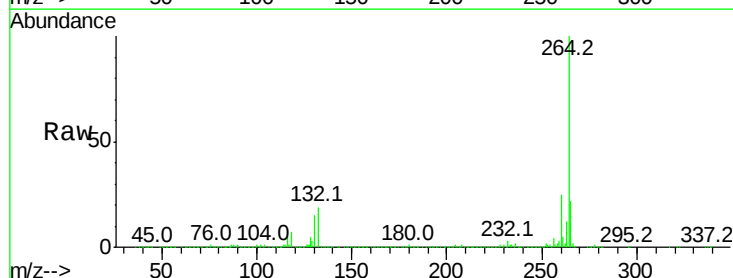
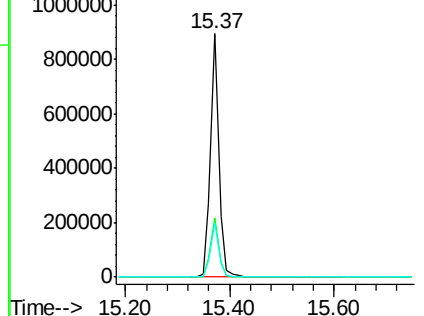
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

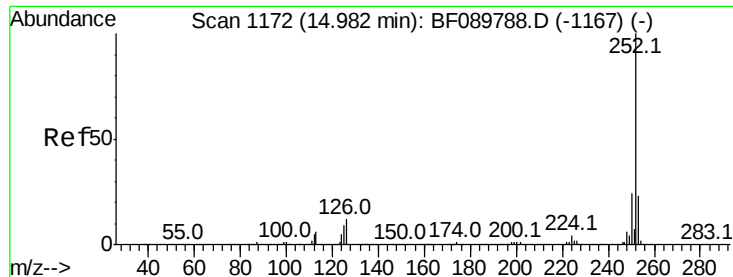


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.1	17.4	26.2

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





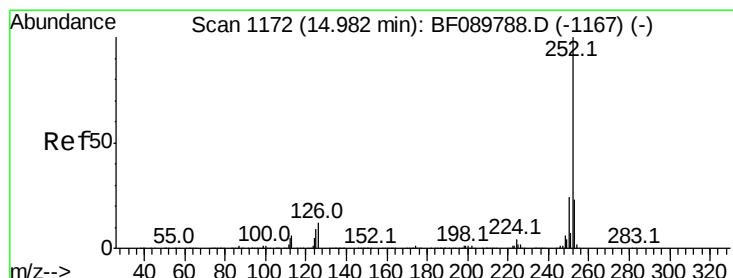
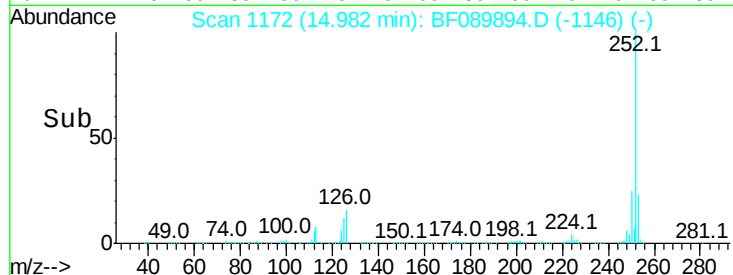
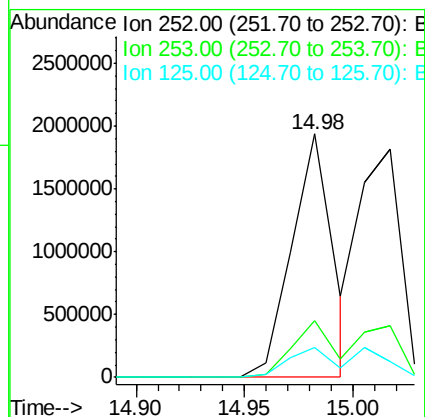
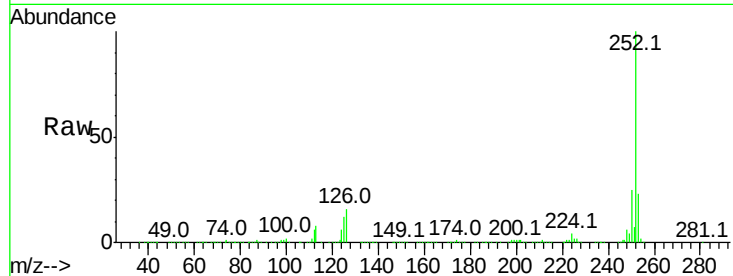
#87
Benzo(b)fluoranthene
Concen: 46.10 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.3	11.4	17.2

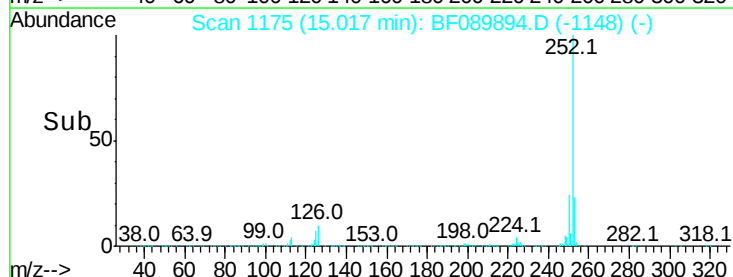
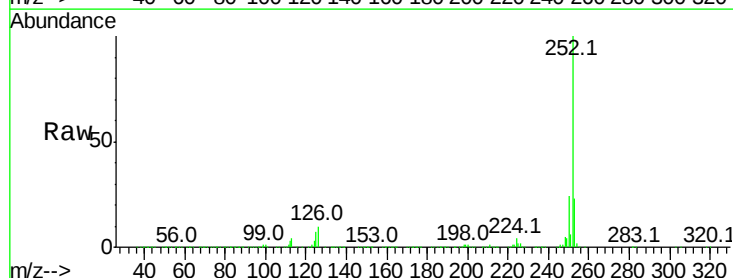
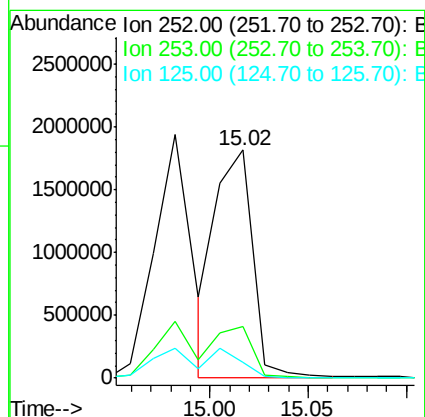
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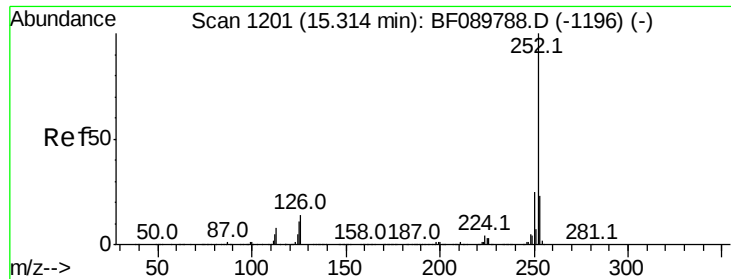
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#88
Benzo(k)fluoranthene
Concen: 48.91 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.9	9.8	14.6





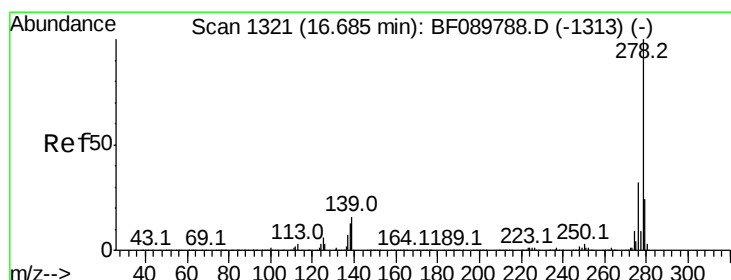
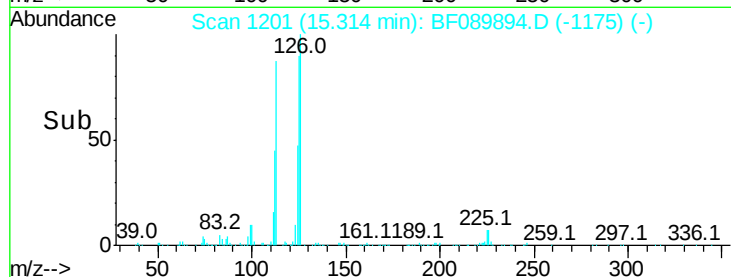
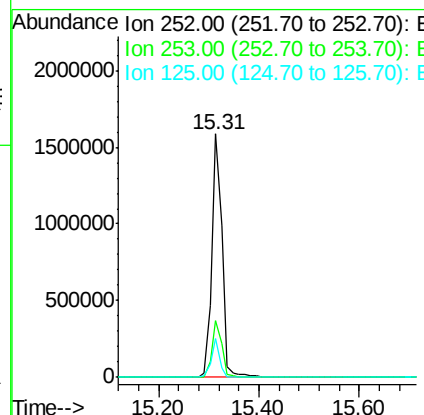
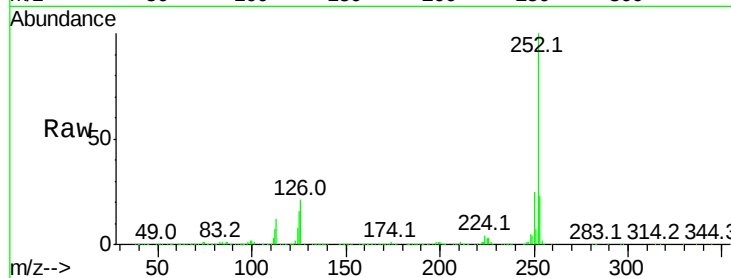
#89
Benzo(a)pyrene
Concen: 42.75 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	15.7	11.7	17.5

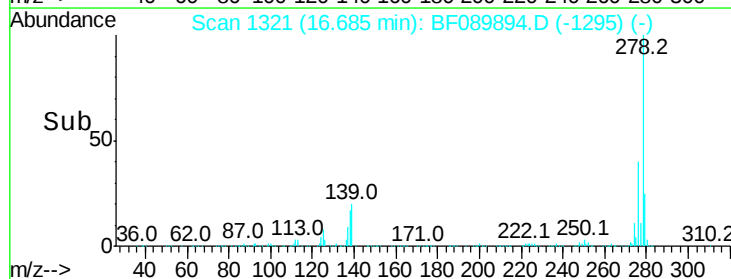
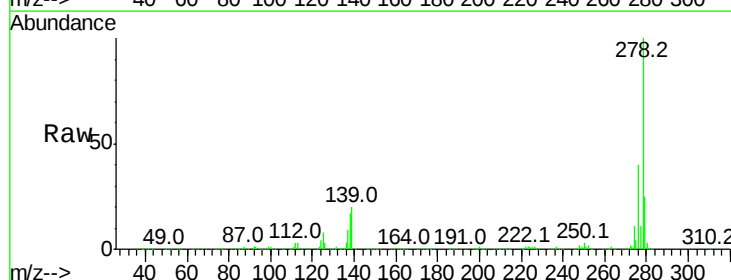
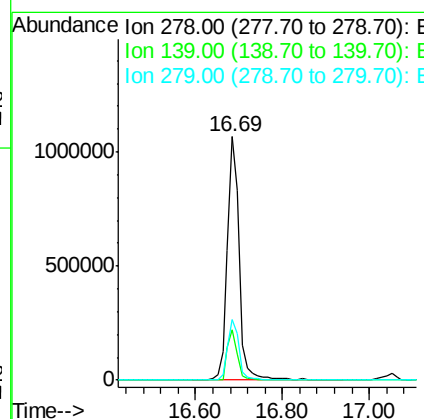
Manual Integrations
APPROVED

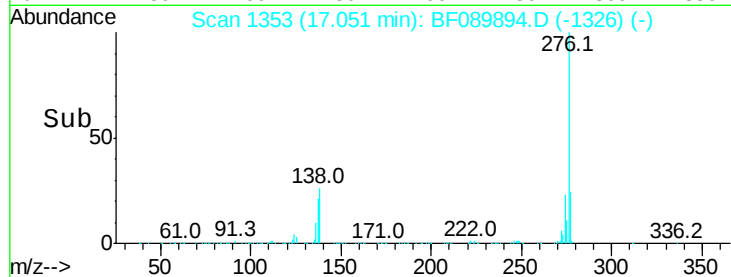
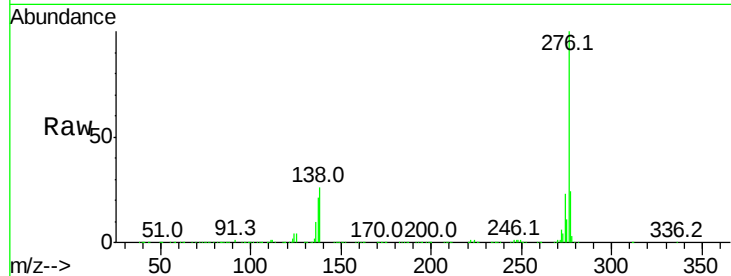
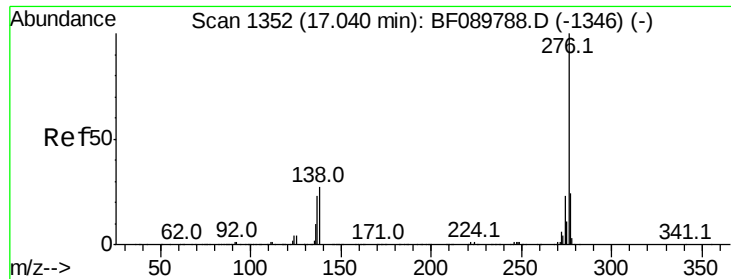
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8/25/2016 6:49:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.14 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.9	22.3
279	24.7	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 34.34 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion: 276 Resp: 2042185

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.9 22.1 33.1

Manual Integrations

APPROVED

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