

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093574.D
 Acq On : 11 Mar 2017 18:26
 Operator : SJ/MA
 Sample : I2215-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:32:19 PM

Quant Time: Mar 13 16:29:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190731	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	792016	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	371903	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	639344	20.00	ng	0.00
75) Chrysene-d12	13.88	240	402213	20.00	ng	-0.01
86) Perylene-d12	15.28	264	335582	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1573867	137.34	ng	0.01
7) Phenol-d6	6.39	99	1798036	124.42	ng	0.01
23) Nitrobenzene-d5	7.30	82	1368198	95.85	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	335526	138.47	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1834752	91.76	ng	0.00
78) Terphenyl-d14	12.82	244	1416895	91.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	252891	40.06	ng	# 85
3) Pyridine	2.94	79	664037	41.26	ng	90
4) n-Nitrosodimethylamine	2.90	42	403421	52.48	ng	82
6) Aniline	6.39	93	445389	22.46	ng	# 69
8) 2-Chlorophenol	6.52	128	577977	45.01	ng	98
9) Benzaldehyde	6.29	77	101985	8.44	ng	92
10) Phenol	6.40	94	953585	53.85	ng	84
11) bis(2-Chloroethyl)ether	6.47	93	630916	44.08	ng	98
12) 1,3-Dichlorobenzene	6.65	146	615870	41.91	ng	# 89
13) 1,4-Dichlorobenzene	6.73	146	637439	42.36	ng	100
14) 1,2-Dichlorobenzene	6.89	146	544865	40.89	ng	97
15) Benzyl Alcohol	6.88	79	517250	50.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1002526	42.17	ng	# 44
17) 2-Methylphenol	7.01	107	496589	45.72	ng	# 88
18) Hexachloroethane	7.22	117	226174	44.57	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	499253	50.25	ng	95
20) 3+4-Methylphenols	7.17	107	709651	50.38	ng	# 72
22) Acetophenone	7.14	105	834715	43.80	ng	# 99
24) Nitrobenzene	7.32	77	705706	43.99	ng	98
25) Isophorone	7.56	82	1277353	44.38	ng	94
26) 2-Nitrophenol	7.64	139	340552	46.53	ng	99
27) 2,4-Dimethylphenol	7.68	122	508672	42.72	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	825740	45.44	ng	100
29) 2,4-Dichlorophenol	7.89	162	542768	48.45	ng	90
30) 1,2,4-Trichlorobenzene	7.96	180	516977	43.40	ng	98
31) Naphthalene	8.02	128	1599731	40.31	ng	99
33) 4-Chloroaniline	8.09	127	338929	21.04	ng	# 90
34) Hexachlorobutadiene	8.14	225	255452	41.63	ng	98
35) Caprolactam	8.48	113	194133m	50.74	ng	
36) 4-Chloro-3-methylphenol	8.61	107	577777	48.32	ng	93
37) 2-Methylnaphthalene	8.72	142	1092557	43.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	474563	46.73	ng	99
40) Hexachlorocyclopentadiene	8.87	237	254032	96.25	ng	97
42) 2,4,6-Trichlorophenol	9.02	196	341087	53.76	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	331289	48.66	nq	97
45) 1,1'-Biphenyl	9.18	154	1259242	46.48	nq	95
46) 2-Chloronaphthalene	9.21	162	1042684	50.28	nq	97
47) 2-Nitroaniline	9.33	65	426505	58.18	nq	87
48) Acenaphthylene	9.62	152	1607041	46.99	nq	99
49) Dimethylphthalate	9.50	163	1574147	63.85	nq	100
50) 2,6-Dinitrotoluene	9.57	165	296171	54.74	nq	# 87
51) Acenaphthene	9.80	154	969572	47.94	nq	97
52) 3-Nitroaniline	9.74	138	204037	31.39	nq	99
53) 2,4-Dinitrophenol	9.86	184	90794	36.85	nq	# 57
54) Dibenzofuran	9.97	168	1389960	54.91	nq	98
55) 4-Nitrophenol	9.94	139	245906m	77.89	nq	
56) 2,4-Dinitrotoluene	9.98	165	363403	54.68	nq	93
57) Fluorene	10.31	166	1050158	48.96	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	246491	51.30	nq	# 97
59) Diethylphthalate	10.20	149	1202208	51.02	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	466639	48.53	nq	88
61) 4-Nitroaniline	10.36	138	278271	41.86	nq	94
62) Azobenzene	10.46	77	1486877	55.53	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	178664	43.13	nq	# 54
65) n-Nitrosodiphenylamine	10.42	169	902616	42.28	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	280995	41.56	nq	# 82
67) Hexachlorobenzene	10.86	284	268999	41.67	nq	97
68) Atrazine	10.96	200	314952	50.40	nq	96
69) Pentachlorophenol	11.06	266	194816	87.40	nq	98
70) Phenanthrene	11.27	178	1595645	43.72	nq	99
71) Anthracene	11.32	178	1473791	39.92	nq	99
72) Carbazole	11.49	167	1440666	41.54	nq	99
73) Di-n-butylphthalate	11.81	149	1803144	44.94	nq	# 97
74) Fluoranthene	12.46	202	1508205	42.79	nq	93
76) Benzidine	12.58	184	361659	27.34	nq	96
77) Pyrene	12.68	202	1473077	50.36	nq	100
79) Butylbenzylphthalate	13.29	149	655818	53.26	nq	98
80) Benzo(a)anthracene	13.87	228	1063184	44.76	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	203830	24.50	nq	99
82) Chrysene	13.91	228	1016801	46.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	894863	52.14	nq	# 98
84) Di-n-octyl phthalate	14.46	149	1285977	44.95	nq	96
85) Indeno(1,2,3-cd)pyrene	16.63	276	876166	47.63	nq	# 93
87) Benzo(b)fluoranthene	14.88	252	1105462m	54.09	nq	
88) Benzo(k)fluoranthene	14.92	252	589958m	29.93	nq	
89) Benzo(a)pyrene	15.23	252	815053	43.64	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	744393	48.17	nq	# 94
91) Benzo(g,h,i)perylene	17.02	276	792221	49.95	nq	# 90

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

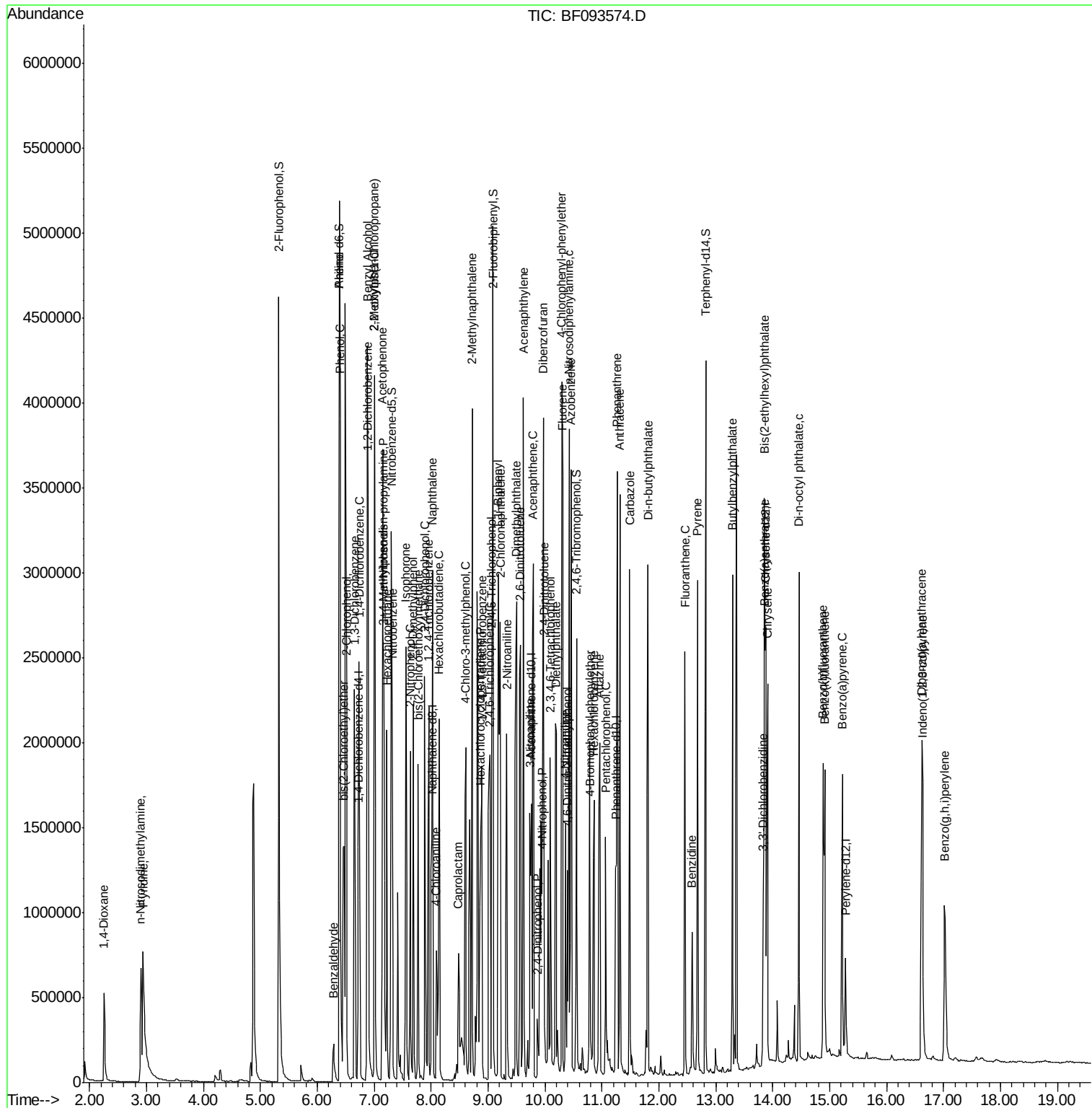
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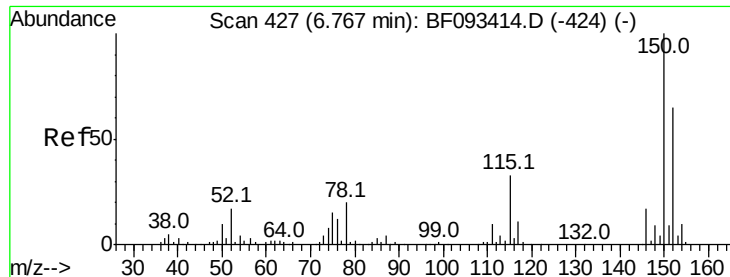
Instrument :
BNA_F
ClientSampleID :
E2-V4-BASEMS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

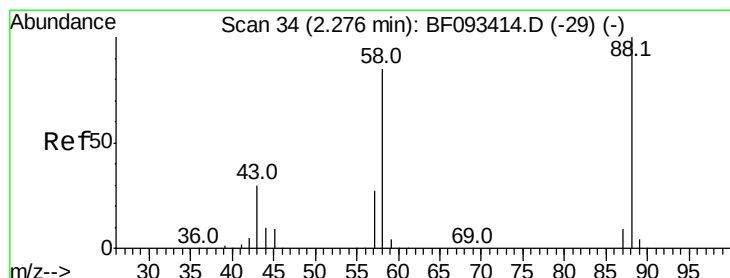
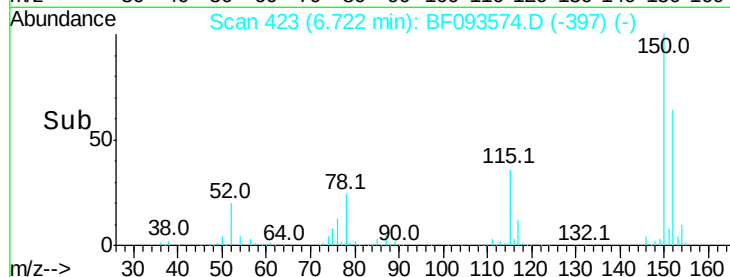
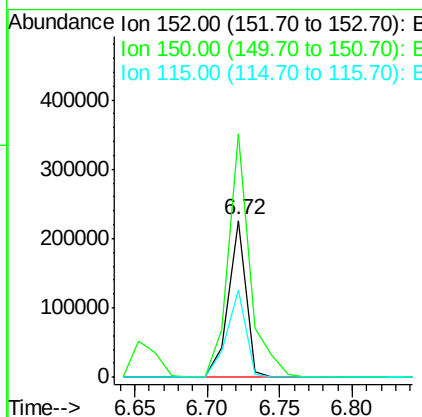
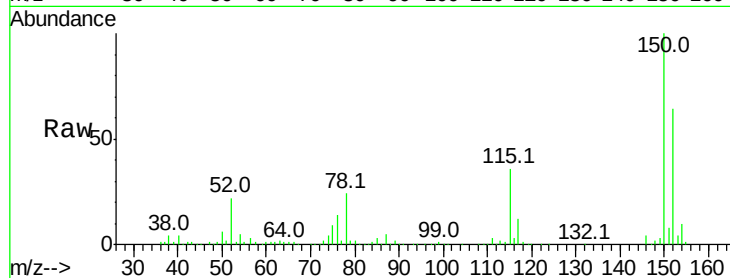
ClientSampleId :

E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	55.9	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.06 ng

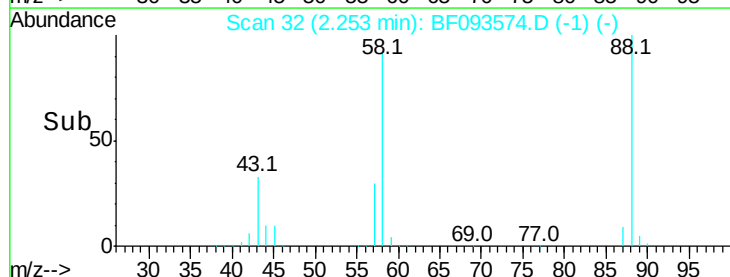
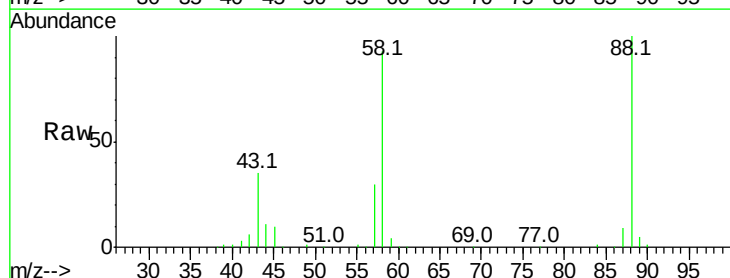
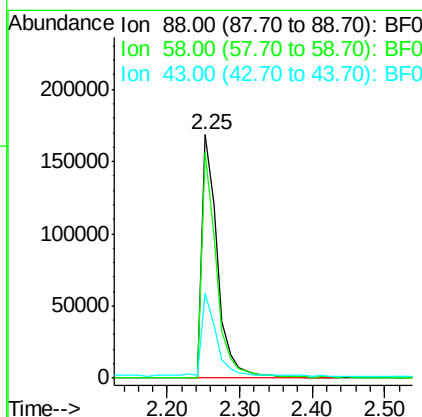
RT: 2.25 min Scan# 32

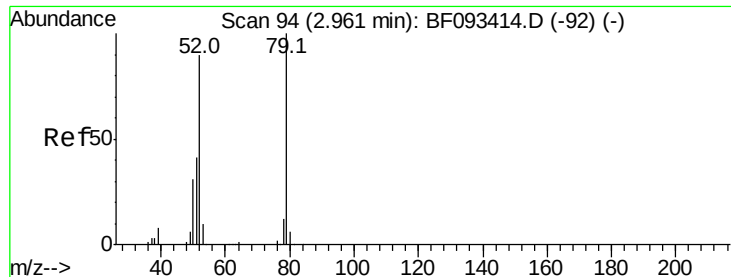
Delta R.T. 0.07 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	57.8	86.8#
43	31.8	22.3	33.5





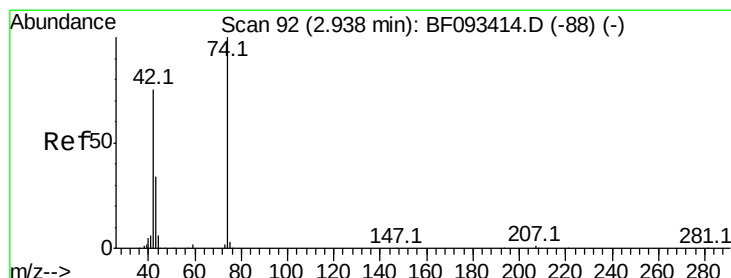
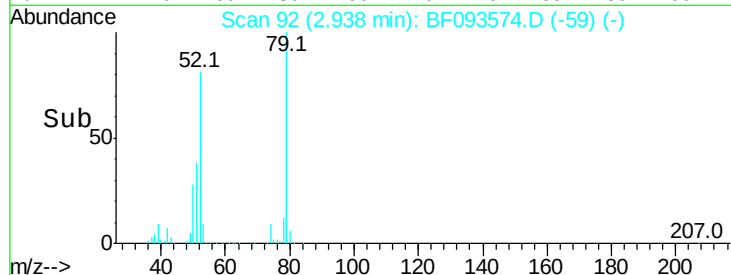
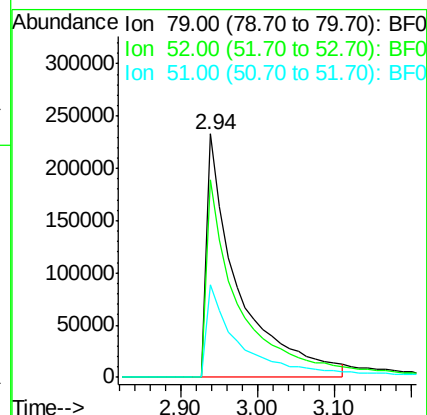
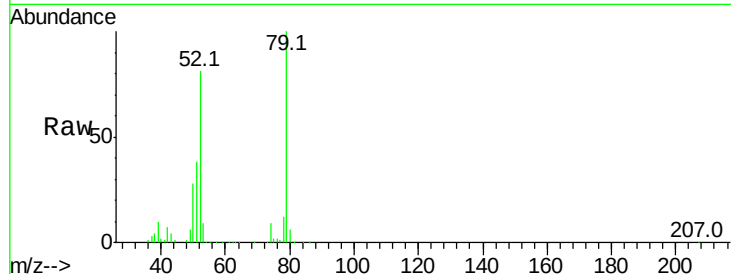
#3
 Pvridine
 Concen: 41.26 ng
 RT: 2.94 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.1	57.1	85.7	
51	38.3	27.3	40.9	

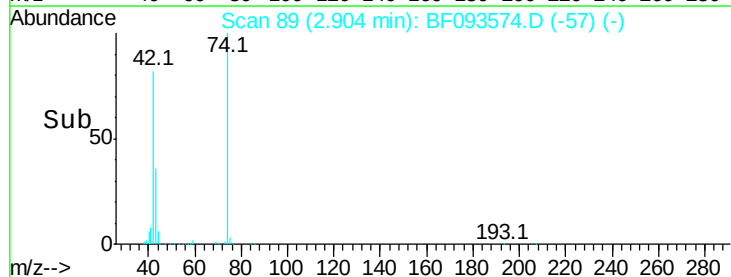
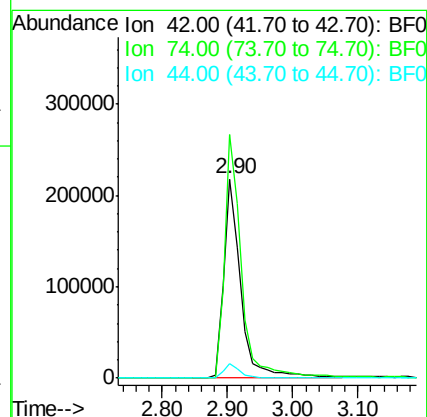
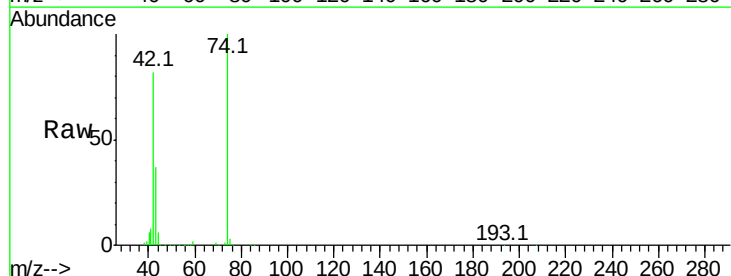
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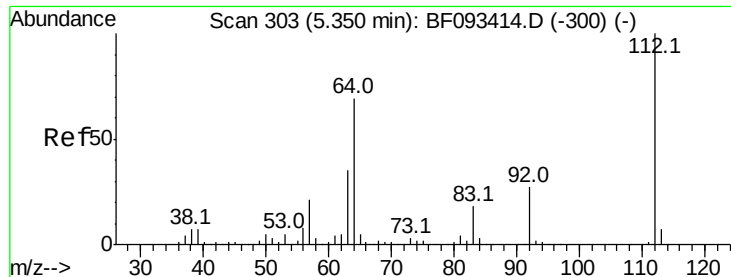
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#4
 n-Nitrosodimethylamine
 Concen: 52.48 ng
 RT: 2.90 min Scan# 89
 Delta R.T. 0.07 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	122.3	117.0	175.4	
44	7.4	5.5	8.3	





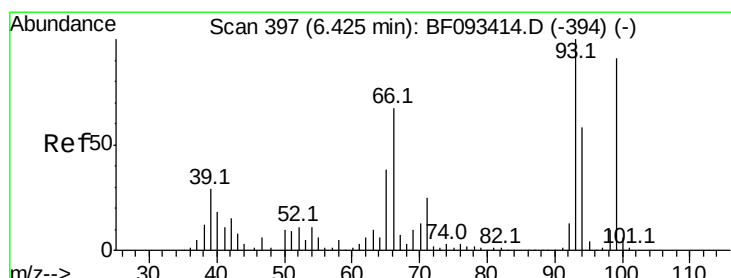
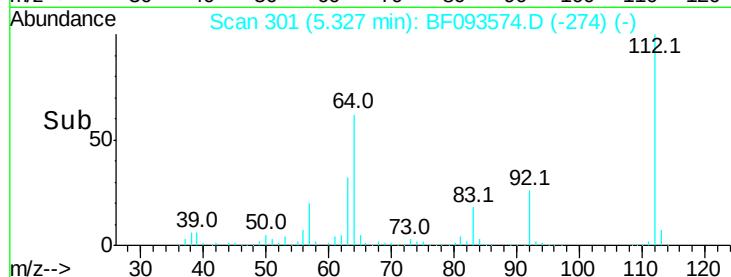
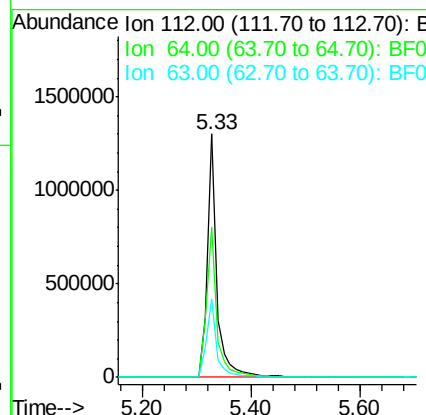
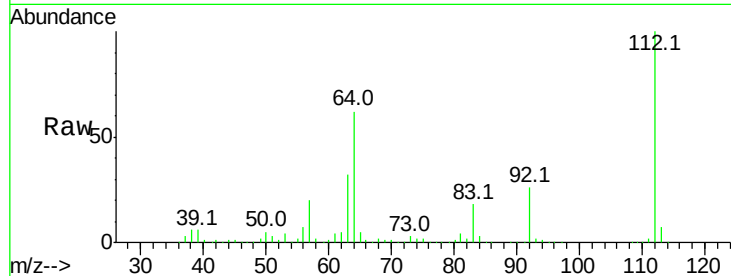
#5
2-Fluorophenol
Concen: 137.34 ng
RT: 5.33 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
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ClientSampleId :
E2-V4-BASEMS

Tot Ion: 112 Resp: 1573867
Ion Ratio Lower Upper
112 100
64 61.9 46.1 69.1
63 32.1 23.8 35.6

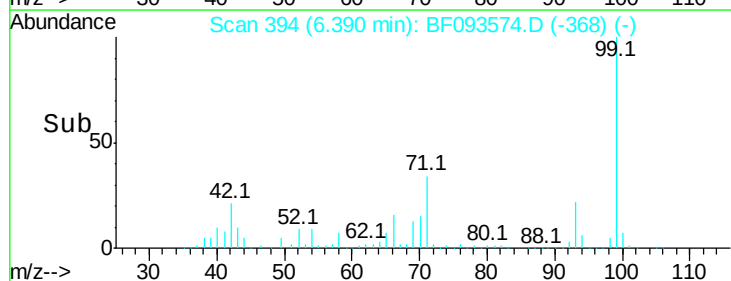
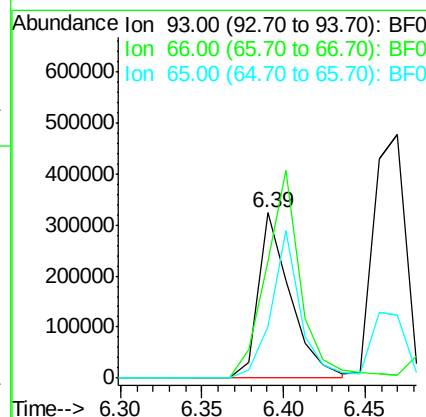
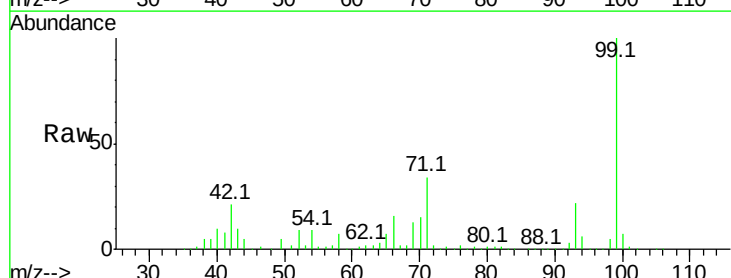
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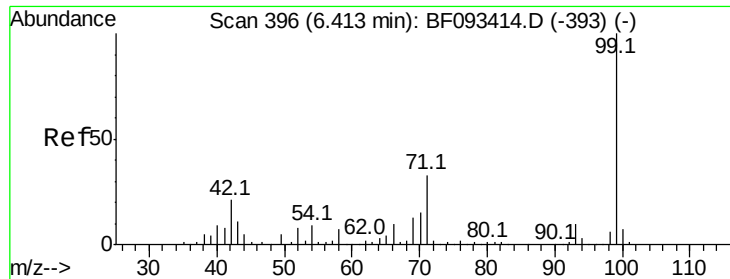
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#6
Aniline
Concen: 22.46 ng
RT: 6.39 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion: 93 Resp: 445389
Ion Ratio Lower Upper
93 100
66 71.1 76.2 114.2#
65 31.1 49.3 73.9#





#7

Phenol-d6

Concen: 124.42 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion: 99 Resp: 1798036

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

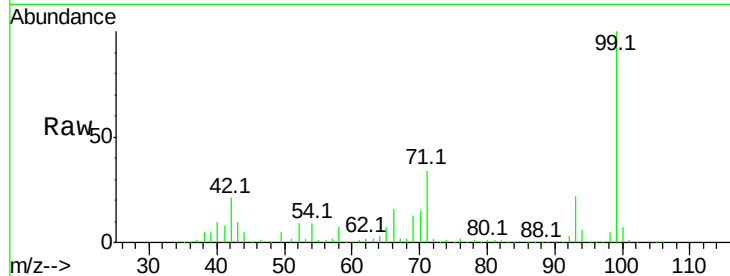
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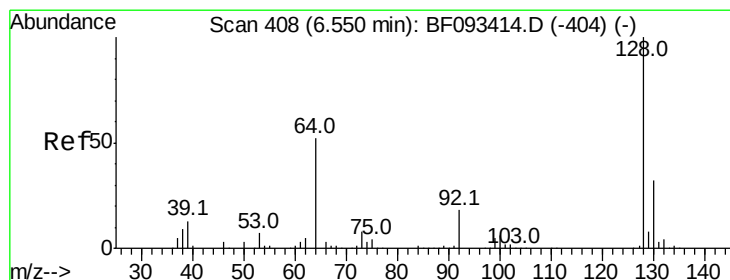
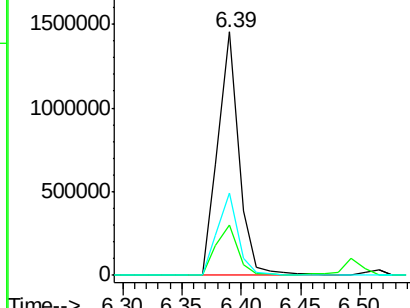
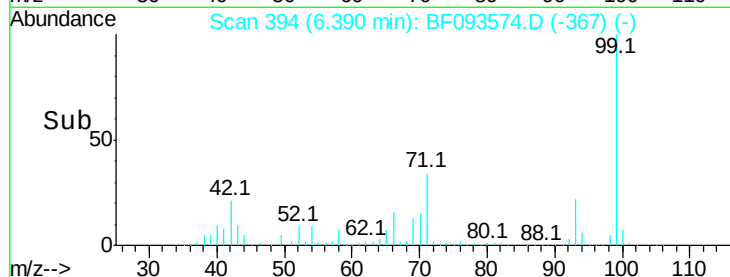
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.01 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

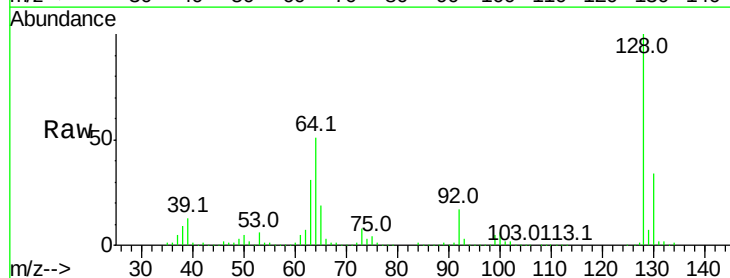
Tgt Ion:128 Resp: 577977

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

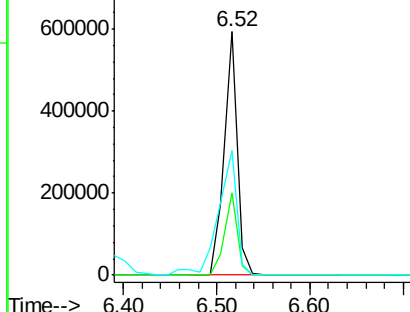
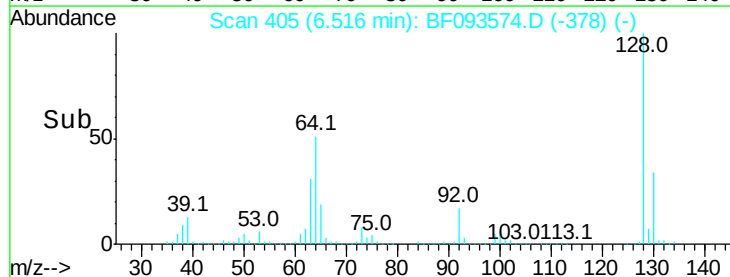
64 51.2 32.2 72.2

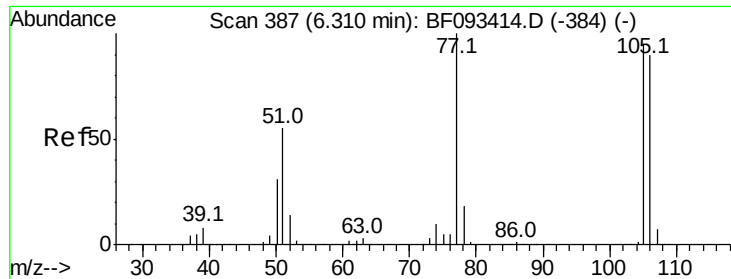


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.44 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

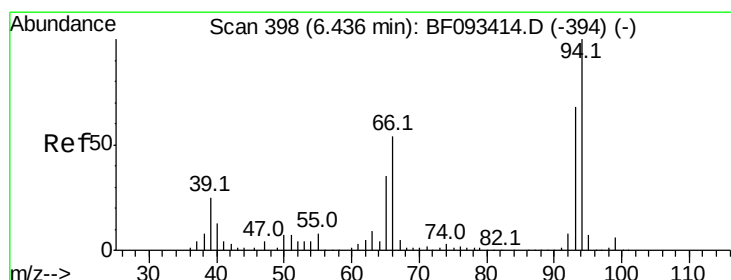
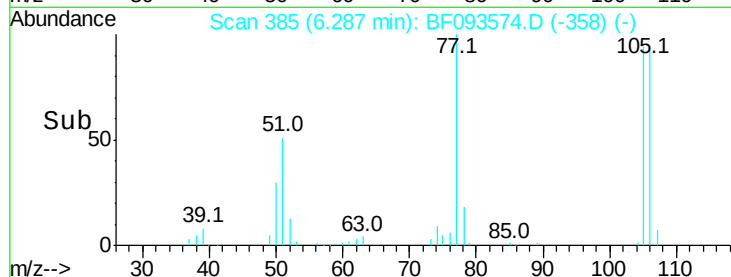
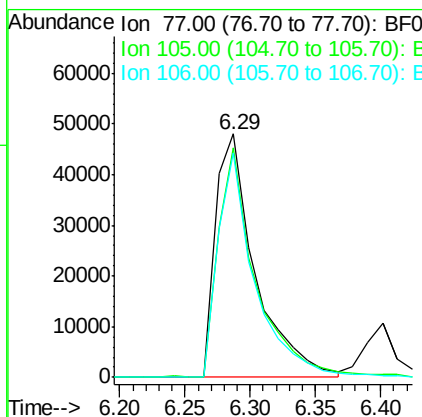
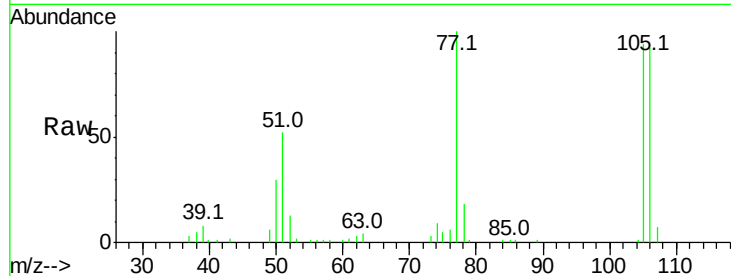
ClientSampleId :

E2-V4-BASEMS

Tot Ion:	77	Resp:	101985
Ion	Ratio	Lower	Upper
77	100		
105	94.1	83.9	123.9
106	92.2	77.6	117.6

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#10

Phenol

Concen: 53.85 ng

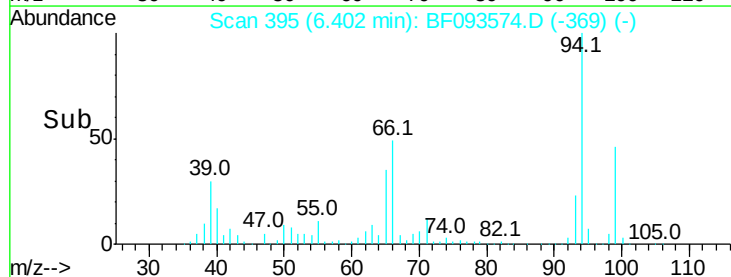
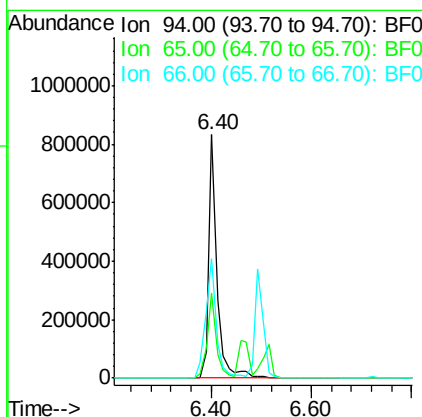
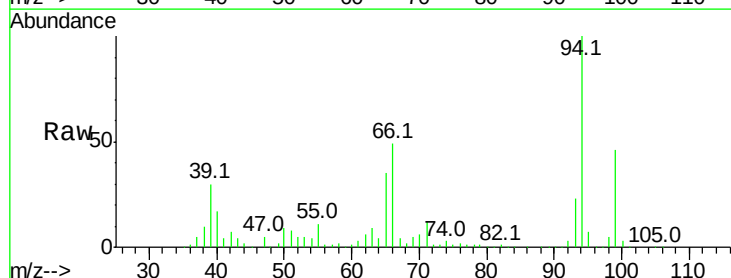
RT: 6.40 min Scan# 395

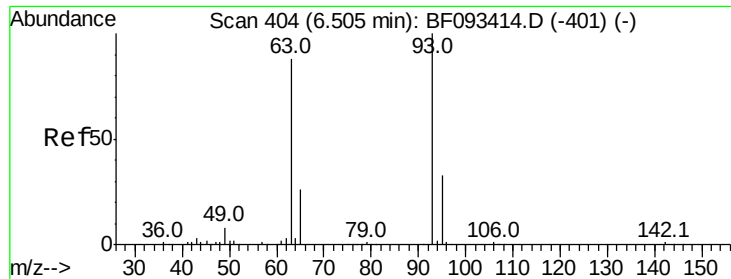
Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:	94	Resp:	953585
Ion	Ratio	Lower	Upper
94	100		
65	34.6	21.4	61.4
66	48.8	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.08 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

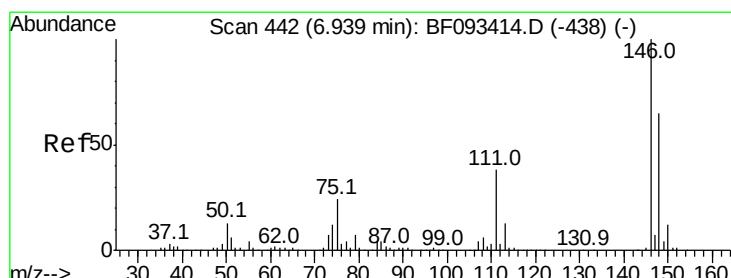
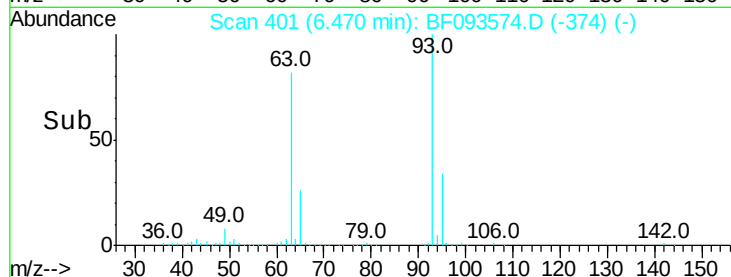
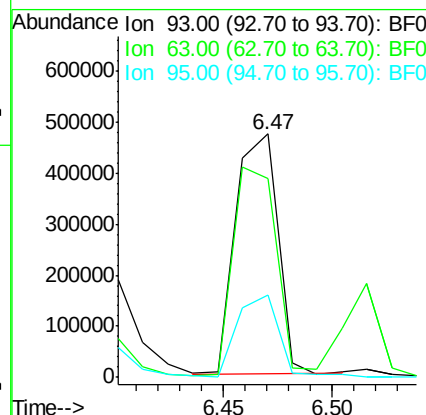
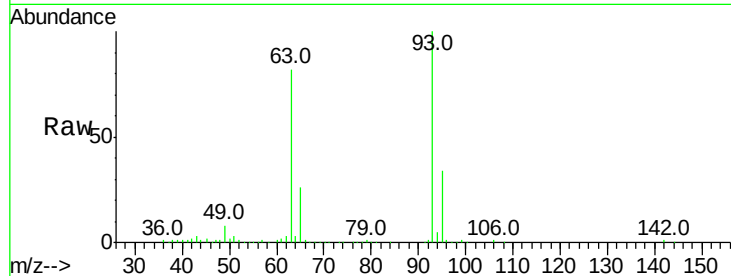
ClientSampleId :

E2-V4-BASEMS

Tot Ion:	93	Resp:	630916
Ion Ratio	Lower	Upper	
93	100		
63	81.7	60.4	100.4
95	33.9	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.91 ng

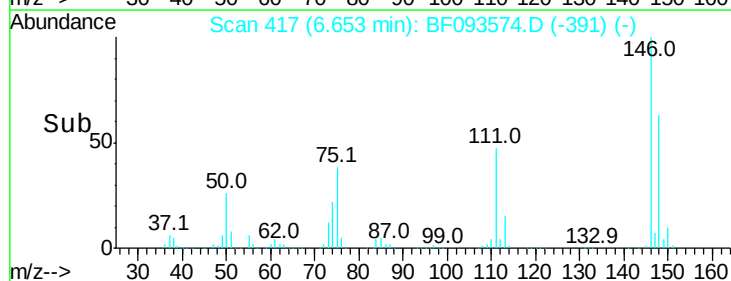
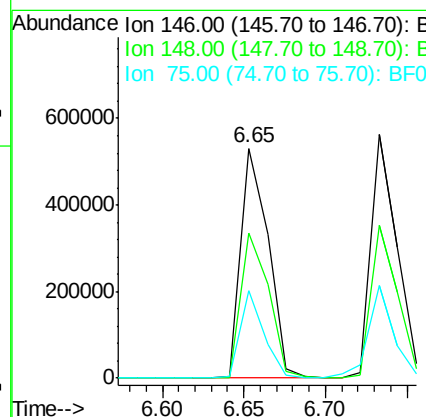
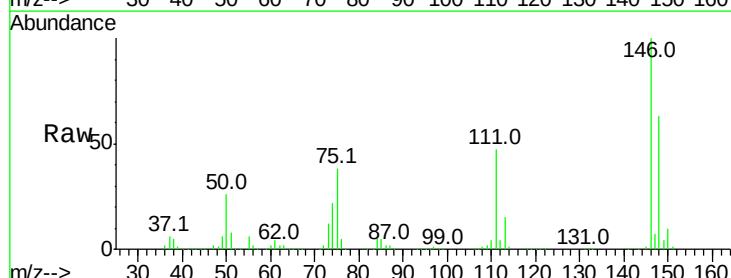
RT: 6.65 min Scan# 417

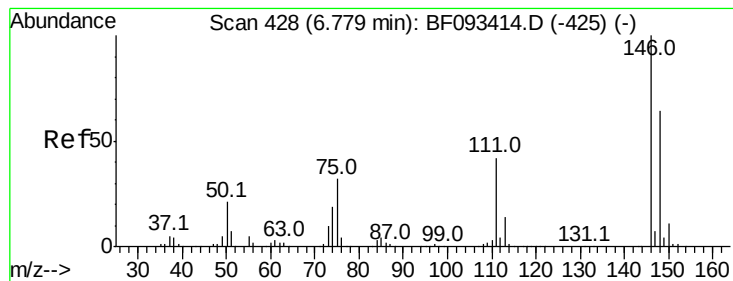
Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:	146	Resp:	615870
Ion Ratio	Lower	Upper	
146	100		
148	63.1	53.4	80.0
75	37.8	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.36 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:146 Resp: 637439

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

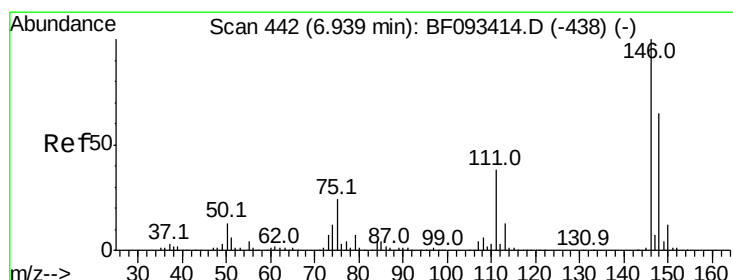
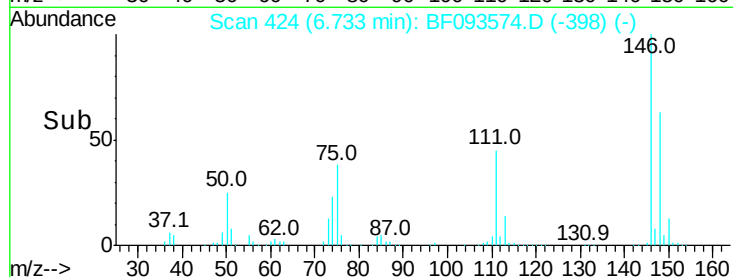
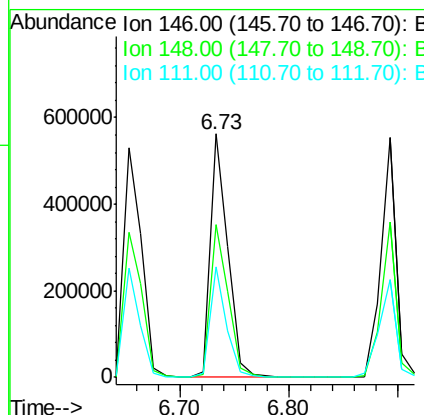
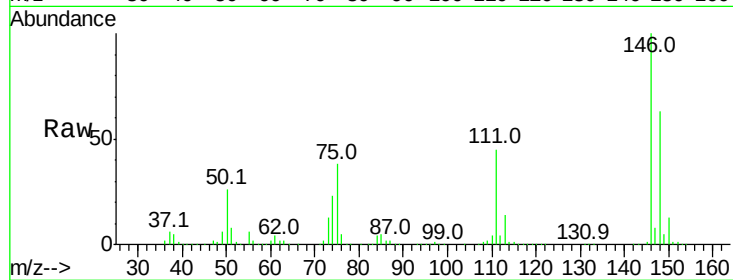
111 45.4 36.2 54.4

Manual Integrations

APPROVED

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#14

1,2-Dichlorobenzene

Concen: 40.89 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

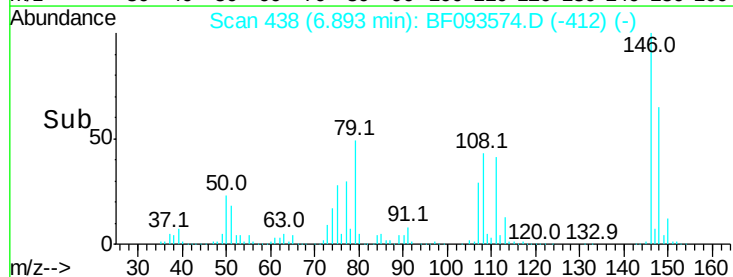
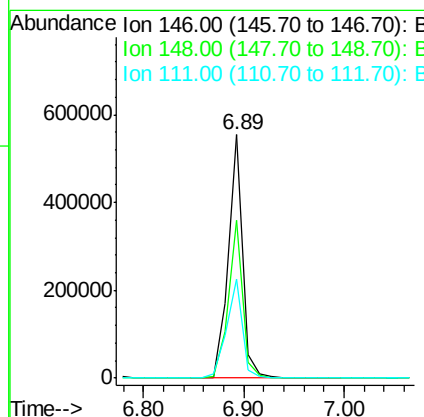
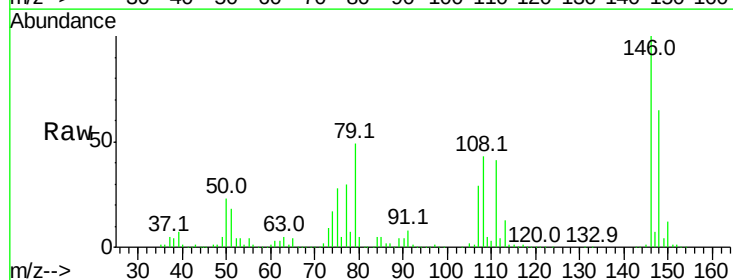
Tgt Ion:146 Resp: 544865

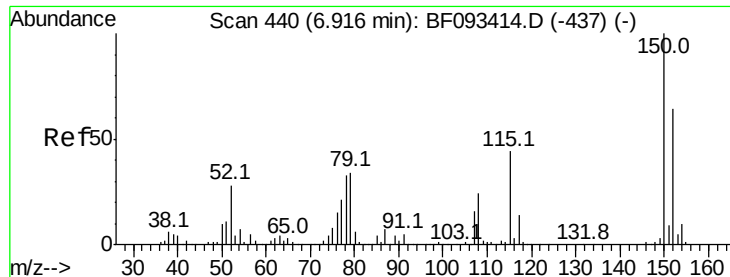
Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

111 40.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.21 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion: 79 Resp: 517250

Ion Ratio Lower Upper

79 100

108 70.6 61.4 92.0

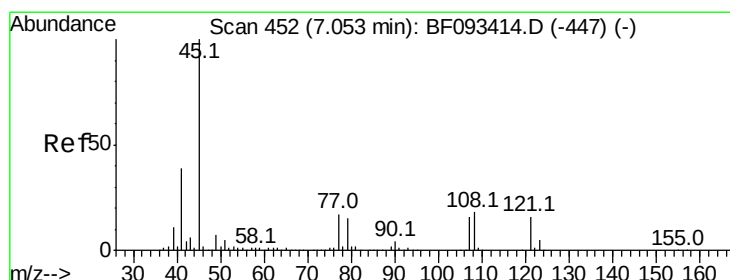
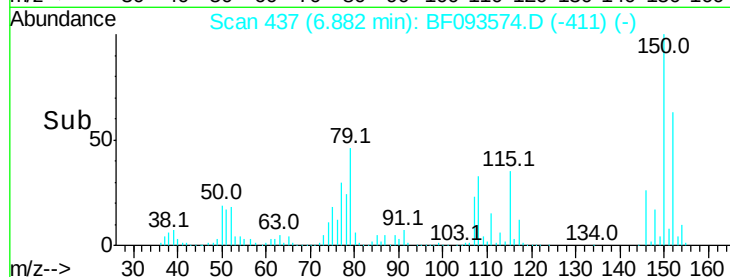
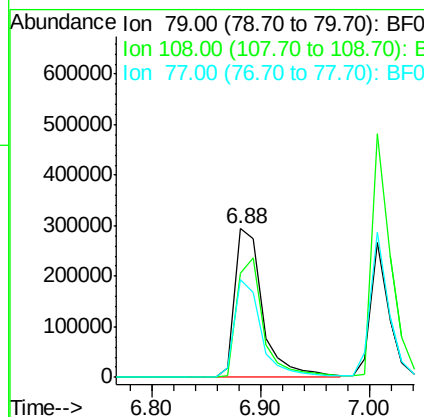
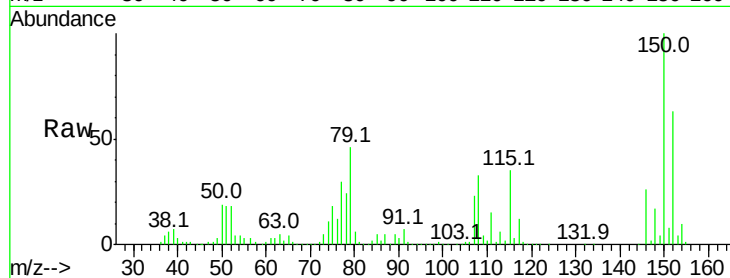
77 65.5 50.9 76.3

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.17 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

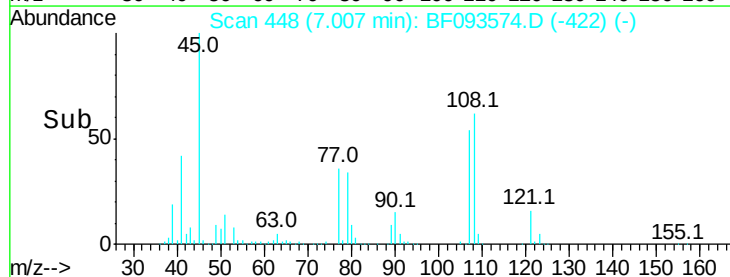
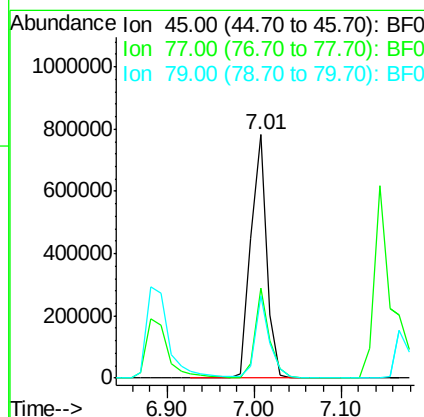
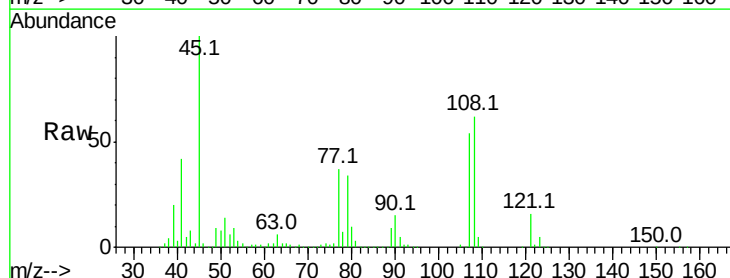
Tgt Ion: 45 Resp: 1002526

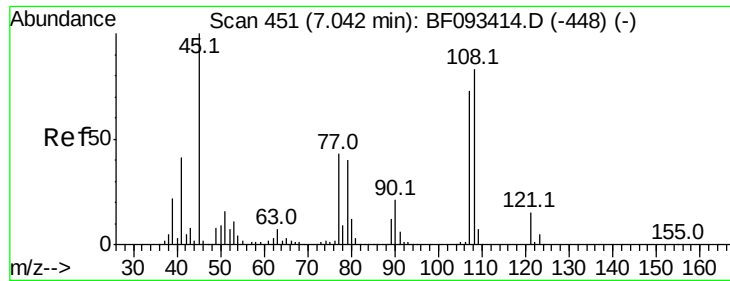
Ion Ratio Lower Upper

45 100

77 36.9 0.0 34.6#

79 34.0 0.0 31.2#





#17

2-Methylphenol

Concen: 45.72 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:107 Resp: 496589

Ion Ratio Lower Upper

107 100

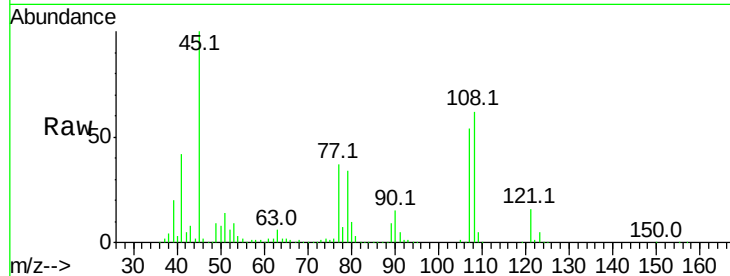
108 114.6 93.0 139.6

77 68.5 39.8 59.8#

79 63.2 38.0 57.0#

Manual Integrations
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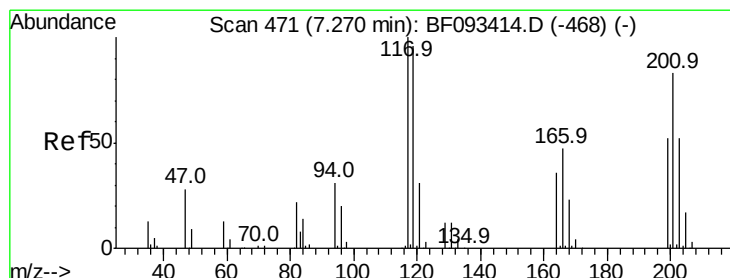
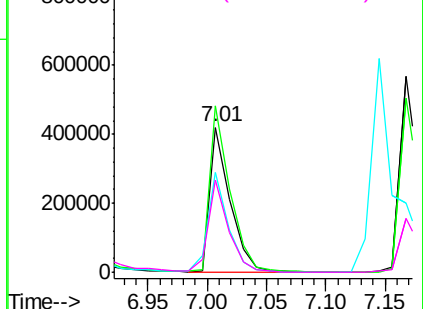
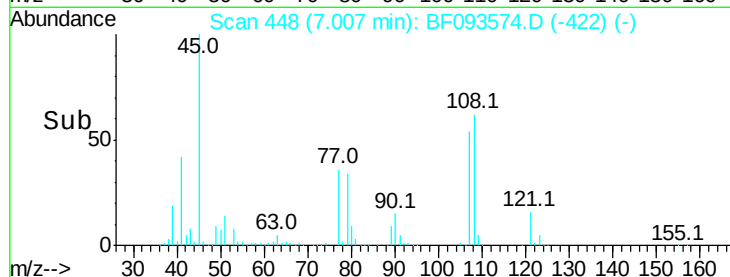


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.57 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

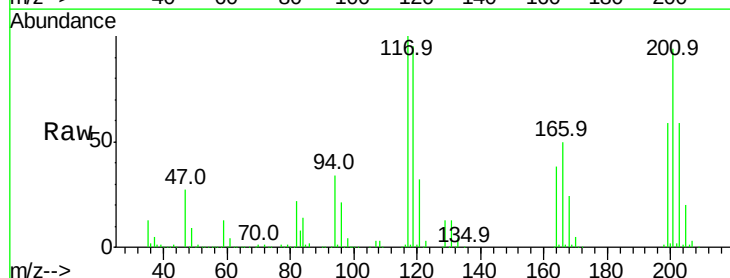
Tgt Ion:117 Resp: 226174

Ion Ratio Lower Upper

117 100

119 95.4 78.1 117.1

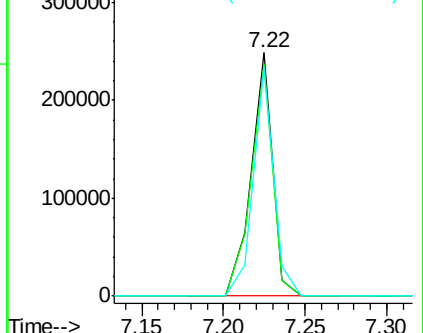
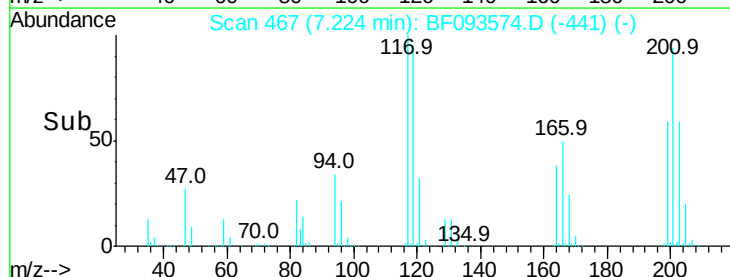
201 94.2 78.6 117.8

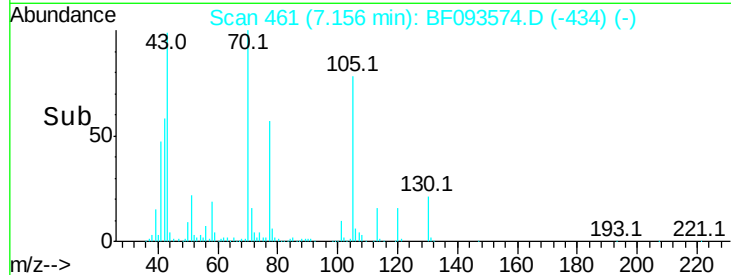
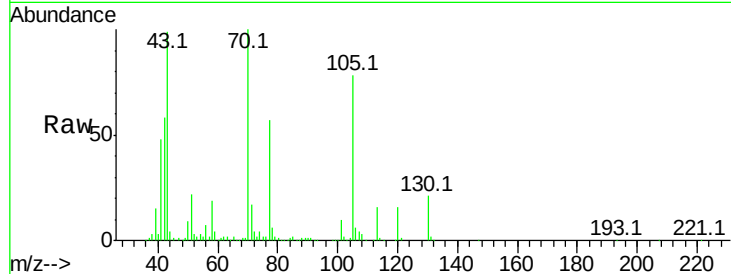
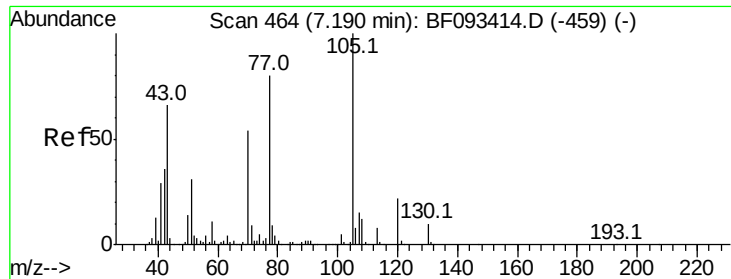


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





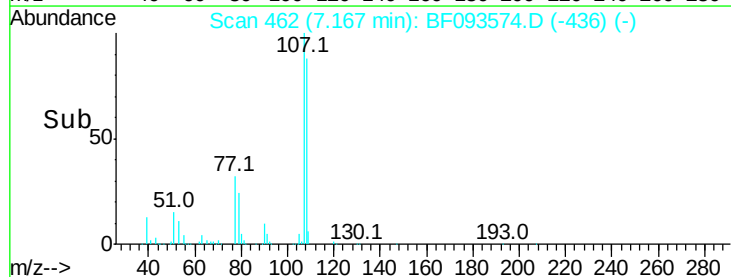
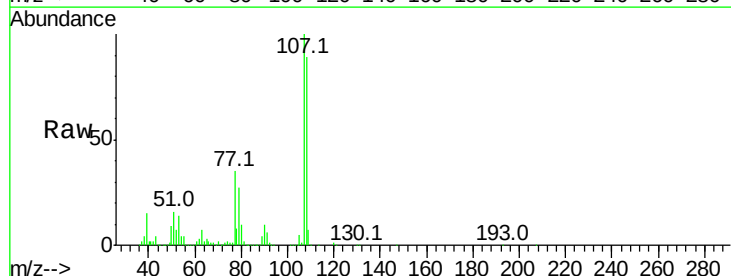
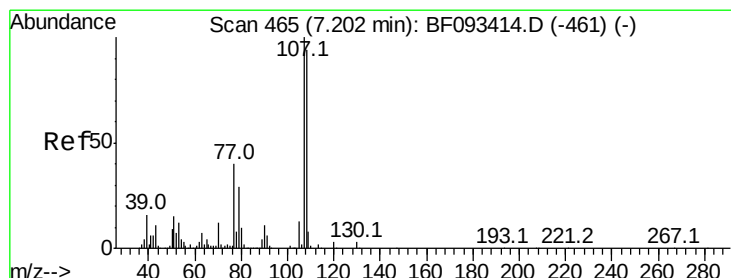
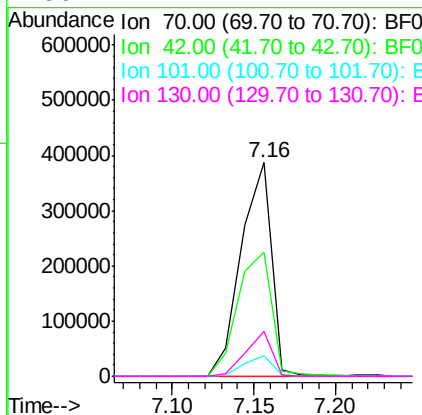
#19
n-Nitroso-di-n-propylamine
Concen: 50.25 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	49.4	74.0
101	9.7	7.4	11.2
130	21.1	14.2	21.4

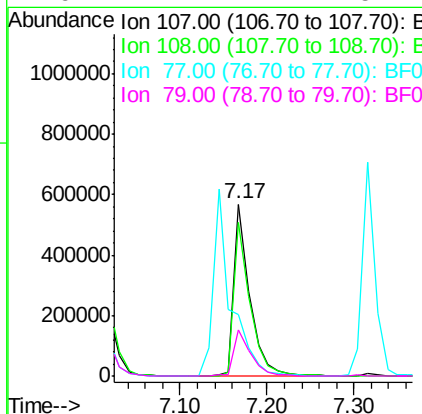
Manual Integrations
APPROVED

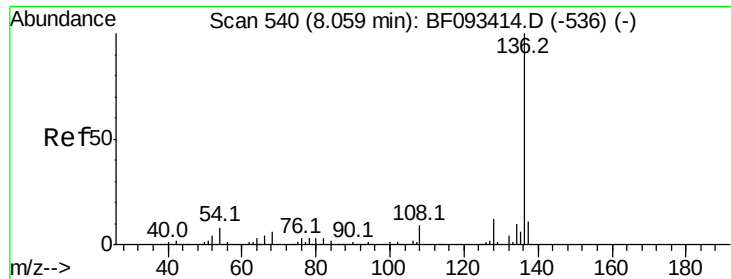
mohammad
3/15/2017 5:32:19 PM



#20
3+4-Methylphenols
Concen: 50.38 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	35.3	71.3	111.3
79	27.1	11.1	51.1





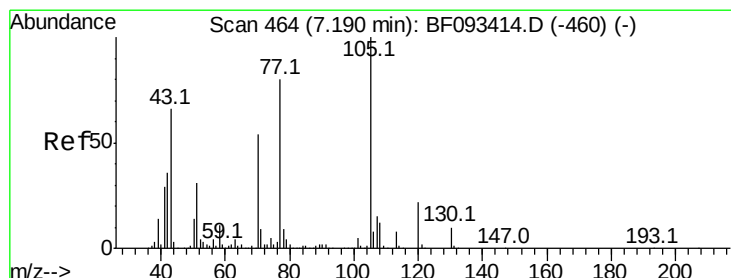
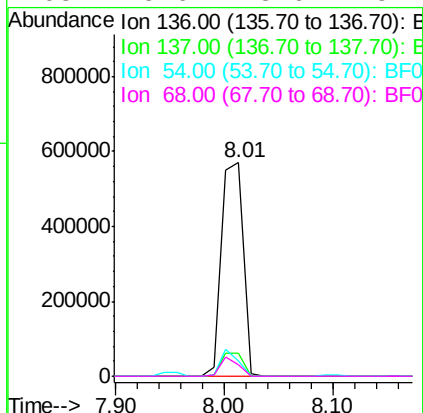
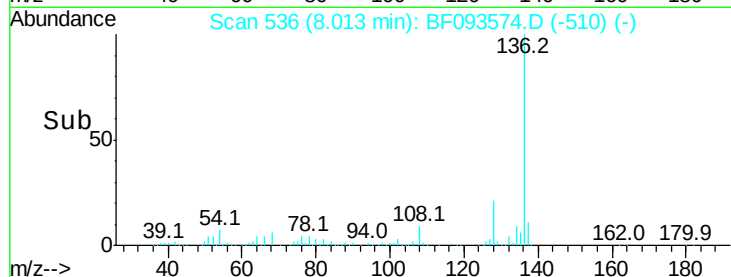
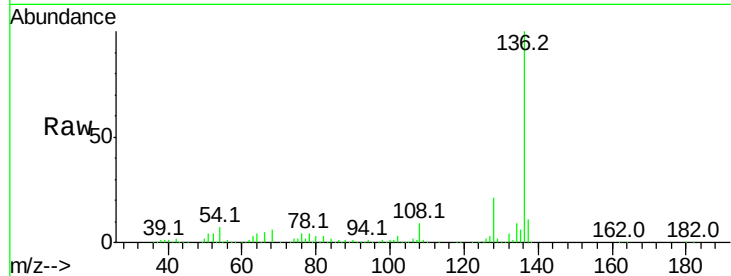
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	792016		
137	10.7		8.4	12.6
54	7.2		4.5	6.7#
68	5.6		3.6	5.4#

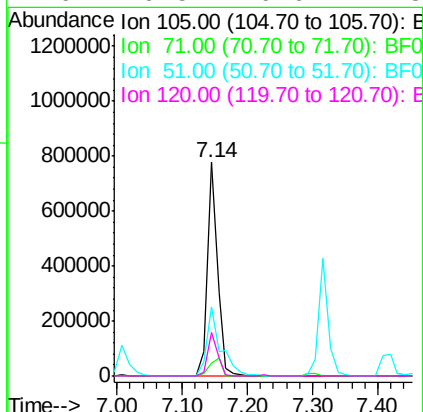
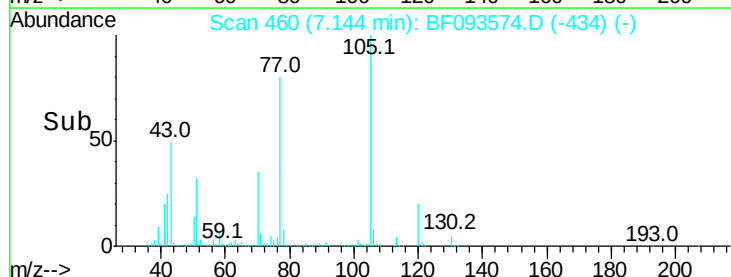
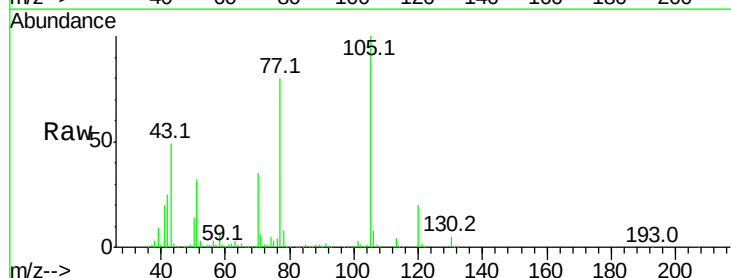
Manual Integrations
APPROVED

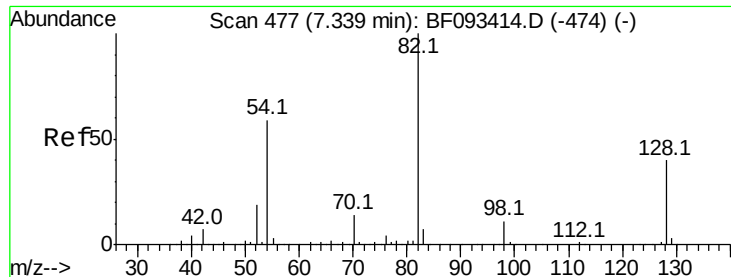
mohammad
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#22
Acetophenone
Concen: 43.80 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	834715		
71	5.9		3.2	4.8#
51	32.2		26.2	39.4
120	20.5		16.6	24.8





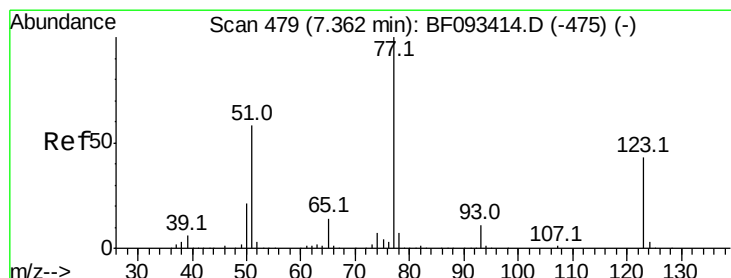
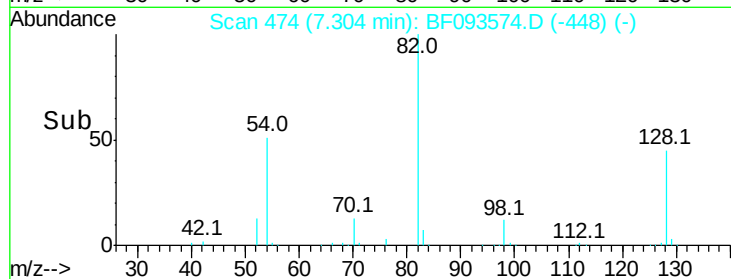
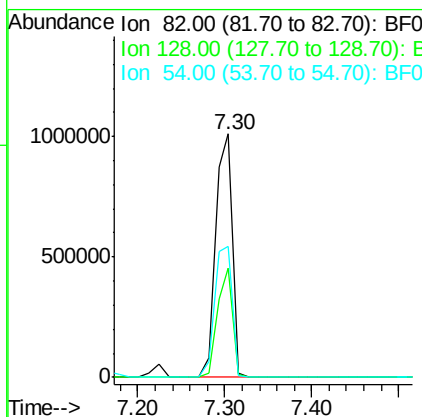
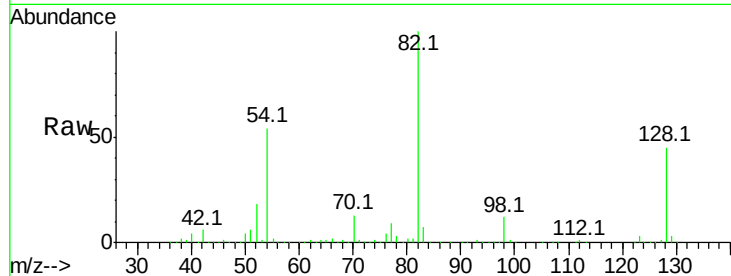
#23
 Nitrobenzene-d5
 Concen: 95.85 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	52.0
54	53.9	39.5	59.3

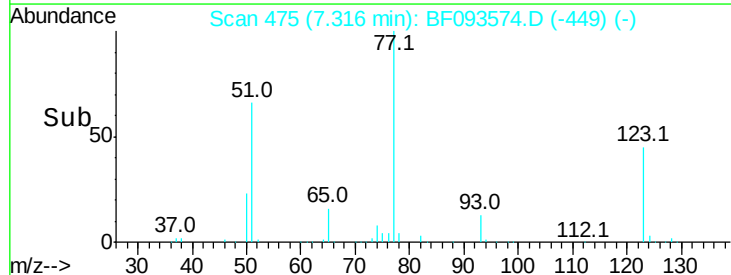
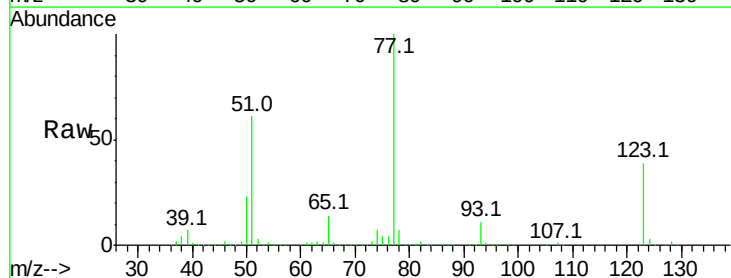
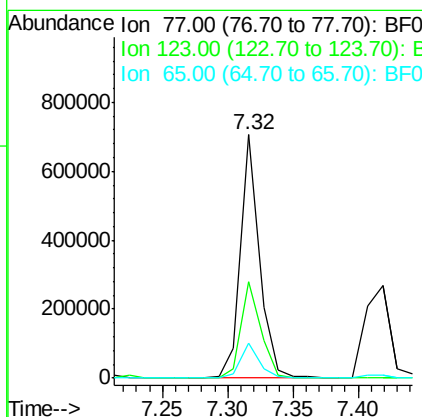
Manual Integrations
 APPROVED

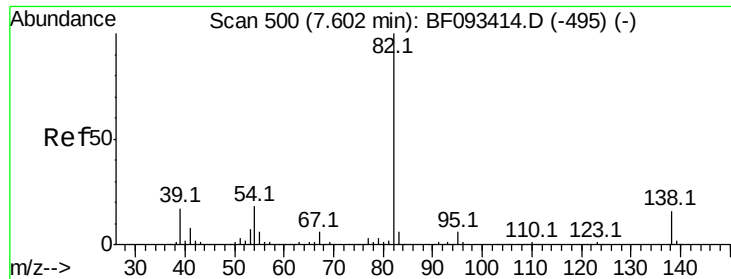
mohammad
 3/15/2017 5:32:19 PM



#24
 Nitrobenzene
 Concen: 43.99 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	33.0	49.4
65	14.4	11.2	16.8





#25

Isophorone

Concen: 44.38 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion: 82 Resp: 1277353

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

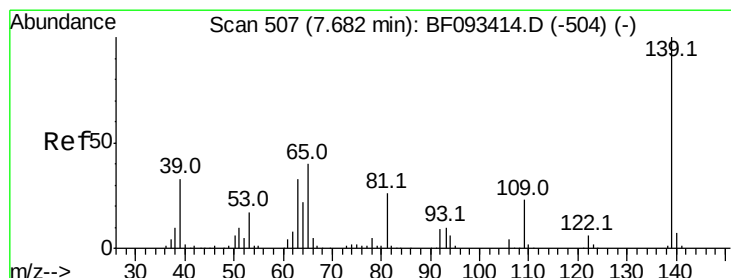
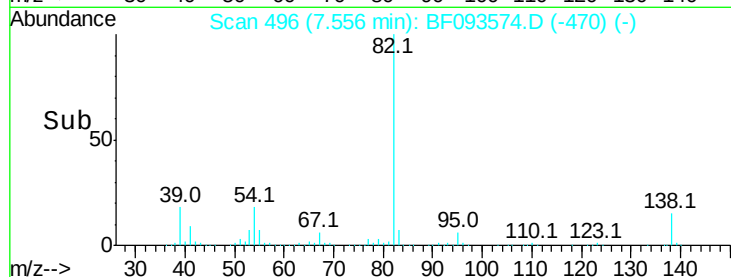
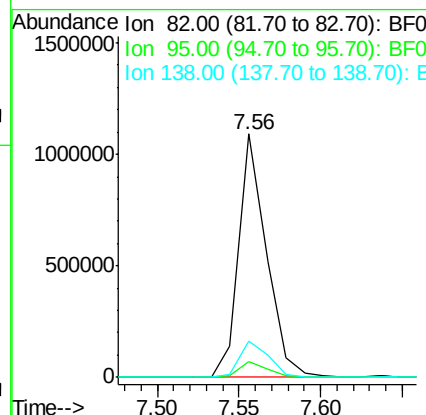
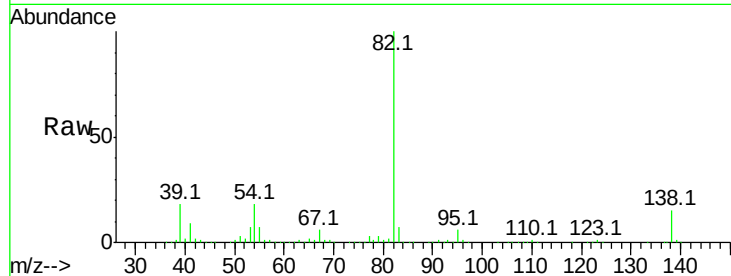
138 14.7 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.53 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

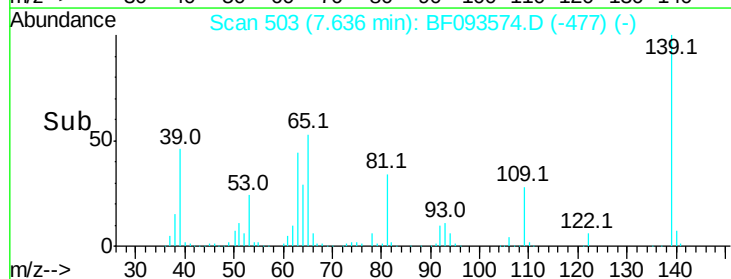
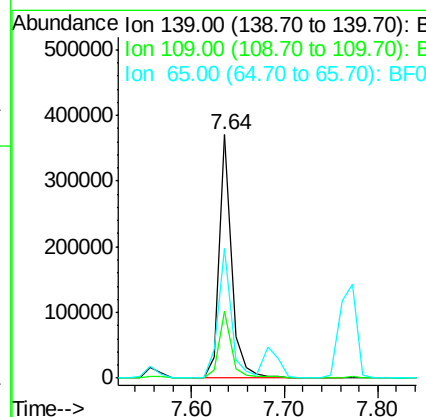
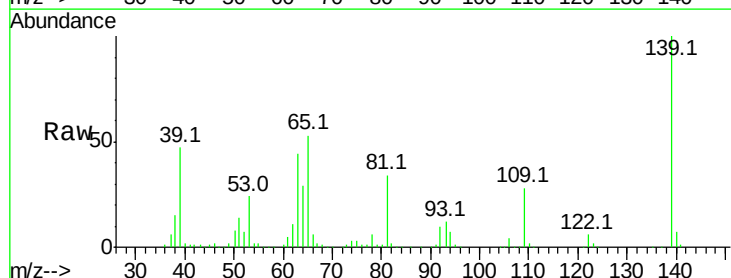
Tgt Ion: 139 Resp: 340552

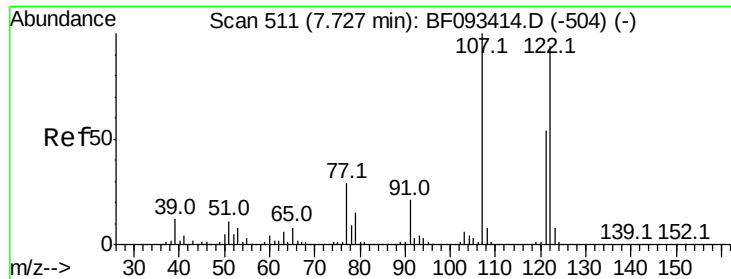
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 53.5 42.7 64.1





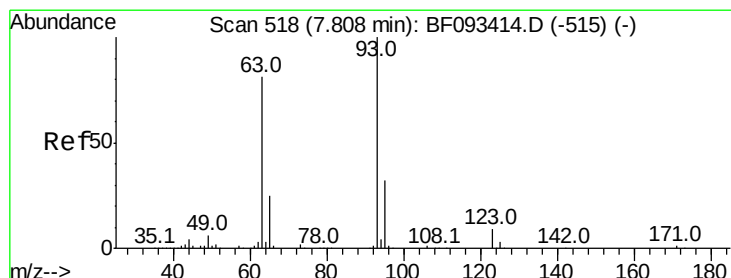
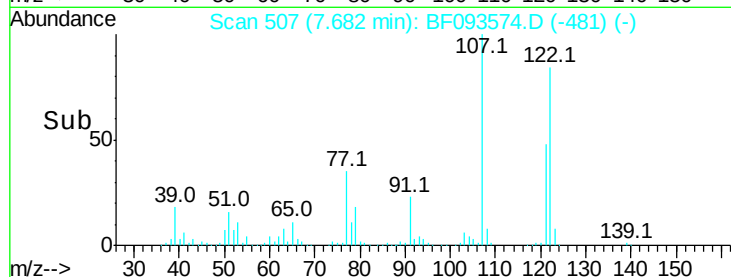
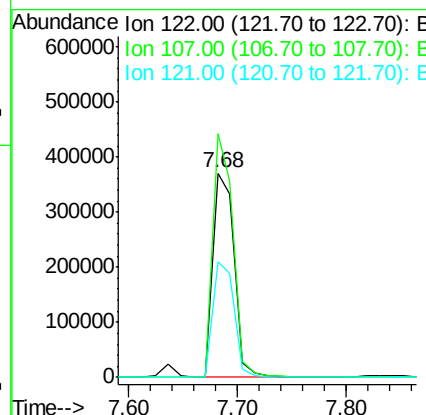
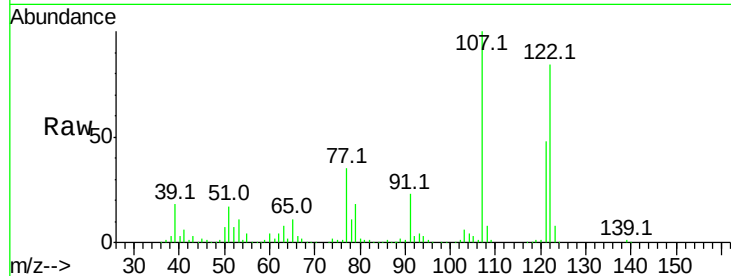
#27
2,4-Dimethylphenol
Concen: 42.72 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	94.1	141.1
121	56.9	46.0	69.0

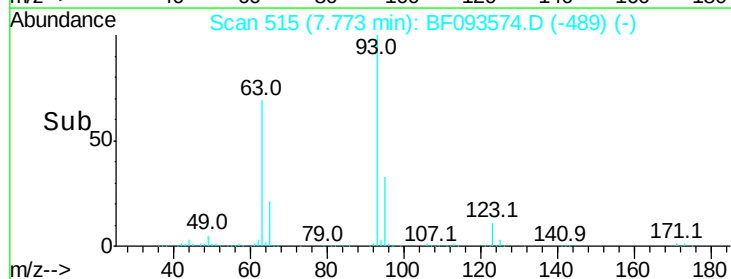
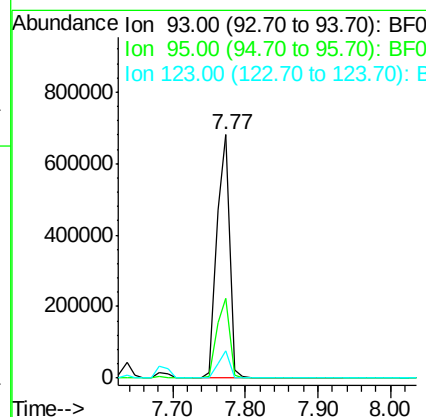
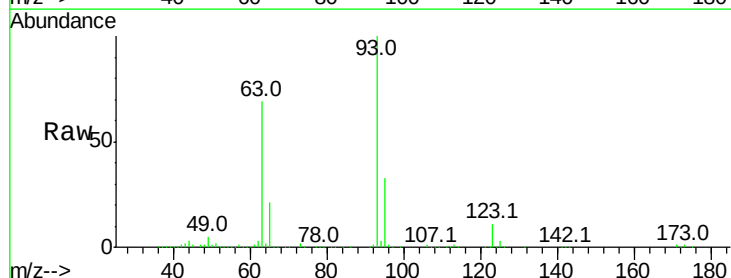
Manual Integrations
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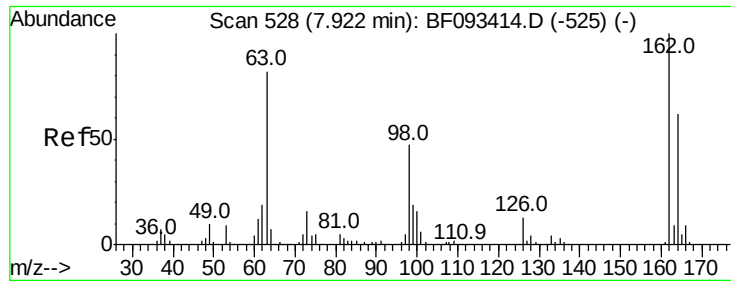
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.44 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.0	8.6	13.0





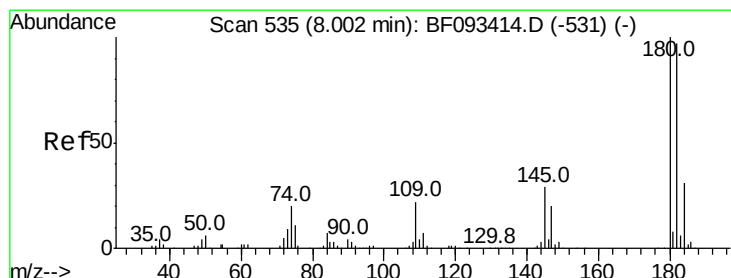
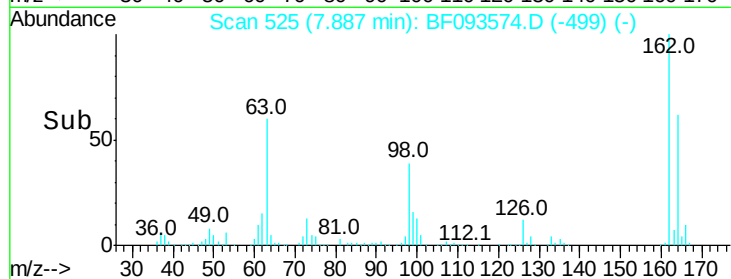
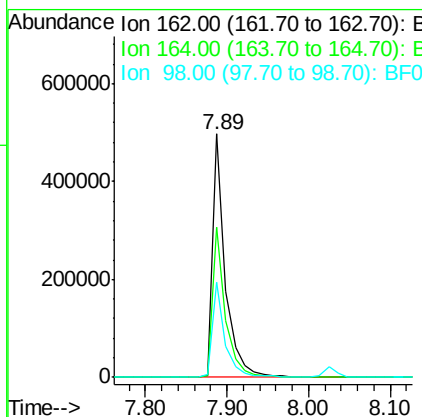
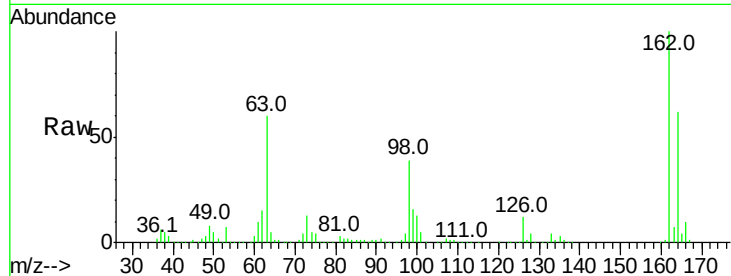
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	542768		
164	61.7	46.8	86.8	
98	39.0	9.1	49.1	

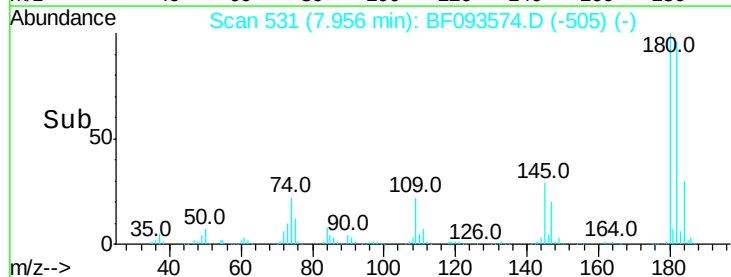
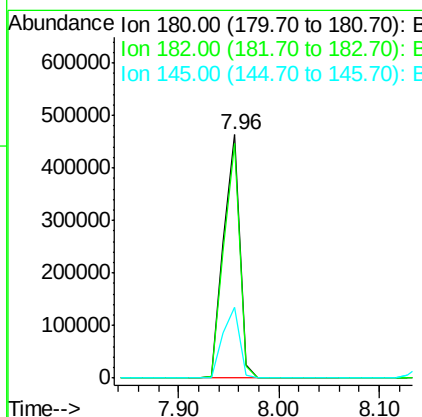
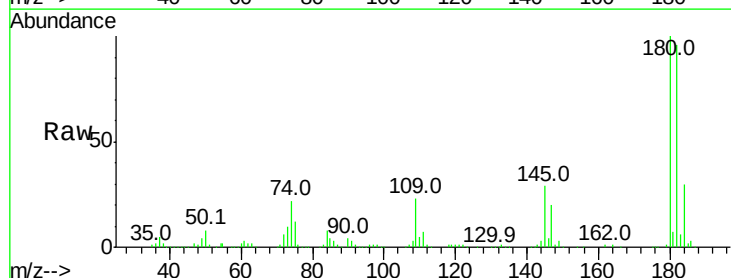
Manual Integrations
 APPROVED

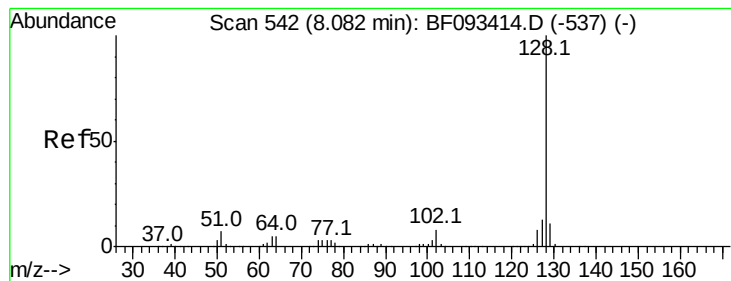
mohammad
 3/15/2017 5:32:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.40 ng
 RT: 7.96 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	516977		
182	96.5	78.2	117.4	
145	29.2	21.6	32.4	





#31

Naphthalene

Concen: 40.31 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:128 Resp: 1599731

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

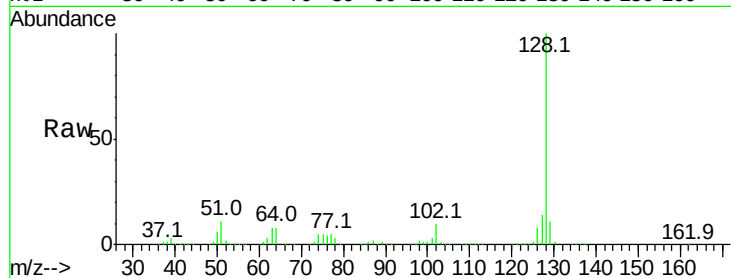
127 13.9 10.8 16.2

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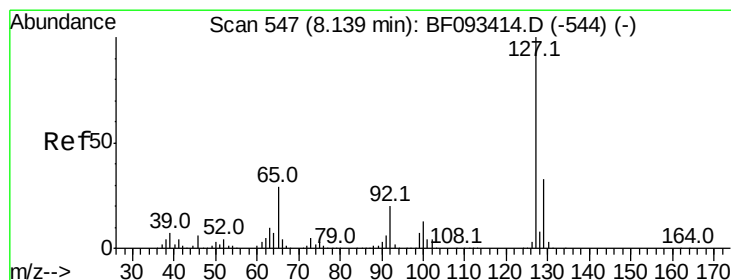
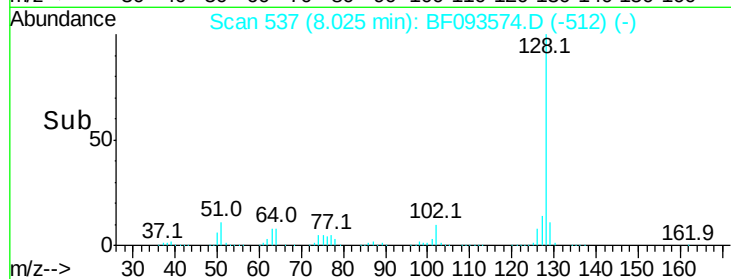
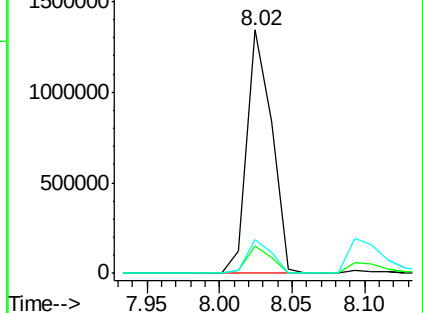
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 21.04 ng

RT: 8.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:127 Resp: 338929

Ion Ratio Lower Upper

127 100

129 31.4 26.3 39.5

65 43.3 25.8 38.8#

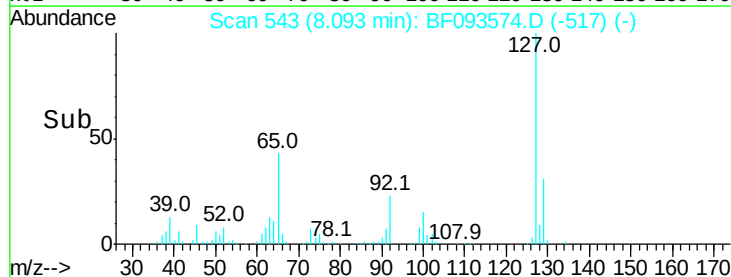
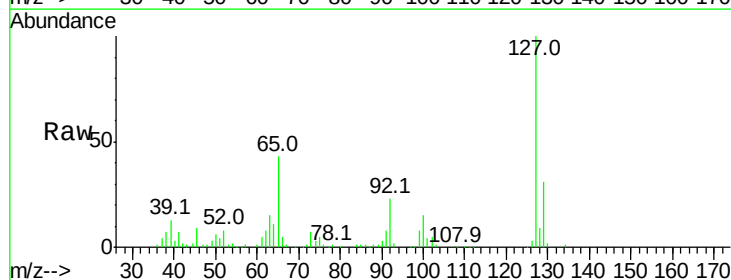
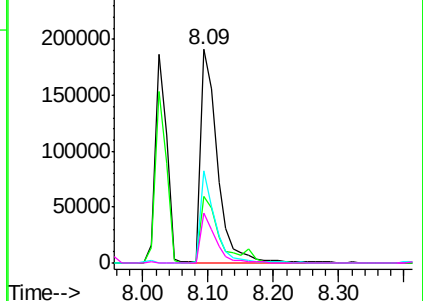
92 23.4 16.1 24.1

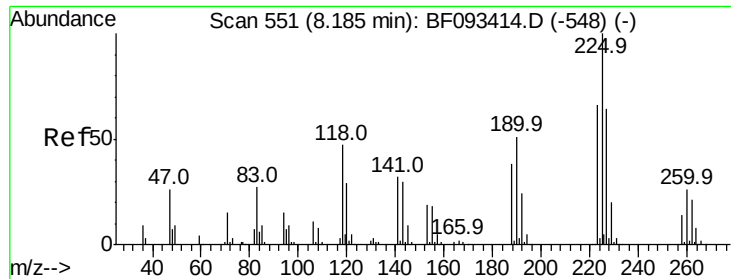
Abundance Ion 127.00 (126.70 to 127.70): E

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





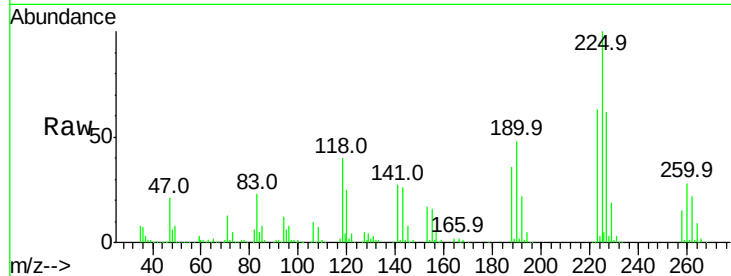
#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

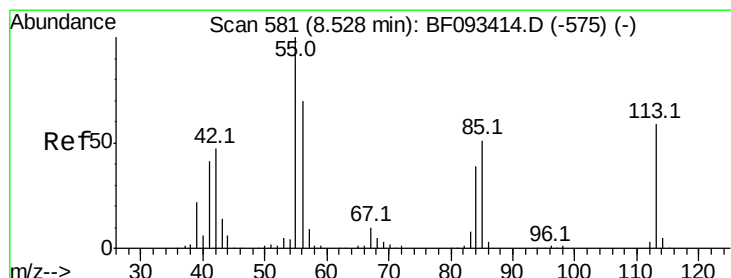
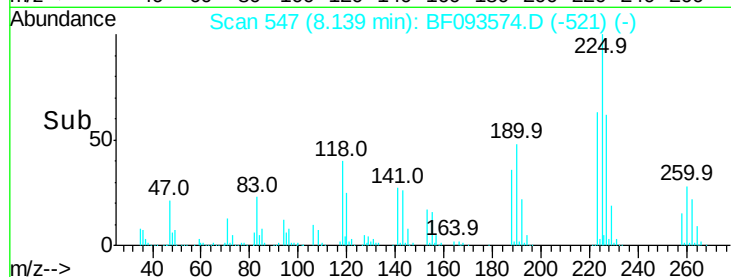
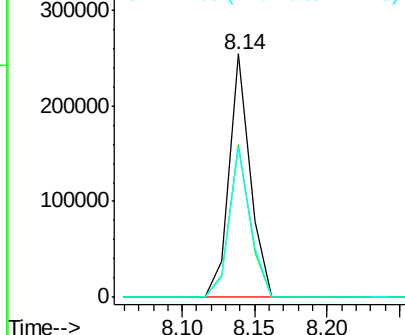
Tot Ion	Ratio	Resp	Lower	Upper
225	100	255452		
223	62.8	51.0	76.6	
227	61.6	50.6	76.0	

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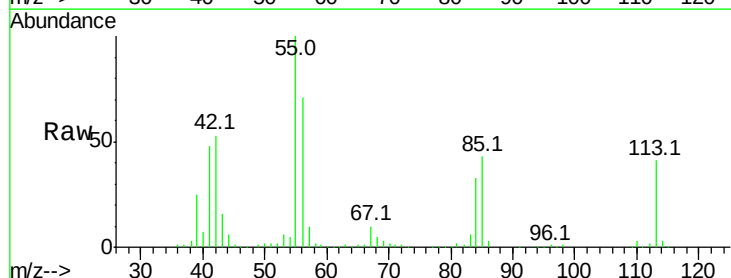


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

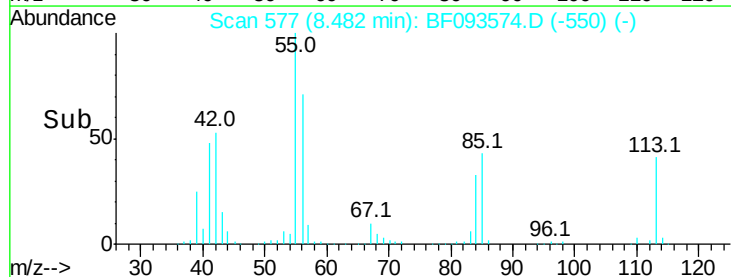
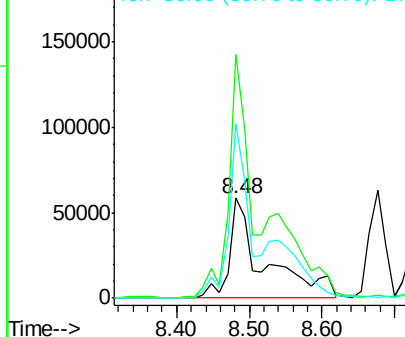


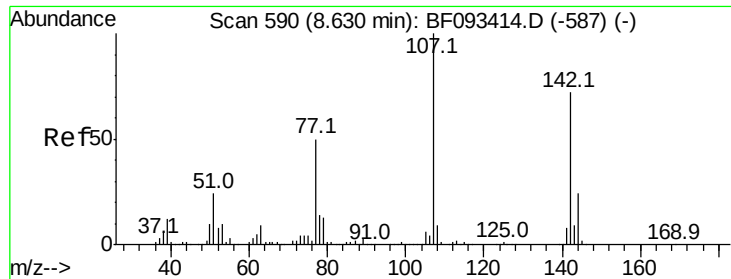
#35
Caprolactam
Concen: 50.74 ng m
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	194133		
55	243.6	119.2	159.2#	
56	174.1	83.8	123.8#	



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





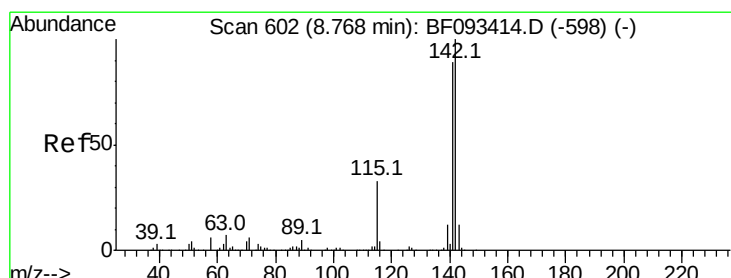
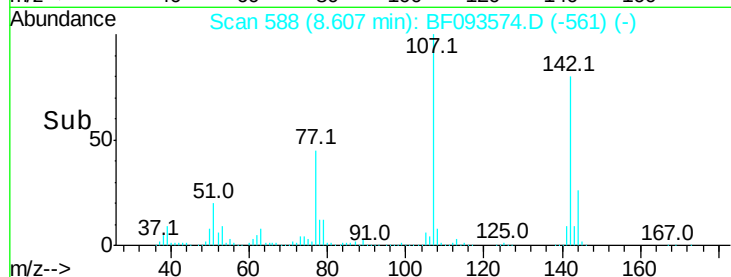
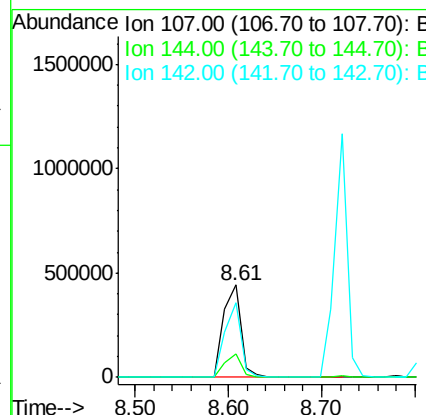
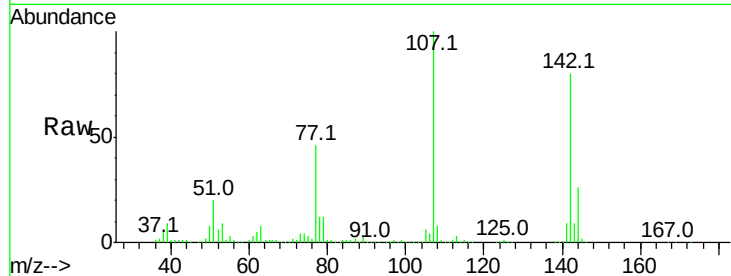
#36
 4-Chloro-3-methylphenol
 Concen: 48.32 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.3	28.9
142	80.3	59.0	88.6

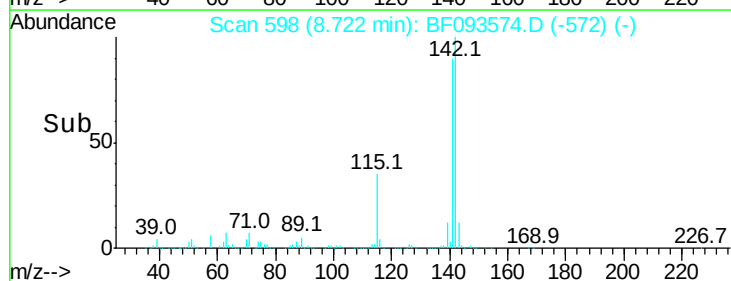
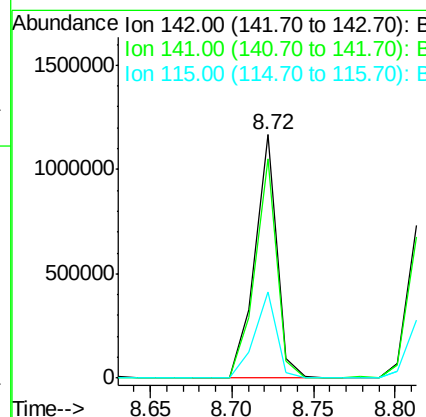
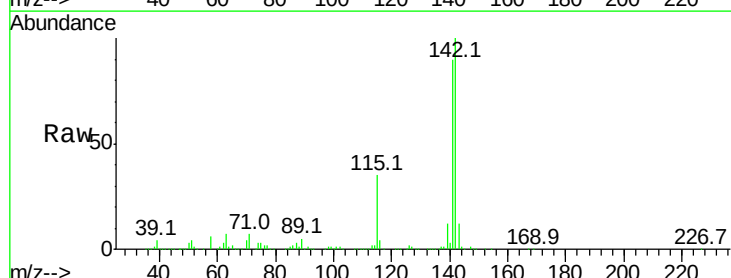
Manual Integrations
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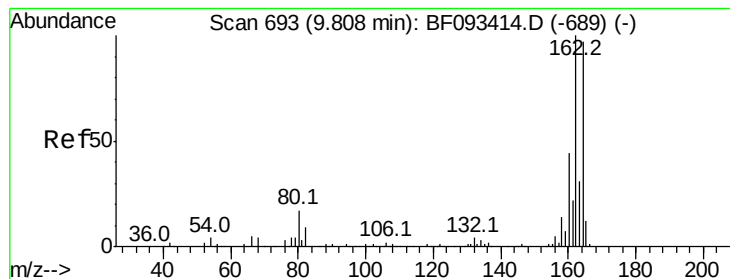
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#37
 2-Methylnaphthalene
 Concen: 43.26 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	35.2	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

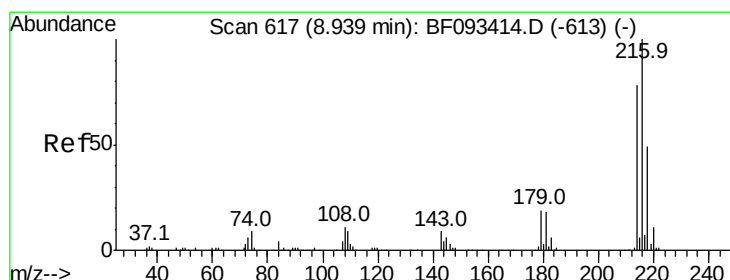
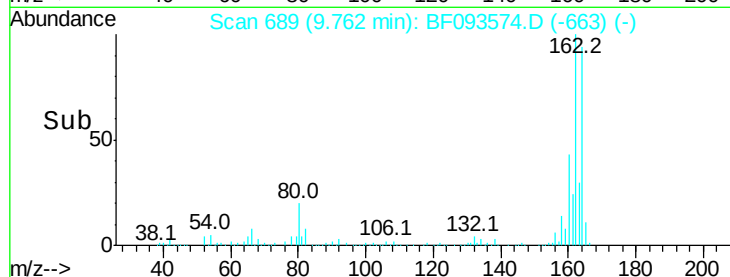
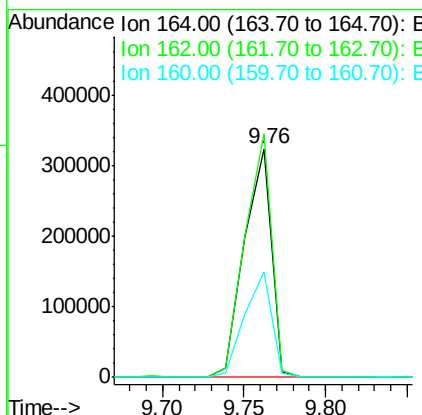
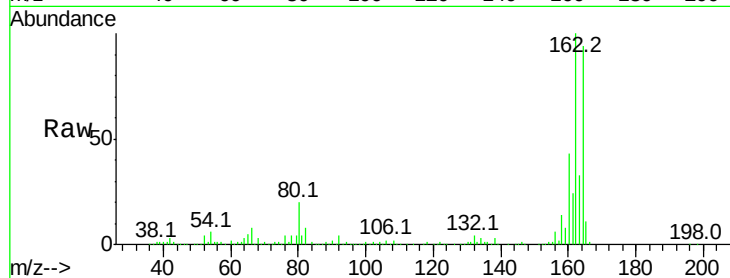
ClientSampleId :

E2-V4-BASEMS

Tot Ion:	164	Resp:	371903
Ion Ratio	Lower	Upper	
164	100		
162	106.4	80.2	120.2
160	46.2	36.9	55.3

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.73 ng

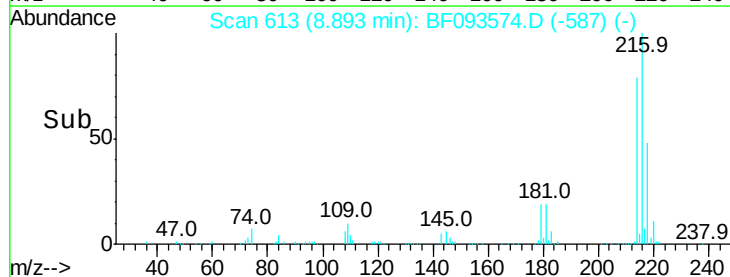
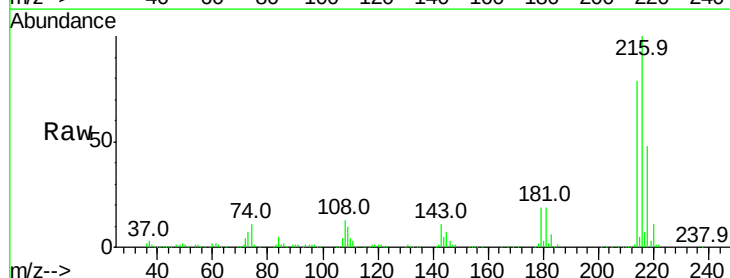
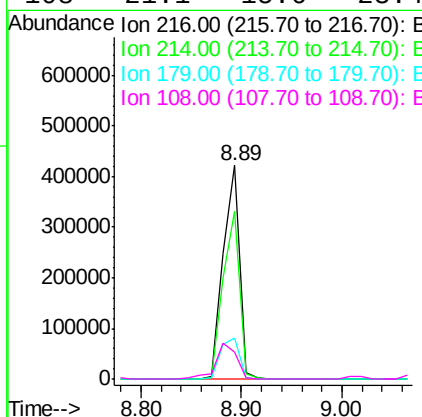
RT: 8.89 min Scan# 613

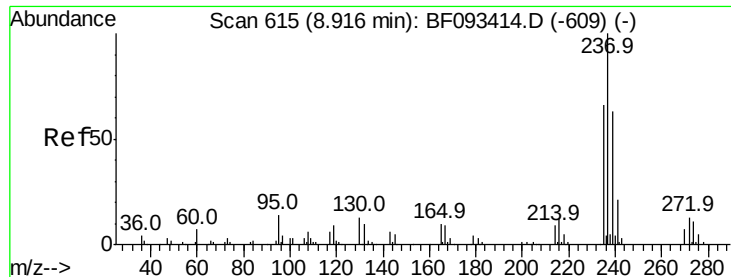
Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:	216	Resp:	474563
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.4	95.0
179	22.1	17.4	26.2
108	21.1	15.6	23.4





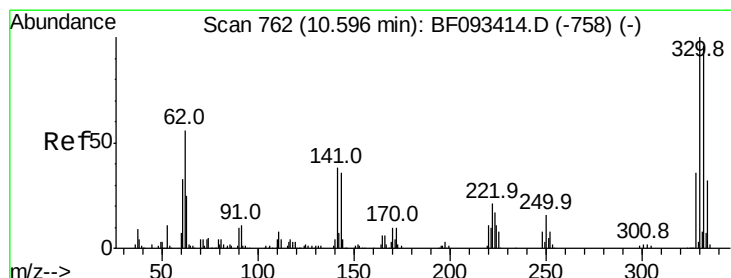
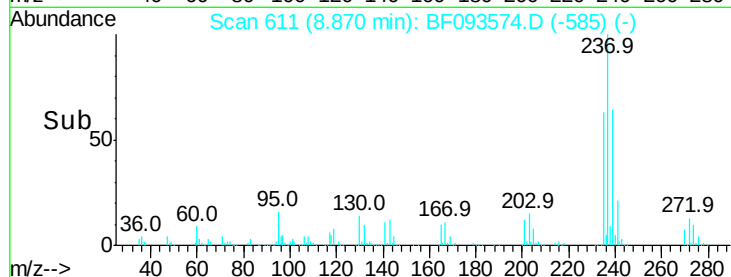
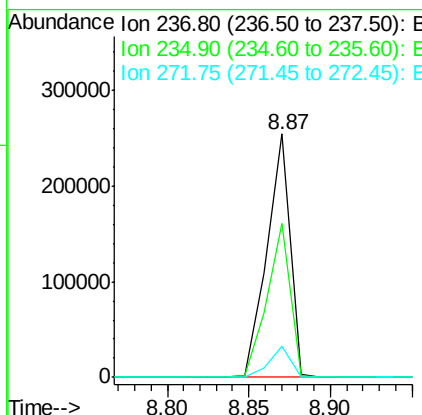
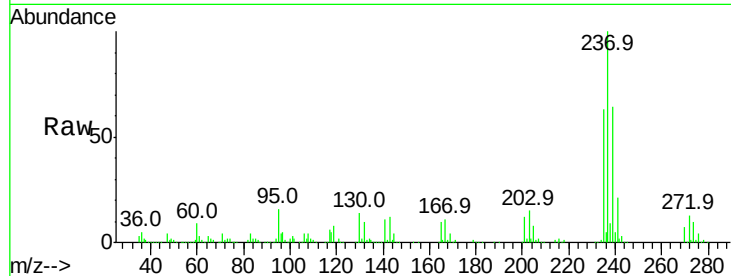
#40
Hexachlorocyclopentadiene
Concen: 96.25 ng
RT: 8.87 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	254032		
235	63.1	41.2	81.2	
272	12.8	0.0	35.4	

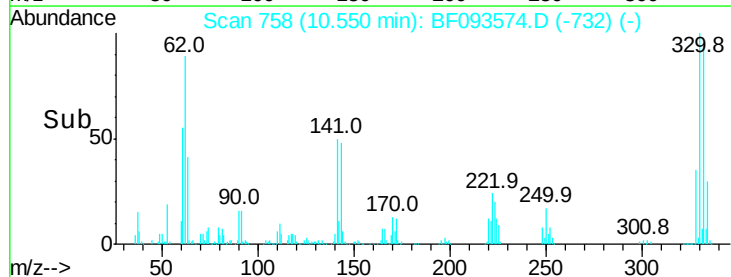
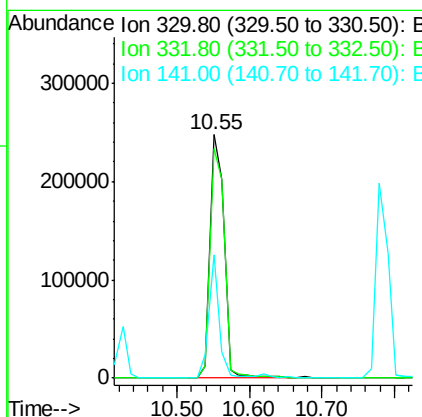
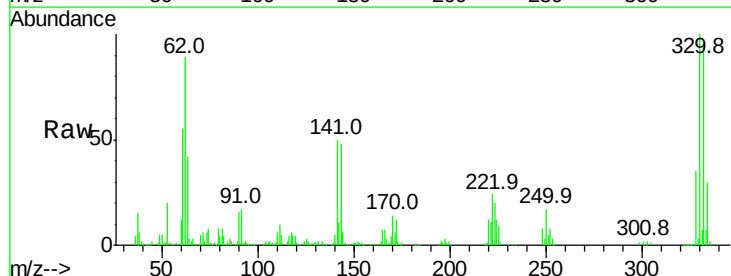
Manual Integrations
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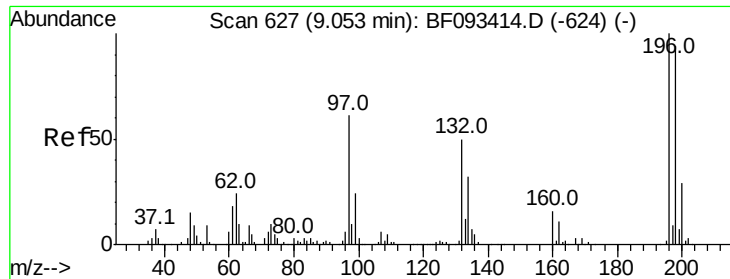
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#41
2,4,6-Tribromophenol
Concen: 138.47 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	335526		
332	97.6	77.4	116.2	
141	37.7	34.1	51.1	





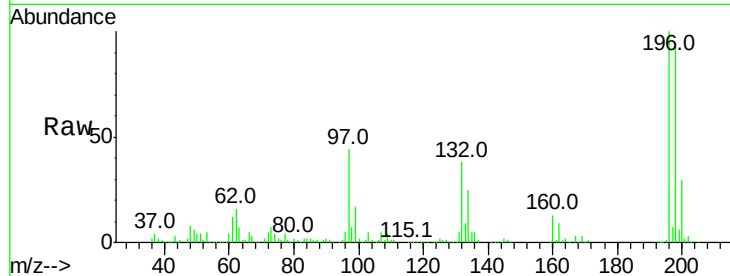
#42
 2,4,6-Trichlorophenol
 Concen: 53.76 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	341087		
198	94.5	82.1	123.1	
200	30.2	27.0	40.4	

Manual Integrations
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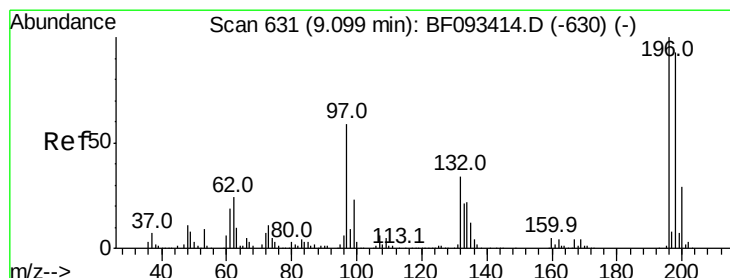
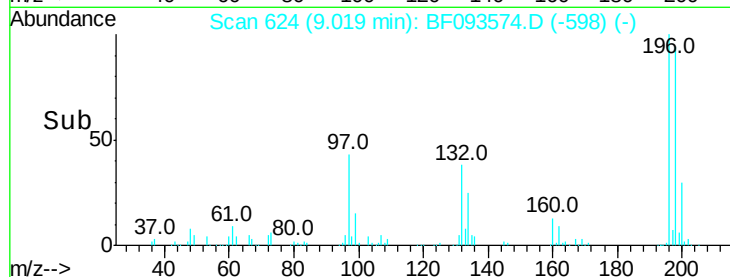
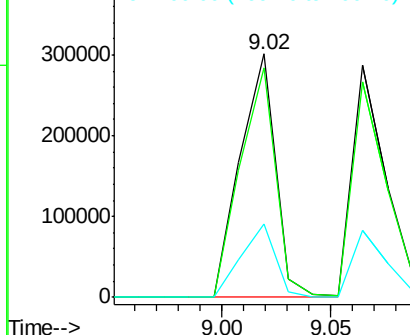


Abundance

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: 48.66 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331289		
198	93.3	79.4	119.2	
97	64.7	51.5	77.3	
132	35.3	27.4	41.2	

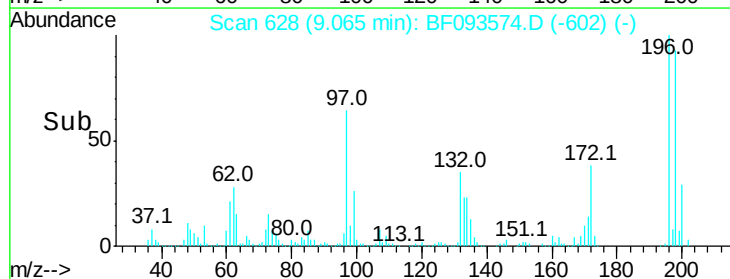
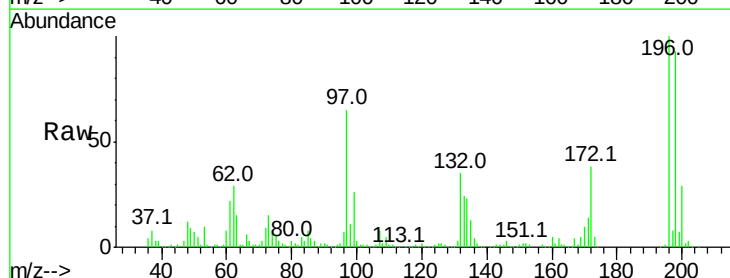
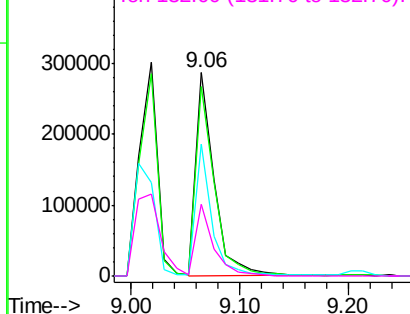
Abundance

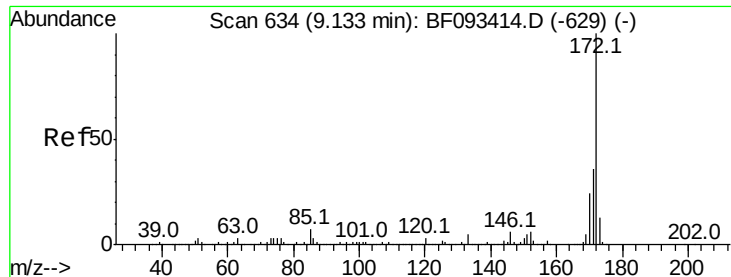
Ion 196.00 (195.70 to 196.70): E

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: 91.76 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:172 Resp: 1834752

Ion Ratio Lower Upper

172 100

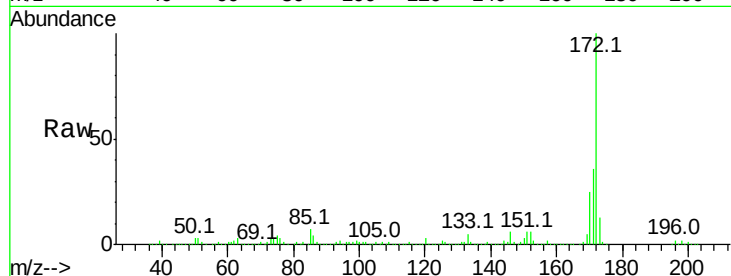
171 36.5 29.4 44.0

170 24.6 20.2 30.4

Manual Integrations
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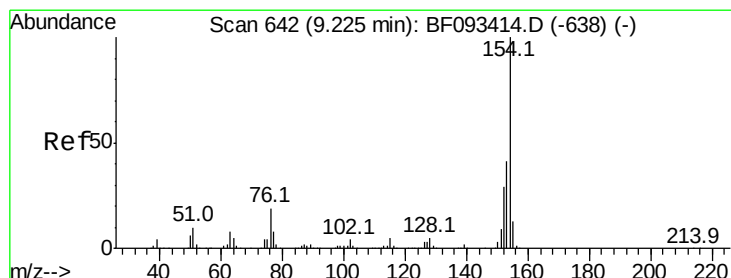
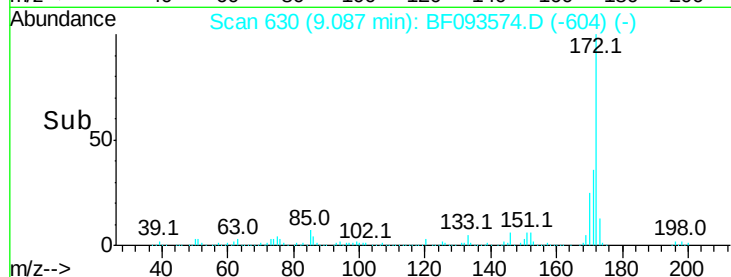
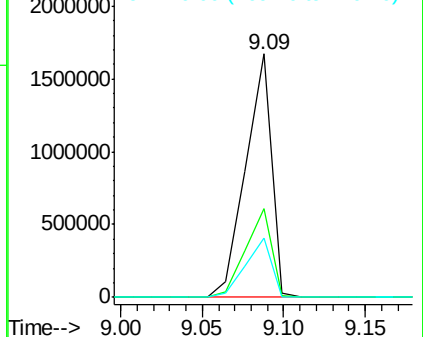
3/15/2017 5:32:19 PM



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: 46.48 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

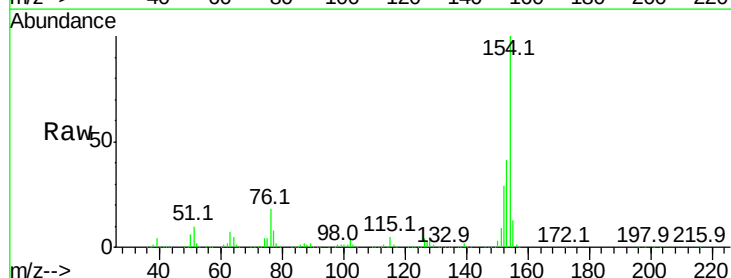
Tgt Ion:154 Resp: 1259242

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

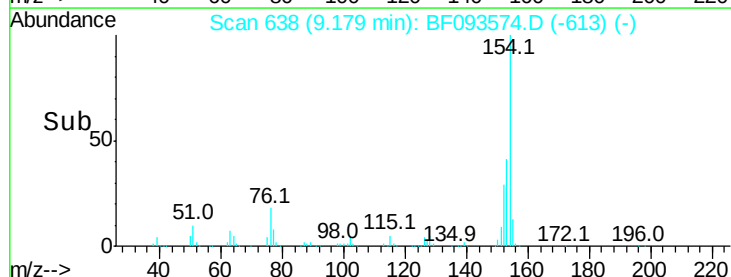
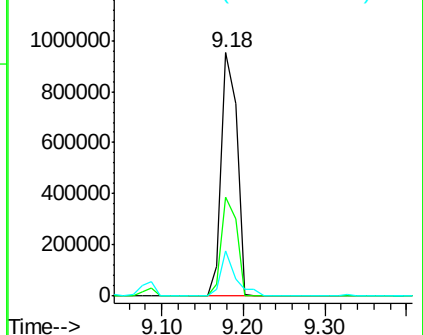
76 18.4 0.0 30.5

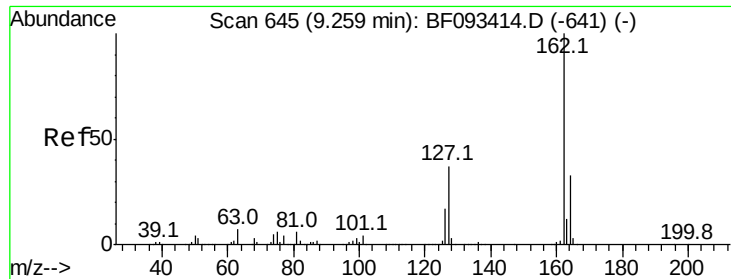


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





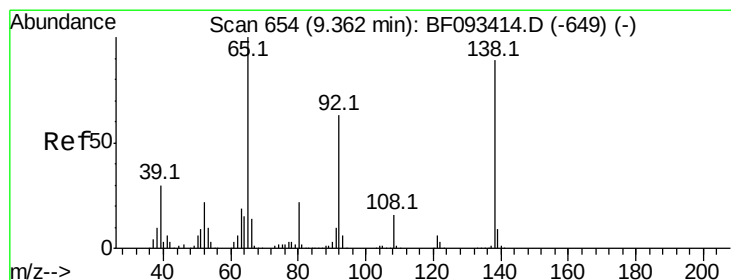
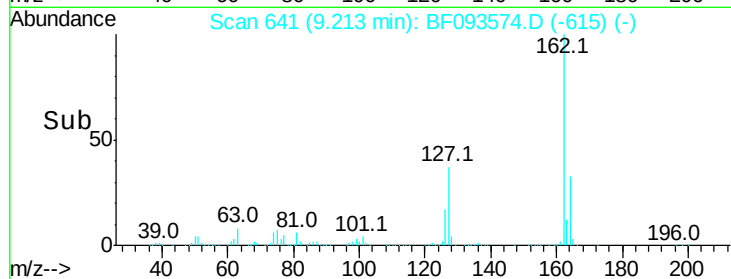
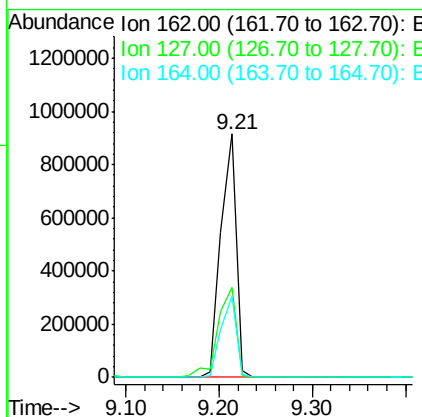
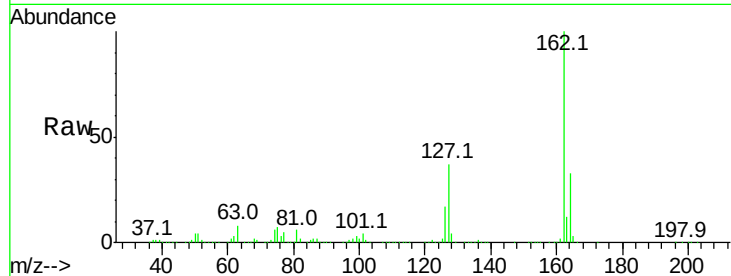
#46
2-Chloronaphthalene
Concen: 50.28 ng
RT: 9.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	33.1	27.6	41.4

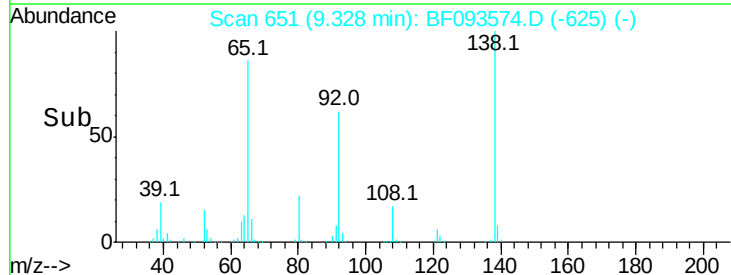
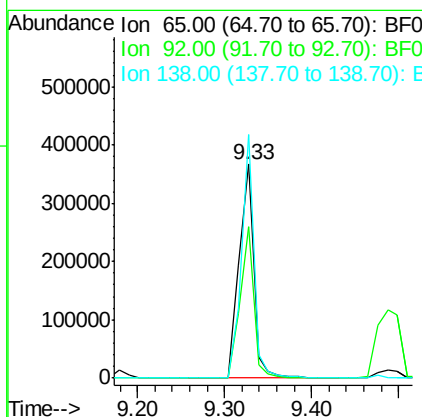
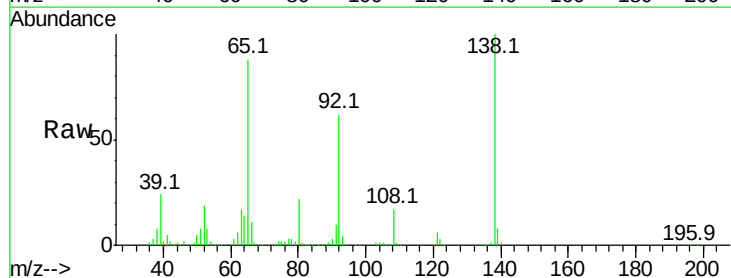
Manual Integrations
APPROVED

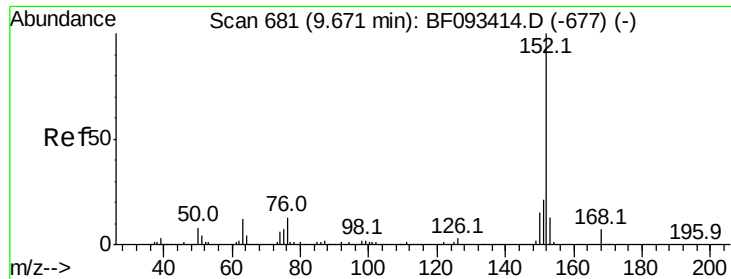
mohammad
3/15/2017 5:32:19 PM



#47
2-Nitroaniline
Concen: 58.18 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.9	80.9
138	113.8	76.8	115.2





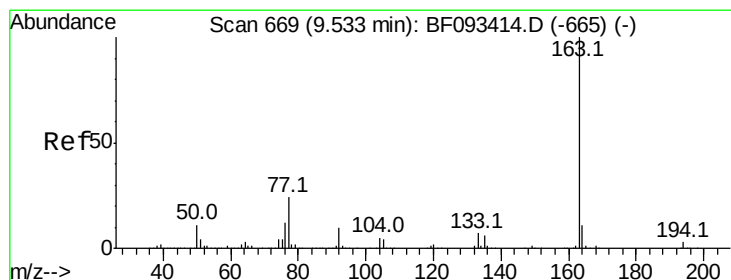
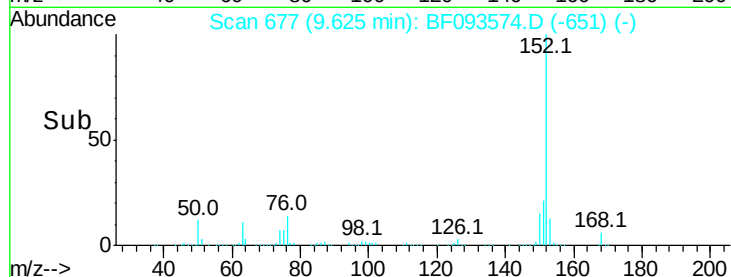
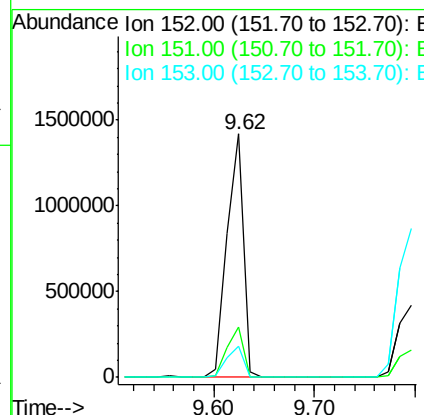
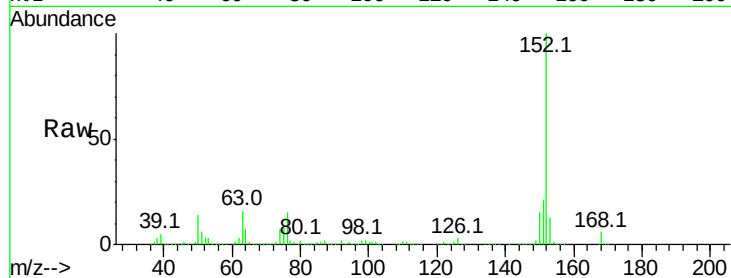
#48
Acenaphthylene
Concen: 46.99 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion:152 Resp: 1607041
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.0 11.4 17.2

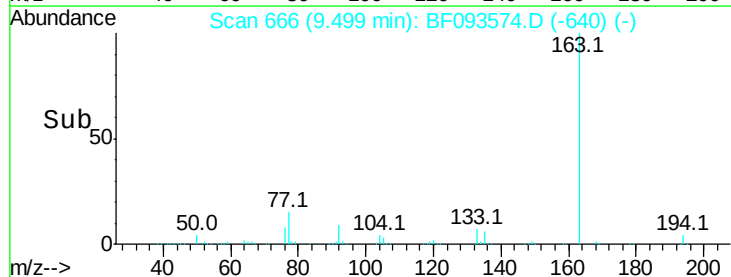
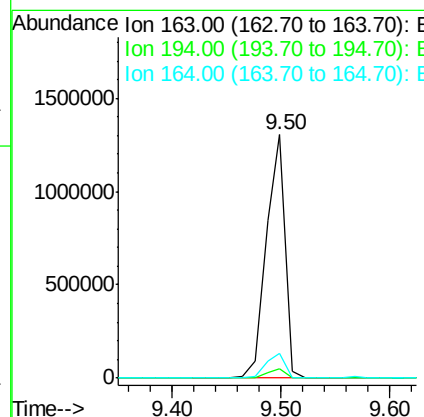
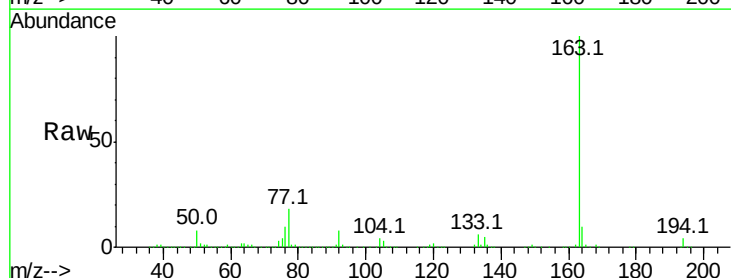
Manual Integrations
APPROVED

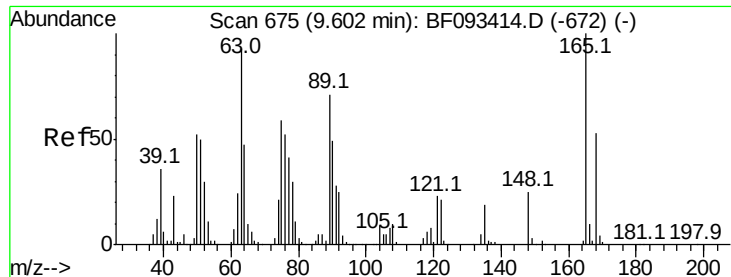
mohammad
3/15/2017 5:32:19 PM



#49
Dimethylphthalate
Concen: 63.85 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:163 Resp: 1574147
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.0 12.0





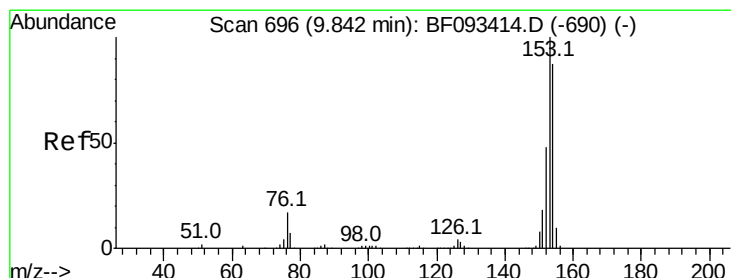
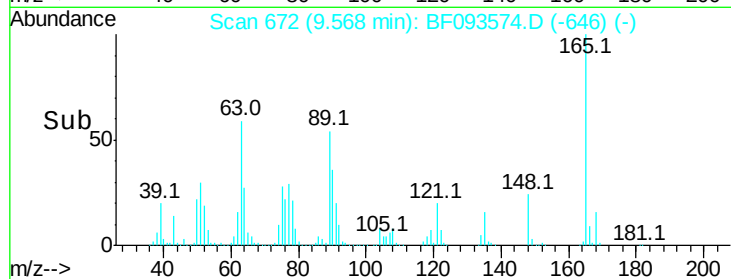
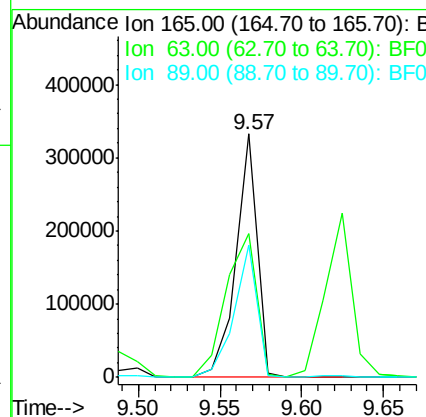
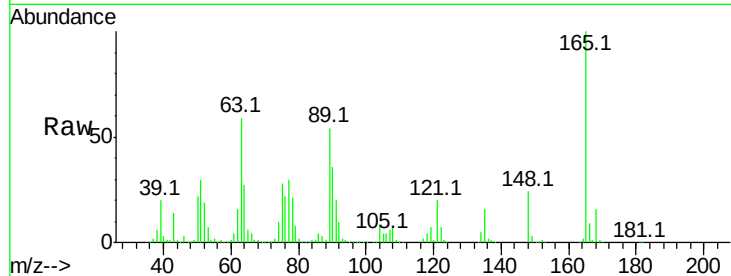
#50
2,6-Dinitrotoluene
Concen: 54.74 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	58.9	36.2	54.4#
89	54.5	40.2	60.4

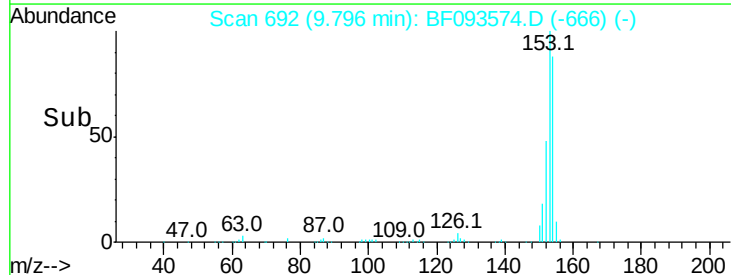
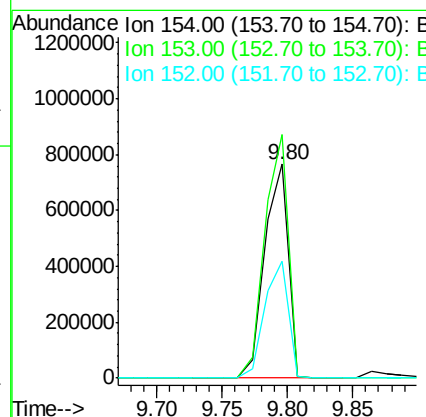
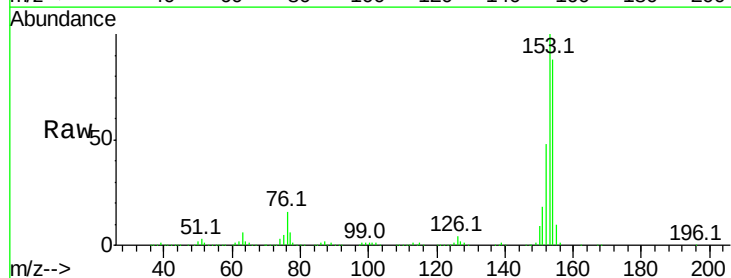
Manual Integrations
APPROVED

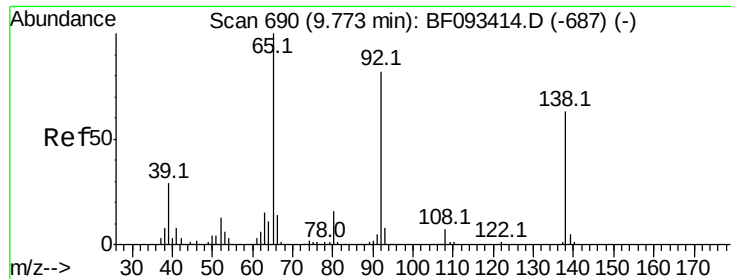
mohammad
3/15/2017 5:32:19 PM



#51
Acenaphthene
Concen: 47.94 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.9	88.6	133.0
152	54.8	41.6	62.4





#52

3-Nitroaniline

Concen: 31.39 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

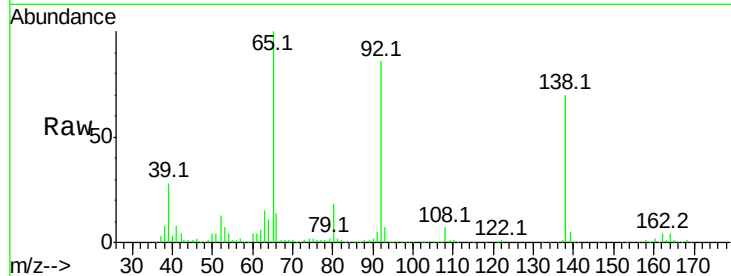
ClientSampleId :

E2-V4-BASEMS

Tot Ion:138	Resp:	204037
Ion Ratio	Lower	Upper
138	100	
108	10.6	8.5 12.7
92	123.0	97.8 146.8

Manual Integrations
APPROVED

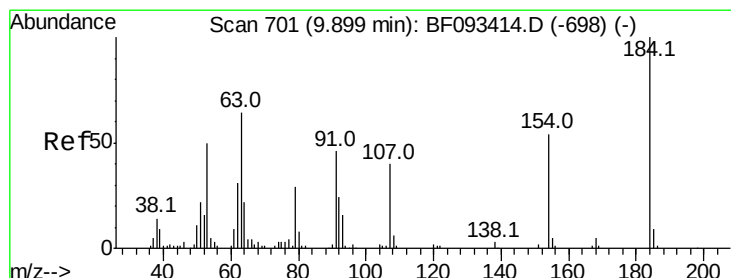
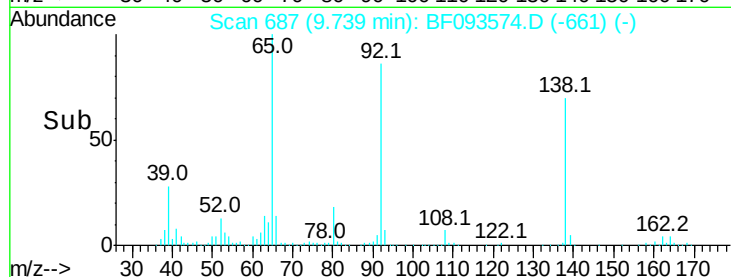
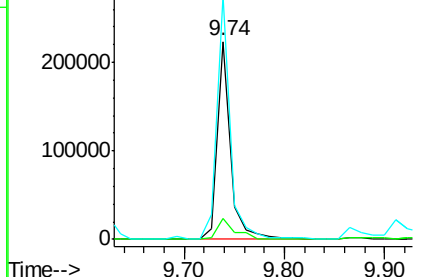
mohammad
3/15/2017 5:32:19 PM



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: 36.85 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093574.D

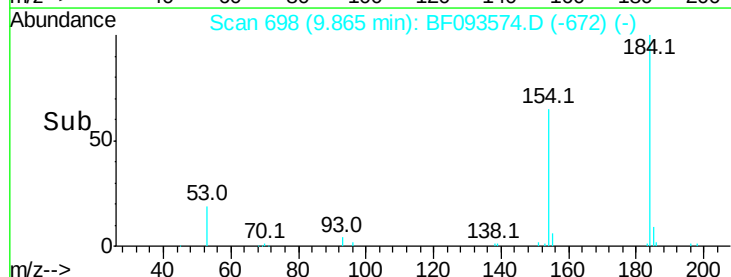
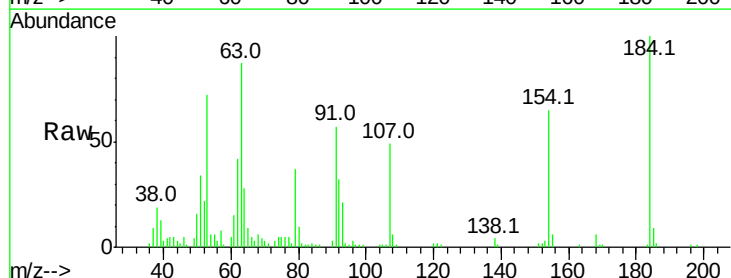
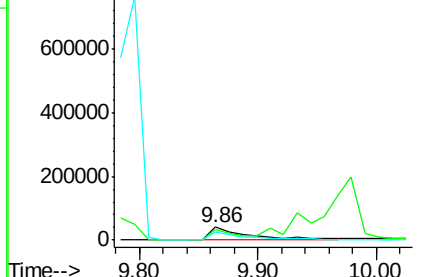
Acq: 11 Mar 2017 18:26

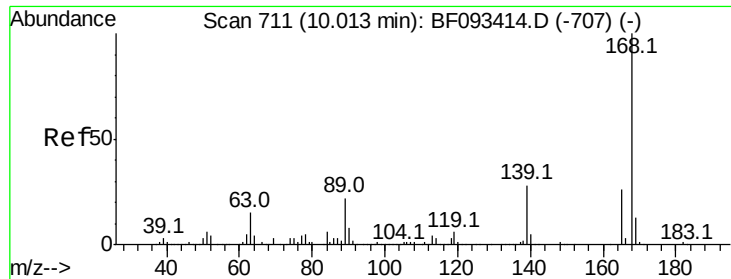
Tgt Ion:184	Resp:	90794
Ion Ratio	Lower	Upper
184	100	
63	87.3	28.4 42.6#
154	65.2	44.3 66.5

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 54.91 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:168 Resp: 1389960

Ion Ratio Lower Upper

168 100

139 39.1 32.6 49.0

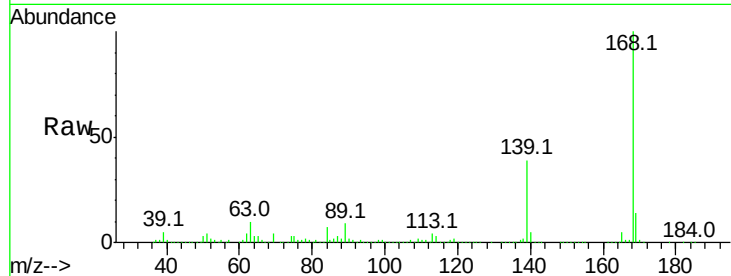
169 13.5 11.3 16.9

Manual Integrations

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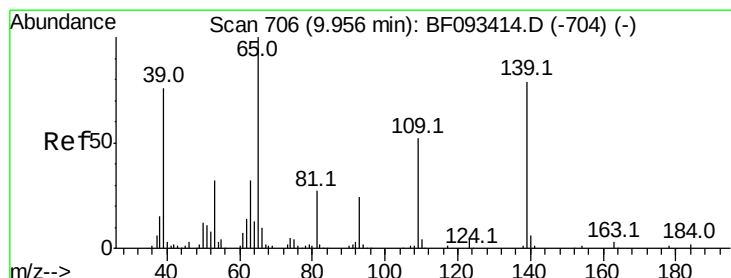
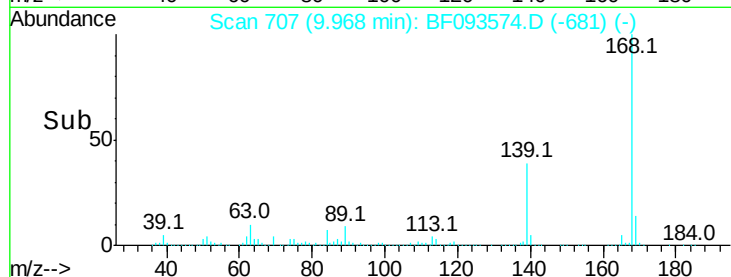
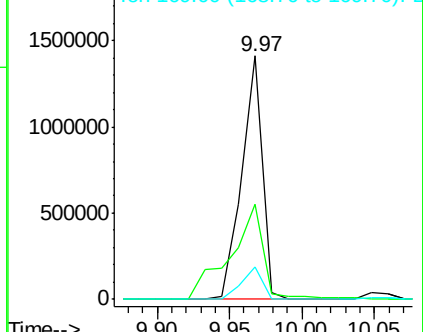
3/15/2017 5:32:19 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 77.89 ng m

RT: 9.94 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

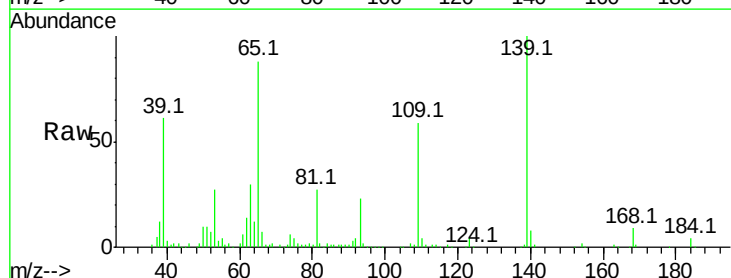
Tgt Ion:139 Resp: 245906

Ion Ratio Lower Upper

139 100

109 58.7 52.2 92.2

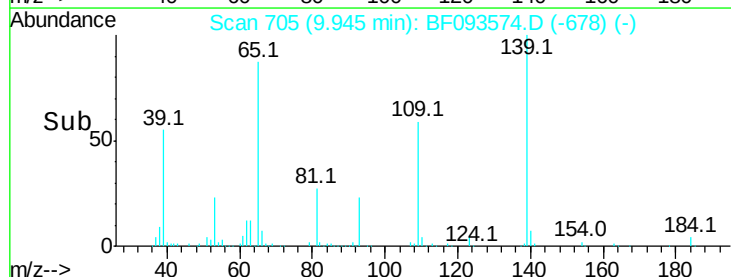
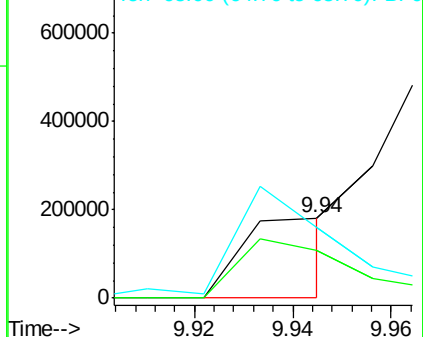
65 87.8 85.8 125.8

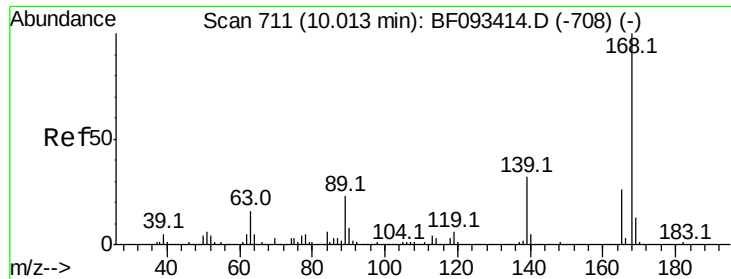


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





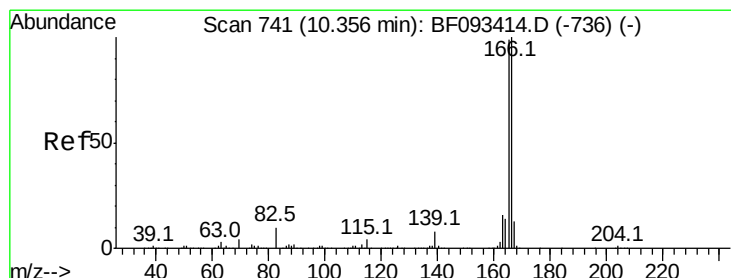
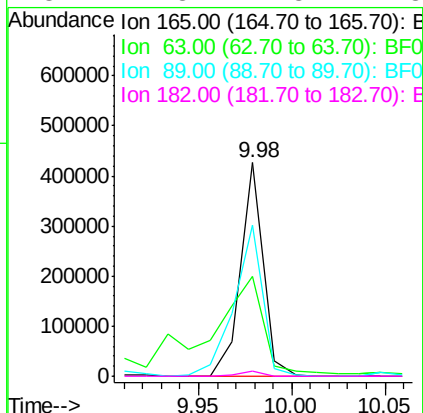
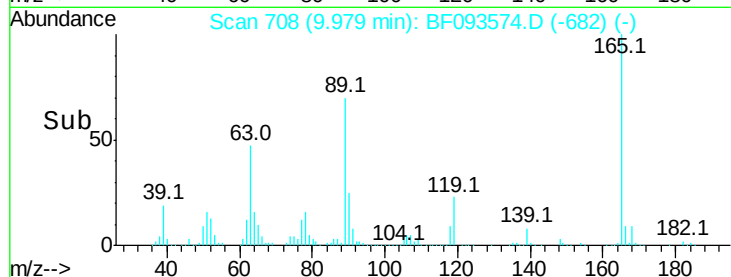
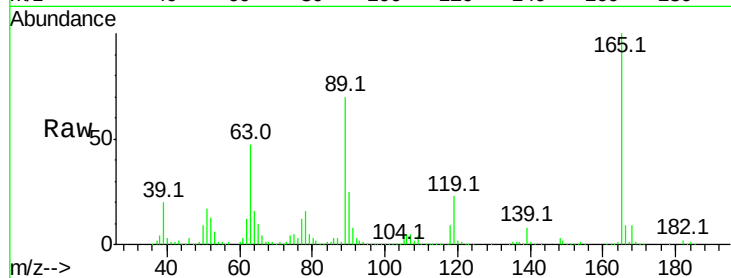
#56
2,4-Dinitrotoluene
Concen: 54.68 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	363403		
63	46.8	40.2	60.4	
89	70.5	62.5	93.7	
182	2.3	1.8	2.8	

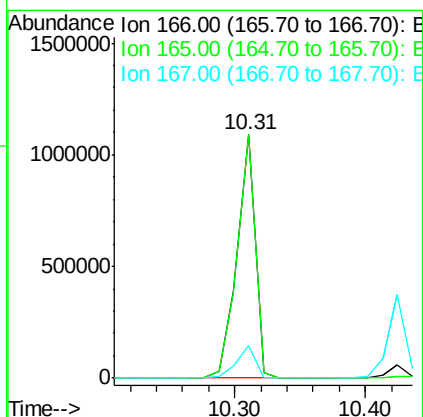
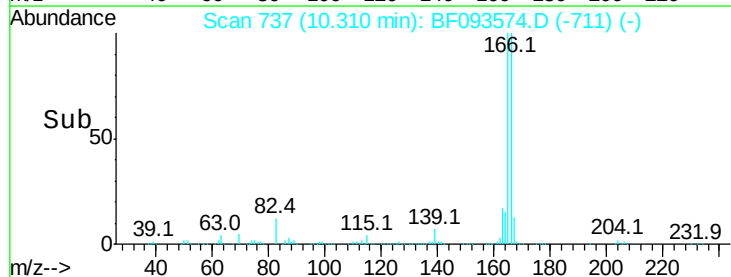
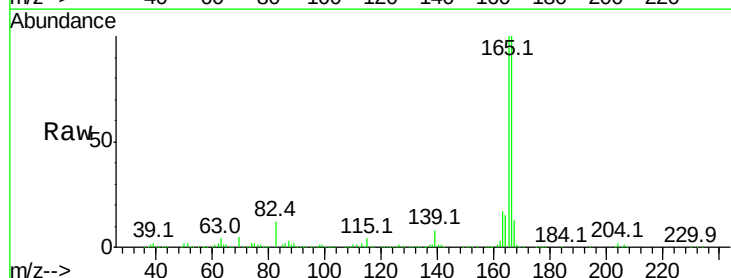
Manual Integrations
APPROVED

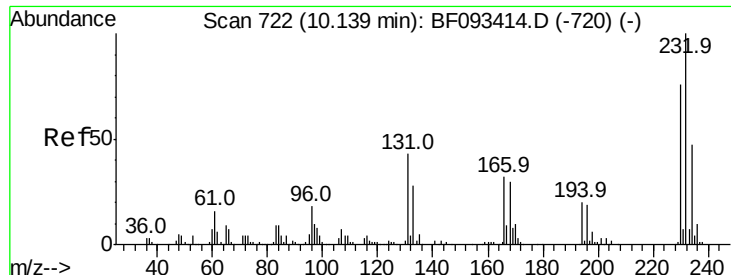
mohammad
3/15/2017 5:32:19 PM



#57
Fluorene
Concen: 48.96 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1050158		
165	100.0	77.8	116.8	
167	13.1	10.8	16.2	





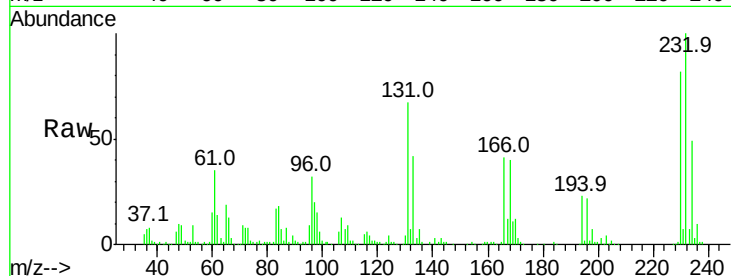
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.30 ng
 RT: 10.09 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.6	40.1	60.1
130	3.0	1.8	2.8
166	32.8	26.6	39.8

Manual Integrations
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mohammad
 3/15/2017 5:32:19 PM

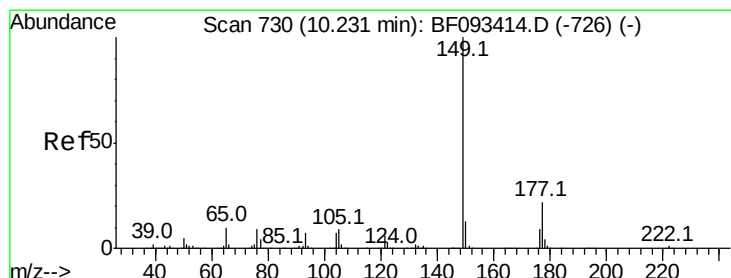
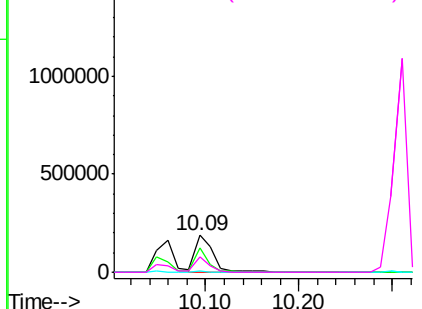
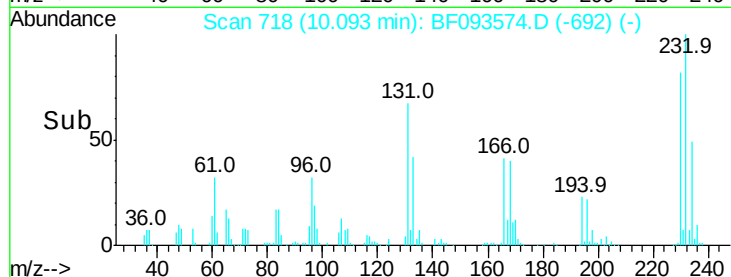


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

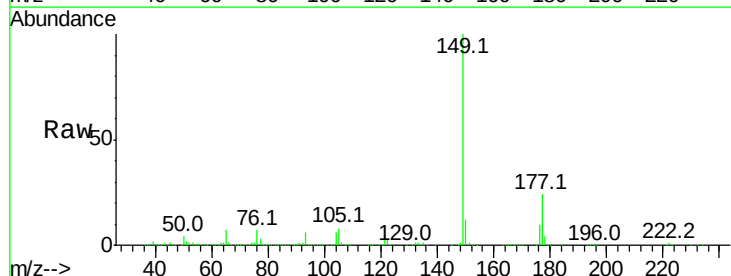
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 51.02 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

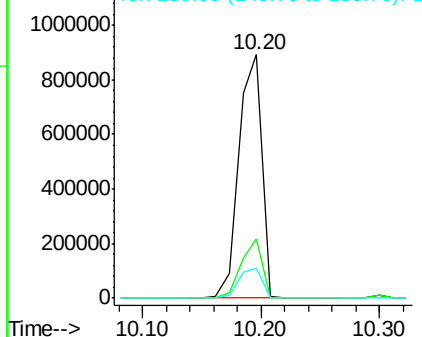
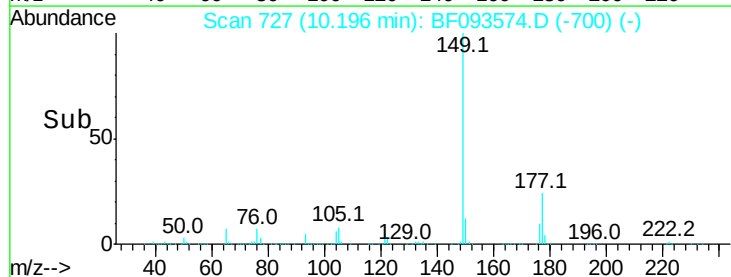
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	16.6	25.0
150	12.0	10.4	15.6

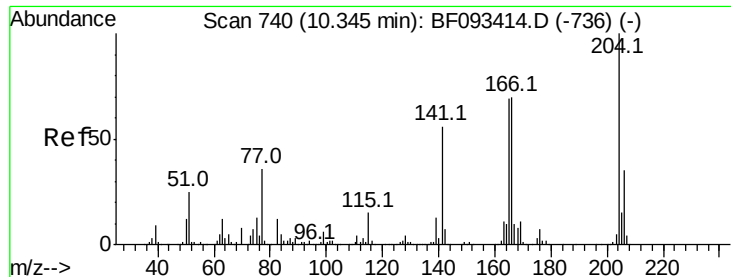


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 48.53 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:204 Resp: 466639

Ion Ratio Lower Upper

204 100

206 35.4 25.8 38.6

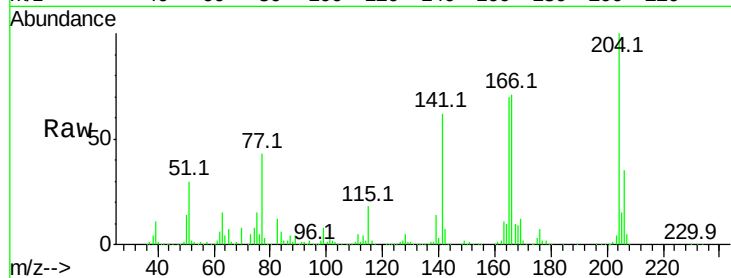
141 61.9 59.4 89.0

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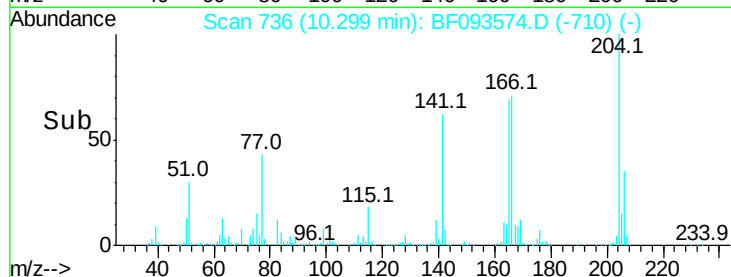


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



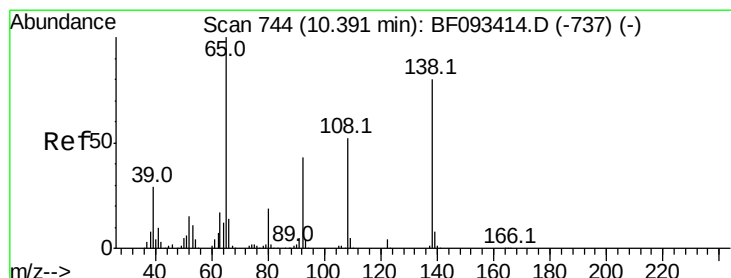
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#61

4-Nitroaniline

Concen: 41.86 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

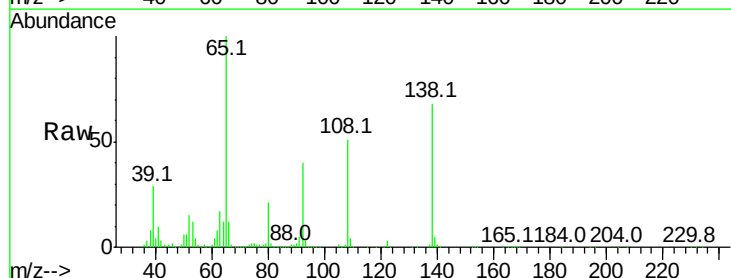
Tgt Ion:138 Resp: 278271

Ion Ratio Lower Upper

138 100

92 59.1 31.7 71.7

108 74.4 52.6 92.6

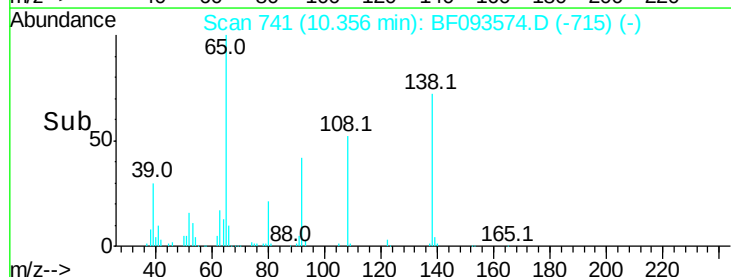


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



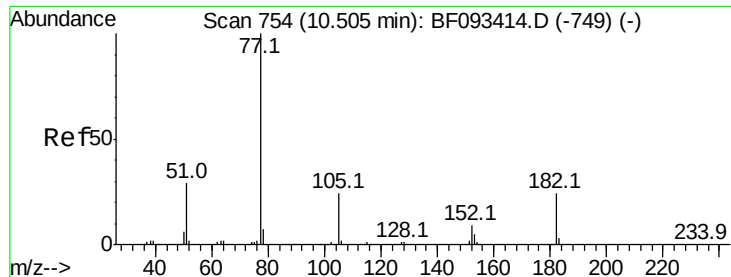
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 55.53 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion: 77 Resp: 1486877

Ion Ratio Lower Upper

77 100

182 20.0 0.0 39.3

105 22.9 2.3 42.3

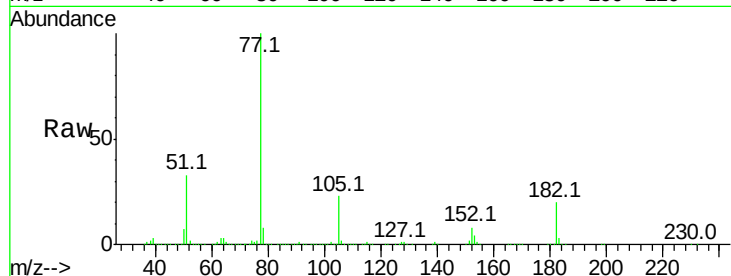
51 32.6 8.9 48.9

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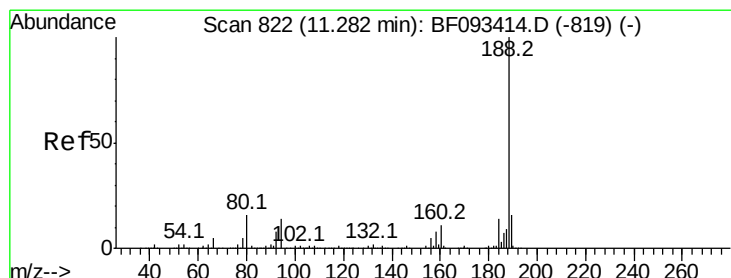
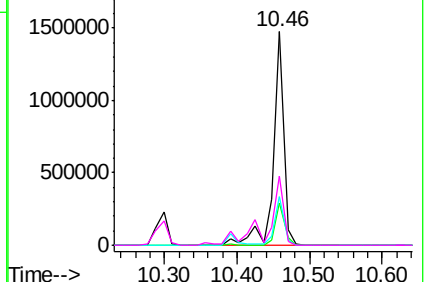
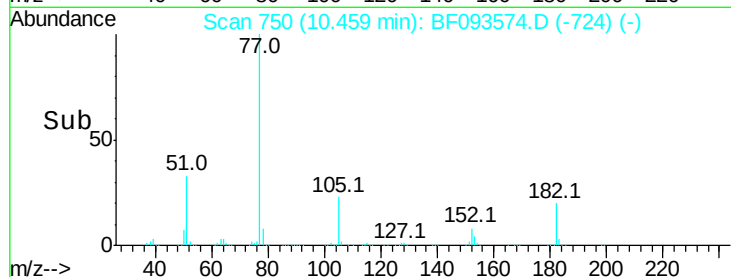


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

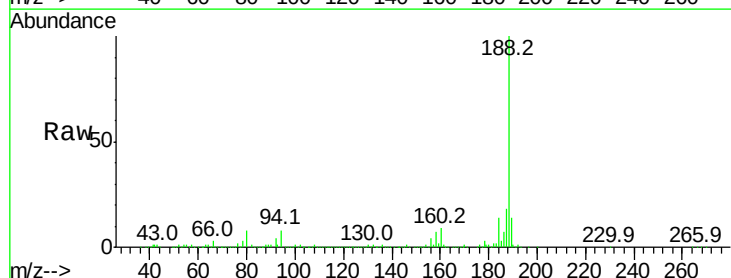
Tgt Ion: 188 Resp: 639344

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

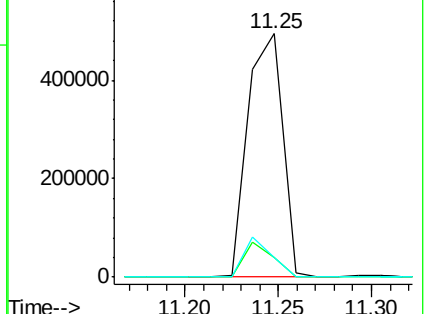
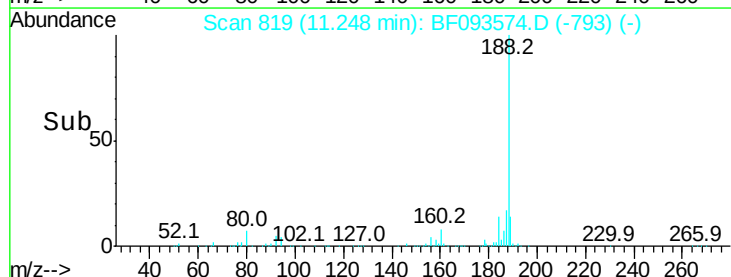
80 7.9 11.2 16.8#

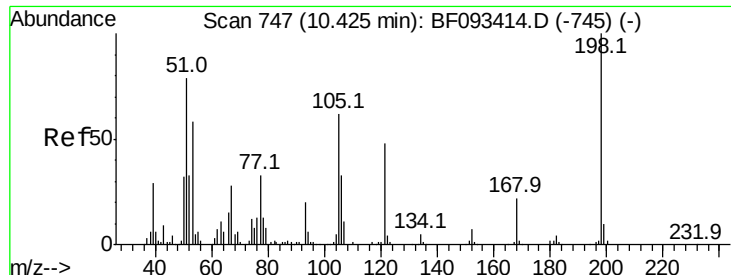


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





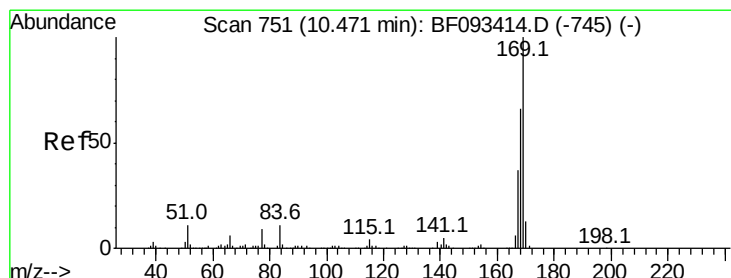
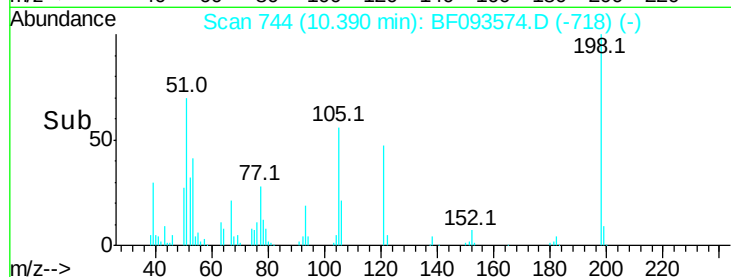
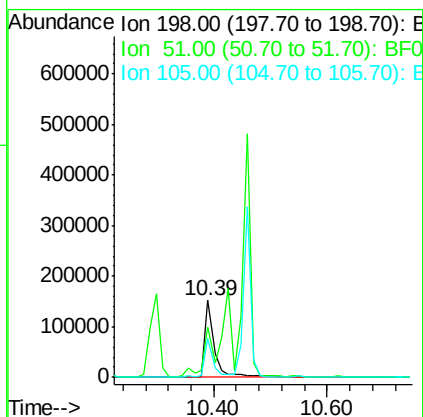
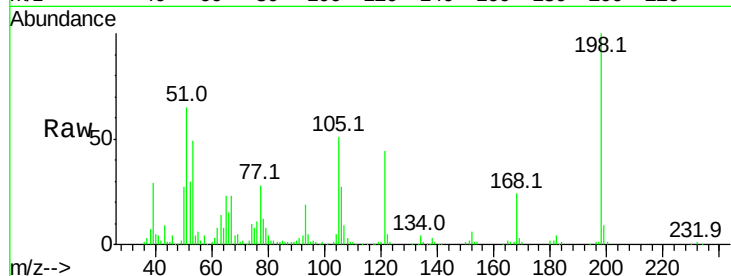
#64
4,6-Dinitro-2-methylphenol
Concen: 43.13 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion:198 Resp: 178664
Ion Ratio Lower Upper
198 100
51 65.2 6.7 46.7#
105 51.3 16.6 56.6

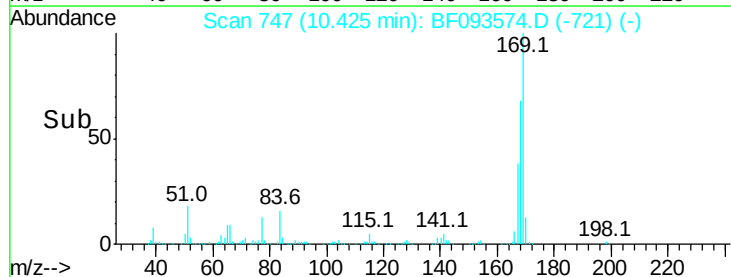
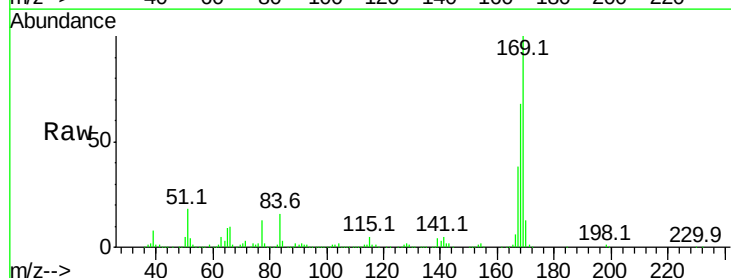
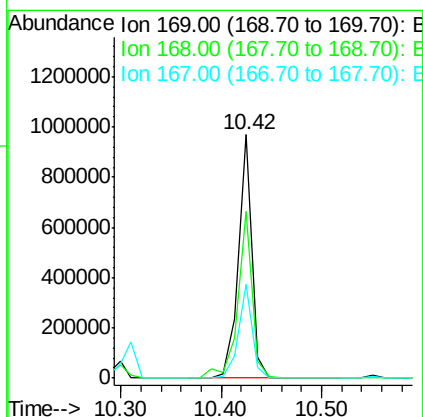
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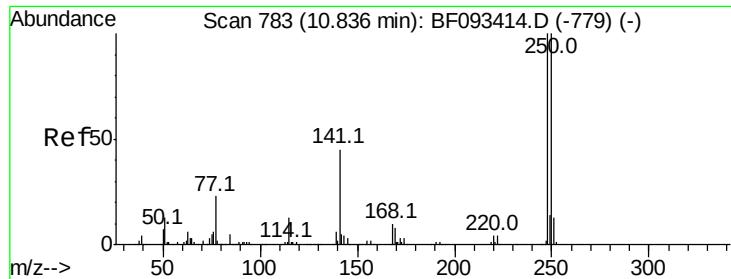
mohammad
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#65
n-Nitrosodiphenylamine
Concen: 42.28 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:169 Resp: 902616
Ion Ratio Lower Upper
169 100
168 68.4 54.2 81.2
167 38.4 30.2 45.4





#66

4-Bromophenyl-phenylether

Concen: 41.56 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

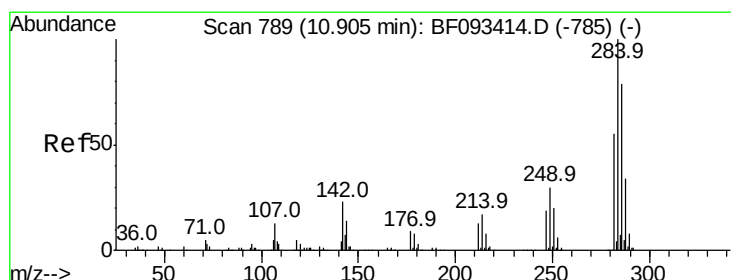
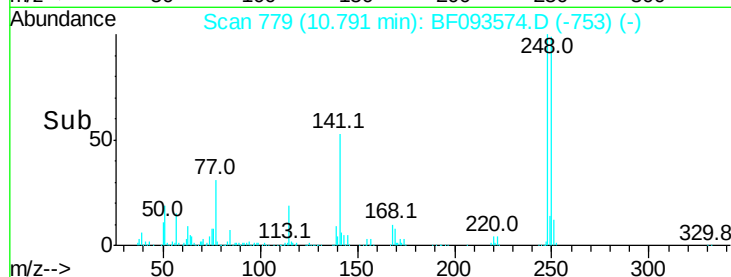
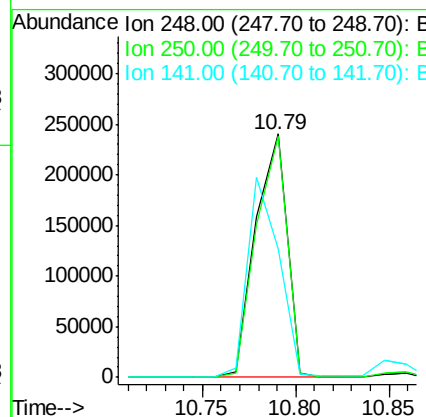
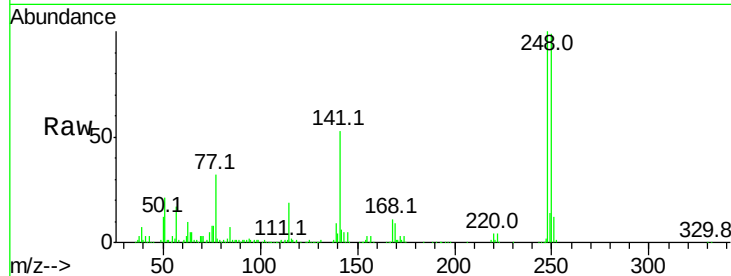
ClientSampleId :

E2-V4-BASEMS

Tot Ion:	248	Resp:	280995
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.9	115.3
141	52.9	68.2	102.4#

Manual Integrations
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#67

Hexachlorobenzene

Concen: 41.67 ng

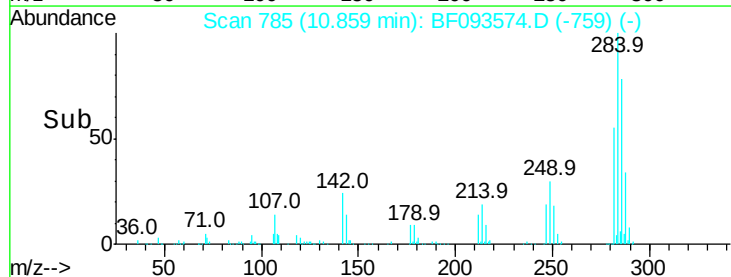
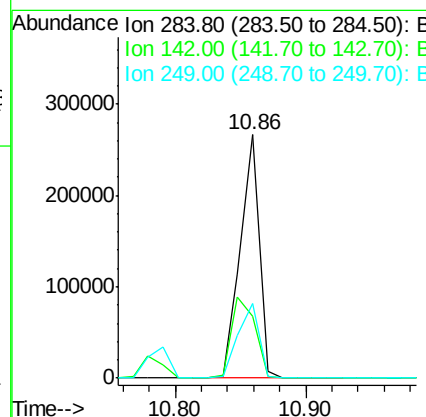
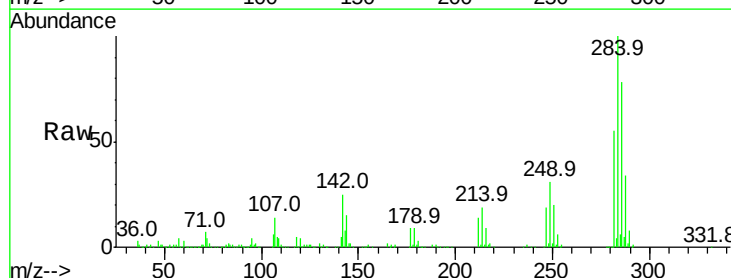
RT: 10.86 min Scan# 785

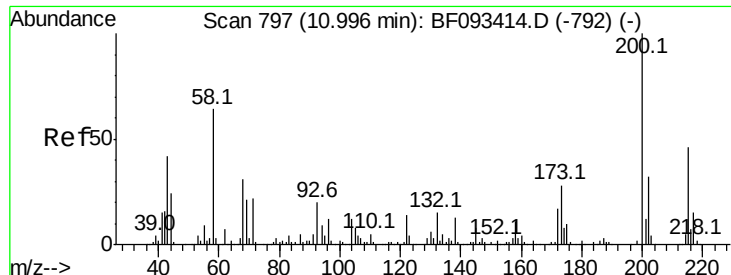
Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:	284	Resp:	268999
Ion Ratio	Lower	Upper	
284	100		
142	25.4	22.6	33.8
249	30.8	25.4	38.0





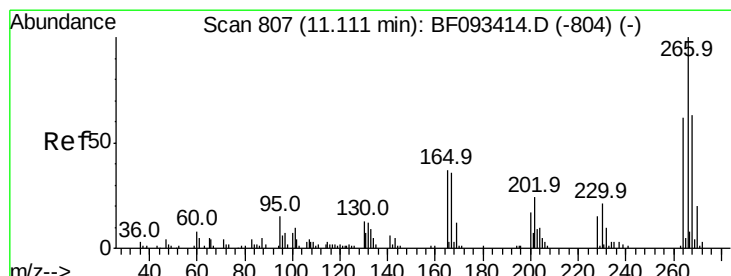
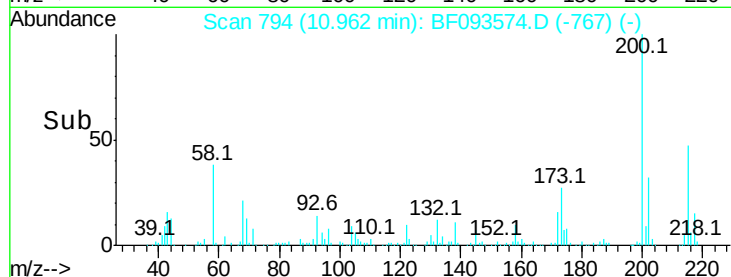
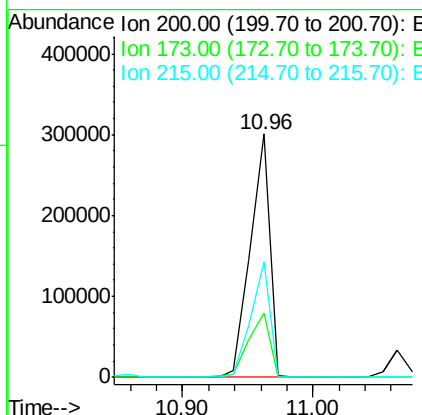
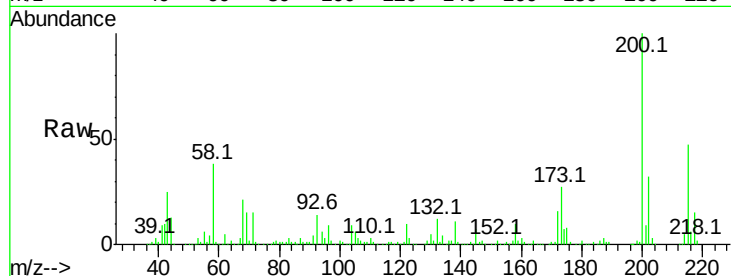
#68
Atrazine
Concen: 50.40 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	314952		
173	26.6	9.6	49.6	
215	47.3	25.7	65.7	

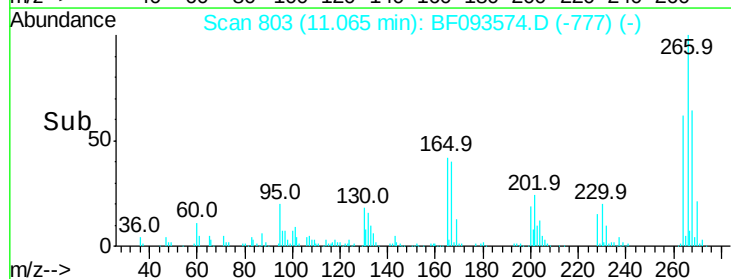
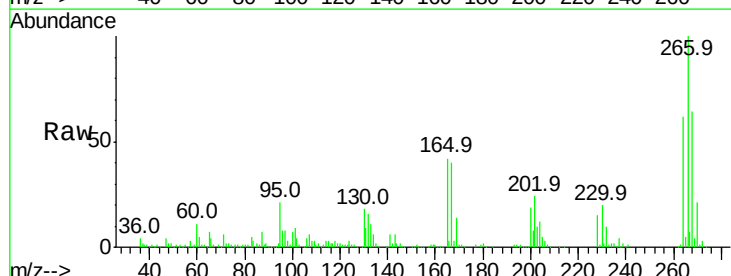
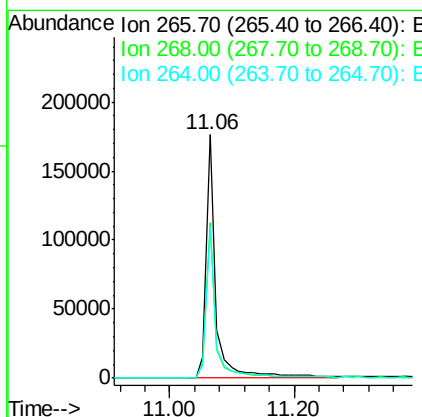
Manual Integrations
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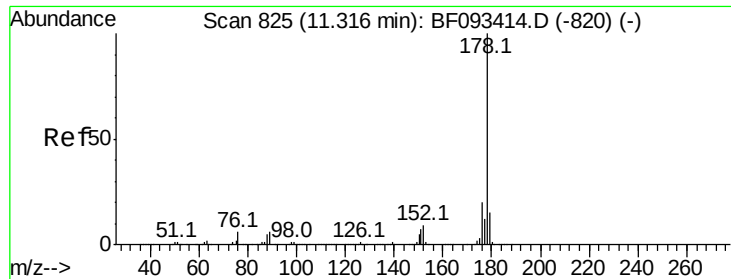
mohammad
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#69
Pentachlorophenol
Concen: 87.40 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	194816		
268	63.9	53.3	79.9	
264	62.1	50.3	75.5	





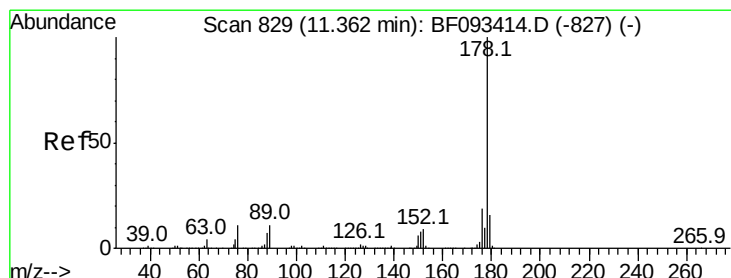
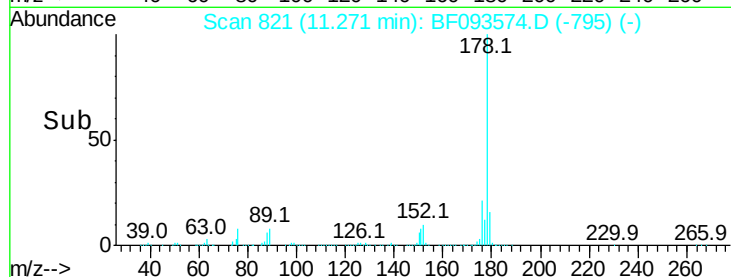
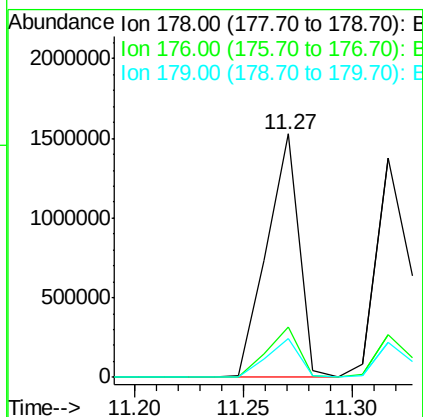
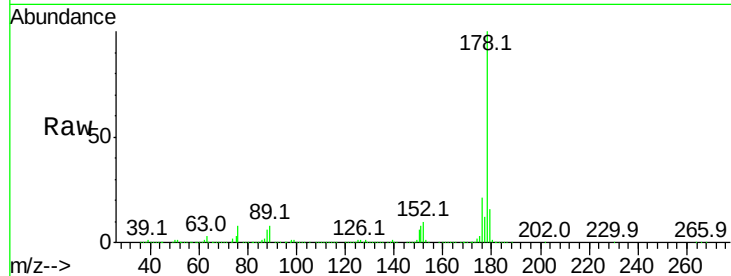
#70
Phenanthrene
Concen: 43.72 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion:178 Resp: 1595645
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 15.7 12.8 19.2

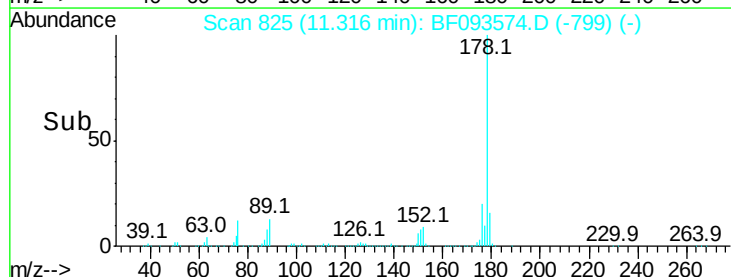
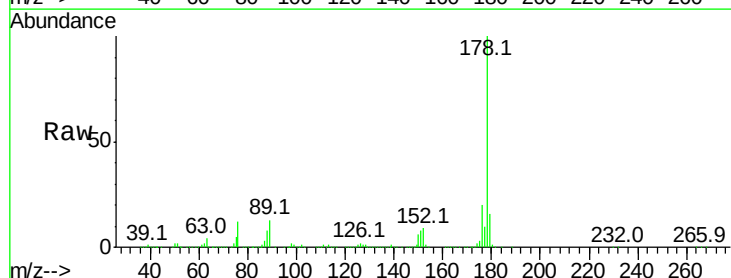
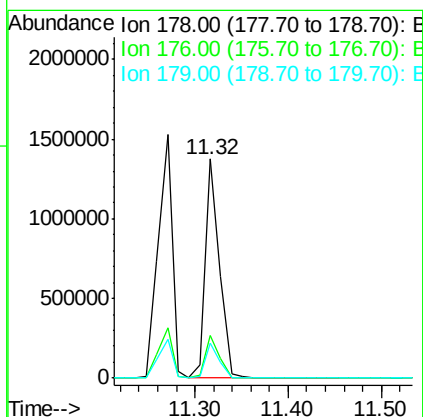
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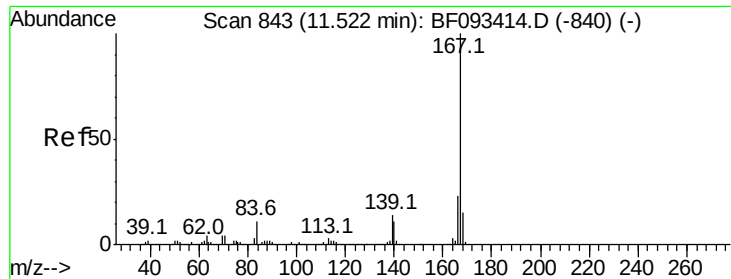
mohammad
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#71
Anthracene
Concen: 39.92 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:178 Resp: 1473791
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 13.2 19.8





#72

Carbazole

Concen: 41.54 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:167 Resp: 1440666

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

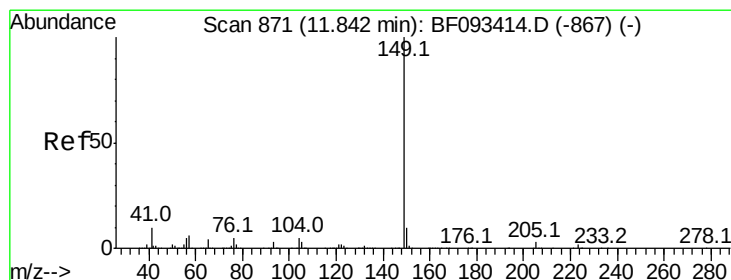
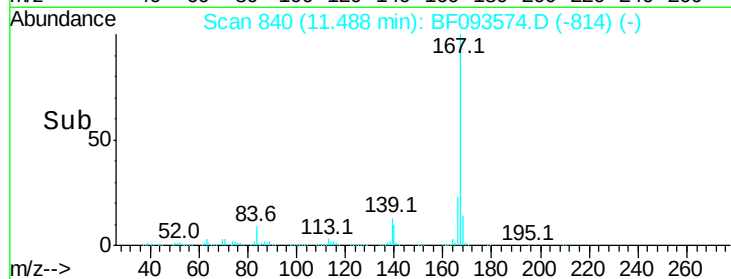
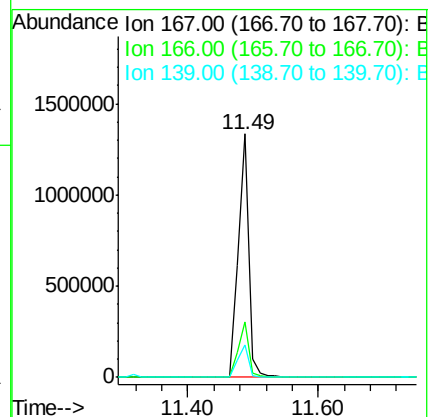
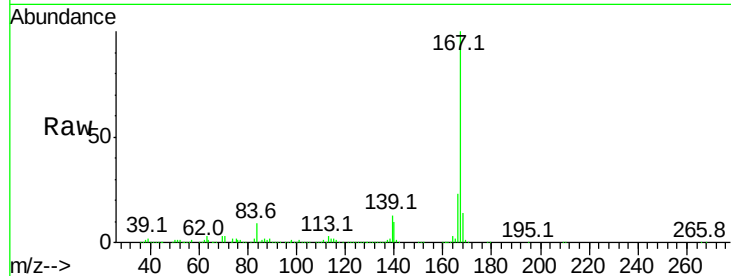
139 13.2 11.4 17.2

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 44.94 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

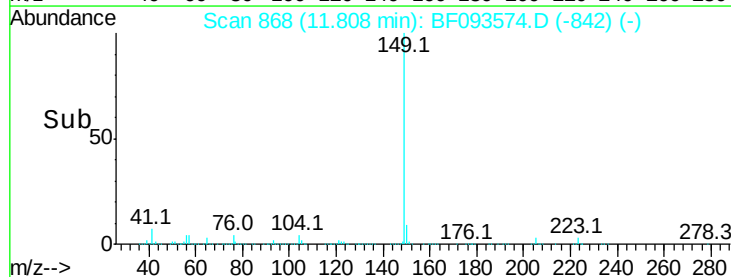
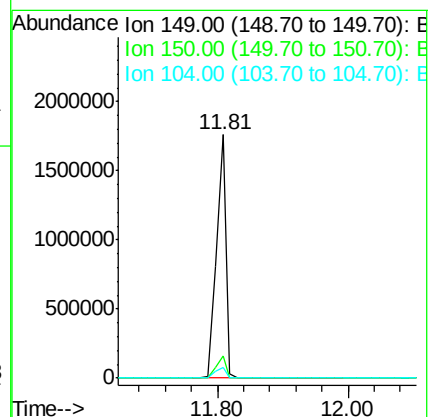
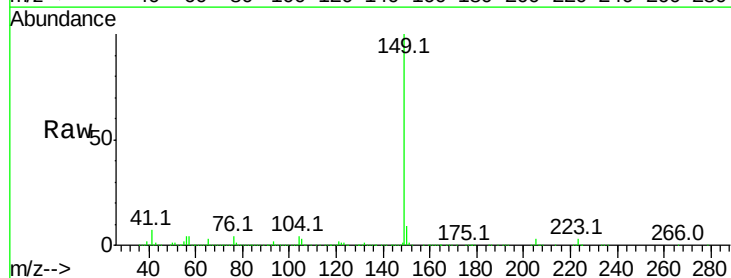
Tgt Ion:149 Resp: 1803144

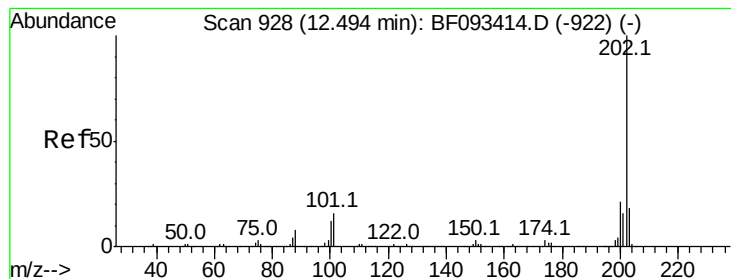
Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 4.4 4.6 7.0#





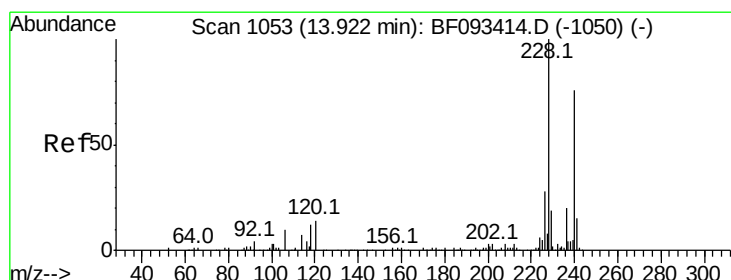
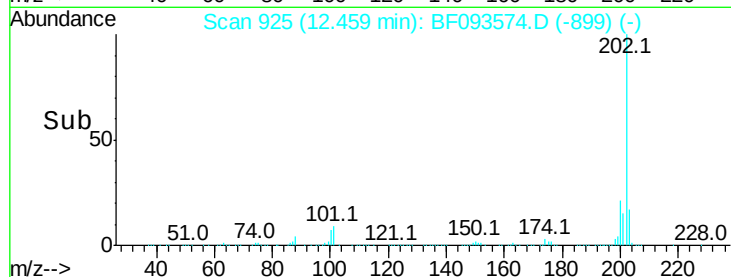
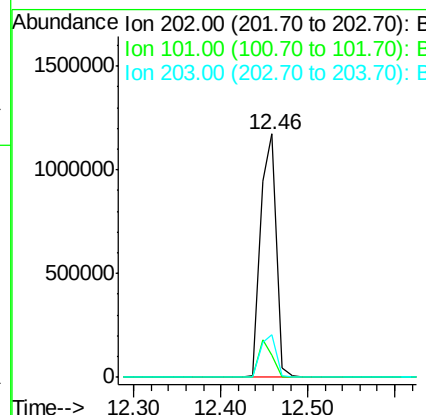
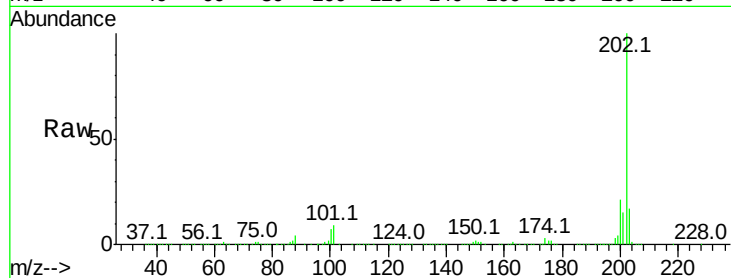
#74
Fluoranthene
Concen: 42.79 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.6
203	17.3	0.0	38.7

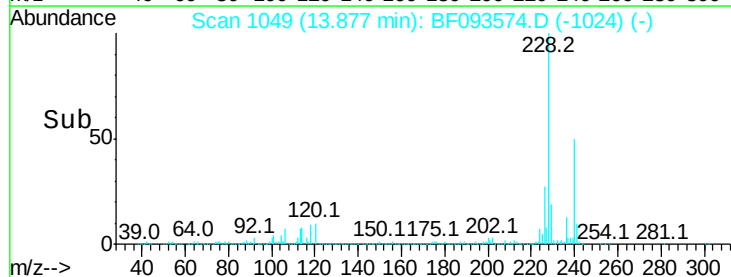
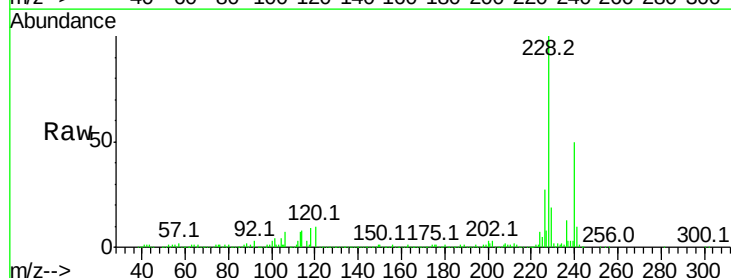
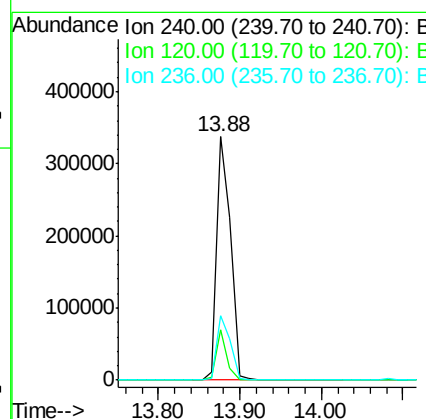
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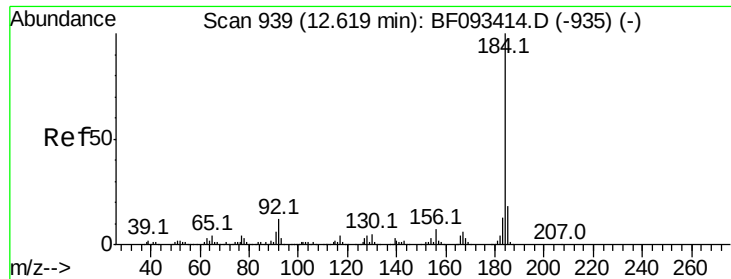
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.5	12.9	19.3#
236	26.7	20.9	31.3





#76

Benzidine

Concen: 27.34 ng

RT: 12.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

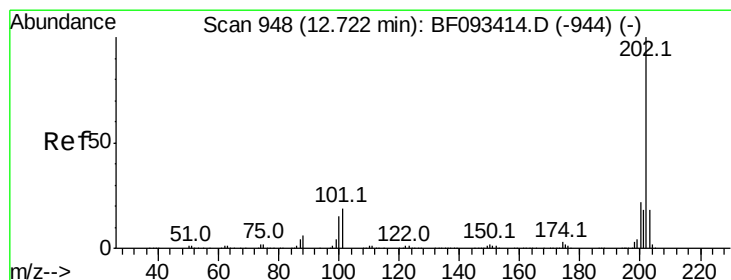
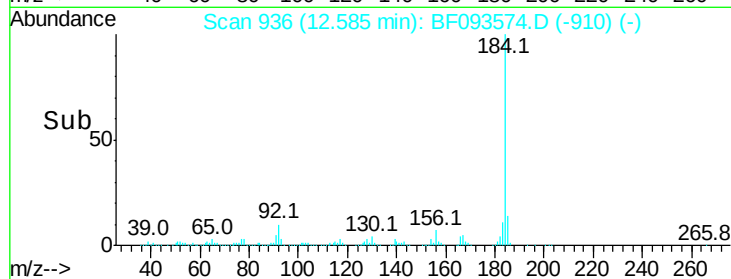
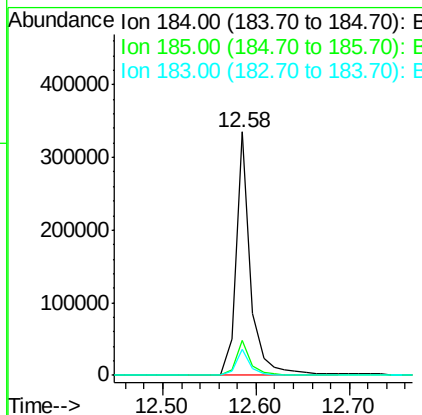
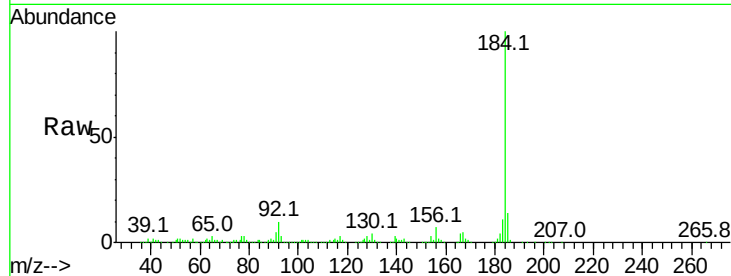
ClientSampleId :

E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	10.9	9.2	13.8

Manual Integrations
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#77

Pyrene

Concen: 50.36 ng

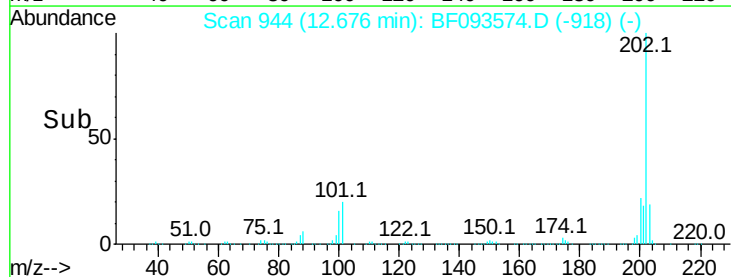
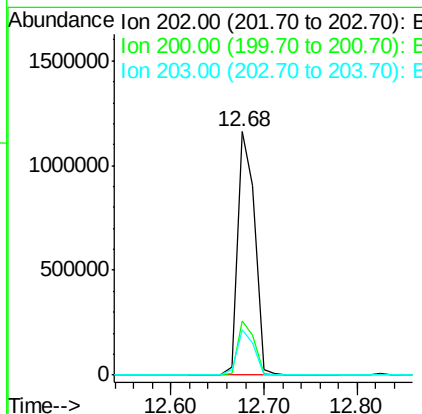
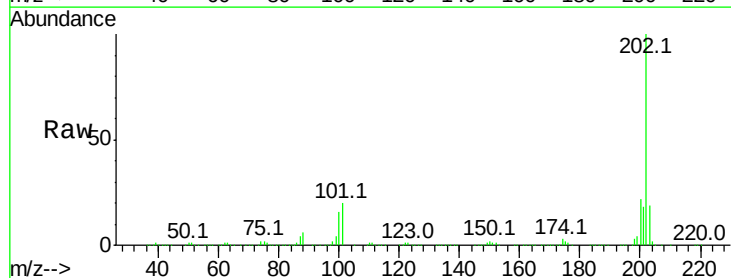
RT: 12.68 min Scan# 944

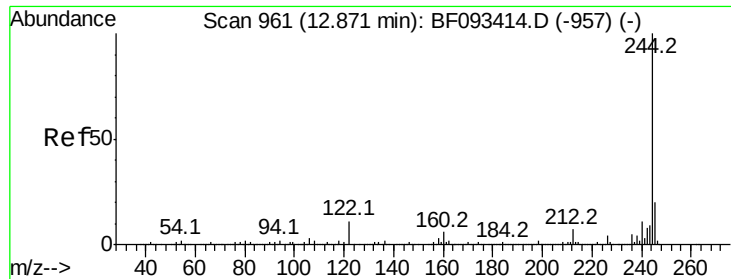
Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.5	14.7	22.1





#78

Terphenyl-d14

Concen: 91.59 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMS

Tot Ion:244 Resp: 1416895

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

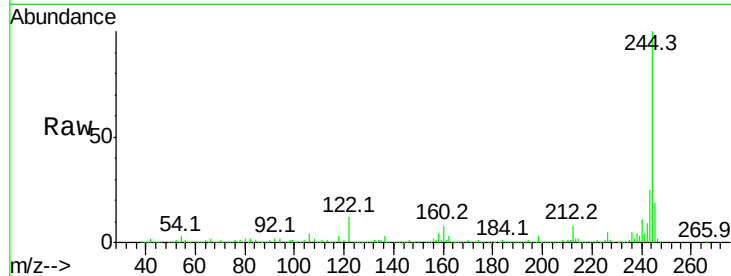
122 12.0 11.4 17.2

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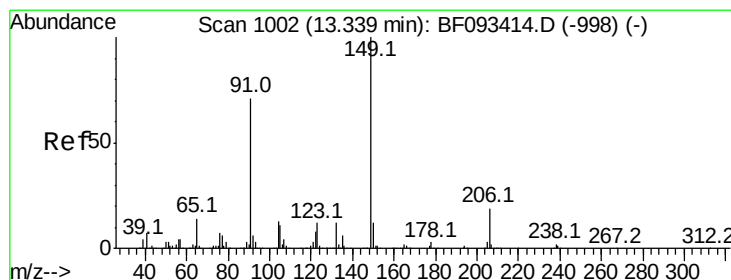
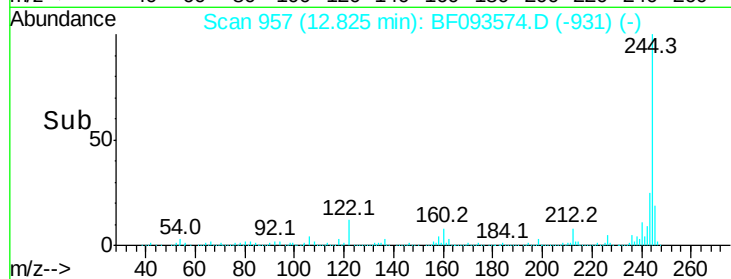
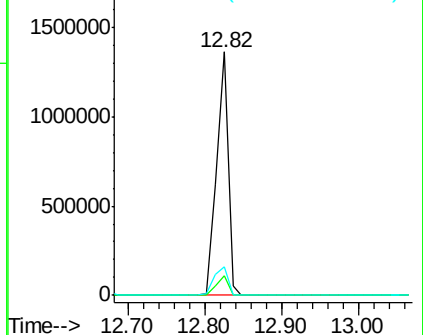
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 53.26 ng

RT: 13.29 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

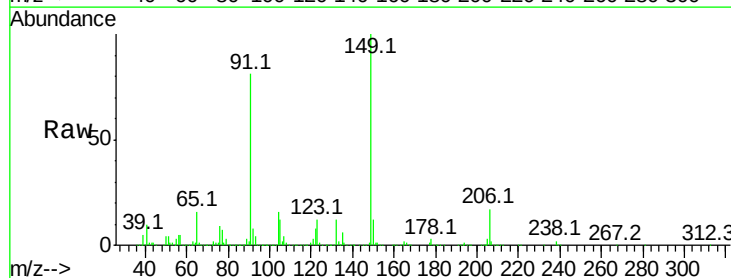
Tgt Ion:149 Resp: 655818

Ion Ratio Lower Upper

149 100

91 81.1 63.9 95.9

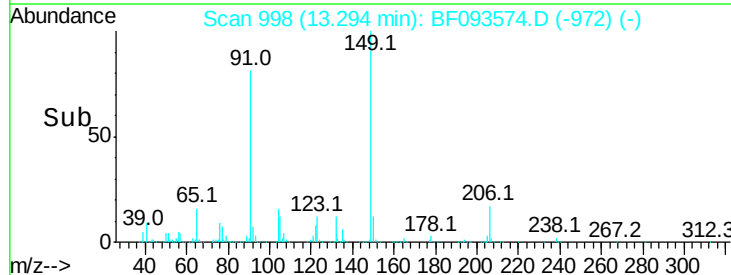
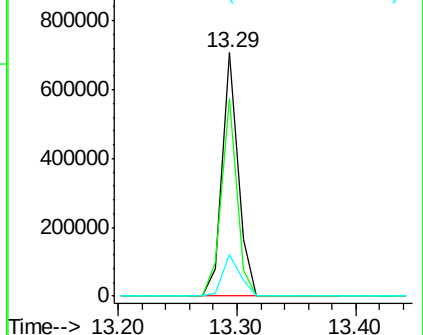
206 16.9 14.6 21.8

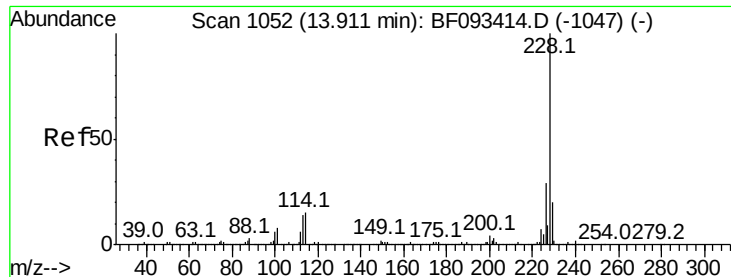


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





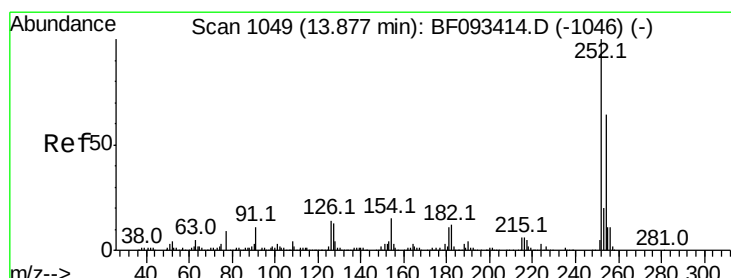
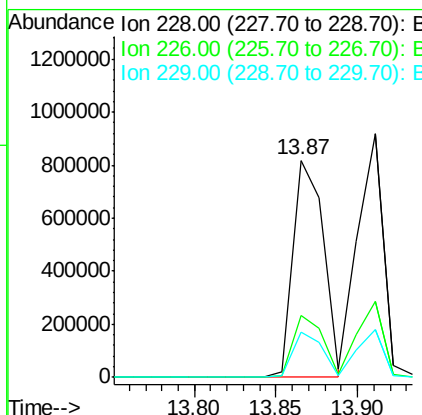
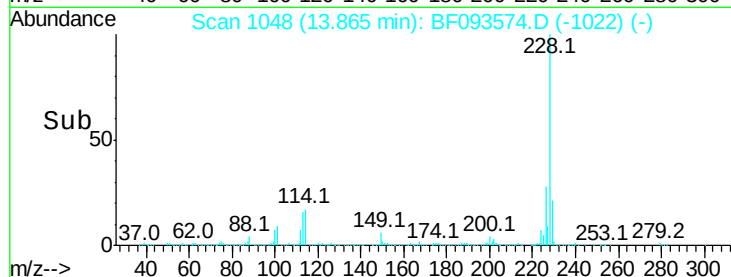
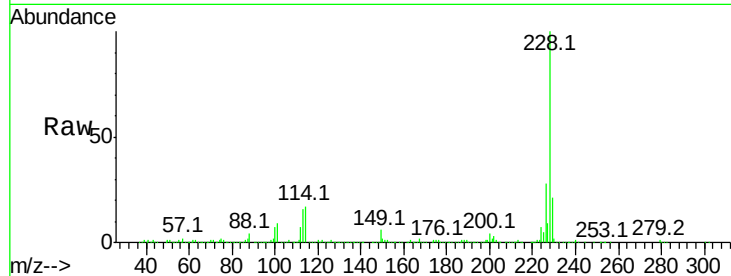
#80
Benzo(a)anthracene
Concen: 44.76 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.7	16.2	24.4

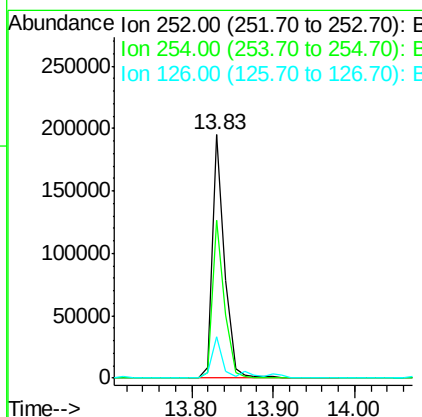
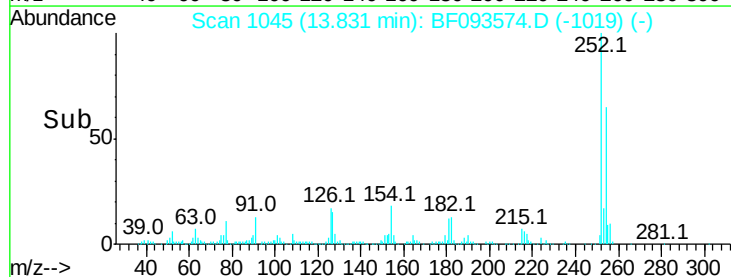
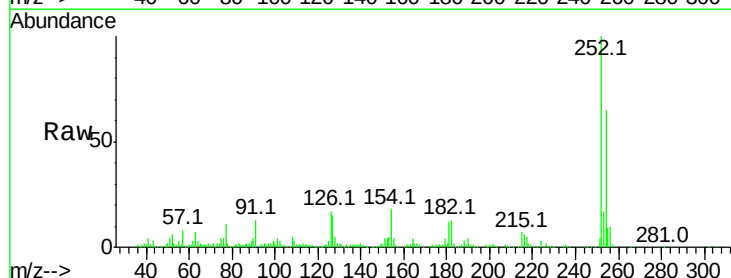
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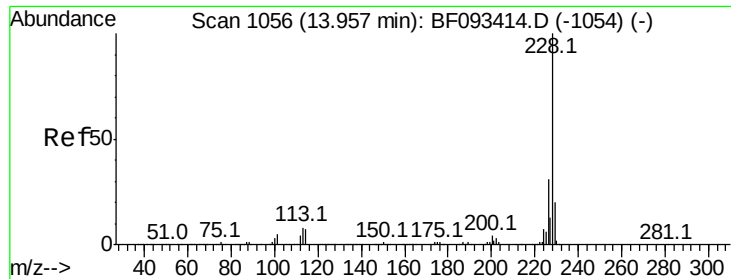
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 24.50 ng
RT: 13.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	17.2	13.6	20.4





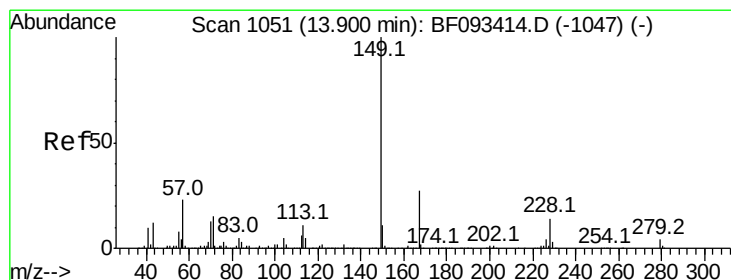
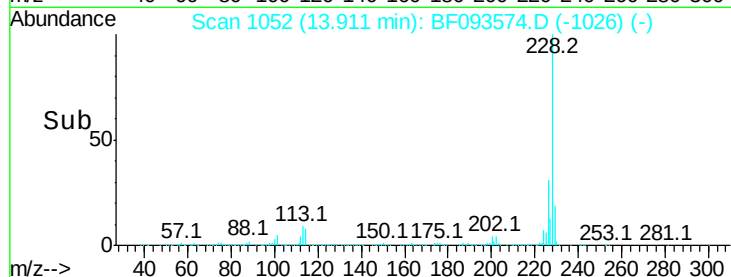
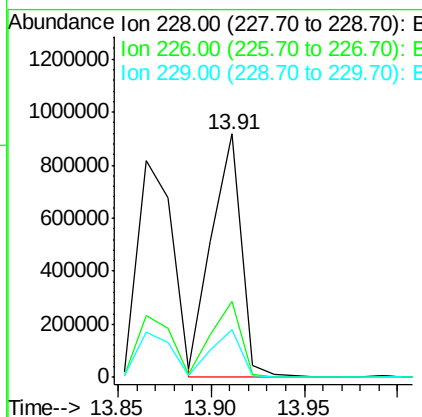
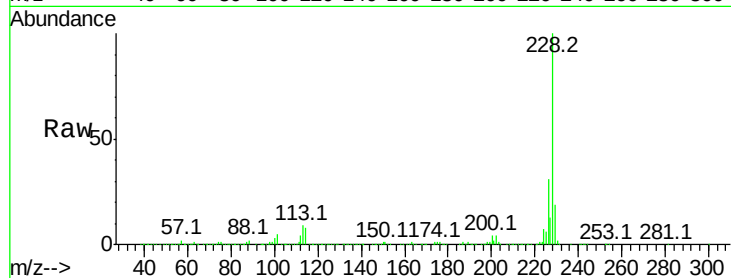
#82
Chrysene
Concen: 46.27 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.4	16.2	24.2

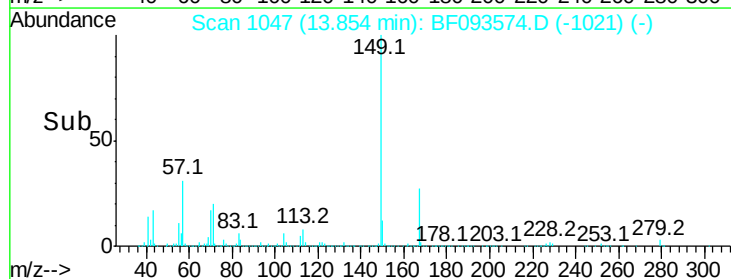
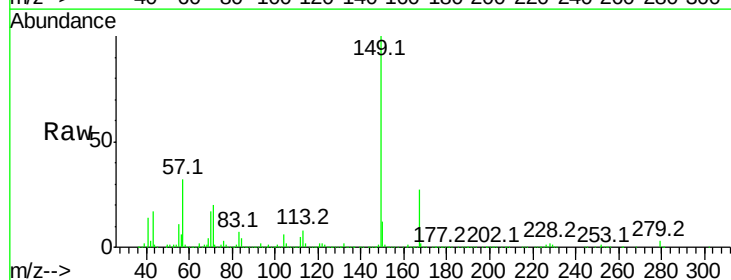
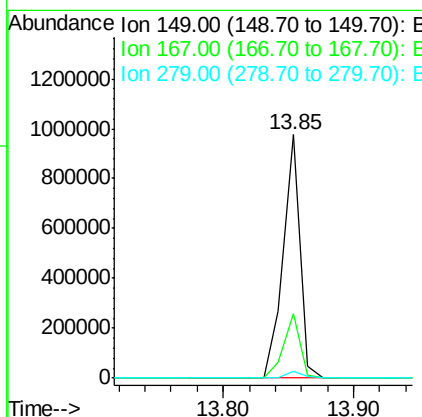
Manual Integrations
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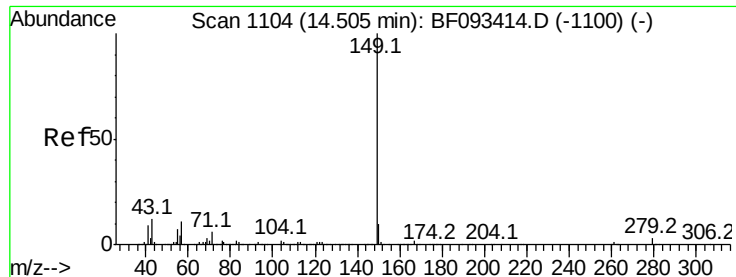
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 52.14 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.2	30.4
279	2.8	1.8	2.8#





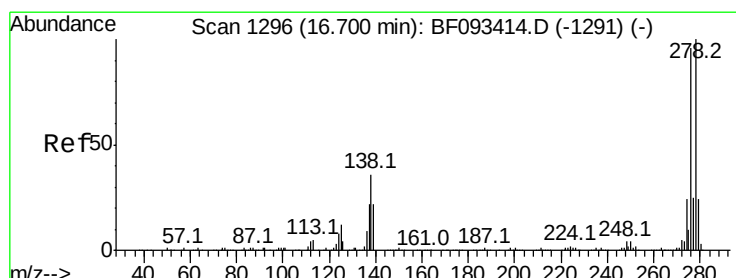
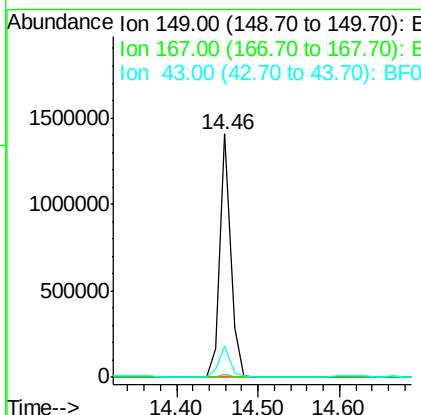
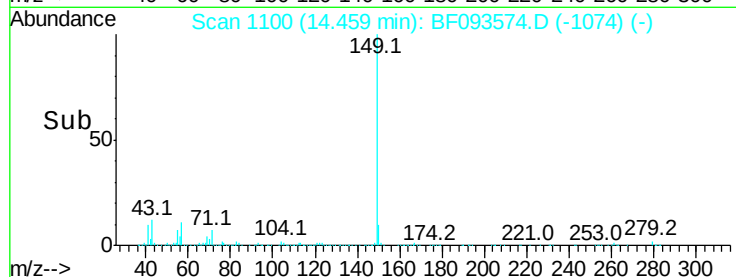
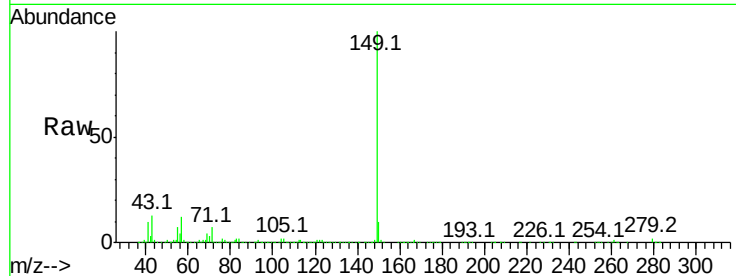
#84
Di-n-octyl phthalate
Concen: 44.95 ng
RT: 14.46 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion:149 Resp: 1285977
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.7 8.9 13.3

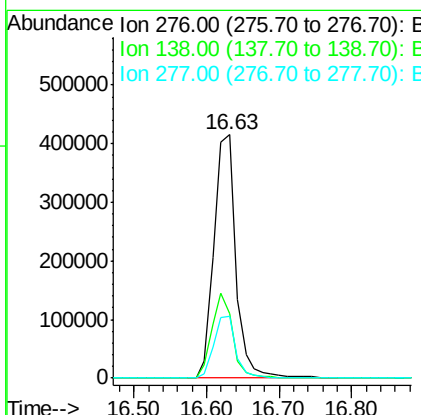
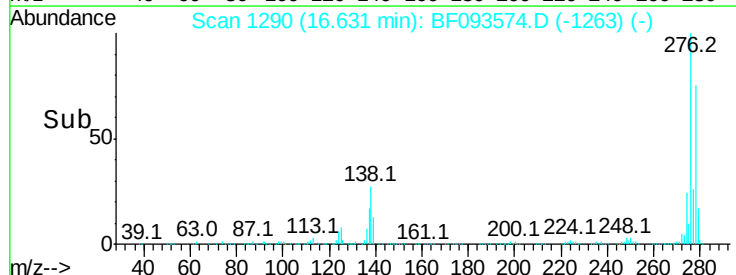
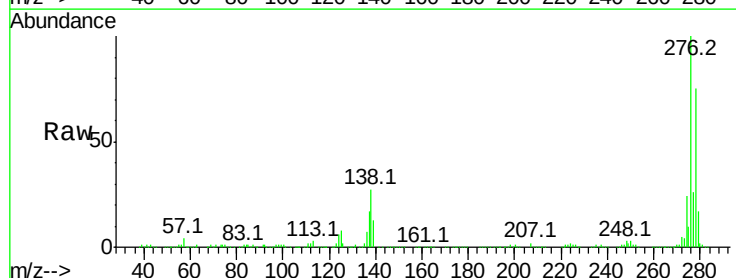
Manual Integrations
APPROVED

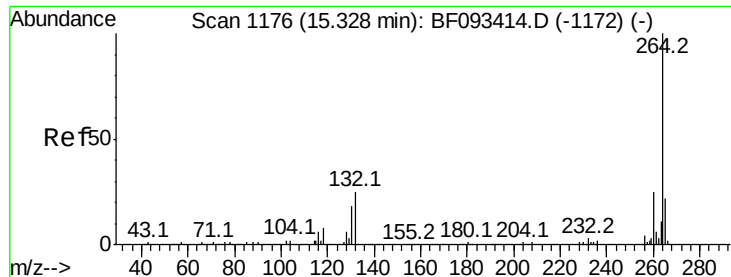
mohammad
3/15/2017 5:32:19 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.63 ng
RT: 16.63 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:276 Resp: 876166
Ion Ratio Lower Upper
276 100
138 33.8 21.8 32.6#
277 25.7 20.2 30.4





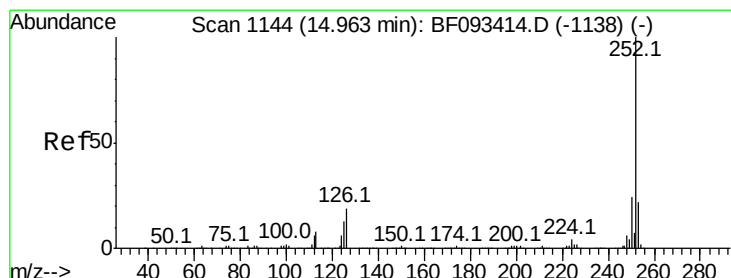
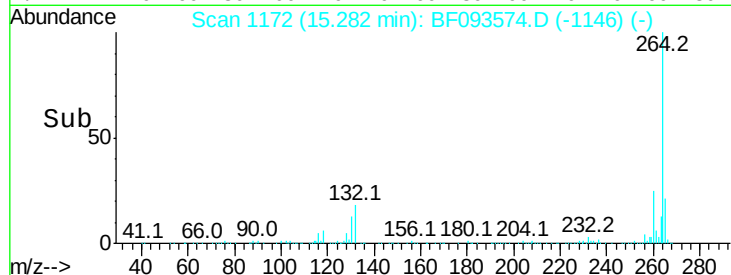
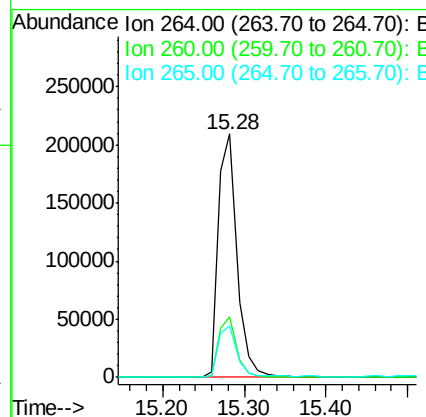
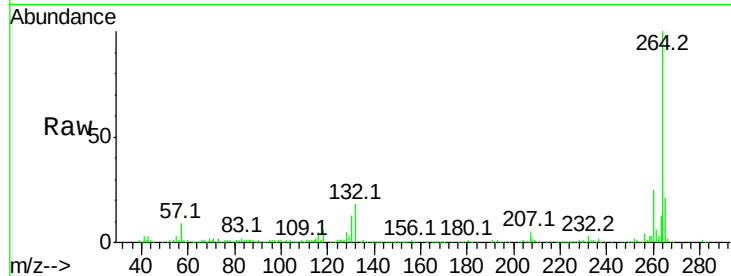
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.4	26.0

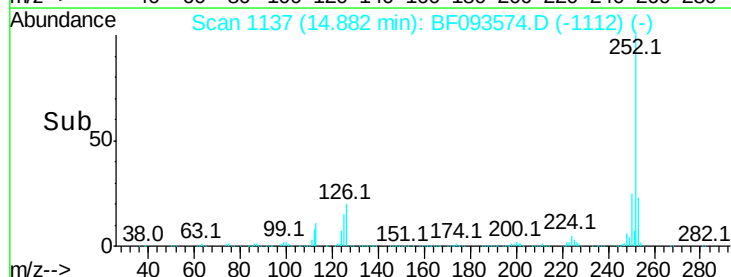
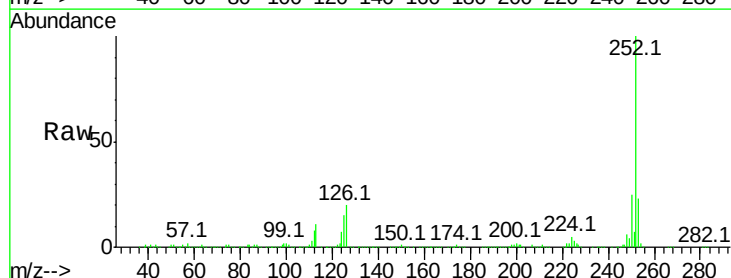
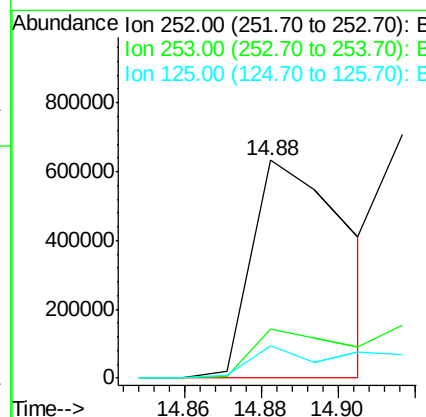
Manual Integrations
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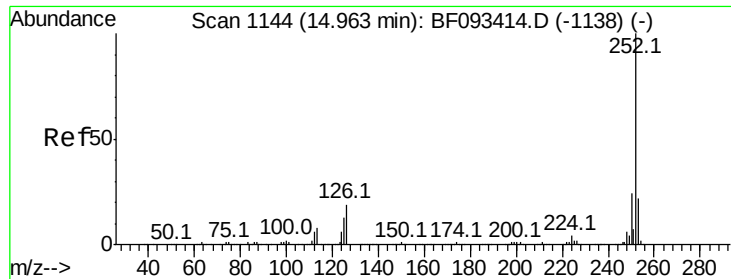
mohammad
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#87
Benzo(b)fluoranthene
Concen: 54.09 ng m
RT: 14.88 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	15.1	9.8	14.6





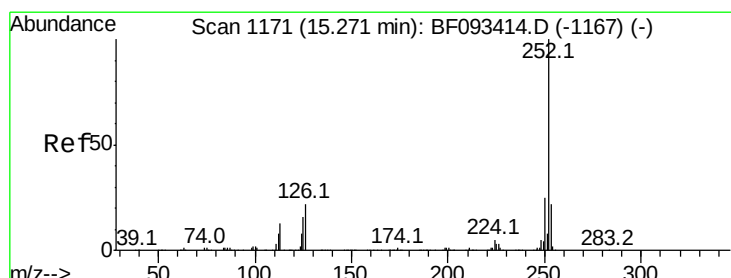
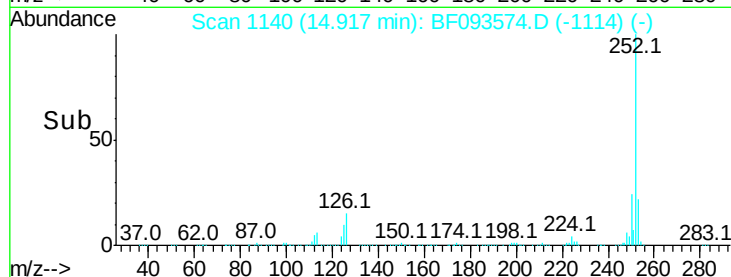
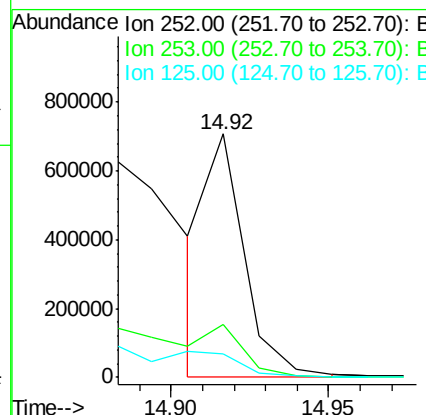
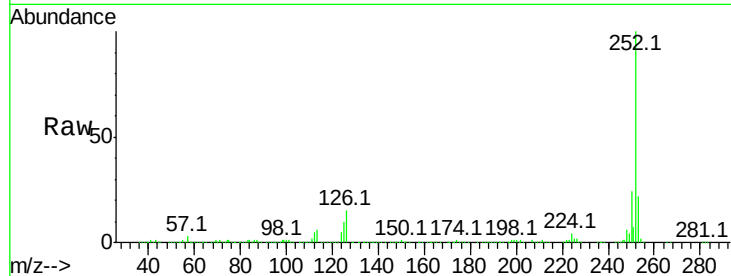
#88
Benzo(k)fluoranthene
Concen: 29.93 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.9	8.9	13.3

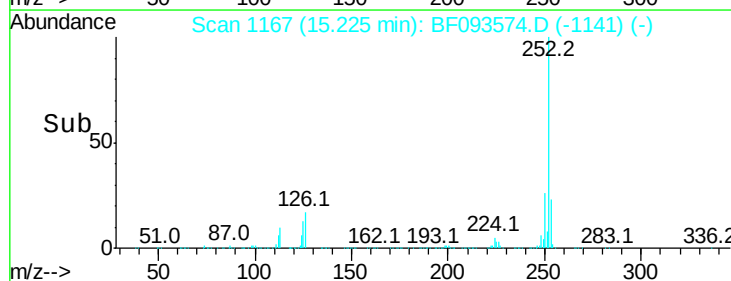
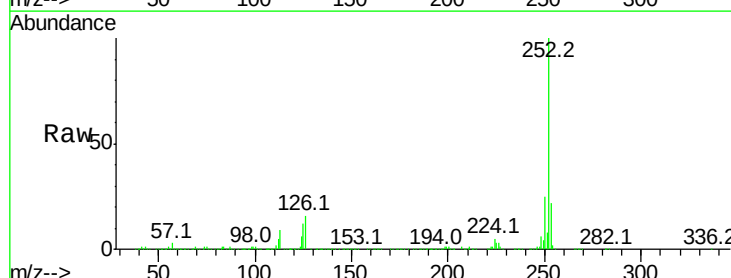
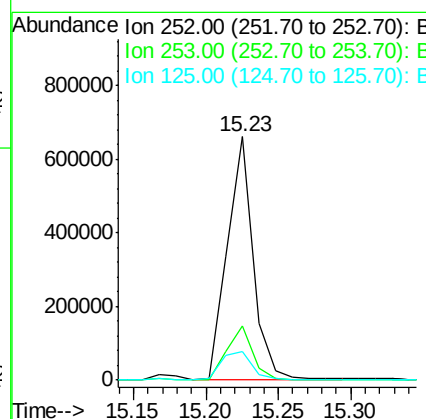
Manual Integrations
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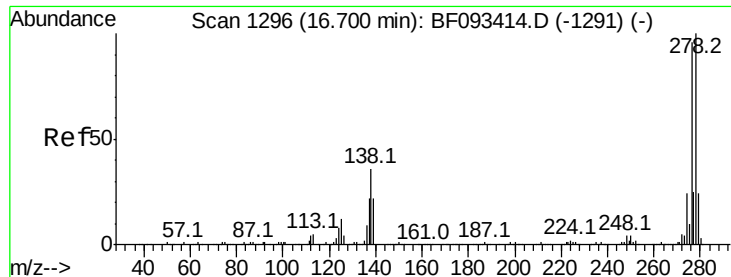
mohammad
3/15/2017 5:32:19 PM



#89
Benzo(a)pyrene
Concen: 43.64 ng
RT: 15.23 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.0	10.0	15.0





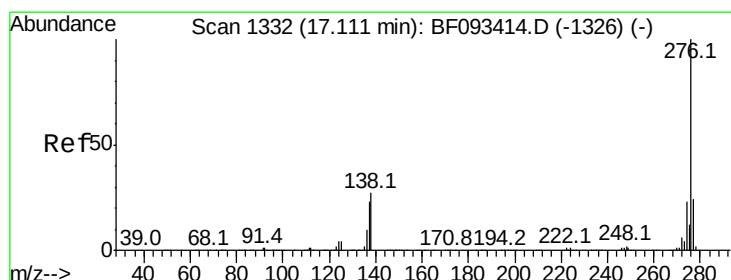
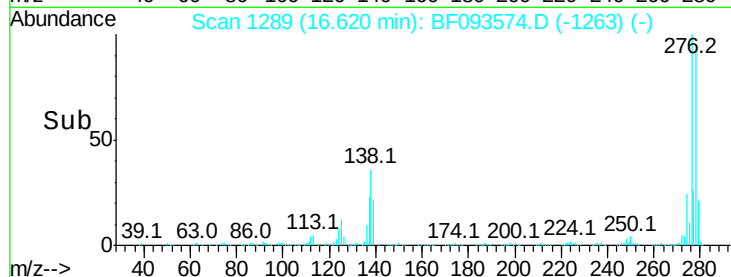
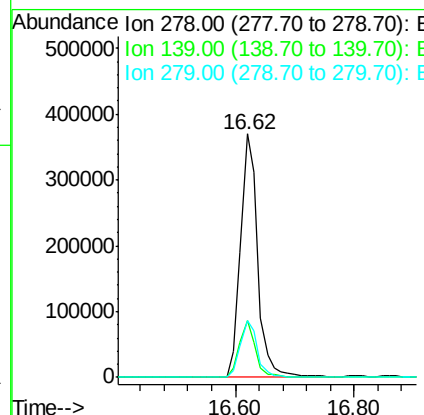
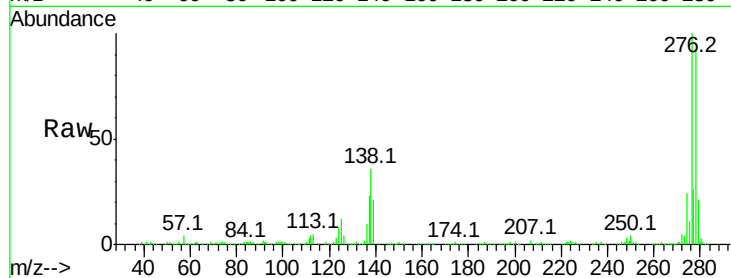
#90
Dibenzo(a,h)anthracene
Concen: 48.17 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.8	22.2#
279	23.2	19.8	29.6

Manual Integrations
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3/15/2017 5:32:19 PM



#91
Benzo(g,h,i)perylene
Concen: 49.95 ng
RT: 17.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.2	16.0	24.0#

