

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093575.D
 Acq On : 11 Mar 2017 18:53
 Operator : SJ/MA
 Sample : I2215-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Manual Integrations
 APPROVED

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 3/15/2017 5:32:26 PM

Quant Time: Mar 13 16:29:35 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	182341	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	734730	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	350475	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	629205	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	433890	20.00	ng	-0.01
86) Perylene-d12	15.27	264	325091	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1047091	95.57	ng	0.00
7) Phenol-d6	6.38	99	1237857	89.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	796904	60.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	210114	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1146562	60.85	ng	-0.01
78) Terphenyl-d14	12.83	244	1016673	60.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	157614	26.12	ng	89
3) Pyridine	2.94	79	420374m	27.32	ng	
4) n-Nitrosodimethylamine	2.88	42	238850	32.50	ng	78
6) Aniline	6.39	93	336854	17.77	ng	97
8) 2-Chlorophenol	6.50	128	377495	30.75	ng	84
9) Benzaldehyde	6.29	77	56376	4.56	ng	96
10) Phenol	6.40	94	604317	35.70	ng	# 78
11) bis(2-Chloroethyl)ether	6.46	93	397632	29.06	ng	92
12) 1,3-Dichlorobenzene	6.65	146	401229	28.56	ng	# 92
13) 1,4-Dichlorobenzene	6.73	146	413145	28.72	ng	98
14) 1,2-Dichlorobenzene	6.88	146	366091	28.74	ng	97
15) Benzyl Alcohol	6.88	79	351725	35.71	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	679389	29.89	ng	54
17) 2-Methylphenol	7.01	107	292873	28.21	ng	# 88
18) Hexachloroethane	7.22	117	139670	28.79	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	317890	33.47	ng	95
20) 3+4-Methylphenols	7.17	107	418210	31.06	ng	# 73
22) Acetophenone	7.14	105	532094	30.09	ng	# 94
24) Nitrobenzene	7.32	77	459898	30.90	ng	96
25) Isophorone	7.56	82	814449	30.50	ng	97
26) 2-Nitrophenol	7.64	139	198571	29.24	ng	92
27) 2,4-Dimethylphenol	7.68	122	336067	30.42	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	489965	29.06	ng	98
29) 2,4-Dichlorophenol	7.89	162	329843	31.74	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	309561	28.01	ng	# 94
31) Naphthalene	8.02	128	1029377	27.96	ng	99
33) 4-Chloroaniline	8.09	127	293626	19.65	ng	# 93
34) Hexachlorobutadiene	8.14	225	157178	27.61	ng	99
35) Caprolactam	8.47	113	106396	29.98	ng	# 47
36) 4-Chloro-3-methylphenol	8.60	107	344467	31.06	ng	96
37) 2-Methylnaphthalene	8.72	142	701962	29.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	284819	29.76	ng	98
40) Hexachlorocyclopentadiene	8.87	237	119763	54.19	ng	98
42) 2,4,6-Trichlorophenol	9.01	196	220546	36.89	ng	90

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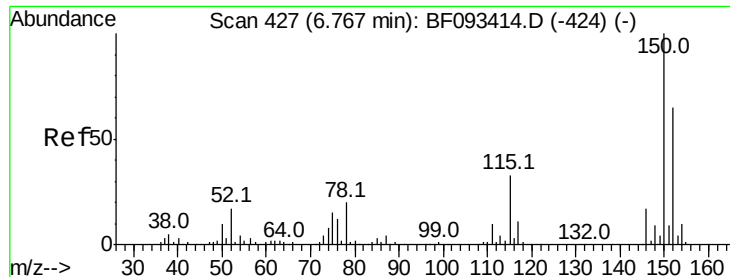
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	213651	33.30	nq	91
45) 1,1'-Biphenyl	9.18	154	831589	32.57	nq	97
46) 2-Chloronaphthalene	9.20	162	630889	32.28	nq	93
47) 2-Nitroaniline	9.32	65	255965	37.05	nq	# 79
48) Acenaphthylene	9.61	152	980177	30.41	nq	99
49) Dimethylphthalate	9.49	163	908303	39.09	nq	99
50) 2,6-Dinitrotoluene	9.56	165	148311	29.09	nq	# 28
51) Acenaphthene	9.78	154	571134	29.97	nq	96
52) 3-Nitroaniline	9.74	138	143635	23.45	nq	87
53) 2,4-Dinitrophenol	9.88	184	32070	13.81	nq	# 65
54) Dibenzofuran	9.97	168	877872	36.80	nq	93
55) 4-Nitrophenol	9.93	139	150338m	50.53	nq	
56) 2,4-Dinitrotoluene	9.98	165	212576	33.94	nq	# 79
57) Fluorene	10.31	166	659965	32.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168403	37.19	nq	98
59) Diethylphthalate	10.18	149	742992	33.46	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	315495	34.82	nq	# 80
61) 4-Nitroaniline	10.36	138	181730	29.01	nq	92
62) Azobenzene	10.46	77	974908	38.64	nq	95
64) 4,6-Dinitro-2-methylphenol	10.39	198	84968	20.84	nq	# 79
65) n-Nitrosodiphenylamine	10.42	169	621264	29.57	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	174181	26.18	nq	# 85
67) Hexachlorobenzene	10.86	284	169743	26.72	nq	# 92
68) Atrazine	10.95	200	167580	27.25	nq	99
69) Pentachlorophenol	11.06	266	96406	43.95	nq	96
70) Phenanthrene	11.26	178	982091	27.34	nq	99
71) Anthracene	11.32	178	1015150	27.94	nq	99
72) Carbazole	11.48	167	922179	27.02	nq	99
73) Di-n-butylphthalate	11.81	149	1100258	27.86	nq	# 96
74) Fluoranthene	12.45	202	947621	27.32	nq	96
76) Benzidine	12.59	184	216100	15.15	nq	96
77) Pyrene	12.68	202	949884	30.10	nq	99
79) Butylbenzylphthalate	13.29	149	443355	33.38	nq	94
80) Benzo(a)anthracene	13.87	228	679667	26.53	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	159259	17.75	nq	# 95
82) Chrysene	13.90	228	660323	27.85	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	591129	31.93	nq	# 97
84) Di-n-octyl phthalate	14.46	149	850975	27.58	nq	95
85) Indeno(1,2,3-cd)pyrene	16.62	276	542747	27.35	nq	# 93
87) Benzo(b)fluoranthene	14.88	252	503617m	25.44	nq	
88) Benzo(k)fluoranthene	14.91	252	533358m	27.93	nq	
89) Benzo(a)pyrene	15.23	252	495599	27.39	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	454441	30.36	nq	96
91) Benzo(g,h,i)perylene	17.02	276	478918	31.17	nq	# 92

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



#1

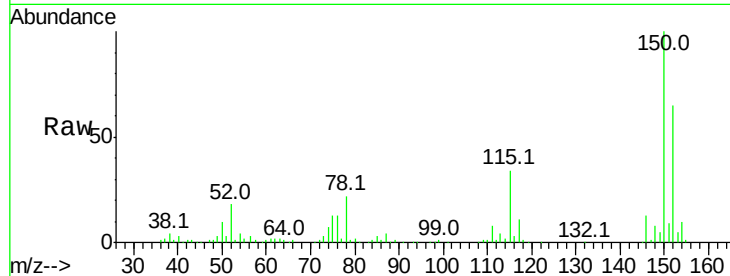
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

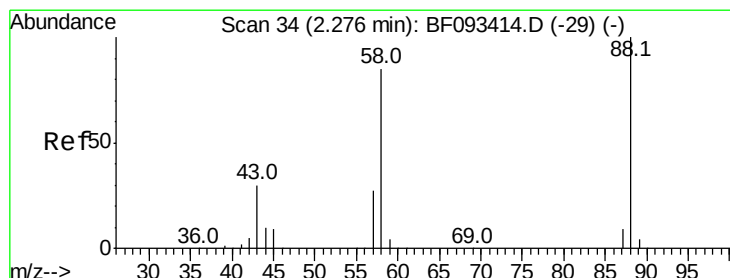
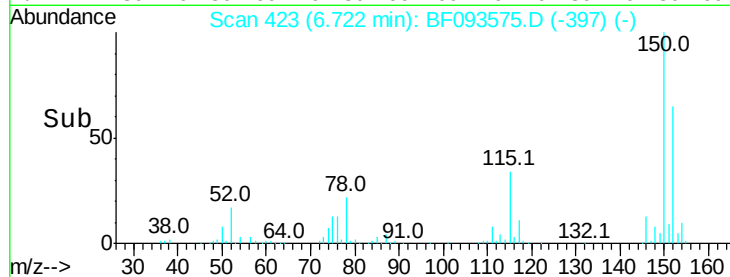
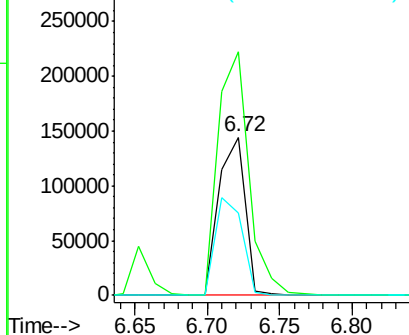
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.9	187.3
115	52.5	46.0	69.0

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

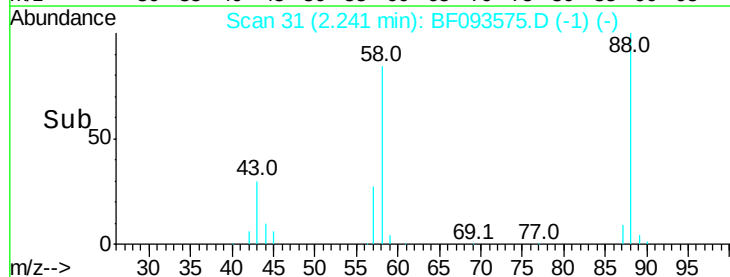
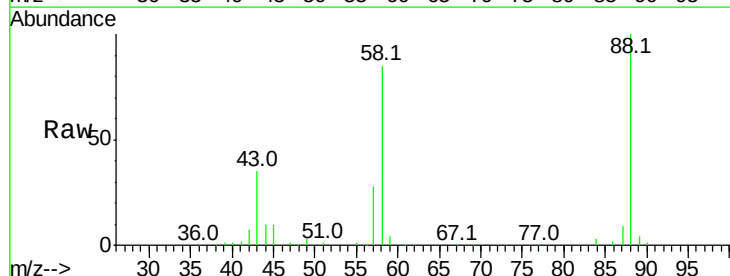
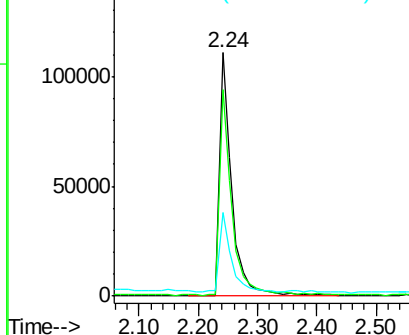


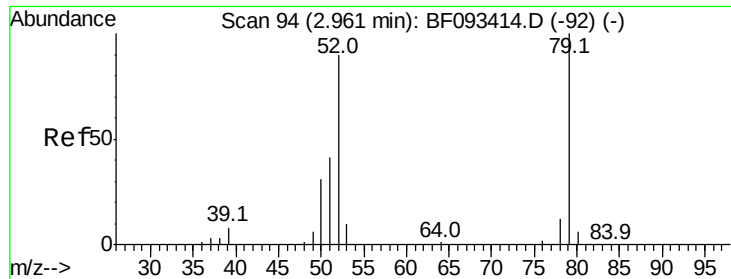
#2

1,4-Dioxane
Concen: 26.12 ng
RT: 2.24 min Scan# 31
Delta R.T. 0.06 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	57.8	86.8
43	30.9	22.3	33.5

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





#3

Pvridine

Concen: 27.32 ng/ml

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

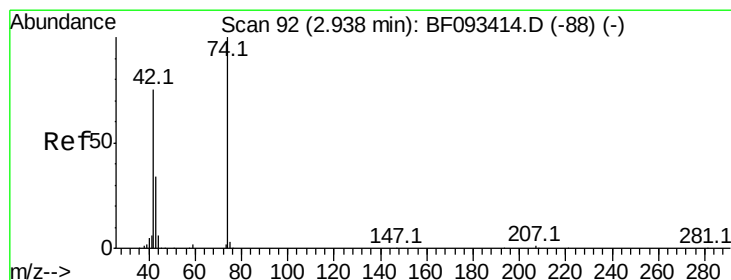
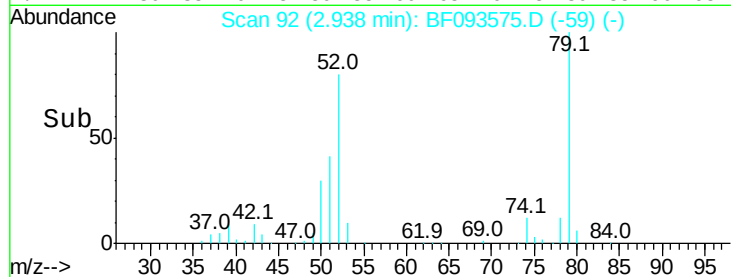
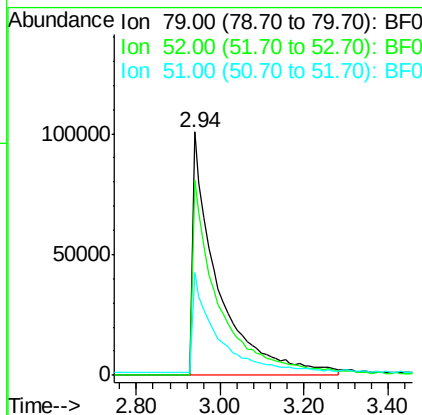
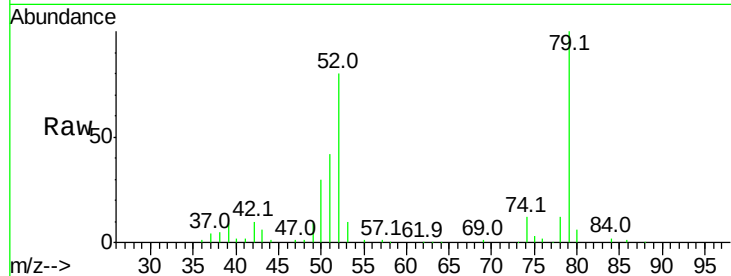
ClientSampleID :

E2-V4-BASEMSD

Tot Ion:	79	Resp:	420374
Ion Ratio	Lower	Upper	
79	100		
52	80.3	57.1	85.7
51	42.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 32.50 ng/ml

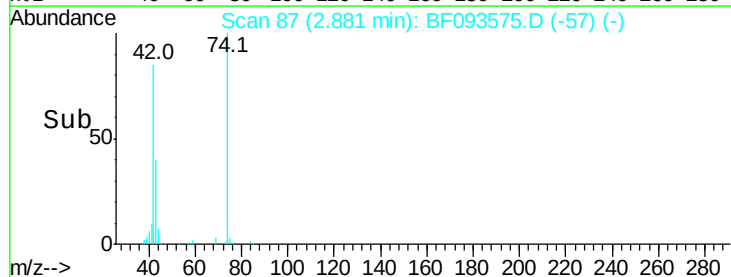
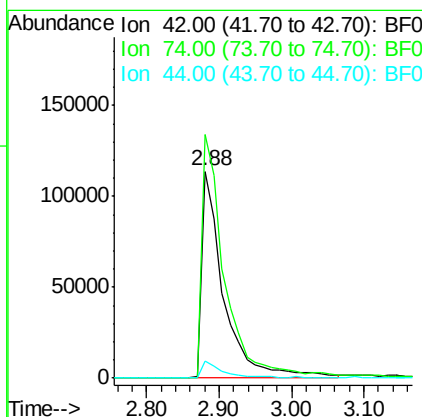
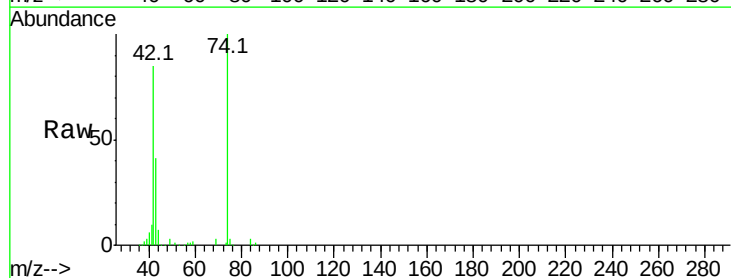
RT: 2.88 min Scan# 87

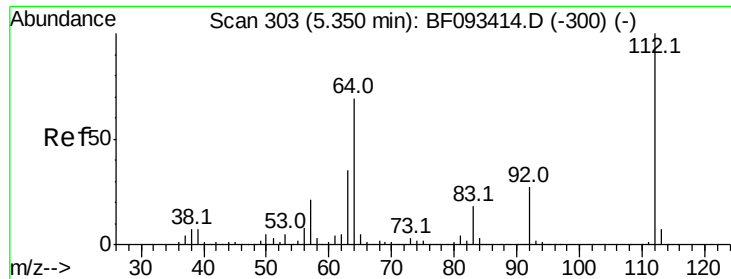
Delta R.T. 0.05 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	42	Resp:	238850
Ion Ratio	Lower	Upper	
42	100		
74	117.7	117.0	175.4
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 95.57 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMSD

Tot Ion: 112 Resp: 1047091

Ion Ratio Lower Upper

112 100

64 74.2 46.1 69.1#

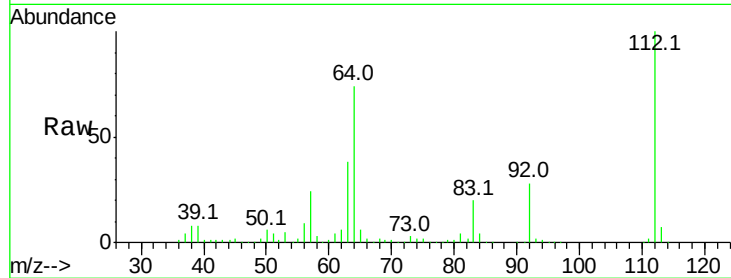
63 37.8 23.8 35.6#

Manual Integrations

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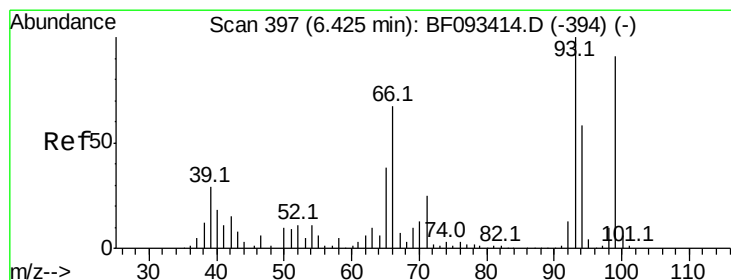
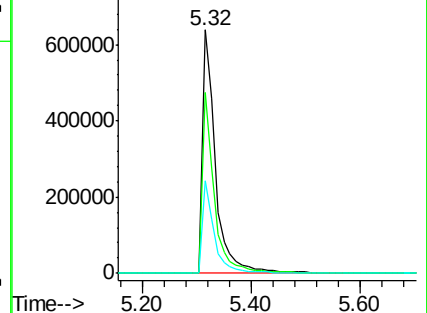
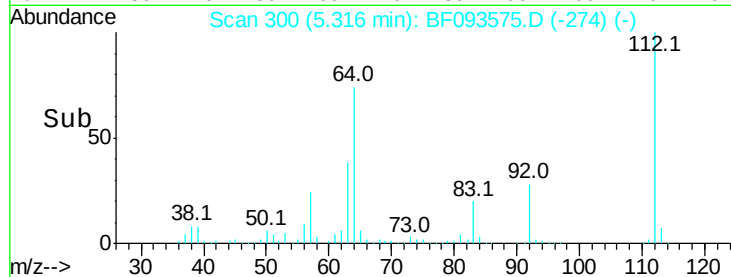
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.77 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

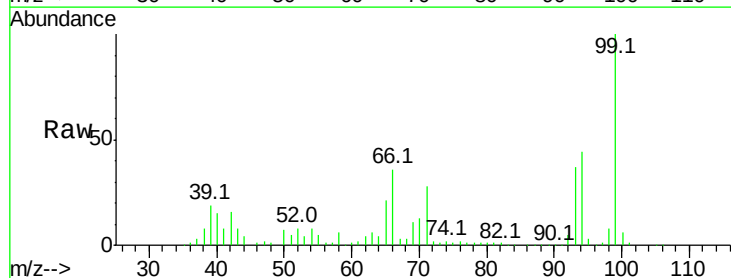
Tgt Ion: 93 Resp: 336854

Ion Ratio Lower Upper

93 100

66 97.0 76.2 114.2

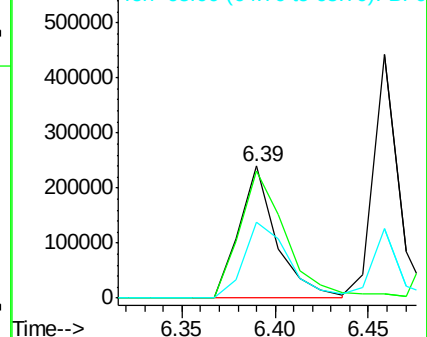
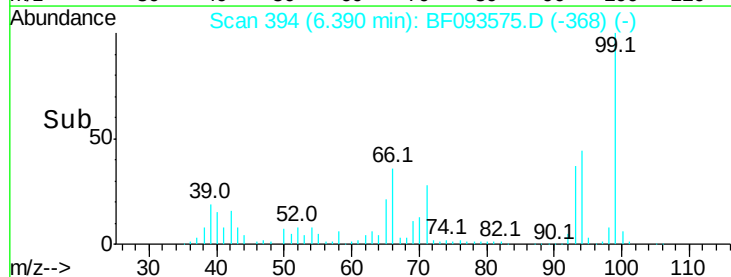
65 57.7 49.3 73.9

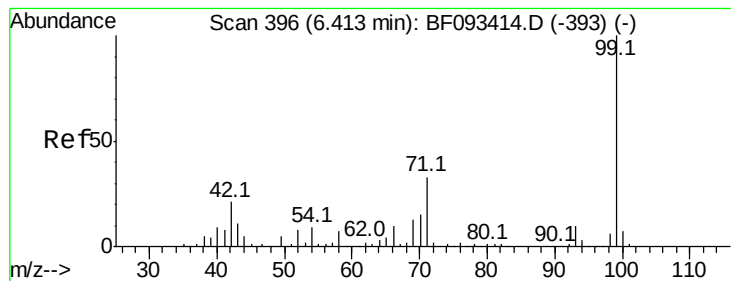


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.60 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMSD

Tot Ion: 99 Resp: 1237857

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

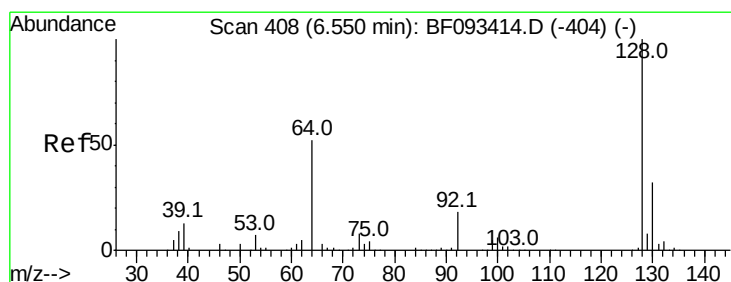
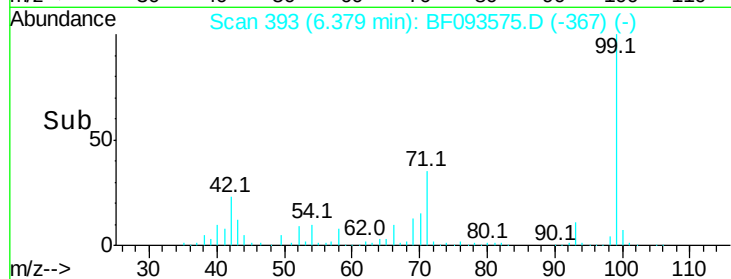
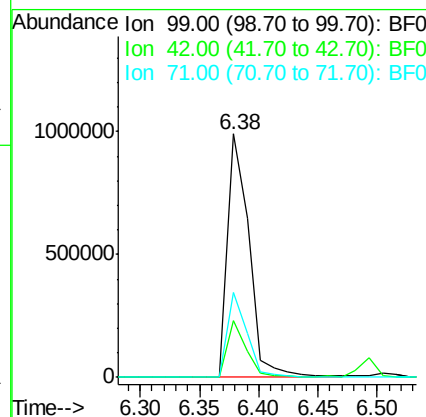
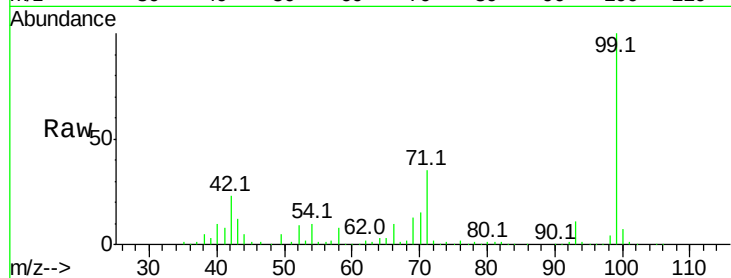
71 34.8 27.5 41.3

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#8

2-Chlorophenol

Concen: 30.75 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

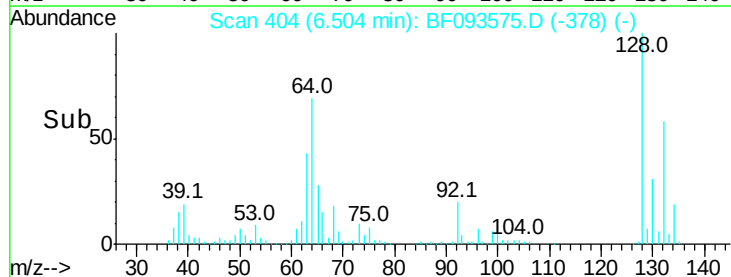
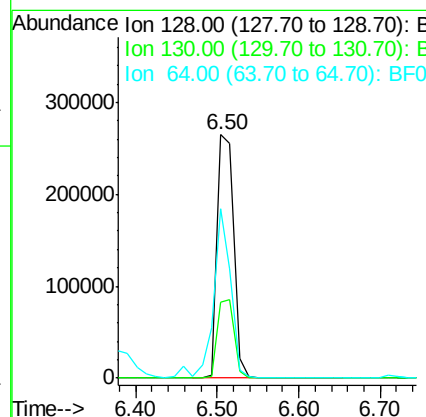
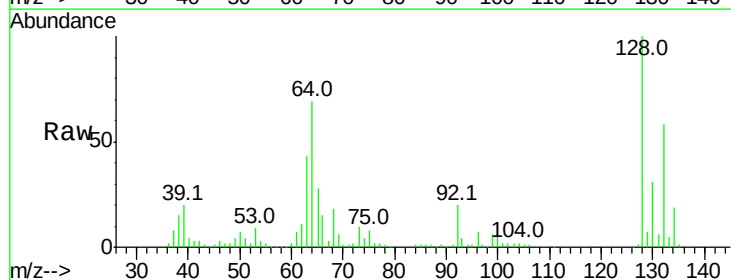
Tgt Ion: 128 Resp: 377495

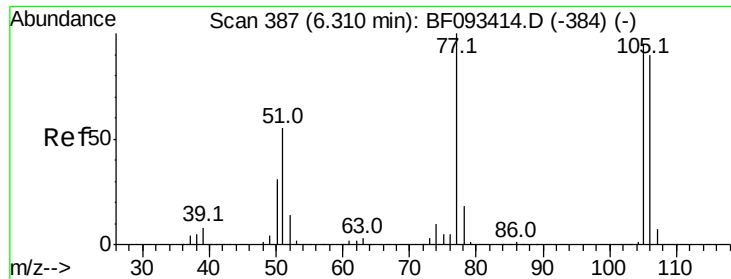
Ion Ratio Lower Upper

128 100

130 31.0 12.3 52.3

64 69.4 32.2 72.2





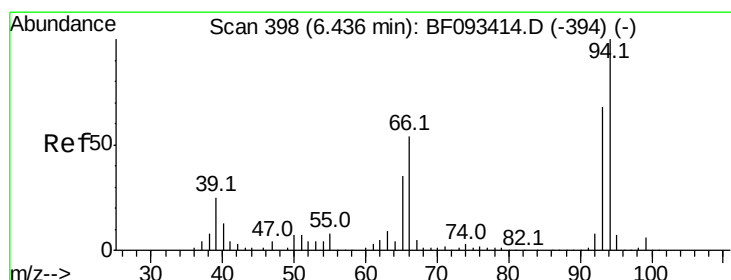
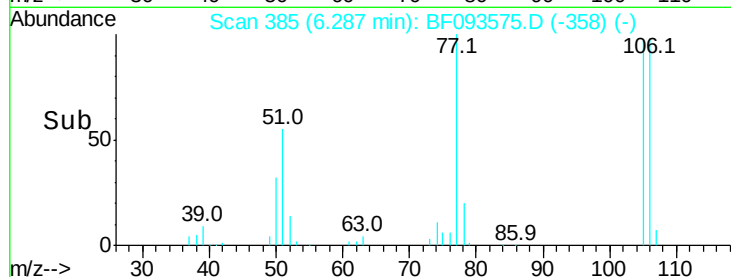
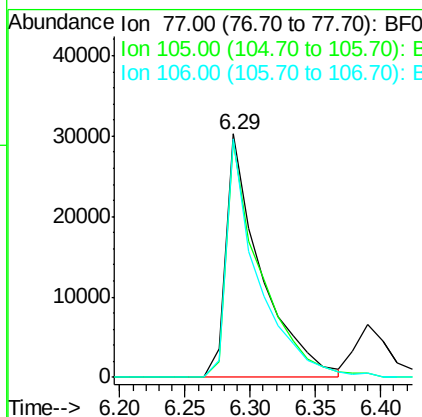
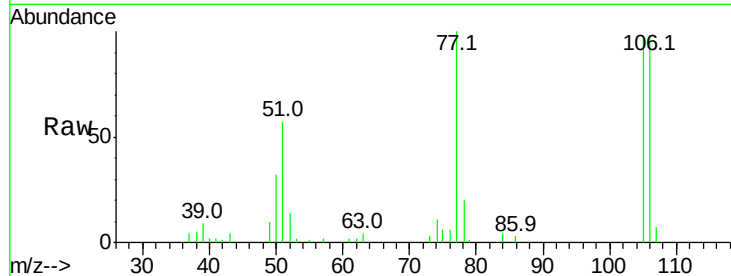
#9
Benzaldehyde
Concen: 4.56 ng
RT: 6.29 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
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E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.0	83.9	123.9
106	97.9	77.6	117.6

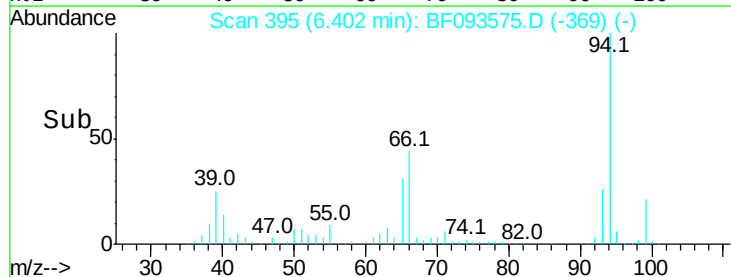
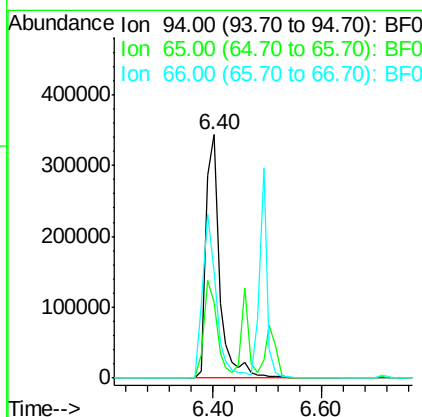
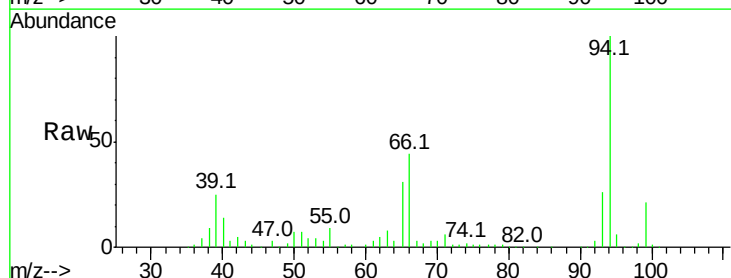
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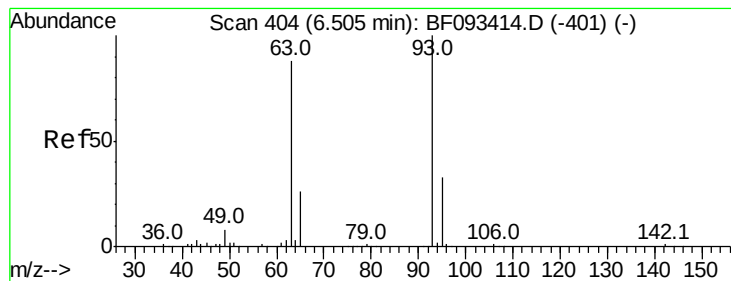
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#10
Phenol
Concen: 35.70 ng
RT: 6.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	21.4	61.4
66	43.9	44.0	84.0#





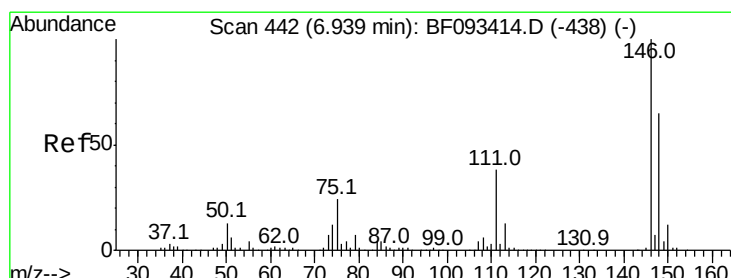
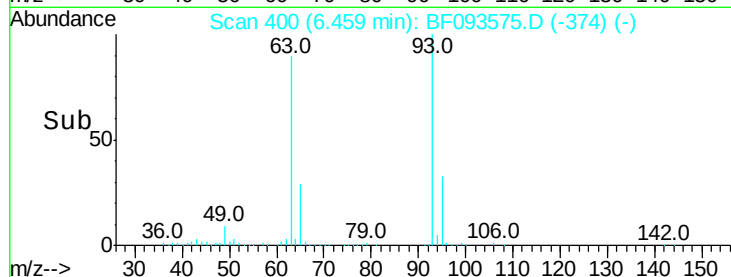
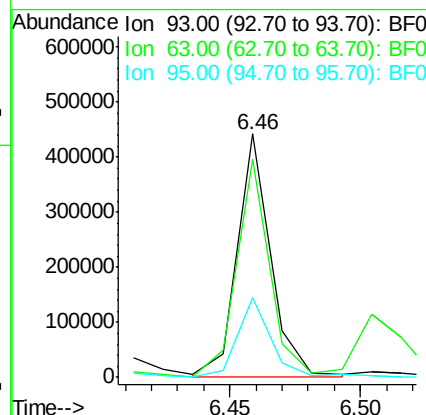
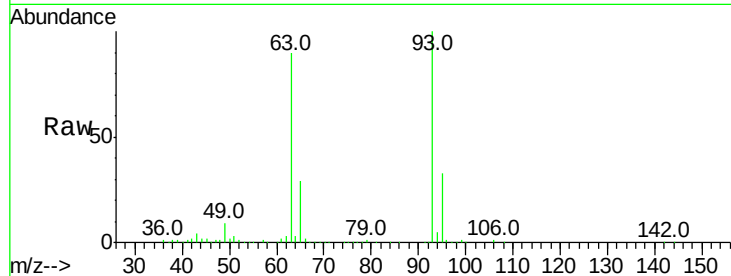
#11
bis(2-Chloroethyl)ether
Concen: 29.06 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	60.4	100.4
95	33.0	12.8	52.8

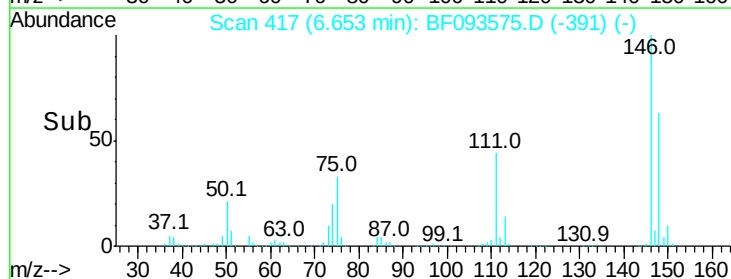
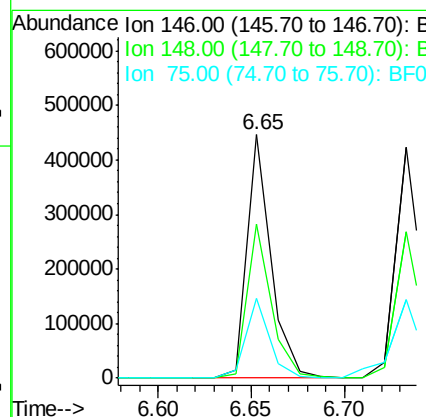
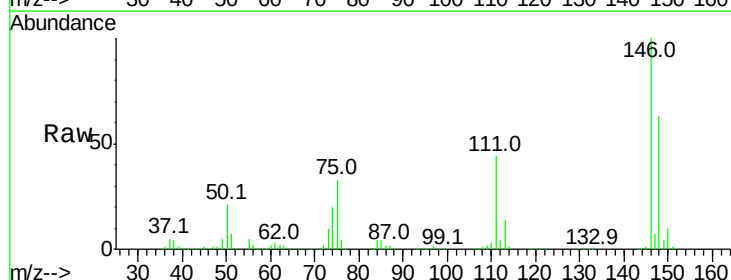
Manual Integrations
APPROVED

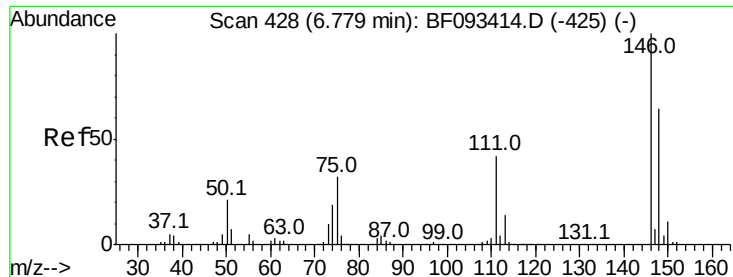
mohammad
3/15/2017 5:32:26 PM



#12
1,3-Dichlorobenzene
Concen: 28.56 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	32.6	18.5	27.7





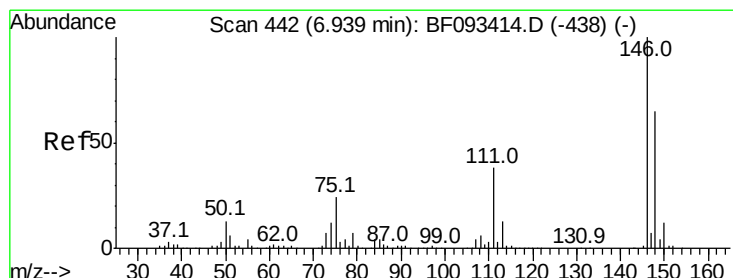
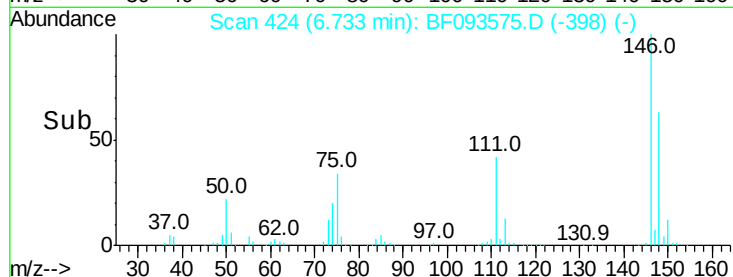
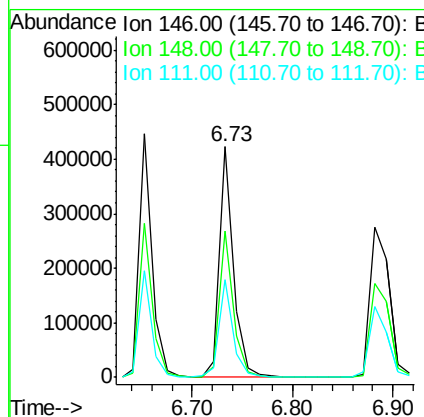
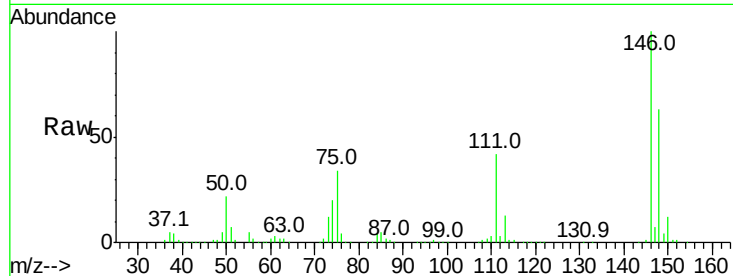
#13
1,4-Dichlorobenzene
Concen: 28.72 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	42.1	36.2	54.4

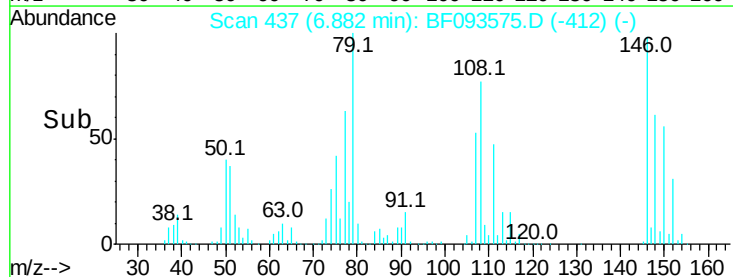
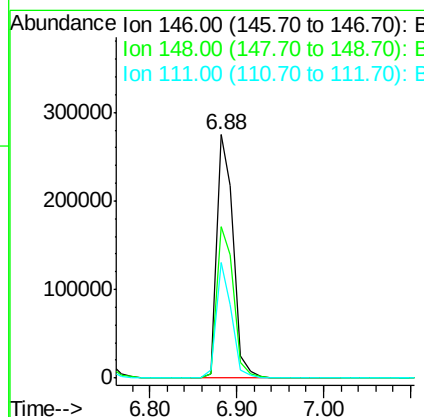
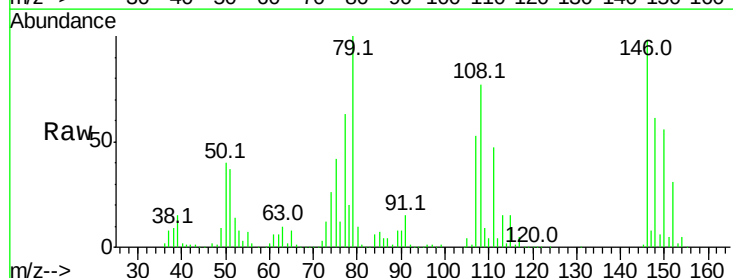
Manual Integrations
APPROVED

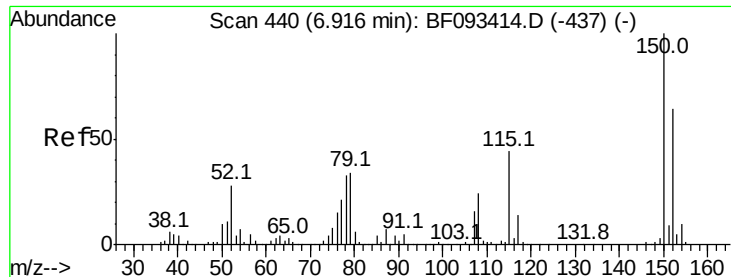
mohammad
3/15/2017 5:32:26 PM



#14
1,2-Dichlorobenzene
Concen: 28.74 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	47.5	36.2	54.2





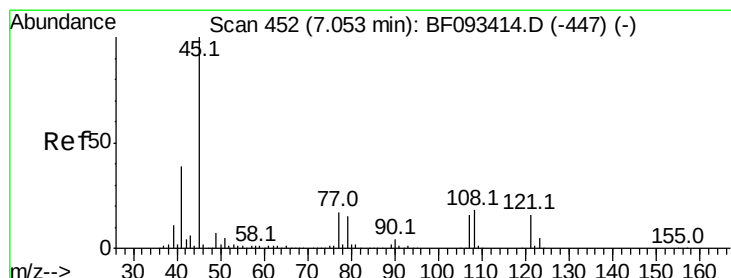
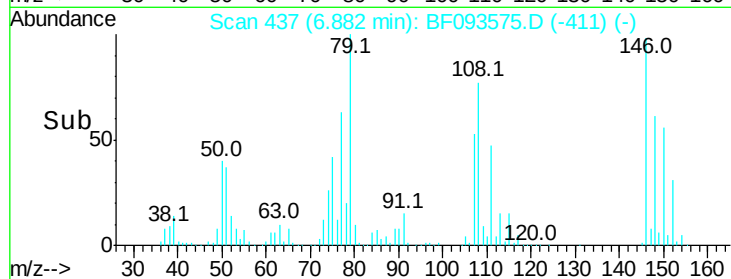
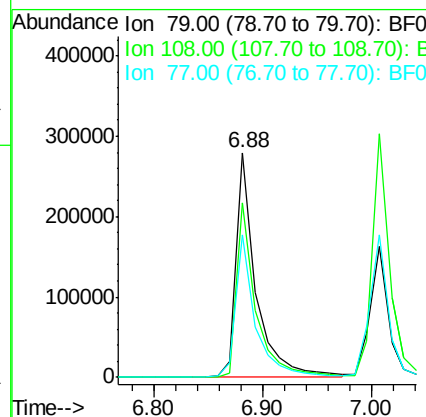
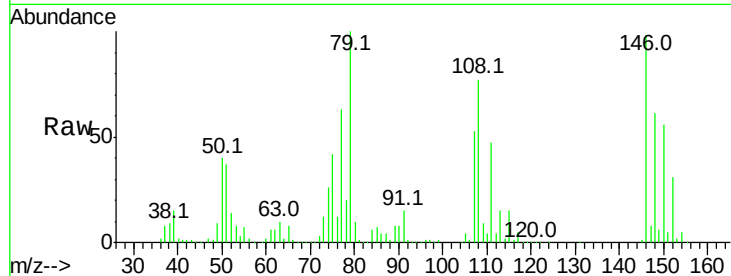
#15
Benzyl Alcohol
Concen: 35.71 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.3	61.4	92.0	
77	63.5	50.9	76.3	

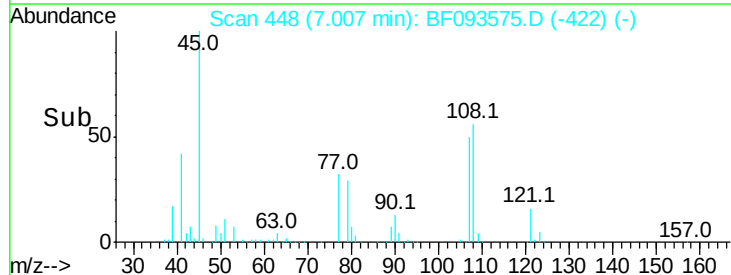
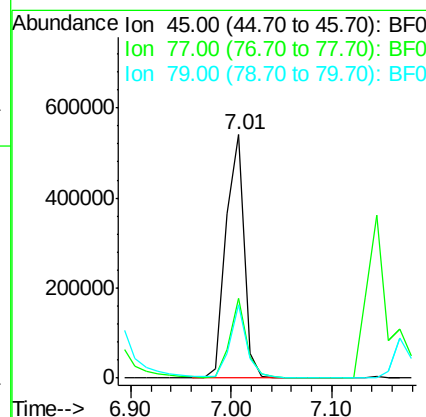
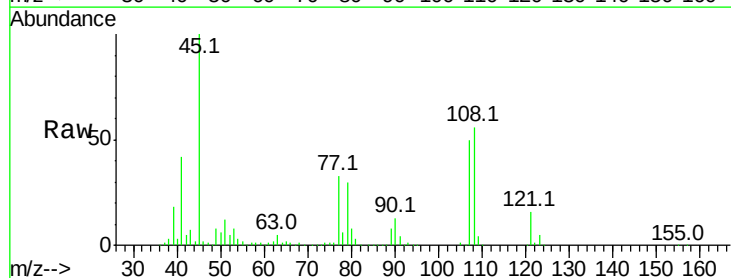
Manual Integrations
APPROVED

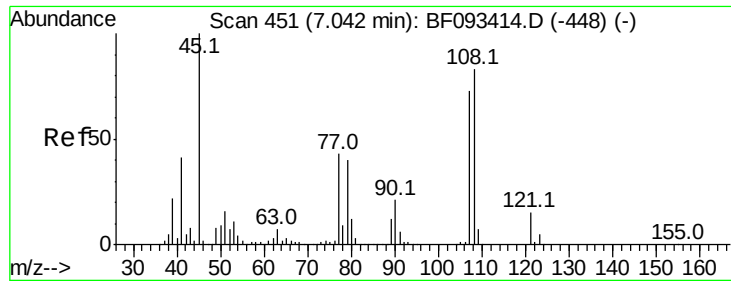
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.89 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.7	0.0	34.6	
79	30.2	0.0	31.2	





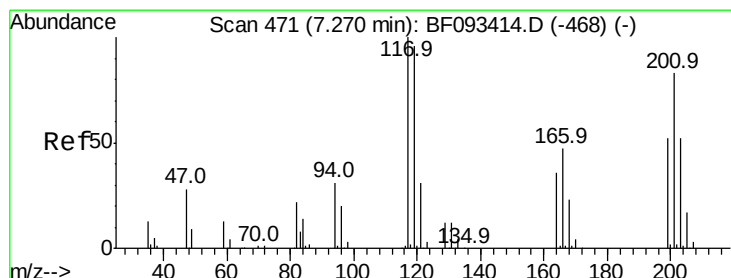
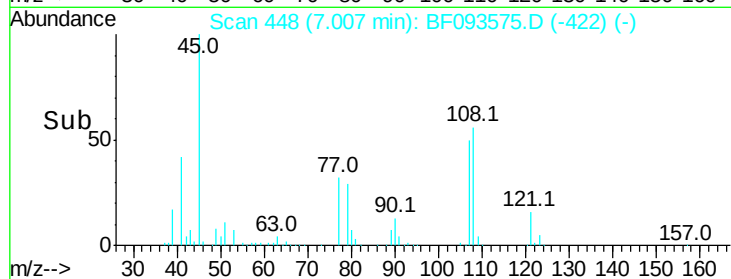
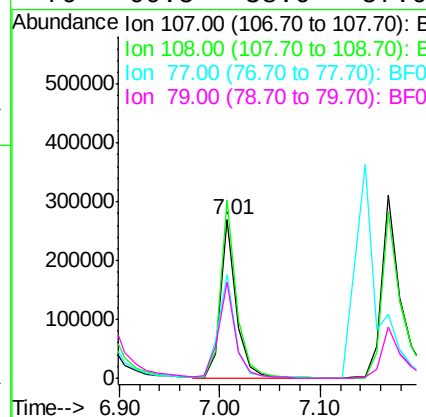
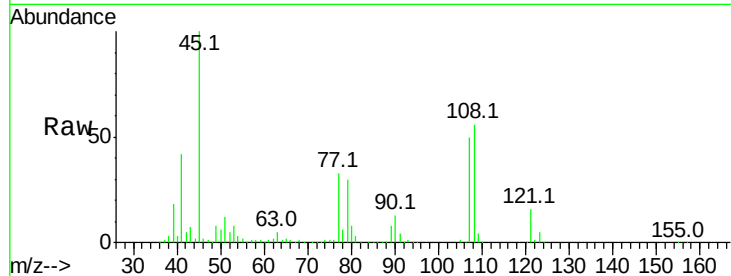
#17
2-Methylphenol
Concen: 28.21 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampled :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	292873		
108	112.3	93.0	139.6	
77	65.5	39.8	59.8	
79	60.5	38.0	57.0	

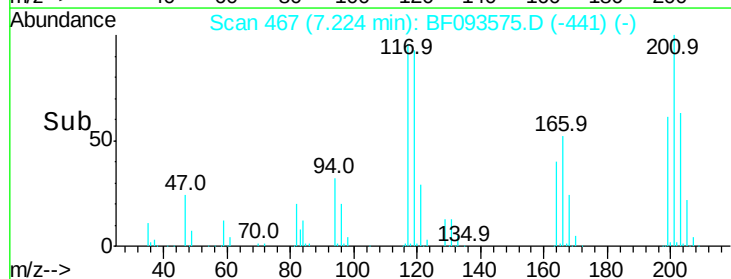
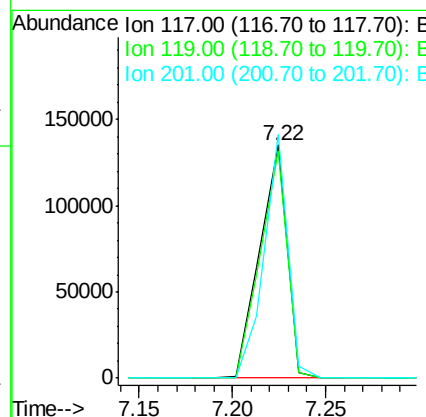
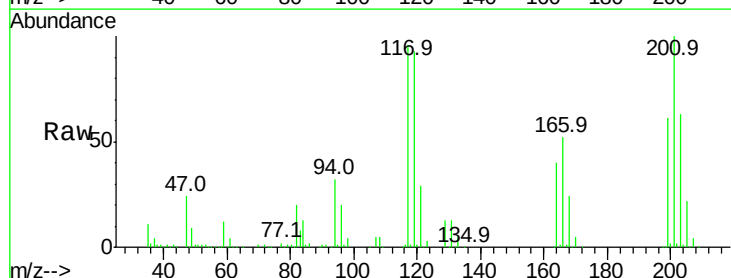
Manual Integrations
APPROVED

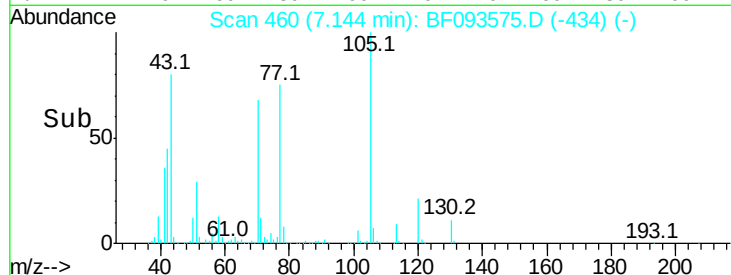
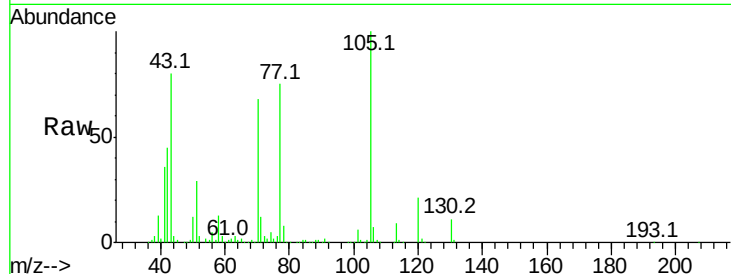
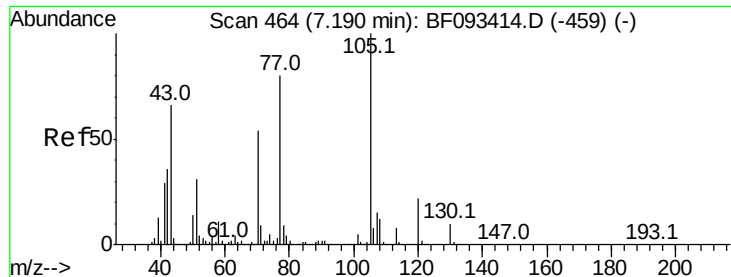
mohammad
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#18
Hexachloroethane
Concen: 28.79 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139670		
119	97.2	78.1	117.1	
201	104.5	78.6	117.8	





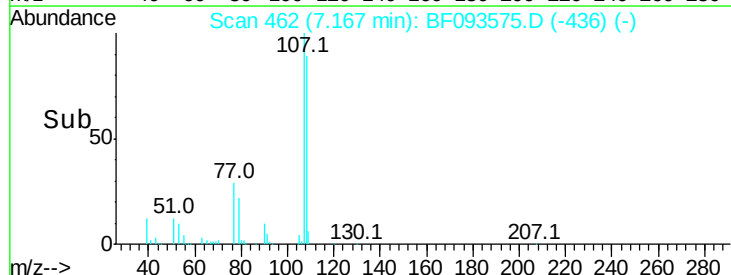
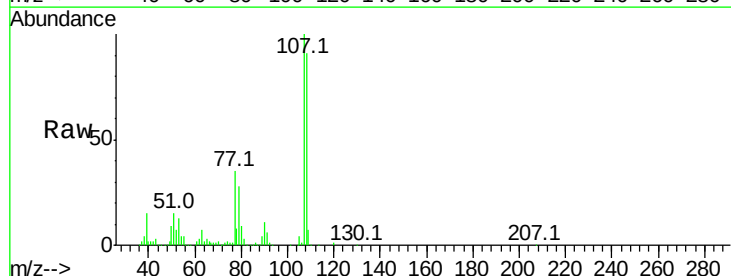
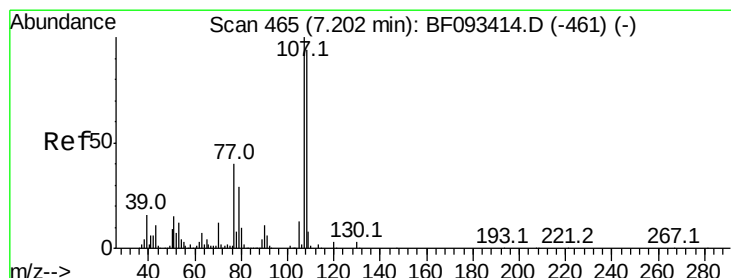
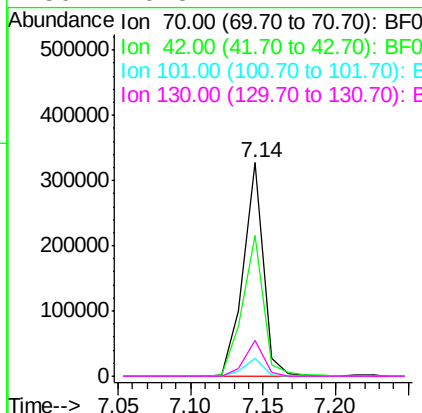
#19
n-Nitroso-di-n-propylamine
Concen: 33.47 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	49.4	74.0
101	8.7	7.4	11.2
130	16.8	14.2	21.4

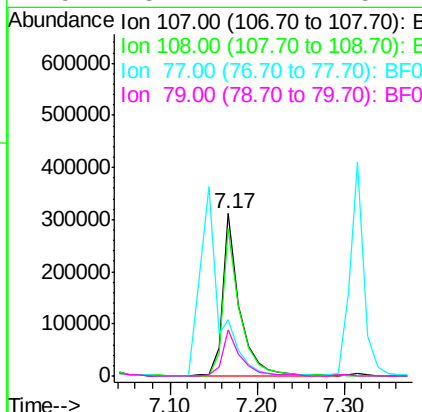
Manual Integrations
APPROVED

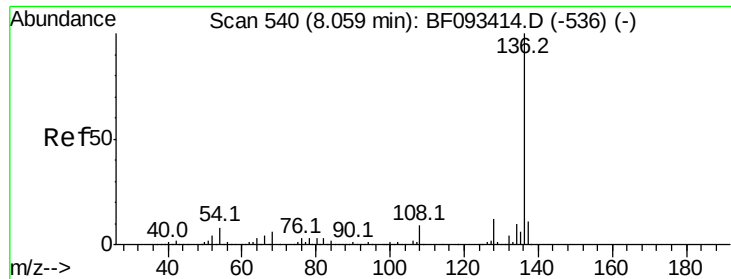
mohammad
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#20
3+4-Methylphenols
Concen: 31.06 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.0	113.0
77	34.8	71.3	111.3
79	28.2	11.1	51.1





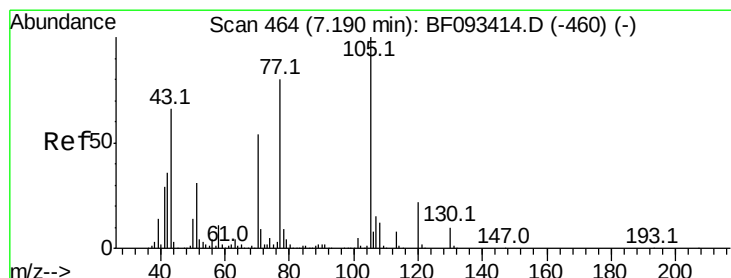
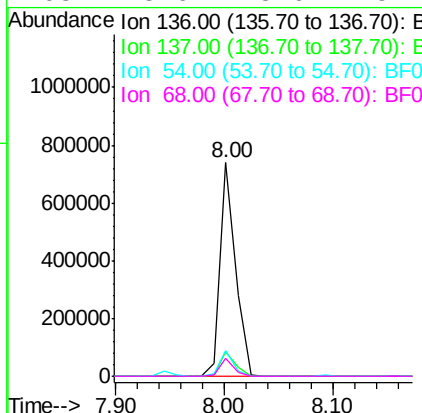
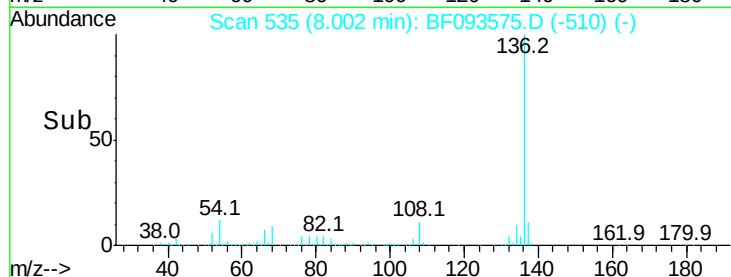
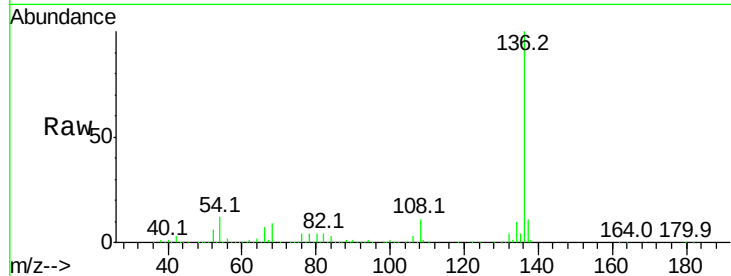
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	12.1	4.5	6.7#	
68	8.6	3.6	5.4#	

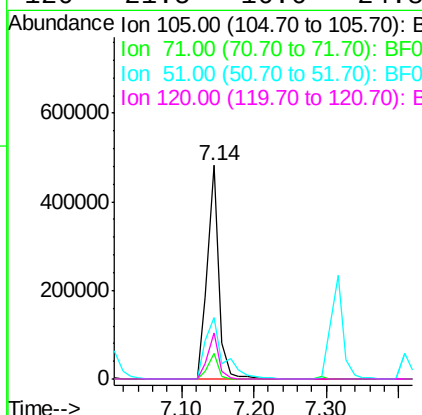
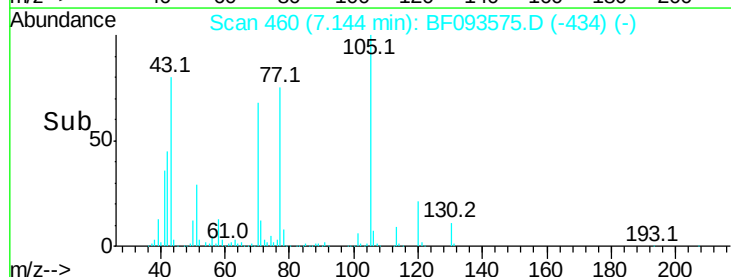
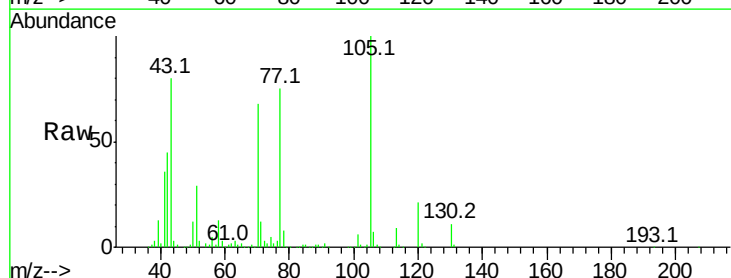
Manual Integrations
APPROVED

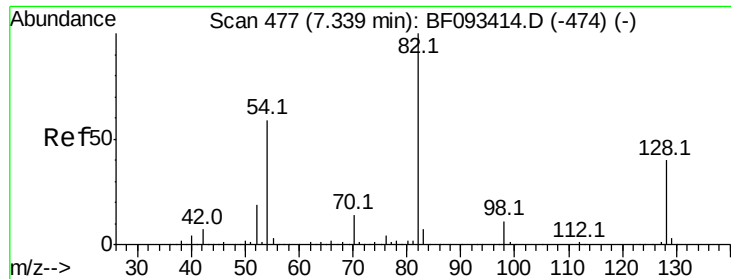
mohammad
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#22
Acetophenone
Concen: 30.09 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.0	3.2	4.8#	
51	28.7	26.2	39.4	
120	21.5	16.6	24.8	





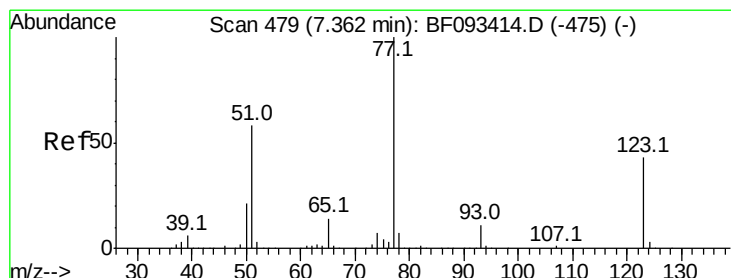
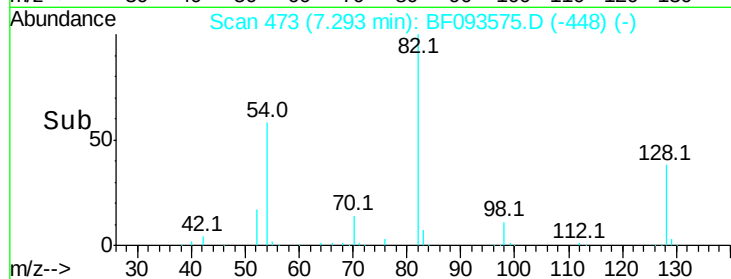
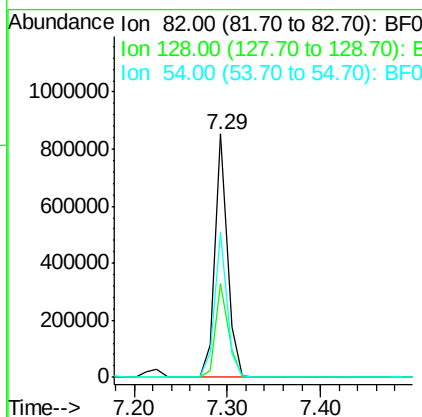
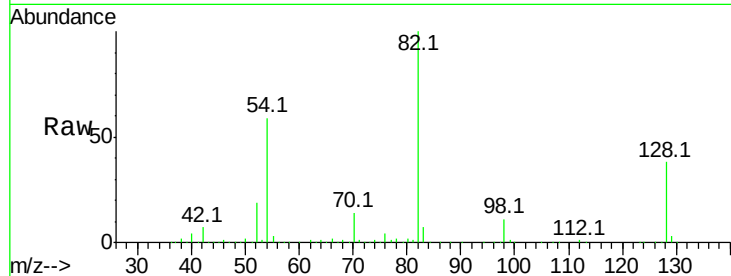
#23
 Nitrobenzene-d5
 Concen: 60.18 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion:	82	Resp:	796904
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.6	52.0
54	59.4	39.5	59.3#

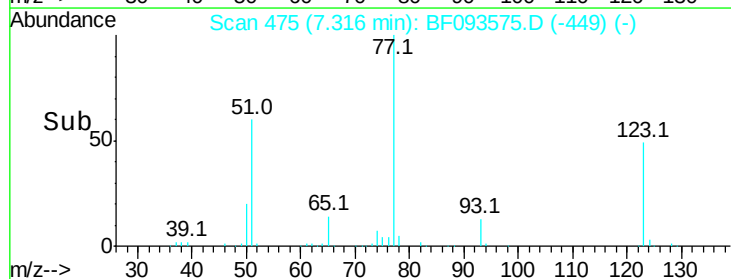
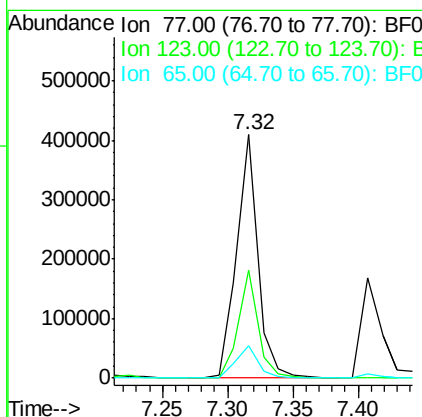
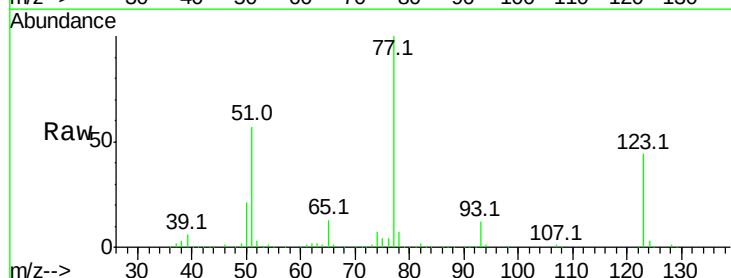
Manual Integrations
 APPROVED

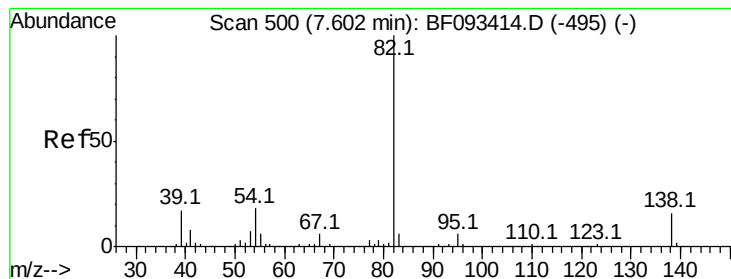
mohammad
 3/15/2017 5:32:26 PM



#24
 Nitrobenzene
 Concen: 30.90 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion:	77	Resp:	459898
Ion Ratio	Lower	Upper	
77	100		
123	44.2	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 30.50 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

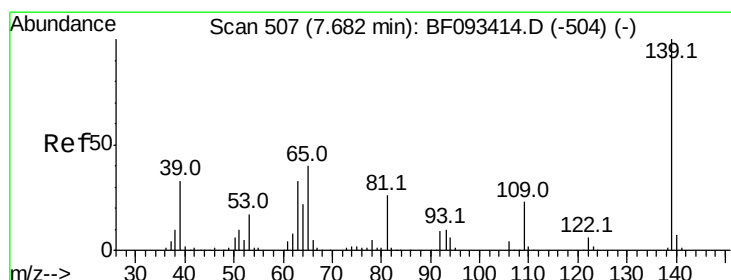
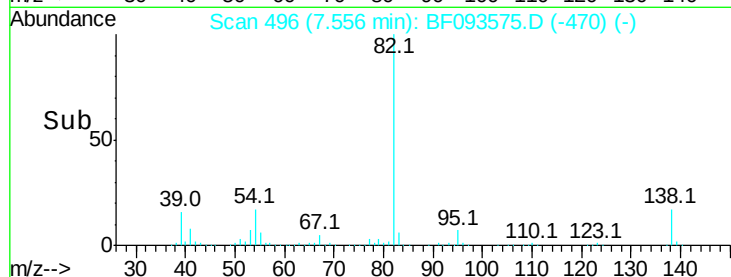
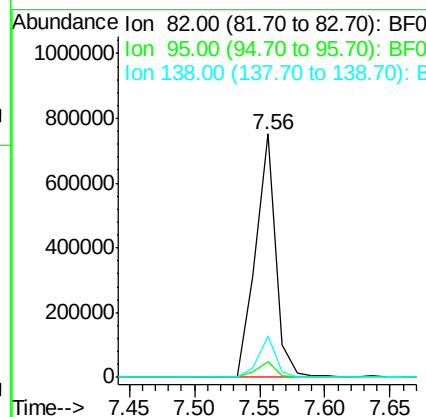
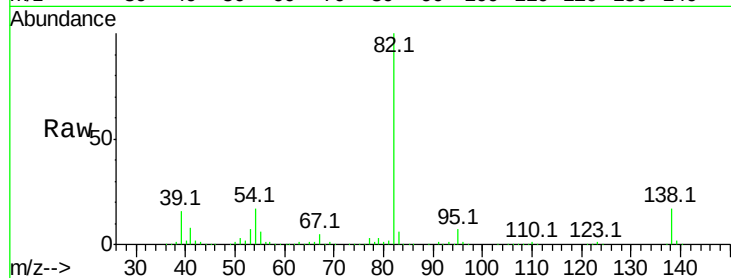
ClientSampleId :

E2-V4-BASEMSD

Tot Ion:	82	Resp:	814449
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	16.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.24 ng

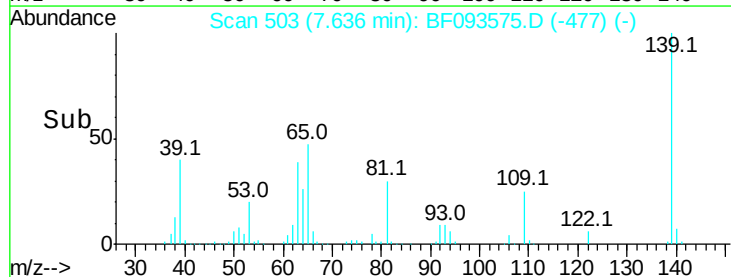
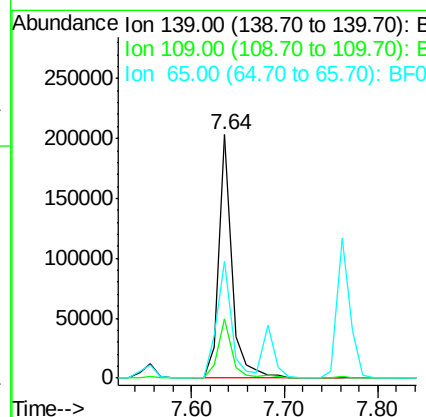
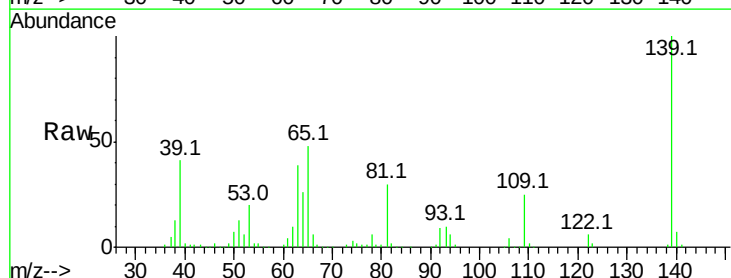
RT: 7.64 min Scan# 503

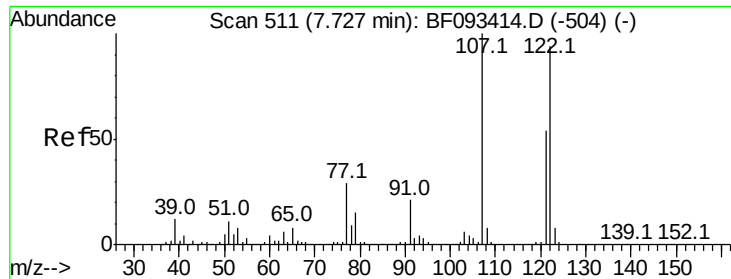
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	139	Resp:	198571
Ion Ratio	Lower	Upper	
139	100		
109	24.6	23.3	34.9
65	48.2	42.7	64.1





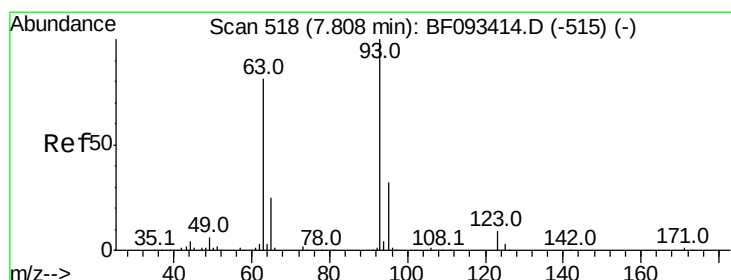
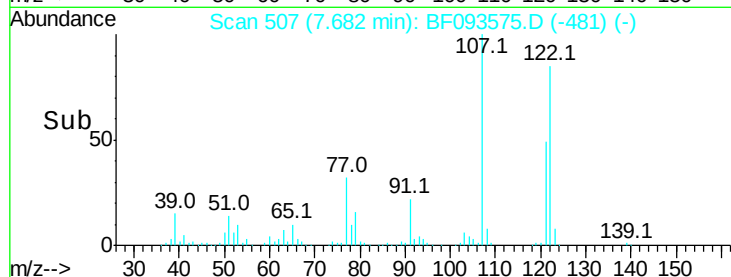
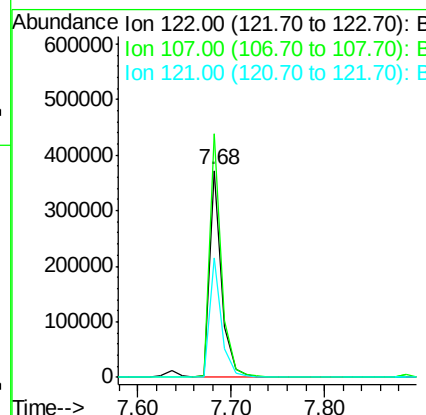
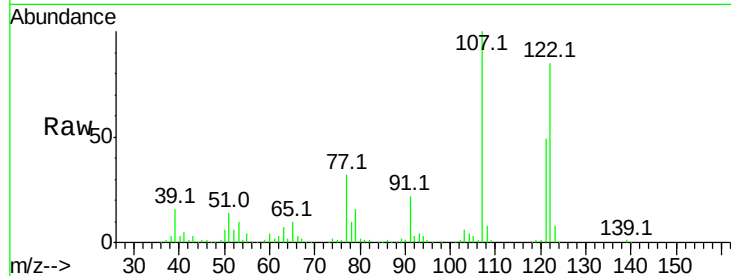
#27
 2,4-Dimethylphenol
 Concen: 30.42 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	94.1	141.1
121	57.9	46.0	69.0

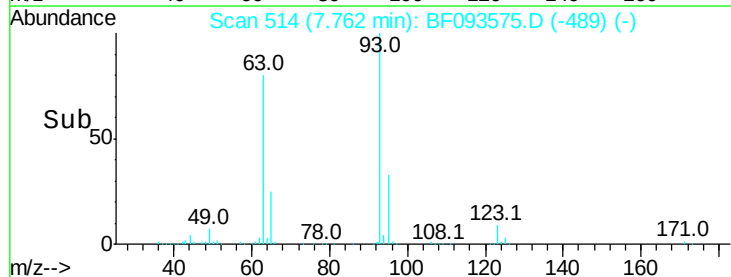
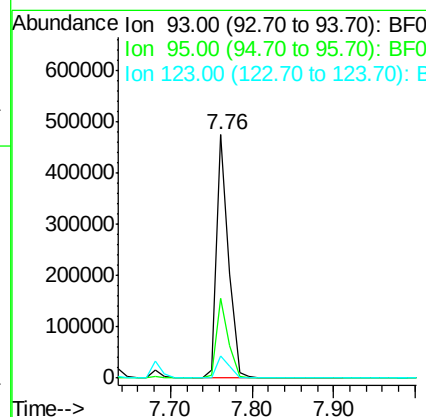
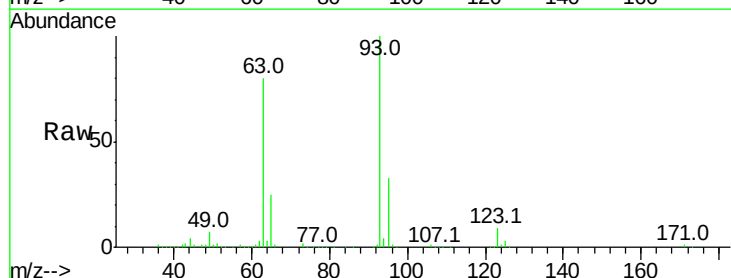
Manual Integrations
 APPROVED

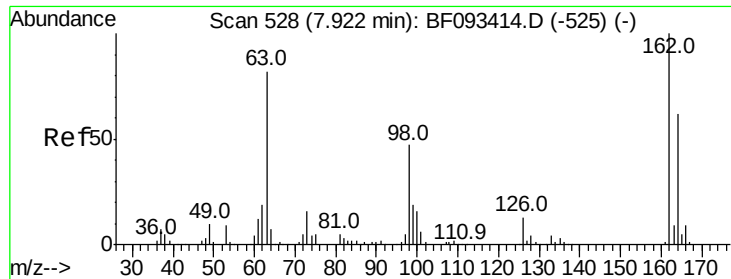
mohammad
 3/15/2017 5:32:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.06 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	9.1	8.6	13.0





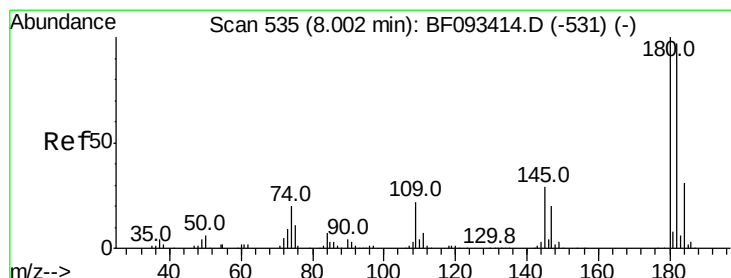
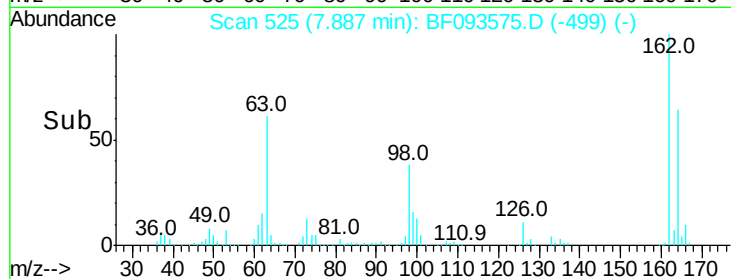
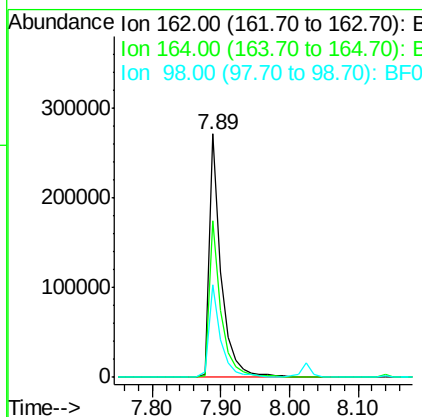
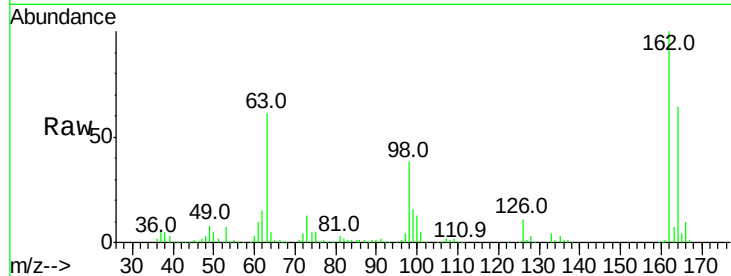
#29
 2,4-Dichlorophenol
 Concen: 31.74 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	329843		
164	64.1	46.8	86.8	
98	37.8	9.1	49.1	

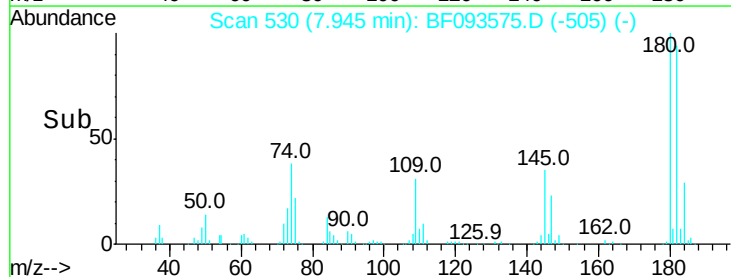
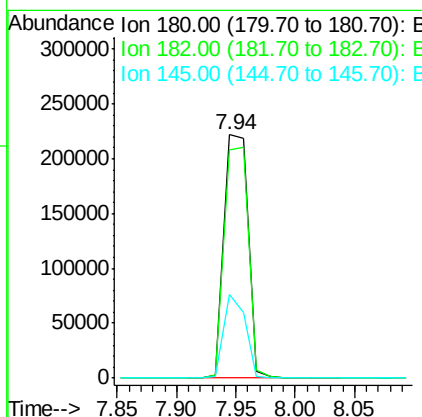
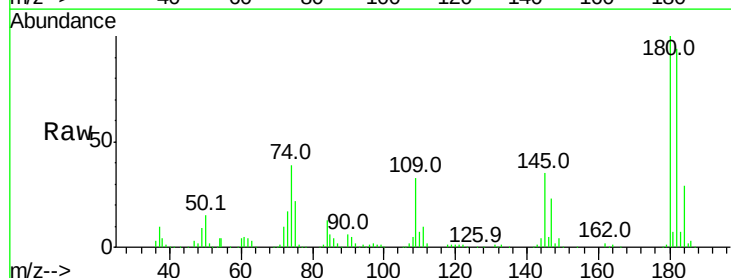
Manual Integrations
 APPROVED

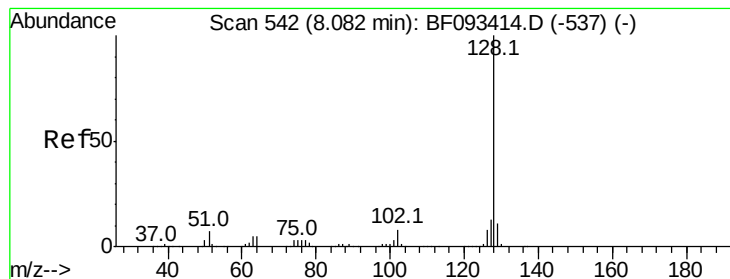
mohammad
 3/15/2017 5:32:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 28.01 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	309561		
182	94.0	78.2	117.4	
145	34.5	21.6	32.4	





#31

Naphthalene

Concen: 27.96 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMSD

Tot Ion:128 Resp: 1029377

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

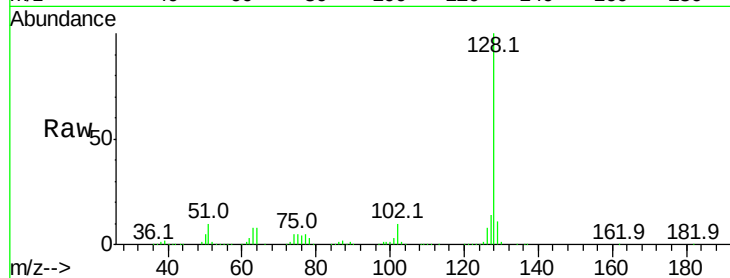
127 13.7 10.8 16.2

Manual Integrations

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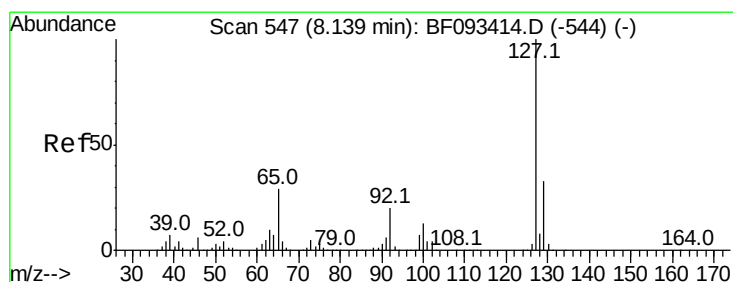
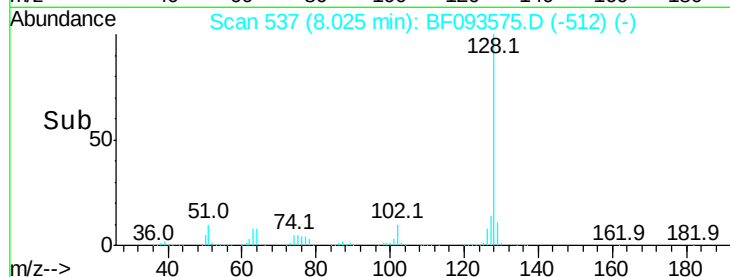
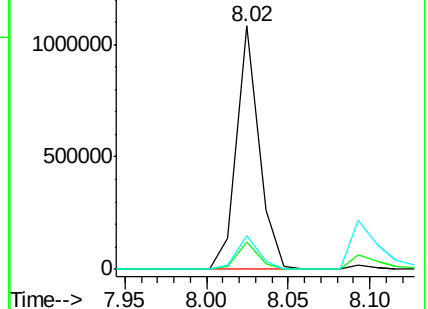
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 19.65 ng

RT: 8.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:127 Resp: 293626

Ion Ratio Lower Upper

127 100

129 30.3 26.3 39.5

65 39.2 25.8 38.8#

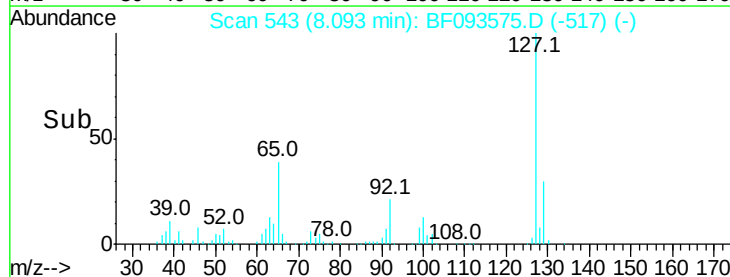
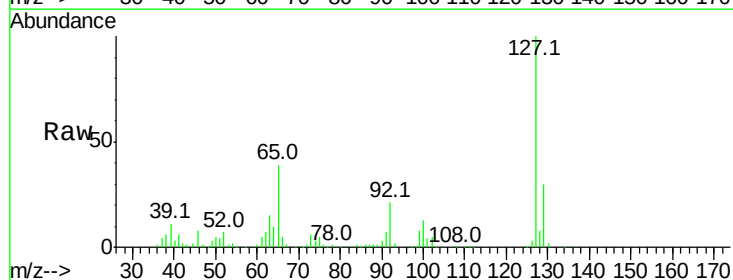
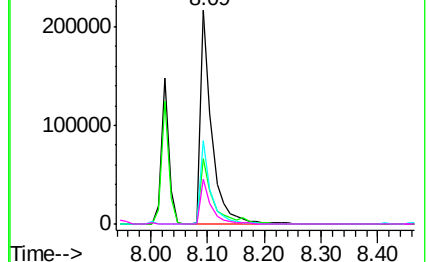
92 21.3 16.1 24.1

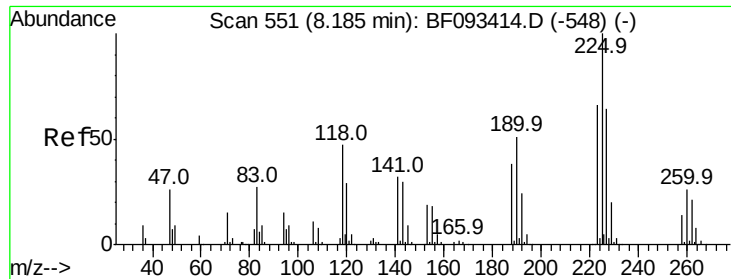
Abundance Ion 127.00 (126.70 to 127.70): E

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: 27.61 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

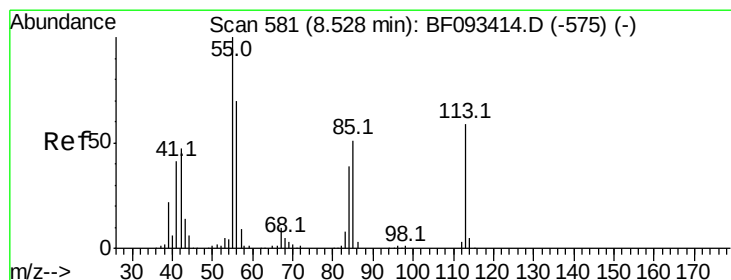
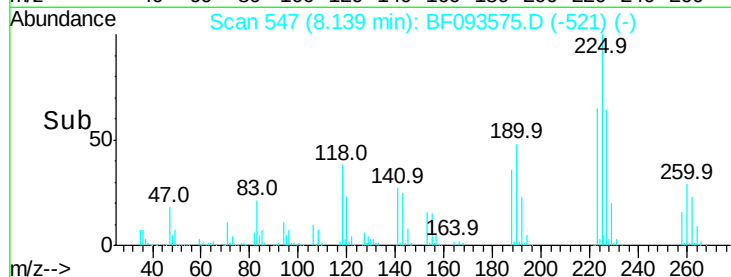
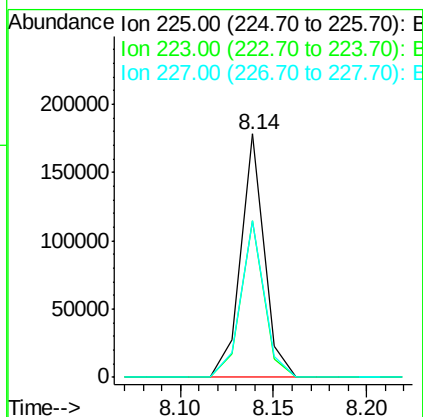
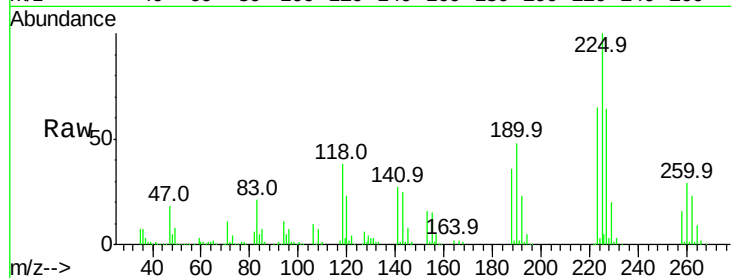
ClientSampleId :

E2-V4-BASEMSD

Tot Ion:	225	Resp:	157178
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.0	76.6
227	64.5	50.6	76.0

Manual Integrations
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#35

Caprolactam

Concen: 29.98 ng

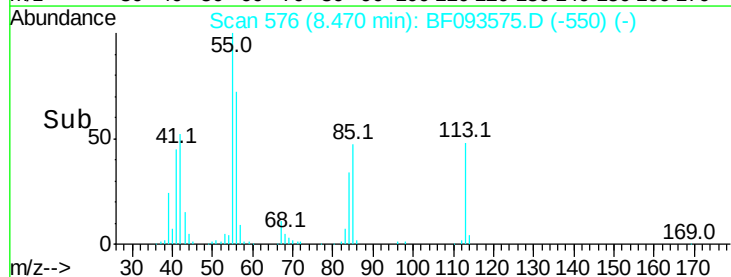
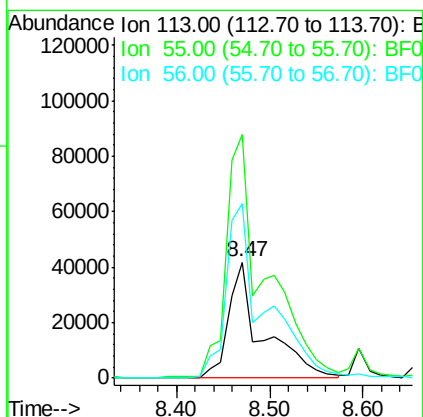
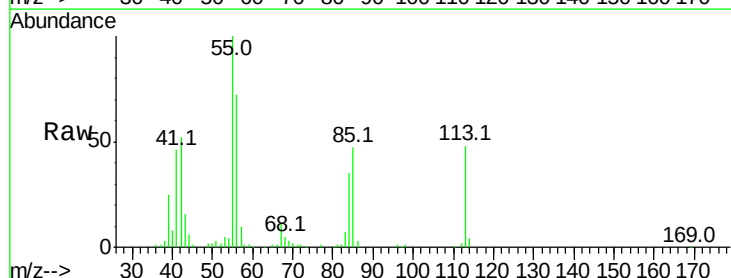
RT: 8.47 min Scan# 576

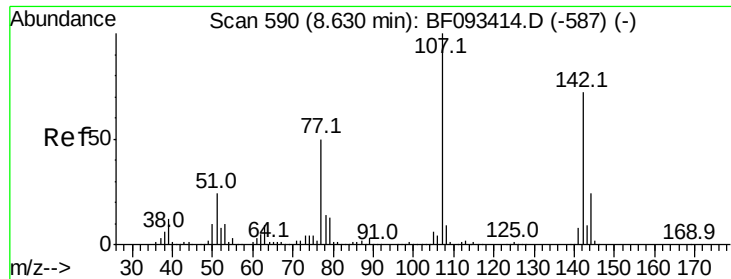
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	113	Resp:	106396
Ion Ratio	Lower	Upper	
113	100		
55	209.8	119.2	159.2#
56	150.6	83.8	123.8#





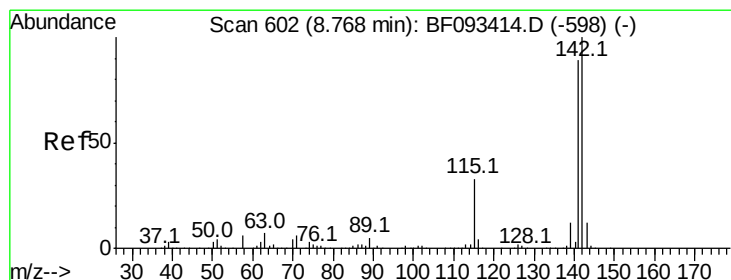
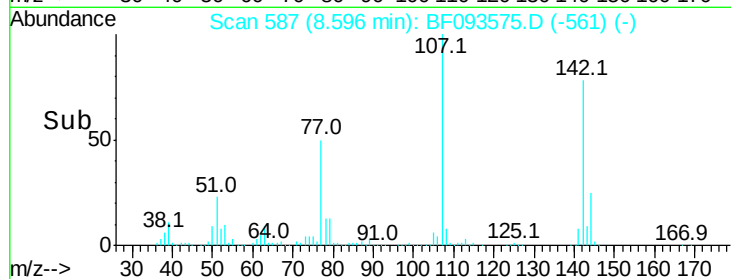
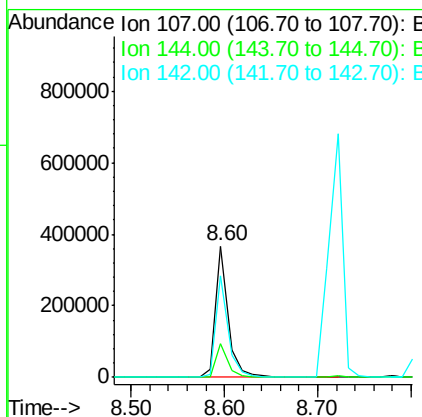
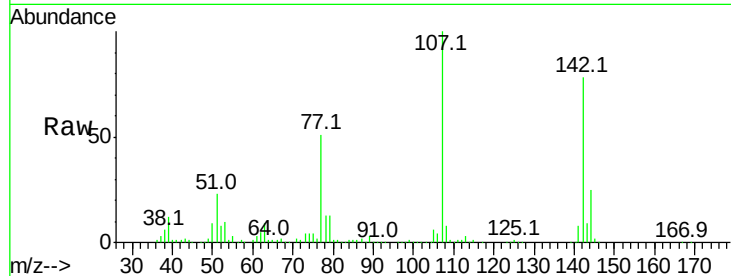
#36
 4-Chloro-3-methylphenol
 Concen: 31.06 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	344467		
144	25.4	19.3	28.9	
142	77.7	59.0	88.6	

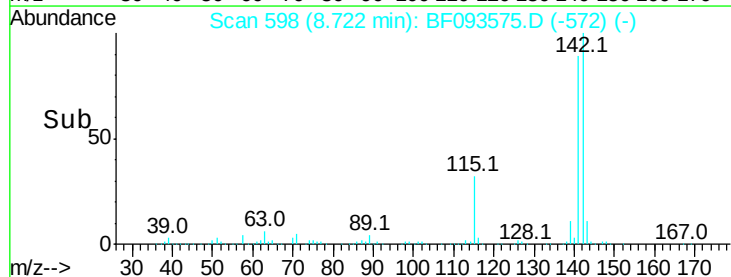
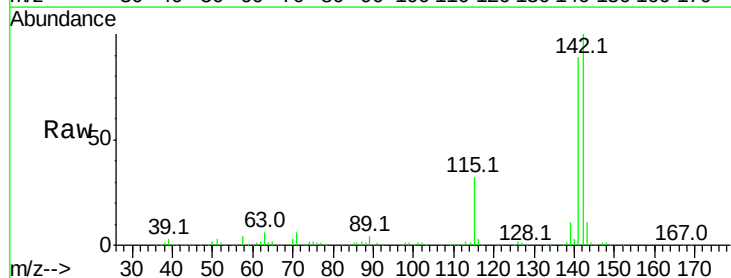
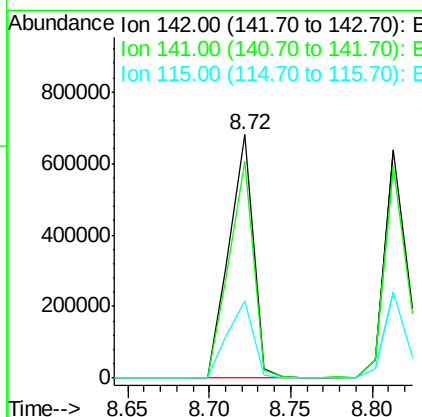
Manual Integrations
 APPROVED

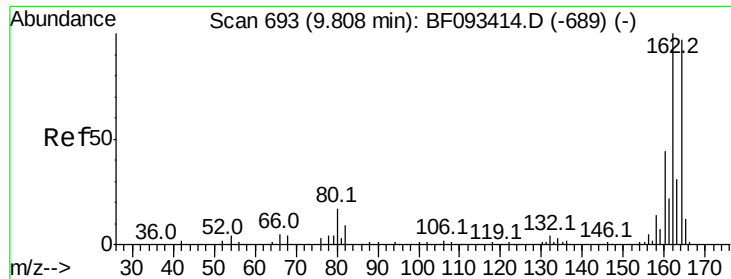
mohammad
 3/15/2017 5:32:26 PM



#37
 2-Methylnaphthalene
 Concen: 29.96 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	701962		
141	89.1	71.0	106.6	
115	32.0	28.3	42.5	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

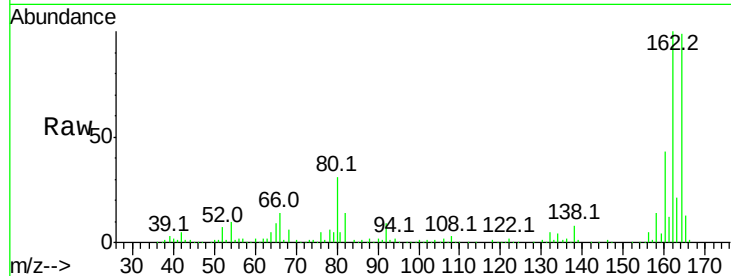
ClientSampleId :

E2-V4-BASEMSD

Tot Ion:	164	Resp:	350475
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.2	120.2
160	43.9	36.9	55.3

Manual Integrations
APPROVED

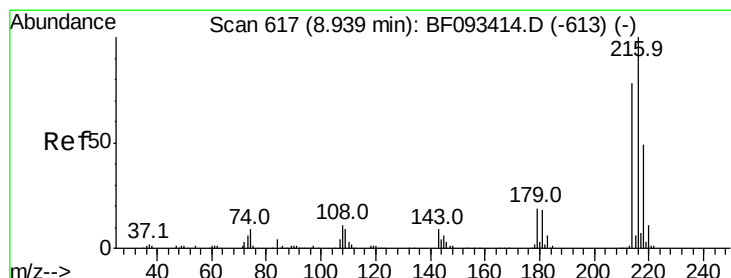
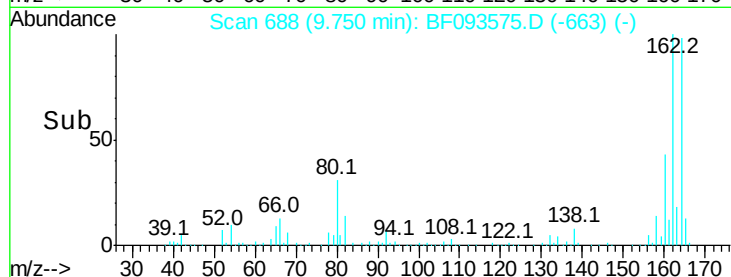
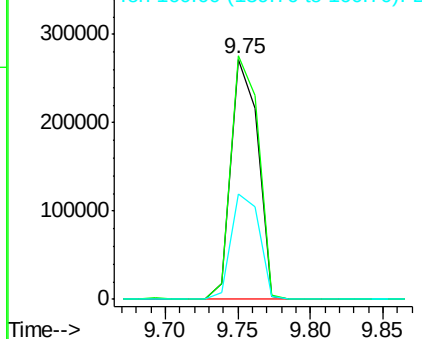
mohammad
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.76 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

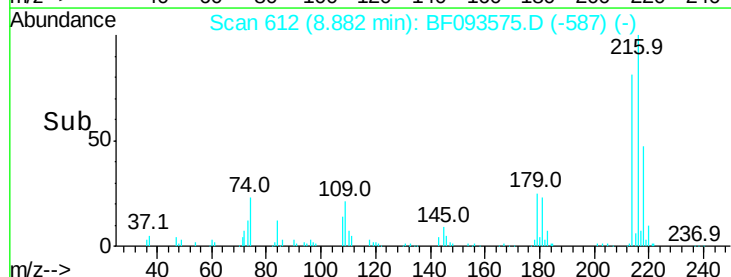
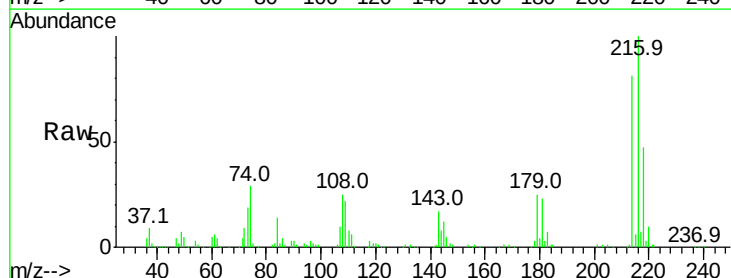
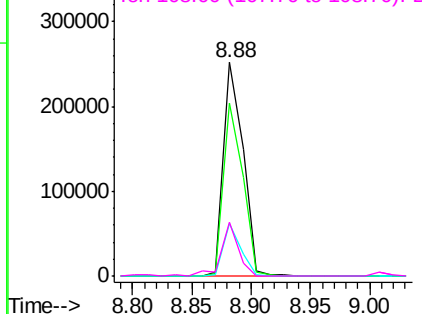
Tgt Ion:	216	Resp:	284819
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.4	95.0
179	22.1	17.4	26.2
108	22.2	15.6	23.4

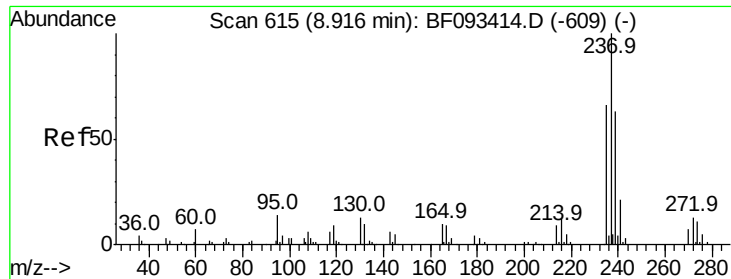
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





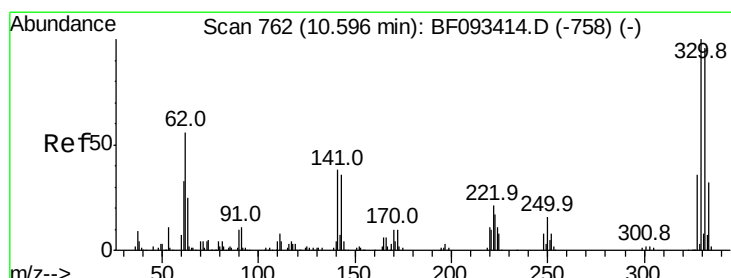
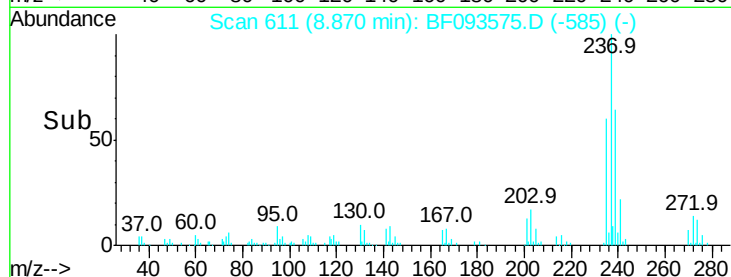
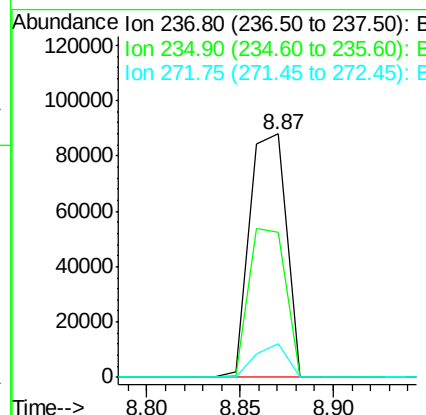
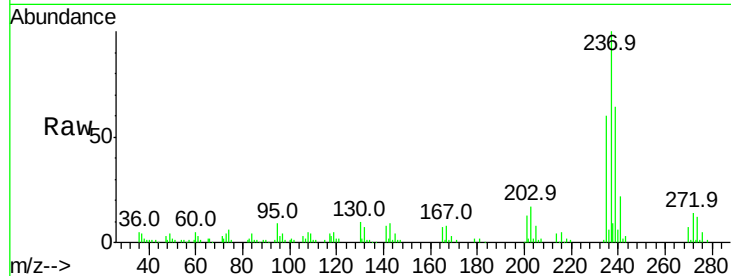
#40
Hexachlorocyclopentadiene
Concen: 54.19 ng
RT: 8.87 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.6	41.2	81.2	
272	13.9	0.0	35.4	

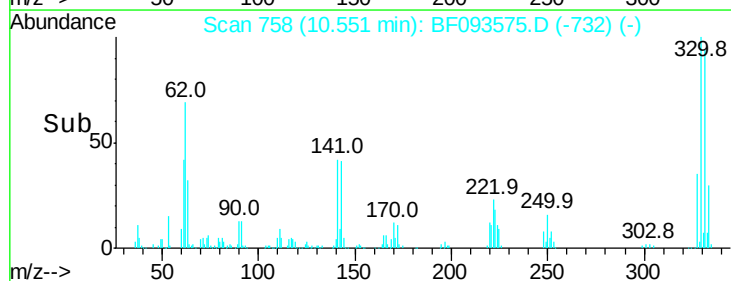
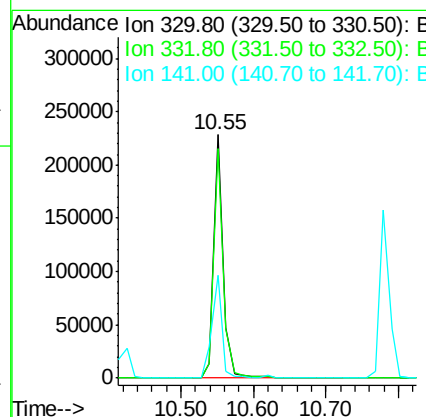
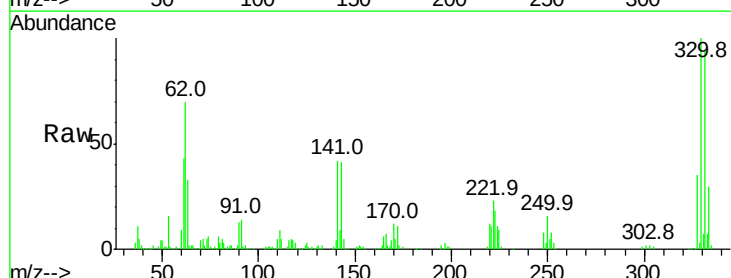
Manual Integrations
APPROVED

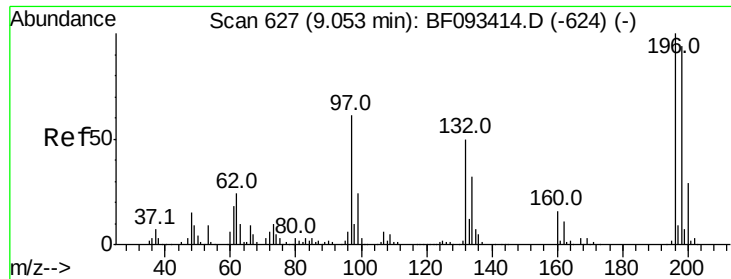
mohammad
3/15/2017 5:32:26 PM



#41
2,4,6-Tribromophenol
Concen: 92.02 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.4	116.2	
141	44.7	34.1	51.1	





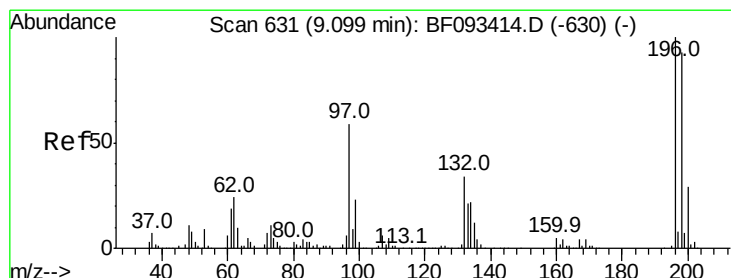
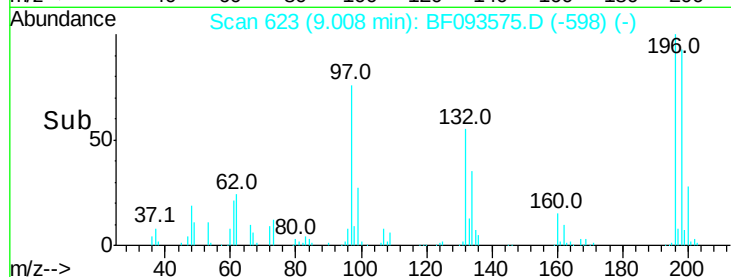
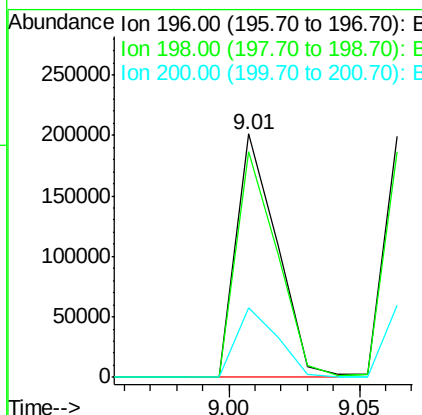
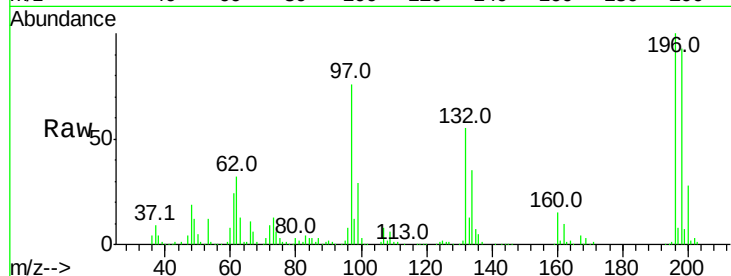
#42
 2,4,6-Trichlorophenol
 Concen: 36.89 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220546		
198	92.7	82.1	123.1	
200	28.4	27.0	40.4	

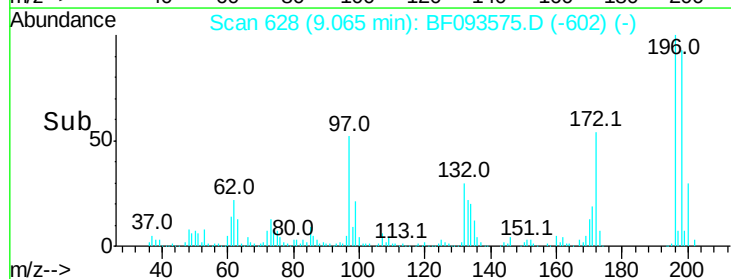
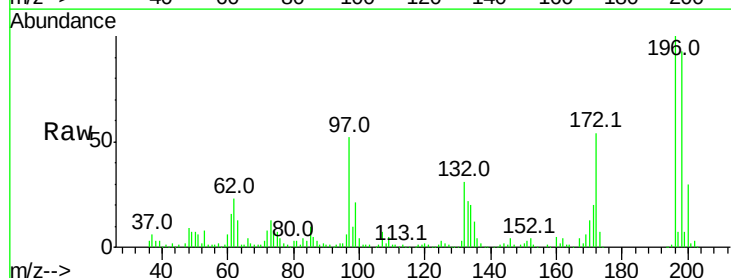
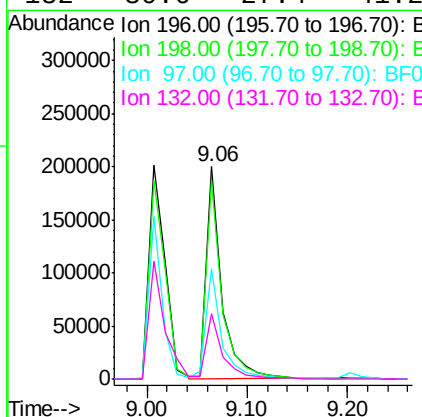
Manual Integrations
 APPROVED

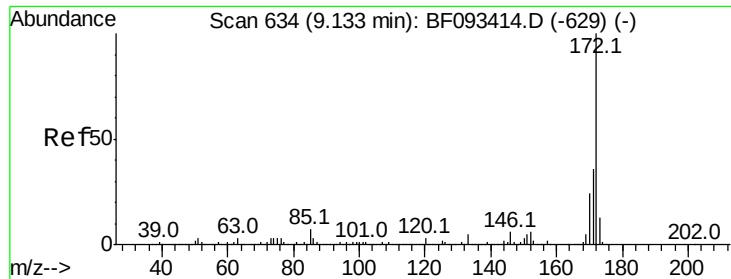
mohammad
 3/15/2017 5:32:26 PM



#43
 2,4,5-Trichlorophenol
 Concen: 33.30 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213651		
198	93.3	79.4	119.2	
97	52.2	51.5	77.3	
132	30.6	27.4	41.2	





#44

2-Fluorobiphenyl

Concen: 60.85 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

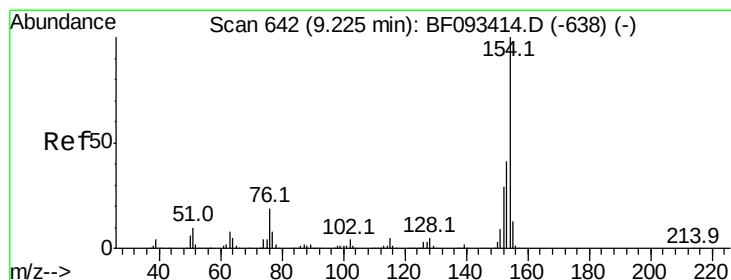
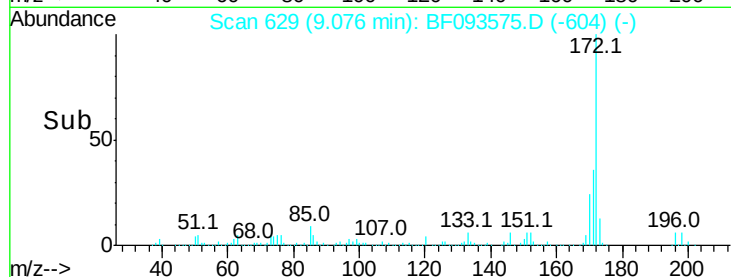
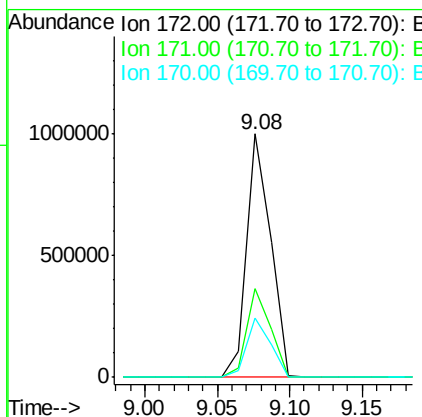
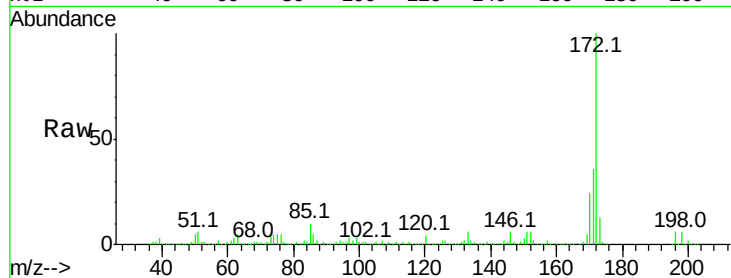
ClientSampleId :

E2-V4-BASEMSD

Tot Ion:	172	Resp:	1146562
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4

Manual Integrations
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#45

1,1'-Biphenyl

Concen: 32.57 ng

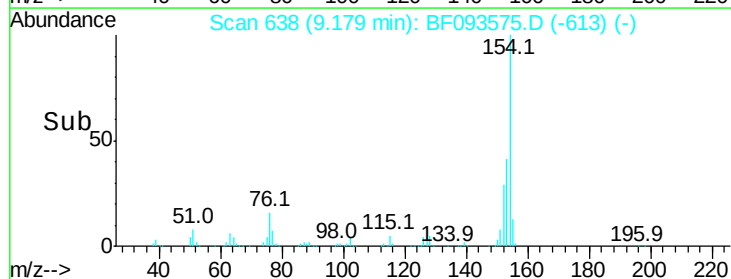
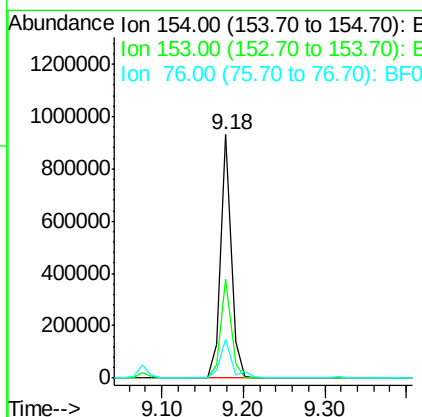
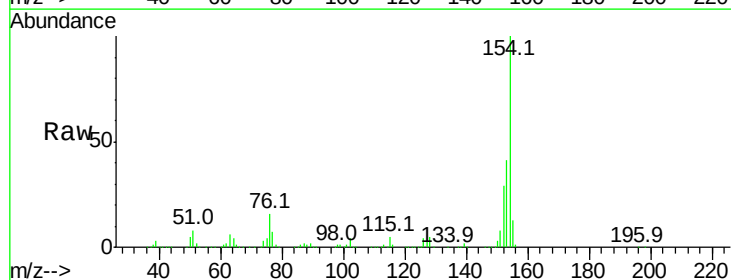
RT: 9.18 min Scan# 638

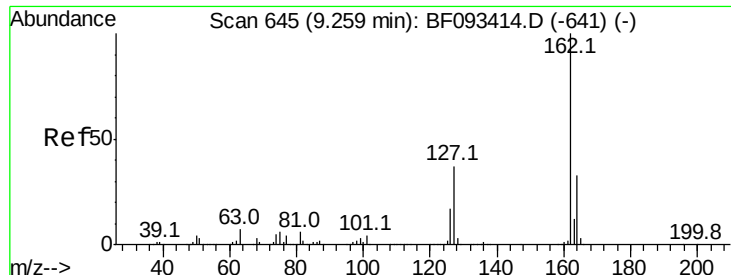
Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	154	Resp:	831589
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	16.0	0.0	30.5





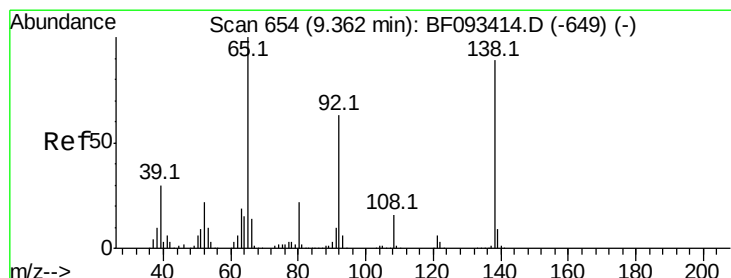
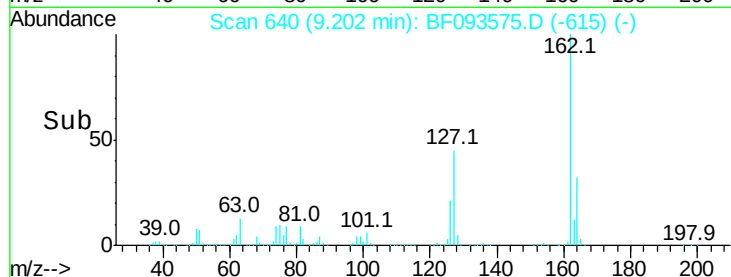
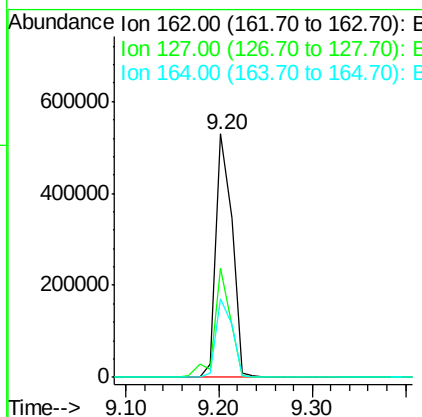
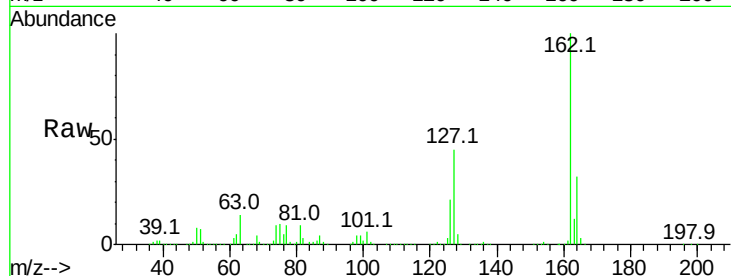
#46
2-Chloronaphthalene
Concen: 32.28 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.8	30.7	46.1
164	32.3	27.6	41.4

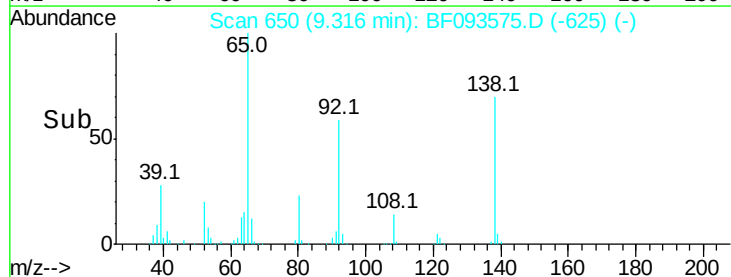
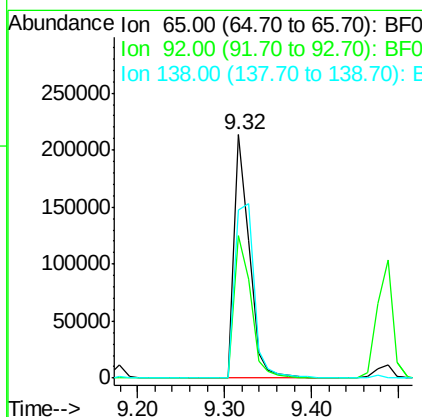
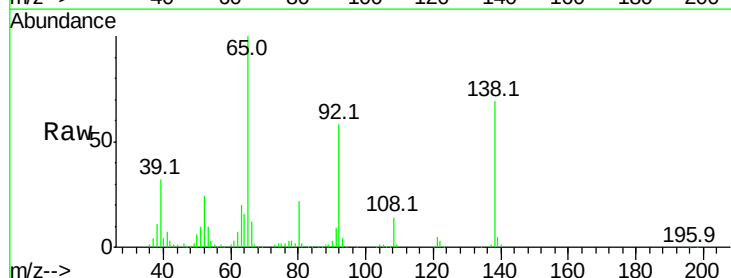
Manual Integrations
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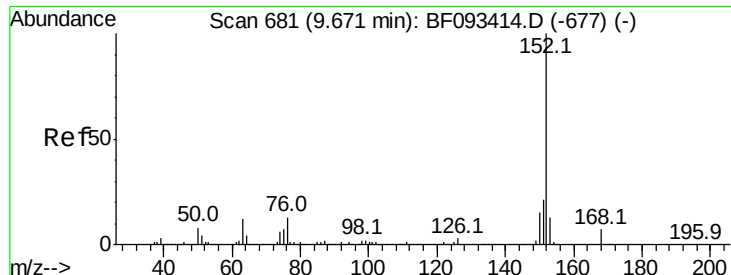
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#47
2-Nitroaniline
Concen: 37.05 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	53.9	80.9
138	68.9	76.8	115.2





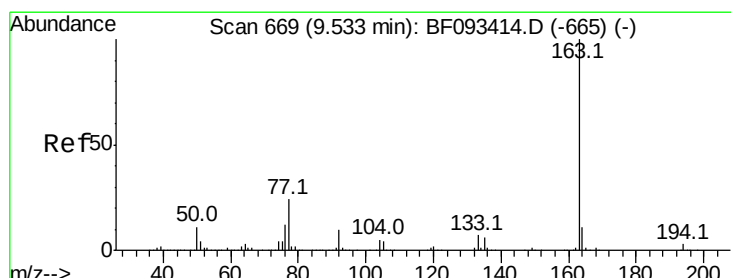
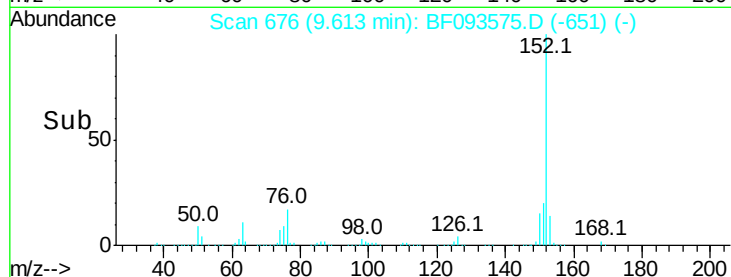
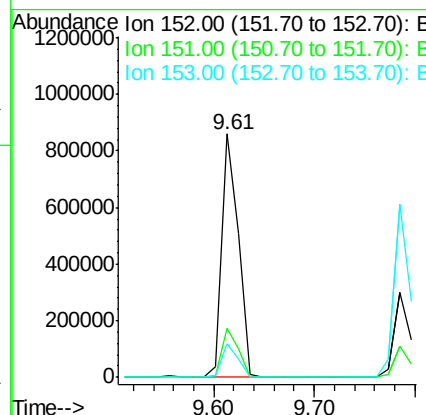
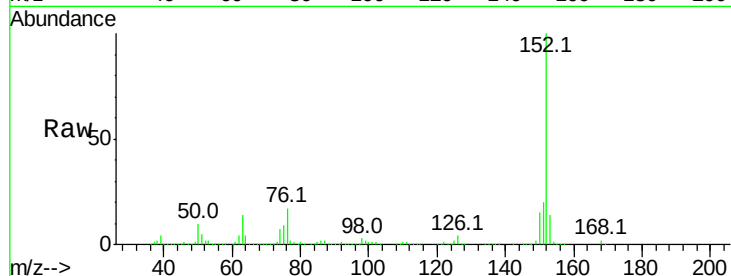
#48
Acenaphthylene
Concen: 30.41 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	980177		
151	20.4		16.9	25.3
153	13.8		11.4	17.2

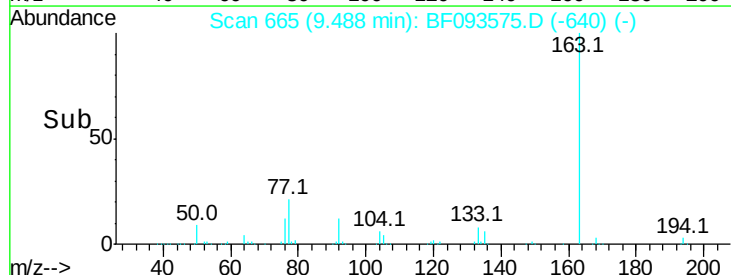
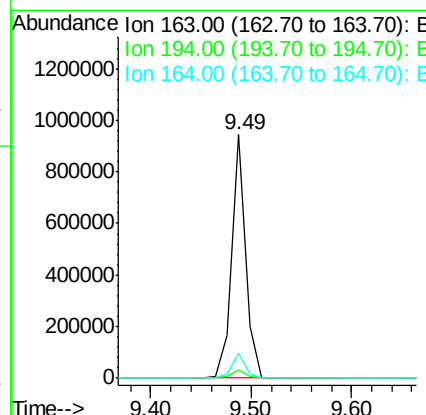
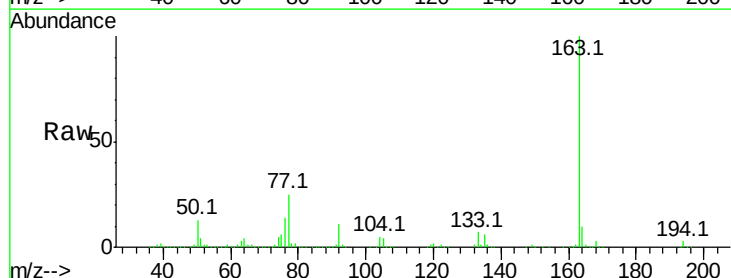
Manual Integrations
APPROVED

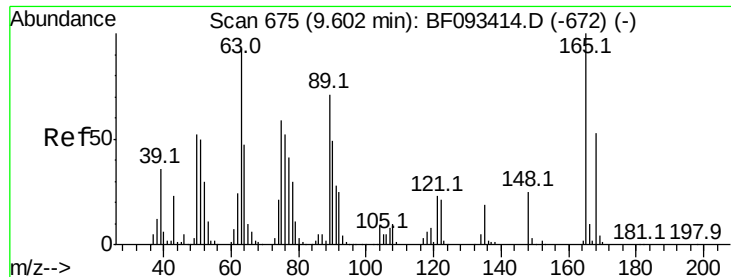
mohammad
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#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	908303		
194	3.2		3.0	4.4
164	10.3		8.0	12.0





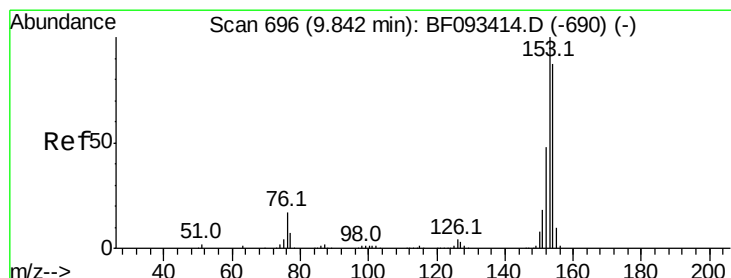
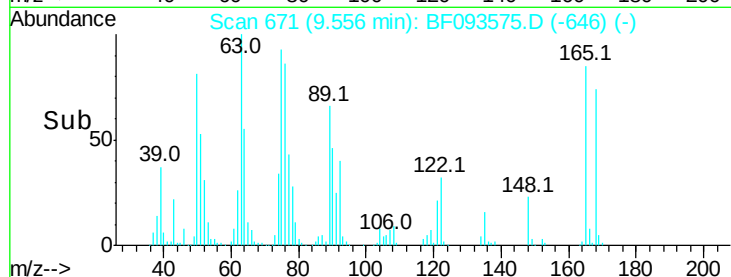
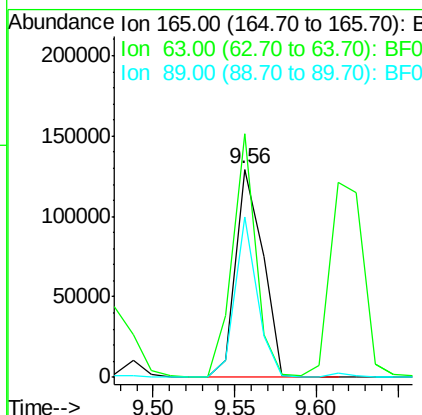
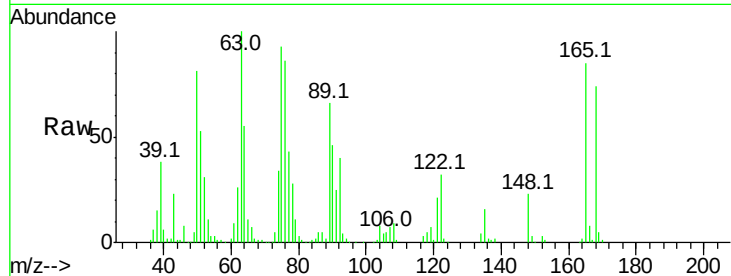
#50
2,6-Dinitrotoluene
Concen: 29.09 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	148311		
63	117.2	36.2	54.4#	
89	77.1	40.2	60.4#	

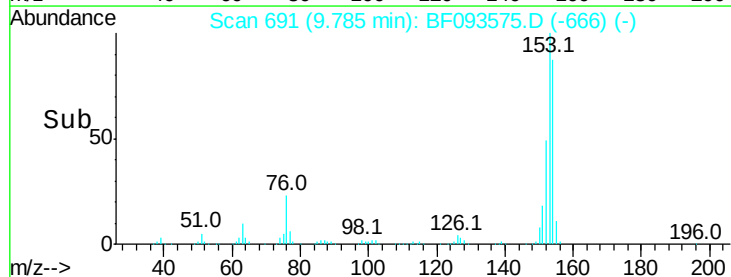
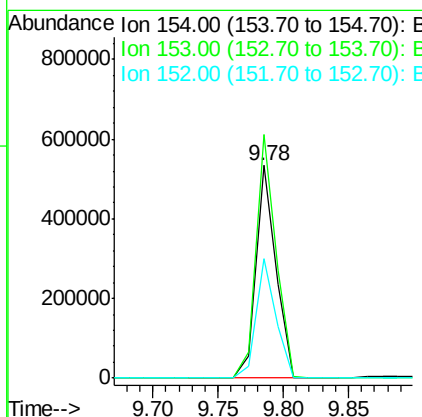
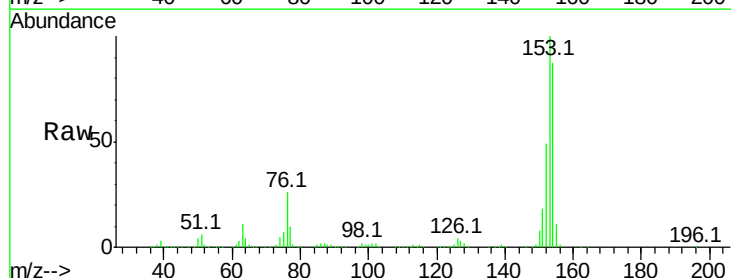
Manual Integrations
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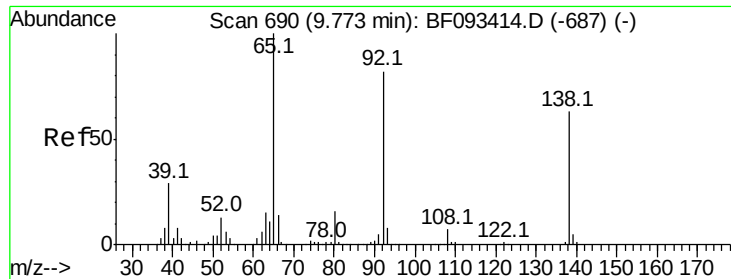
mohammad
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#51
Acenaphthene
Concen: 29.97 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	571134		
153	114.4	88.6	133.0	
152	56.4	41.6	62.4	





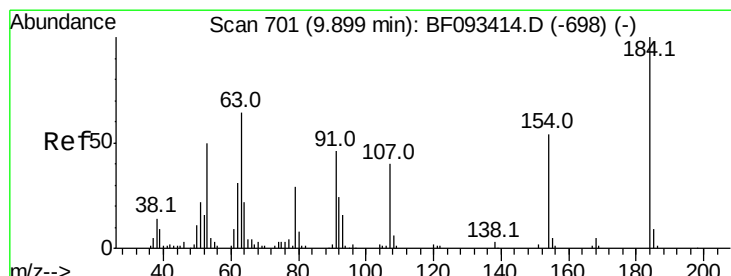
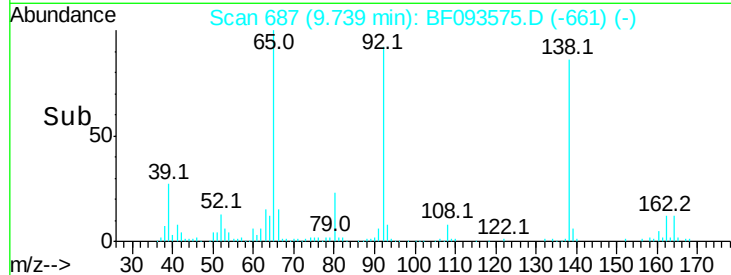
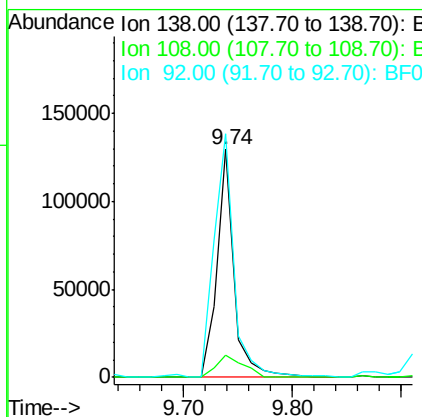
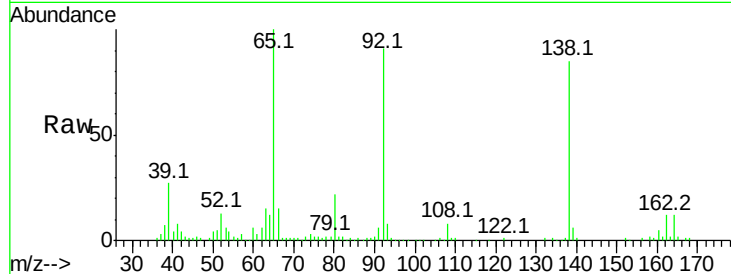
#52
3-Nitroaniline
Concen: 23.45 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
138	100		
108	9.8	8.5	12.7
92	106.8	97.8	146.8

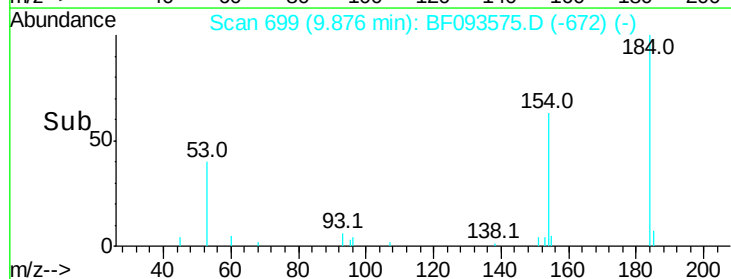
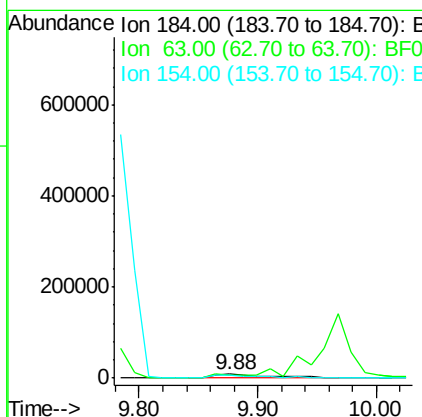
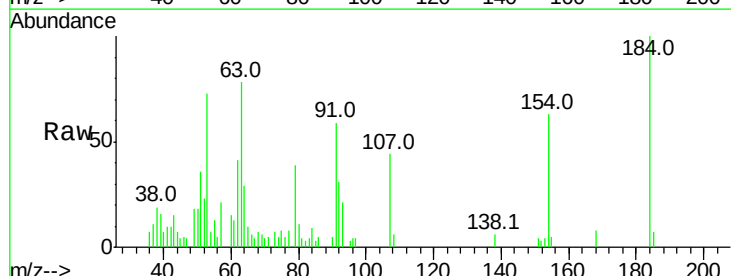
Manual Integrations
APPROVED

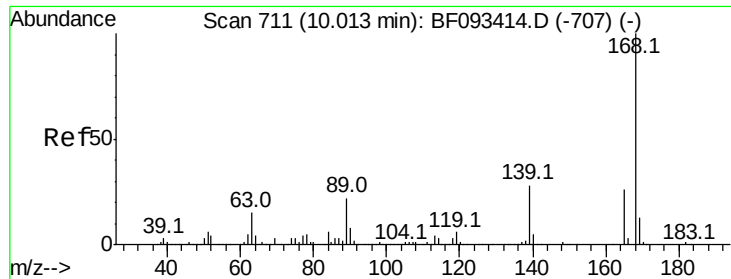
mohammad
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#53
2,4-Dinitrophenol
Concen: 13.81 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	77.9	28.4	42.6#
154	63.2	44.3	66.5





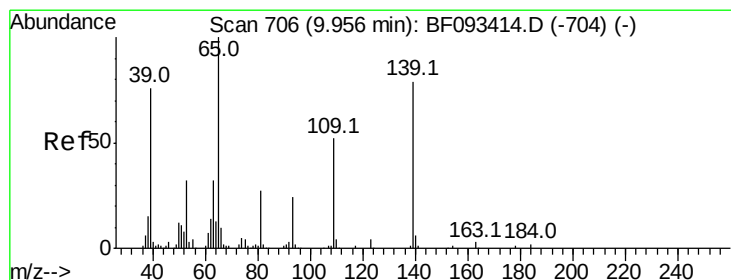
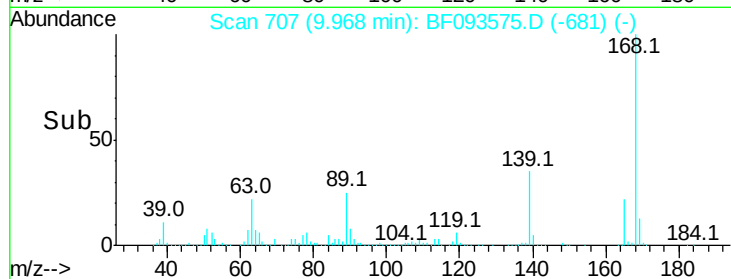
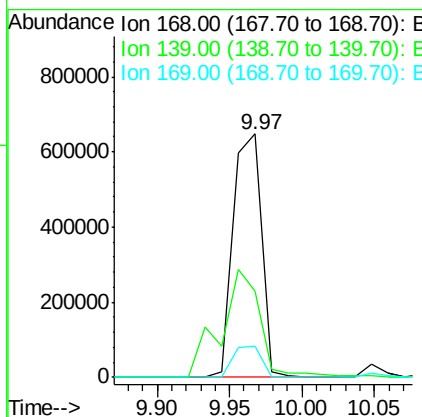
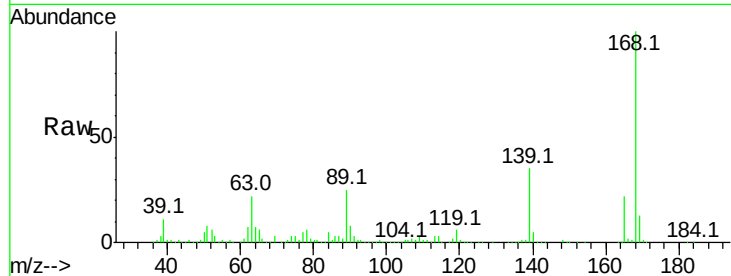
#54
Dibenzofuran
Concen: 36.80 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	32.6	49.0
169	12.7	11.3	16.9

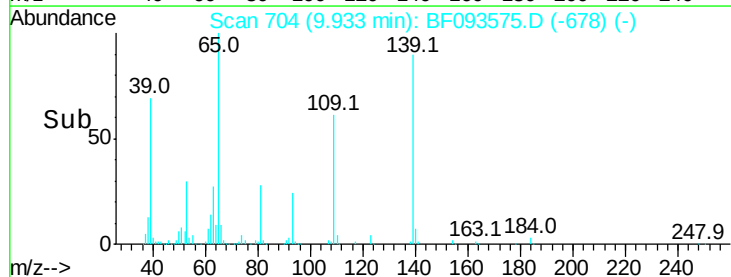
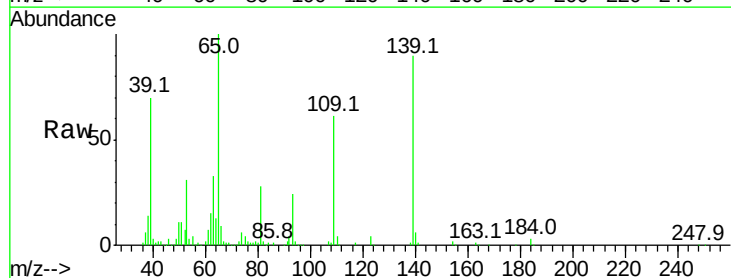
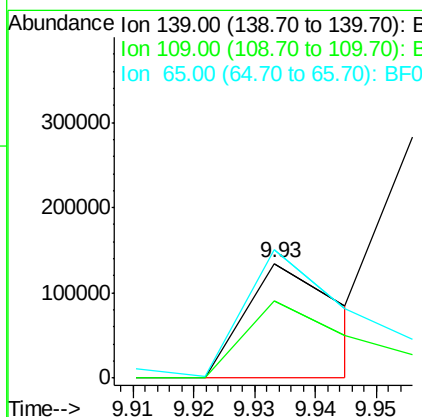
Manual Integrations
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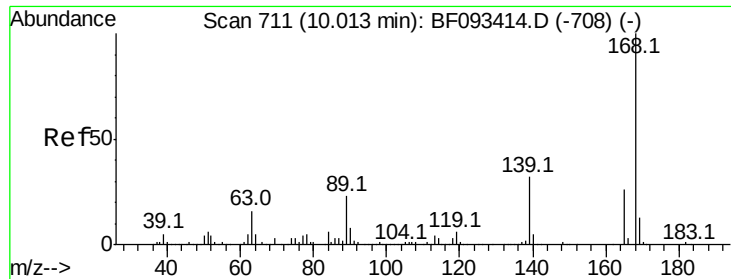
mohammad
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#55
4-Nitrophenol
Concen: 50.53 ng m
RT: 9.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	52.2	92.2
65	111.5	85.8	125.8





#56

2,4-Dinitrotoluene

Concen: 33.94 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

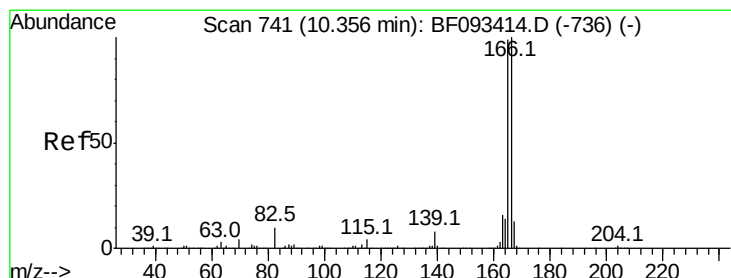
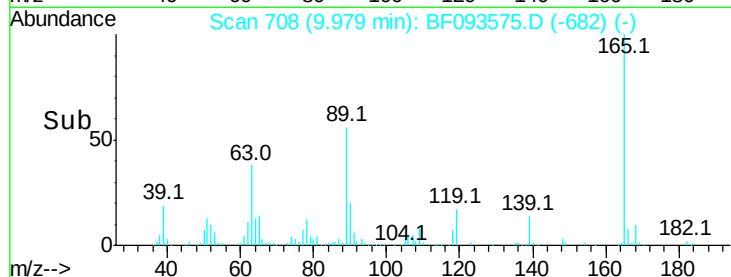
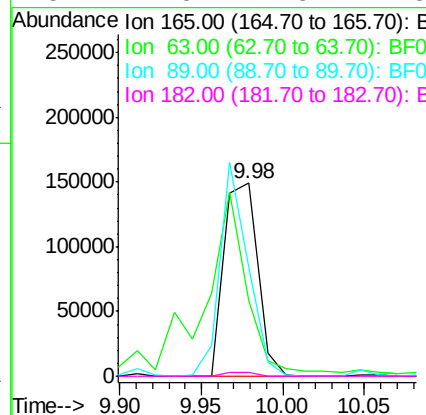
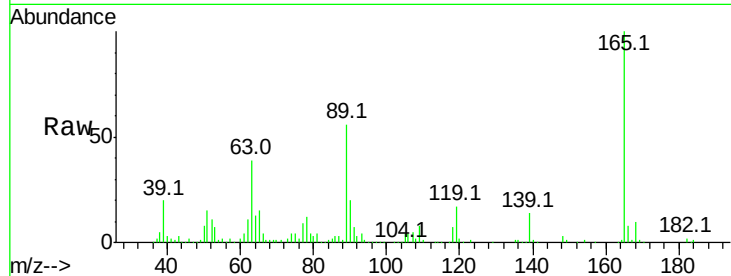
ClientSampleId :

E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212576		
63	39.0		40.2	60.4#
89	56.4		62.5	93.7#
182	2.3		1.8	2.8

Manual Integrations
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#57

Fluorene

Concen: 32.65 ng

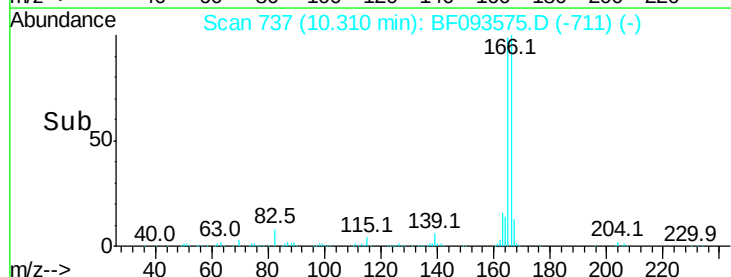
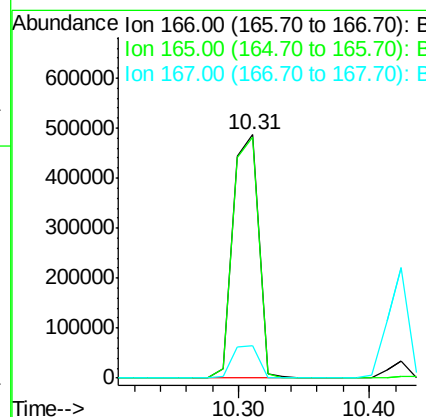
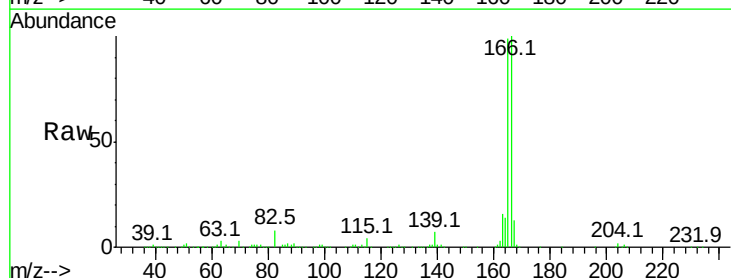
RT: 10.31 min Scan# 737

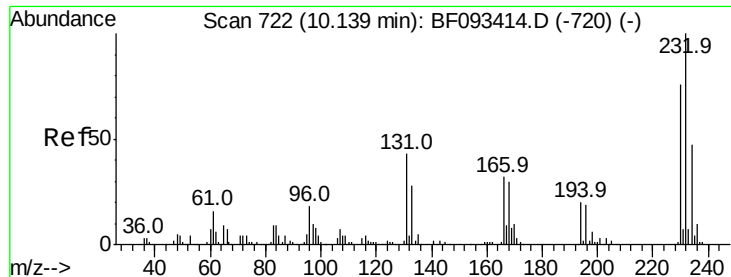
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	659965		
165	99.1		77.8	116.8
167	13.1		10.8	16.2





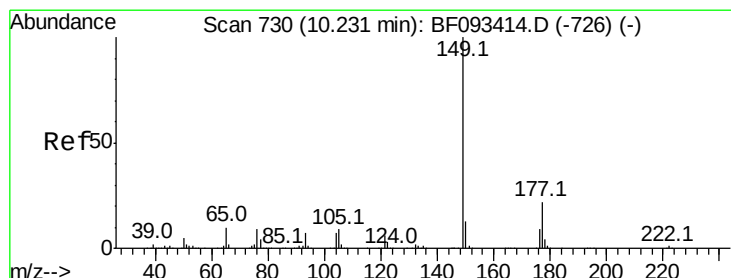
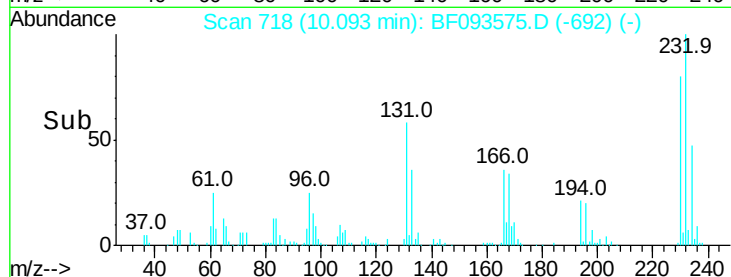
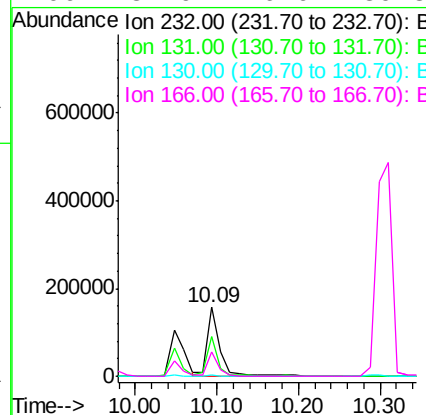
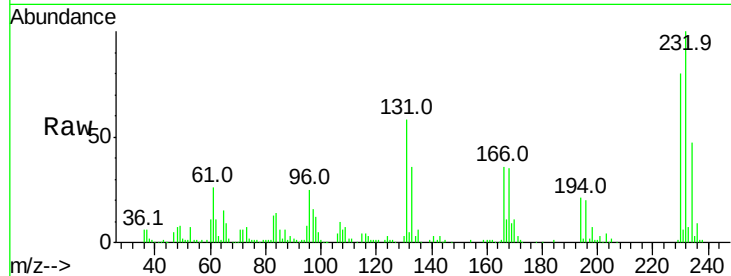
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.19 ng
 RT: 10.09 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	168403		
131	52.0		40.1	60.1
130	2.5		1.8	2.8
166	31.9		26.6	39.8

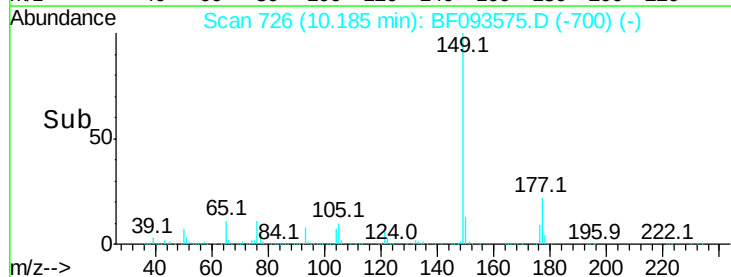
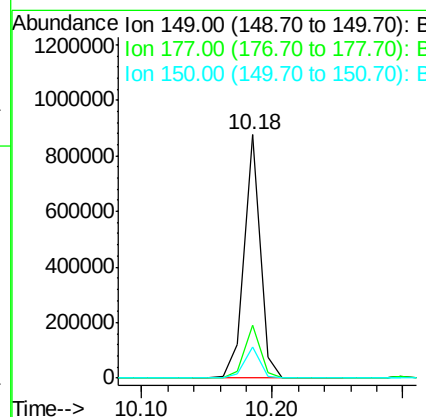
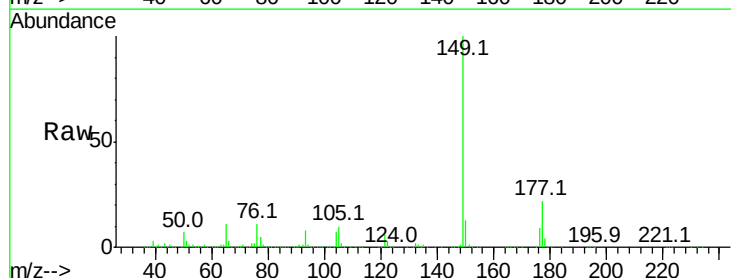
Manual Integrations
 APPROVED

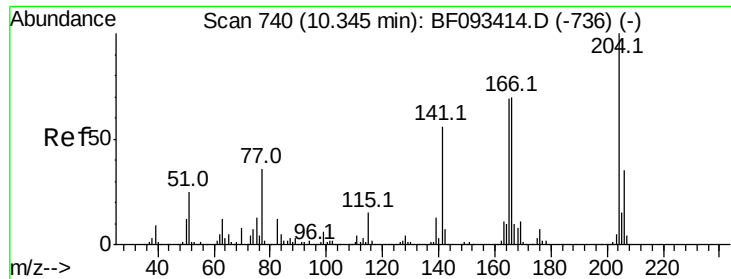
mohammad
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#59
 Diethylphthalate
 Concen: 33.46 ng
 RT: 10.18 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	742992		
177	21.5		16.6	25.0
150	12.8		10.4	15.6





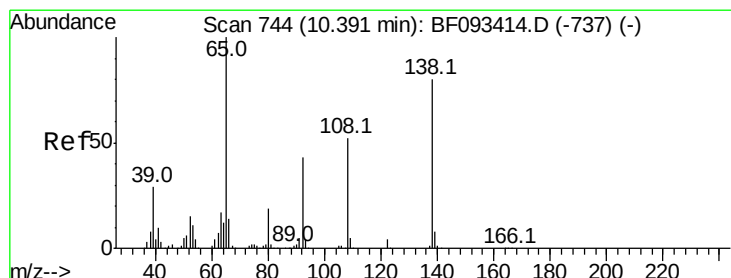
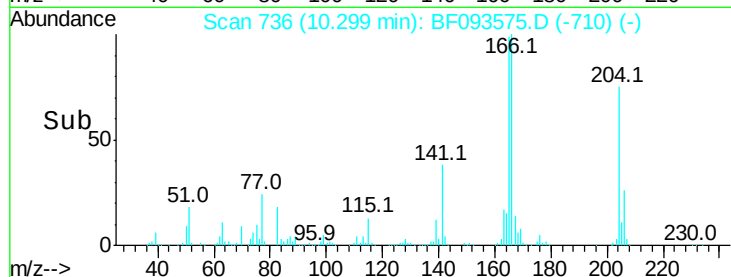
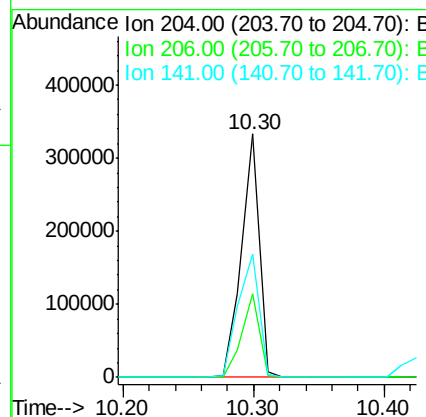
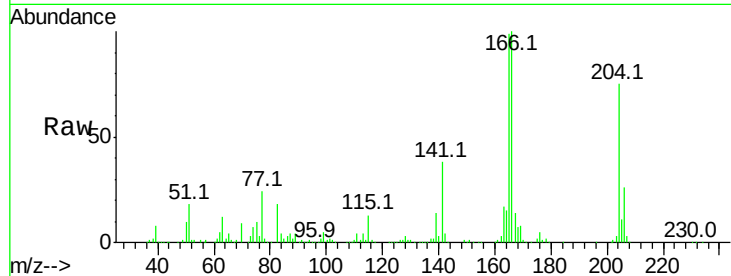
#60
4-Chlorophenyl-phenylether
Concen: 34.82 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	50.9	59.4	89.0

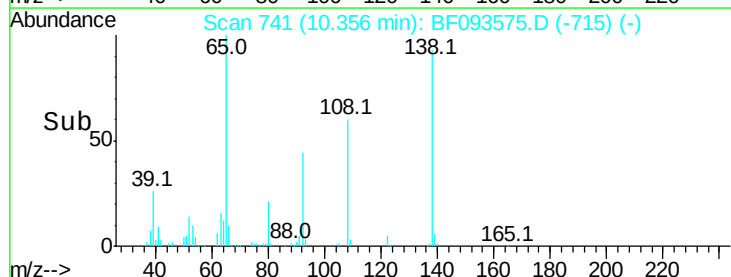
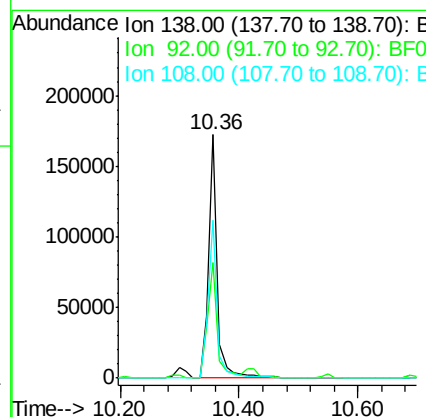
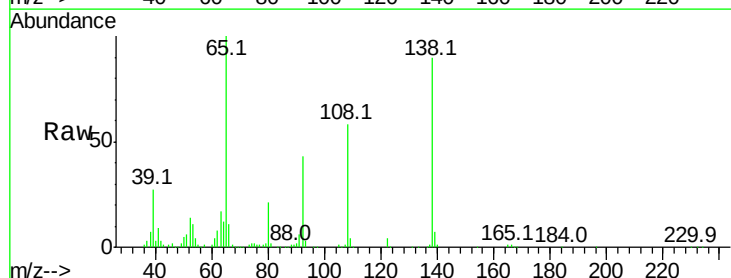
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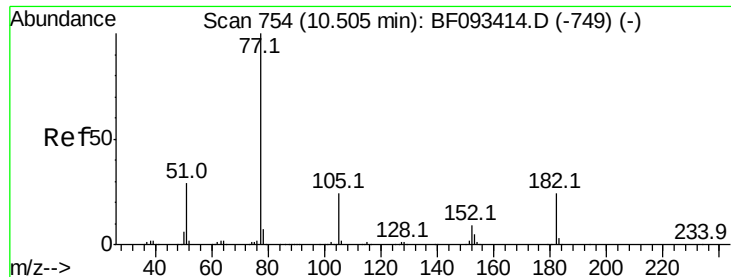
mohammad
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#61
4-Nitroaniline
Concen: 29.01 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.7	71.7
108	64.6	52.6	92.6





#62

Azobenzene

Concen: 38.64 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMSD

Tot Ion: 77 Resp: 974908

Ion Ratio Lower Upper

77 100

182 24.1 0.0 39.3

105 24.0 2.3 42.3

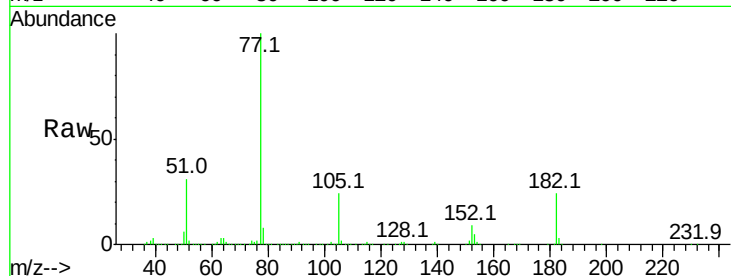
51 30.8 8.9 48.9

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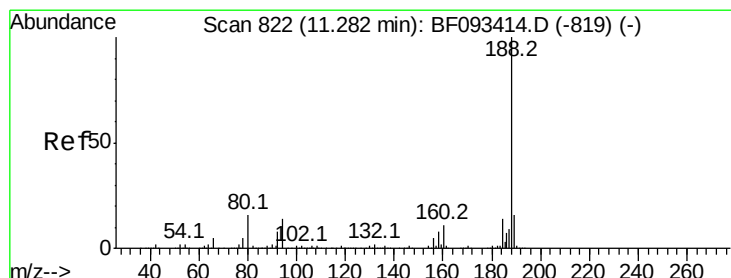
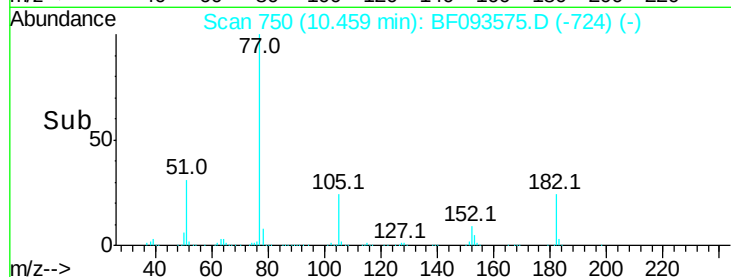
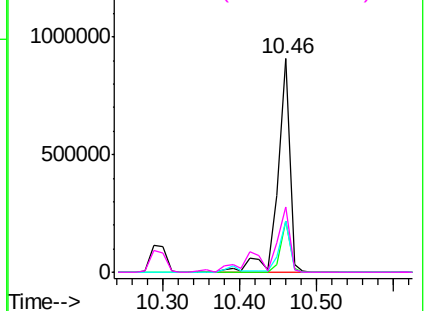


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.24 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

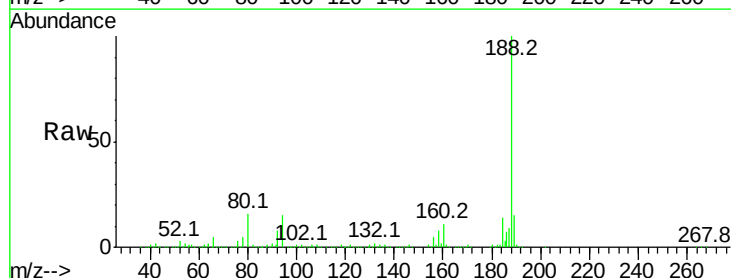
Tgt Ion: 188 Resp: 629205

Ion Ratio Lower Upper

188 100

94 14.6 10.0 15.0

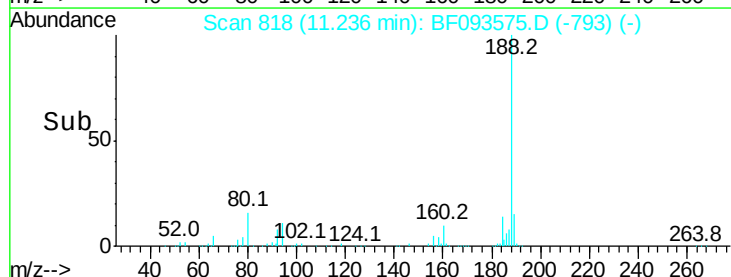
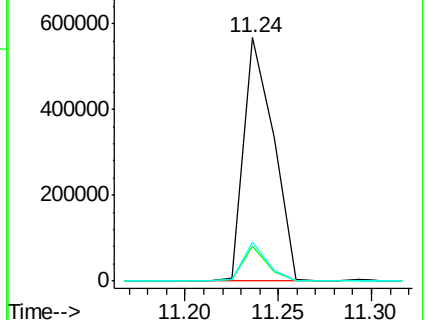
80 16.0 11.2 16.8

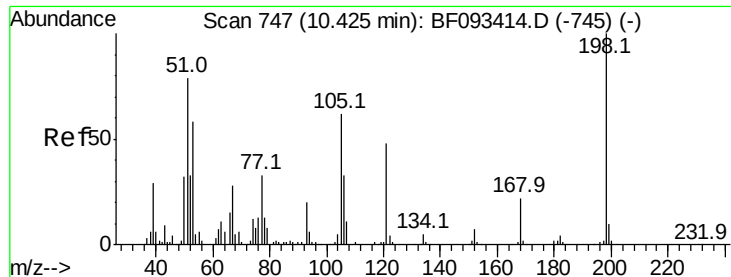


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





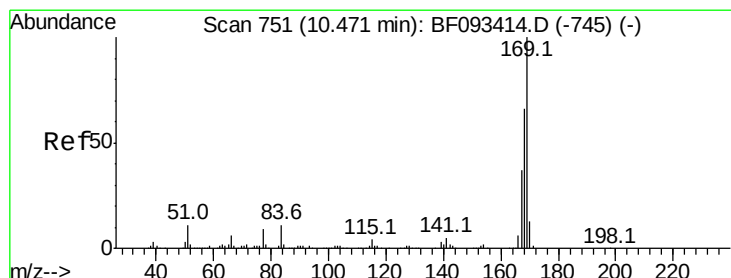
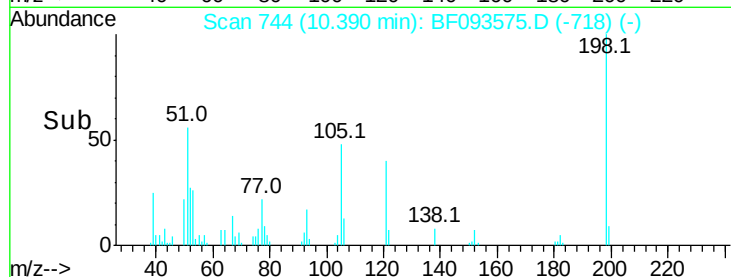
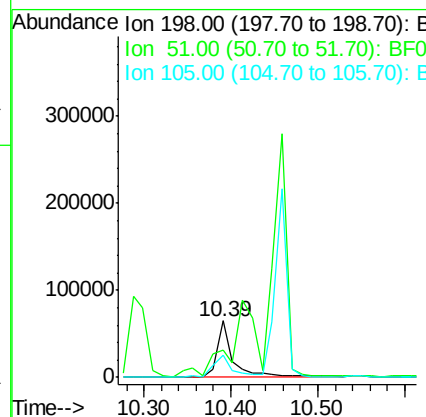
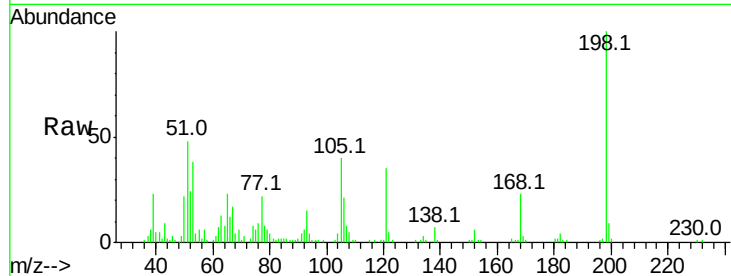
#64
4,6-Dinitro-2-methylphenol
Concen: 20.84 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	6.7	46.7#
105	40.2	16.6	56.6

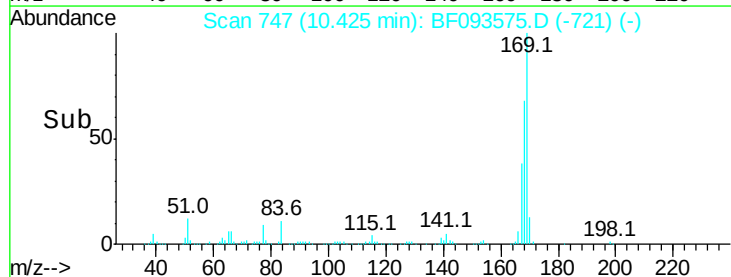
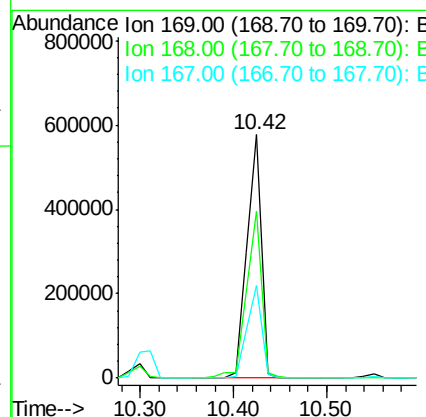
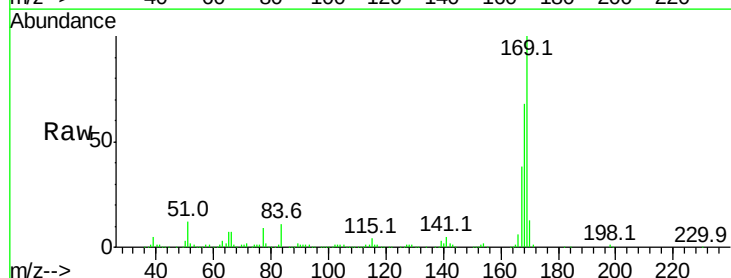
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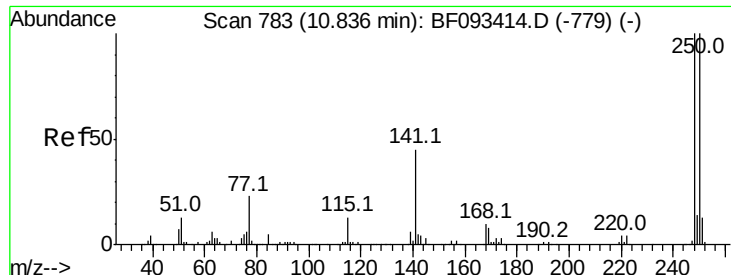
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#65
n-Nitrosodiphenylamine
Concen: 29.57 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.2	81.2
167	38.2	30.2	45.4





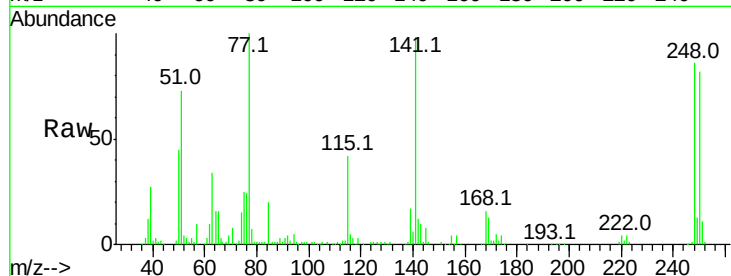
#66
 4-Bromophenyl-phenylether
 Concen: 26.18 ng
 RT: 10.78 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	174181		
250	95.1	76.9	115.3	
141	114.2	68.2	102.4	

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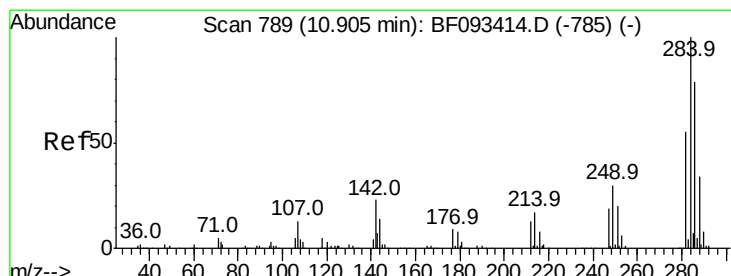
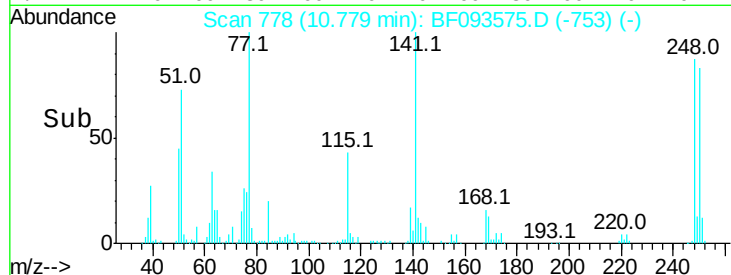
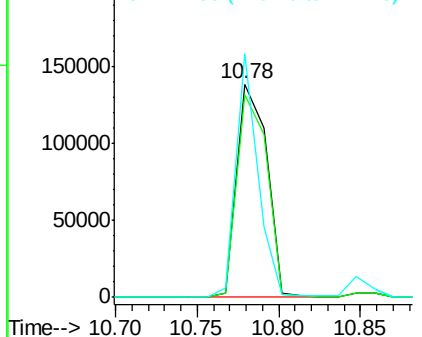


Abundance

Ion 248.00 (247.70 to 248.70): E

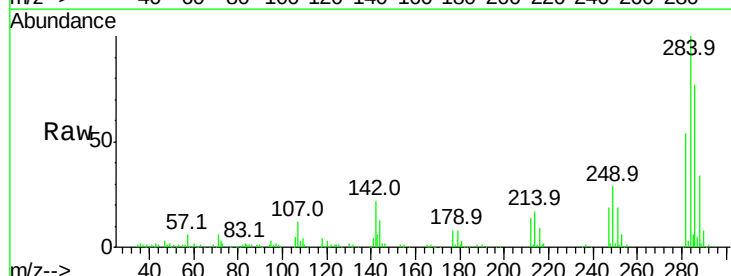
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
 Hexachlorobenzene
 Concen: 26.72 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	169743		
142	21.9	22.6	33.8	
249	29.3	25.4	38.0	

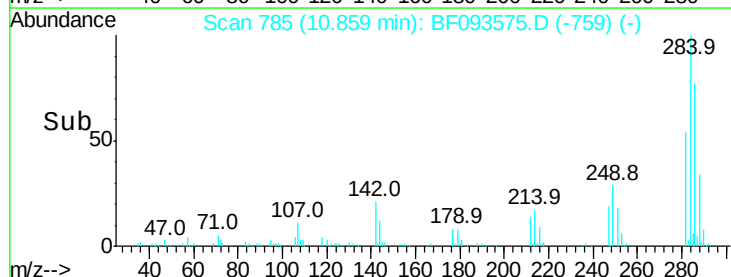
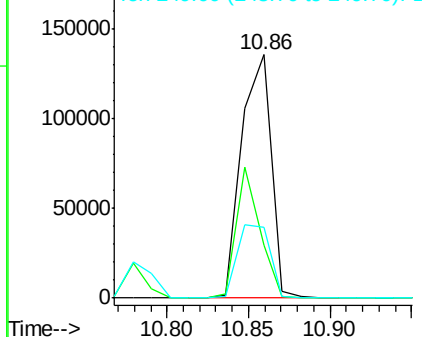


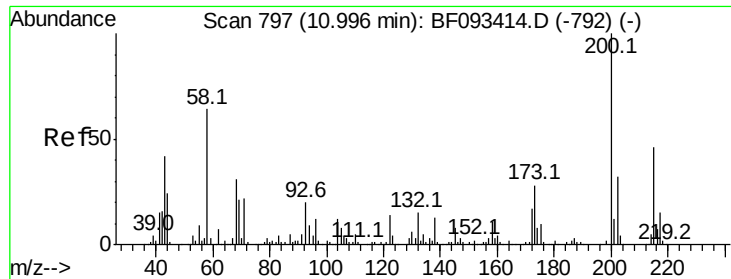
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





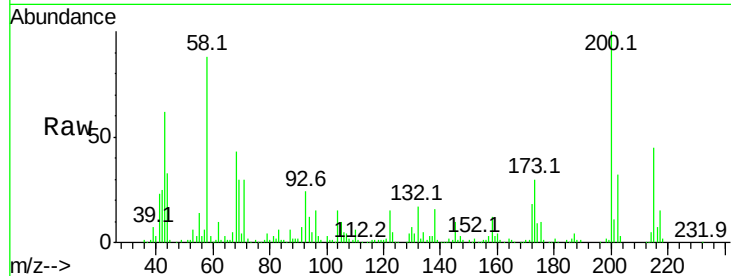
#68
Atrazine
Concen: 27.25 ng
RT: 10.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

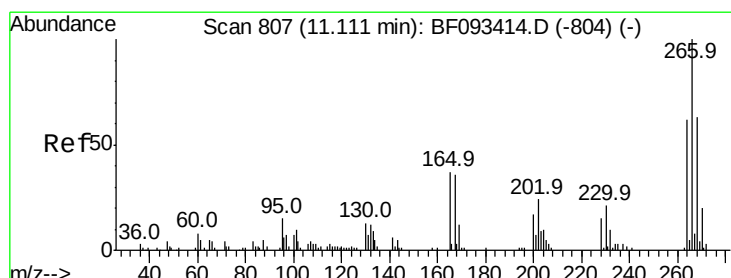
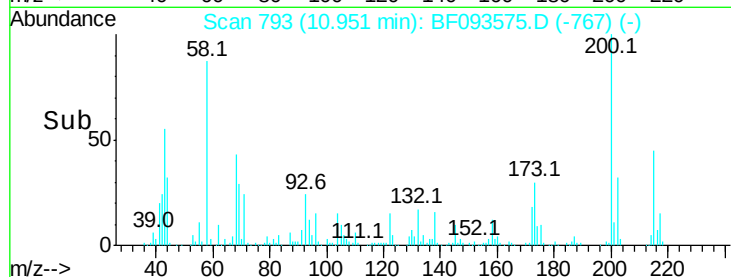
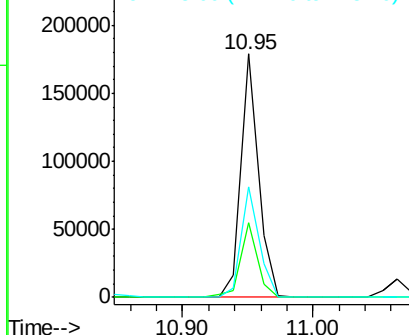
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.4	9.6	49.6
215	45.1	25.7	65.7

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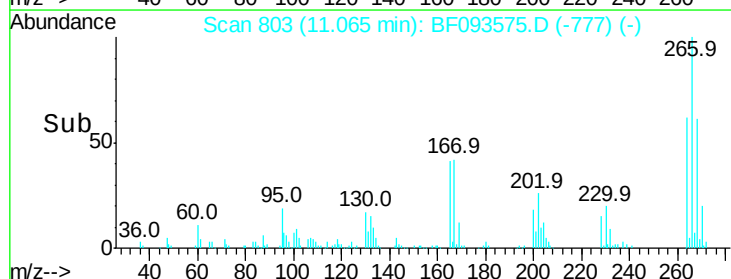
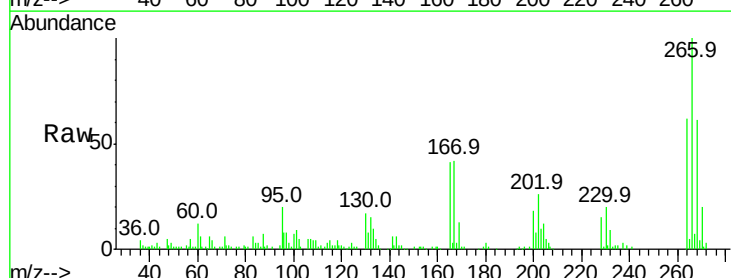
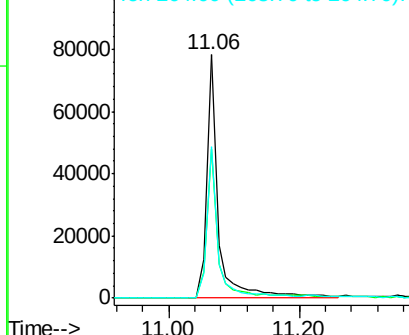
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

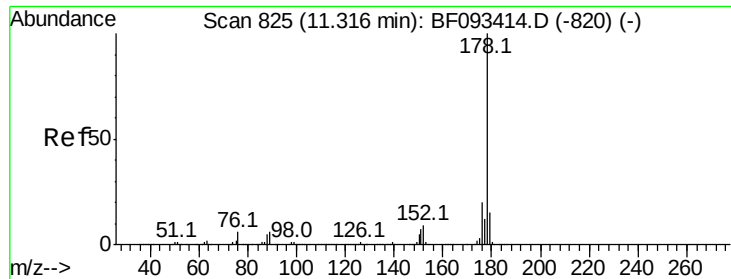


#69
Pentachlorophenol
Concen: 43.95 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.3	53.3	79.9
264	62.0	50.3	75.5

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 27.34 ng

RT: 11.26 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

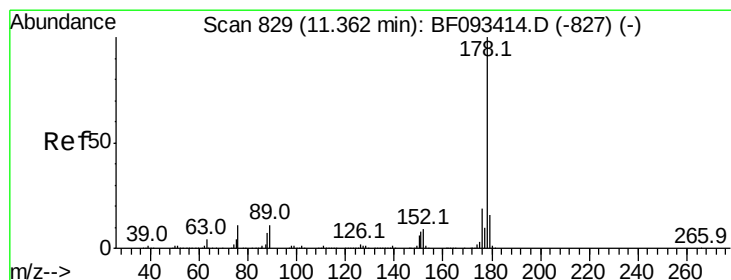
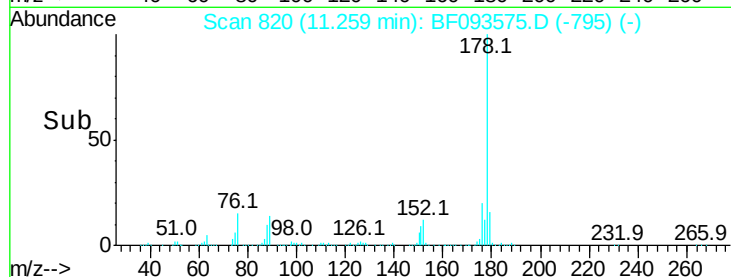
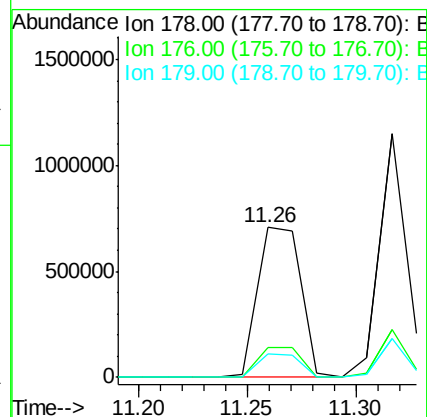
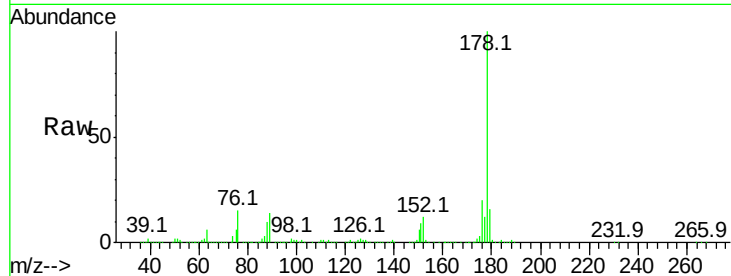
ClientSampleId :

E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.8	12.8	19.2

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#71

Anthracene

Concen: 27.94 ng

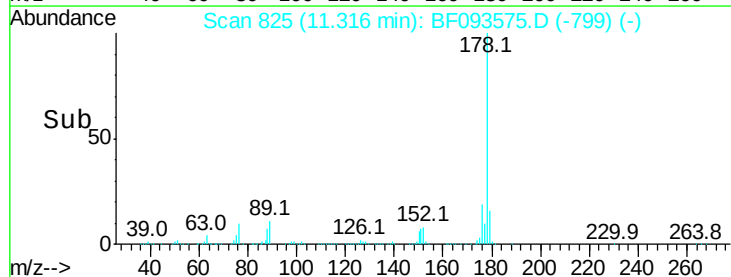
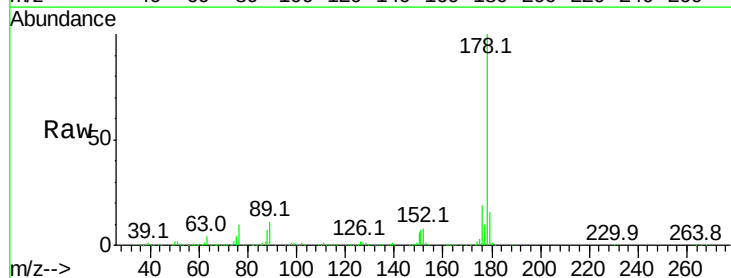
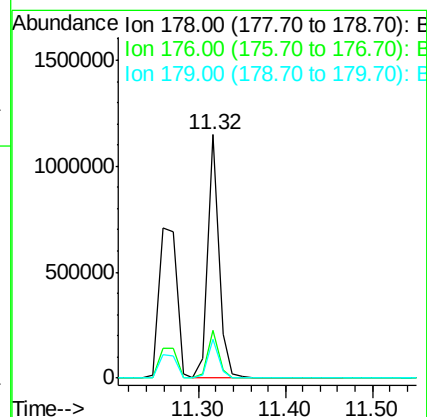
RT: 11.32 min Scan# 825

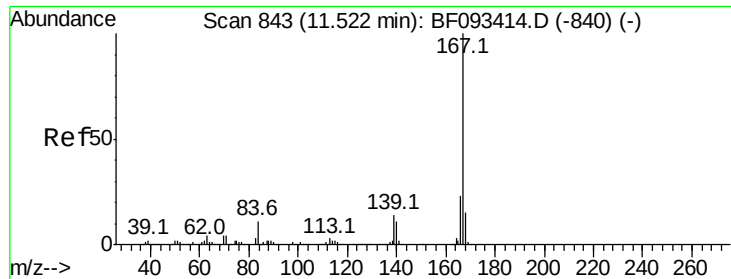
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.0	13.2	19.8





#72

Carbazole

Concen: 27.02 ng

RT: 11.48 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

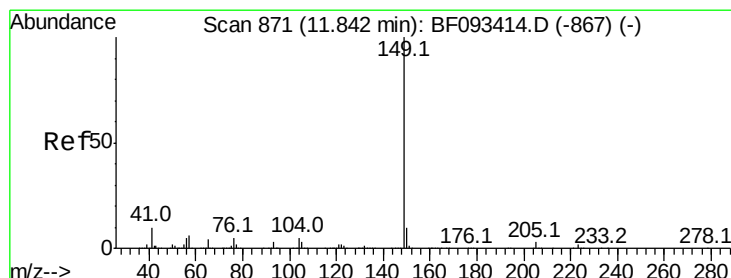
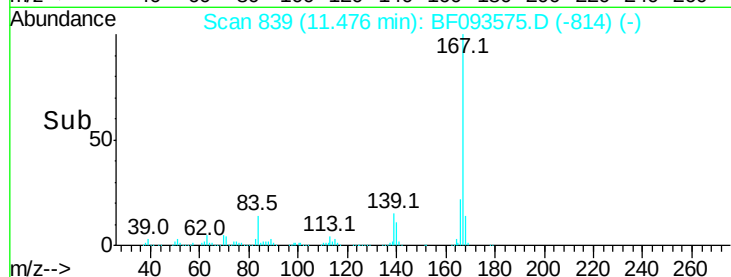
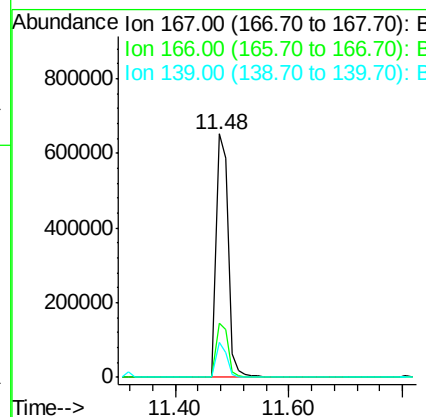
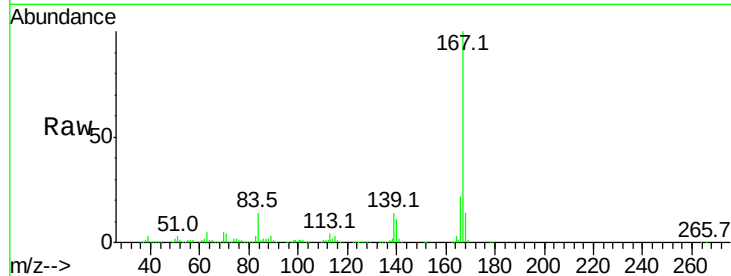
ClientSampleId :

E2-V4-BASEMSD

Tot Ion:	167	Resp:	922179
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.2
139	14.5	11.4	17.2

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#73

Di-n-butylphthalate

Concen: 27.86 ng

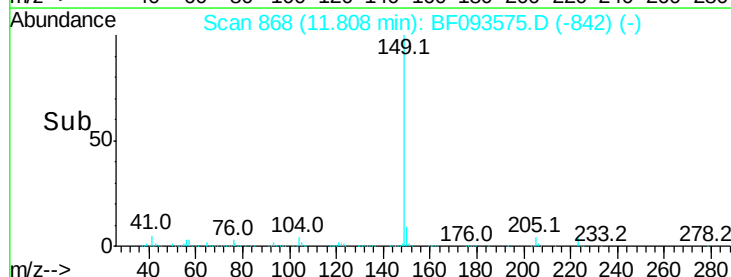
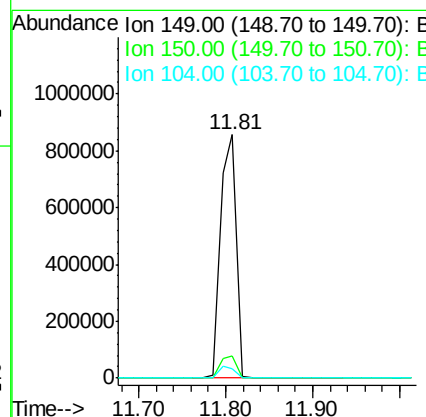
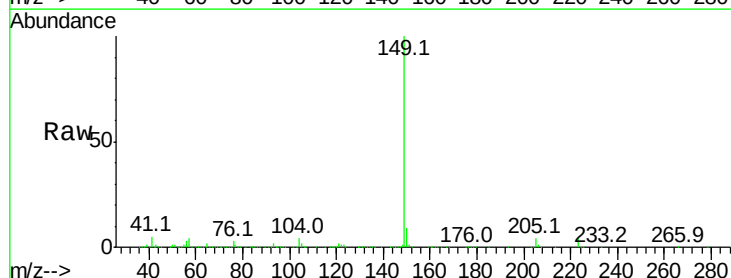
RT: 11.81 min Scan# 868

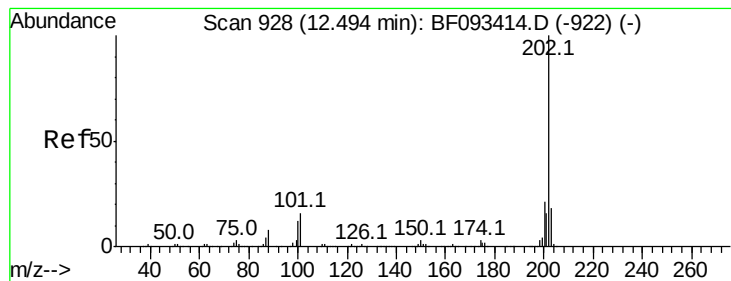
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	149	Resp:	1100258
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.1	12.1
104	3.6	4.6	7.0#





#74

Fluoranthene

Concen: 27.32 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

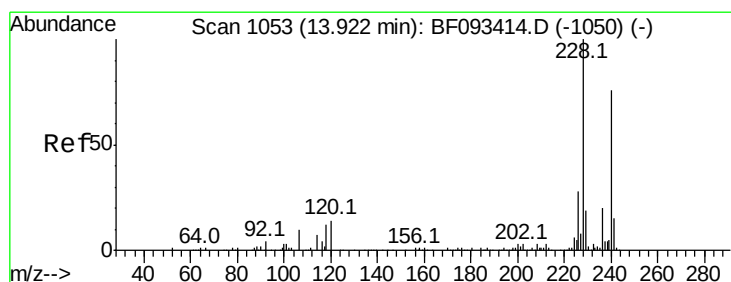
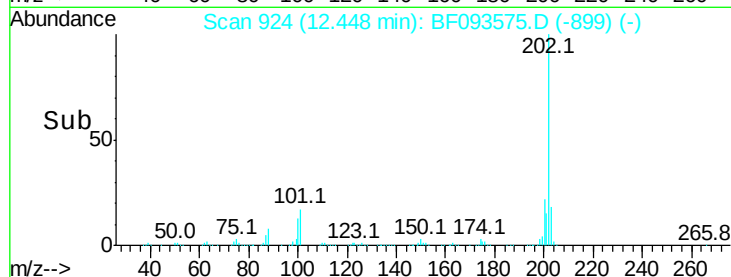
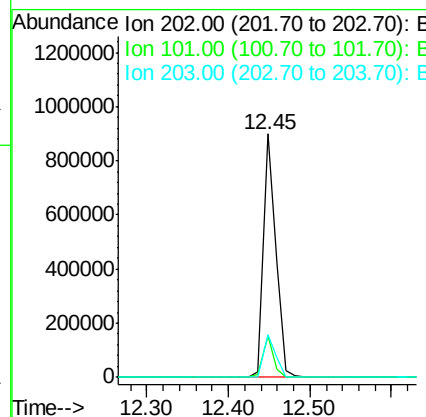
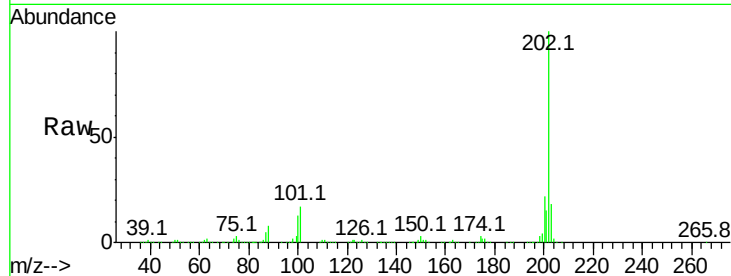
ClientSampleId :

E2-V4-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.8	0.0	34.6
203	17.7	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

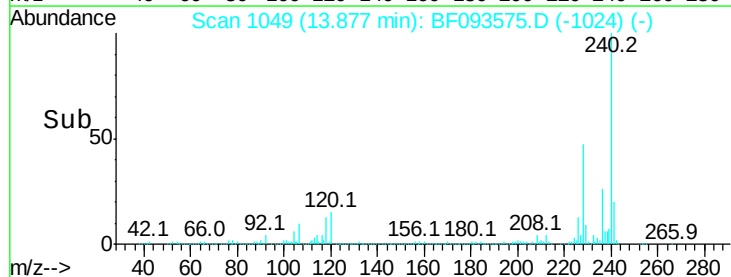
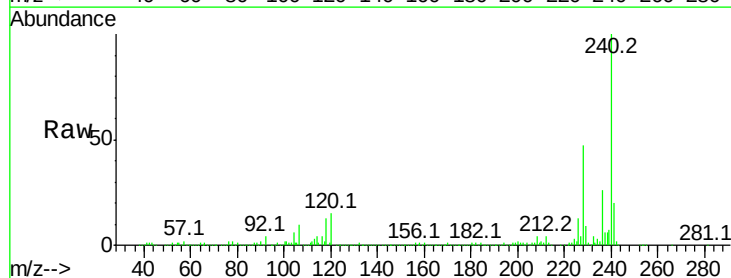
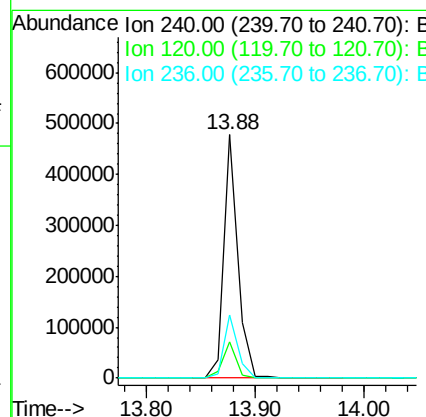
RT: 13.88 min Scan# 1049

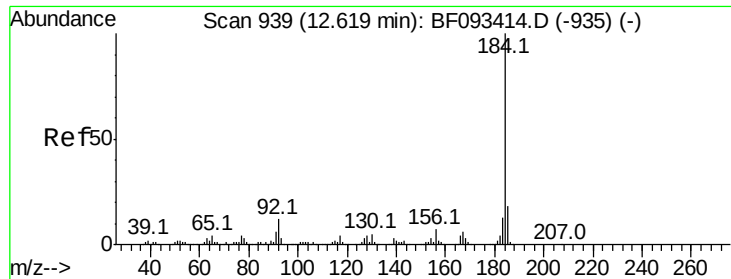
Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	12.9	19.3
236	26.1	20.9	31.3





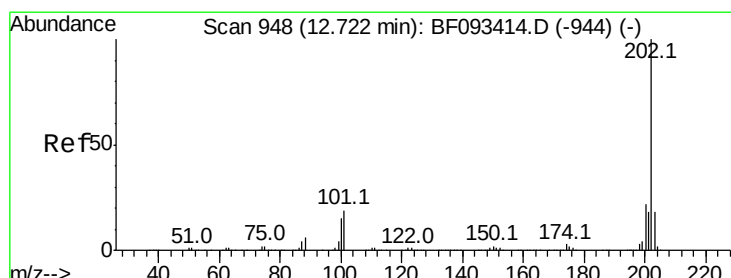
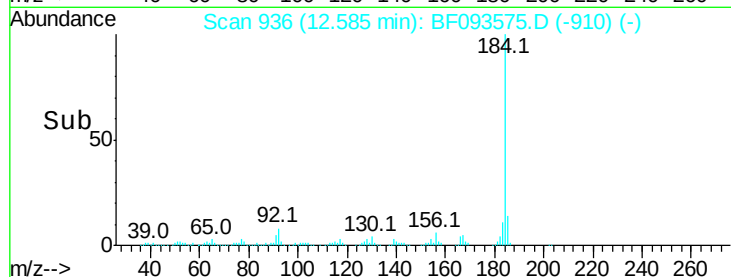
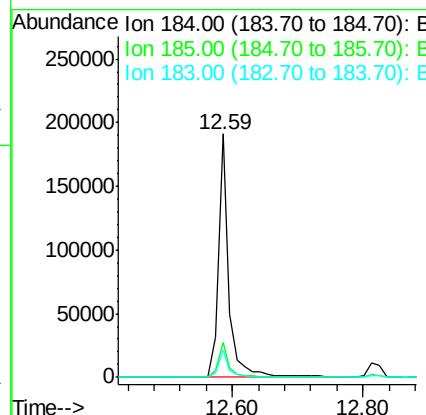
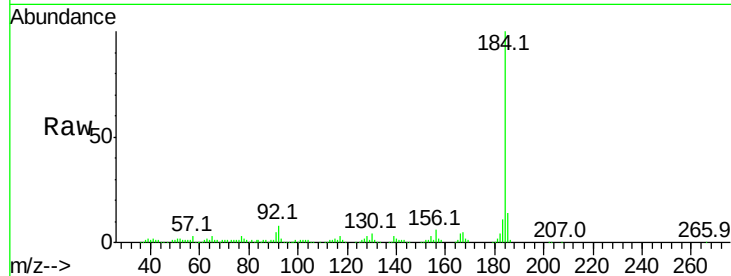
#76
Benzidine
Concen: 15.15 ng
RT: 12.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	13.4	20.0	
183	11.1	9.2	13.8	

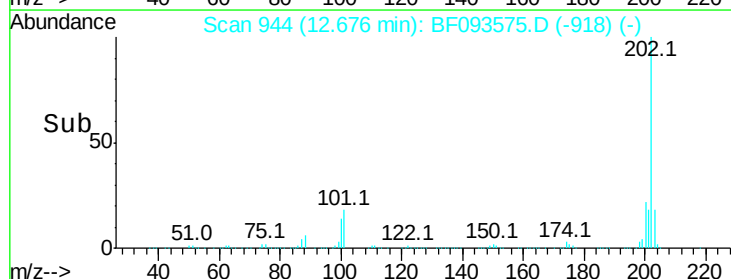
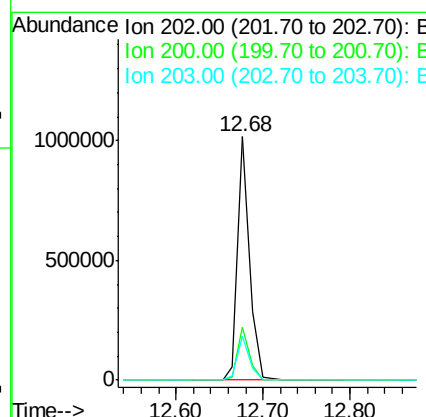
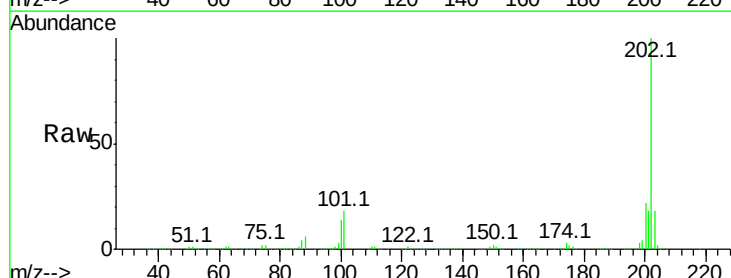
Manual Integrations
APPROVED

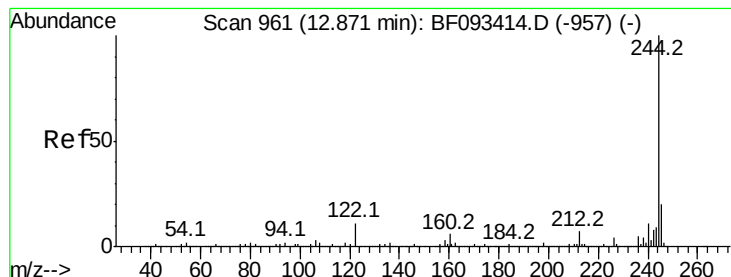
mohammad
3/15/2017 5:32:26 PM



#77
Pyrene
Concen: 30.10 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0	17.7	26.5	
203	17.9	14.7	22.1	





#78

Terphenyl-d14

Concen: 60.92 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASEMSD

Tot Ion:244 Resp: 1016673

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

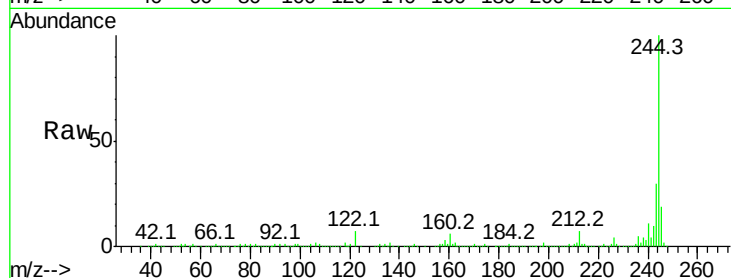
122 7.4 11.4 17.2#

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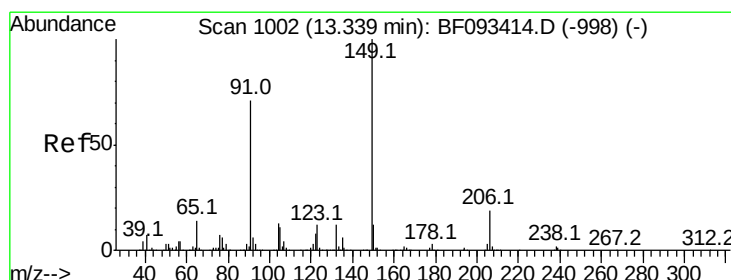
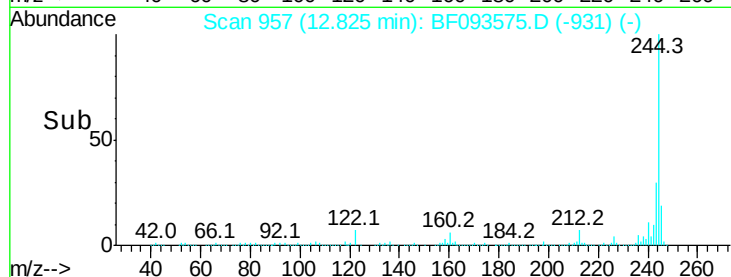
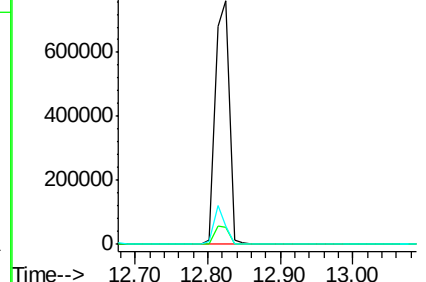
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.38 ng

RT: 13.29 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

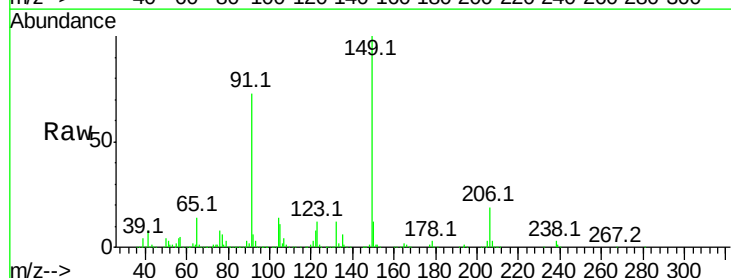
Tgt Ion:149 Resp: 443355

Ion Ratio Lower Upper

149 100

91 73.3 63.9 95.9

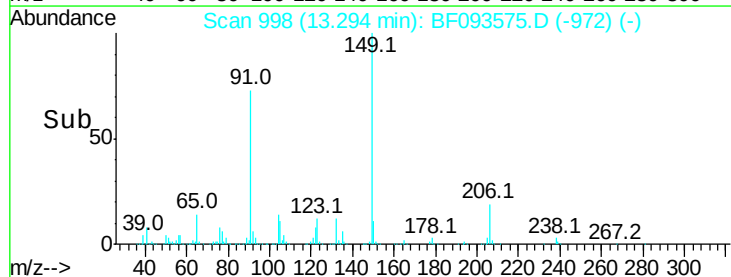
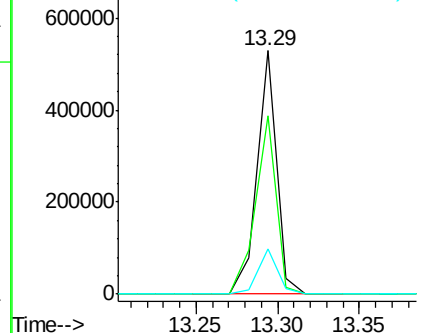
206 18.5 14.6 21.8

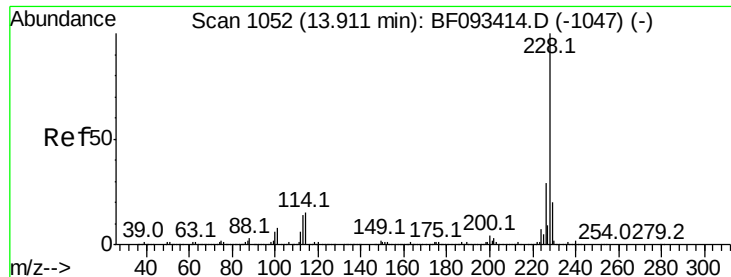


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





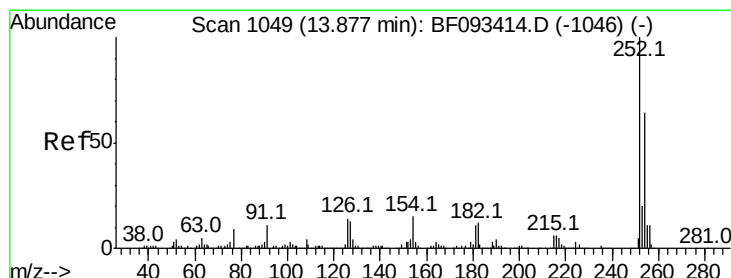
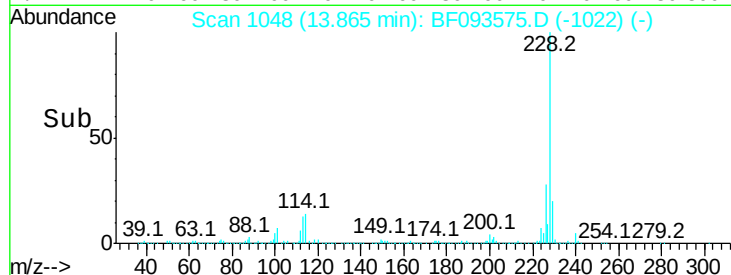
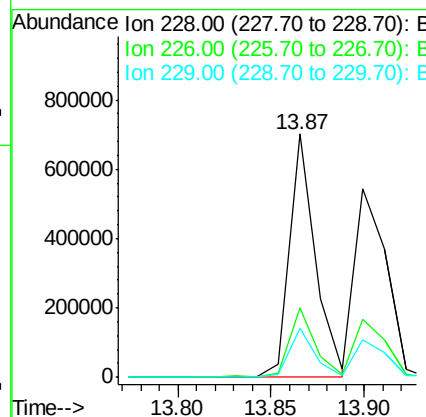
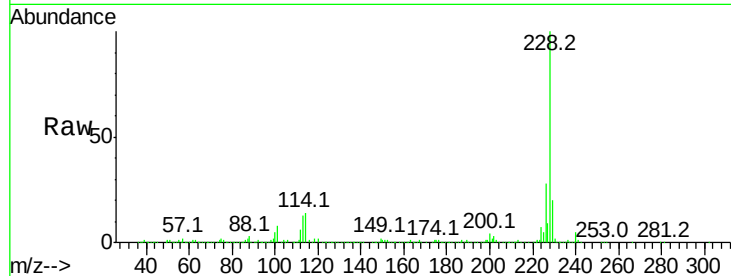
#80
Benzo(a)anthracene
Concen: 26.53 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.0	16.2	24.4

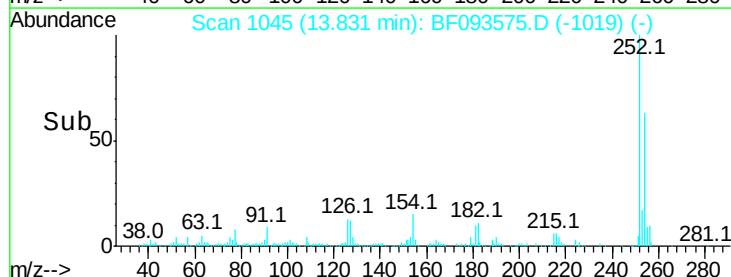
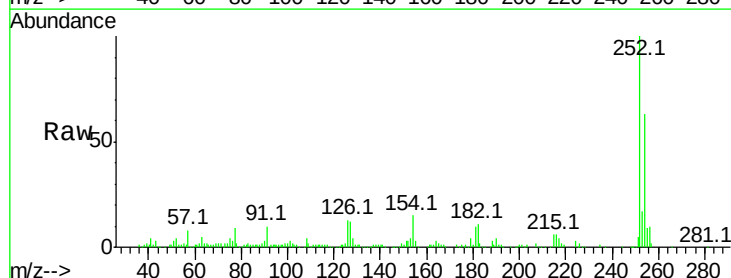
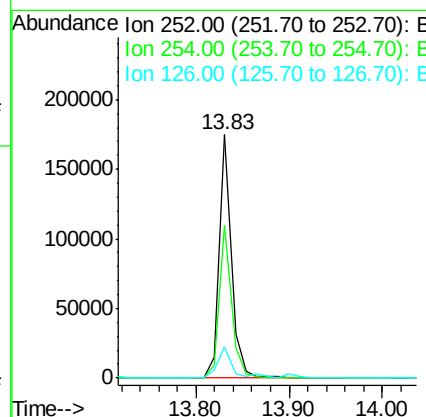
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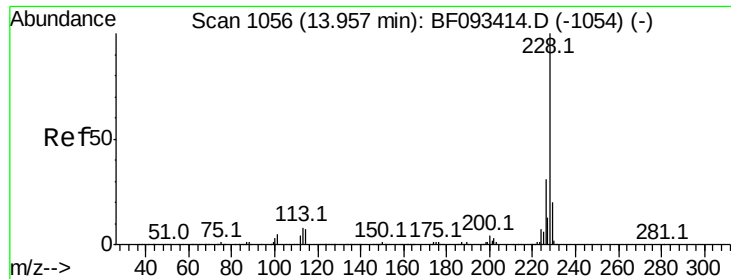
mohammad
3/15/2017 5:32:26 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.75 ng
RT: 13.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.3	78.5
126	12.6	13.6	20.4





#82

Chrysene

Concen: 27.85 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

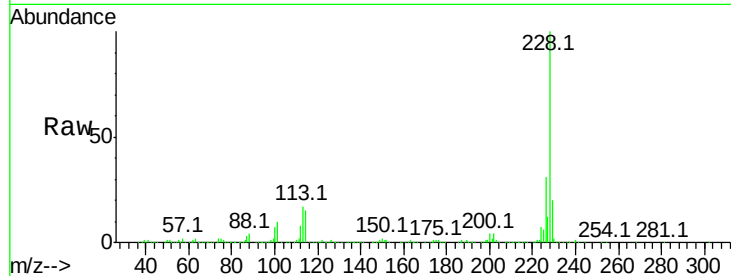
ClientSampleId :

E2-V4-BASEMSD

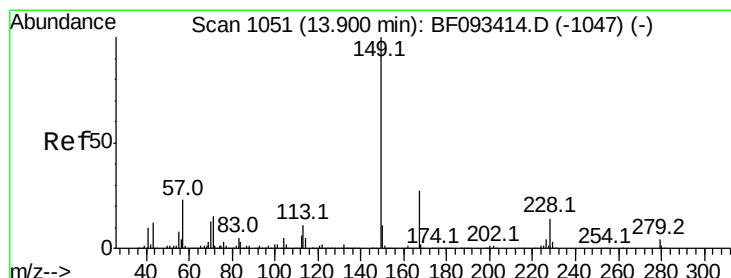
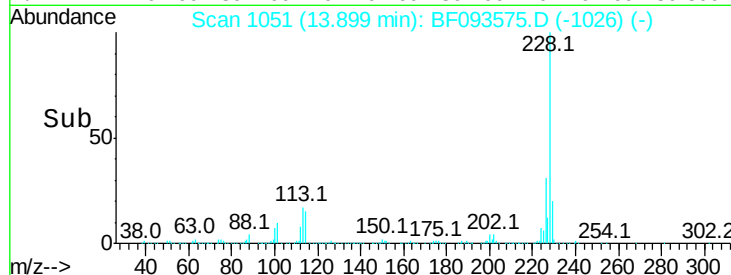
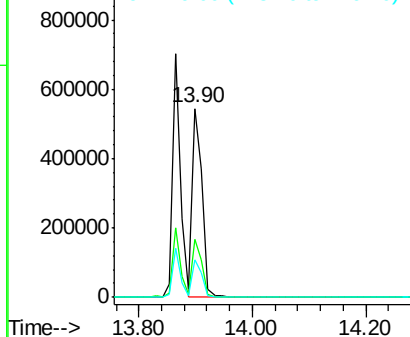
Tot Ion:	228	Resp:	660323
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	20.1	16.2	24.2

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.93 ng

RT: 13.85 min Scan# 1047

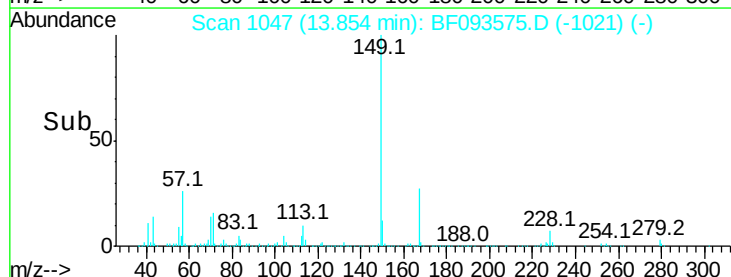
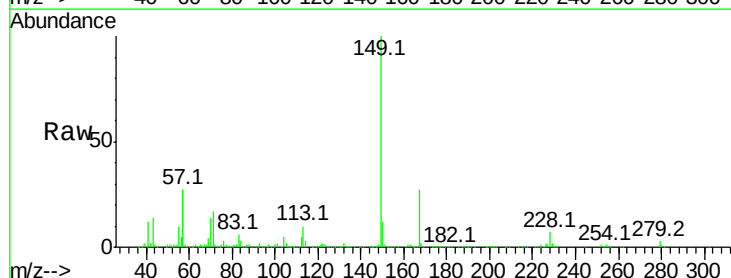
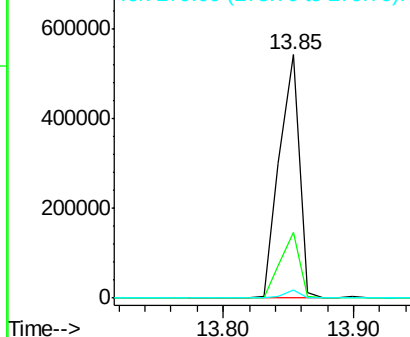
Delta R.T. -0.00 min

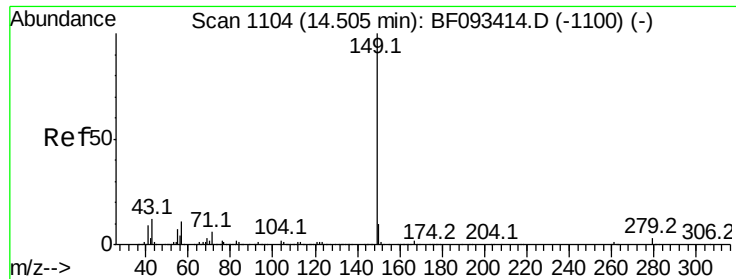
Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:	149	Resp:	591129
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.2	30.4
279	3.5	1.8	2.8#

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





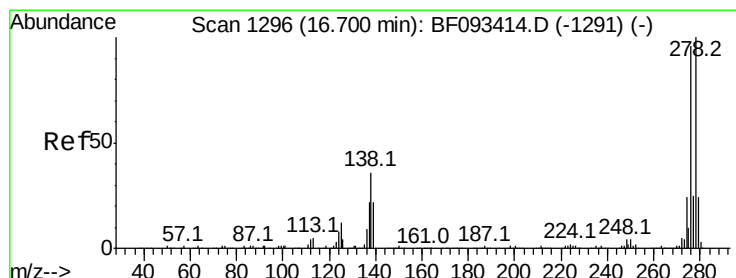
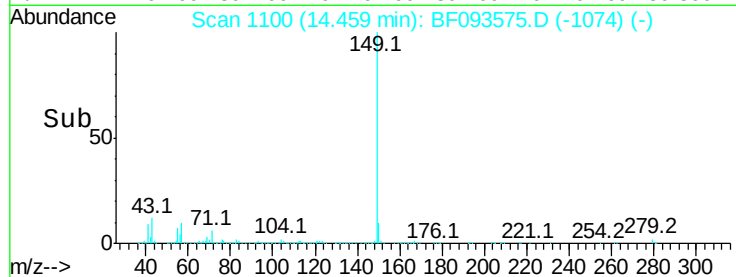
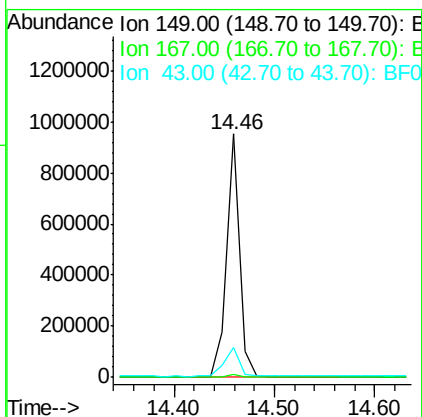
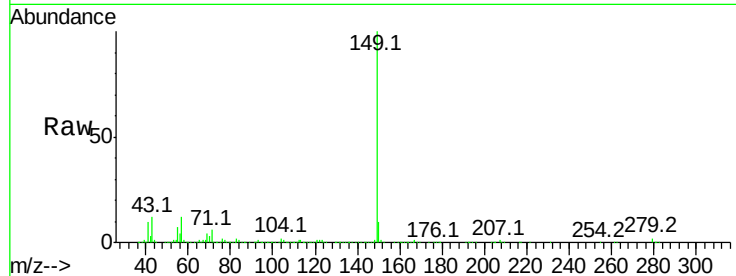
#84
Di-n-octyl phthalate
Concen: 27.58 ng
RT: 14.46 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	13.2	8.9	13.3	

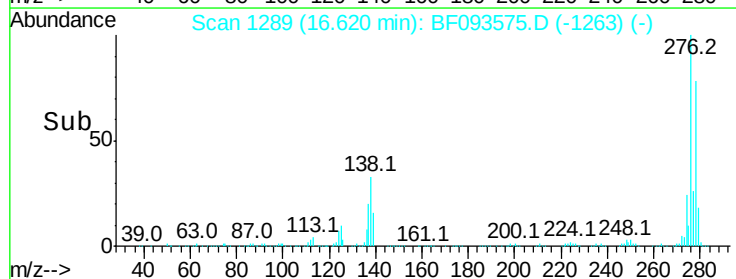
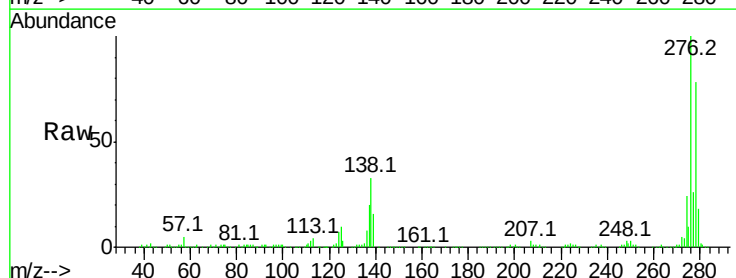
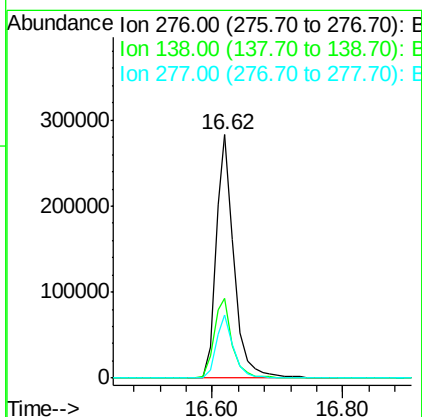
Manual Integrations
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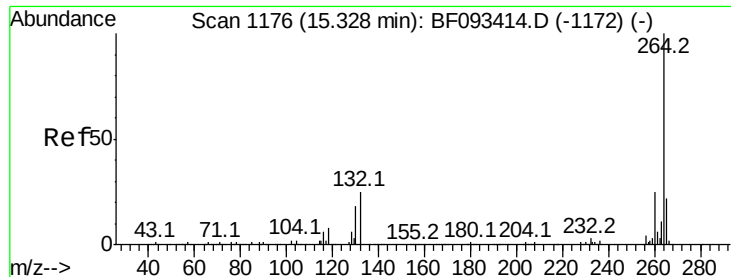
mohammad
3/15/2017 5:32:26 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 27.35 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	34.0	21.8	32.6	#
277	25.2	20.2	30.4	





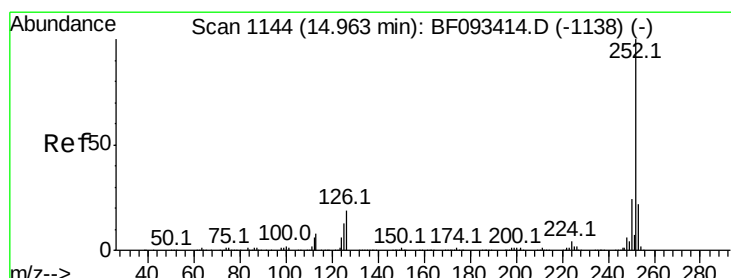
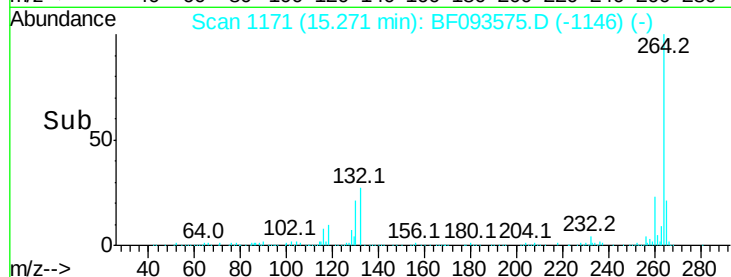
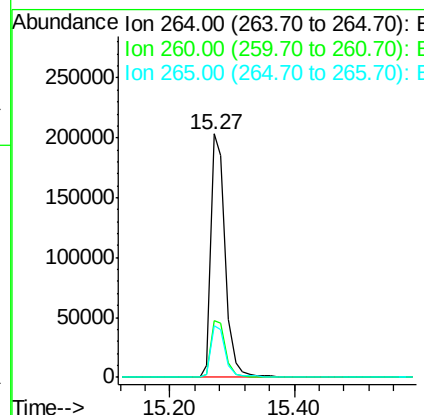
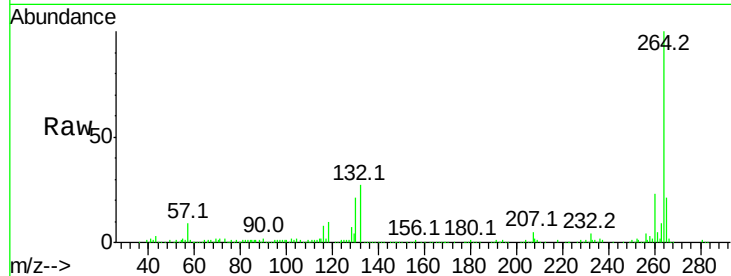
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampled :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.4	26.0

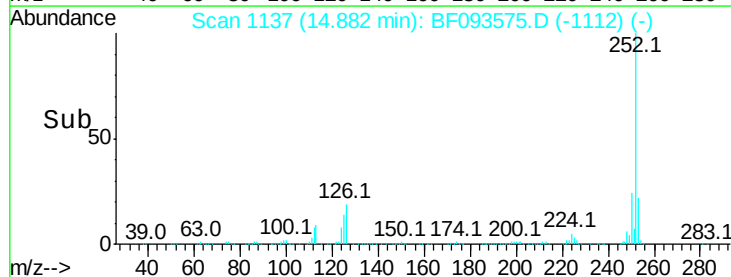
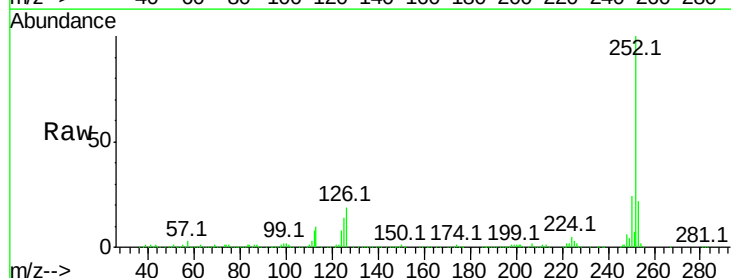
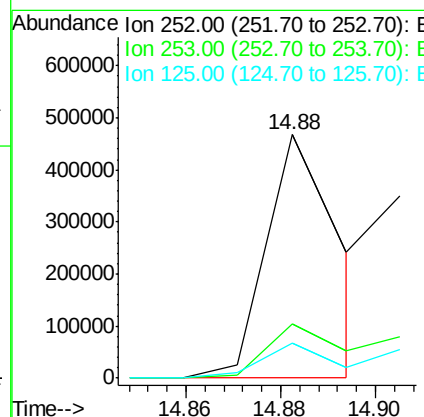
Manual Integrations
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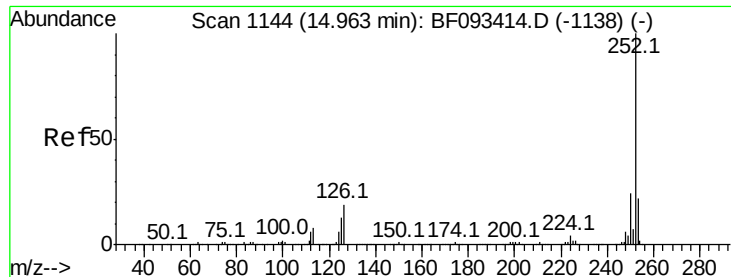
mohammad
3/15/2017 5:32:26 PM



#87
Benzo(b)fluoranthene
Concen: 25.44 ng m
RT: 14.88 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	14.1	9.8	14.6





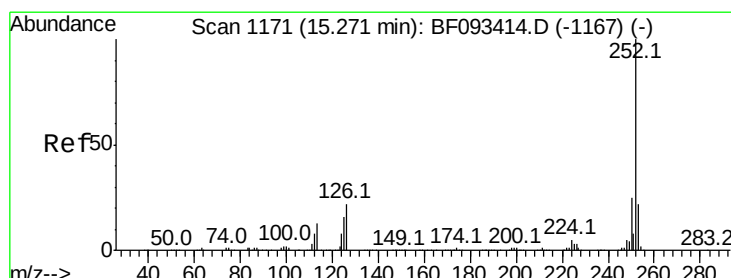
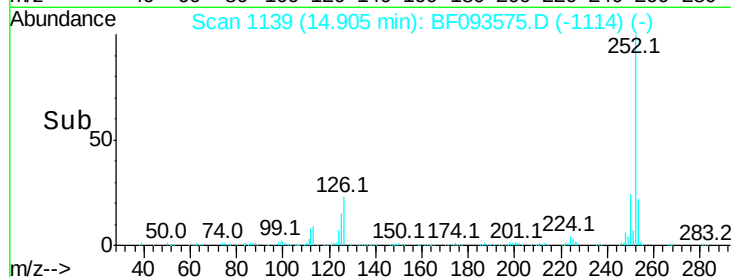
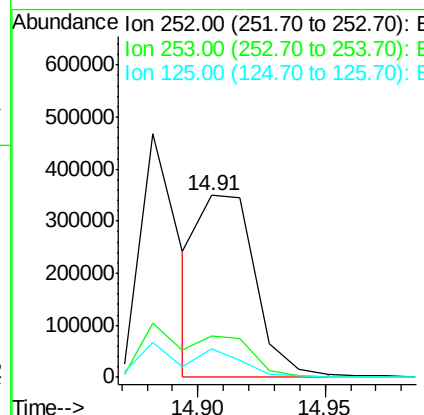
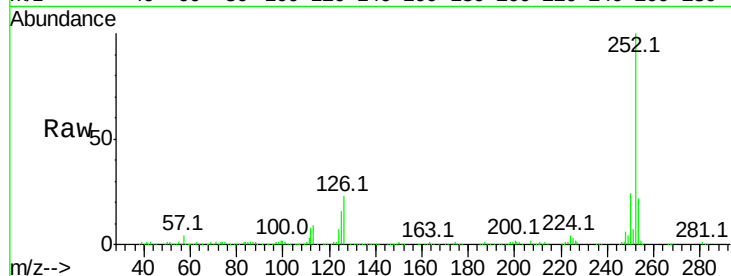
#88
Benzo(k)fluoranthene
Concen: 27.93 ng m
RT: 14.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	15.7	8.9	13.3

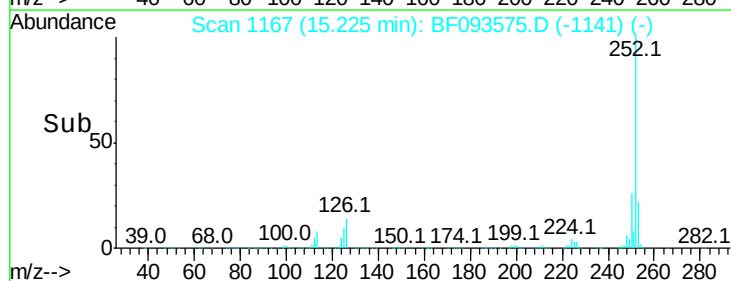
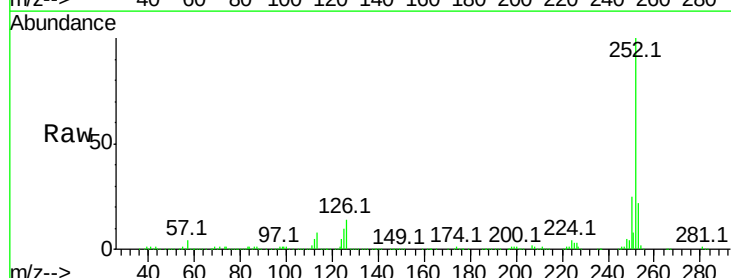
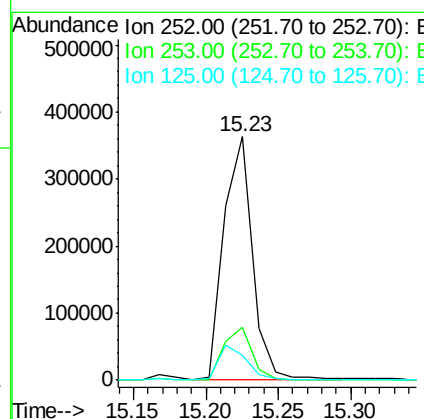
Manual Integrations
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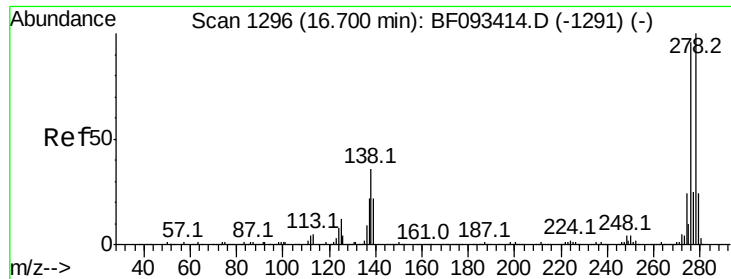
mohammad
3/15/2017 5:32:26 PM



#89
Benzo(a)pyrene
Concen: 27.39 ng
RT: 15.23 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.3	10.0	15.0





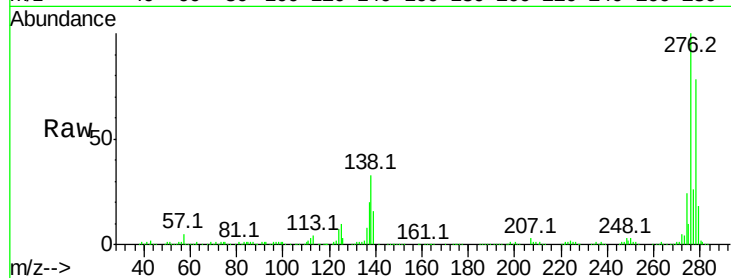
#90
Dibenzo(a,h)anthracene
Concen: 30.36 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASEMSD

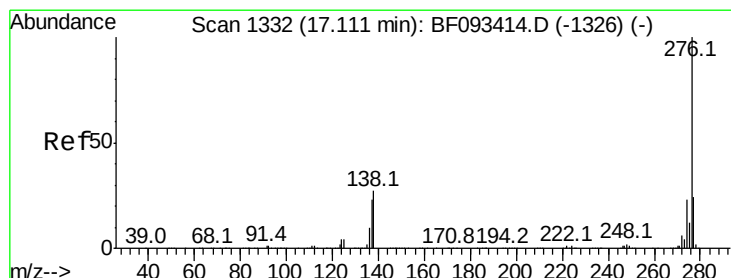
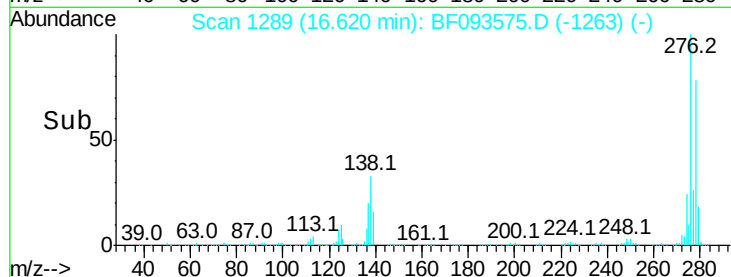
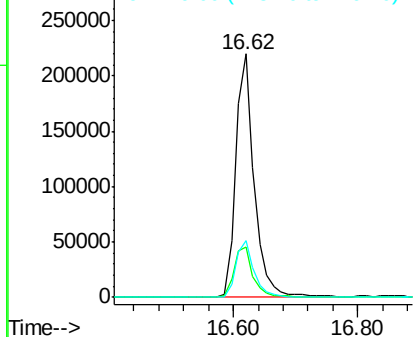
Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.8	22.2
279	23.2	19.8	29.6

Manual Integrations
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3/15/2017 5:32:26 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 31.17 ng
RT: 17.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	27.7	16.0	24.0

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

