

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093179.D
 Acq On : 25 Feb 2017 8:52
 Operator : SJ/MA
 Sample : I1972-21MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Manual Integrations
 APPROVED

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 2/27/2017 1:08:26 PM

Quant Time: Feb 27 00:46:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147415	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	560226	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	250934	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	388207	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	312464	20.00	ng	-0.01
86) Perylene-d12	15.44	264	269917	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	882410	102.70	ng	-0.01
7) Phenol-d6	6.48	99	1120016	101.31	ng	-0.01
23) Nitrobenzene-d5	7.40	82	774586	77.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	161185	88.81	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1195907	86.34	ng	-0.01
78) Terphenyl-d14	12.95	244	687105	51.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	139359	30.02	ng	# 81
3) Pyridine	3.15	79	310918	26.34	ng	# 82
4) n-Nitrosodimethylamine	3.09	42	198118	35.74	ng	# 85
6) Aniline	6.50	93	238016	15.78	ng	# 82
8) 2-Chlorophenol	6.62	128	320696	33.83	ng	# 88
9) Benzaldehyde	6.37	77	147732	18.65	ng	# 87
10) Phenol	6.49	94	453530	35.06	ng	# 94
11) bis(2-Chloroethyl)ether	6.57	93	370559	35.89	ng	# 89
12) 1,3-Dichlorobenzene	6.77	146	390753	35.19	ng	# 96
13) 1,4-Dichlorobenzene	6.85	146	394794	35.13	ng	# 94
14) 1,2-Dichlorobenzene	7.00	146	344326	32.04	ng	# 97
15) Benzyl Alcohol	6.98	79	285885	34.93	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	603933	33.67	ng	# 98
17) 2-Methylphenol	7.10	107	249695	30.70	ng	# 98
18) Hexachloroethane	7.34	117	113695	29.64	ng	# 93
19) n-Nitroso-di-n-propylamine	7.25	70	246687	35.05	ng	# 94
20) 3+4-Methylphenols	7.26	107	334788	34.43	ng	# 74
22) Acetophenone	7.25	105	496431	38.81	ng	# 97
24) Nitrobenzene	7.42	77	370397	35.86	ng	# 100
25) Isophorone	7.66	82	683245	36.45	ng	# 96
26) 2-Nitrophenol	7.74	139	174302	35.50	ng	# 95
27) 2,4-Dimethylphenol	7.79	122	241186	27.97	ng	# 95
28) bis(2-Chloroethoxy)methane	7.88	93	482458	38.86	ng	# 99
29) 2,4-Dichlorophenol	8.00	162	267111	33.21	ng	# 98
30) 1,2,4-Trichlorobenzene	8.06	180	285647	32.96	ng	# 94
31) Naphthalene	8.14	128	931875	32.81	ng	# 99
32) Benzoic acid	7.93	122	1253m	7.38	ng	# 98
33) 4-Chloroaniline	8.20	127	181559	16.30	ng	# 99
34) Hexachlorobutadiene	8.26	225	147229	30.87	ng	# 99
35) Caprolactam	8.57	113	81602	32.25	ng	# 43
36) 4-Chloro-3-methylphenol	8.69	107	289904	34.57	ng	# 96
37) 2-Methylnaphthalene	8.84	142	657712	36.07	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	256732	36.45	ng	# 99
40) Hexachlorocyclopentadiene	8.99	237	54171	17.05	ng	# 95

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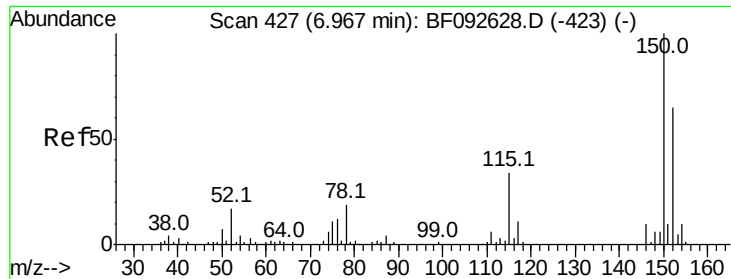
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	178256	38.51	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	178350	35.17	nq #	85
45) 1,1'-Biphenyl	9.30	154	699017	38.47	nq	96
46) 2-Chloronaphthalene	9.33	162	577230	40.61	nq	94
47) 2-Nitroaniline	9.42	65	186412	39.01	nq	85
48) Acenaphthylene	9.74	152	897323	36.54	nq	98
49) Dimethylphthalate	9.61	163	871783	51.58	nq	99
50) 2,6-Dinitrotoluene	9.68	165	154616	42.36	nq	95
51) Acenaphthene	9.92	154	532874	36.30	nq	97
52) 3-Nitroaniline	9.85	138	127694	30.57	nq #	72
53) 2,4-Dinitrophenol	9.96	184	5367	7.45	nq #	58
54) Dibenzofuran	10.09	168	782227	39.84	nq	93
55) 4-Nitrophenol	10.02	139	155596	51.72	nq #	80
56) 2,4-Dinitrotoluene	10.08	165	162765	33.49	nq #	92
57) Fluorene	10.43	166	596315	39.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	116361	34.40	nq	93
59) Diethylphthalate	10.30	149	649862	40.80	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	256247	35.31	nq	91
61) 4-Nitroaniline	10.45	138	134221	31.37	nq	91
62) Azobenzene	10.58	77	686474	41.72	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	21872	11.41	nq #	61
65) n-Nitrosodiphenylamine	10.54	169	502083	40.49	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	151358	37.32	nq #	88
67) Hexachlorobenzene	10.98	284	135645	33.84	nq	99
68) Atrazine	11.07	200	154396	38.80	nq	98
69) Pentachlorophenol	11.17	266	95962	49.41	nq	96
70) Phenanthrene	11.39	178	818538	36.80	nq	98
71) Anthracene	11.44	178	720012	32.24	nq	98
72) Carbazole	11.60	167	615832	28.84	nq	99
73) Di-n-butylphthalate	11.93	149	898106	38.90	nq #	97
74) Fluoranthene	12.58	202	755020	32.91	nq	95
76) Benzidine	12.71	184	114922	8.63	nq	96
77) Pyrene	12.81	202	753524	32.22	nq	99
79) Butylbenzylphthalate	13.43	149	324887	34.21	nq	87
80) Benzo(a)anthracene	14.00	228	625669	32.74	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	159336	23.39	nq #	95
82) Chrysene	14.03	228	512278	28.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	445644	34.32	nq #	97
84) Di-n-octyl phthalate	14.59	149	741245	35.05	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	454369	32.78	nq #	94
87) Benzo(b)fluoranthene	15.03	252	543102m	30.57	nq	
88) Benzo(k)fluoranthene	15.06	252	563161m	36.71	nq	
89) Benzo(a)pyrene	15.38	252	497040	32.34	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	383569	30.88	nq #	95
91) Benzo(g,h,i)perylene	17.27	276	357595	28.50	nq #	89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

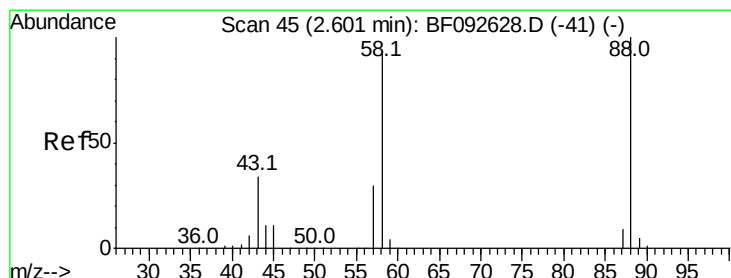
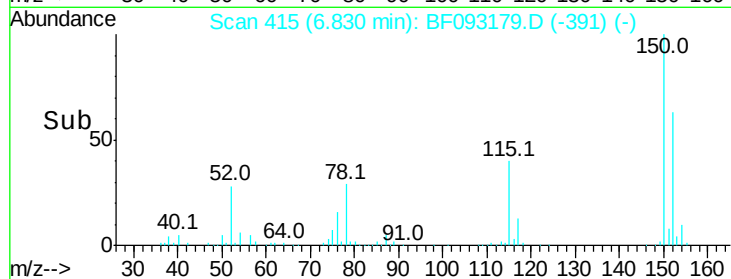
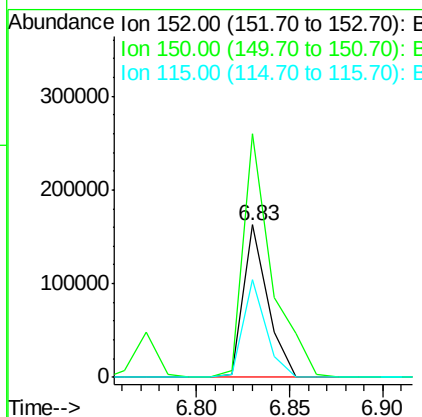
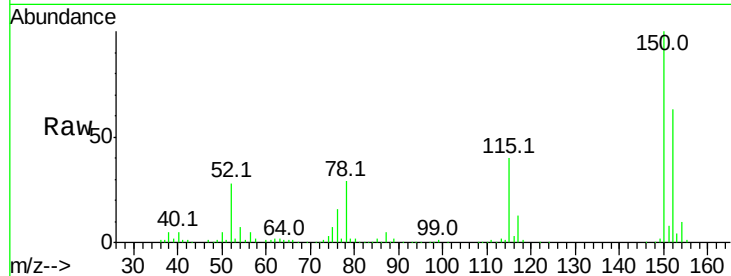
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	152	Resp:	147415
Ion Ratio	Lower	Upper	
152	100		
150	159.8	124.9	187.3
115	64.2	46.0	69.0

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#2

1,4-Dioxane

Concen: 30.02 ng

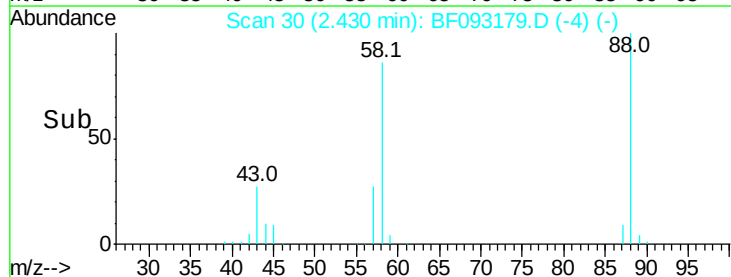
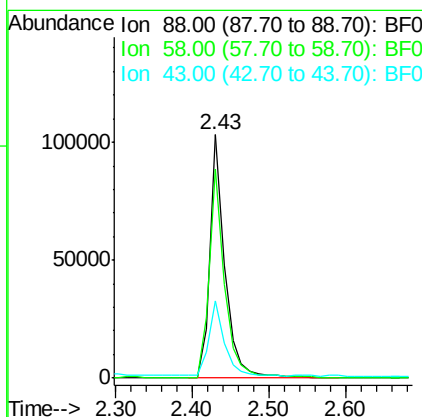
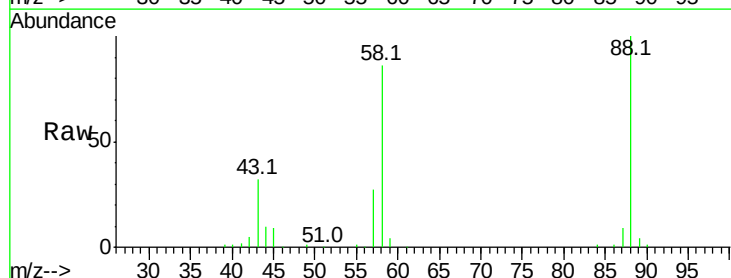
RT: 2.43 min Scan# 30

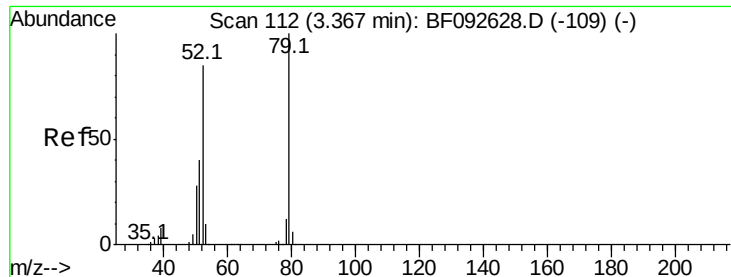
Delta R.T. -0.00 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	88	Resp:	139359
Ion Ratio	Lower	Upper	
88	100		
58	90.5	57.8	86.8#
43	33.3	22.3	33.5





#3

Pvridine

Concen: 26.34 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.00 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

ClientSampleId :

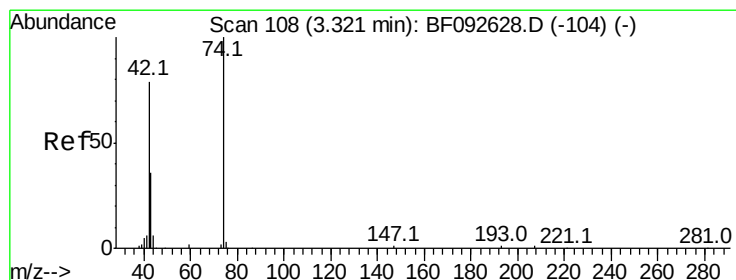
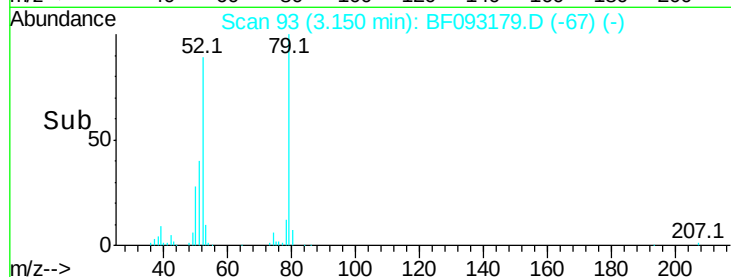
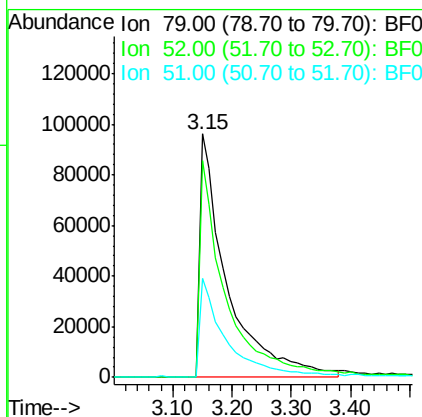
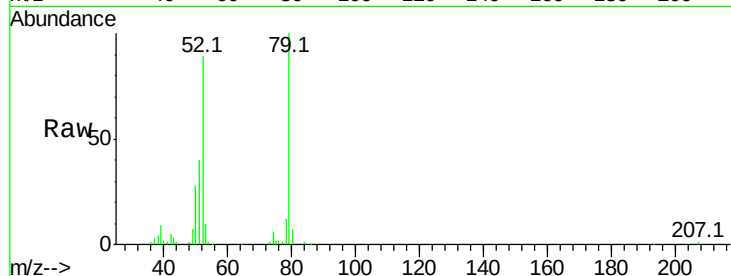
E2-Z5-BASEMS

Tot Ion: 79 Resp: 310918

Ion	Ratio	Lower	Upper
79	100		
52	89.0	57.1	85.7#
51	40.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 35.74 ng

RT: 3.09 min Scan# 88

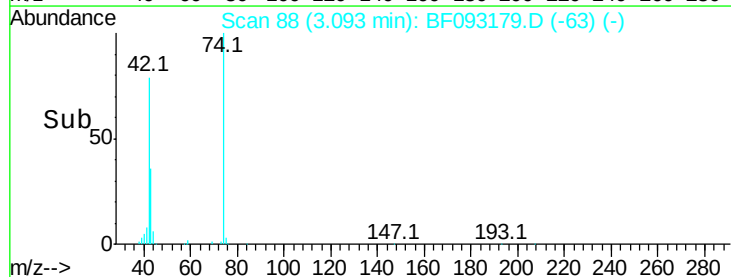
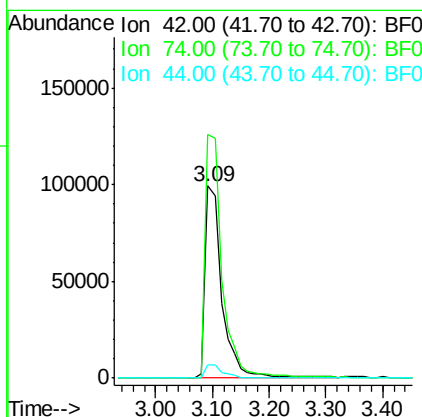
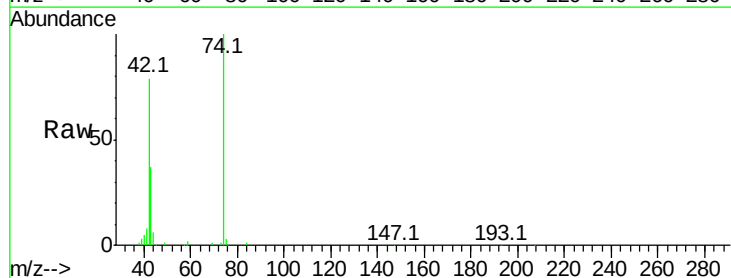
Delta R.T. -0.01 min

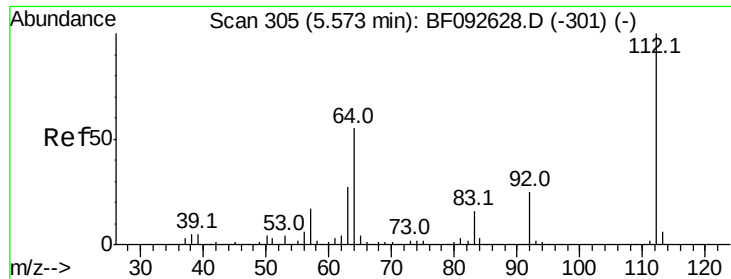
Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion: 42 Resp: 198118

Ion	Ratio	Lower	Upper
42	100		
74	126.6	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 102.70 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

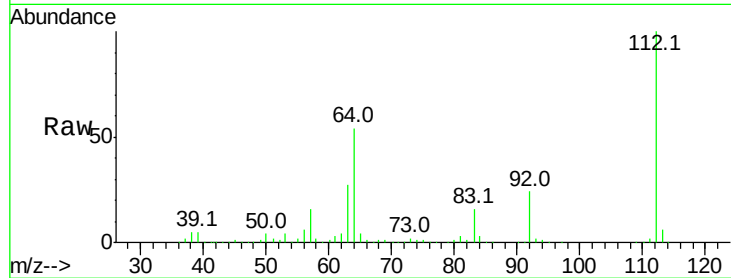
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	112	Resp:	882410
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.1	69.1
63	26.9	23.8	35.6

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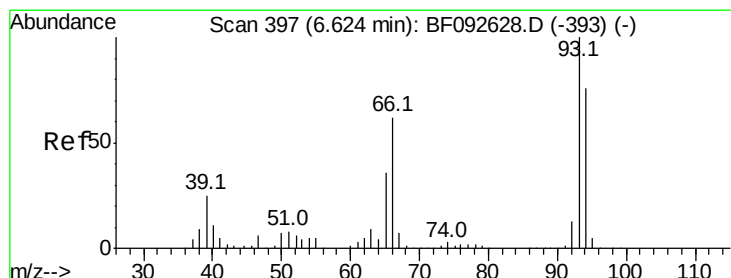
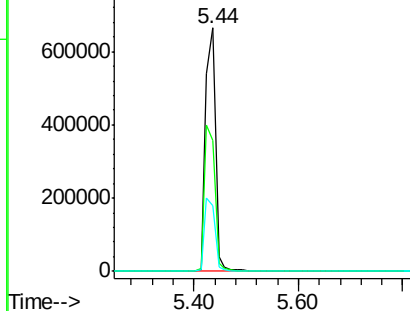
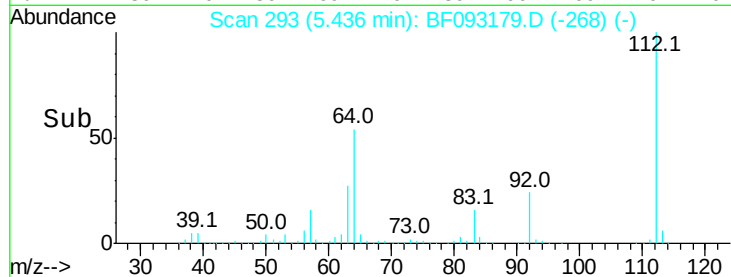
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.78 ng

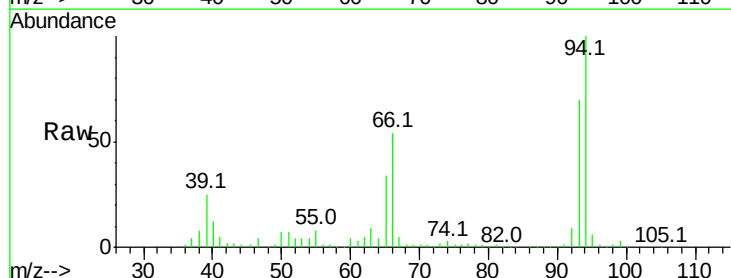
RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

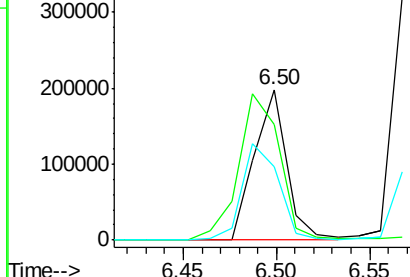
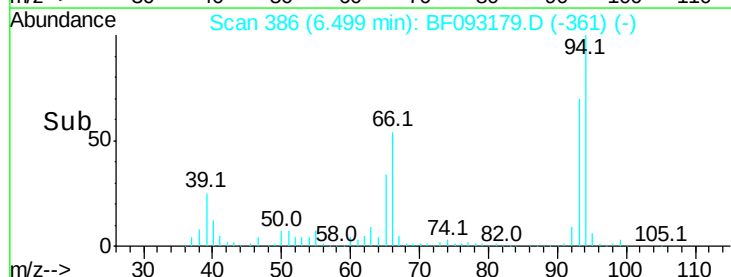
Tgt Ion:	93	Resp:	238016
Ion Ratio	Lower	Upper	
93	100		
66	77.1	76.2	114.2
65	48.4	49.3	73.9#

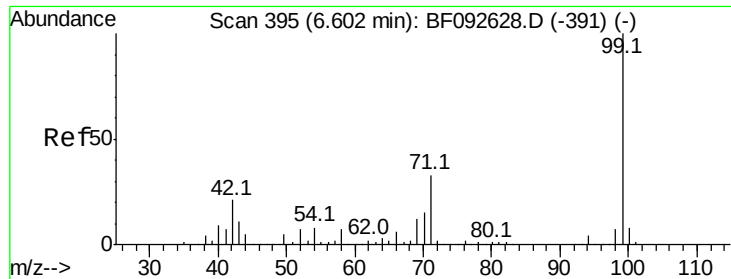


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMS

Tot Ion: 99 Resp: 1120016

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

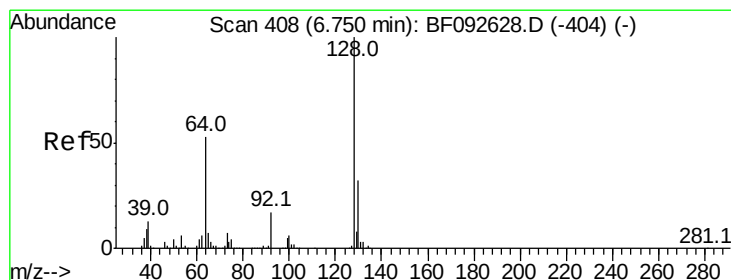
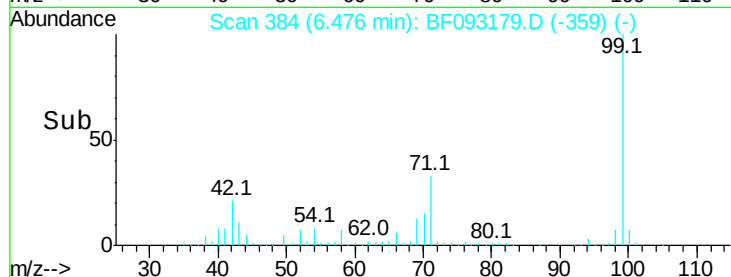
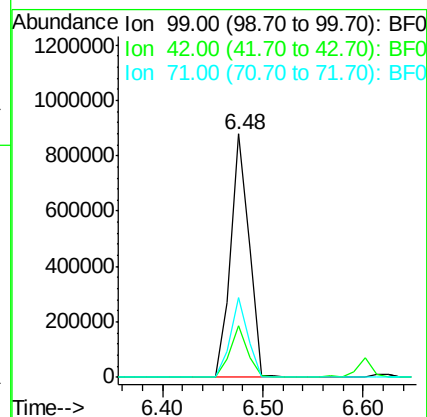
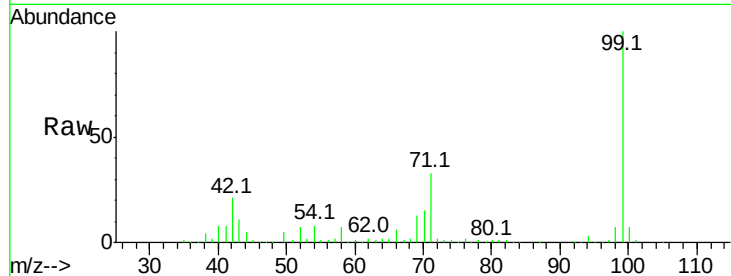
71 32.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 33.83 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

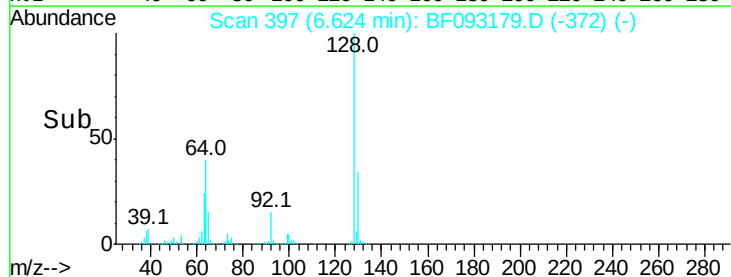
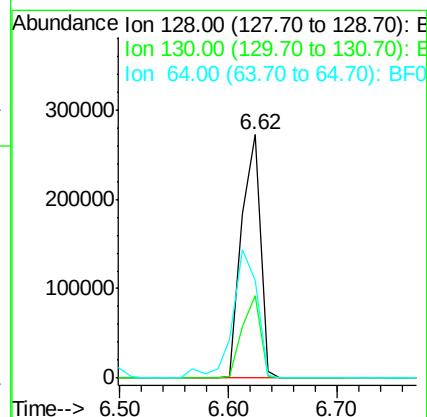
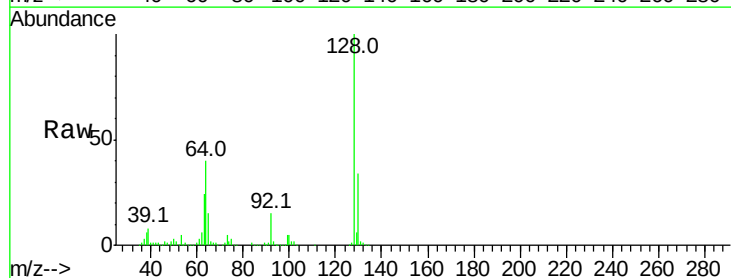
Tgt Ion: 128 Resp: 320696

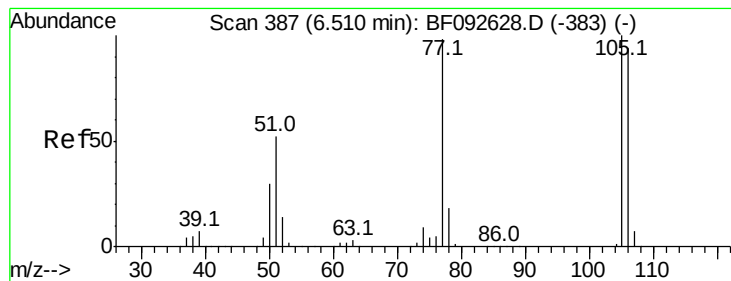
Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

64 39.9 32.2 72.2





#9

Benzaldehyde

Concen: 18.65 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

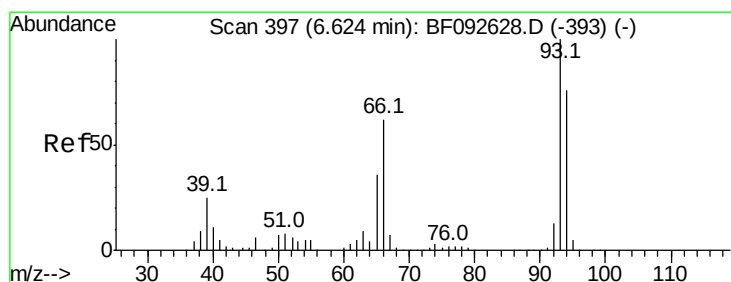
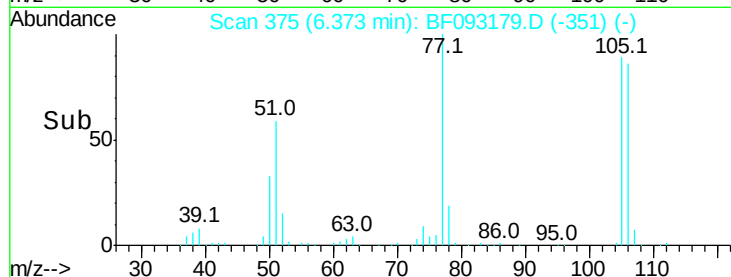
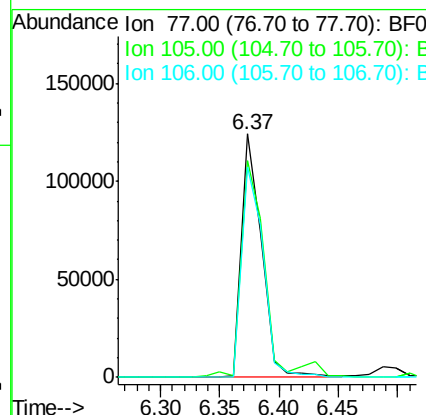
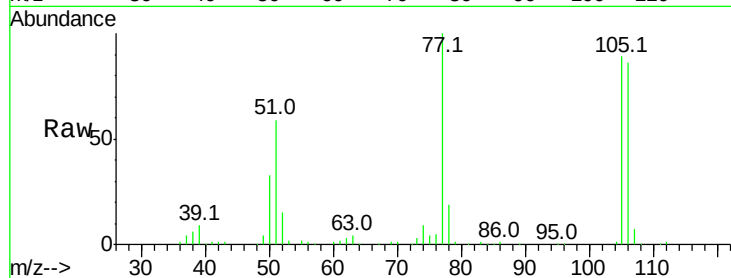
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	77	Resp:	147732
Ion	Ratio	Lower	Upper
77	100		
105	88.9	83.9	123.9
106	86.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 35.06 ng

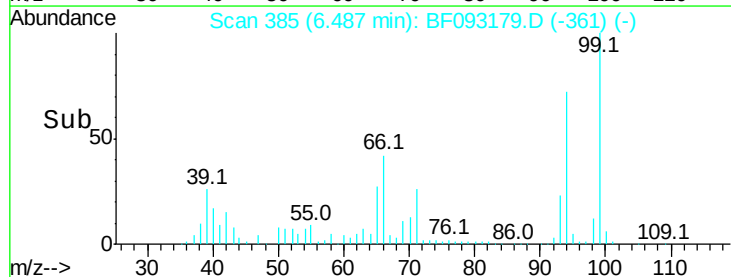
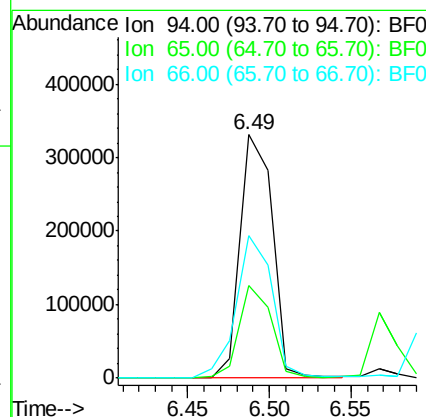
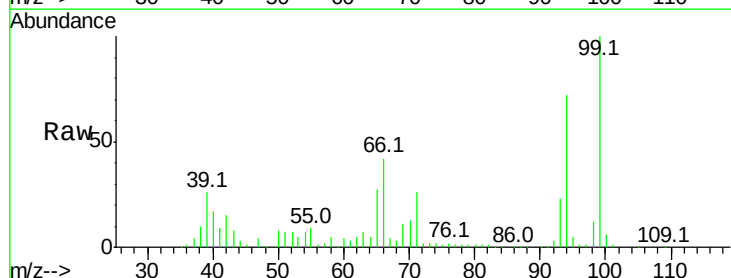
RT: 6.49 min Scan# 385

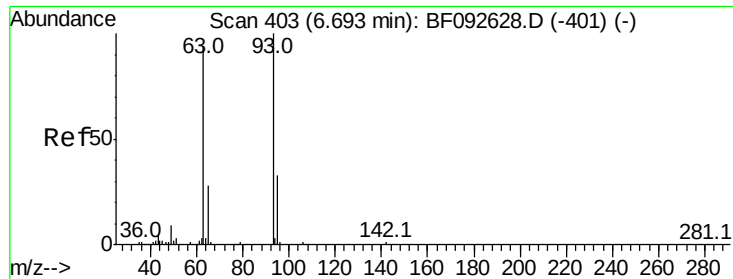
Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	94	Resp:	453530
Ion	Ratio	Lower	Upper
94	100		
65	38.1	21.4	61.4
66	58.3	44.0	84.0





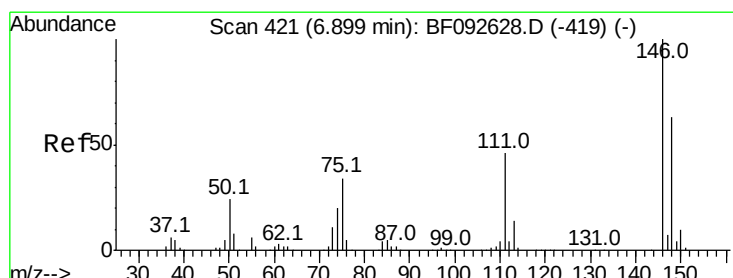
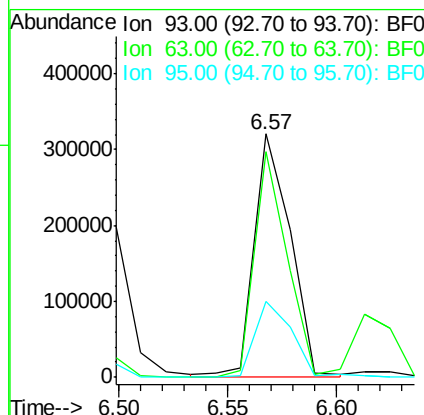
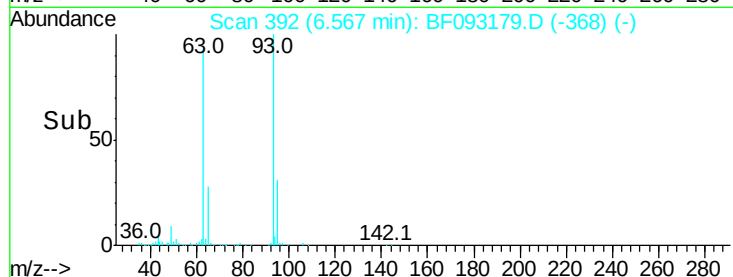
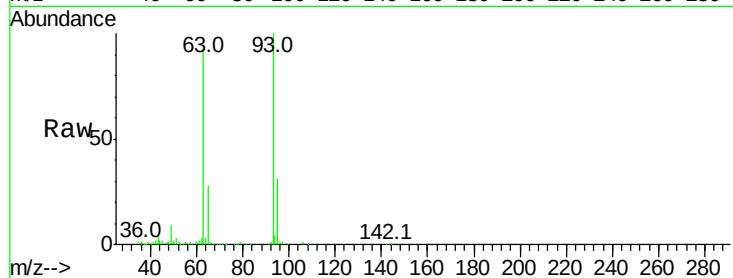
#11
bis(2-Chloroethyl)ether
Concen: 35.89 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.6	60.4	100.4
95	31.3	12.8	52.8

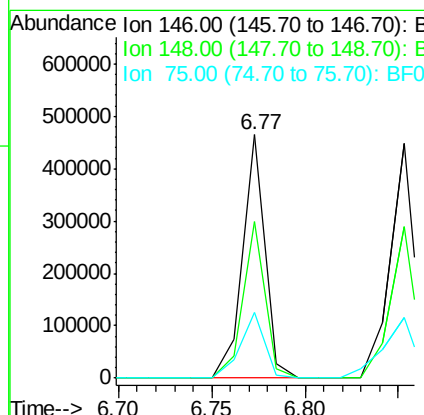
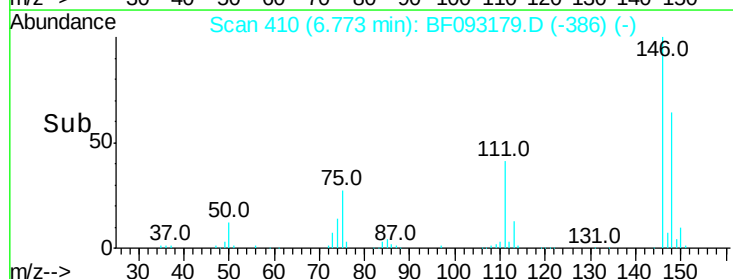
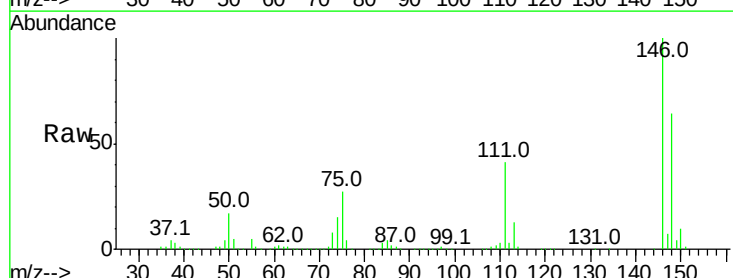
Manual Integrations
APPROVED

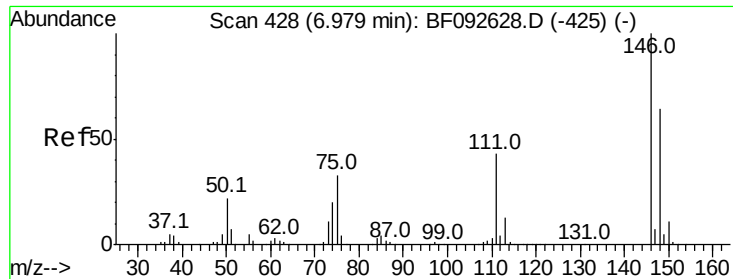
mohammad
2/27/2017 1:08:26 PM



#12
1,3-Dichlorobenzene
Concen: 35.19 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.4	80.0
75	27.2	18.5	27.7





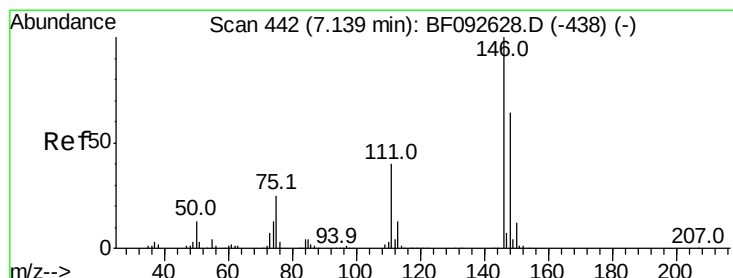
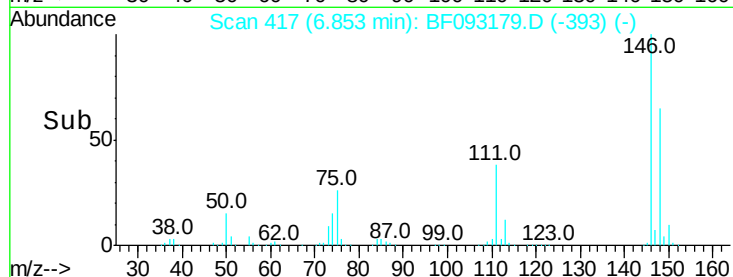
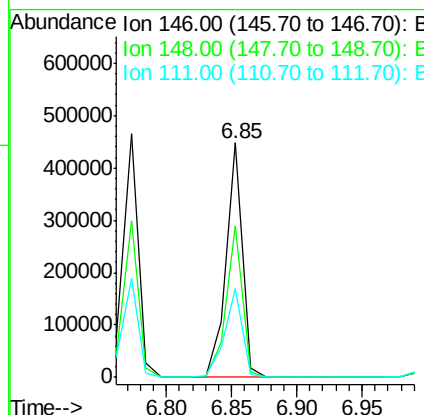
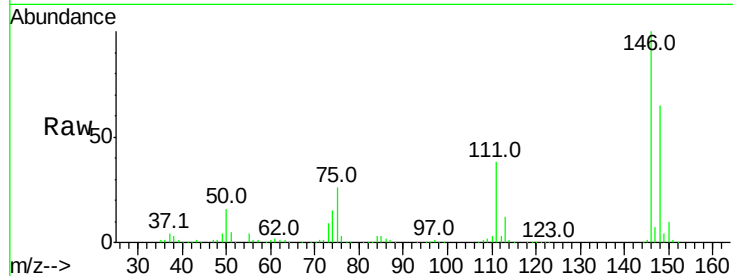
#13
 1,4-Dichlorobenzene
 Concen: 35.13 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	37.7	36.2	54.4

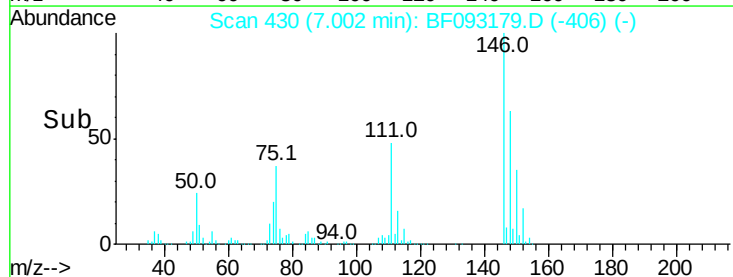
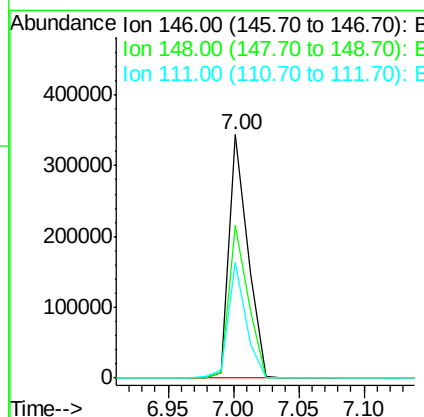
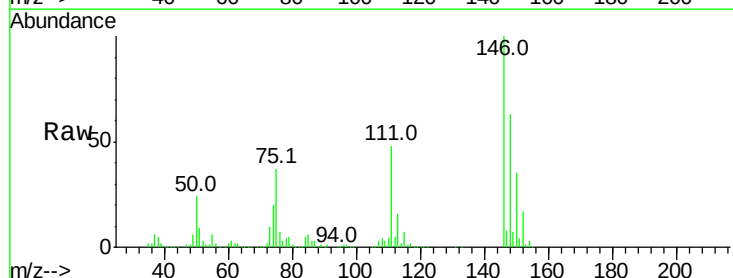
Manual Integrations
 APPROVED

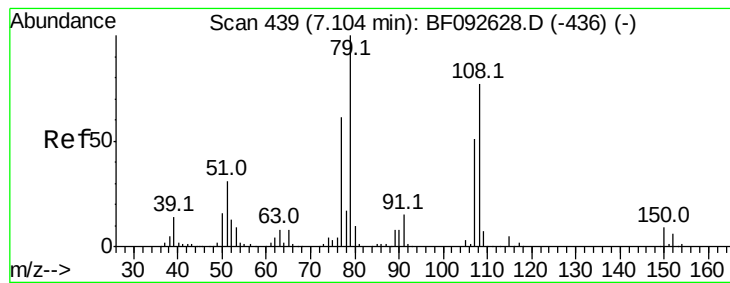
mohammad
 2/27/2017 1:08:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.04 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	47.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 34.93 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMS

Tot Ion: 79 Resp: 285885

Ion Ratio Lower Upper

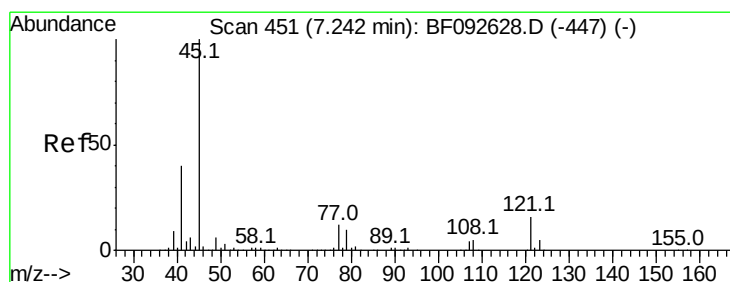
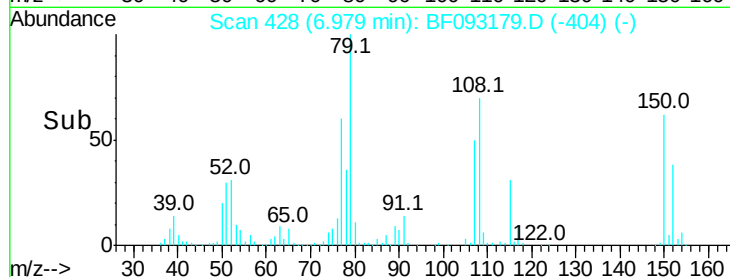
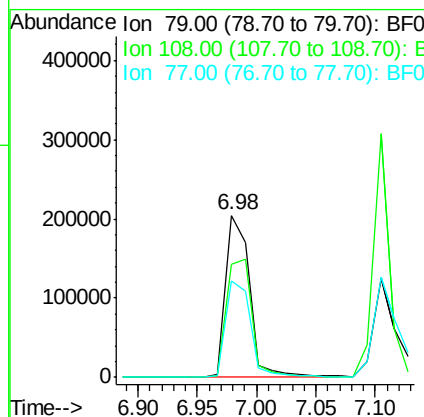
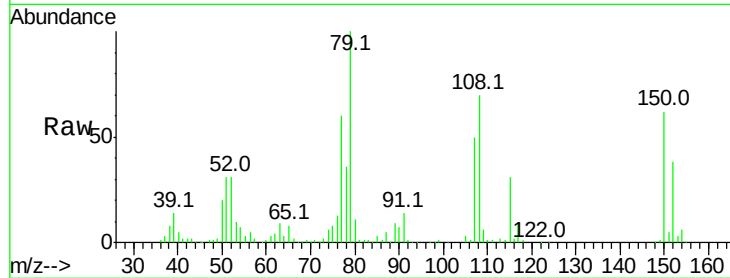
79 100

108 70.2 61.4 92.0

77 59.6 50.9 76.3

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.67 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

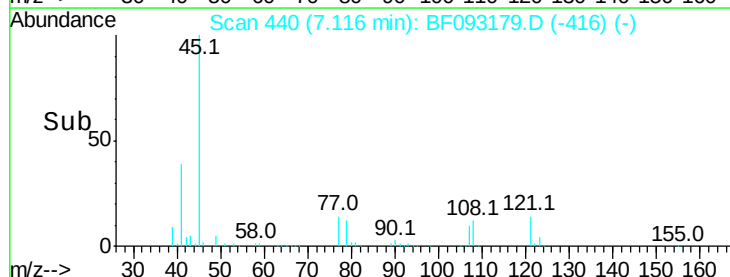
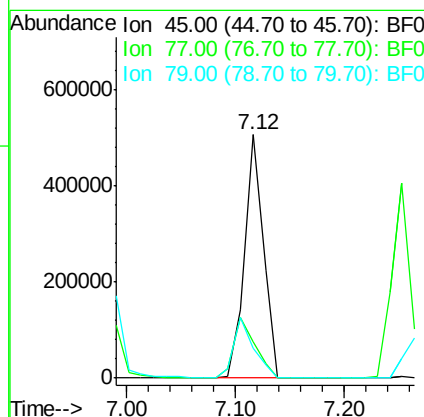
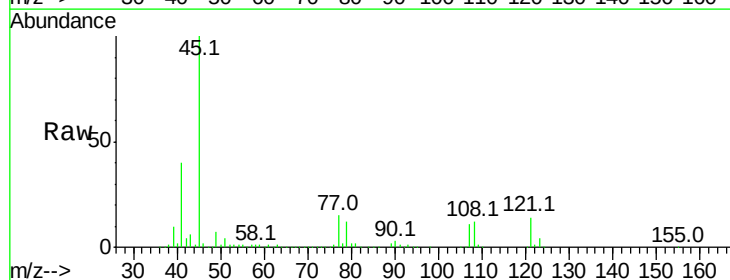
Tgt Ion: 45 Resp: 603933

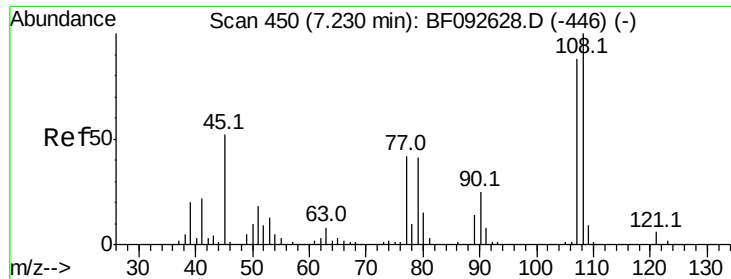
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.6

79 12.4 0.0 31.2





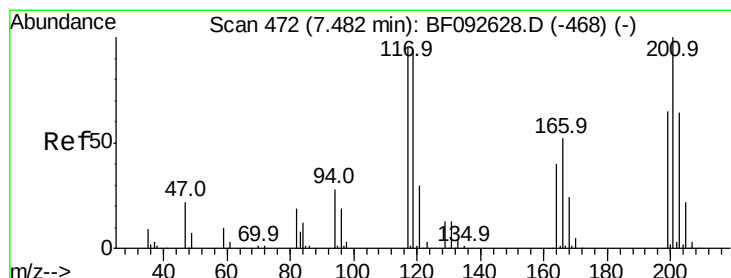
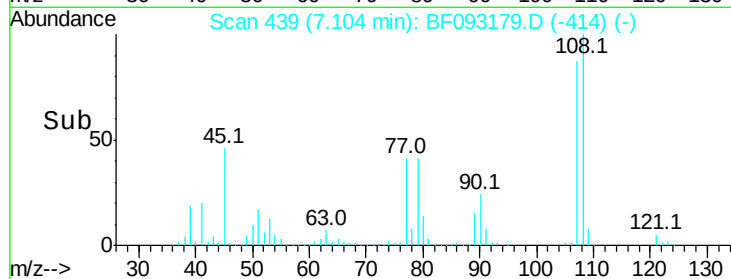
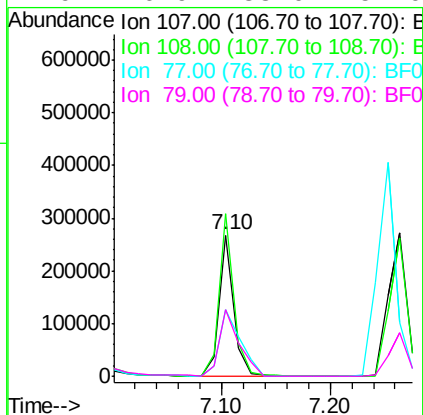
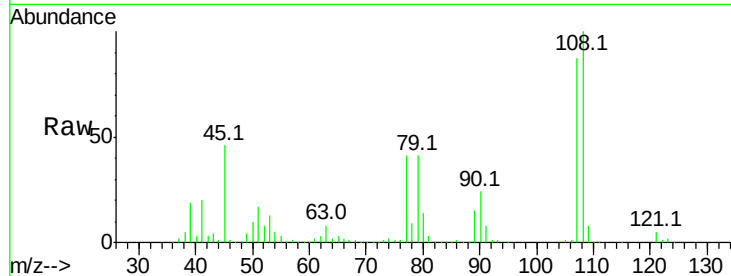
#17
2-Methylphenol
Concen: 30.70 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	249695		
108	108.00	114.9		93.0	139.6
77	77.00	47.4		39.8	59.8
79	79.00	46.9		38.0	57.0

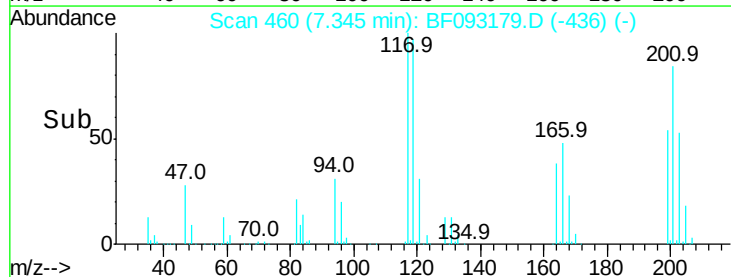
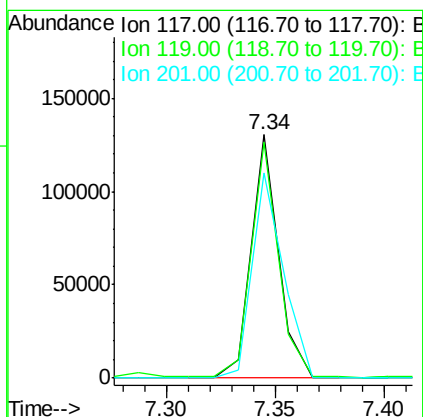
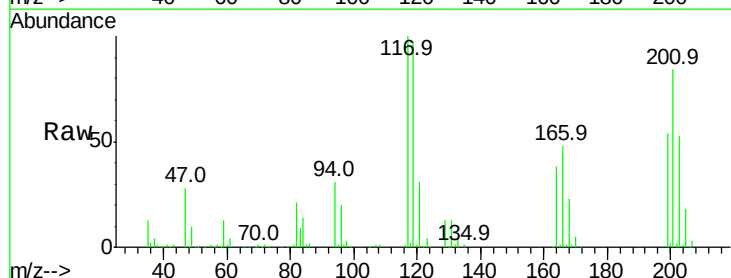
Manual Integrations
APPROVED

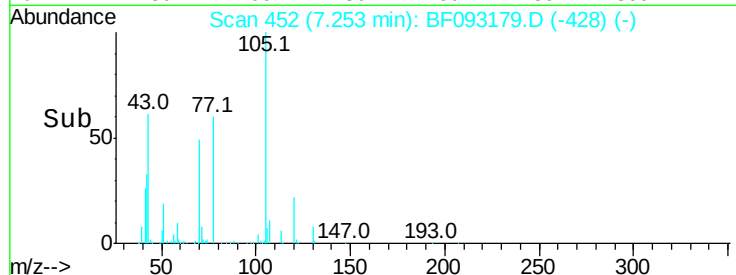
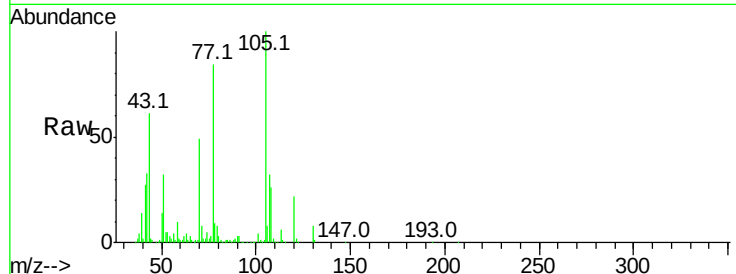
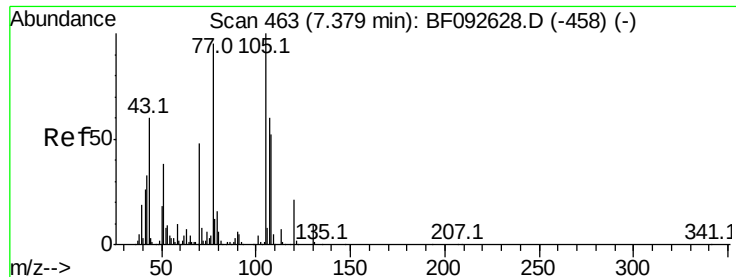
mohammad
2/27/2017 1:08:26 PM



#18
Hexachloroethane
Concen: 29.64 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	113695		
119	119.00	97.1		78.1	117.1
201	201.00	84.1		78.6	117.8





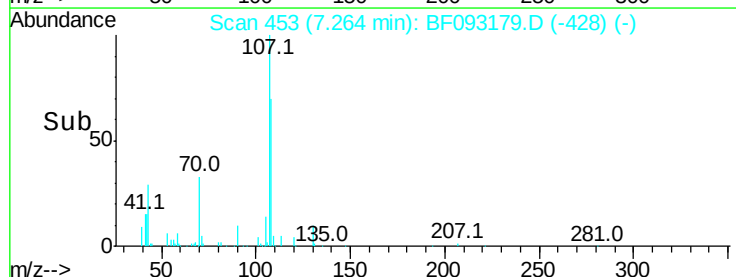
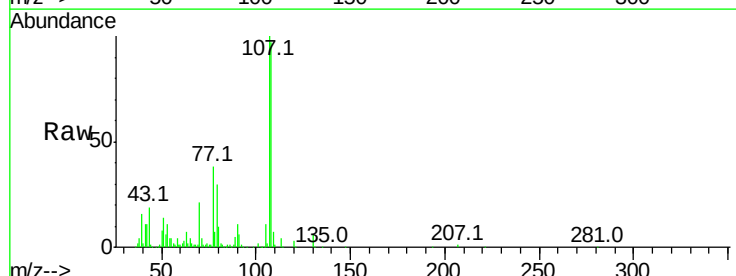
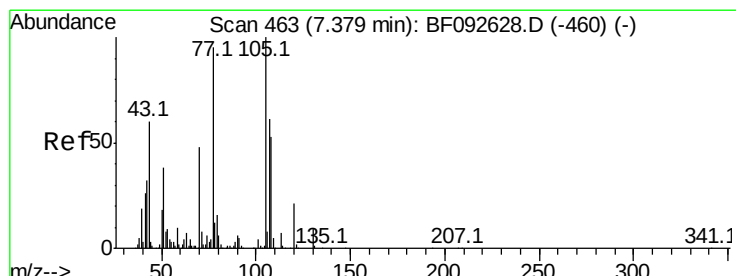
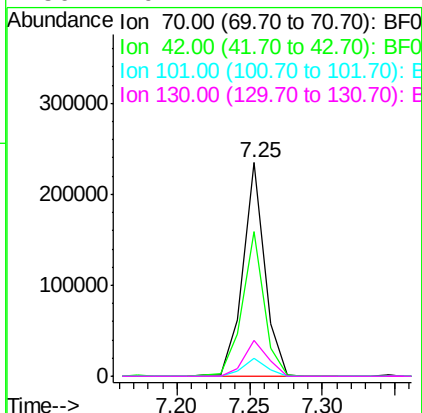
#19
n-Nitroso-di-n-propylamine
Concen: 35.05 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.8	49.4	74.0
101	8.4	7.4	11.2
130	16.7	14.2	21.4

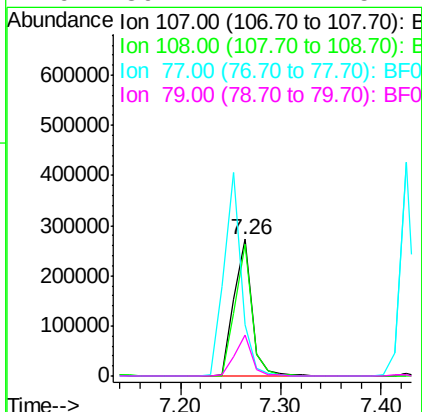
Manual Integrations
APPROVED

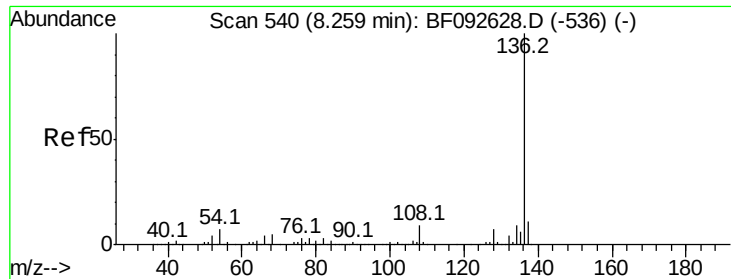
mohammad
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#20
3+4-Methylphenols
Concen: 34.43 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.7	73.0	113.0
77	37.7	71.3	111.3#
79	30.2	11.1	51.1





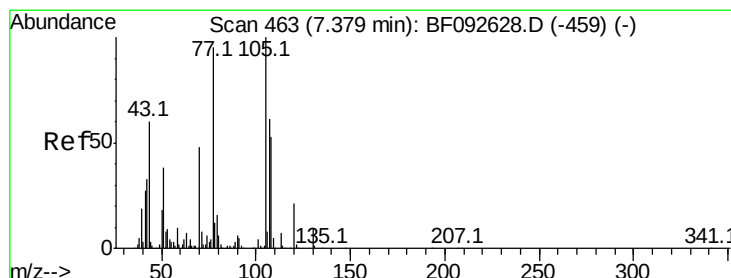
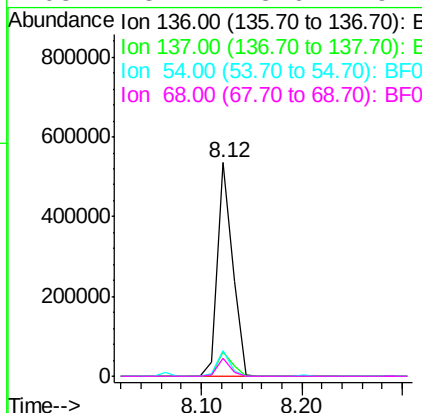
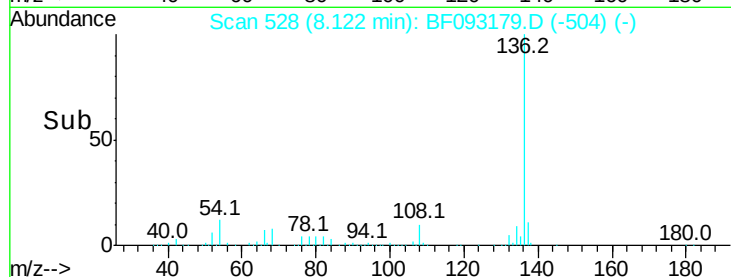
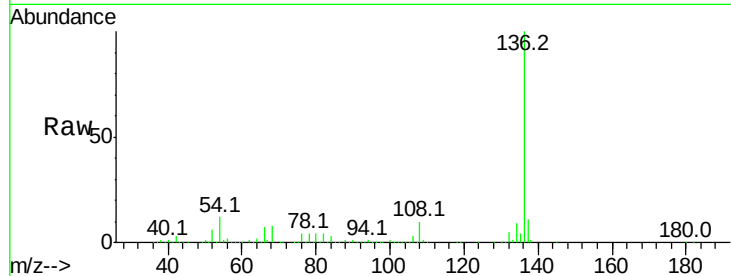
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		560226		
137	11.3	8.4	12.6		
54	12.2	4.5	6.7#		
68	8.2	3.6	5.4#		

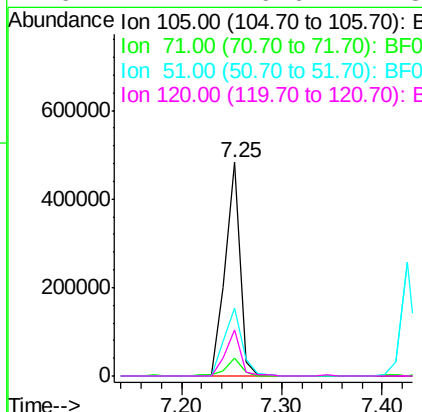
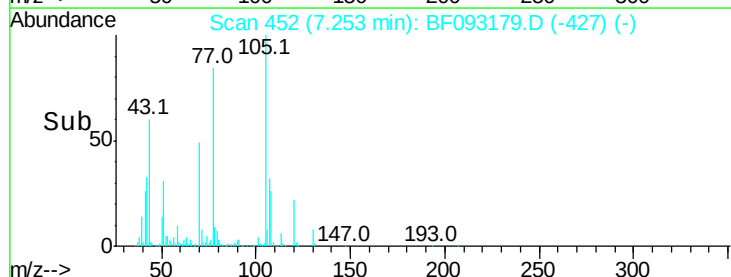
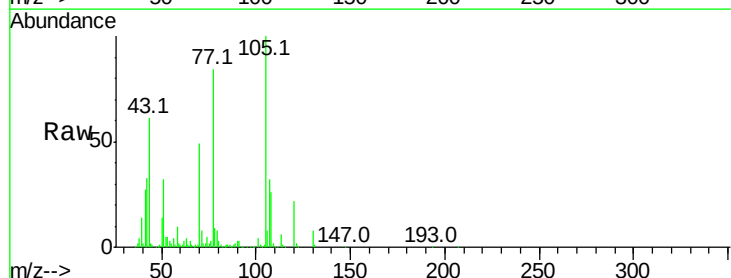
Manual Integrations
APPROVED

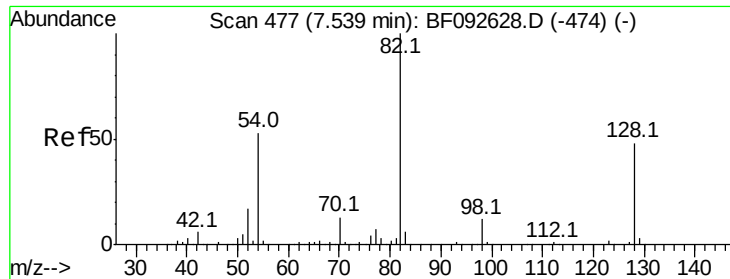
mohammad
2/27/2017 1:08:26 PM



#22
Acetophenone
Concen: 38.81 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		496431		
71	8.4	3.2	4.8#		
51	31.6	26.2	39.4		
120	21.7	16.6	24.8		





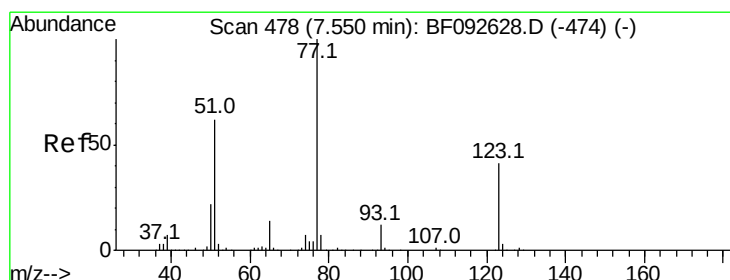
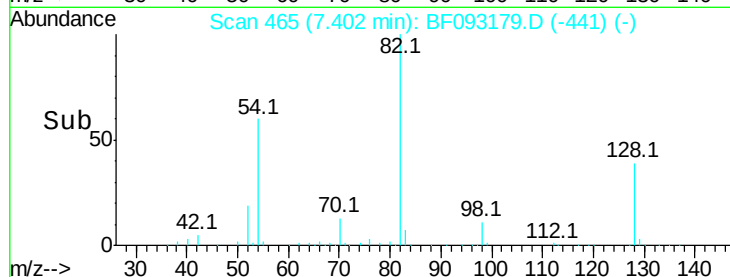
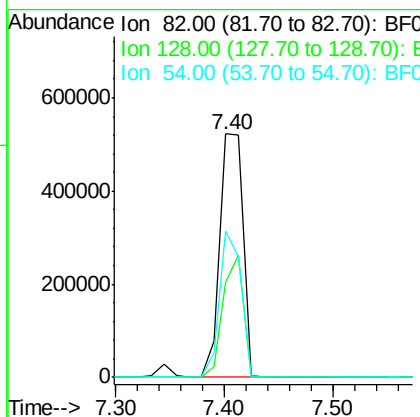
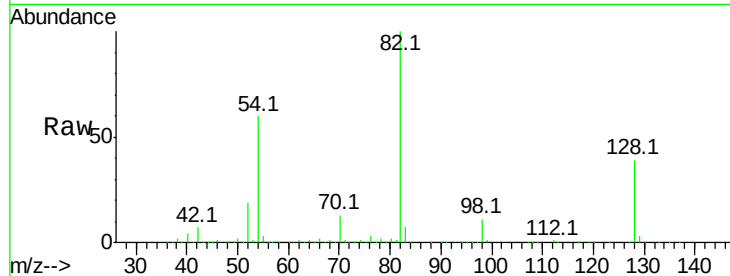
#23
Nitrobenzene-d5
Concen: 77.00 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	34.6	52.0	
54	60.0	39.5	59.3	

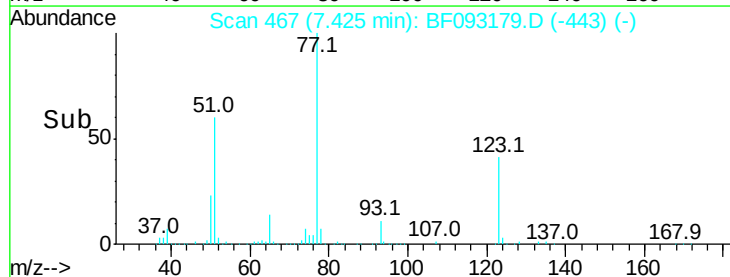
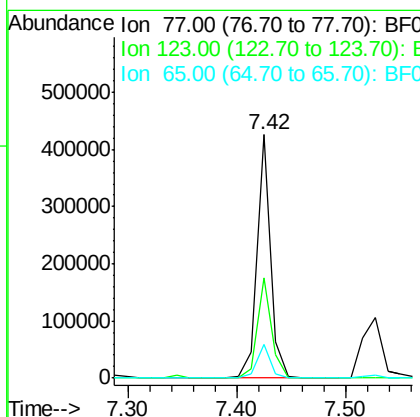
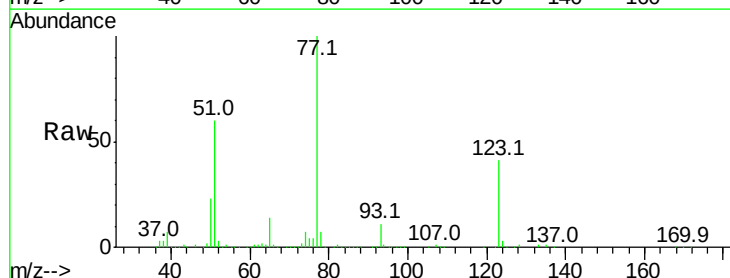
Manual Integrations
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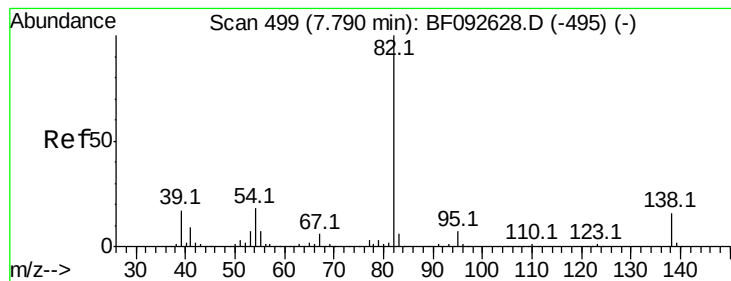
mohammad
2/27/2017 1:08:26 PM



#24
Nitrobenzene
Concen: 35.86 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	33.0	49.4	
65	14.0	11.2	16.8	





#25

Isophorone

Concen: 36.45 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

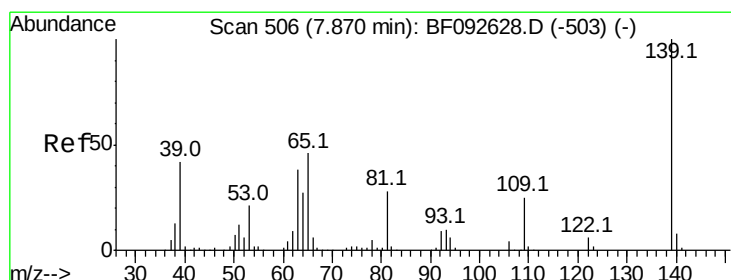
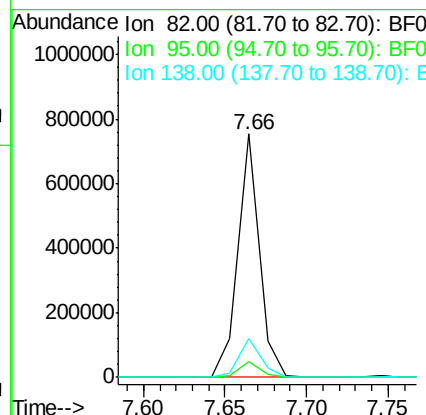
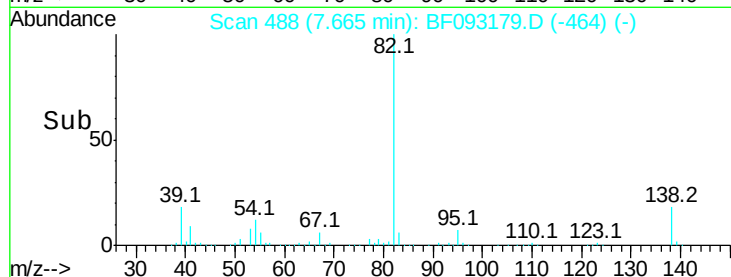
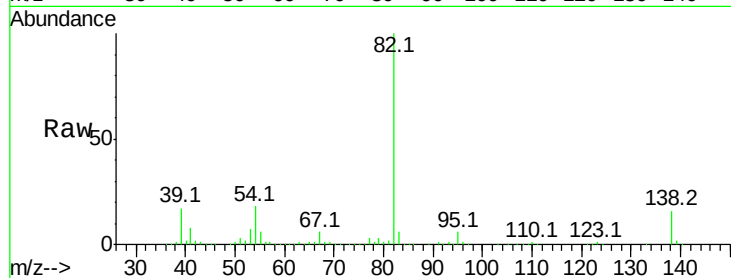
ClientSampleId :

E2-Z5-BASEMS

Tot Ion	82	Resp	683245
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	15.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.50 ng

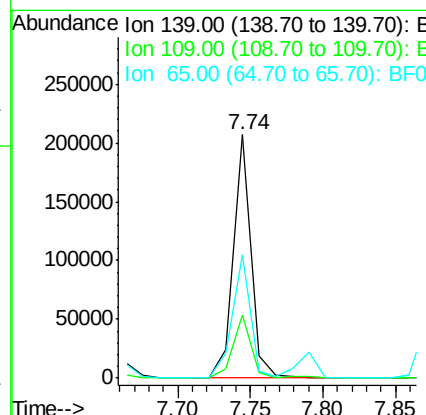
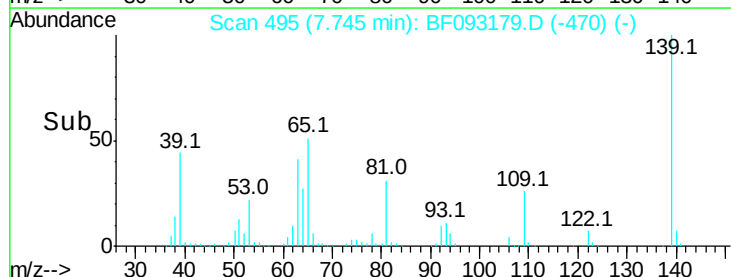
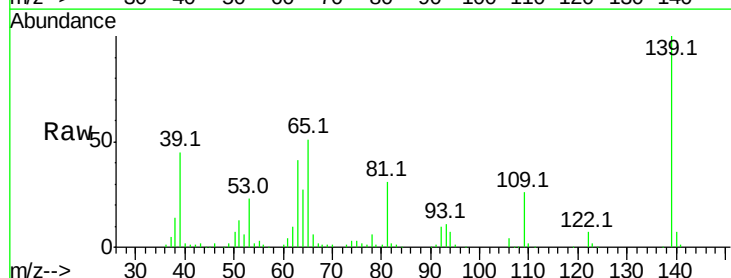
RT: 7.74 min Scan# 495

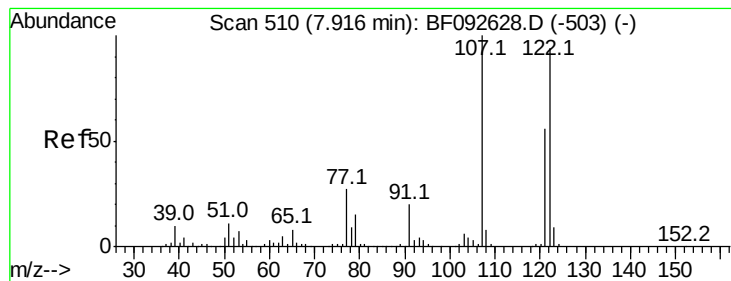
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion	139	Resp	174302
Ion Ratio	Lower	Upper	
139	100		
109	26.0	23.3	34.9
65	50.6	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 27.97 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

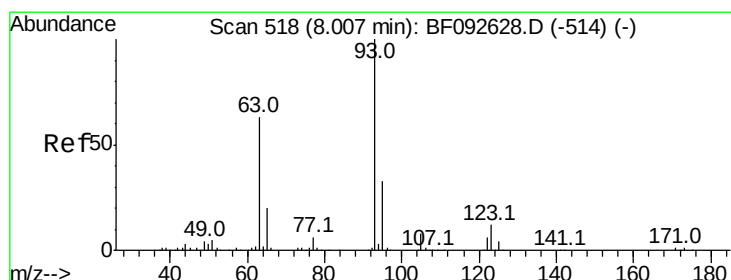
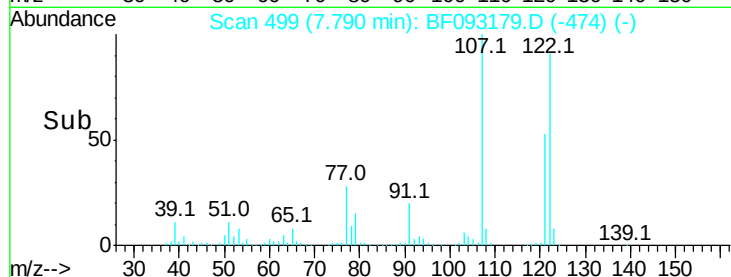
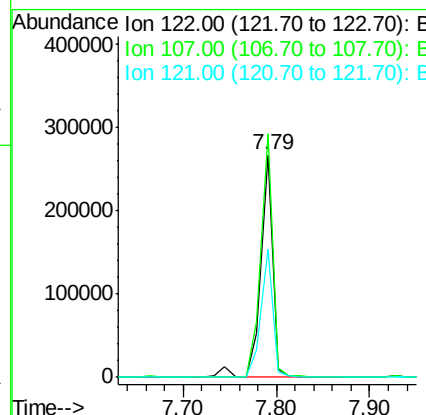
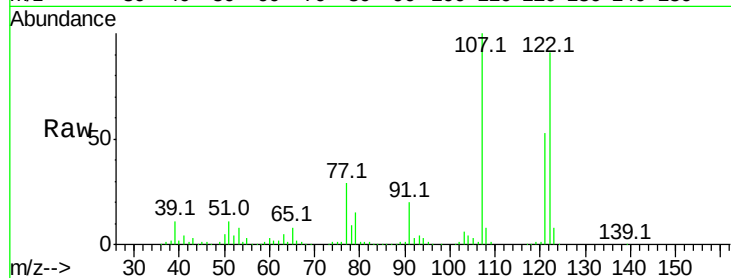
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	122	Resp:	241186
Ion Ratio	Lower	Upper	
122	100		
107	109.6	94.1	141.1
121	57.8	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.86 ng

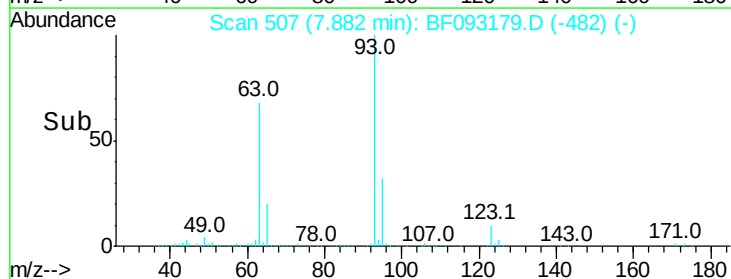
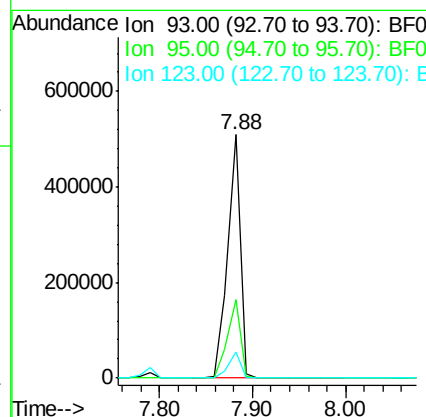
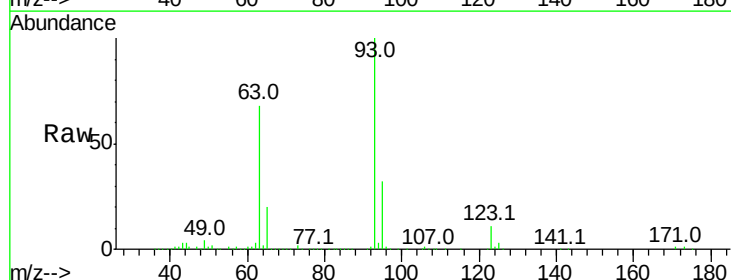
RT: 7.88 min Scan# 507

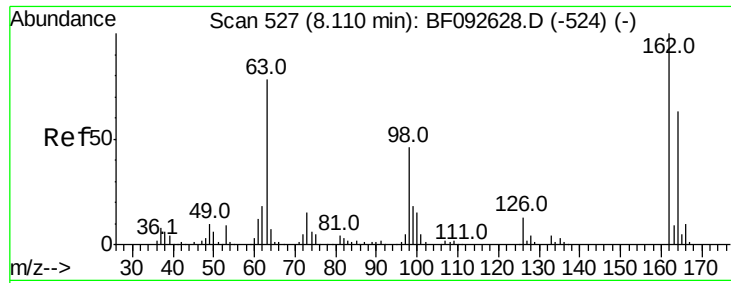
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	93	Resp:	482458
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	10.5	8.6	13.0





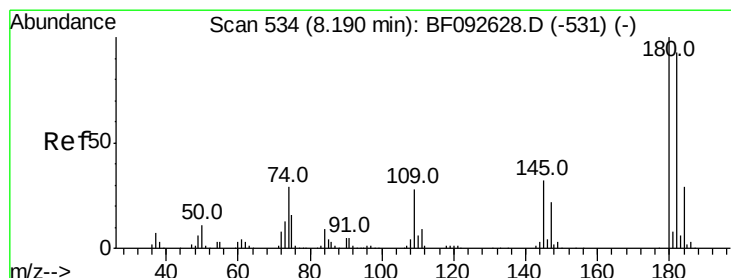
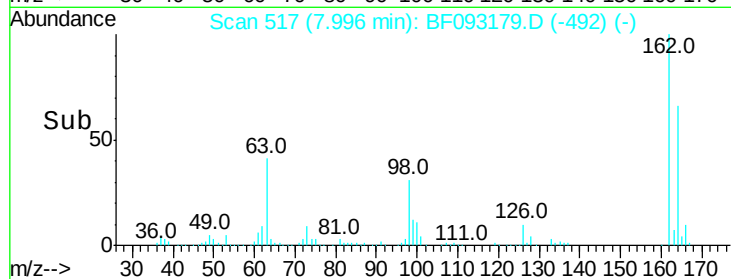
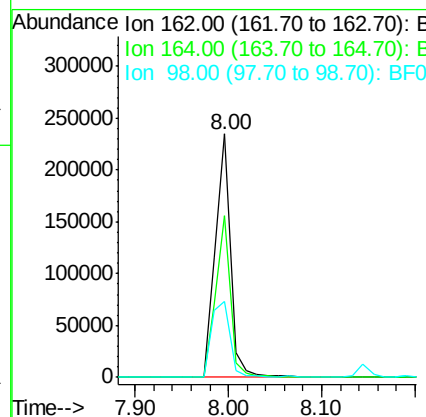
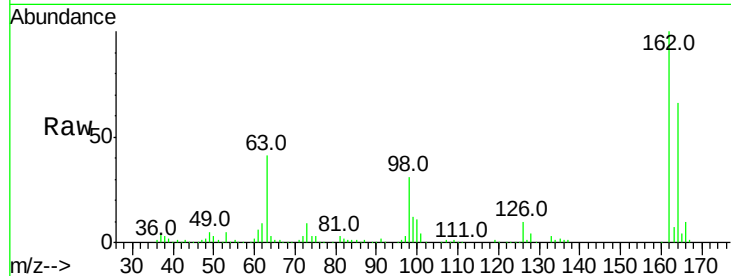
#29
 2,4-Dichlorophenol
 Concen: 33.21 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.3	46.8	86.8
98	31.2	9.1	49.1

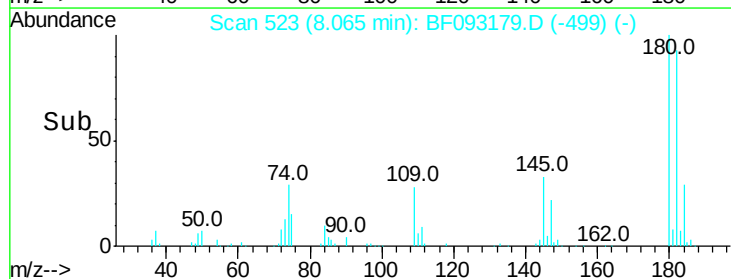
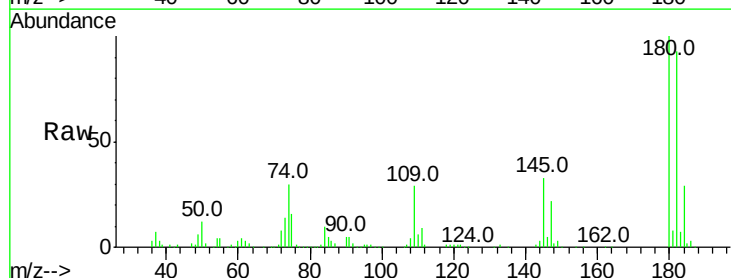
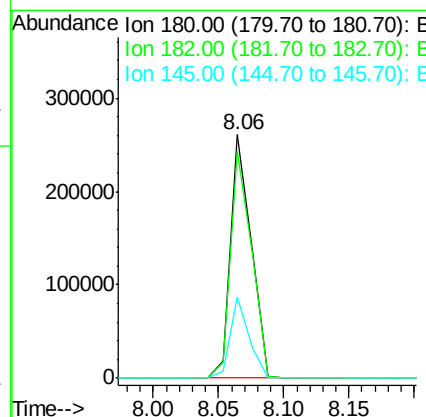
Manual Integrations
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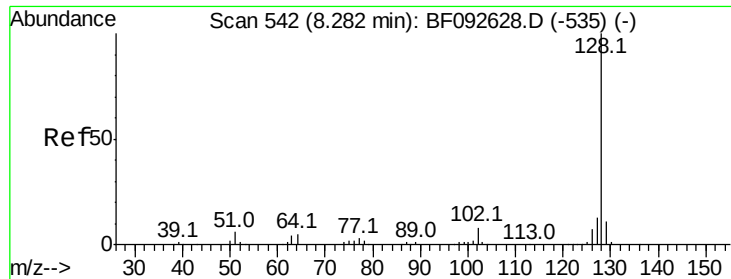
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.96 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	78.2	117.4
145	33.1	21.6	32.4#





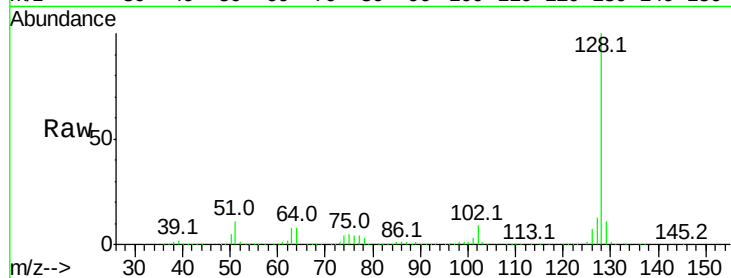
#31
Naphthalene
Concen: 32.81 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

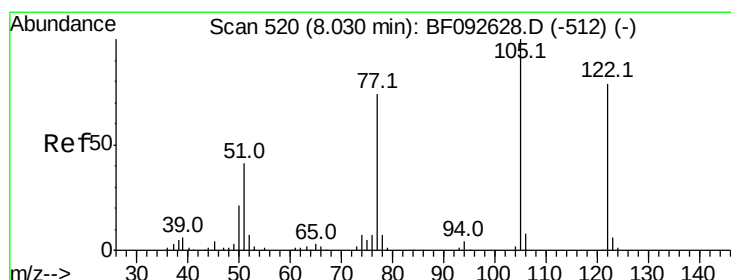
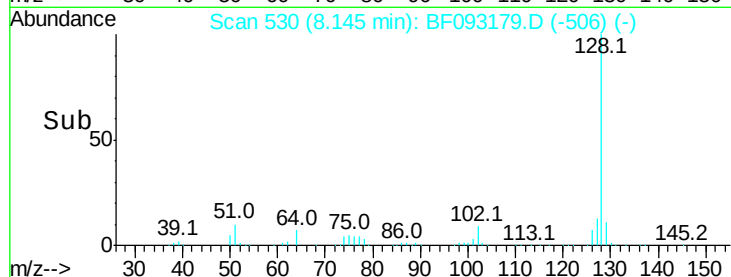
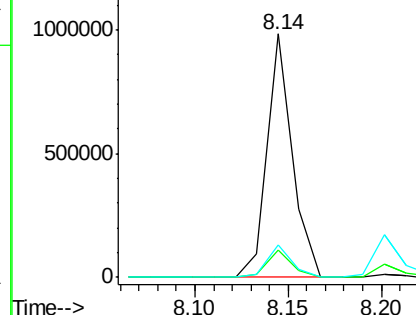
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.4	10.8	16.2

Manual Integrations
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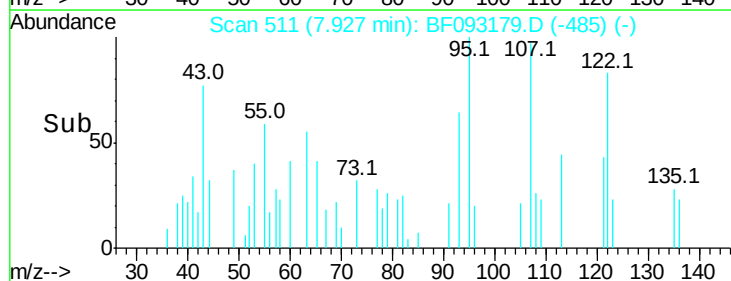
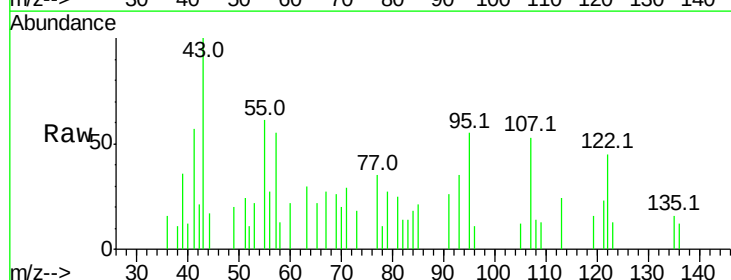
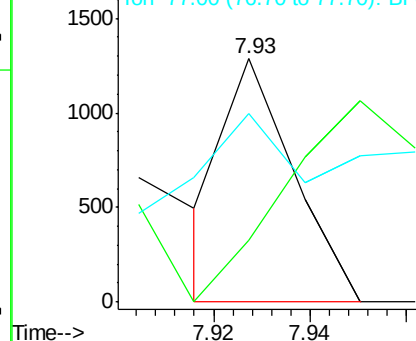
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

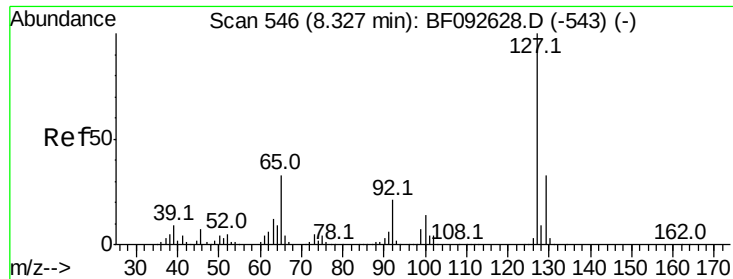


#32
Benzoic acid
Concen: 7.38 ng m
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	25.6	107.2	147.2#
77	77.5	74.5	114.5

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





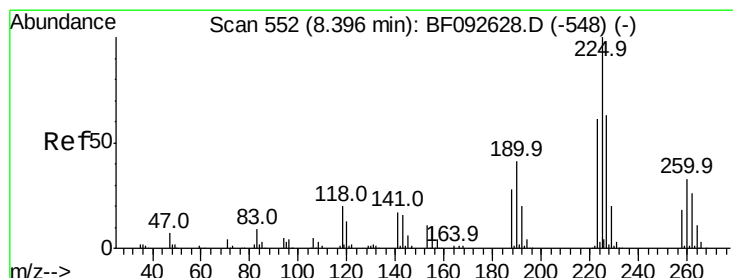
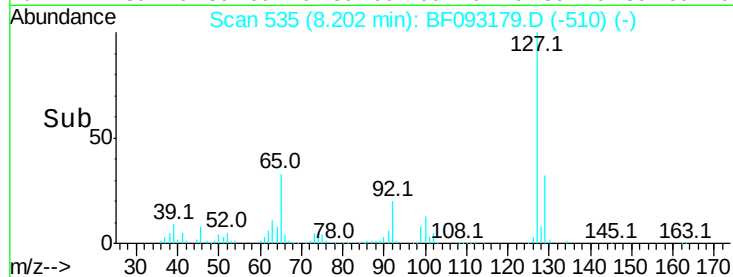
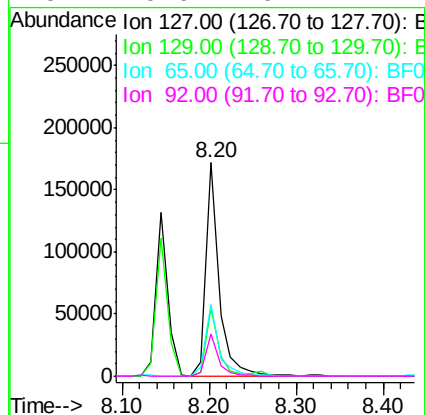
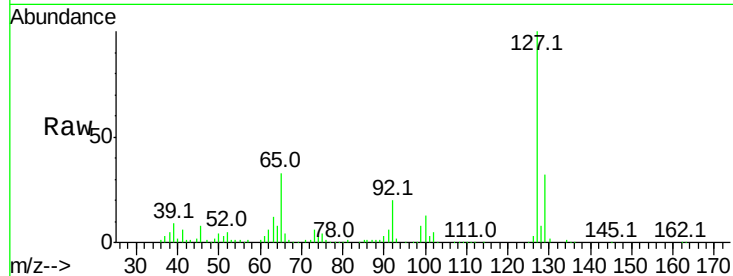
#33
4-Chloroaniline
Concen: 16.30 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampled :
E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.3	39.5	
65	33.3	25.8	38.8	
92	19.9	16.1	24.1	

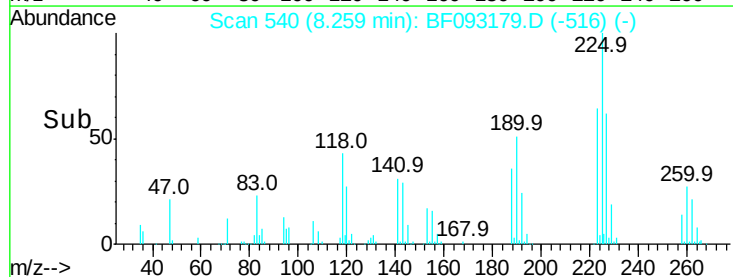
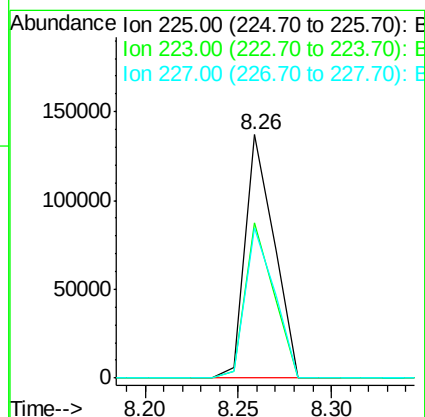
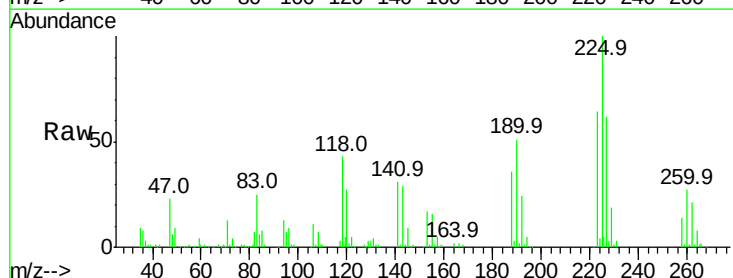
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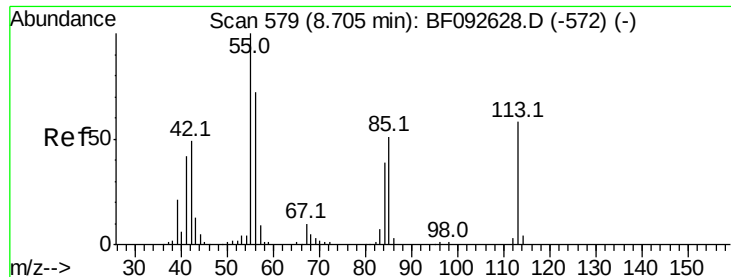
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#34
Hexachlorobutadiene
Concen: 30.87 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	51.0	76.6	
227	61.7	50.6	76.0	





#35

Caprolactam

Concen: 32.25 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

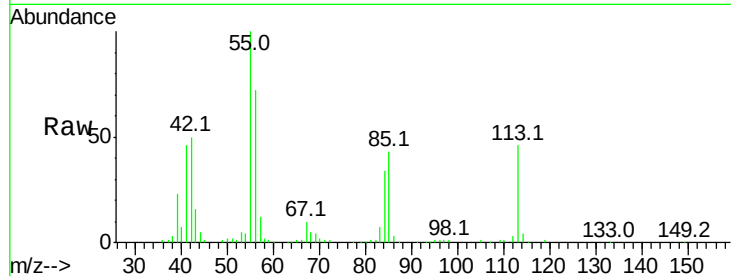
ClientSampleId :

E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.8	119.2	159.2#
56	154.7	83.8	123.8#

Manual Integrations
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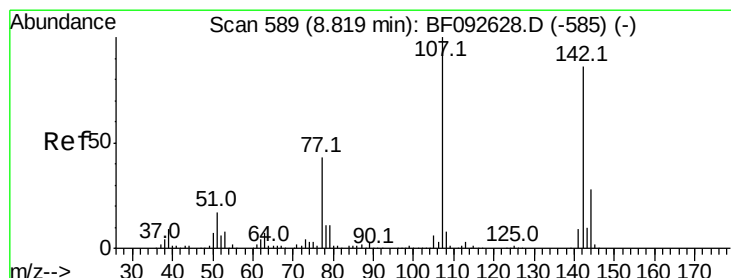
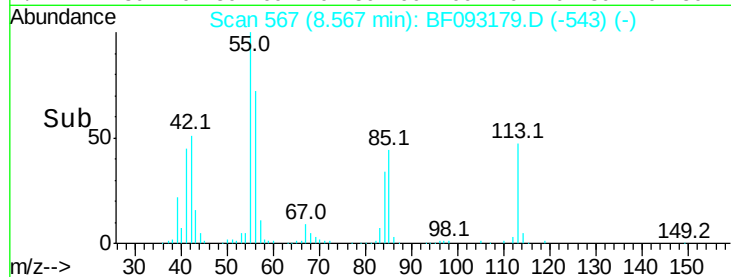
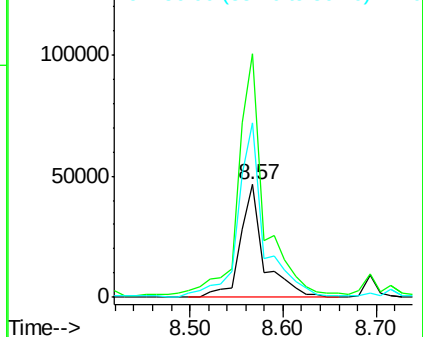
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.57 ng

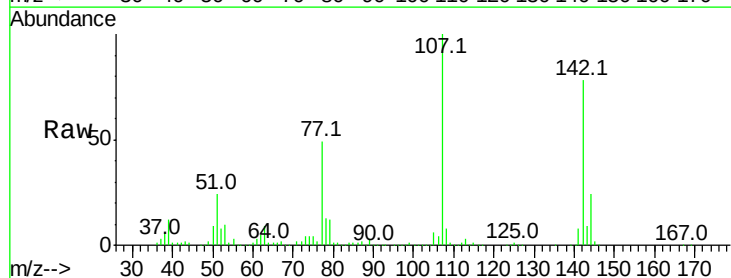
RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

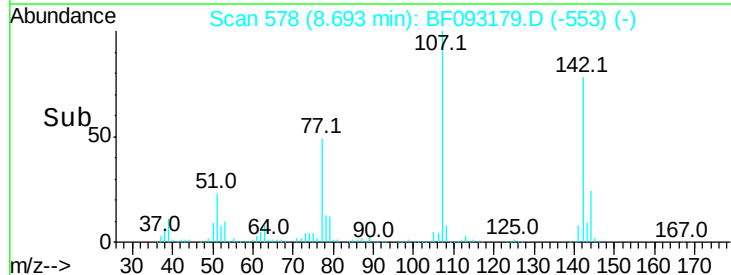
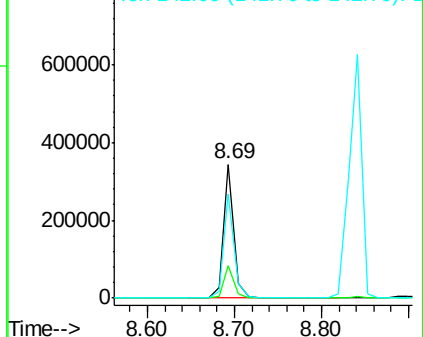
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	77.8	59.0	88.6

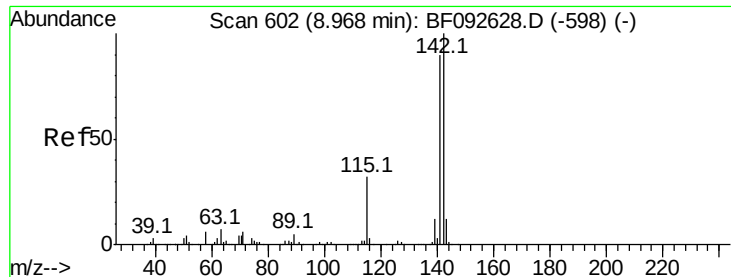


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





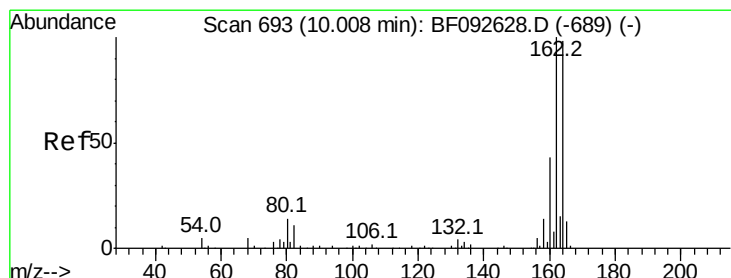
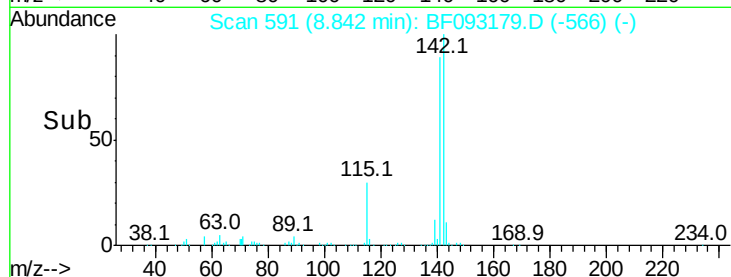
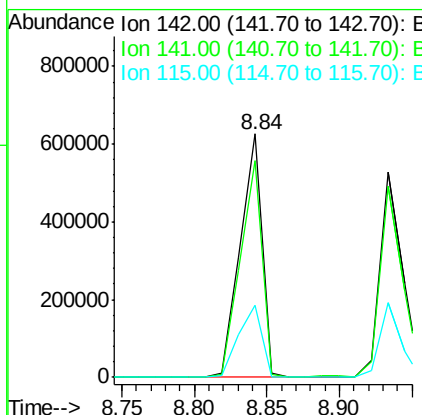
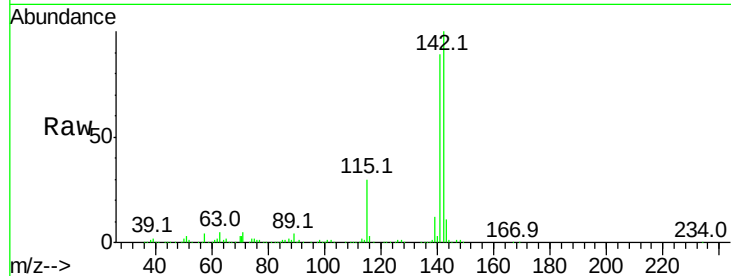
#37
2-Methylnaphthalene
Concen: 36.07 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	29.6	28.3	42.5

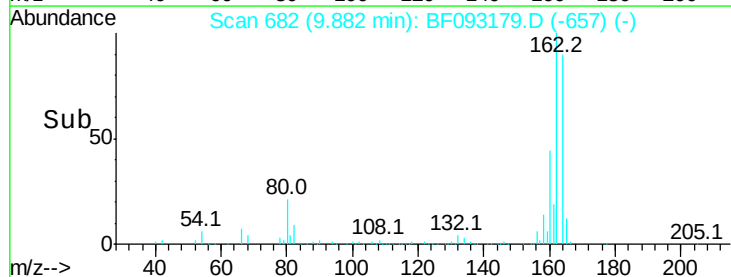
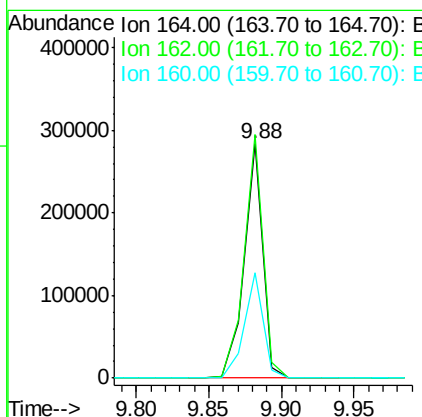
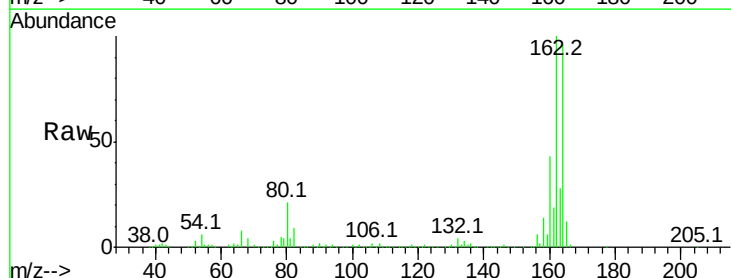
Manual Integrations
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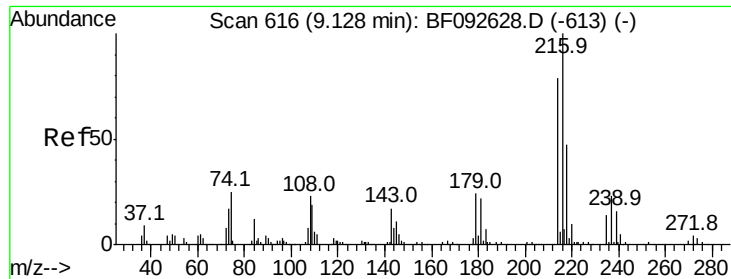
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	45.1	36.9	55.3





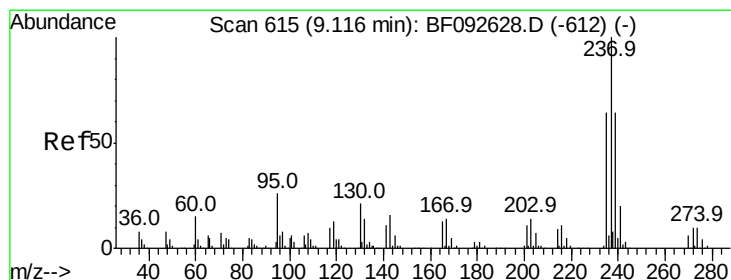
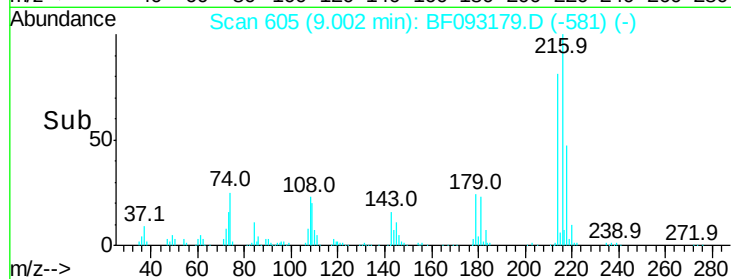
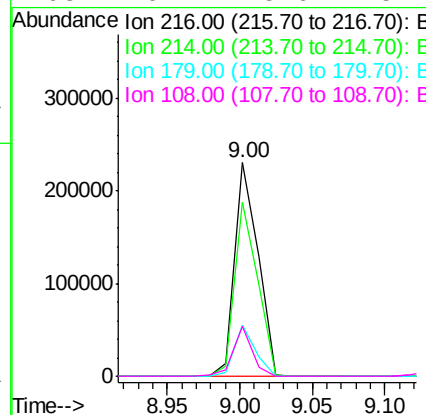
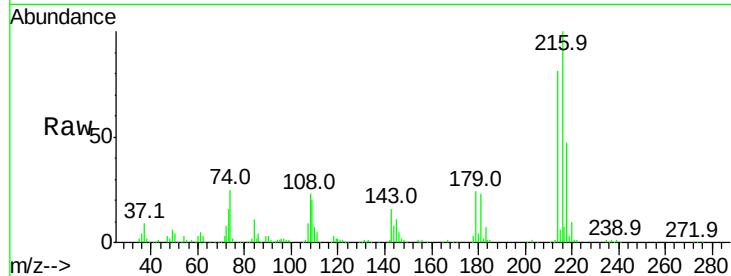
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	256732		
214	79.6	63.4	95.0	
179	21.3	17.4	26.2	
108	19.1	15.6	23.4	

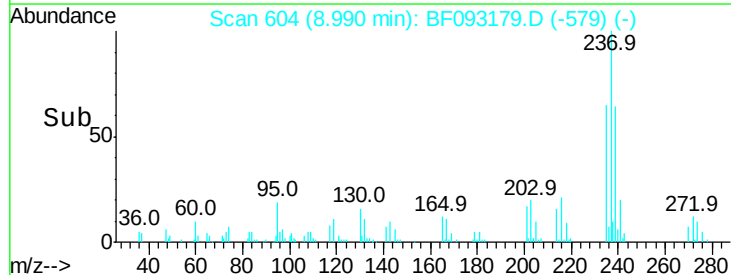
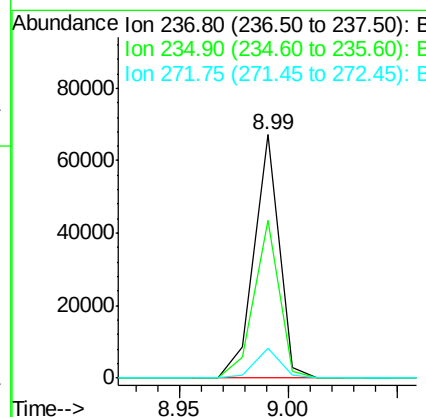
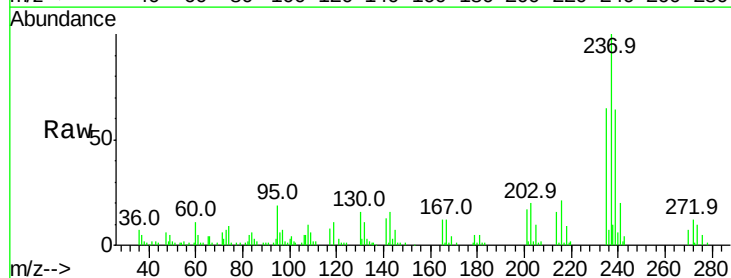
Manual Integrations
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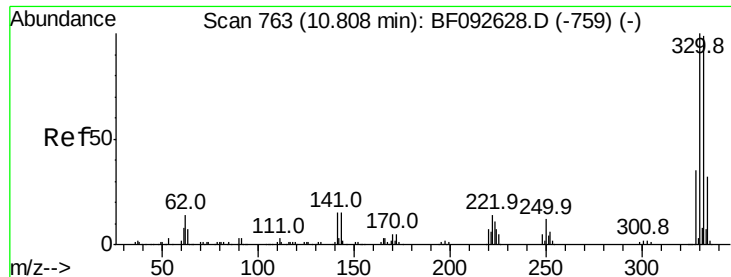
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 17.05 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	54171		
235	64.7	41.2	81.2	
272	12.2	0.0	35.4	





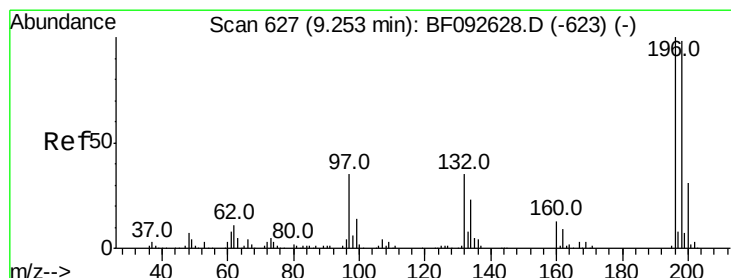
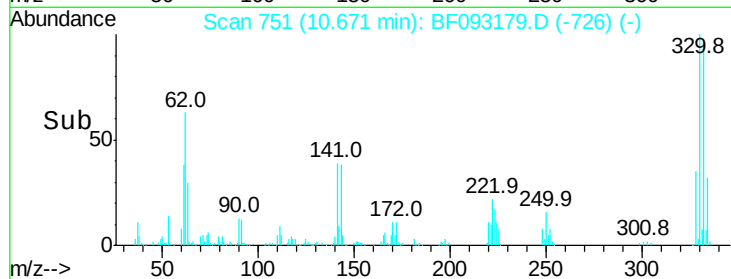
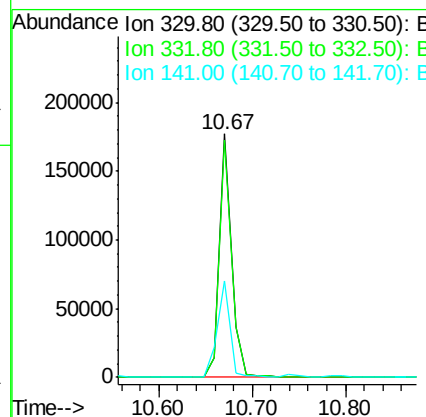
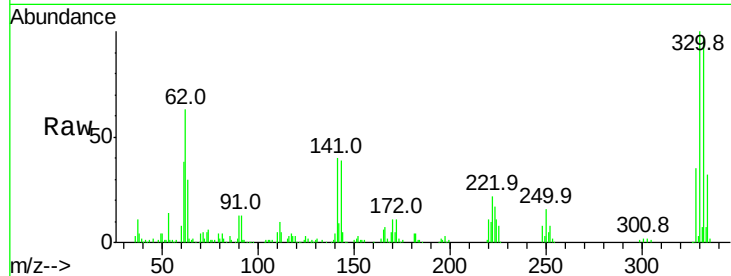
#41
 2,4,6-Tribromophenol
 Concen: 88.81 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161185		
332	97.4	77.4	116.2	
141	42.9	34.1	51.1	

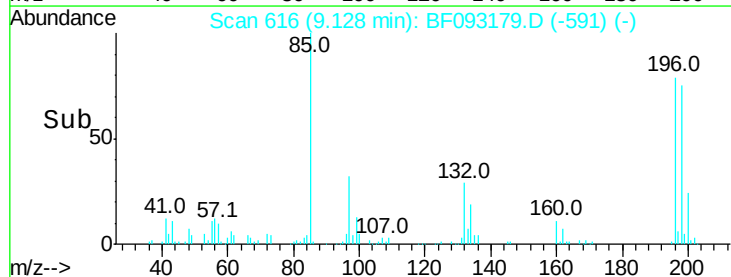
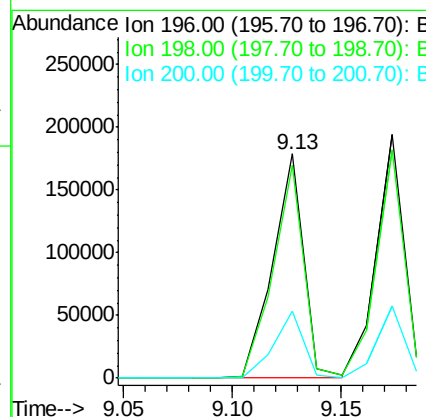
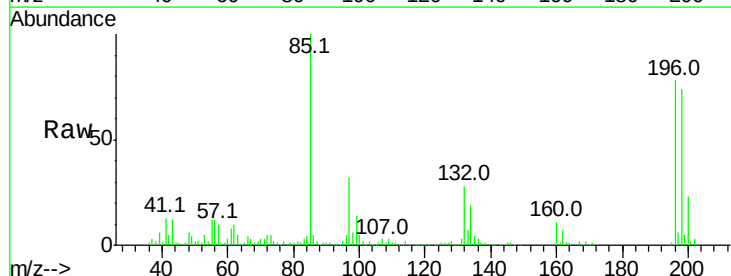
Manual Integrations
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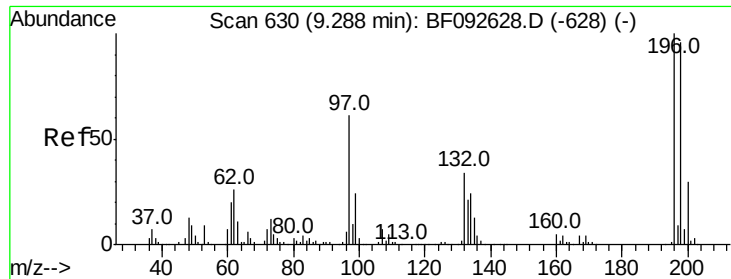
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 38.51 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178256		
198	95.0	82.1	123.1	
200	30.0	27.0	40.4	





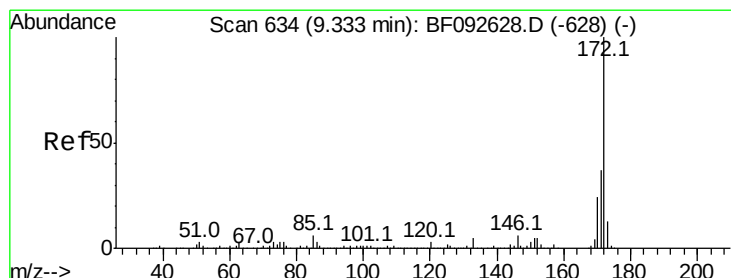
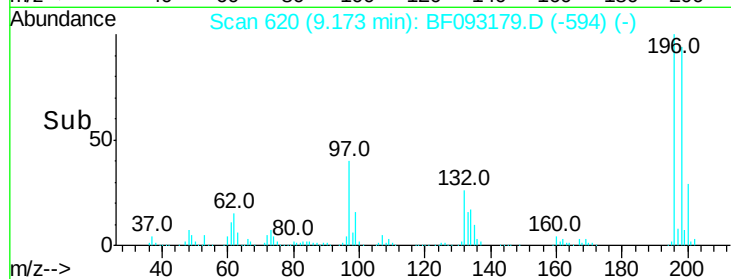
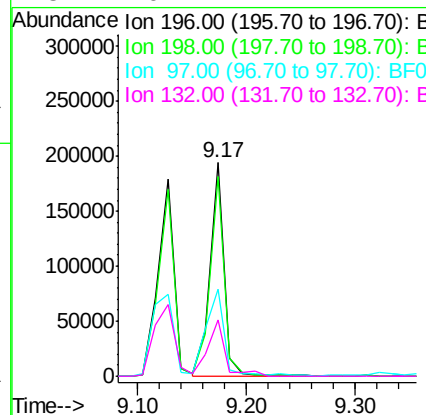
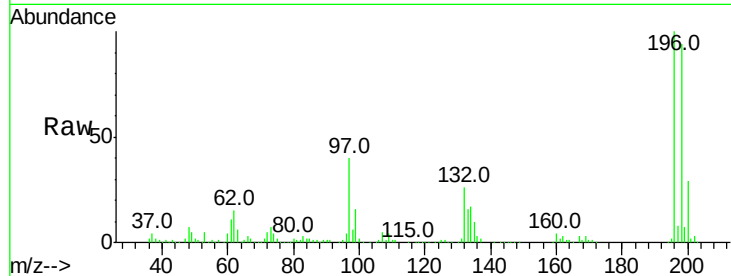
#43
 2,4,5-Trichlorophenol
 Concen: 35.17 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178350		
198	93.6	79.4	119.2	
97	40.5	51.5	77.3	
132	26.2	27.4	41.2	

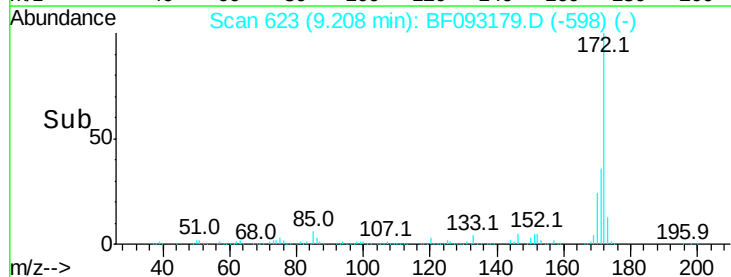
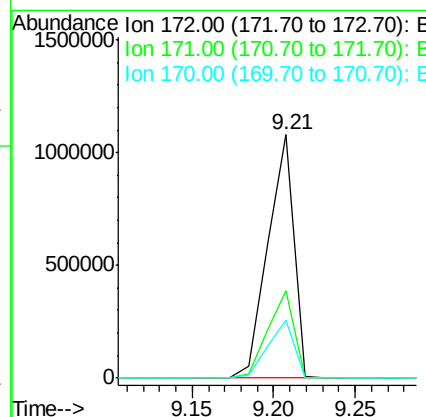
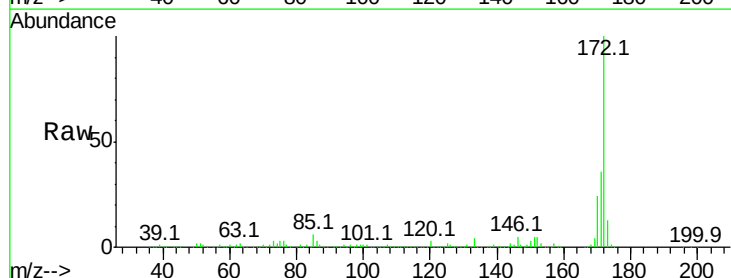
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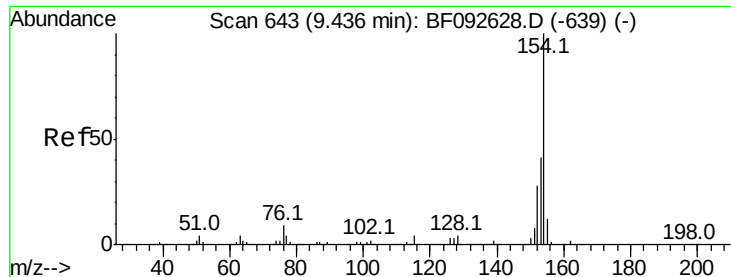
mohammad
 2/27/2017 1:08:26 PM



#44
 2-Fluorobiphenyl
 Concen: 86.34 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1195907		
171	36.2	29.4	44.0	
170	23.9	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 38.47 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

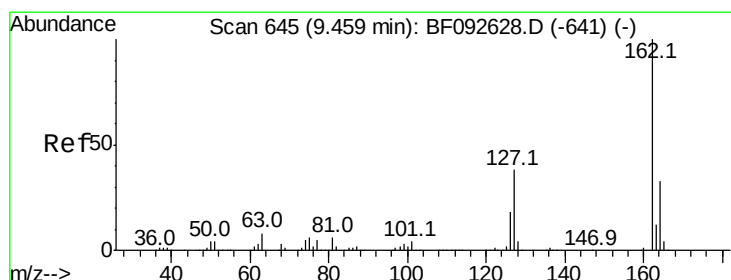
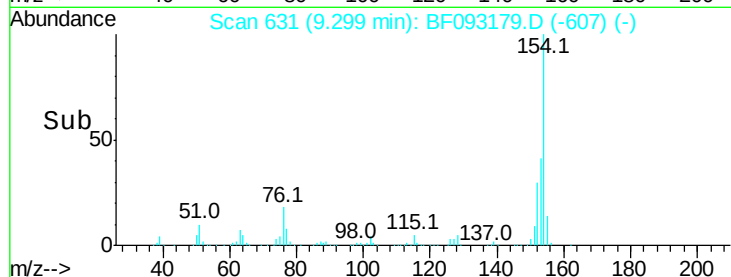
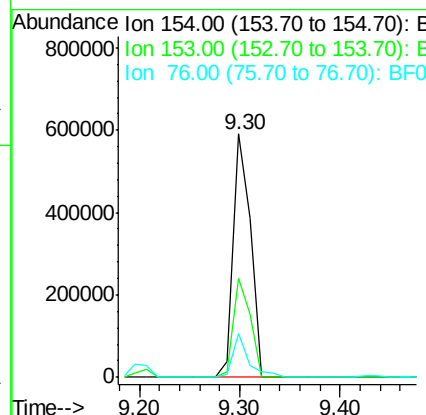
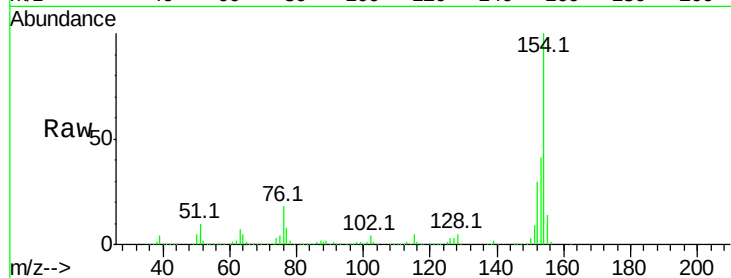
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	154	Resp:	699017
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.9	60.9
76	18.1	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 40.61 ng

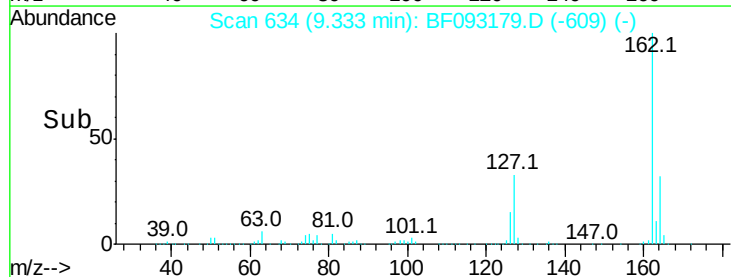
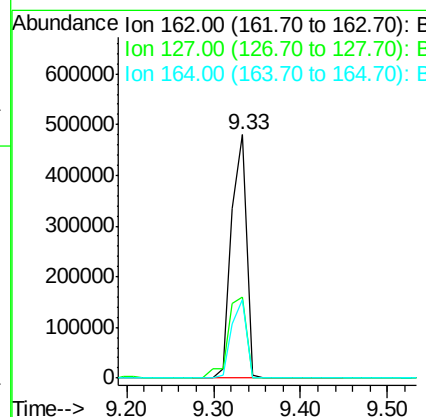
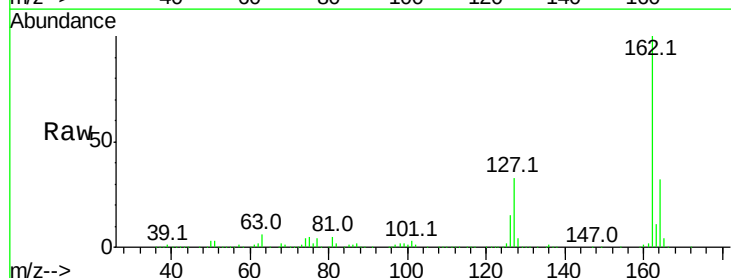
RT: 9.33 min Scan# 634

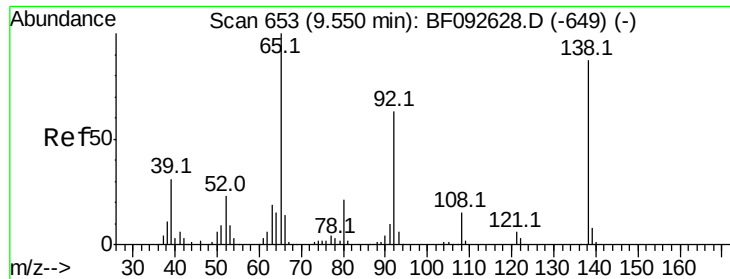
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	162	Resp:	577230
Ion Ratio	Lower	Upper	
162	100		
127	33.4	30.7	46.1
164	32.5	27.6	41.4





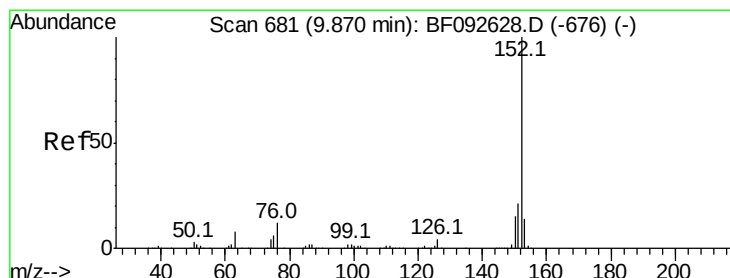
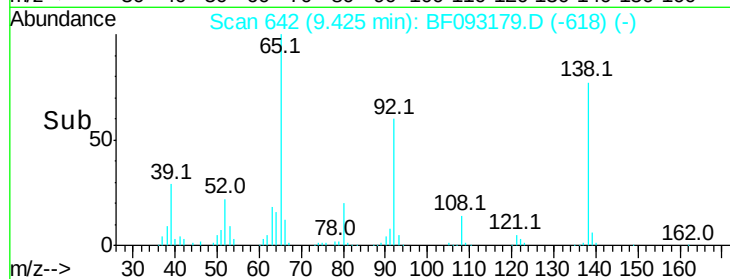
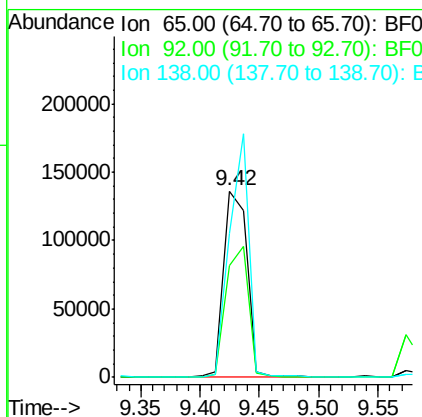
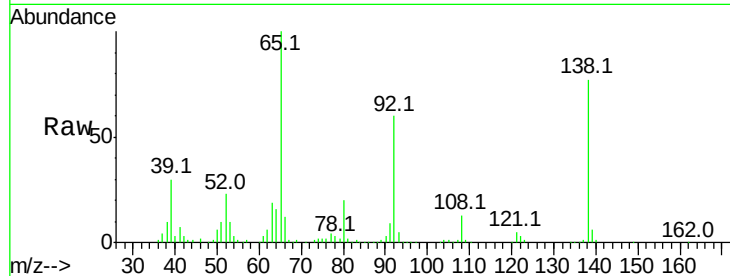
#47
 2-Nitroaniline
 Concen: 39.01 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.2	53.9	80.9
138	77.1	76.8	115.2

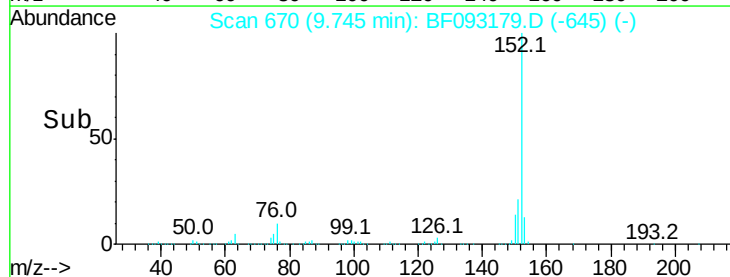
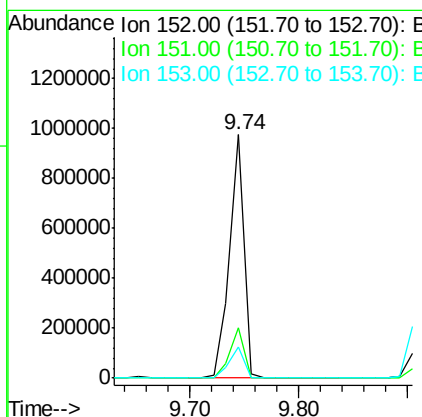
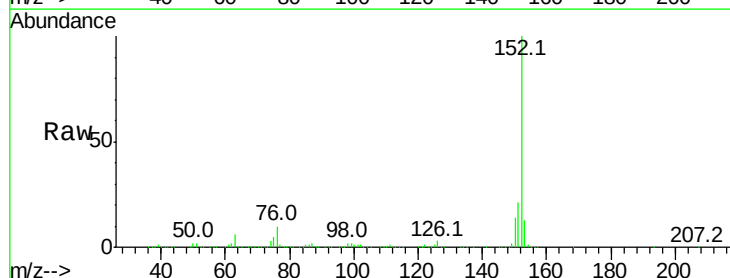
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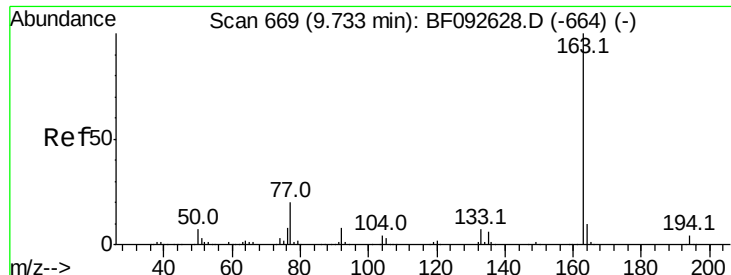
mohammad
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#48
 Acenaphthylene
 Concen: 36.54 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	12.9	11.4	17.2





#49

Dimethylphthalate

Concen: 51.58 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

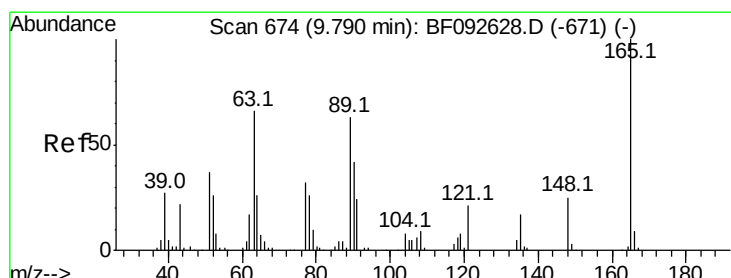
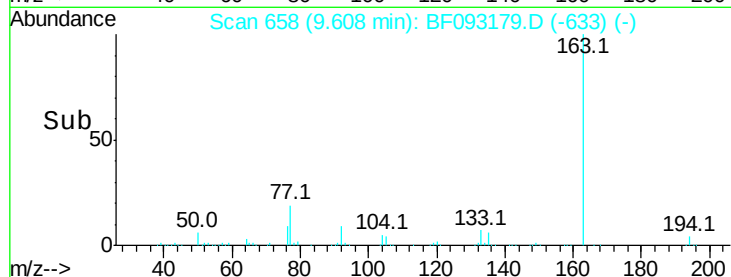
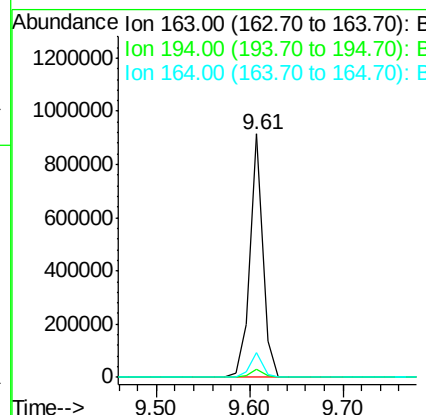
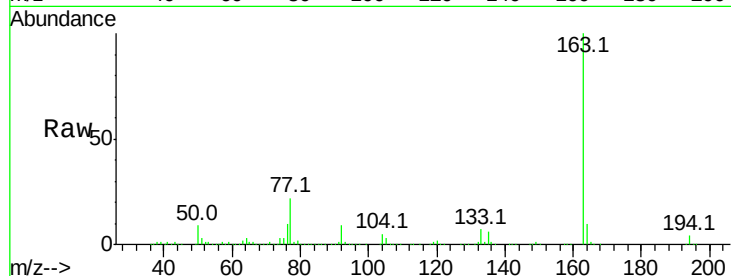
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	163	Resp:	871783
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0

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#50

2,6-Dinitrotoluene

Concen: 42.36 ng

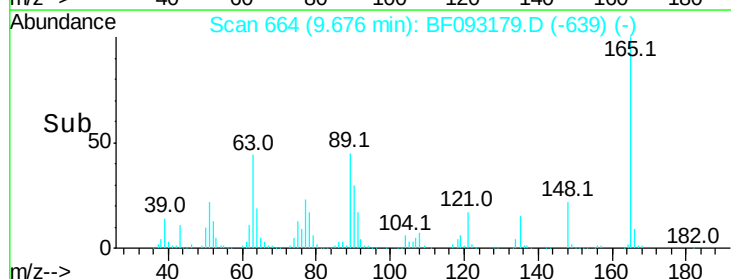
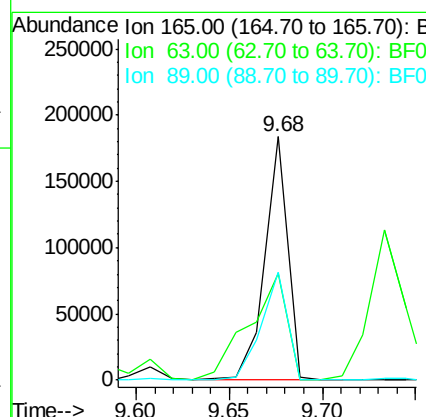
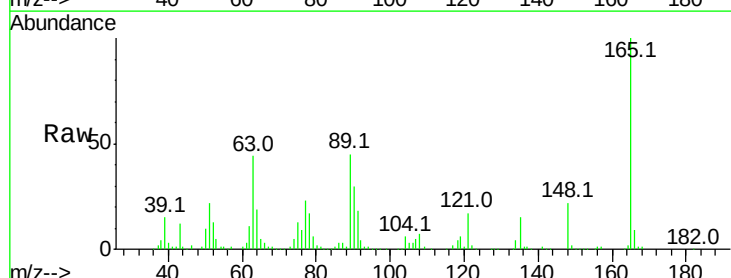
RT: 9.68 min Scan# 664

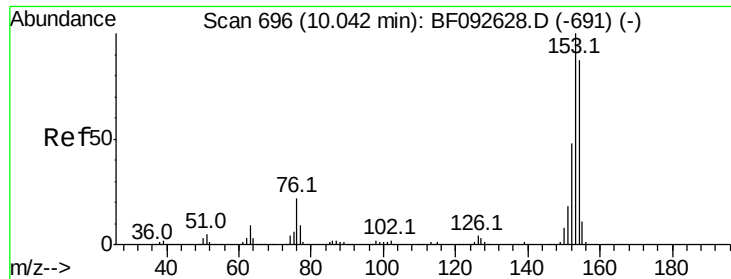
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	165	Resp:	154616
Ion Ratio	Lower	Upper	
165	100		
63	44.0	36.2	54.4
89	44.5	40.2	60.4





#51

Acenaphthene

Concen: 36.30 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

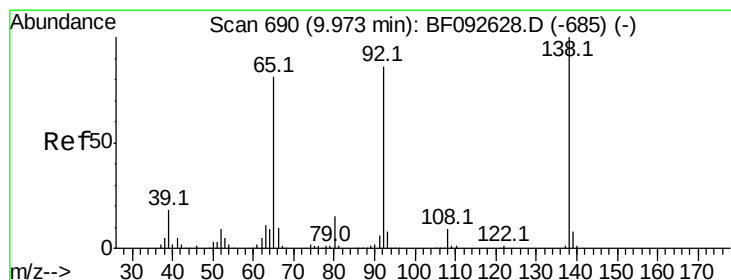
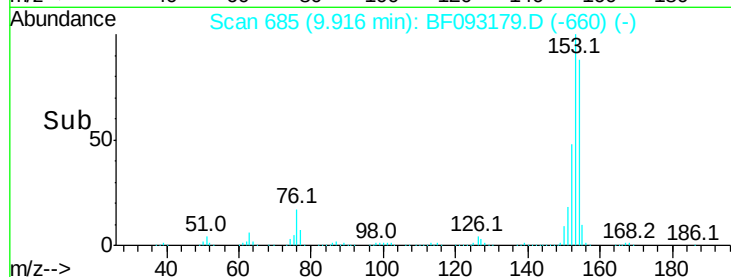
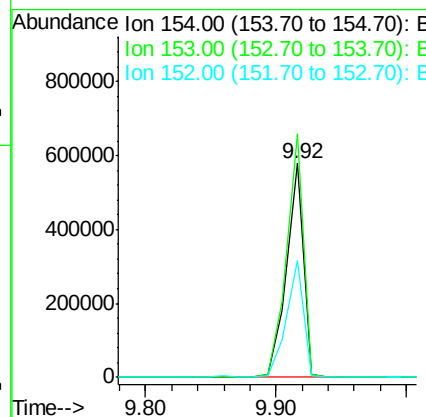
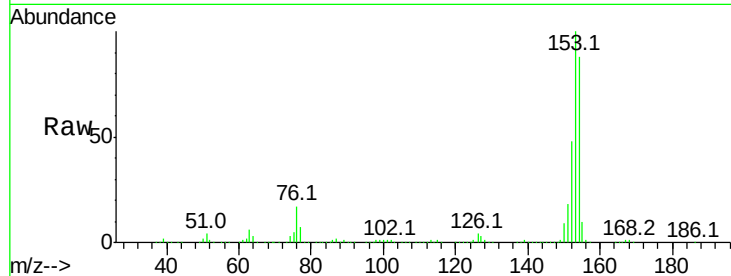
ClientSampleId :

E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.6	133.0
152	54.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.57 ng

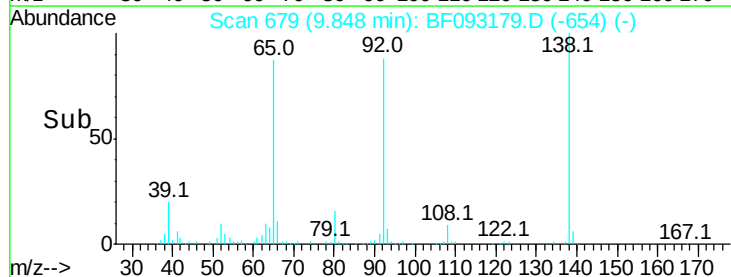
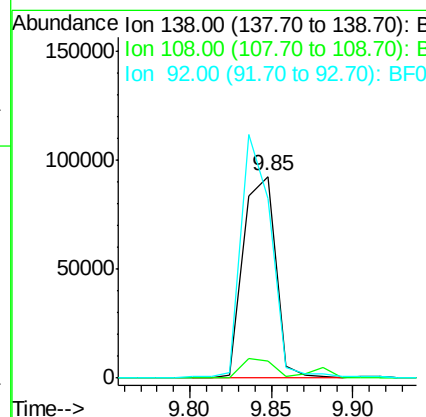
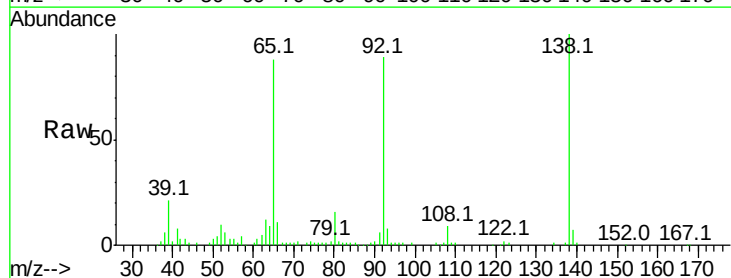
RT: 9.85 min Scan# 679

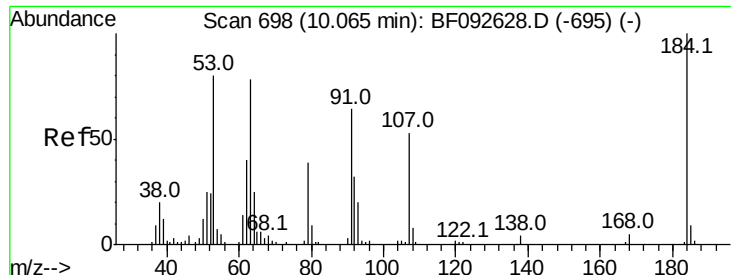
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.5	12.7
92	88.9	97.8	146.8#





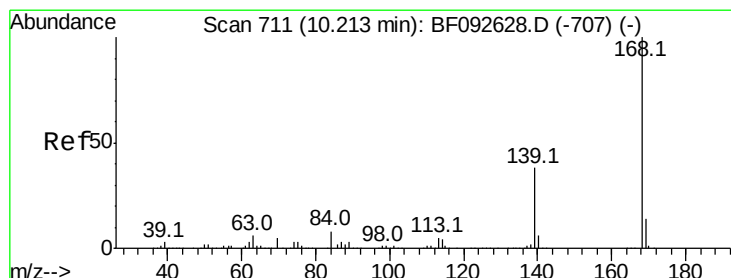
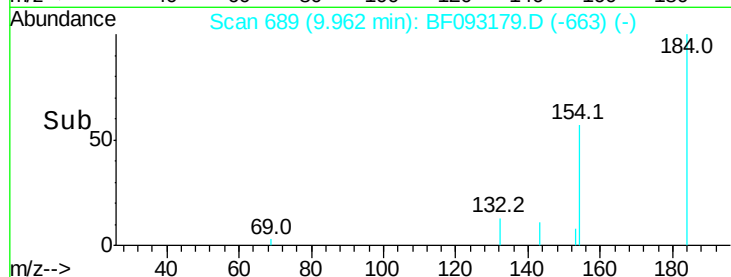
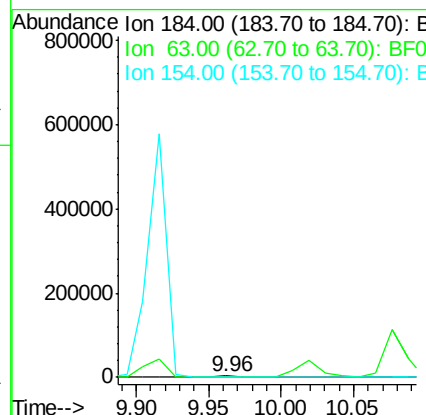
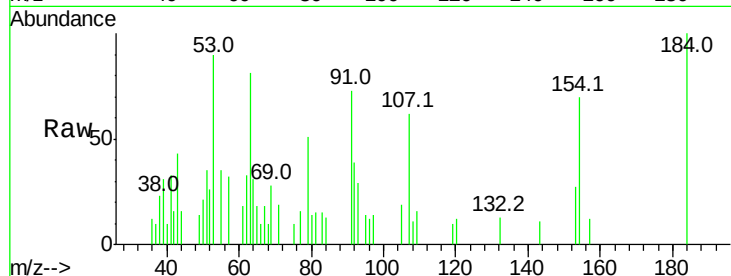
#53
 2,4-Dinitrophenol
 Concen: 7.45 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	80.5	28.4	42.6#	
154	69.8	44.3	66.5#	

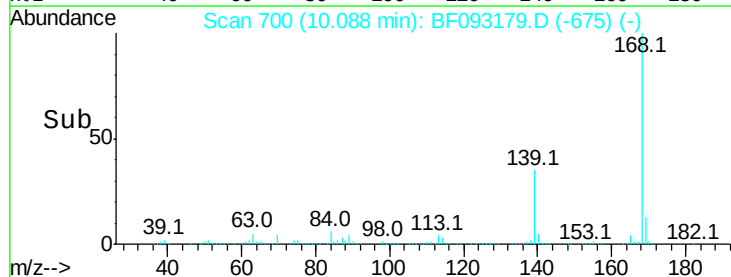
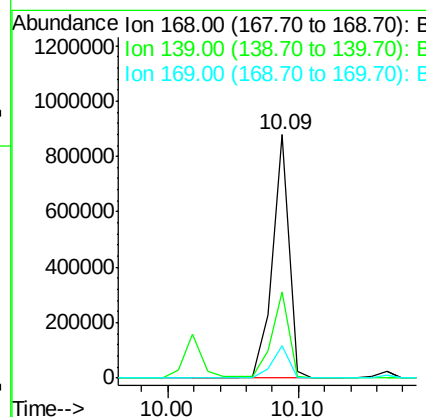
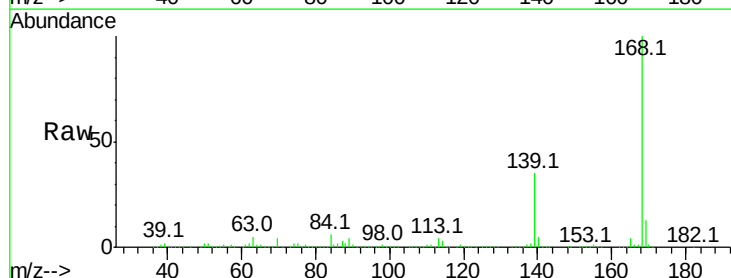
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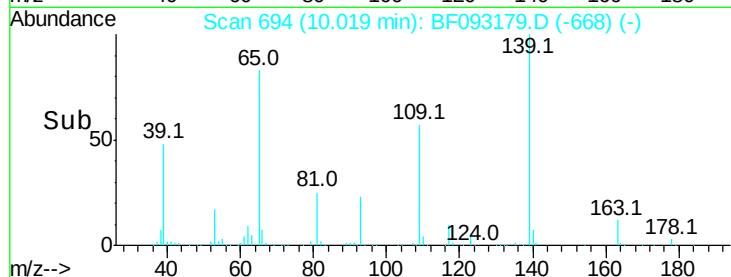
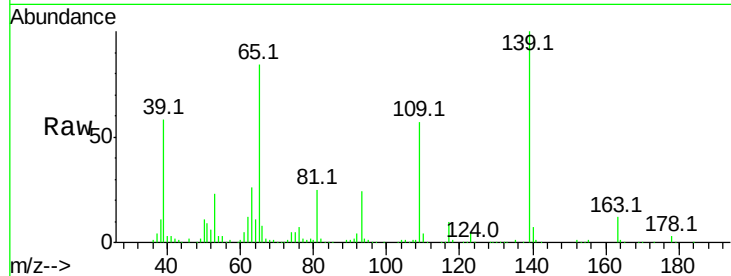
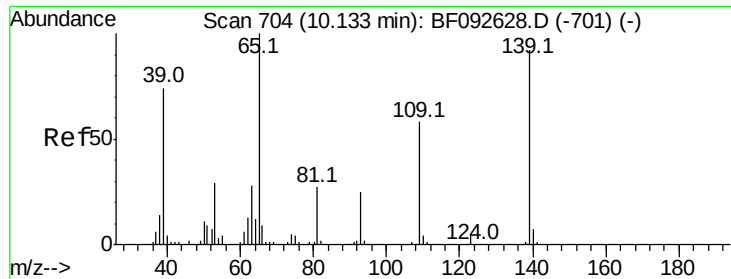
mohammad
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#54
 Dibenzofuran
 Concen: 39.84 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.4	32.6	49.0	
169	13.2	11.3	16.9	





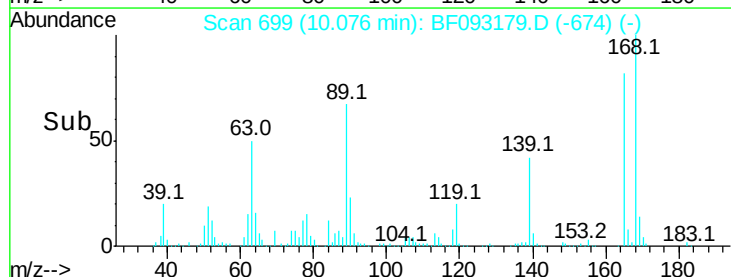
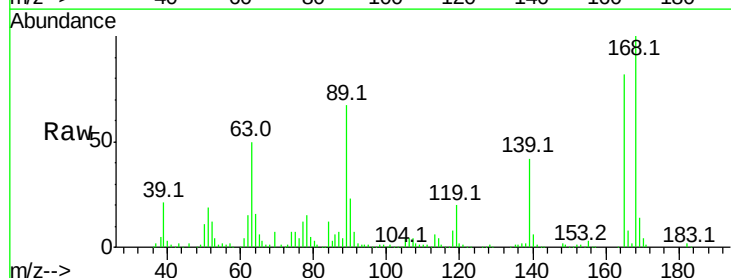
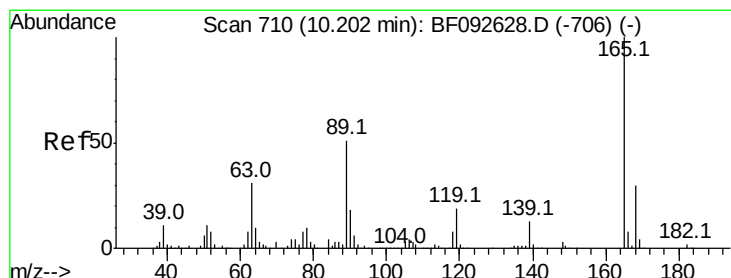
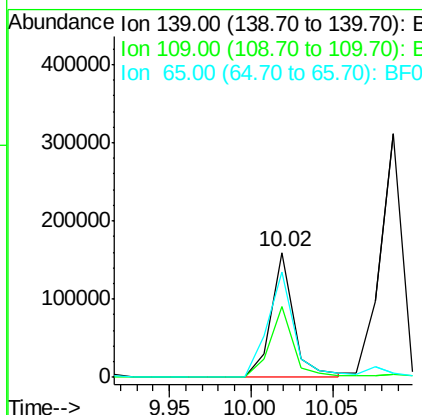
#55
4-Nitrophenol
Concen: 51.72 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.8	52.2	92.2	
65	84.3	85.8	125.8	

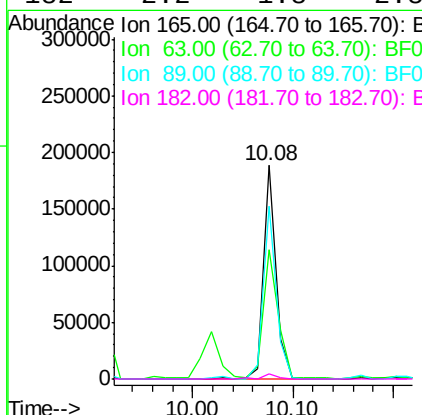
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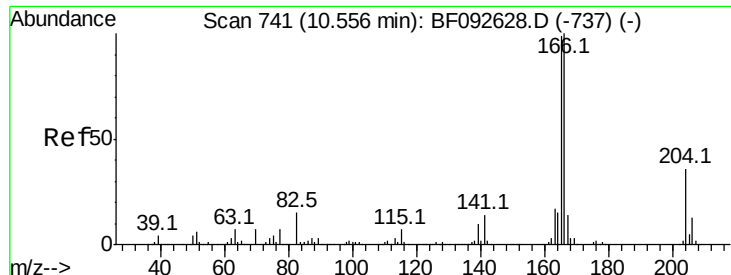
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#56
2,4-Dinitrotoluene
Concen: 33.49 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.8	40.2	60.4	
89	81.0	62.5	93.7	
182	2.2	1.8	2.8	





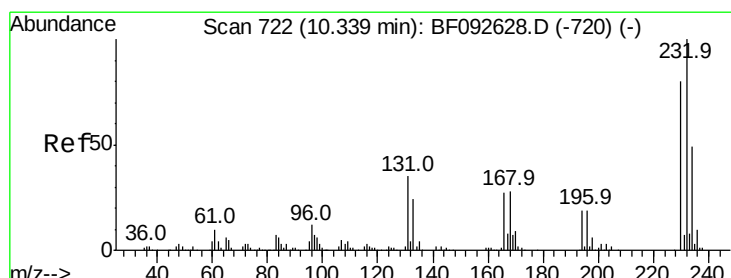
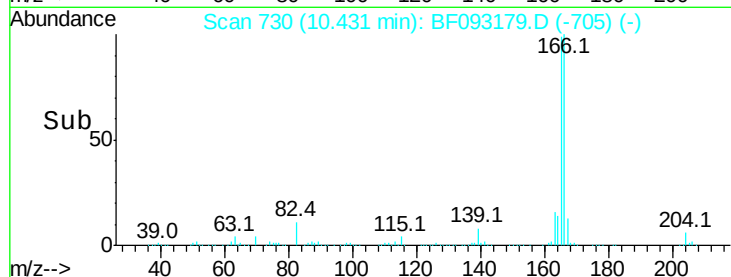
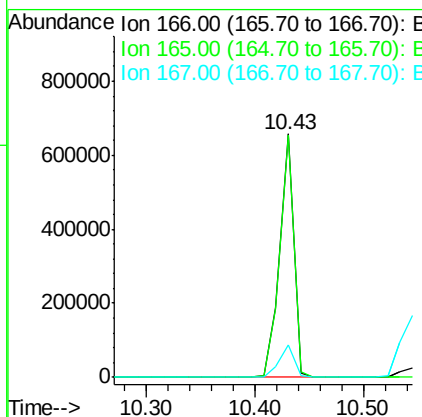
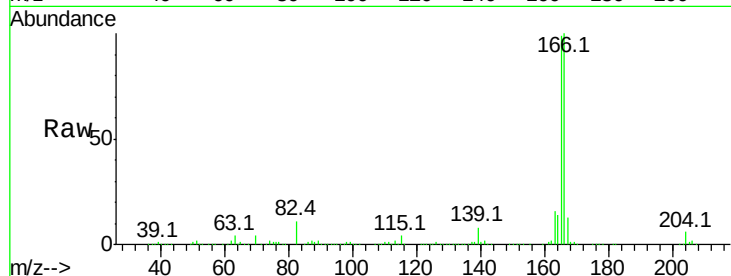
#57
Fluorene
 Concen: 39.47 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	596315		
165	99.3		77.8	116.8
167	13.2		10.8	16.2

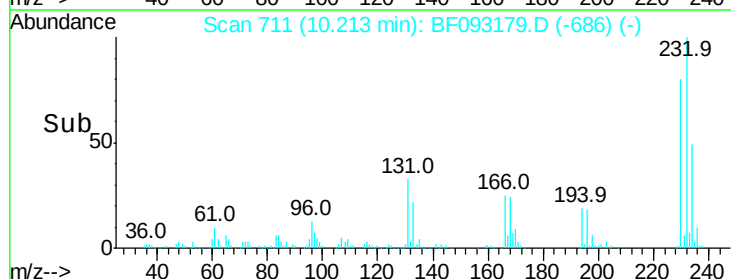
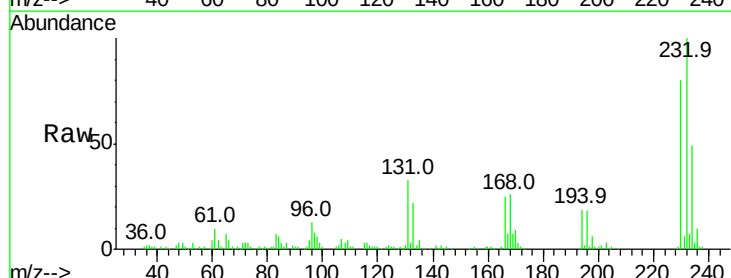
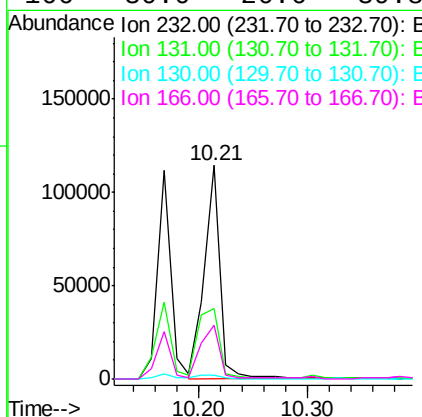
Manual Integrations
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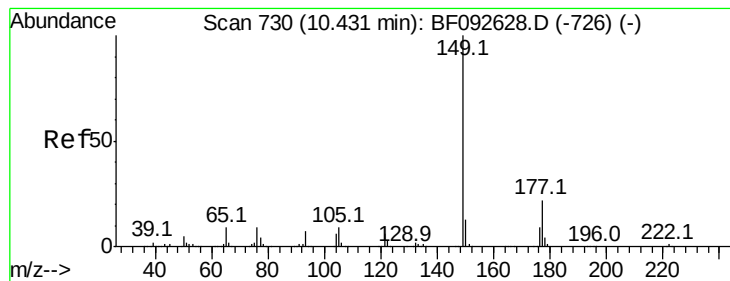
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.40 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	116361		
131	44.8		40.1	60.1
130	2.4		1.8	2.8
166	30.0		26.6	39.8





#59

Diethylphthalate

Concen: 40.80 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

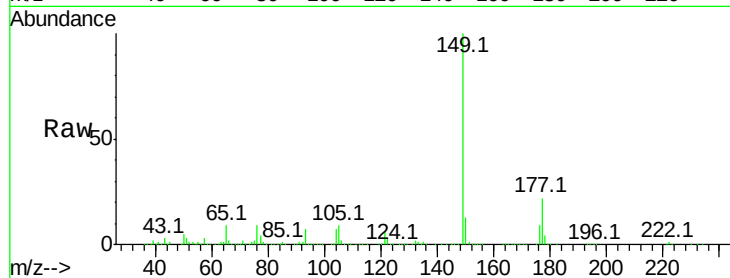
ClientSampleId :

E2-Z5-BASEMS

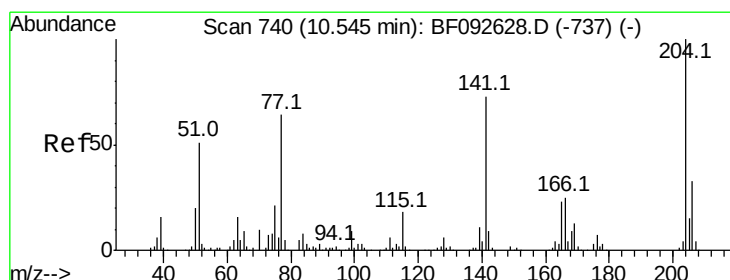
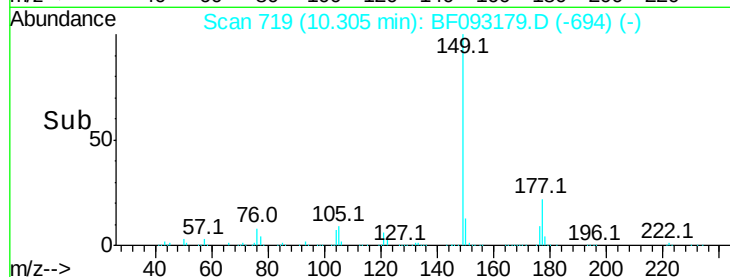
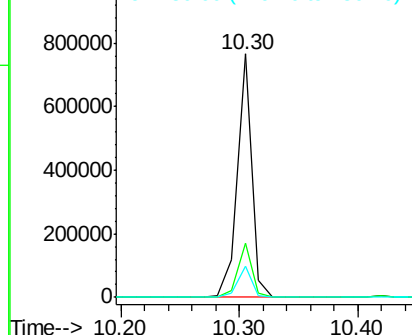
Tot Ion:	149	Resp:	649862
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.6	25.0
150	12.6	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 35.31 ng

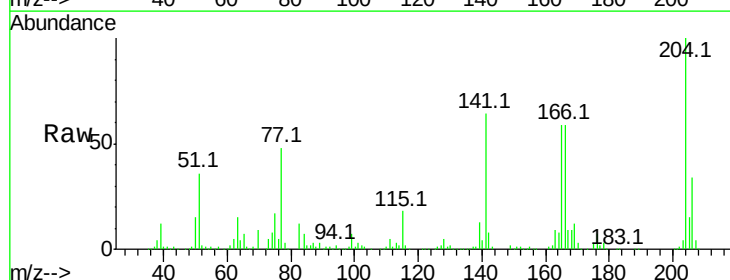
RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

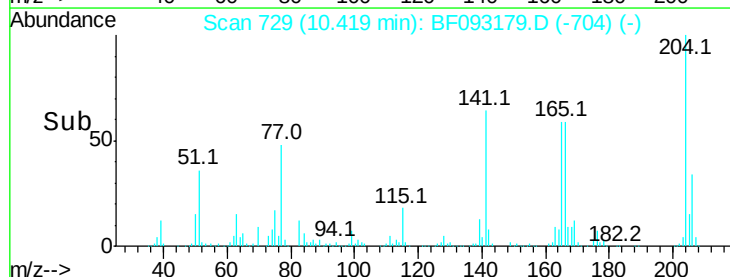
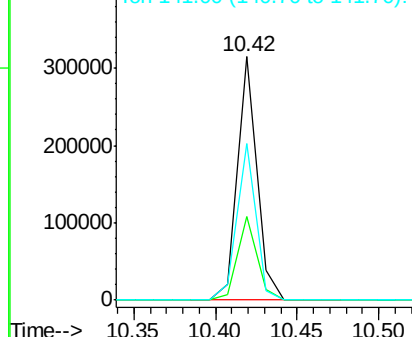
Lab File: BF093179.D

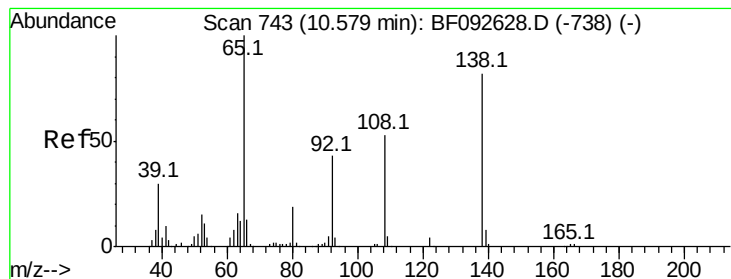
Acq: 25 Feb 2017 8:52

Tgt Ion:	204	Resp:	256247
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.8	38.6
141	64.2	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





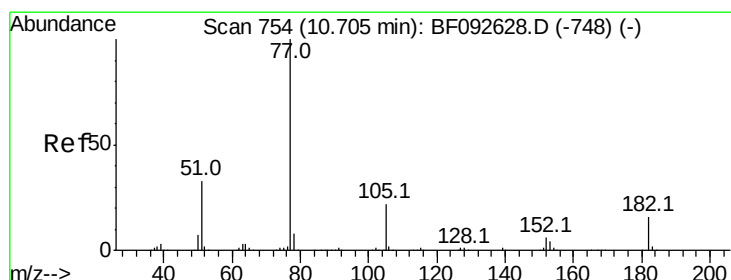
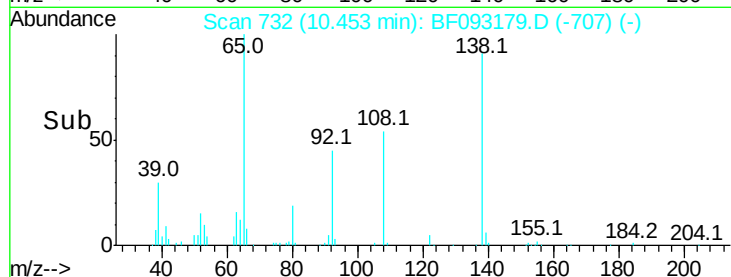
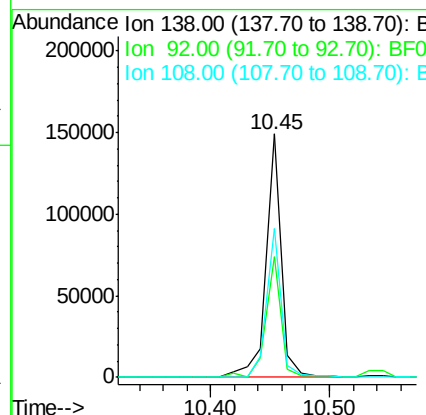
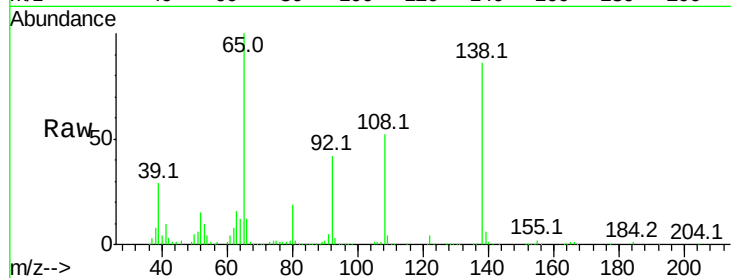
#61
4-Nitroaniline
Concen: 31.37 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.7	71.7
108	61.3	52.6	92.6

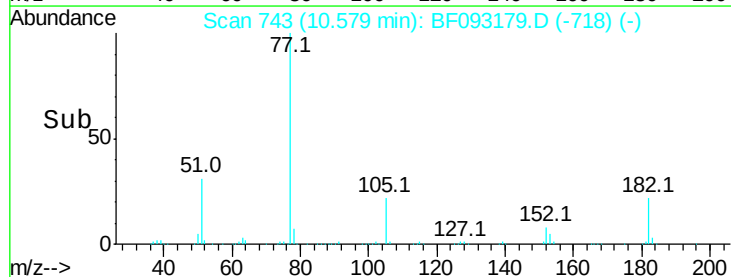
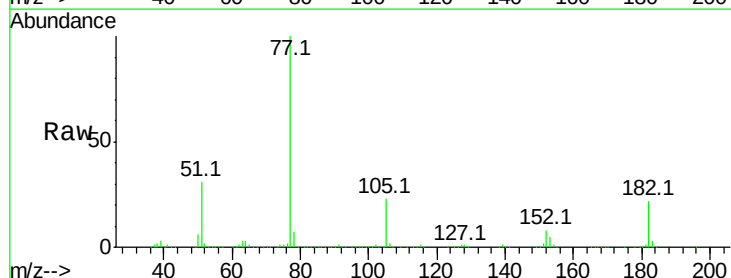
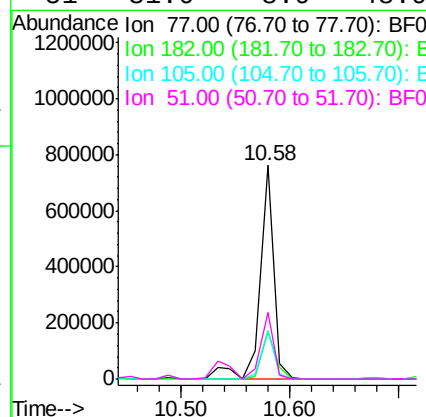
Manual Integrations
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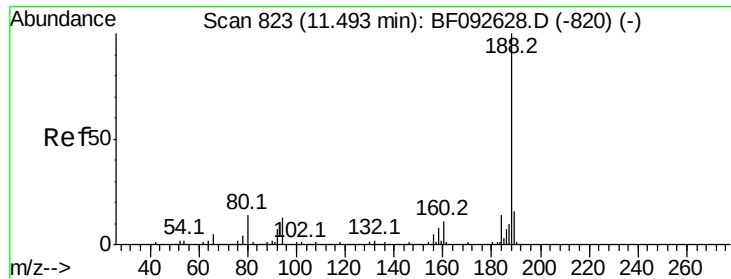
mohammad
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#62
Azobenzene
Concen: 41.72 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.0	39.3
105	23.1	2.3	42.3
51	31.0	8.9	48.9





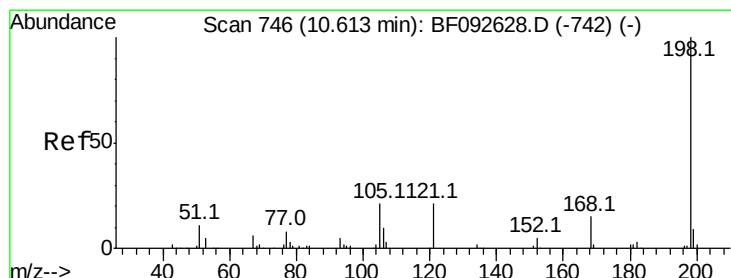
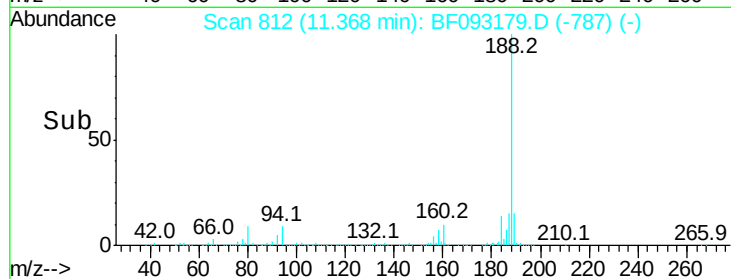
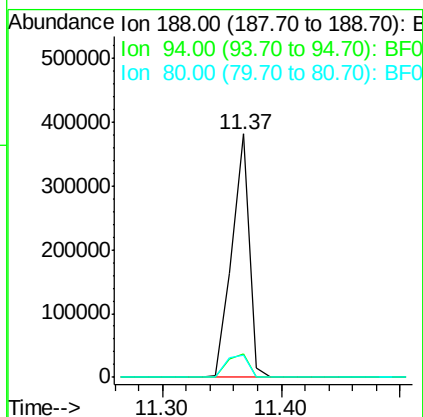
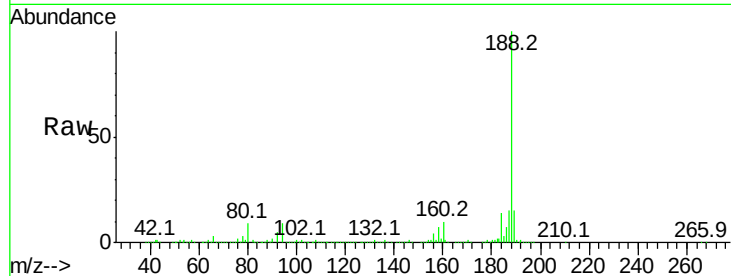
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	9.1	11.2	16.8#

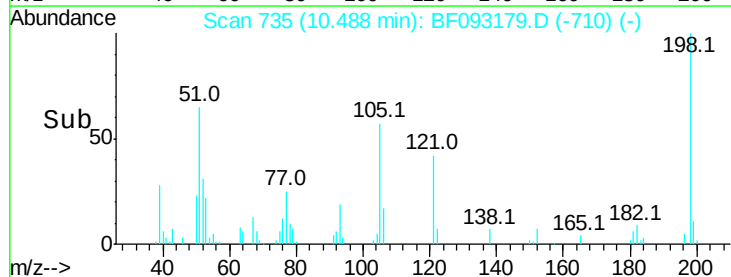
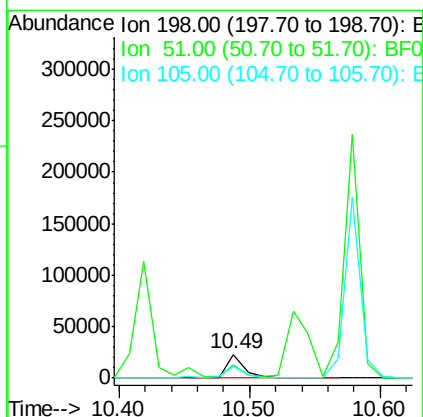
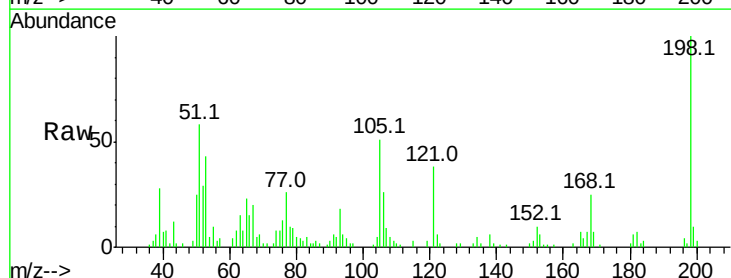
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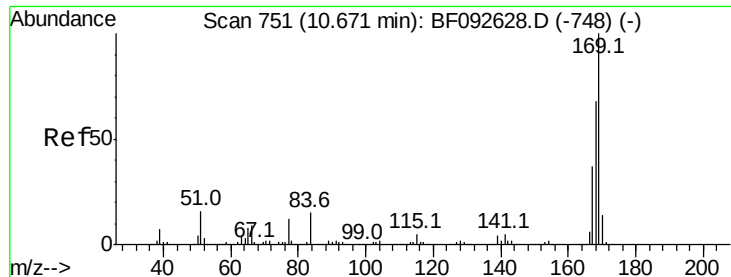
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.41 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.0	6.7	46.7#
105	50.5	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 40.49 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

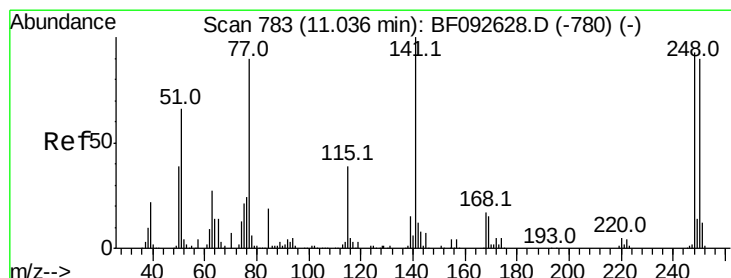
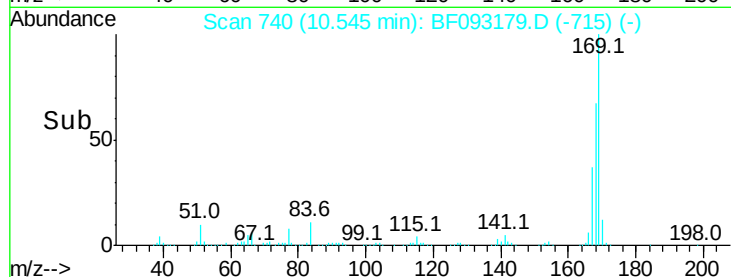
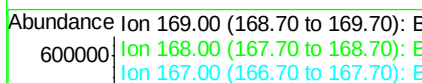
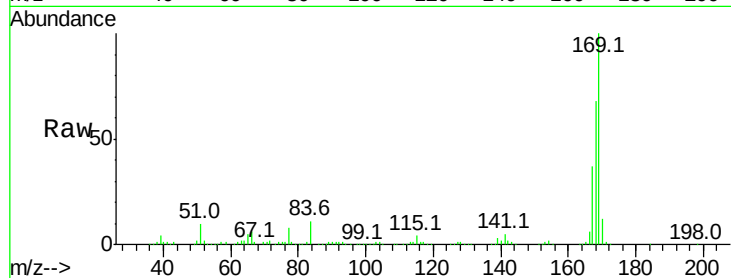
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	169	Resp:	502083
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	36.8	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 37.32 ng

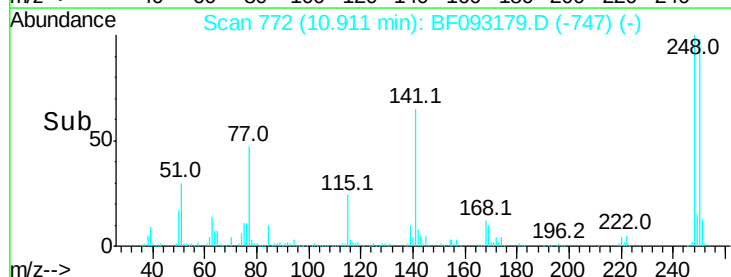
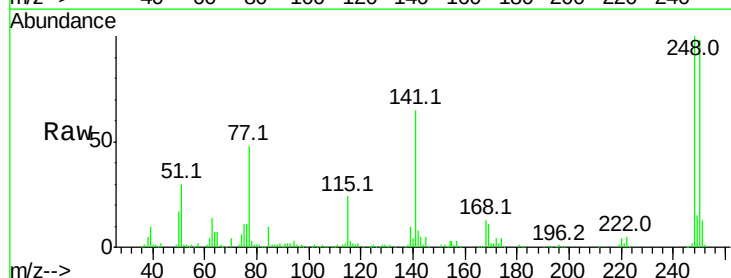
RT: 10.91 min Scan# 772

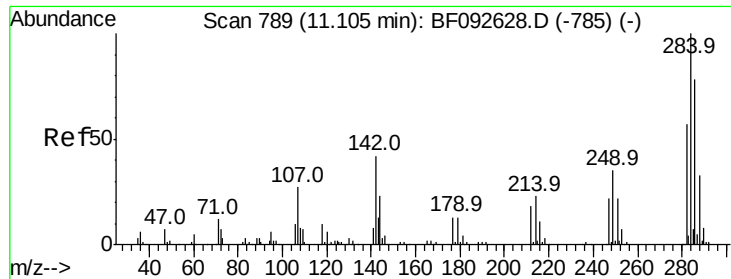
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	248	Resp:	151358
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.9	115.3
141	65.1	68.2	102.4#





#67

Hexachlorobenzene

Concen: 33.84 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

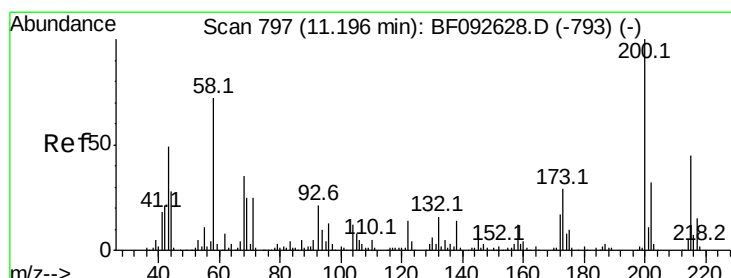
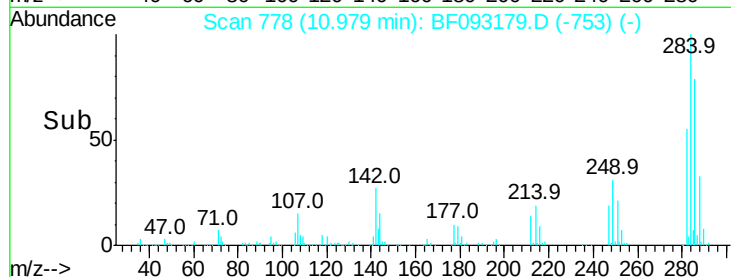
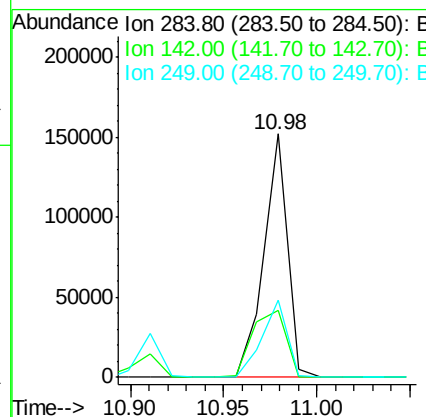
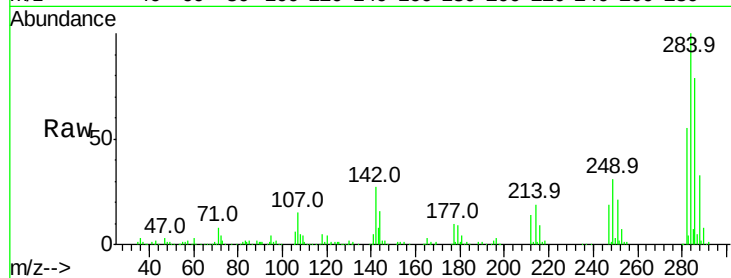
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	284	Resp:	135645
Ion Ratio	Lower	Upper	
284	100		
142	27.4	22.6	33.8
249	31.5	25.4	38.0

Manual Integrations
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#68

Atrazine

Concen: 38.80 ng

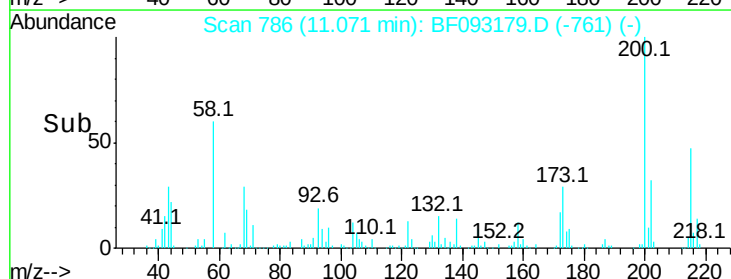
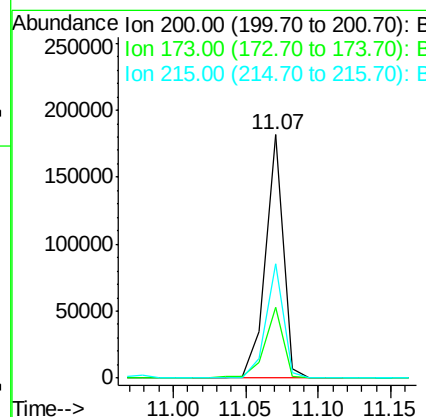
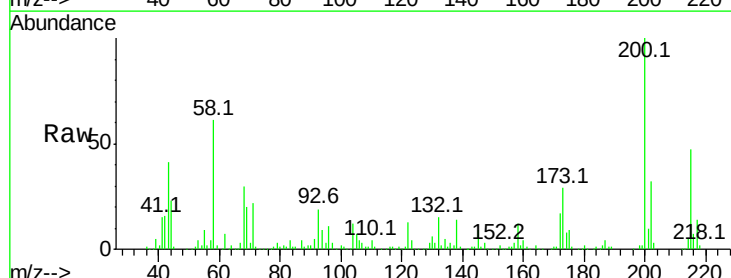
RT: 11.07 min Scan# 786

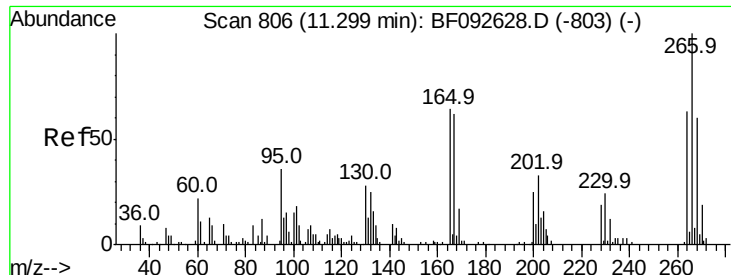
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	200	Resp:	154396
Ion Ratio	Lower	Upper	
200	100		
173	29.0	9.6	49.6
215	47.0	25.7	65.7





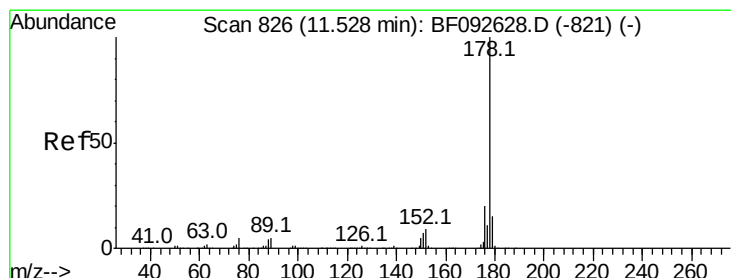
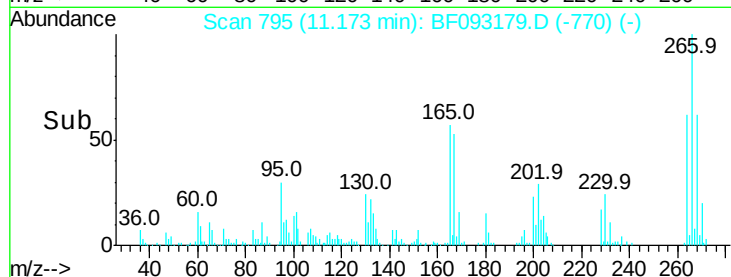
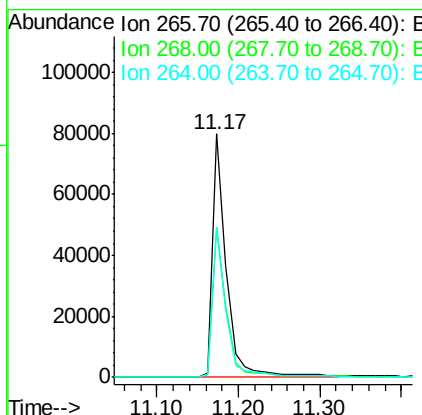
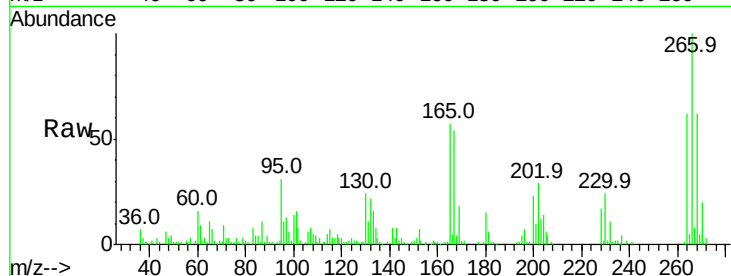
#69
 Pentachlorophenol
 Concen: 49.41 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	95962		
268	61.8	53.3	79.9	
264	61.6	50.3	75.5	

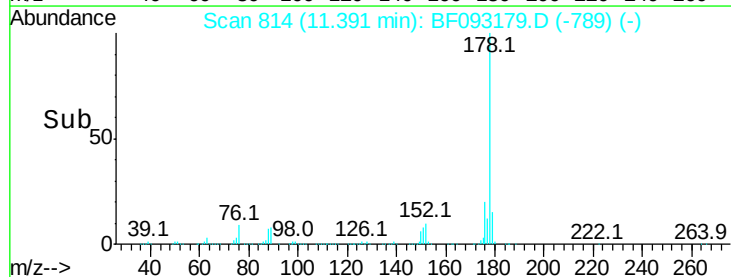
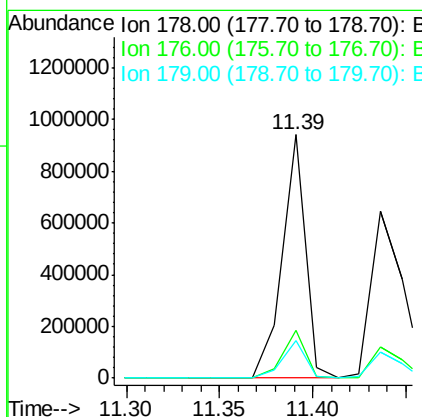
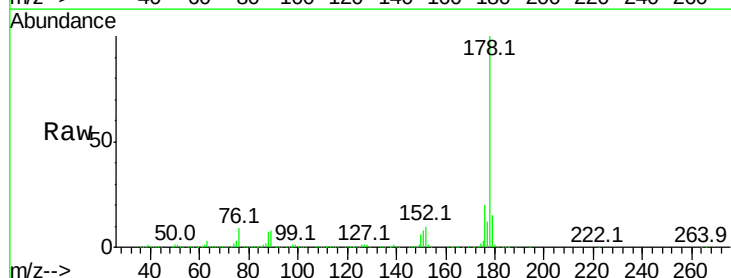
Manual Integrations
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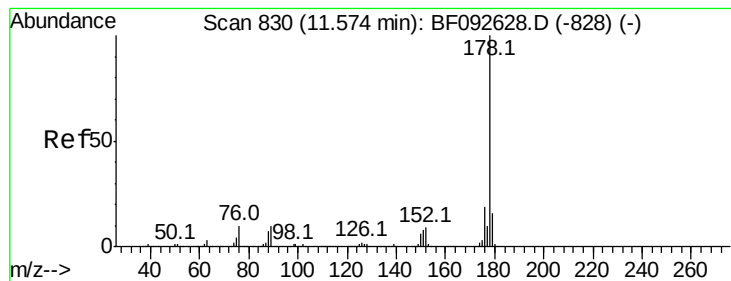
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#70
 Phenanthrene
 Concen: 36.80 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	818538		
176	19.7	16.6	25.0	
179	15.4	12.8	19.2	





#71

Anthracene

Concen: 32.24 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

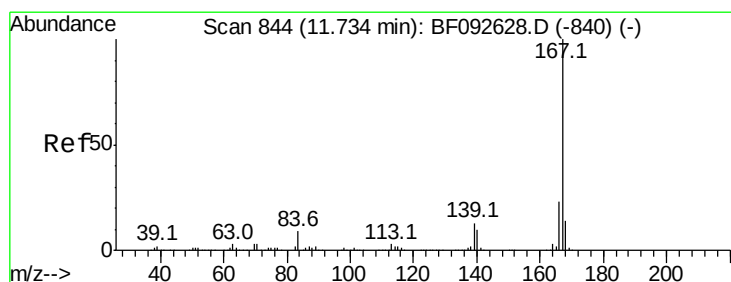
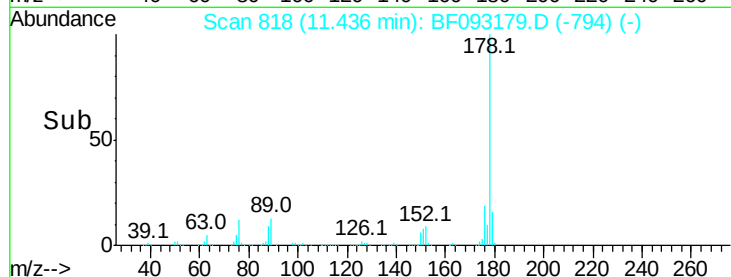
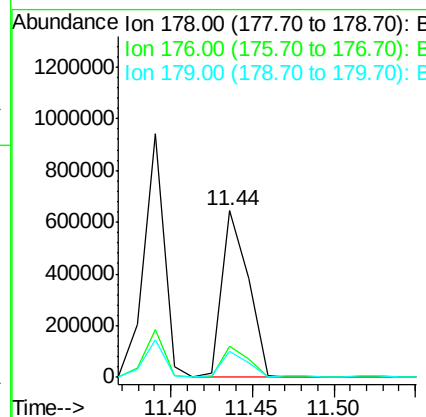
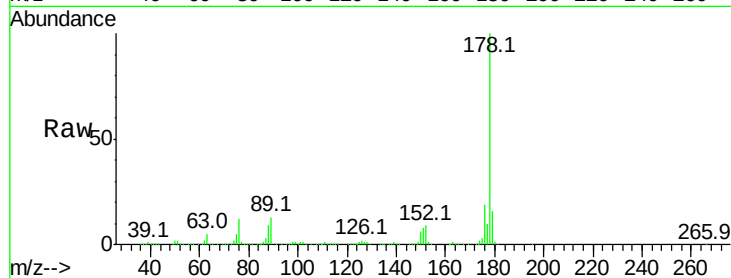
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	178	Resp:	720012
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.9	23.9
179	15.7	13.2	19.8

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#72

Carbazole

Concen: 28.84 ng

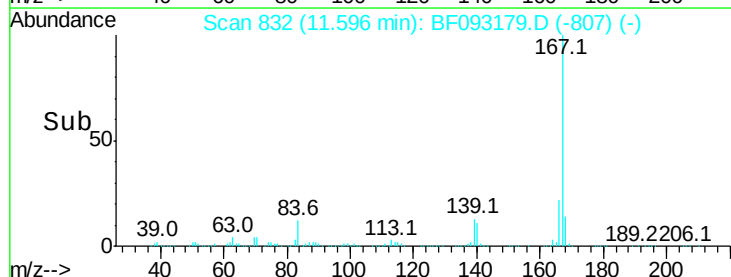
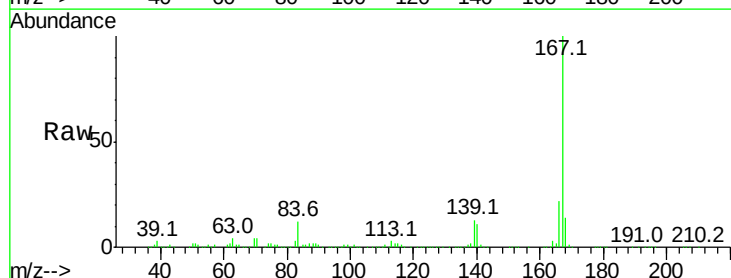
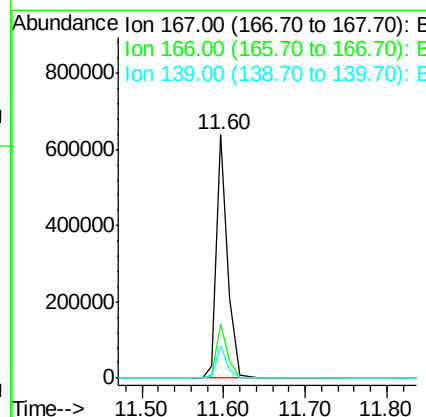
RT: 11.60 min Scan# 832

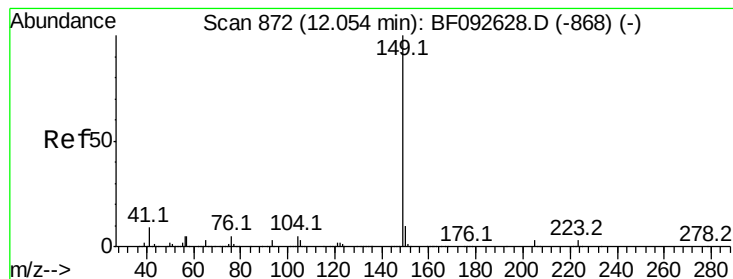
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	167	Resp:	615832
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.2
139	13.4	11.4	17.2





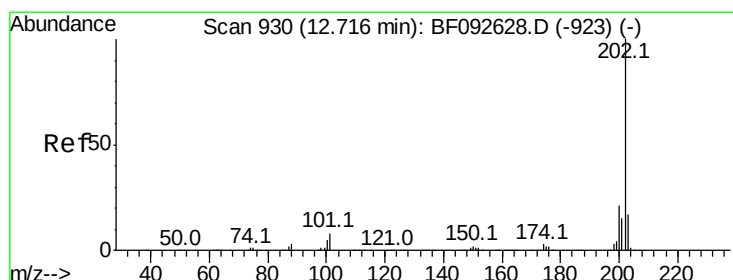
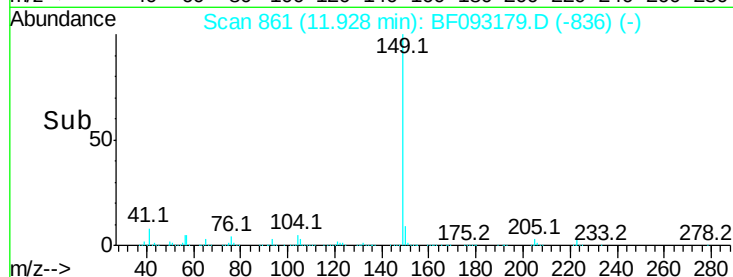
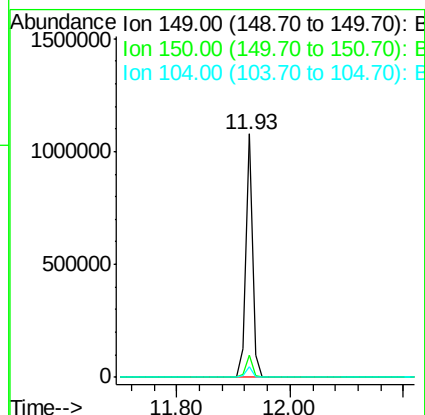
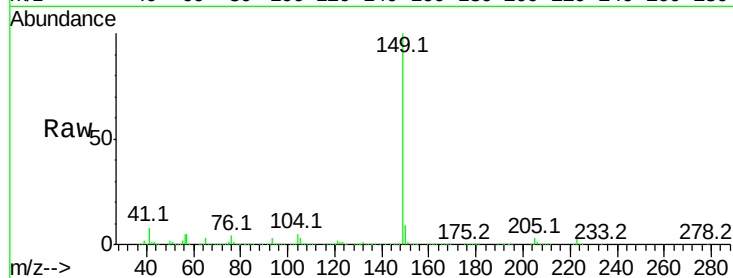
#73
Di-n-butylphthalate
Concen: 38.90 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.6	4.6	7.0

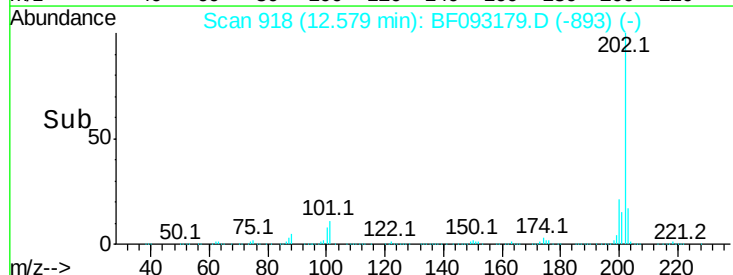
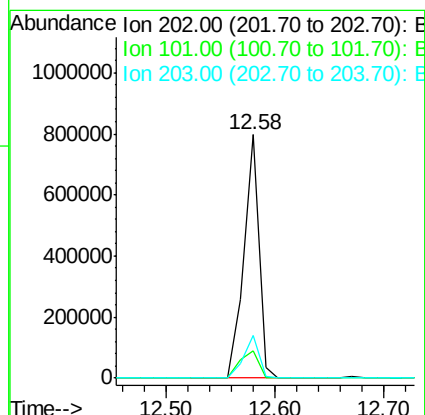
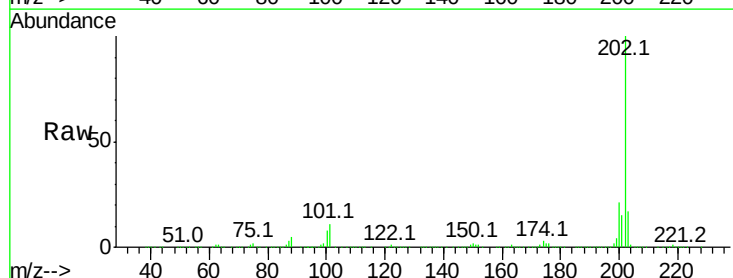
Manual Integrations
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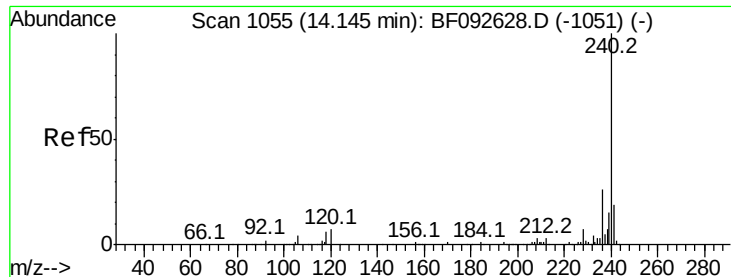
mohammad
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#74
Fluoranthene
Concen: 32.91 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	34.6
203	17.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

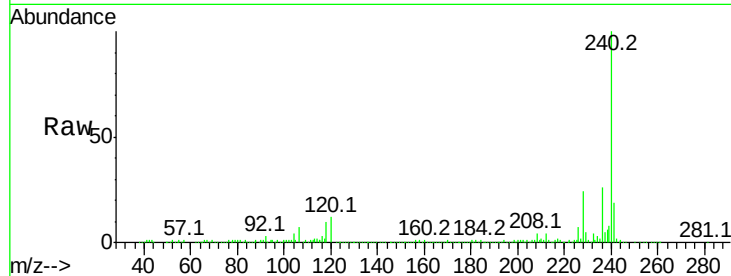
ClientSampleId :

E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	25.7	20.9	31.3

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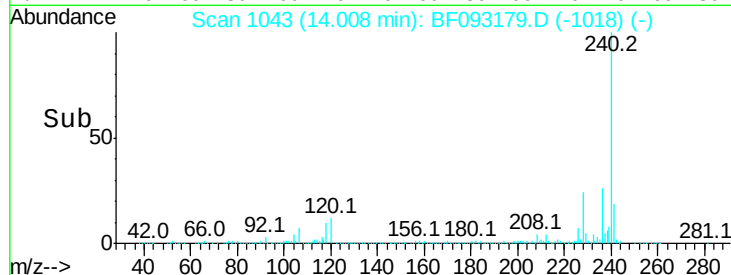


Abundance Ion 240.00 (239.70 to 240.70): E

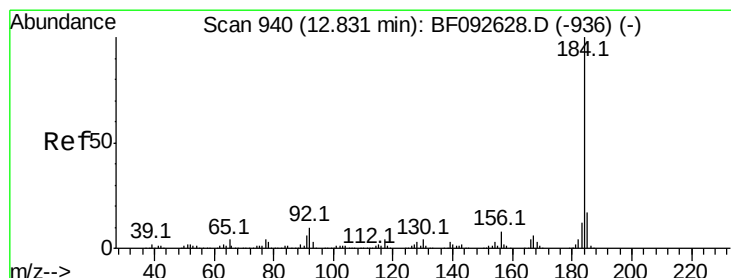
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.01



Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 8.63 ng

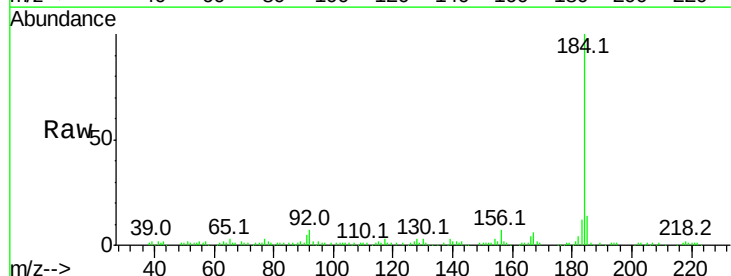
RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	13.4	20.0
183	11.5	9.2	13.8

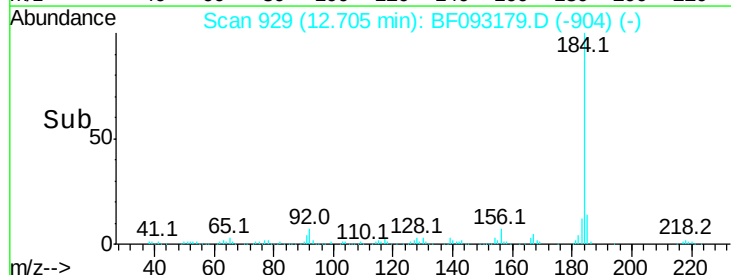


Abundance Ion 184.00 (183.70 to 184.70): E

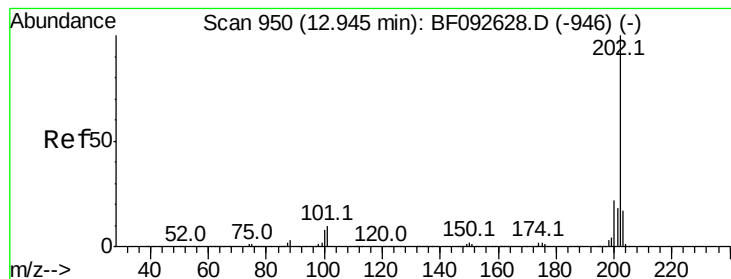
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.71



Time--> 12.60 12.80



#77

Pvrene

Concen: 32.22 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

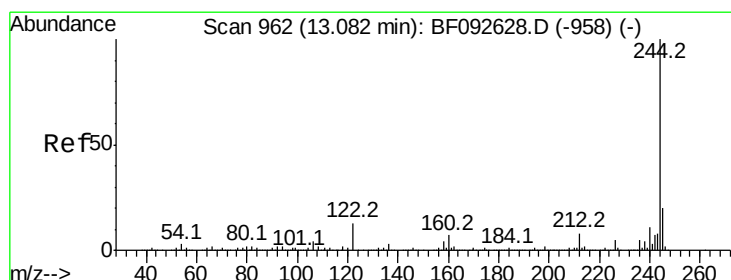
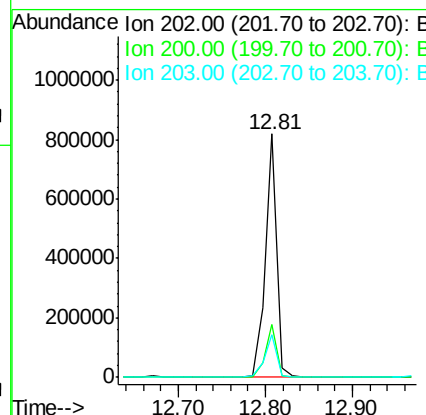
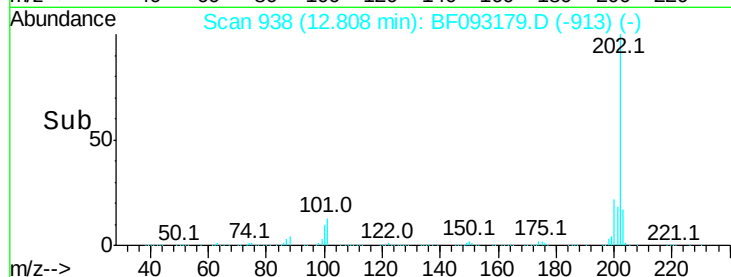
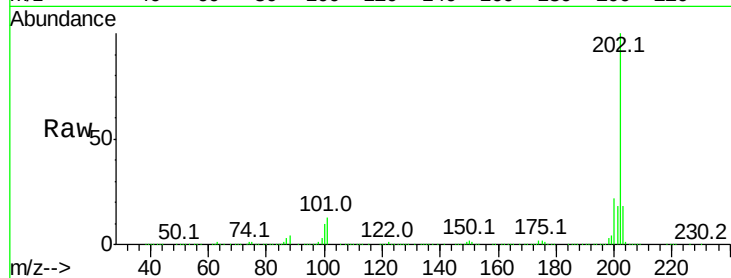
ClientSampled :

E2-Z5-BASEMS

Tot Ion:	202	Resp:	753524
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.5	14.7	22.1

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#78

Terphenyl-d14

Concen: 51.67 ng

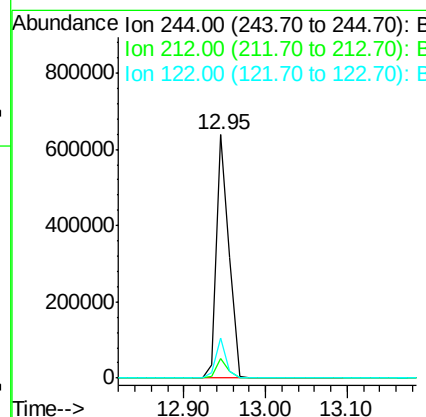
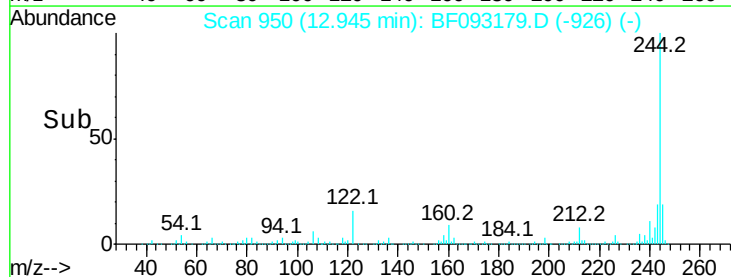
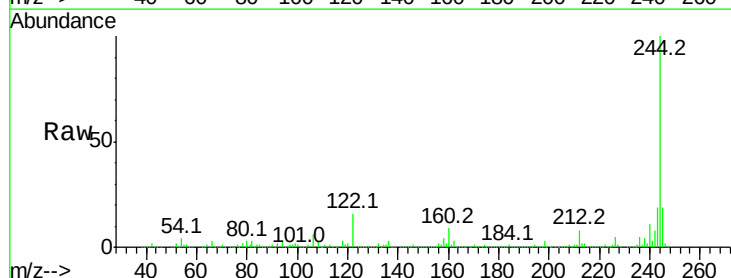
RT: 12.95 min Scan# 950

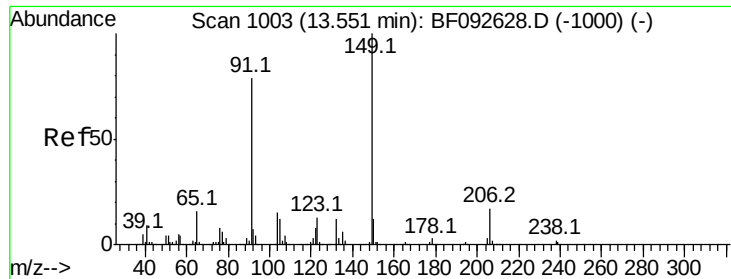
Delta R.T. -0.02 min

Lab File: BF093179.D

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Tgt Ion:	244	Resp:	687105
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	16.3	11.4	17.2





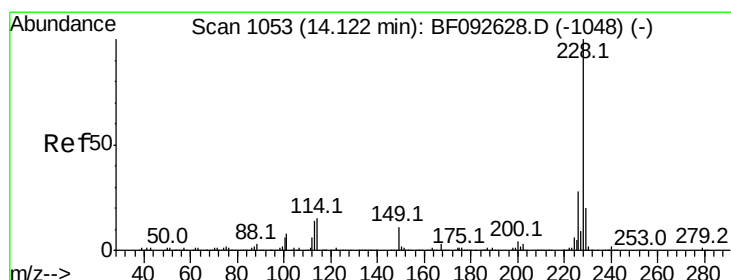
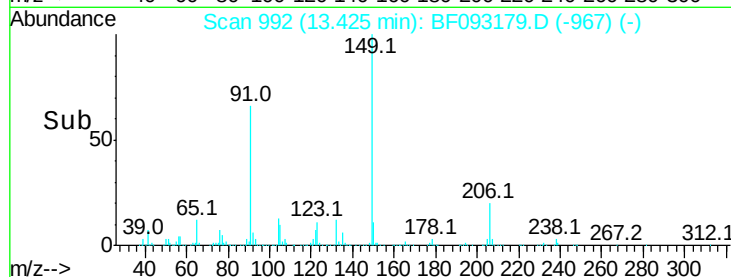
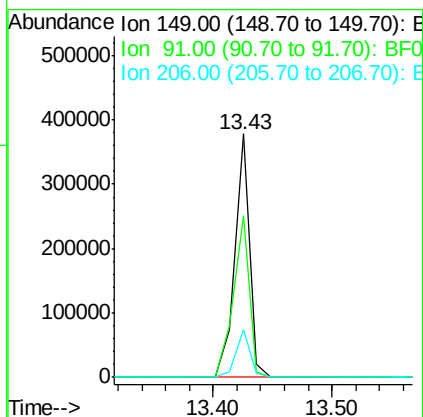
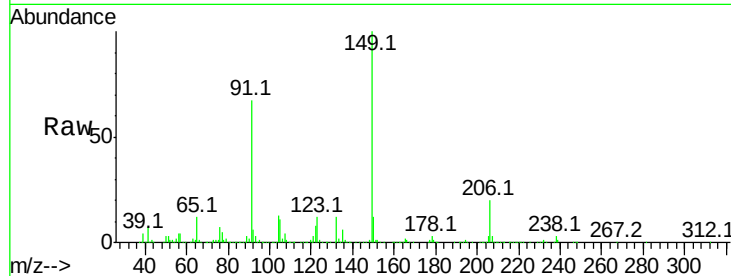
#79
Butylbenzylphthalate
Concen: 34.21 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleID :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	63.9	95.9
206	19.8	14.6	21.8

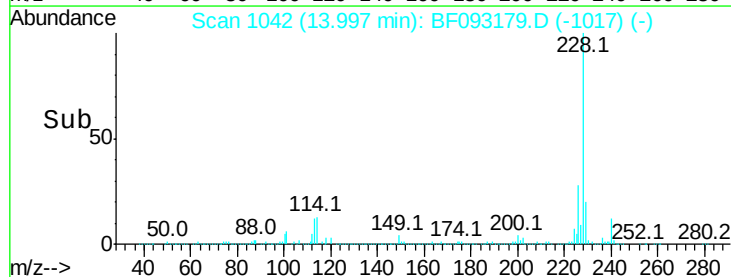
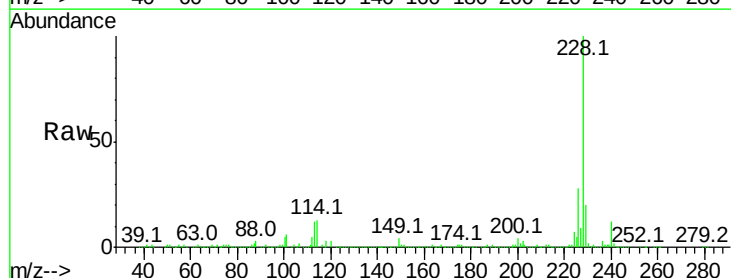
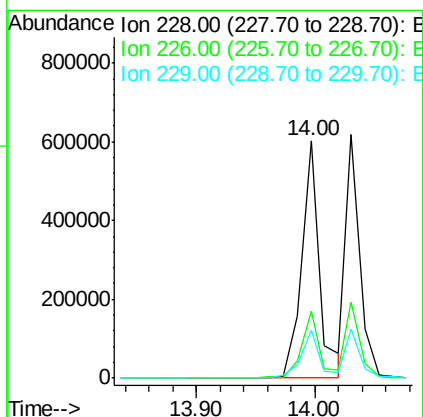
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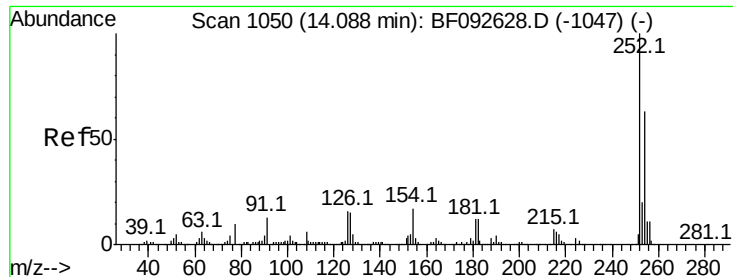
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#80
Benzo(a)anthracene
Concen: 32.74 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





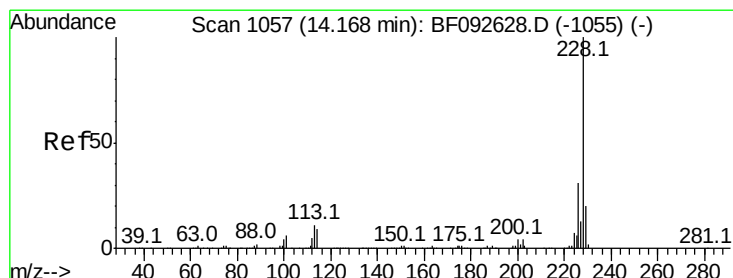
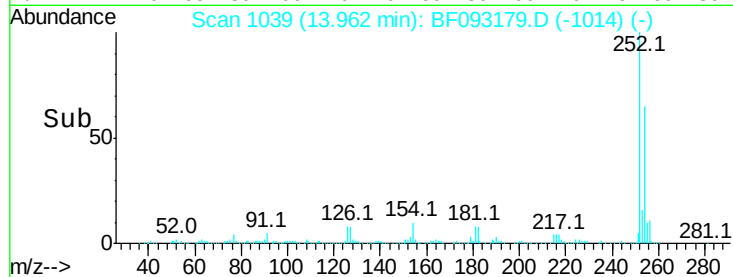
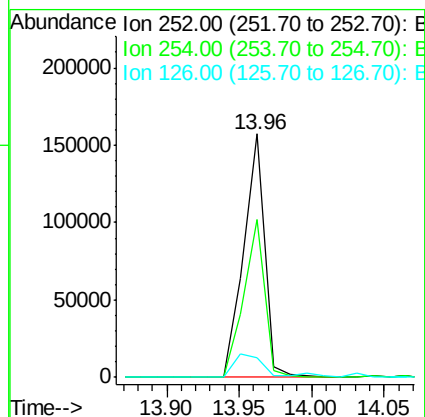
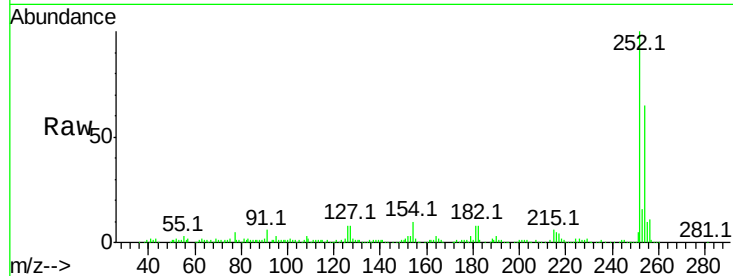
#81
 3,3'-Dichlorobenzidine
 Concen: 23.39 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	52.3	78.5
126	8.0	13.6	20.4

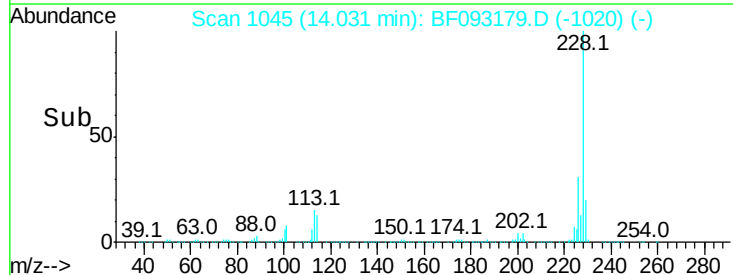
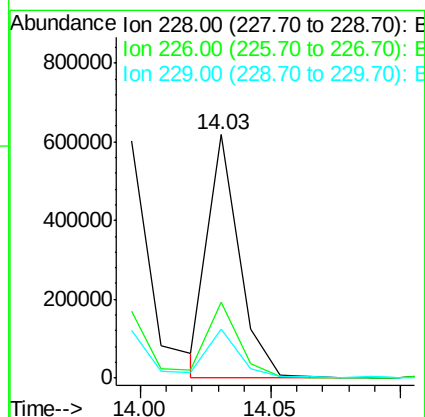
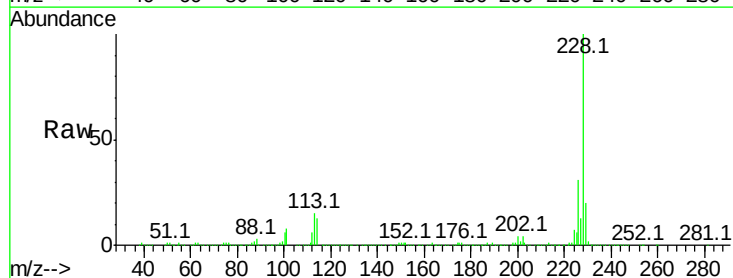
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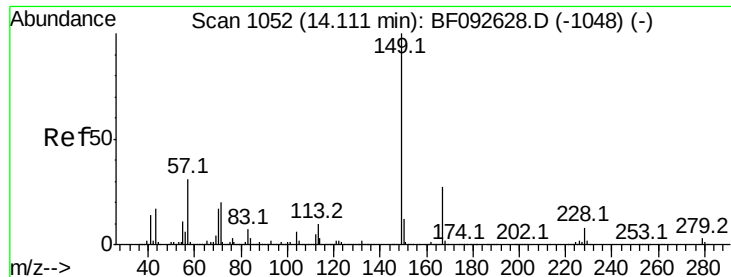
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#82
 Chrysene
 Concen: 28.63 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.2	16.2	24.2





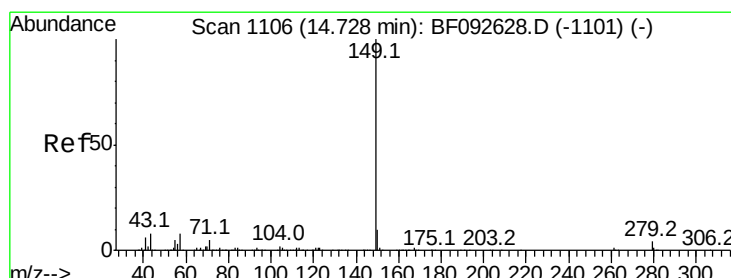
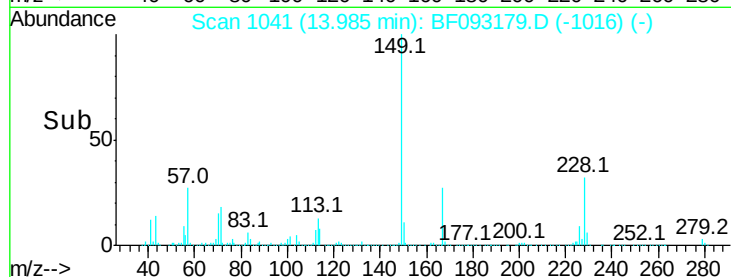
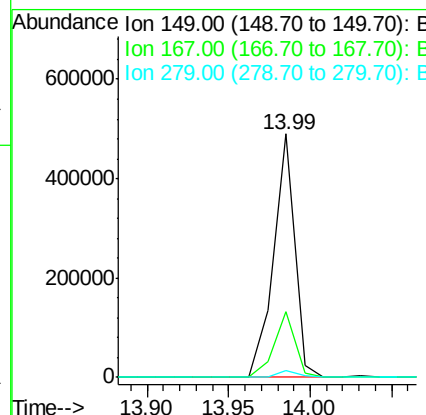
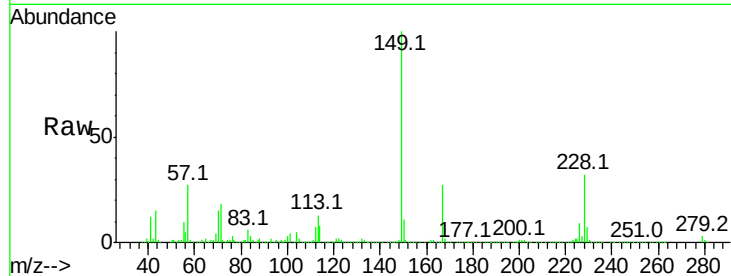
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.32 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	445644		
167	26.7	20.2	30.4	
279	3.1	1.8	2.8#	

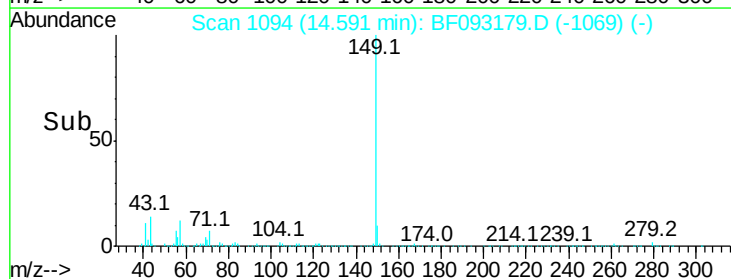
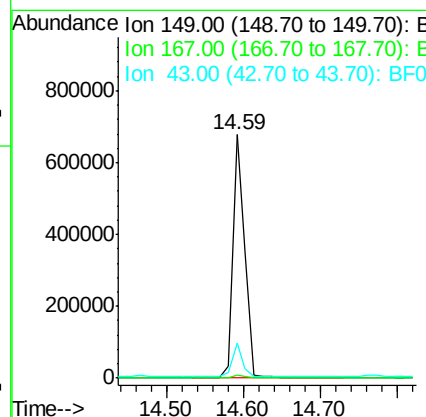
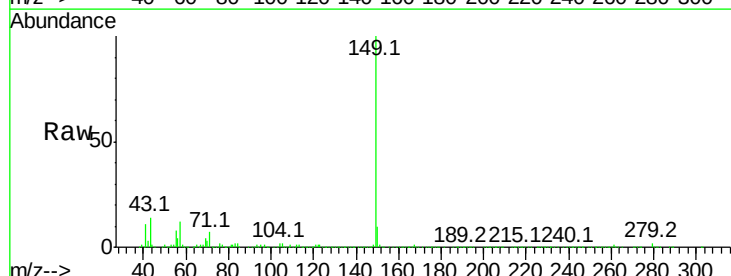
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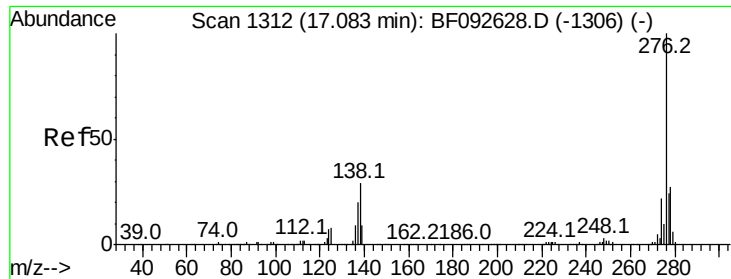
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#84
 Di-n-octyl phthalate
 Concen: 35.05 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	741245		
167	1.5	1.3	1.9	
43	11.8	8.9	13.3	





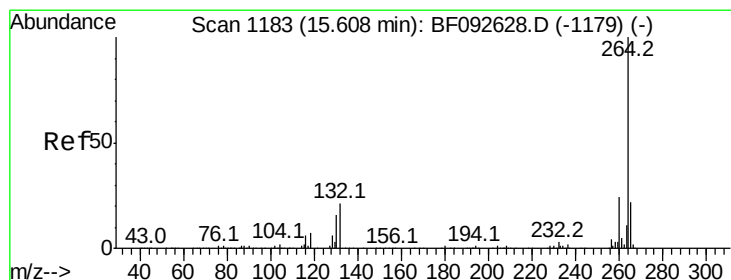
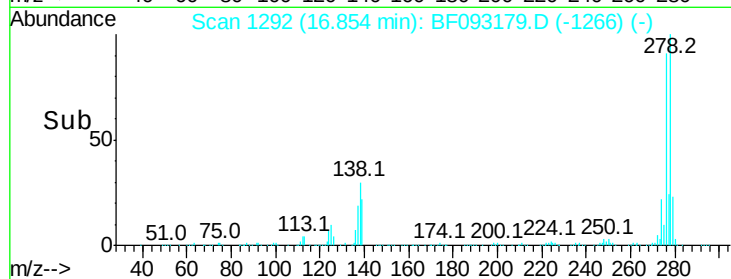
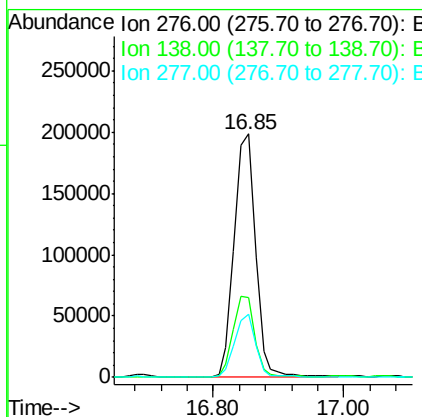
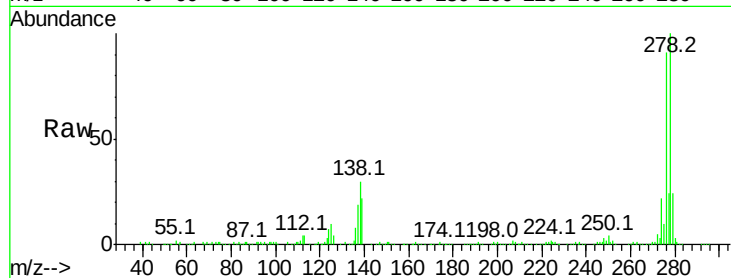
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.78 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampled :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6#
277	24.9	20.2	30.4

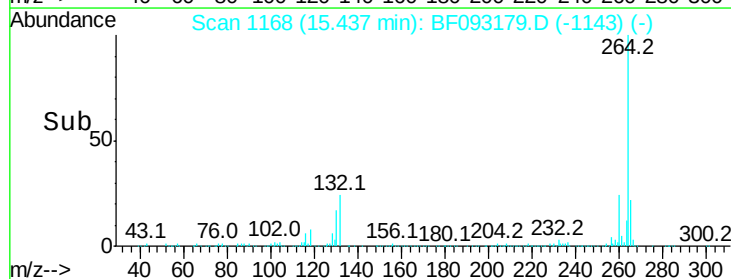
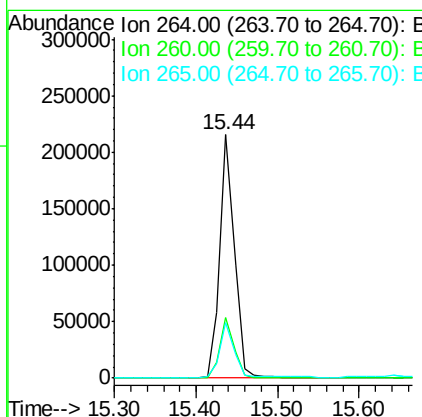
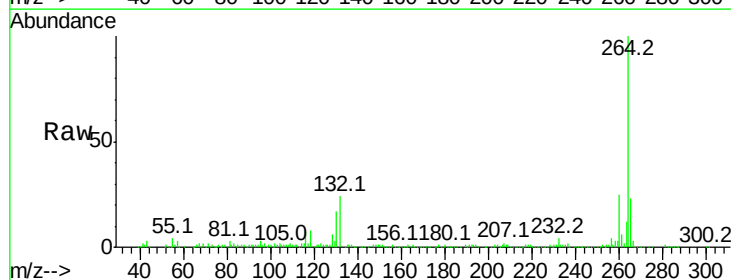
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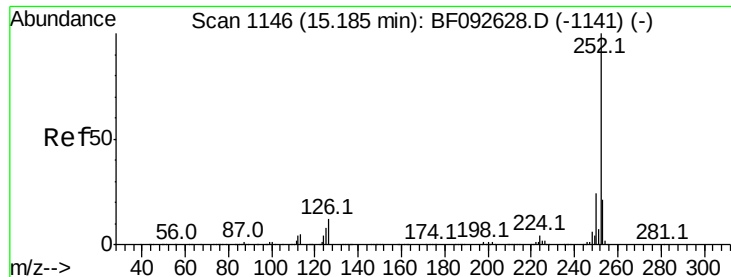
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 30.57 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Instrument :

BNA_F

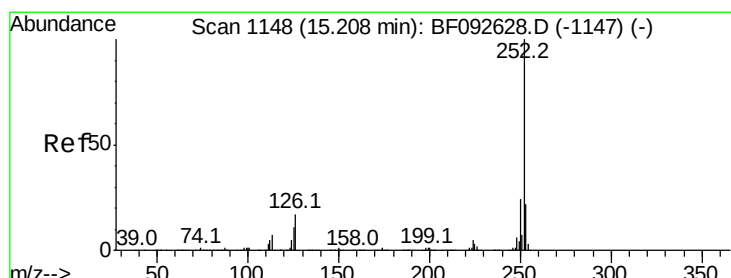
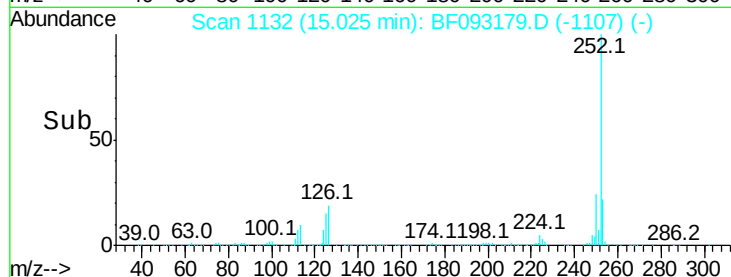
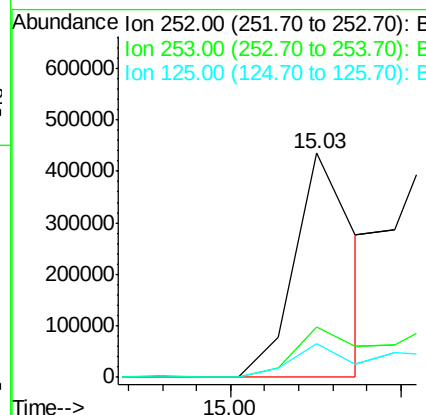
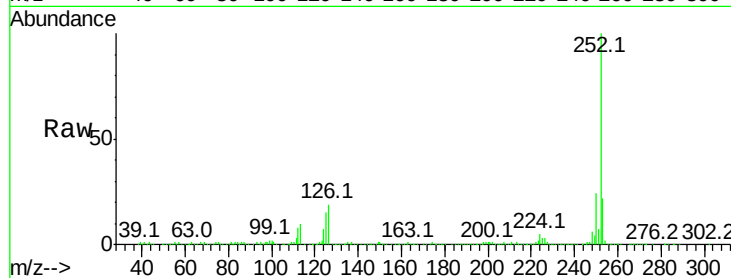
ClientSampleId :

E2-Z5-BASEMS

Tot Ion:	252	Resp:	543102
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.4
125	14.9	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.71 ng m

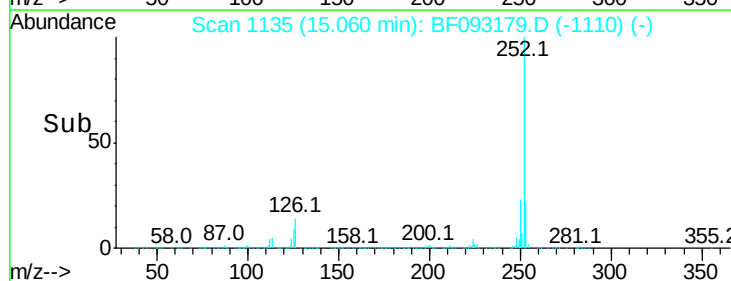
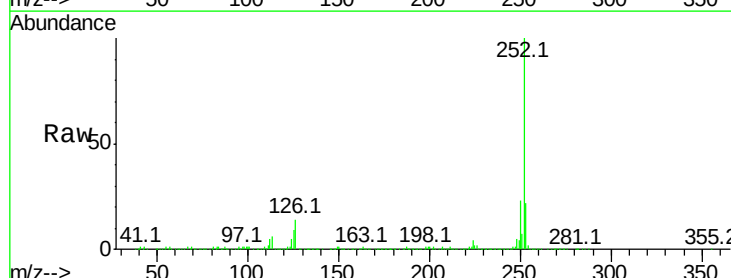
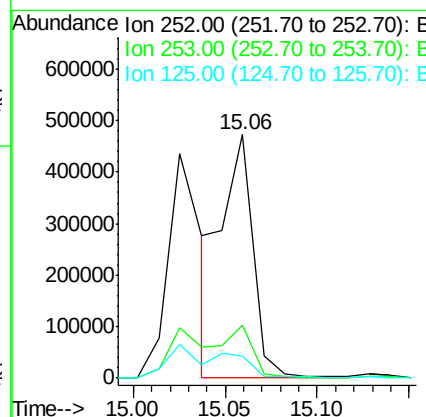
RT: 15.06 min Scan# 1135

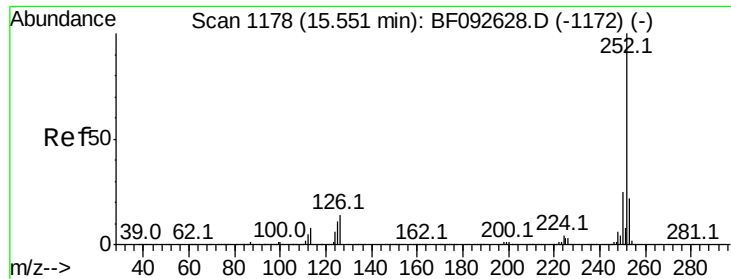
Delta R.T. -0.01 min

Lab File: BF093179.D

Acq: 25 Feb 2017 8:52

Tgt Ion:	252	Resp:	563161
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.5	27.7
125	9.3	8.9	13.3





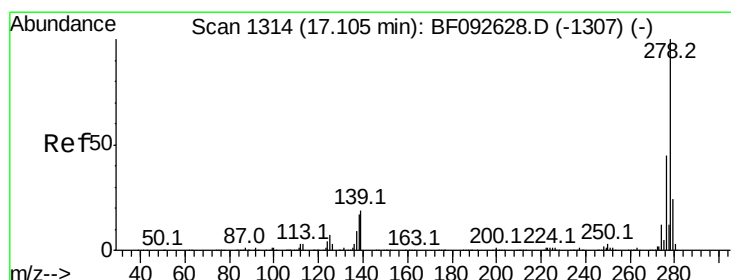
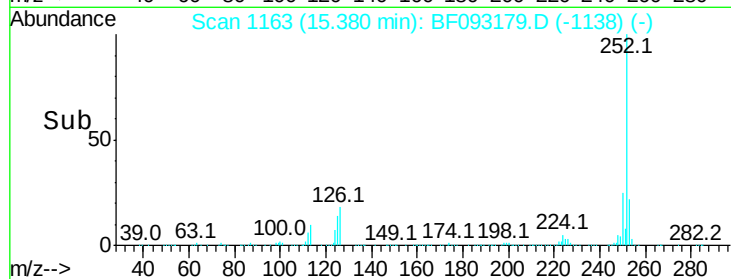
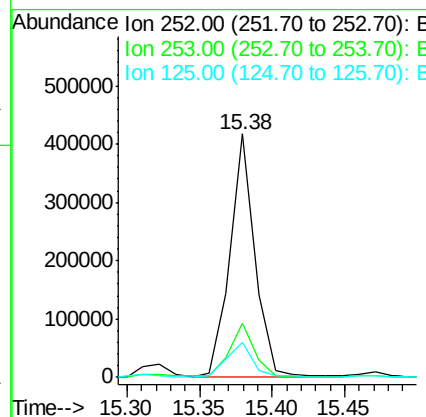
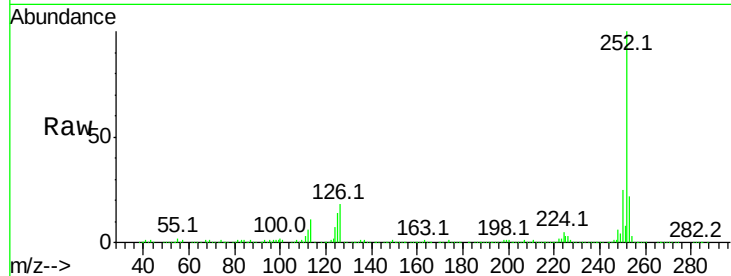
#89
Benzo(a)pyrene
Concen: 32.34 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.2	10.0	15.0

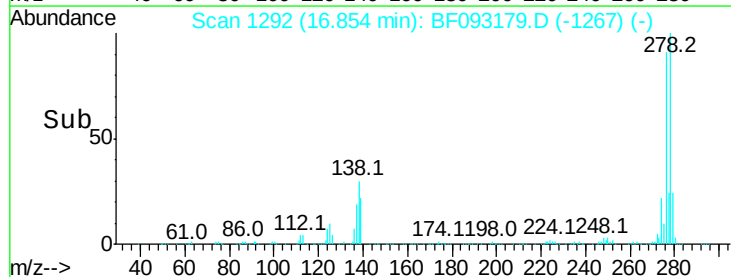
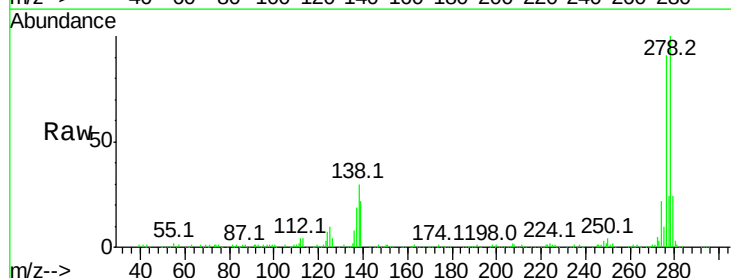
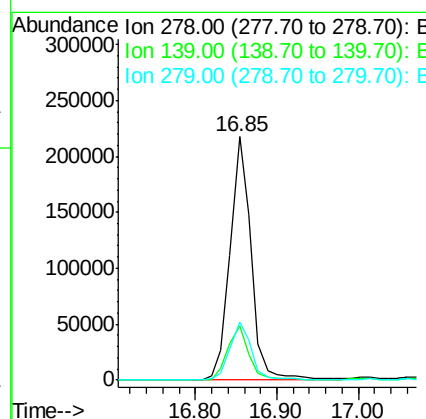
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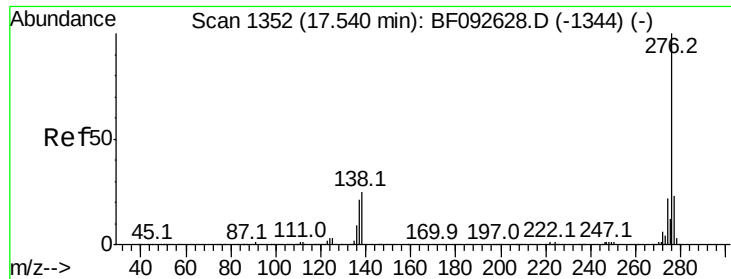
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#90
Dibenzo(a,h)anthracene
Concen: 30.88 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093179.D
Acq: 25 Feb 2017 8:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2#
279	23.9	19.8	29.6





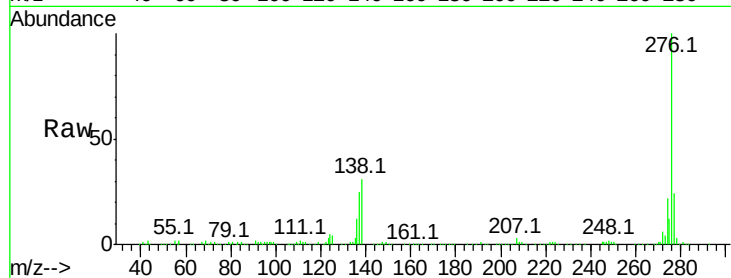
#91
 Benzo(a,h,i)perylene
 Concen: 28.50 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093179.D
 Acq: 25 Feb 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	19.2	28.8
138	31.2	16.0	24.0

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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

