

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093367.D
 Acq On : 3 Mar 2017 19:11
 Operator : SJ/MA
 Sample : PB97309BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:23 PM

Quant Time: Mar 03 22:59:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:55:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	186230	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	735173	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	352193	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	648962	20.00	ng	0.00
75) Chrysene-d12	13.95	240	542135	20.00	ng	0.00
86) Perylene-d12	15.36	264	368408	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1325581	122.12	ng	0.01
7) Phenol-d6	6.44	99	1645080	117.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	1164173	88.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	344569	135.27	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1731018	89.04	ng	0.00
78) Terphenyl-d14	12.89	244	1439908	62.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	188801	32.19	ng	# 84
3) Pyridine	3.09	79	565528	37.92	ng	88
4) n-Nitrosodimethylamine	3.06	42	303152	43.29	ng	87
6) Aniline	6.45	93	293376	15.40	ng	# 26
8) 2-Chlorophenol	6.58	128	523300	43.70	ng	91
9) Benzaldehyde	6.33	77	132986	13.29	ng	86
10) Phenol	6.45	94	683344	41.82	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	531293	40.73	ng	90
12) 1,3-Dichlorobenzene	6.73	146	563047	40.14	ng	99
13) 1,4-Dichlorobenzene	6.80	146	562507	39.62	ng	99
14) 1,2-Dichlorobenzene	6.96	146	522540	38.49	ng	98
15) Benzyl Alcohol	6.94	79	423955	41.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	872120	38.49	ng	73
17) 2-Methylphenol	7.06	107	422181	41.09	ng	93
18) Hexachloroethane	7.30	117	198105	40.88	ng	# 87
19) n-Nitroso-di-n-propylamine	7.21	70	375903	42.28	ng	93
20) 3+4-Methylphenols	7.22	107	604378	49.20	ng	# 76
22) Acetophenone	7.21	105	755147	44.99	ng	# 95
24) Nitrobenzene	7.38	77	596843	44.03	ng	98
25) Isophorone	7.62	82	1040022	42.28	ng	96
26) 2-Nitrophenol	7.70	139	300156	46.58	ng	93
27) 2,4-Dimethylphenol	7.74	122	484796	42.84	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	641259	39.36	ng	99
29) 2,4-Dichlorophenol	7.95	162	438100	41.51	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	445006	39.12	ng	96
31) Naphthalene	8.10	128	1451676	38.95	ng	99
32) Benzoic acid	7.89	122	248394	40.12	ng	97
33) 4-Chloroaniline	8.16	127	136534	9.34	ng	98
34) Hexachlorobutadiene	8.21	225	233426	37.30	ng	99
35) Caprolactam	8.53	113	149521m	45.04	ng	
36) 4-Chloro-3-methylphenol	8.66	107	494050	44.90	ng	94
37) 2-Methylnaphthalene	8.78	142	922165	38.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	441884	44.70	ng	100
40) Hexachlorocyclopentadiene	8.93	237	221428	49.64	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	286409	44.09	nq	91
43) 2,4,5-Trichlorophenol	9.13	196	293822	41.28	nq	# 84
45) 1,1'-Biphenyl	9.25	154	1186994	46.54	nq	99
46) 2-Chloronaphthalene	9.28	162	915237	45.88	nq	98
47) 2-Nitroaniline	9.38	65	292860	43.66	nq	95
48) Acenaphthylene	9.69	152	1339810	38.88	nq	99
49) Dimethylphthalate	9.55	163	1108706	46.74	nq	99
50) 2,6-Dinitrotoluene	9.63	165	235039	45.88	nq	# 69
51) Acenaphthene	9.86	154	841342	40.83	nq	97
52) 3-Nitroaniline	9.79	138	96877	16.52	nq	99
53) 2,4-Dinitrophenol	9.92	184	203503	78.20	nq	# 85
54) Dibenzofuran	10.03	168	1166255	42.32	nq	96
55) 4-Nitrophenol	9.98	139	303151	71.79	nq	# 80
56) 2,4-Dinitrotoluene	10.03	165	268925	39.43	nq	# 71
57) Fluorene	10.37	166	936635	44.17	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	234540	49.40	nq	94
59) Diethylphthalate	10.25	149	963636	43.10	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	419807	41.21	nq	89
61) 4-Nitroaniline	10.41	138	233643	38.91	nq	92
62) Azobenzene	10.52	77	1120073	48.50	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	163634	41.79	nq	# 31
65) n-Nitrosodiphenylamine	10.49	169	852982	41.14	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	275019	40.56	nq	# 86
67) Hexachlorobenzene	10.92	284	265275	39.59	nq	# 91
68) Atrazine	11.01	200	243321	36.57	nq	100
69) Pentachlorophenol	11.13	266	220851	65.31	nq	98
70) Phenanthrene	11.33	178	1399067	37.63	nq	99
71) Anthracene	11.39	178	1490766	39.93	nq	98
72) Carbazole	11.54	167	1308662	36.67	nq	99
73) Di-n-butylphthalate	11.87	149	1700272	44.05	nq	# 96
74) Fluoranthene	12.52	202	1478051	38.54	nq	95
76) Benzidine	12.65	184	329584	14.27	nq	96
77) Pyrene	12.75	202	1503933	37.07	nq	99
79) Butylbenzylphthalate	13.37	149	729443	44.27	nq	# 73
80) Benzo(a)anthracene	13.94	228	1182726	35.67	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	245005	20.73	nq	96
82) Chrysene	13.97	228	1036596m	33.39	nq	
83) Bis(2-ethylhexyl)phthalate	13.92	149	884475	39.25	nq	100
84) Di-n-octyl phthalate	14.53	149	1487598	40.54	nq	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	845502	35.16	nq	# 94
87) Benzo(b)fluoranthene	14.97	252	1140389m	47.03	nq	
88) Benzo(k)fluoranthene	14.99	252	743357m	35.50	nq	
89) Benzo(a)pyrene	15.31	252	885068	42.20	nq	97
90) Dibenzo(a,h)anthracene	16.75	278	709601	41.86	nq	98
91) Benzo(g,h,i)perylene	17.16	276	740680	43.25	nq	# 95

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

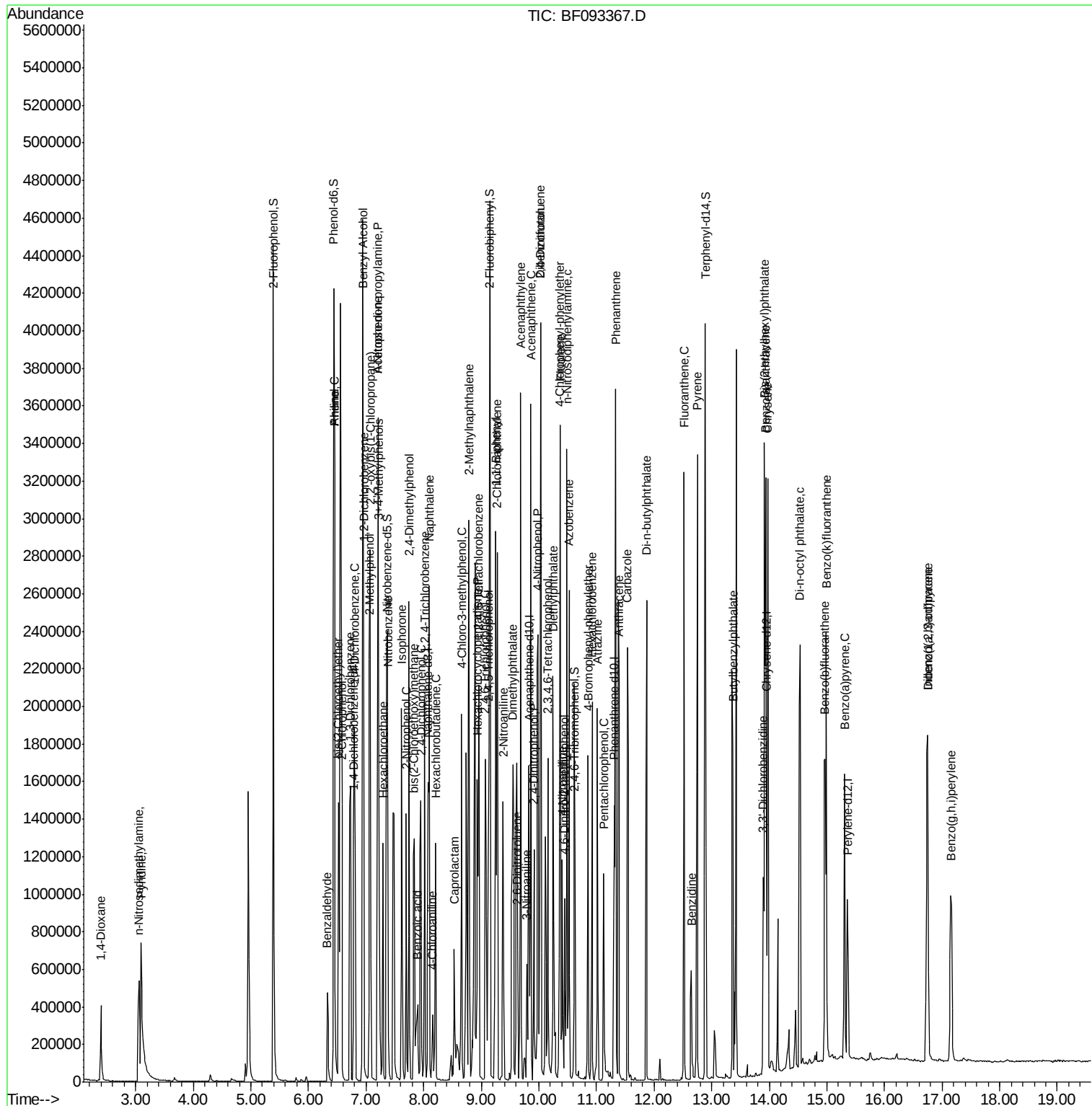
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Operator  : SJ/MA  
Sample    : PB97309BS  
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ALS Vial  : 6 Sample Multiplier: 1
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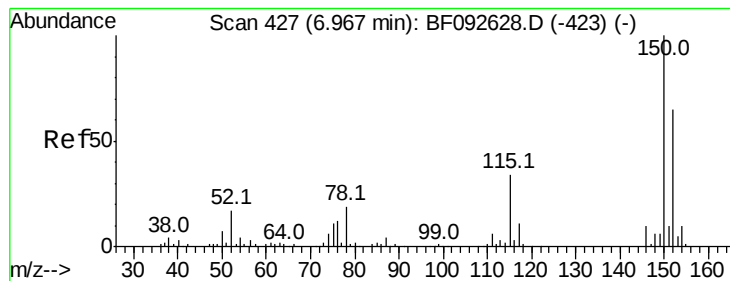
Instrument :
BNA_F
ClientSampleId :
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#1

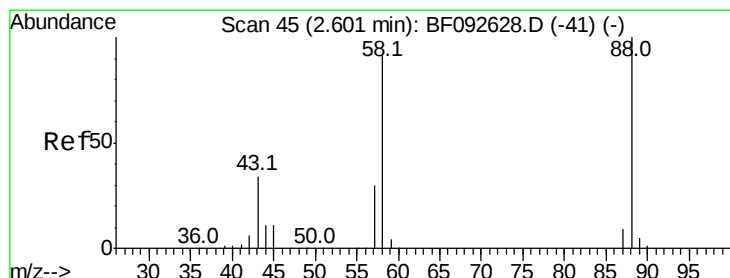
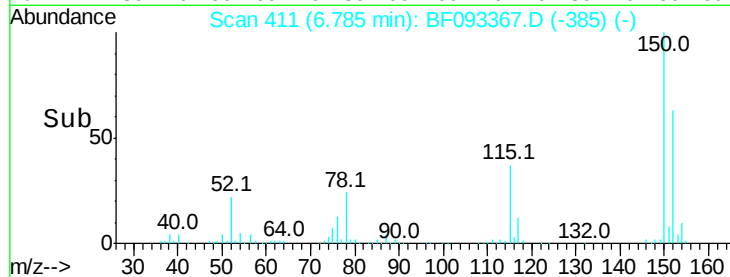
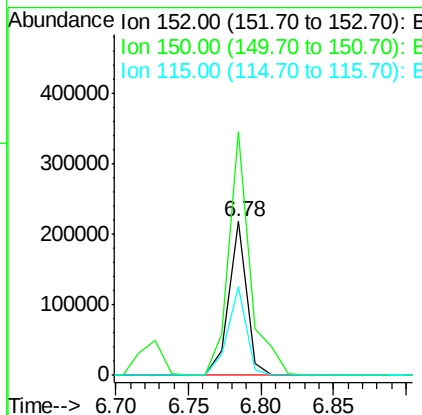
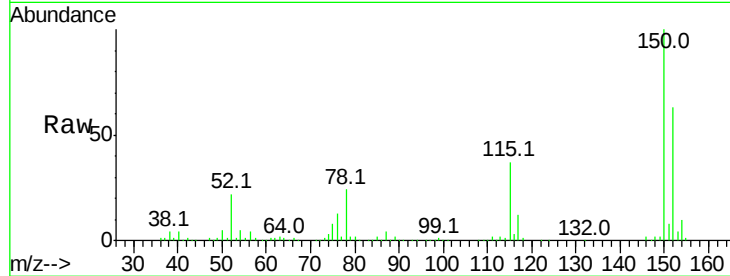
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	58.1	46.0	69.0

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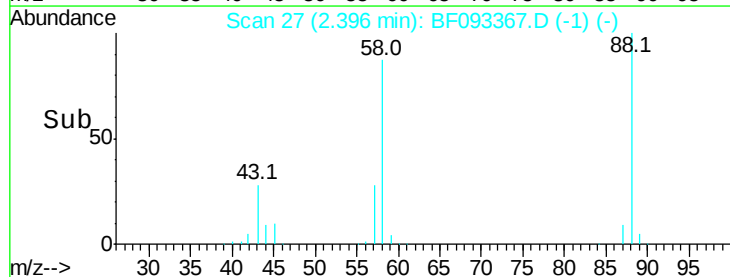
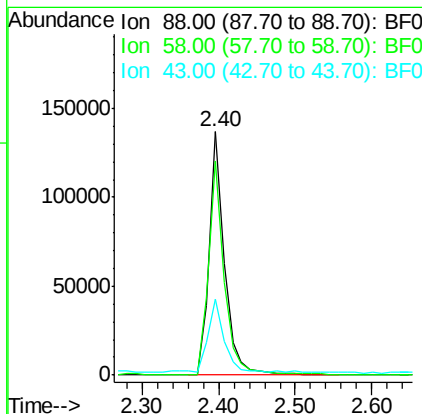
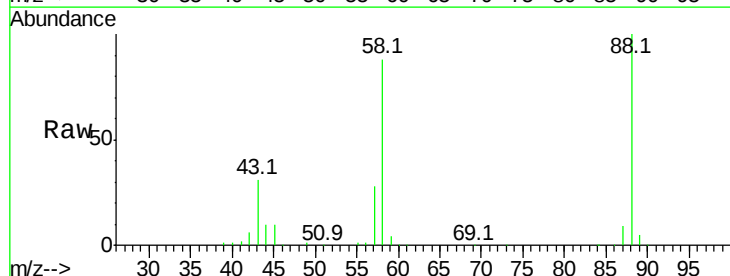
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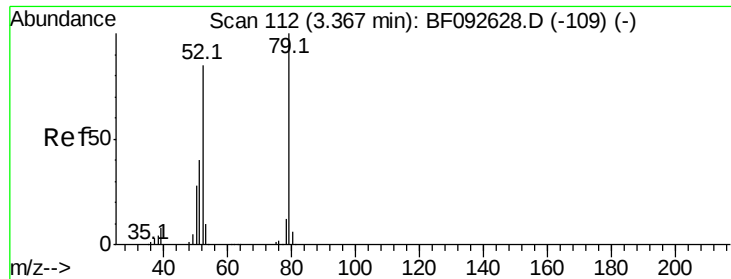


#2

1,4-Dioxane
Concen: 32.19 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.09 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	57.8	86.8#
43	31.8	22.3	33.5





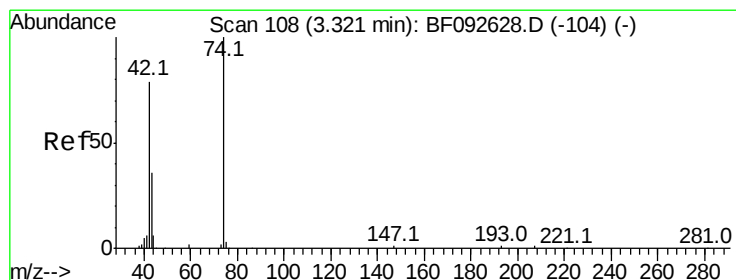
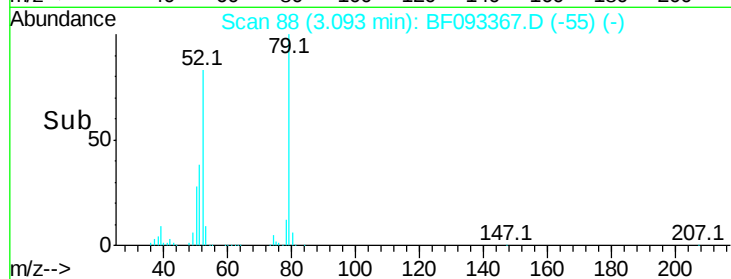
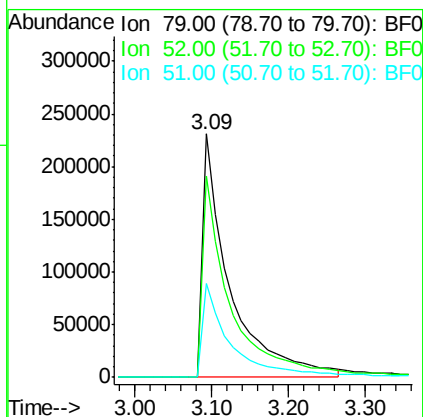
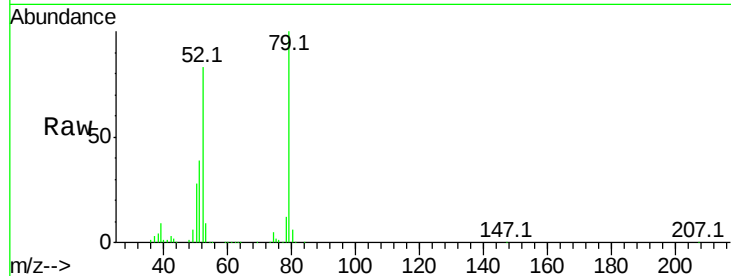
#3
 Pvridine
 Concen: 37.92 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	57.1	85.7
51	38.6	27.3	40.9

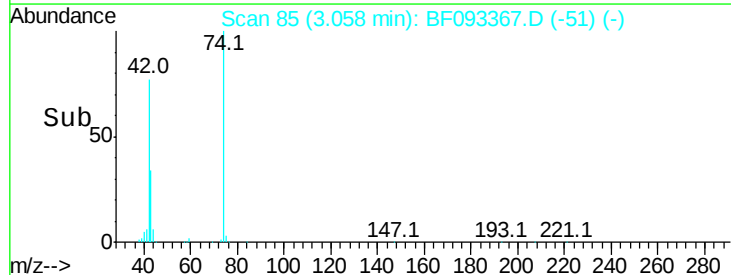
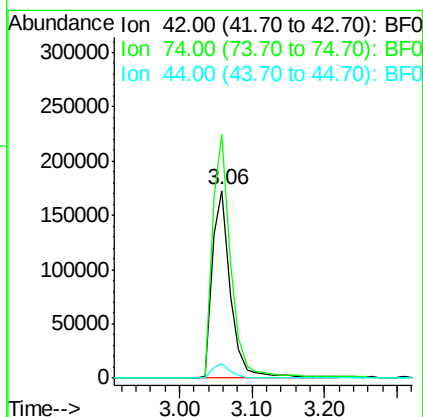
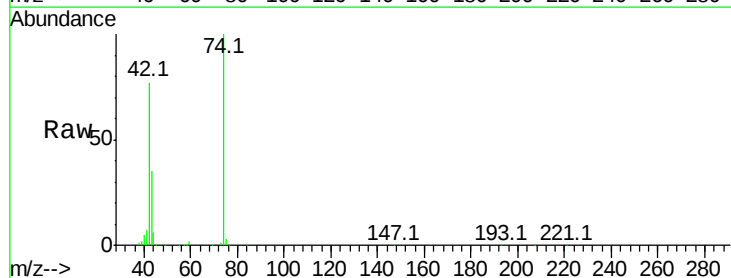
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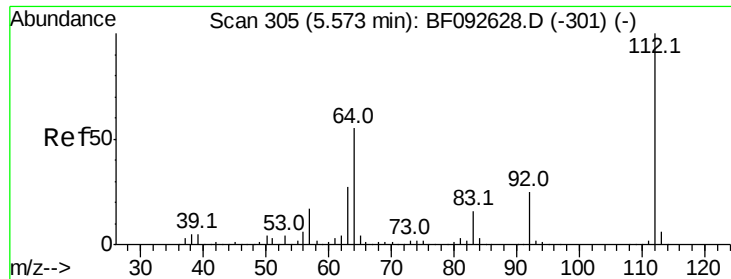
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#4
 n-Nitrosodimethylamine
 Concen: 43.29 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.09 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.7	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 122.12 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion: 112 Resp: 1325581

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

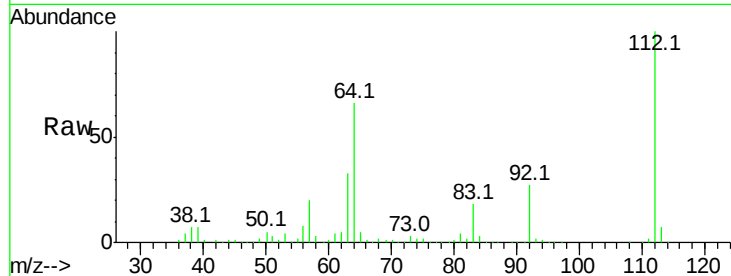
63 33.3 23.8 35.6

Manual Integrations

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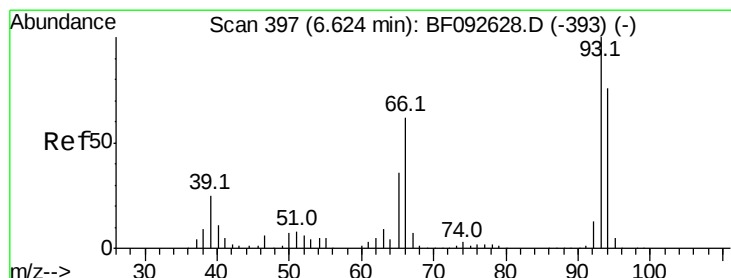
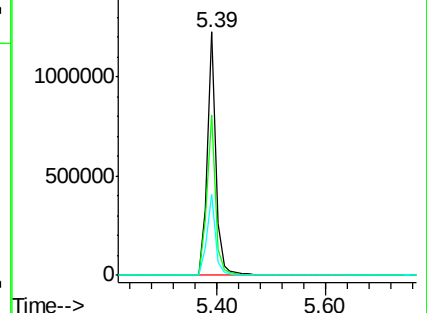
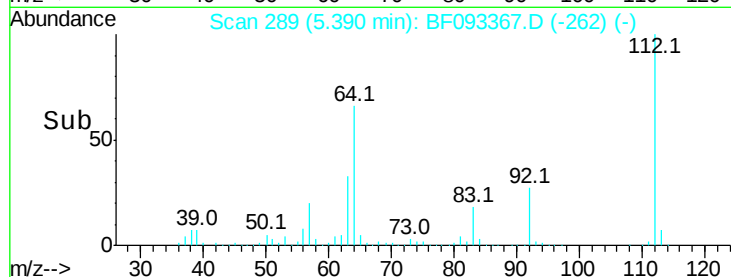
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

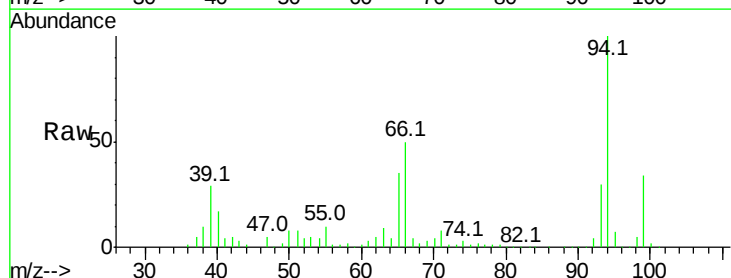
Tgt Ion: 93 Resp: 293376

Ion Ratio Lower Upper

93 100

66 168.7 76.2 114.2#

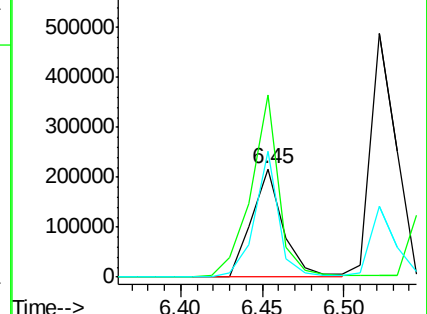
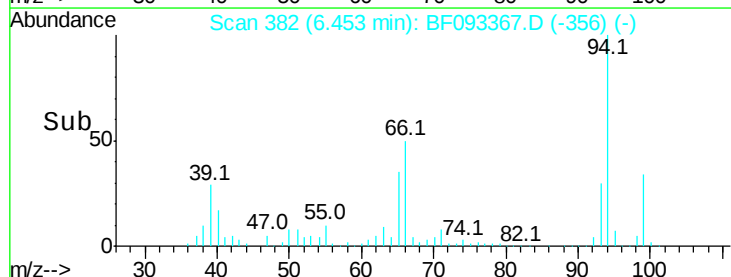
65 116.4 49.3 73.9#

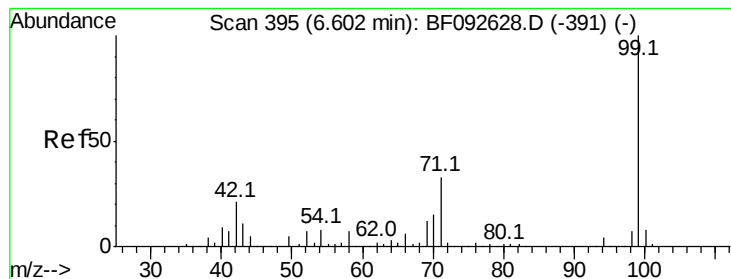


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion: 99 Resp: 1645080

Ion Ratio Lower Upper

99 100

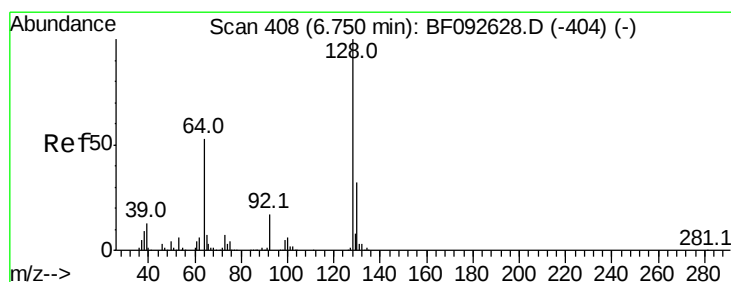
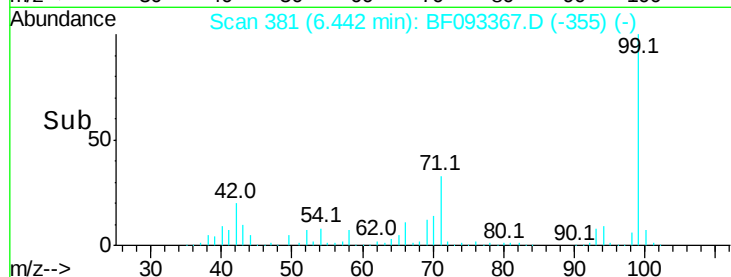
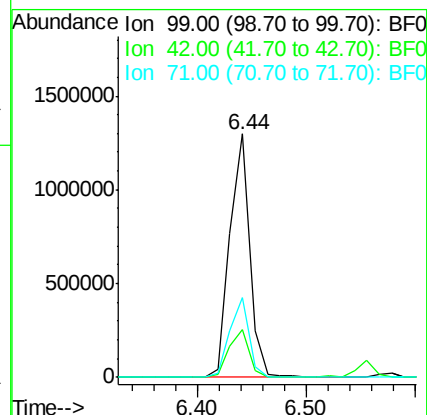
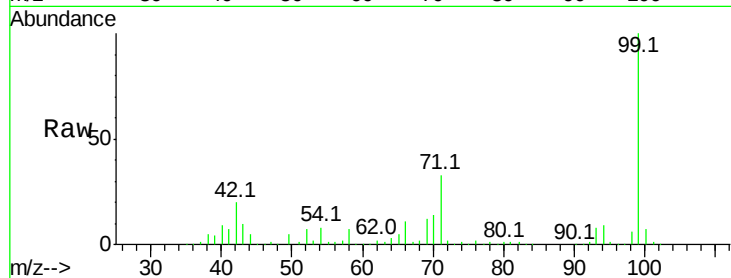
42 19.7 15.6 23.4

71 33.0 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.70 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

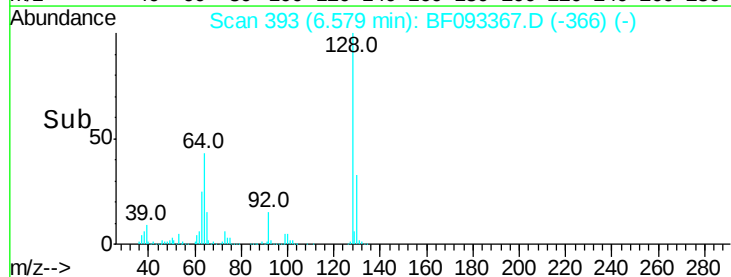
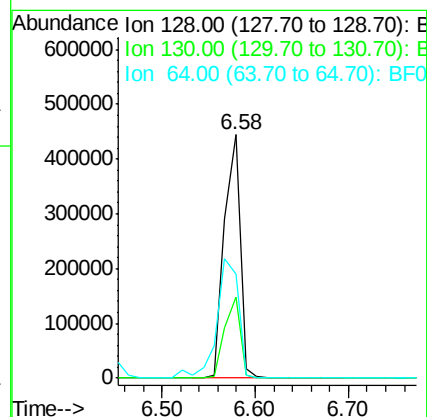
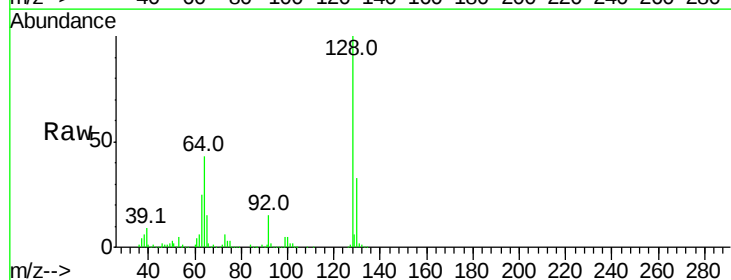
Tgt Ion: 128 Resp: 523300

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 42.9 32.2 72.2





#9

Benzaldehyde

Concen: 13.29 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

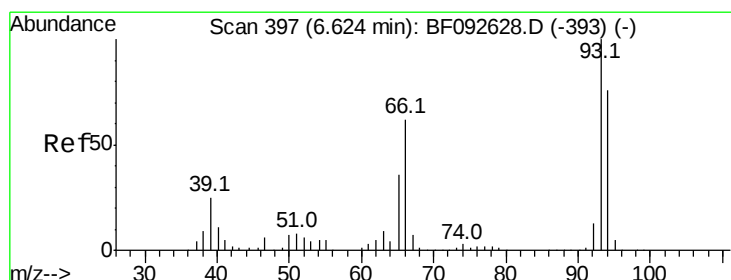
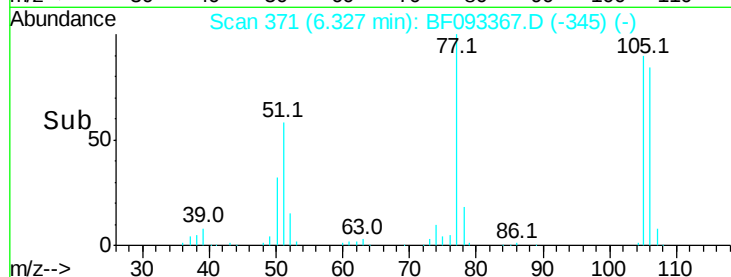
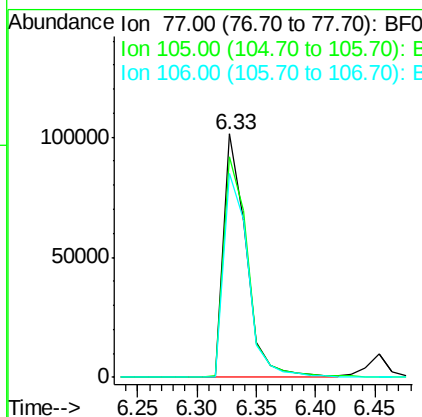
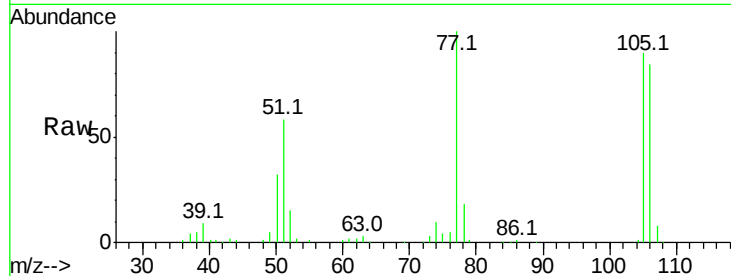
ClientSampleId :

PB97309BS

Tot Ion:	77	Resp:	132986
Ion Ratio	Lower	Upper	
77	100		
105	90.4	83.9	123.9
106	83.5	77.6	117.6

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#10

Phenol

Concen: 41.82 ng

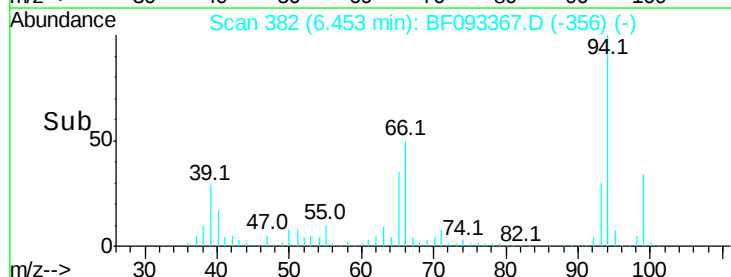
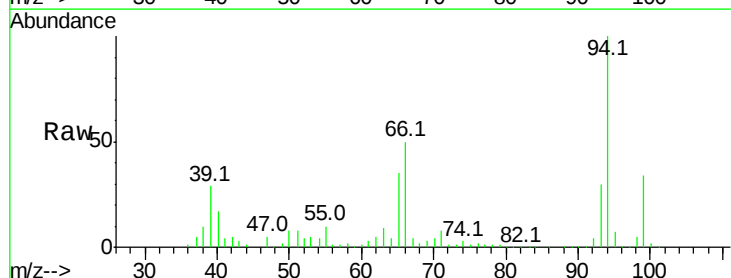
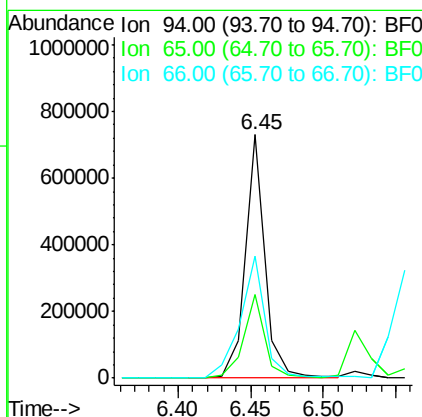
RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:	94	Resp:	683344
Ion Ratio	Lower	Upper	
94	100		
65	34.6	21.4	61.4
66	50.1	44.0	84.0





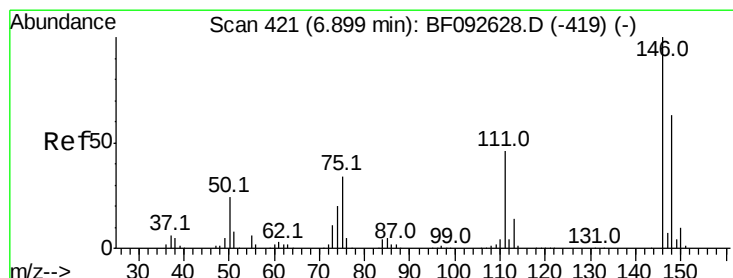
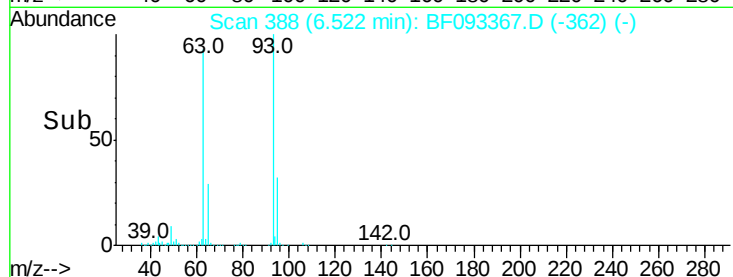
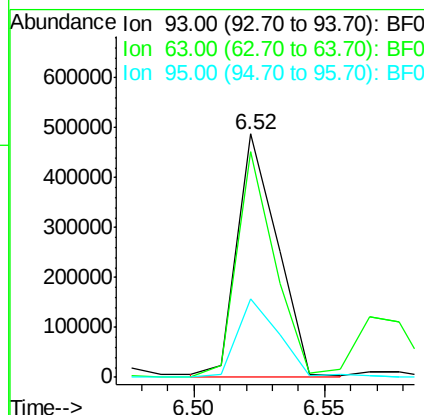
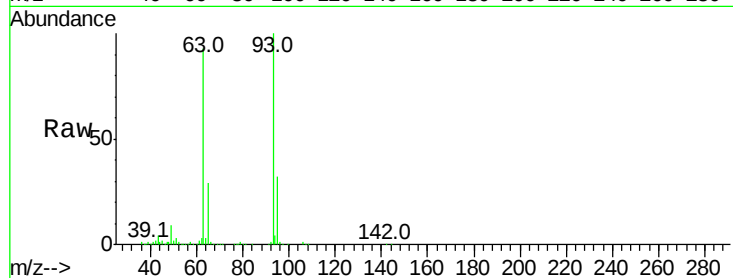
#11
bis(2-Chloroethyl)ether
Concen: 40.73 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.9	60.4	100.4
95	32.4	12.8	52.8

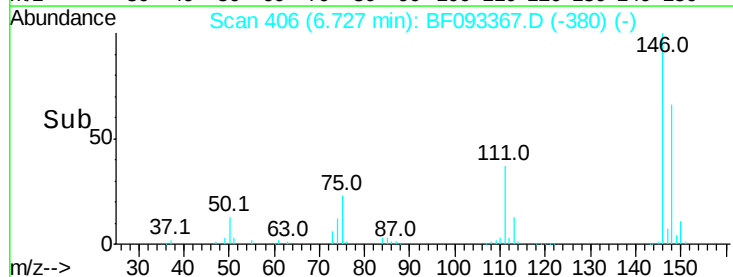
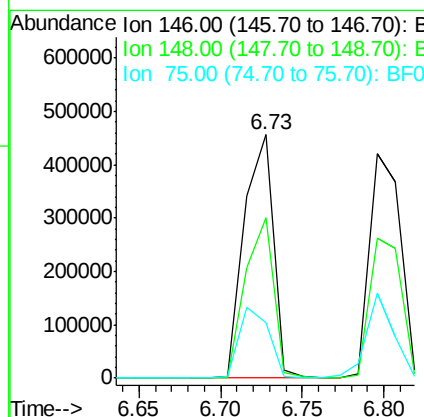
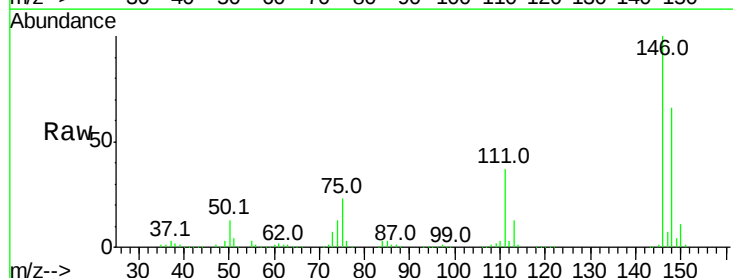
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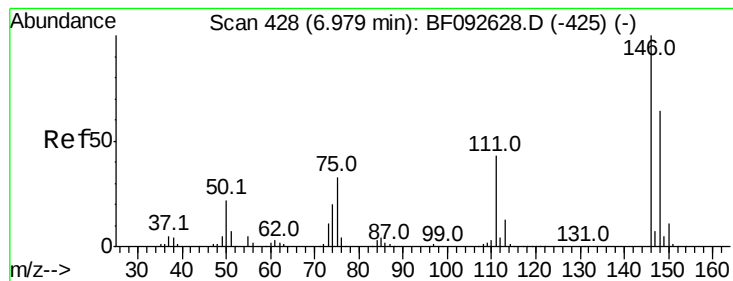
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.14 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.0
75	22.8	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.62 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

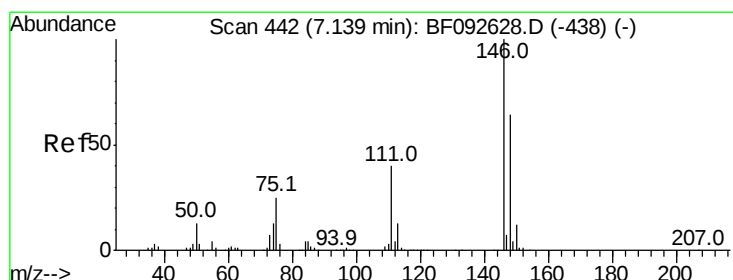
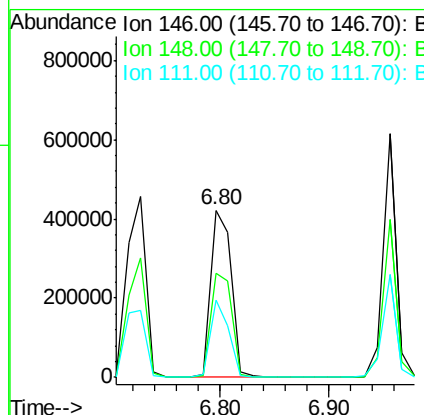
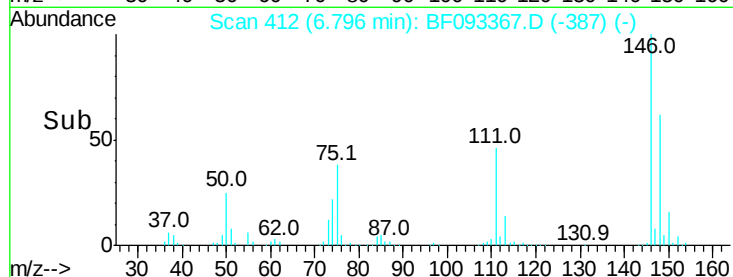
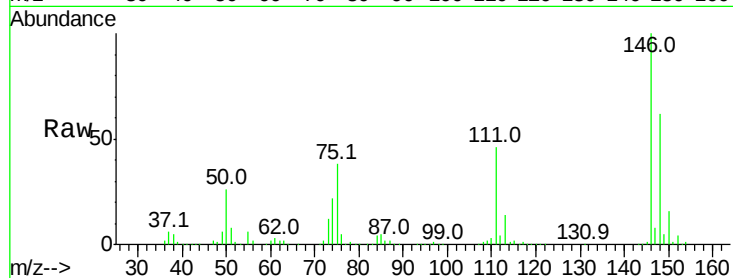
ClientSampleId :

PB97309BS

Tot Ion:	146	Resp:	562507
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	76.0
111	45.9	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 38.49 ng

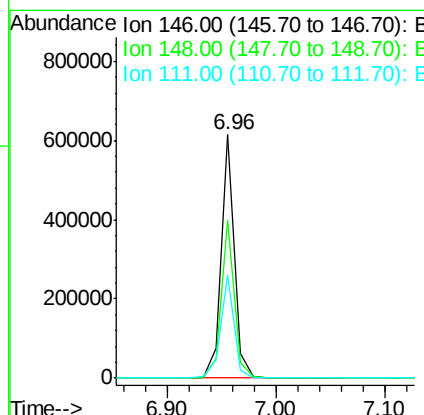
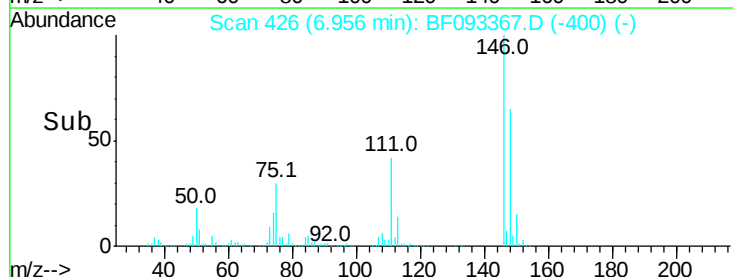
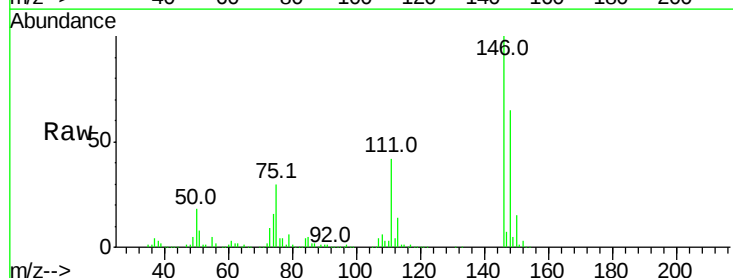
RT: 6.96 min Scan# 426

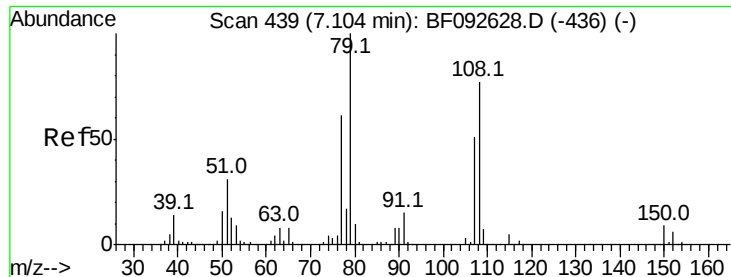
Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:	146	Resp:	522540
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	42.3	36.2	54.2





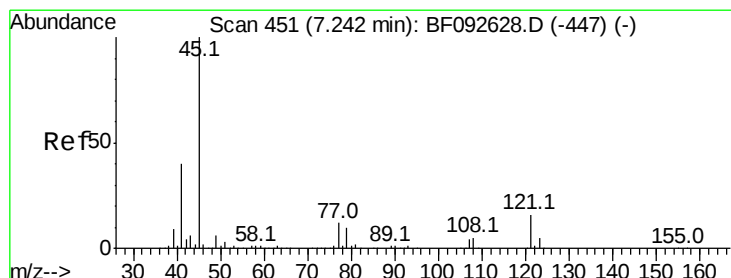
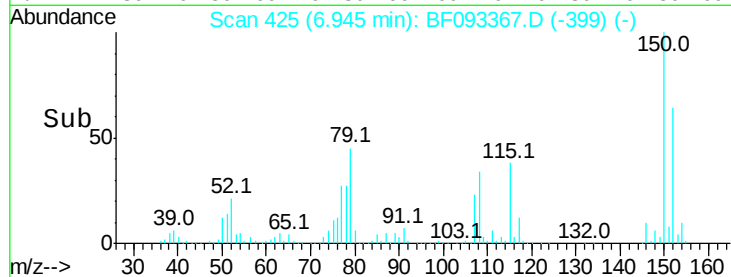
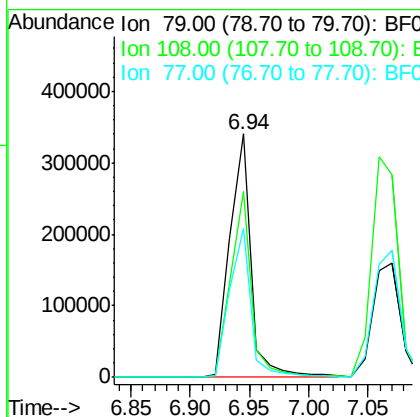
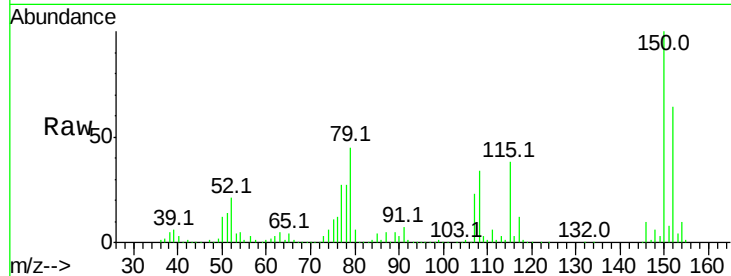
#15
Benzyl Alcohol
Concen: 41.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	423955		
108	76.5	61.4	92.0	
77	61.3	50.9	76.3	

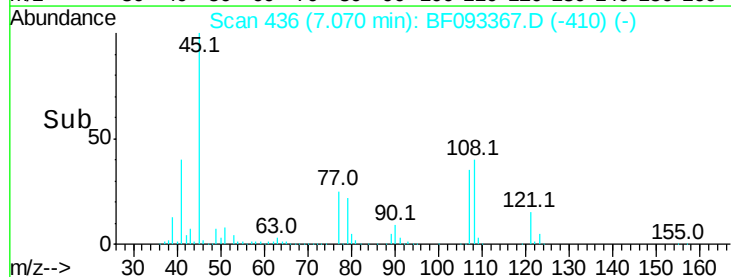
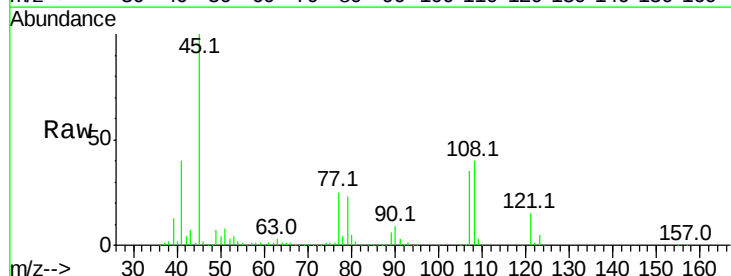
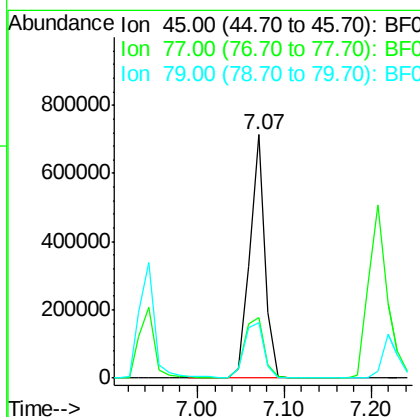
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.49 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	872120		
77	25.0	0.0	34.6	
79	22.5	0.0	31.2	





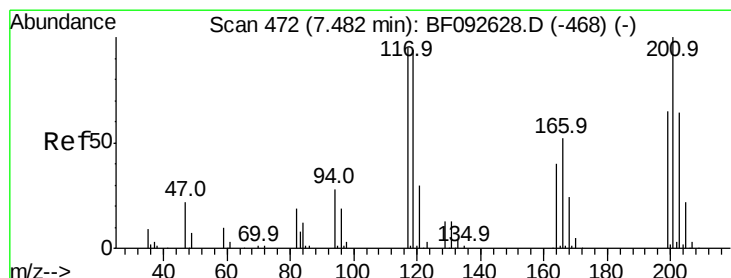
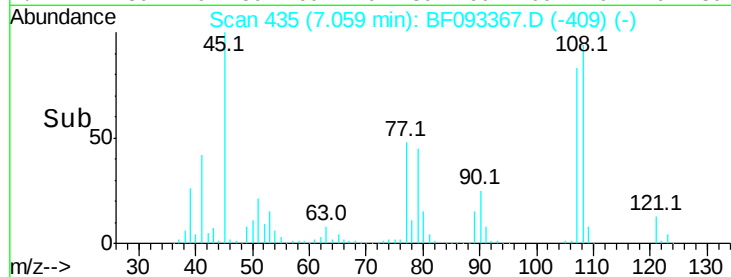
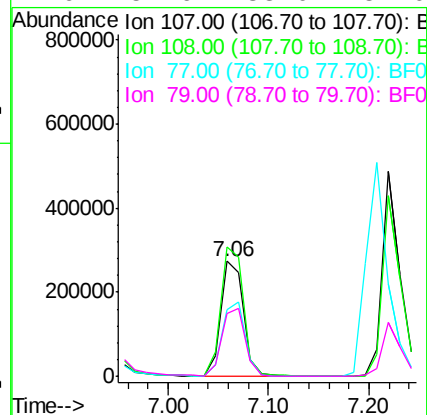
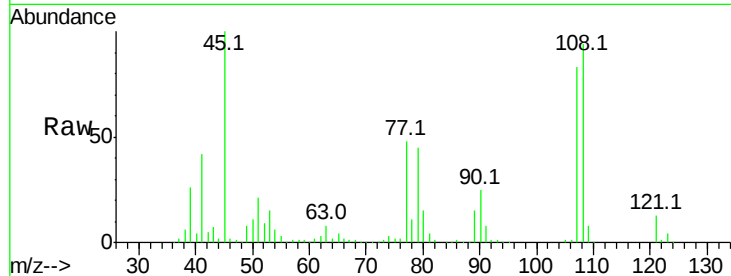
#17
2-Methylphenol
Concen: 41.09 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	422181		
108	112.8	93.0	139.6	
77	57.8	39.8	59.8	
79	54.6	38.0	57.0	

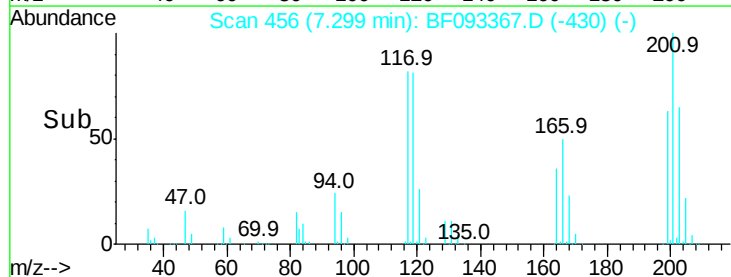
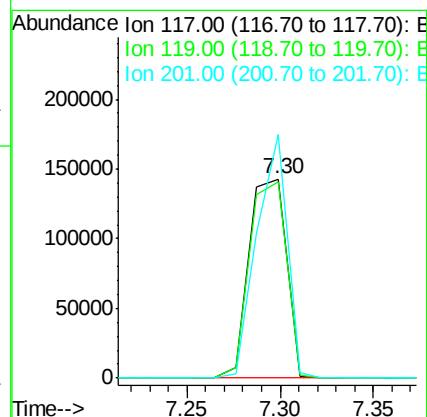
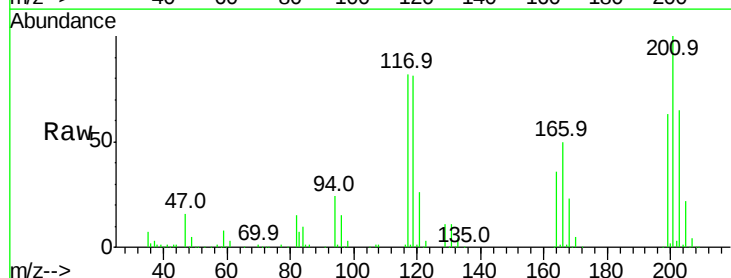
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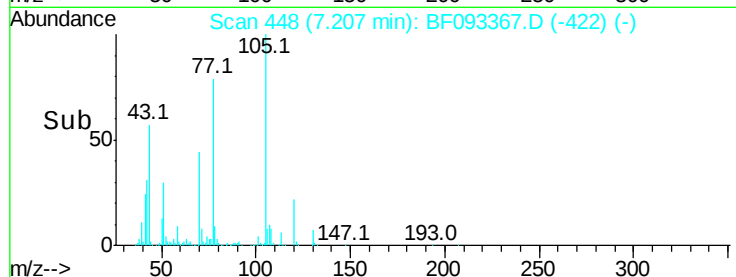
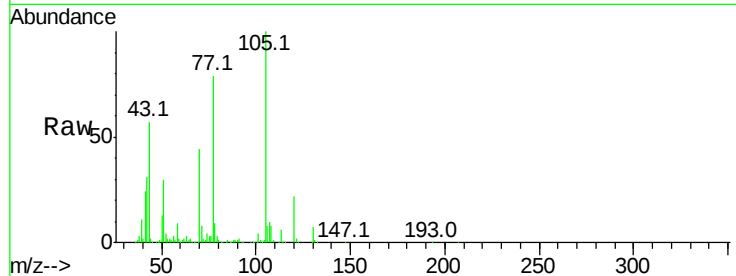
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#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	198105		
119	98.8	78.1	117.1	
201	122.5	78.6	117.8#	





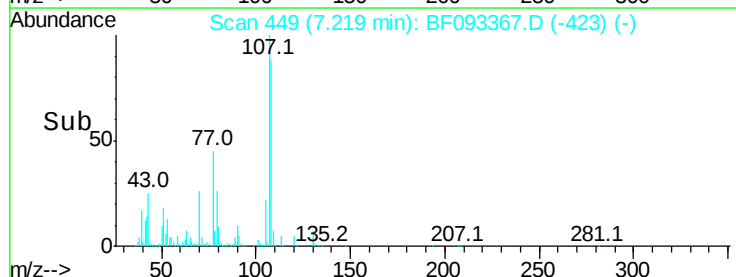
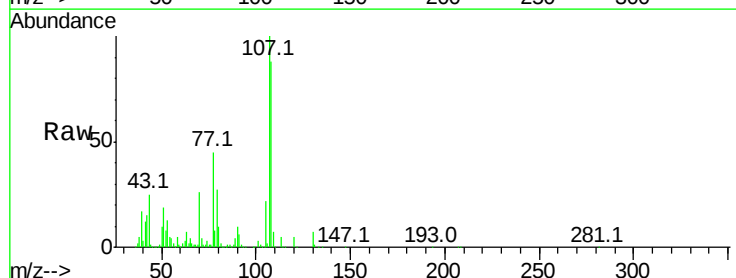
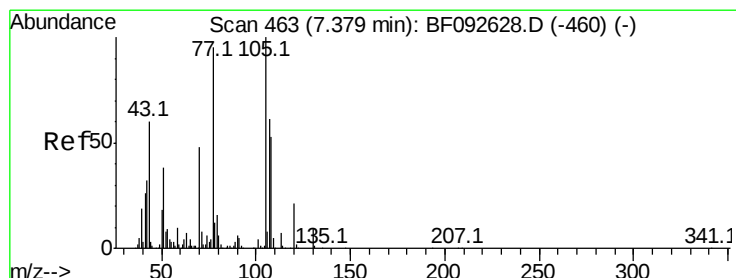
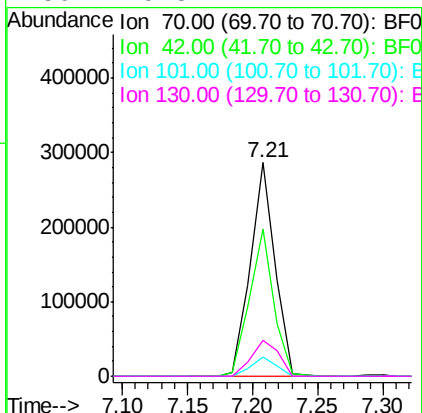
#19
n-Nitroso-di-n-propylamine
Concen: 42.28 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	70	Resp	375903
Ion Ratio	Lower	Upper	
70	100		
42	69.0	49.4	74.0
101	9.0	7.4	11.2
130	16.8	14.2	21.4

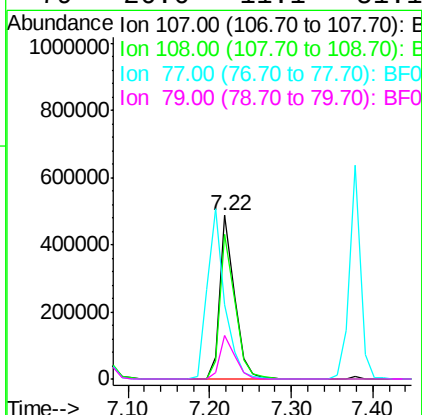
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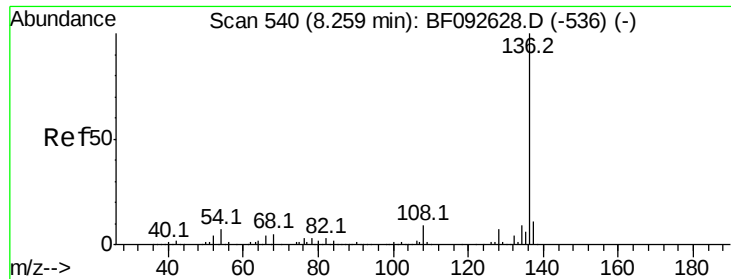
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#20
3+4-Methylphenols
Concen: 49.20 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	107	Resp	604378
Ion Ratio	Lower	Upper	
107	100		
108	88.2	73.0	113.0
77	45.2	71.3	111.3#
79	26.6	11.1	51.1





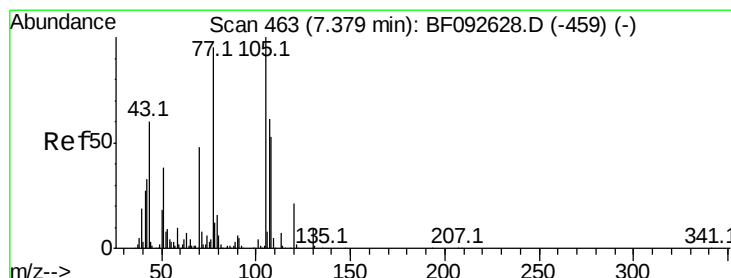
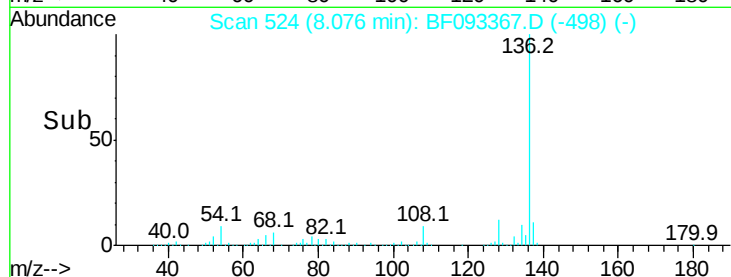
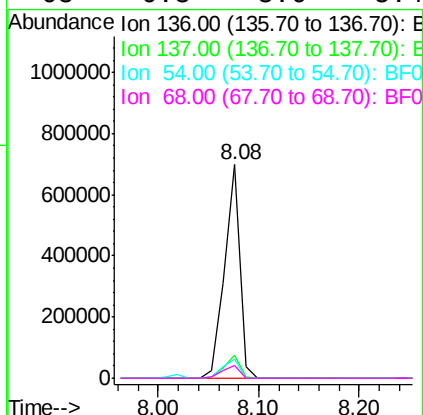
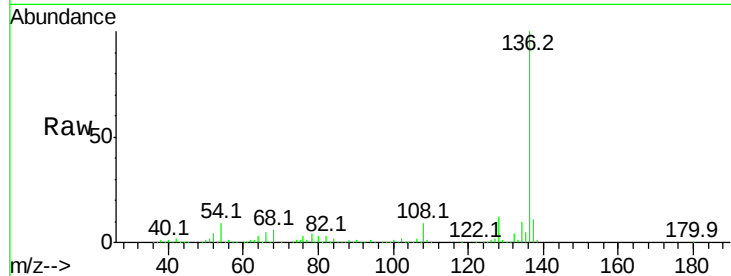
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.4	12.6	
54	8.9	4.5	6.7#	
68	6.3	3.6	5.4#	

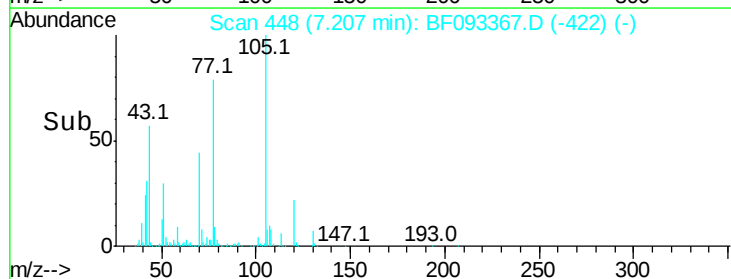
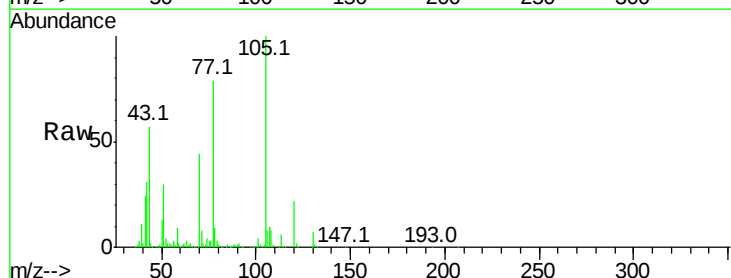
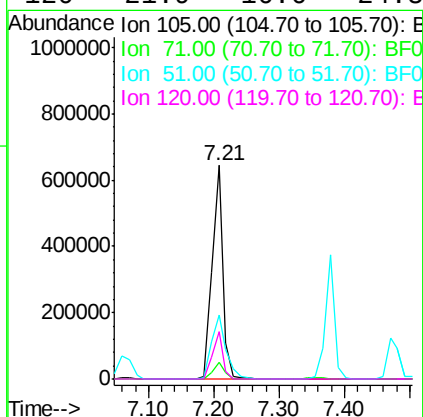
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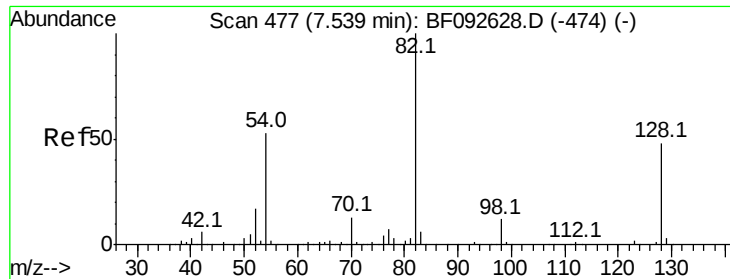
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#22
Acetophenone
Concen: 44.99 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	3.2	4.8#	
51	30.0	26.2	39.4	
120	21.9	16.6	24.8	





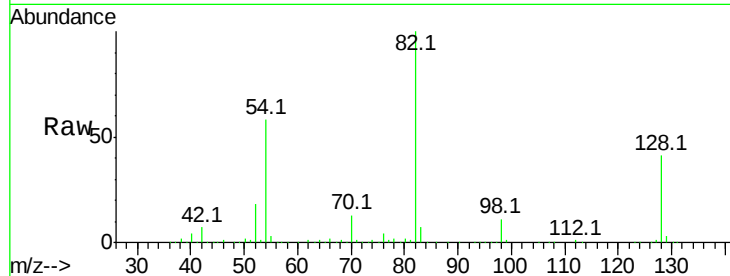
#23
 Nitrobenzene-d5
 Concen: 88.18 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

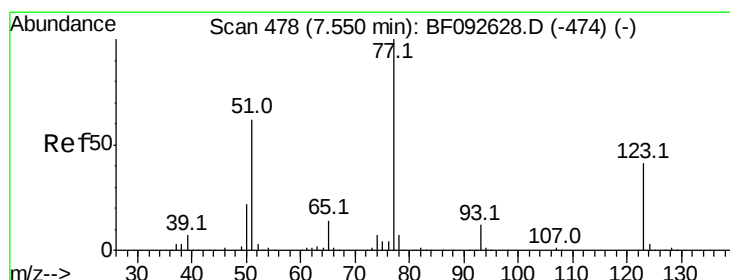
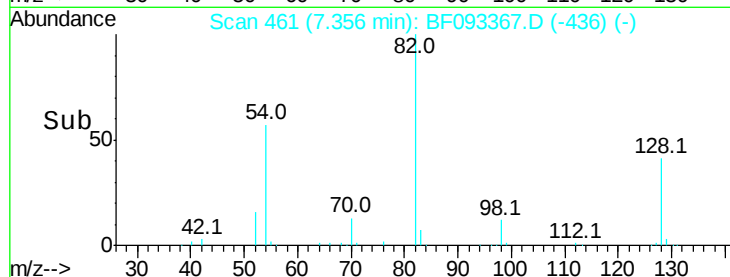
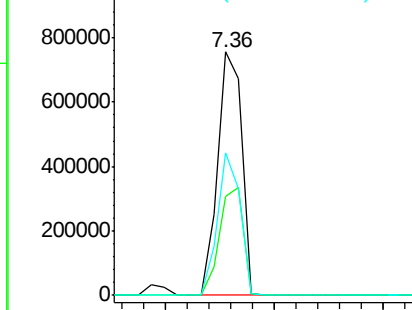
Tot Ion	82	Resp	1164173
Ion Ratio	100	Lower	Upper
128	40.8	34.6	52.0
54	58.4	39.5	59.3

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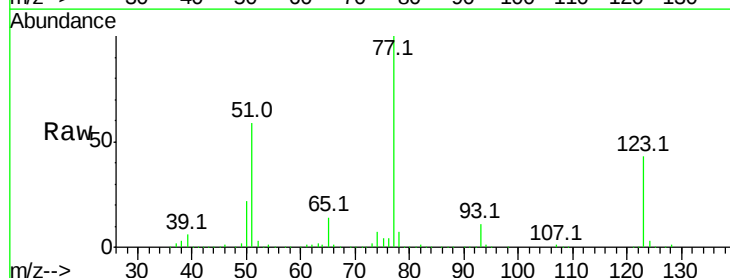


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

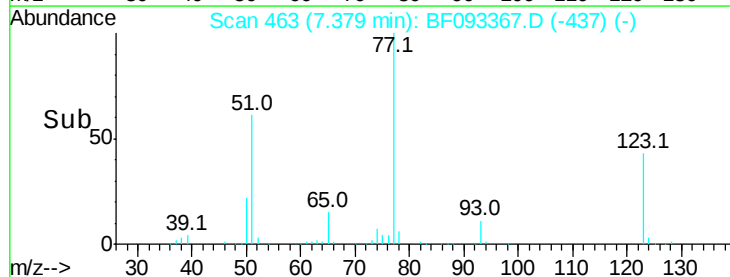
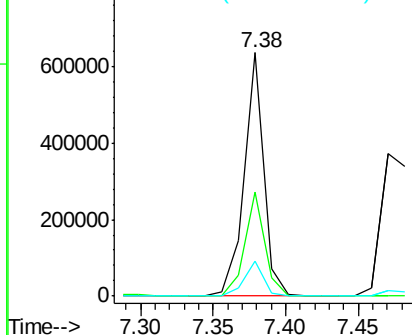


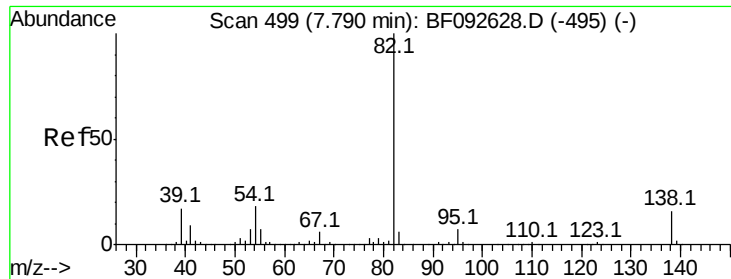
#24
 Nitrobenzene
 Concen: 44.03 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	77	Resp	596843
Ion Ratio	100	Lower	Upper
123	42.9	33.0	49.4
65	14.1	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.28 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion: 82 Resp: 1040022

Ion Ratio Lower Upper

82 100

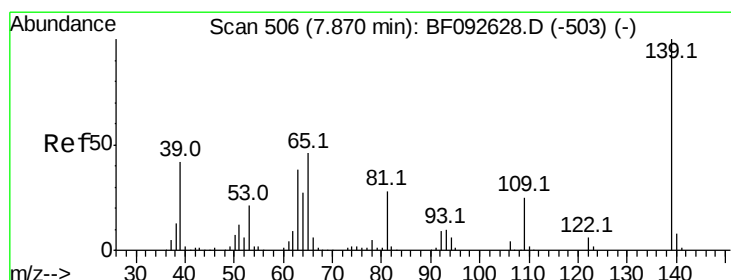
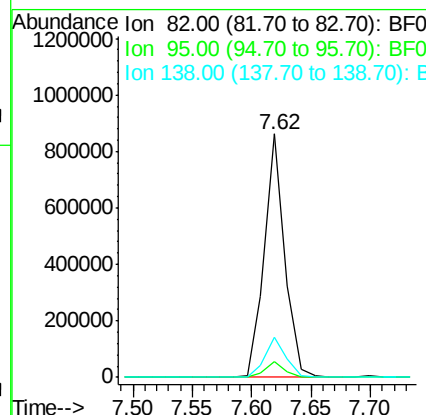
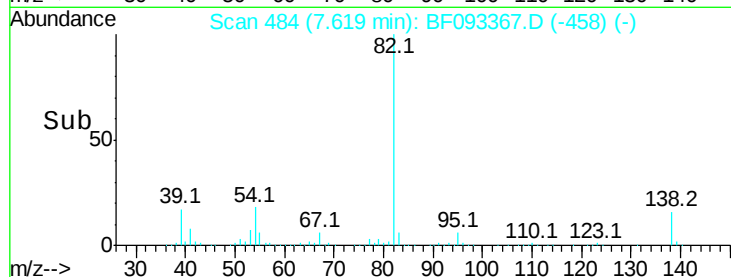
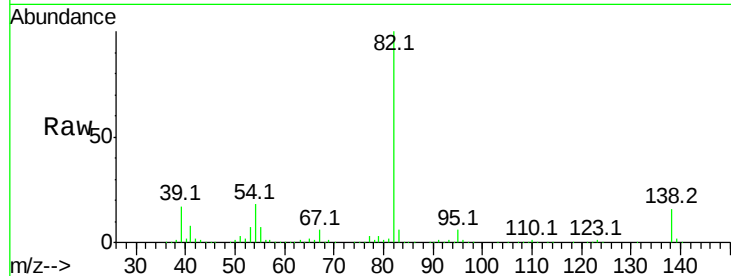
95 6.4 5.6 8.4

138 16.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 46.58 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

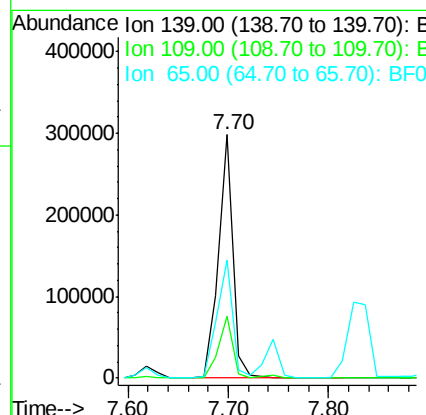
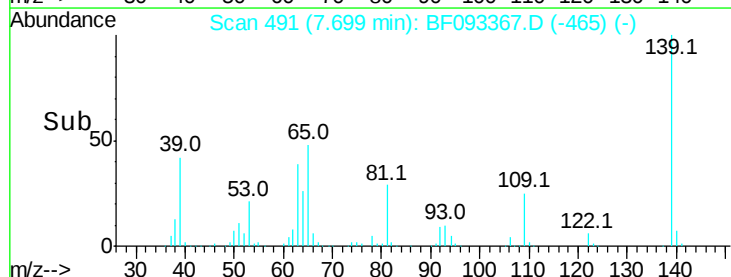
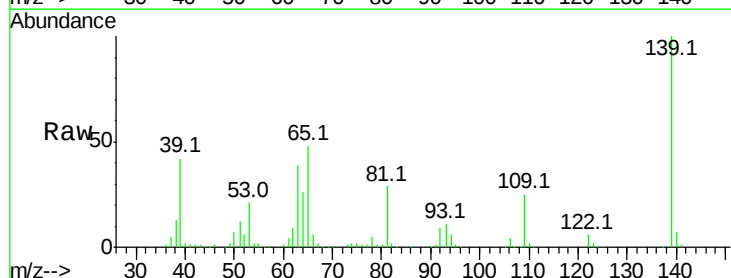
Tgt Ion: 139 Resp: 300156

Ion Ratio Lower Upper

139 100

109 25.3 23.3 34.9

65 48.4 42.7 64.1





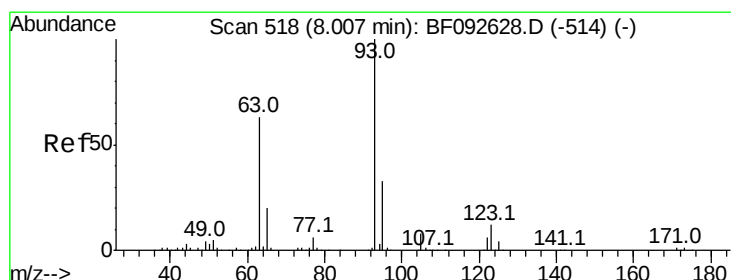
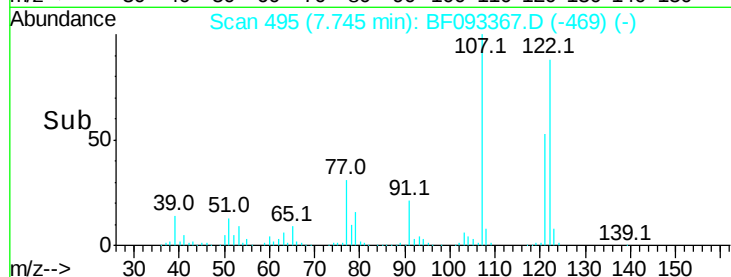
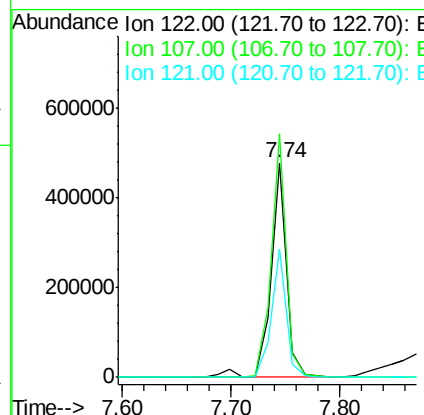
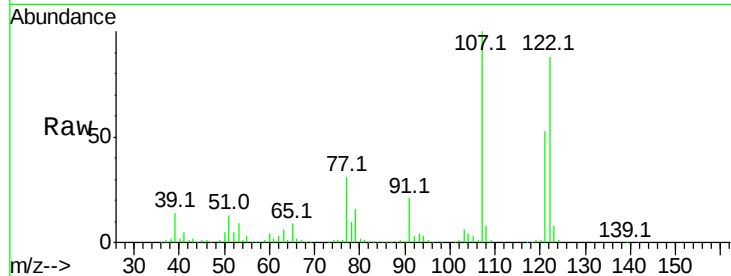
#27
2,4-Dimethylphenol
Concen: 42.84 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	484796		
107	113.5	94.1	141.1	
121	60.0	46.0	69.0	

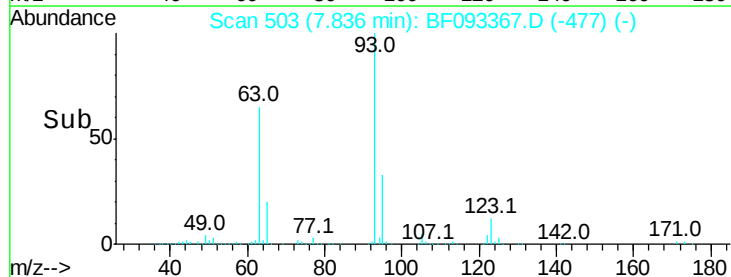
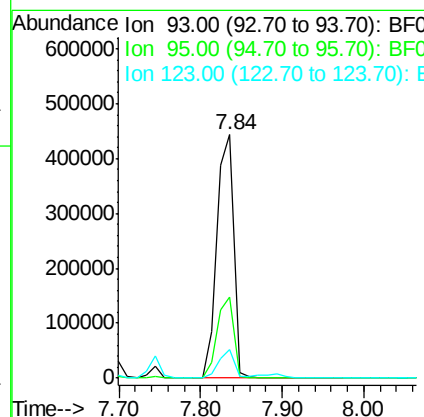
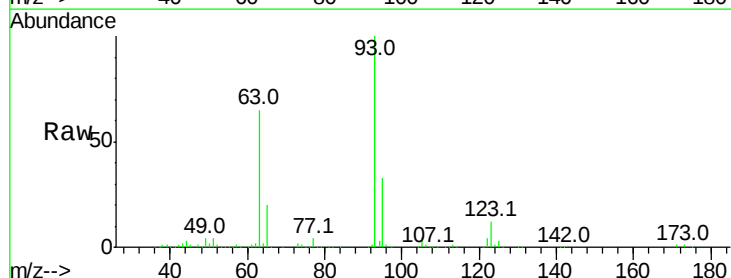
Manual Integrations
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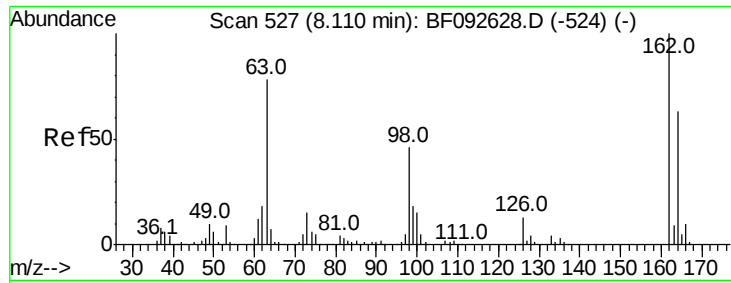
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.36 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	641259		
95	33.3	26.5	39.7	
123	11.6	8.6	13.0	





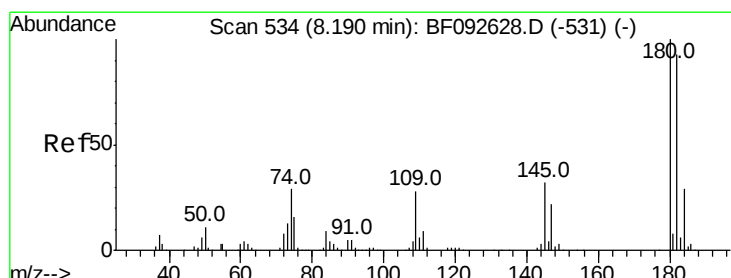
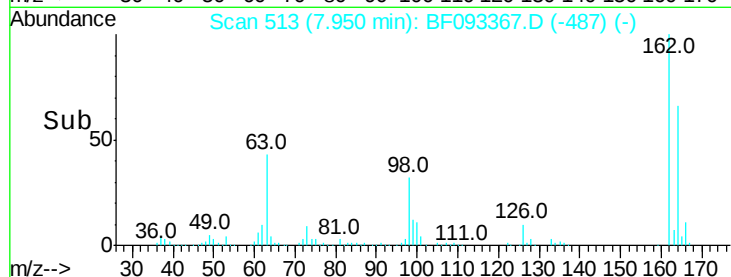
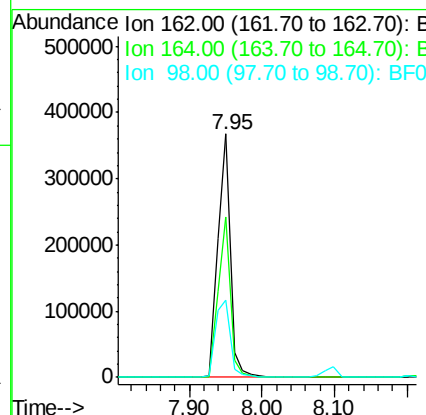
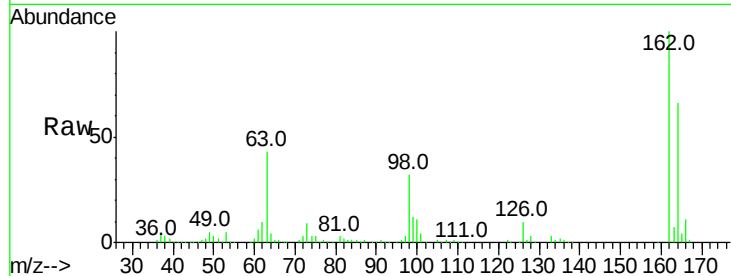
#29
 2,4-Dichlorophenol
 Concen: 41.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	438100		
164	65.7	46.8	86.8	
98	32.0	9.1	49.1	

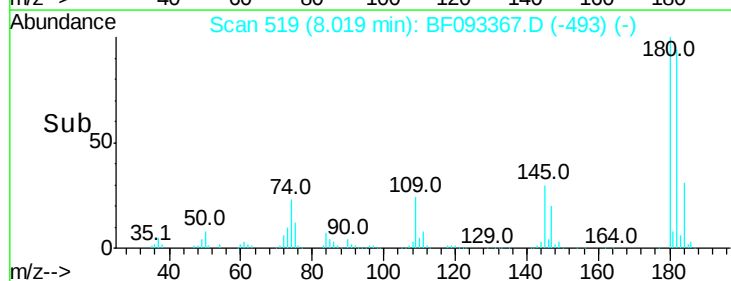
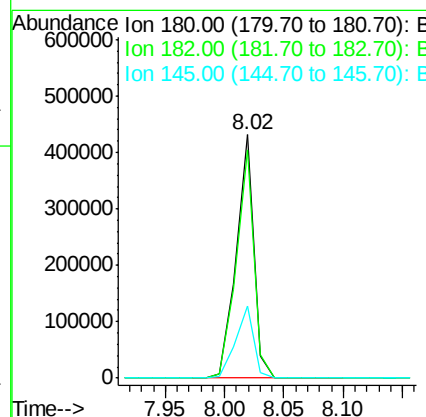
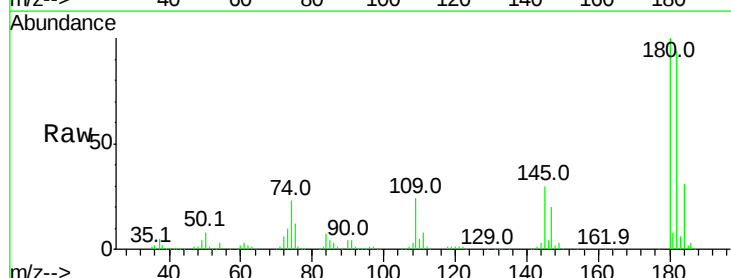
Manual Integrations
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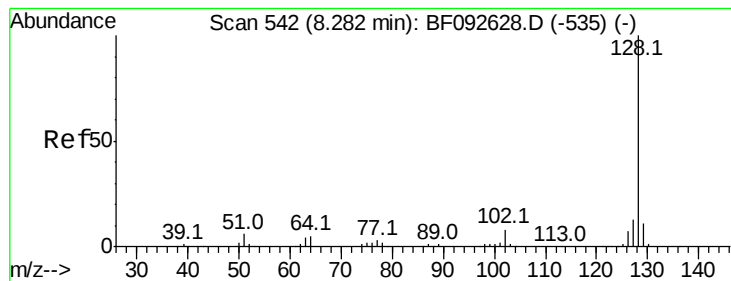
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.12 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	445006		
182	93.8	78.2	117.4	
145	29.8	21.6	32.4	





#31

Naphthalene

Concen: 38.95 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion:128 Resp: 1451676

Ion Ratio Lower Upper

128 100

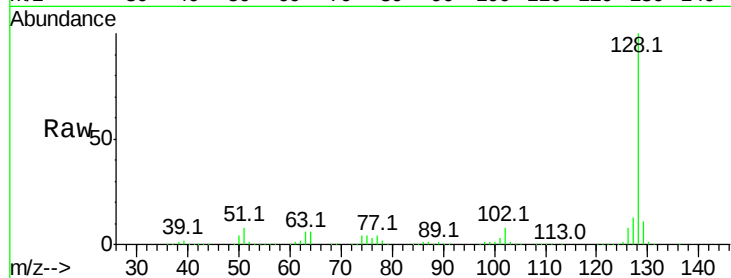
129 11.0 9.5 14.3

127 13.4 10.8 16.2

Manual Integrations
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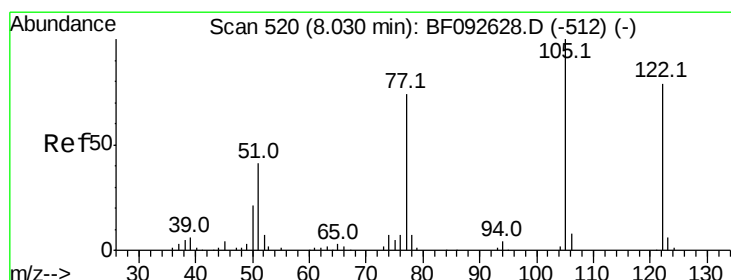
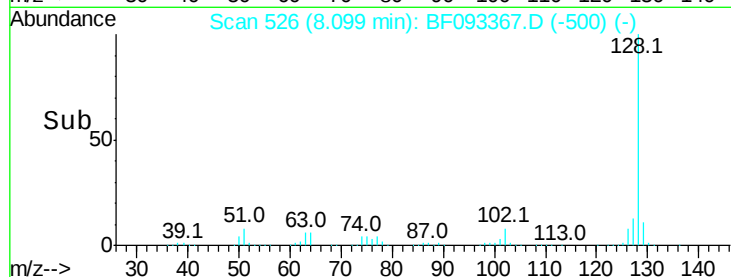
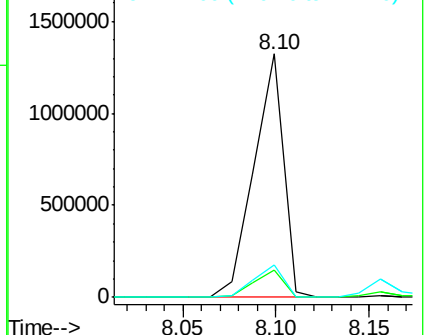
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.12 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

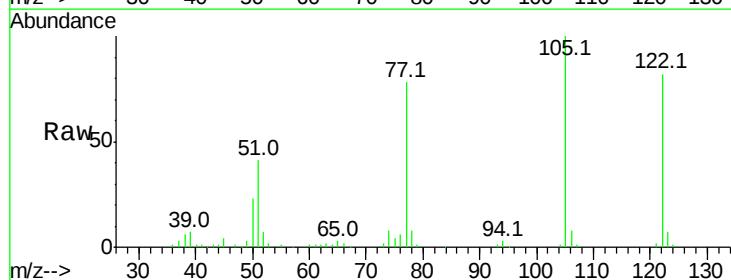
Tgt Ion:122 Resp: 248394

Ion Ratio Lower Upper

122 100

105 122.3 107.2 147.2

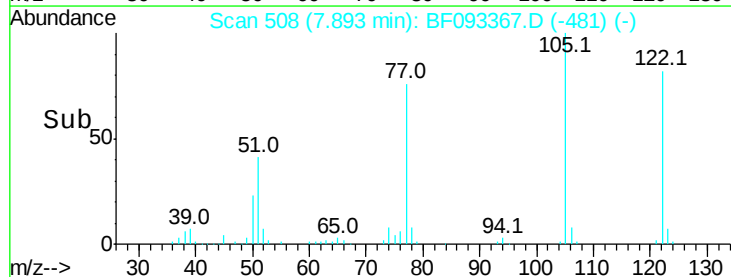
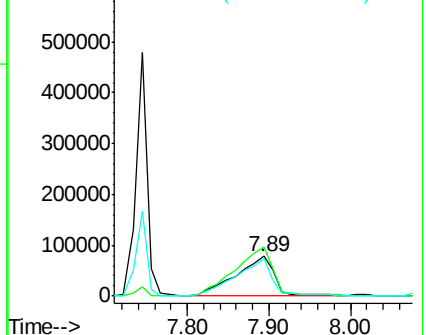
77 95.0 74.5 114.5

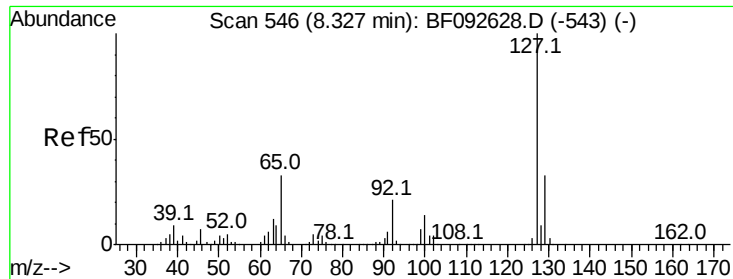


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





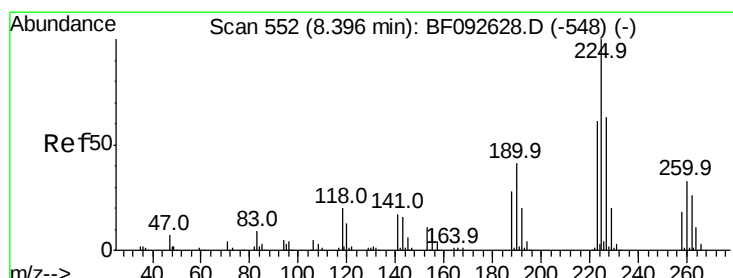
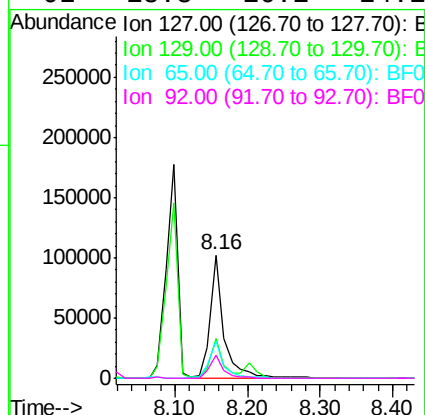
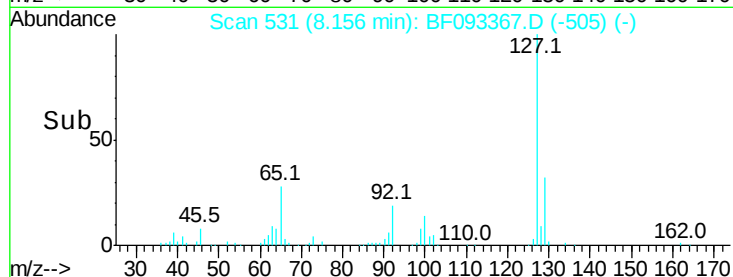
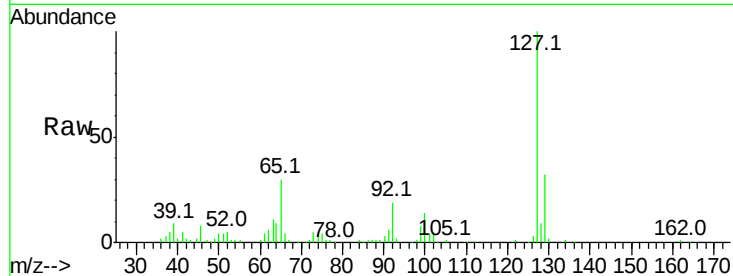
#33
4-Chloroaniline
Concen: 9.34 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	30.3	25.8	38.8	
92	18.8	16.1	24.1	

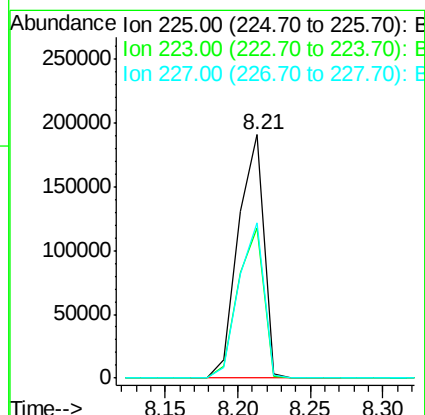
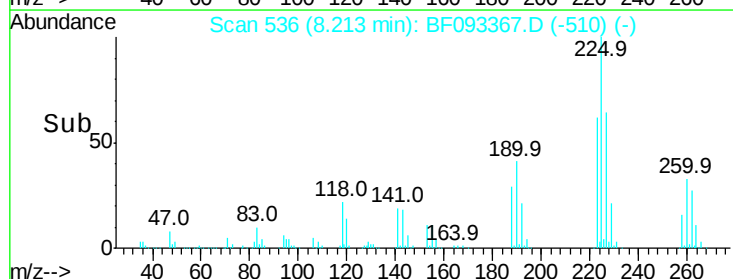
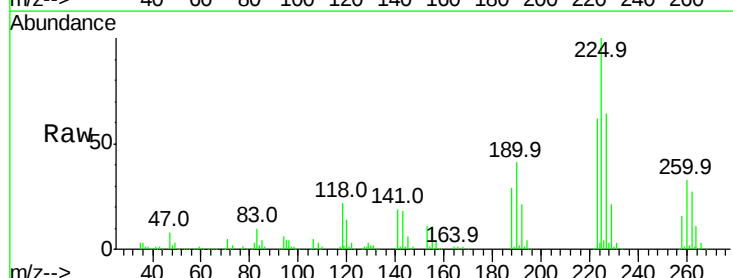
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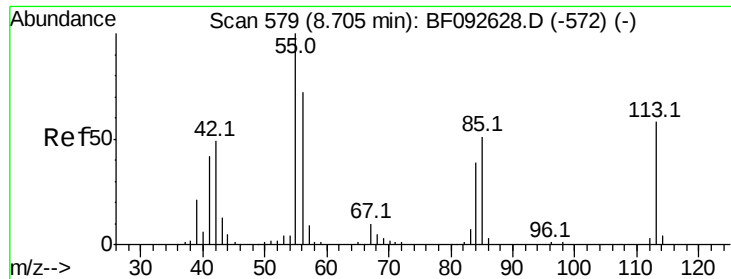
mohammad
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#34
Hexachlorobutadiene
Concen: 37.30 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	51.0	76.6	
227	63.6	50.6	76.0	





#35

Caprolactam

Concen: 45.04 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion:113 Resp: 149521

Ion Ratio Lower Upper

113 100

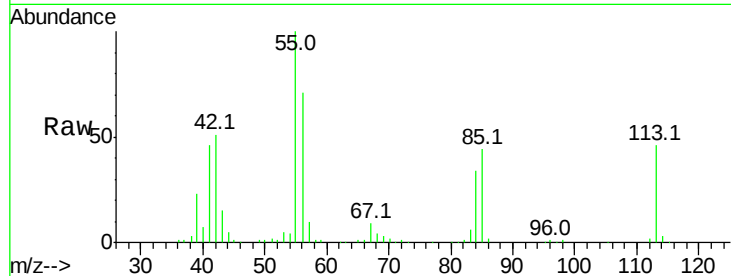
55 218.2 119.2 159.2#

56 155.3 83.8 123.8#

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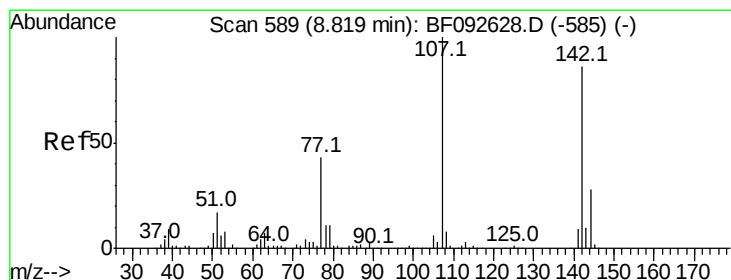
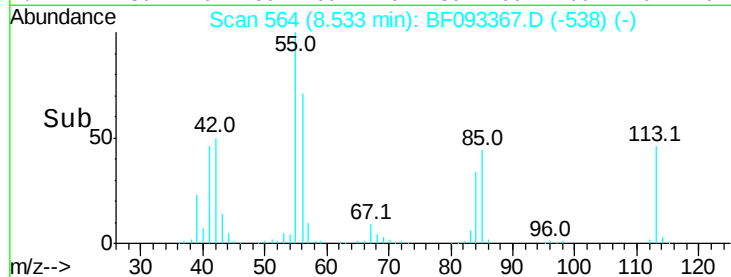
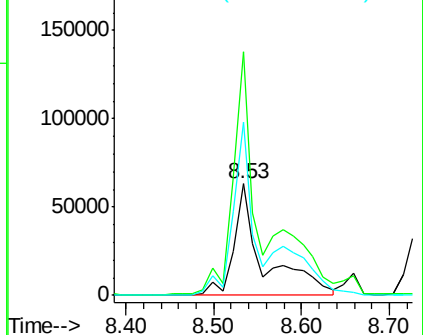
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.90 ng/ml

RT: 8.66 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

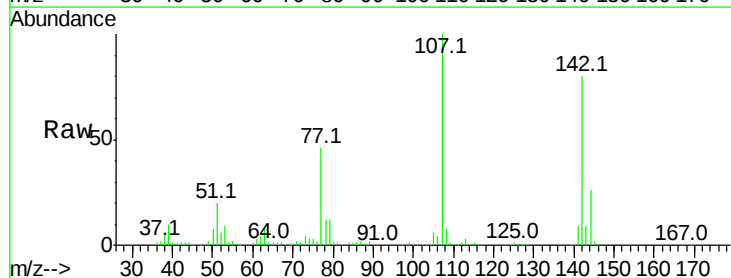
Tgt Ion:107 Resp: 494050

Ion Ratio Lower Upper

107 100

144 25.7 19.3 28.9

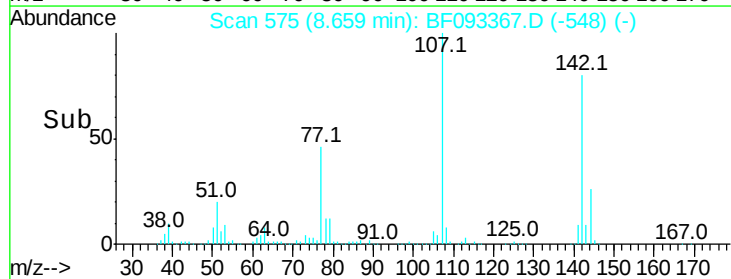
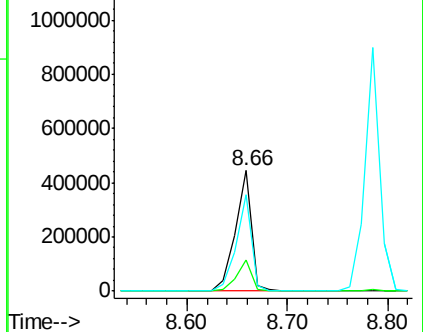
142 80.0 59.0 88.6

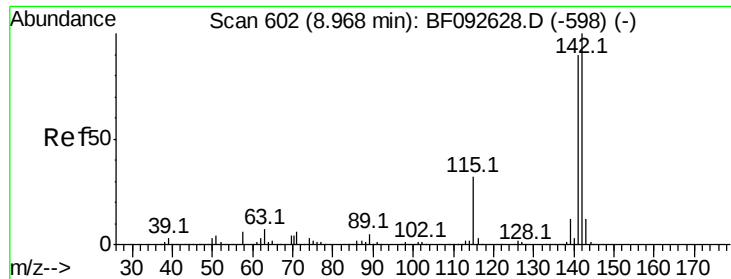


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





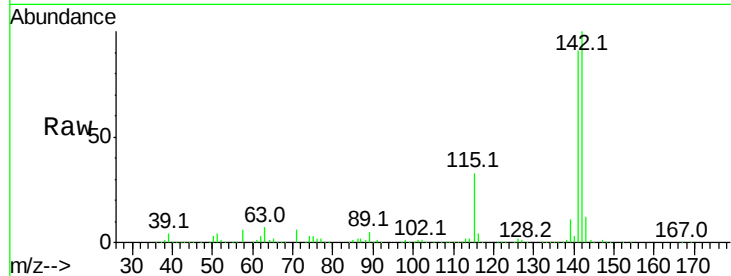
#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

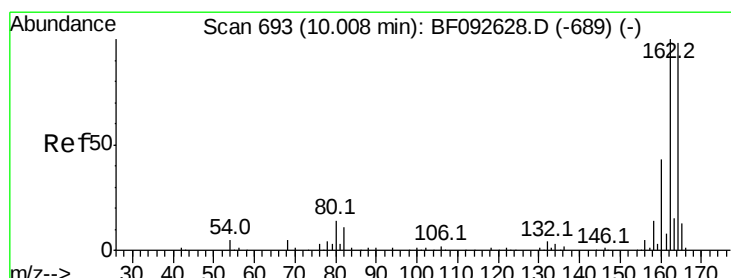
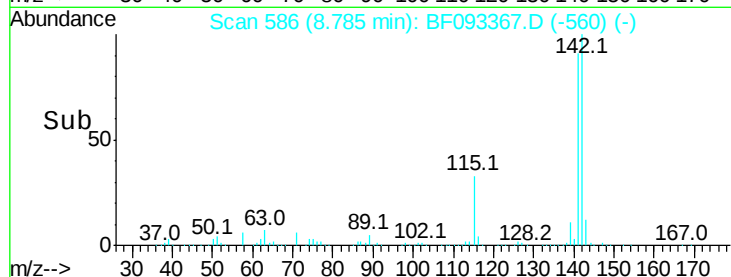
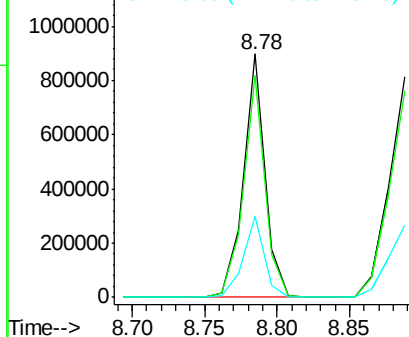
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	33.1	28.3	42.5

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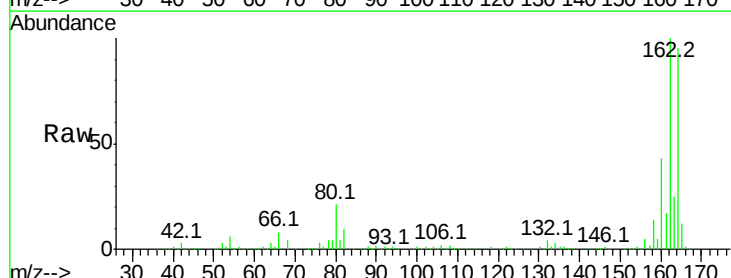


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

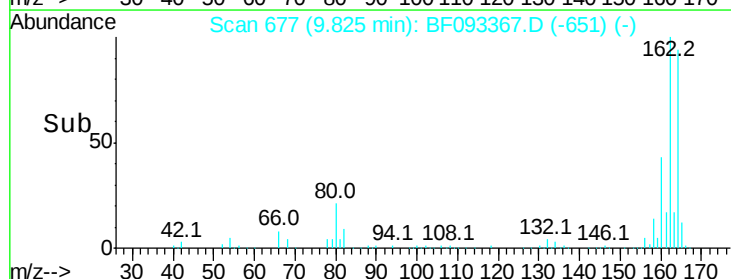
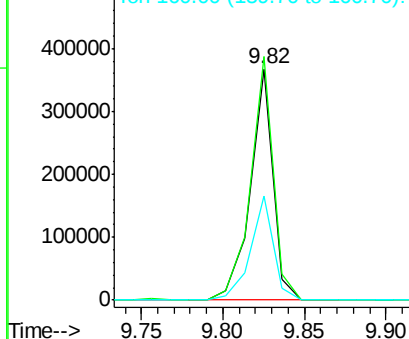


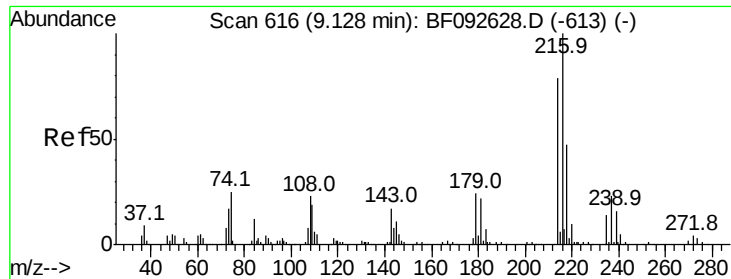
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.2	120.2
160	45.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





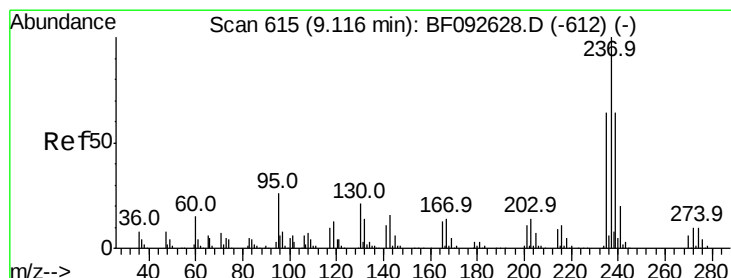
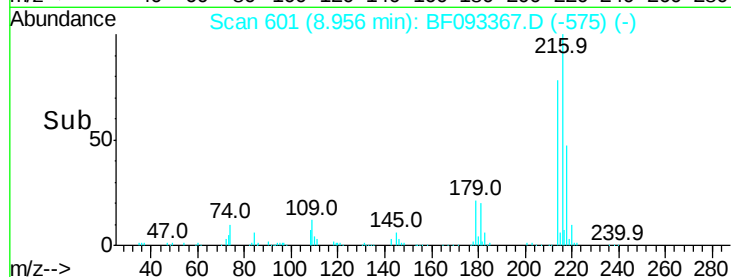
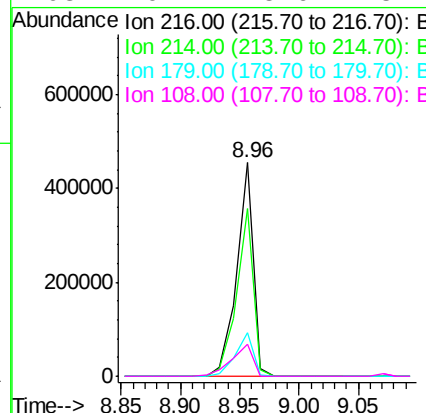
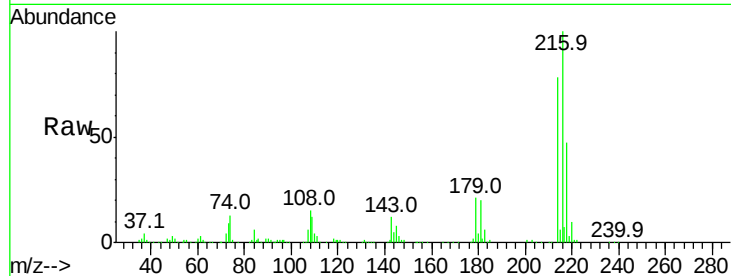
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.70 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion:	216	Resp:	441884
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.4	95.0
179	21.6	17.4	26.2
108	19.4	15.6	23.4

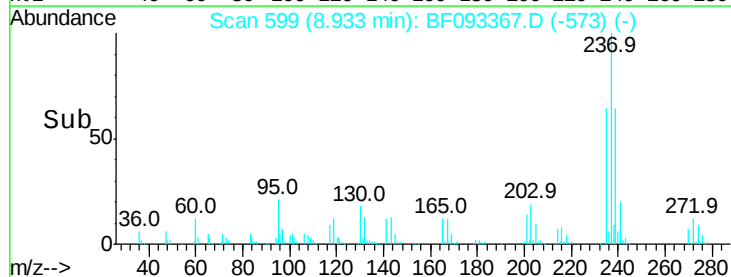
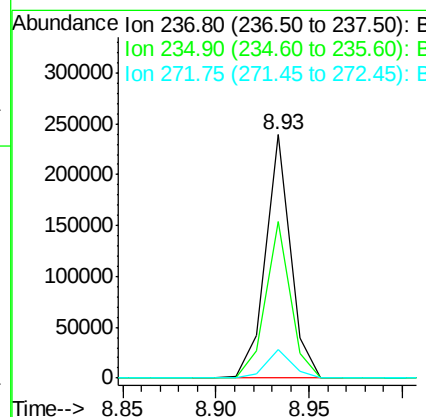
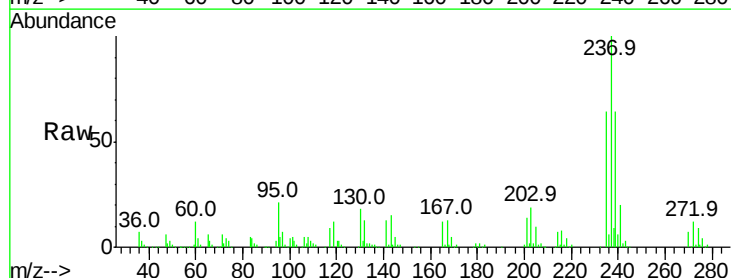
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 49.64 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:	237	Resp:	221428
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.2	81.2
272	11.8	0.0	35.4





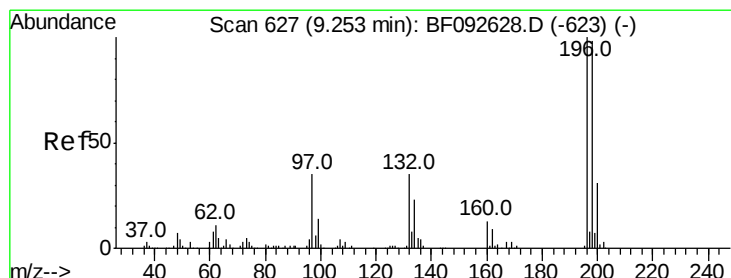
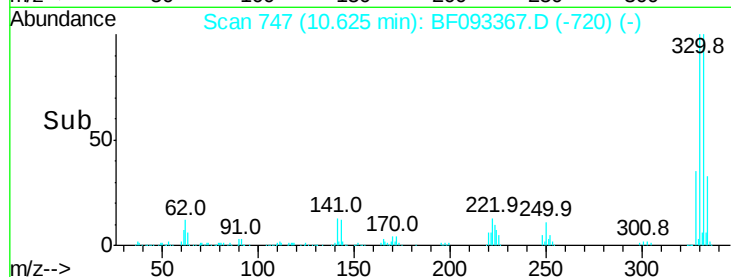
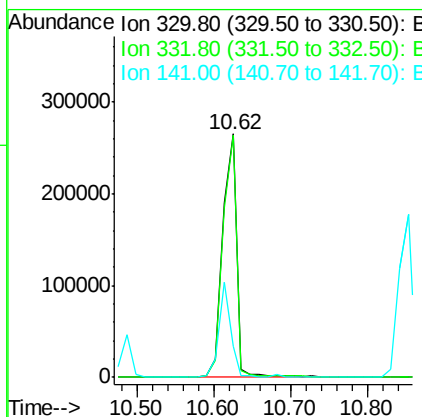
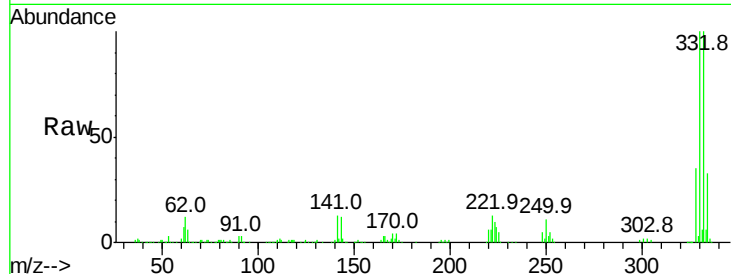
#41
 2,4,6-Tribromophenol
 Concen: 135.27 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.2	77.4	116.2	
141	32.6	34.1	51.1#	

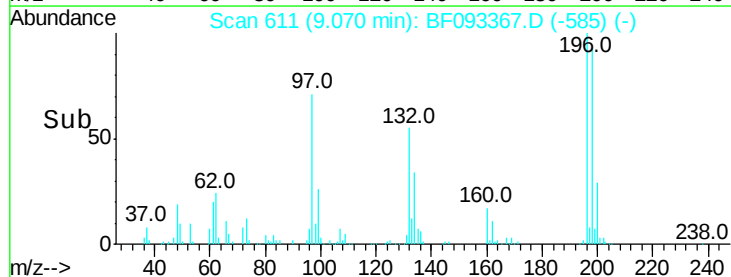
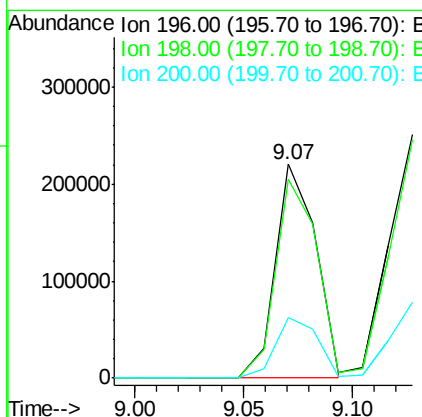
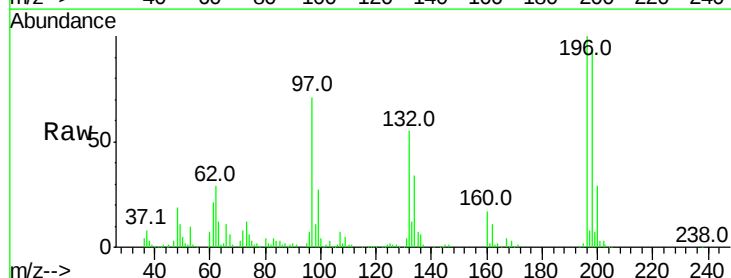
Manual Integrations
 APPROVED

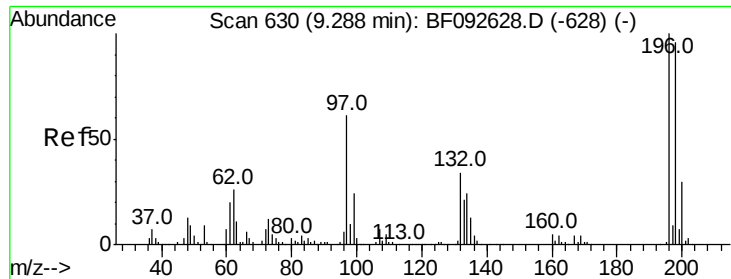
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 44.09 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.0	82.1	123.1	
200	28.5	27.0	40.4	





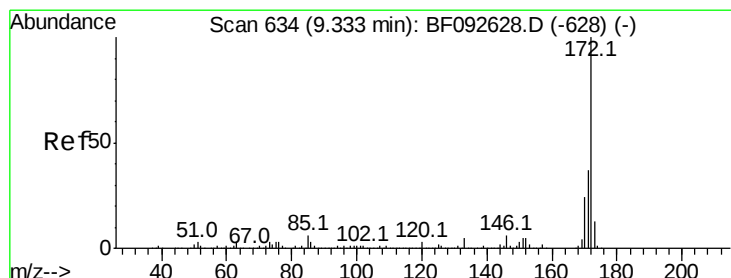
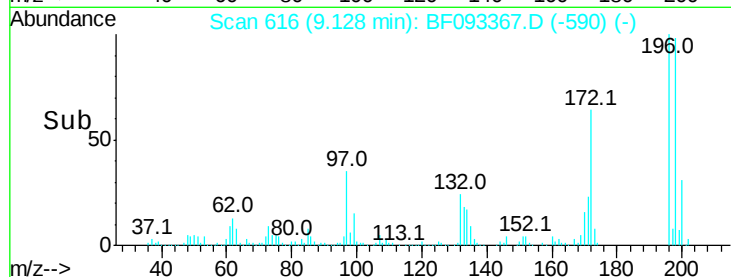
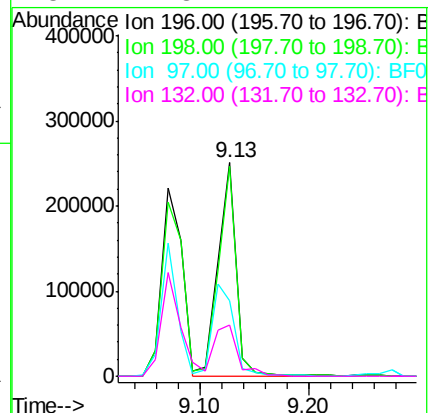
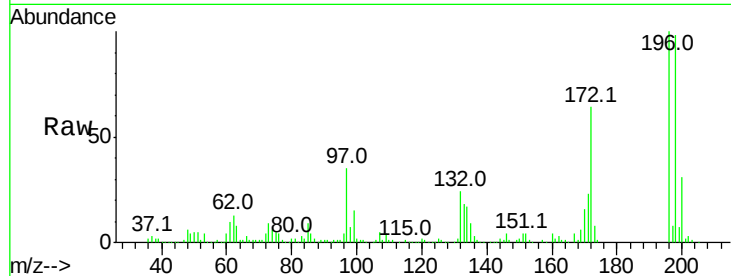
#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293822		
198	98.3	79.4	119.2	
97	35.4	51.5	77.3#	
132	24.3	27.4	41.2#	

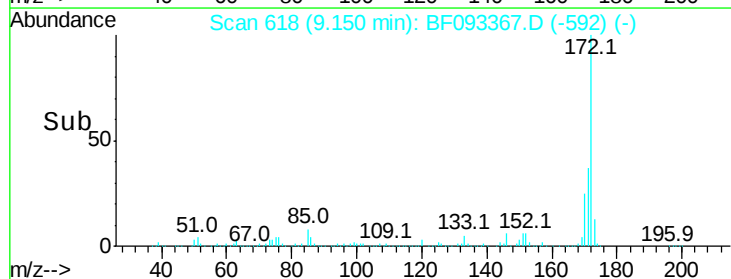
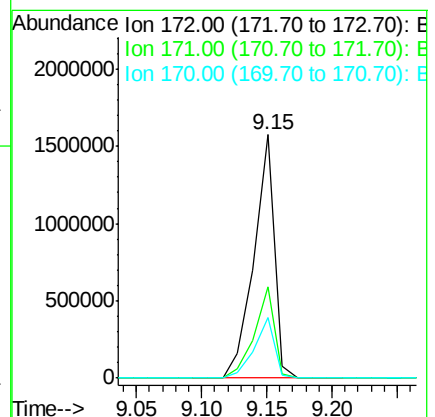
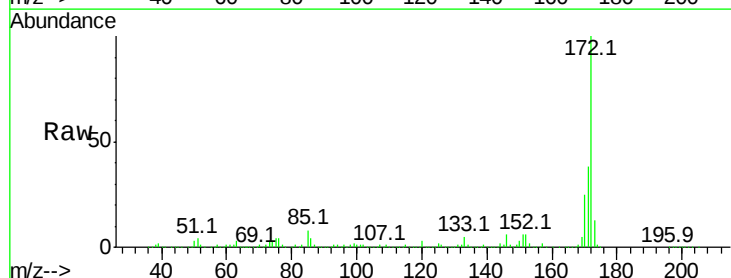
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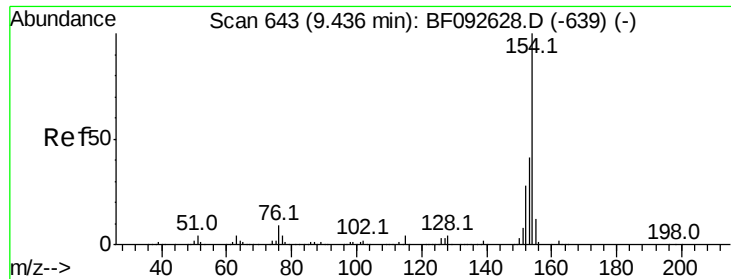
mohammad
 3/6/2017 4:23:23 PM



#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1731018		
171	37.5	29.4	44.0	
170	24.8	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 46.54 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion:154 Resp: 1186994

Ion Ratio Lower Upper

154 100

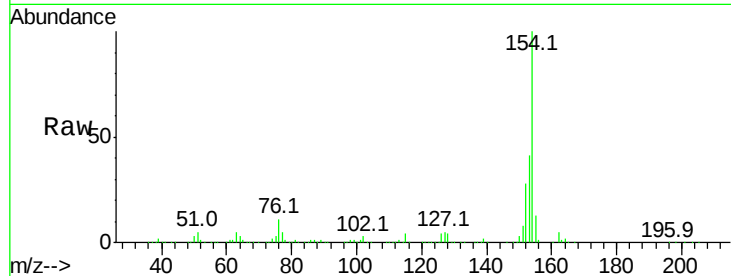
153 41.4 20.9 60.9

76 10.9 0.0 30.5

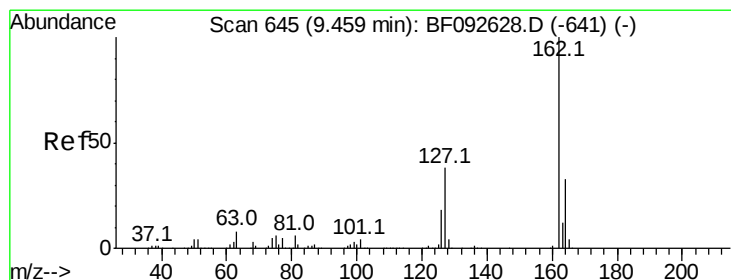
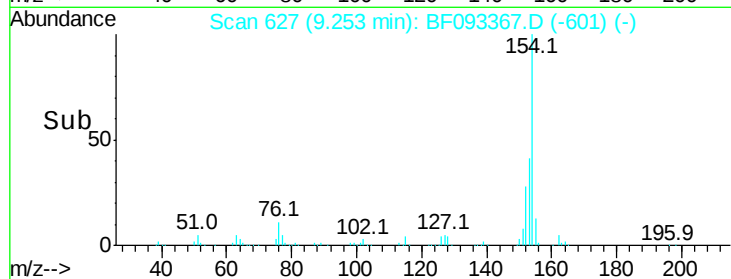
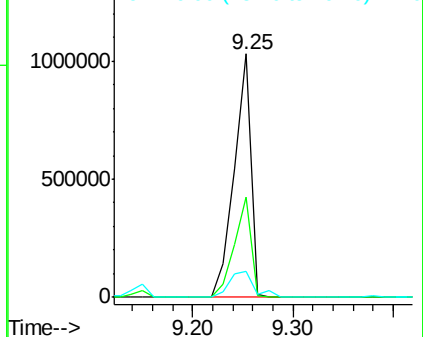
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.88 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

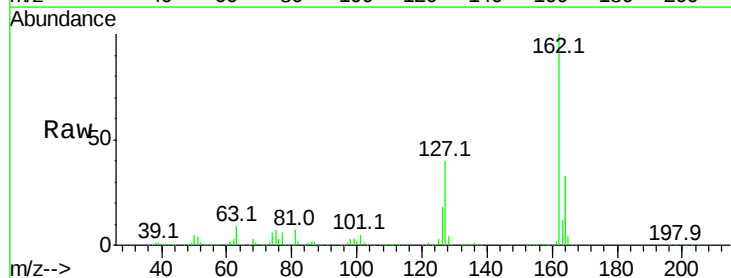
Tgt Ion:162 Resp: 915237

Ion Ratio Lower Upper

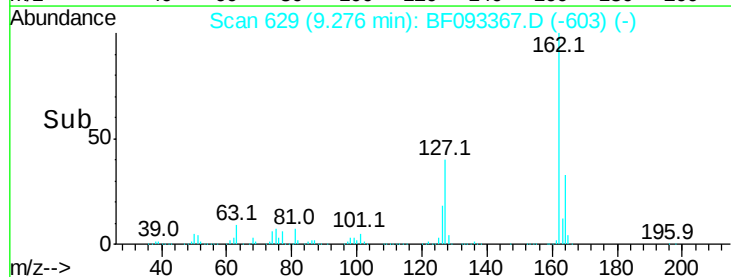
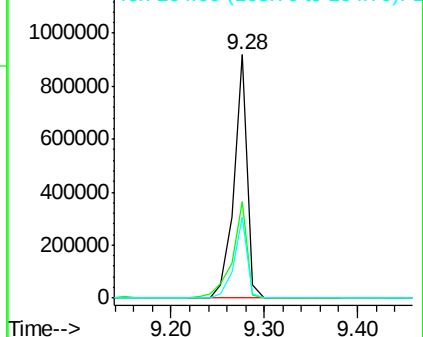
162 100

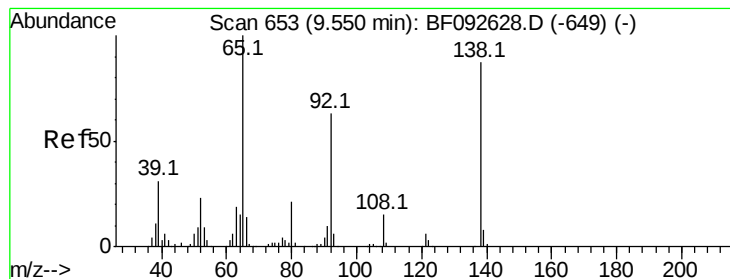
127 39.6 30.7 46.1

164 33.3 27.6 41.4



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





#47

2-Nitroaniline

Concen: 43.66 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

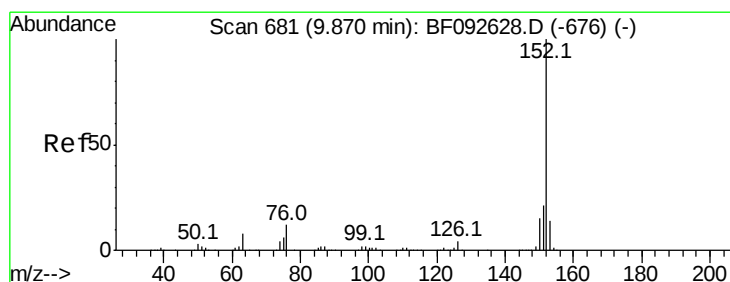
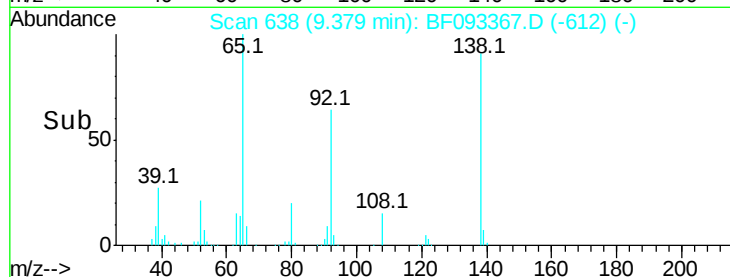
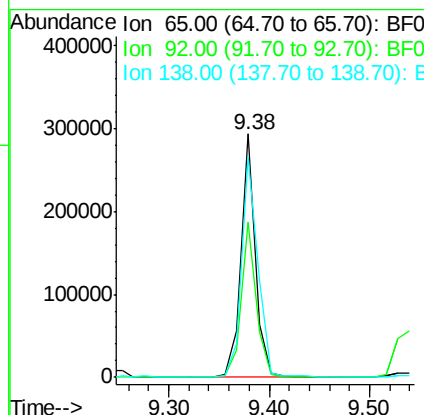
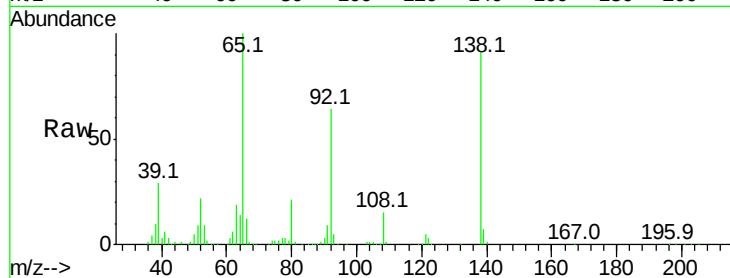
ClientSampleId :

PB97309BS

Tot Ion:	65	Resp:	292860
Ion Ratio	Lower	Upper	
65	100		
92	63.8	53.9	80.9
138	90.5	76.8	115.2

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#48

Acenaphthylene

Concen: 38.88 ng

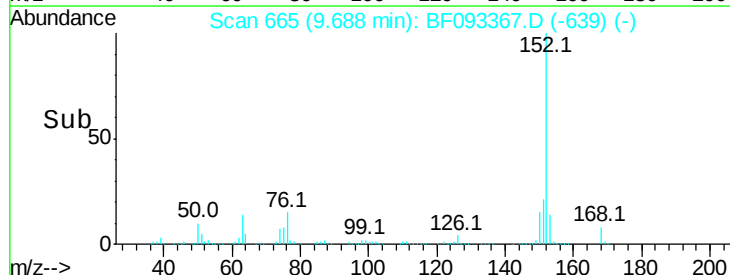
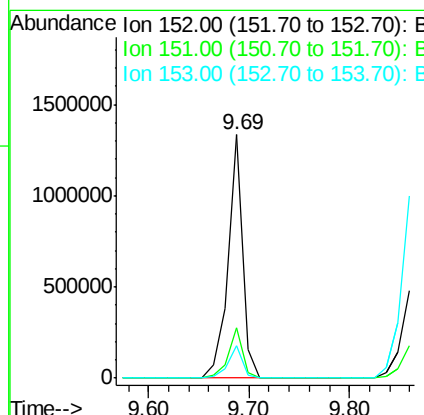
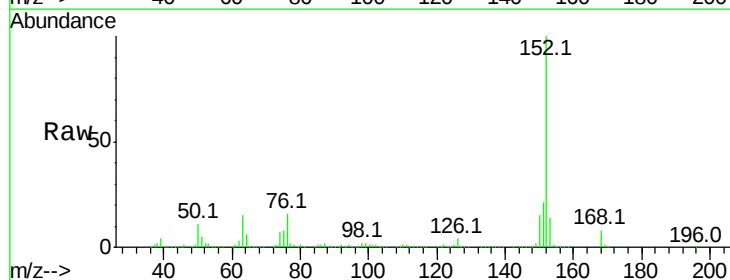
RT: 9.69 min Scan# 665

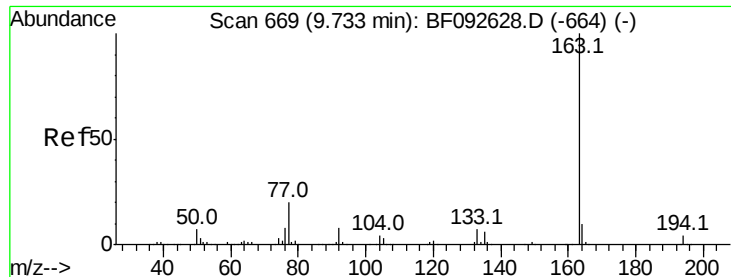
Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:	152	Resp:	1339810
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.5	11.4	17.2





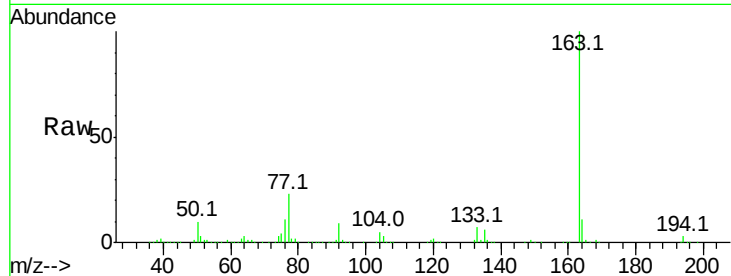
#49
Dimethylphthalate
Concen: 46.74 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

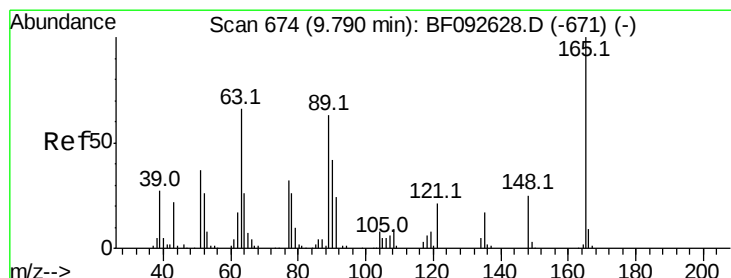
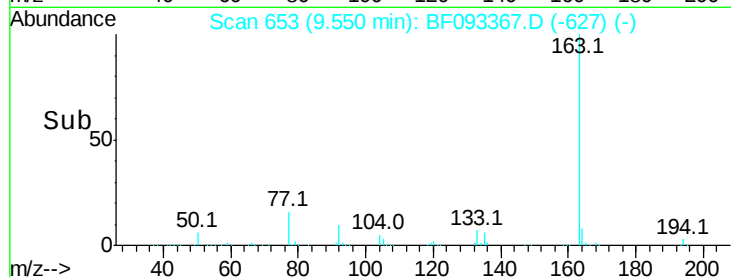
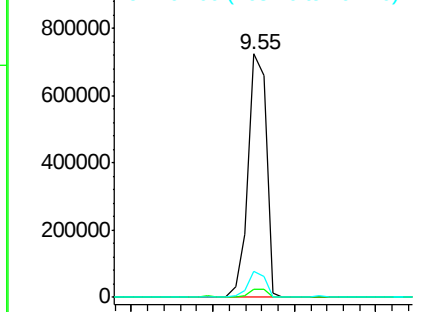
Tot Ion:163 Resp: 1108706
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

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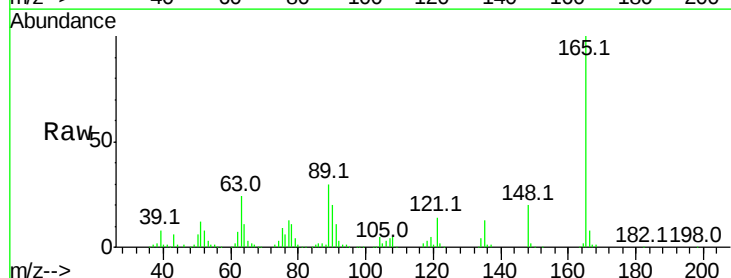


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

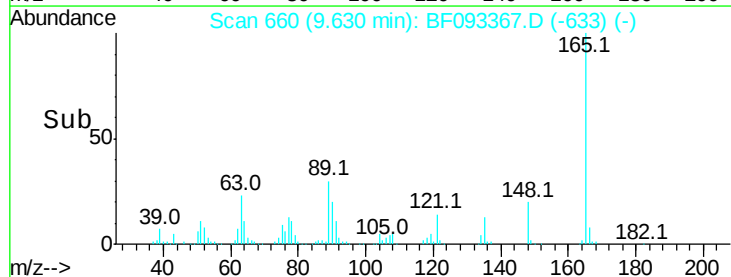
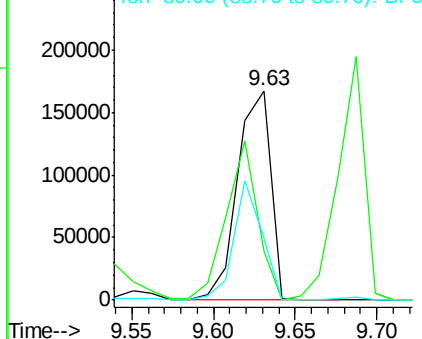


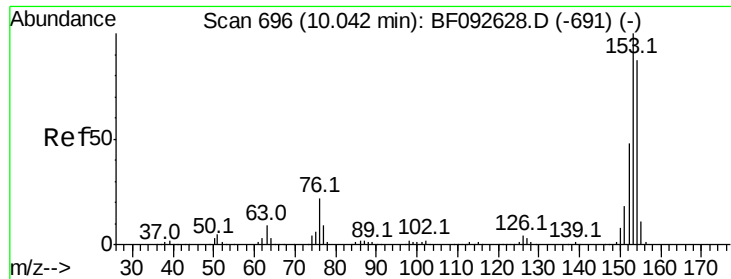
#50
2,6-Dinitrotoluene
Concen: 45.88 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:165 Resp: 235039
Ion Ratio Lower Upper
165 100
63 23.7 36.2 54.4#
89 29.7 40.2 60.4#



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





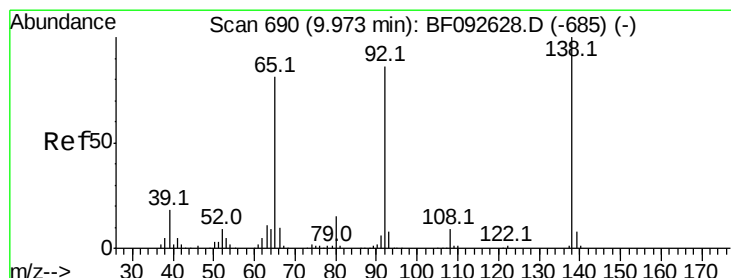
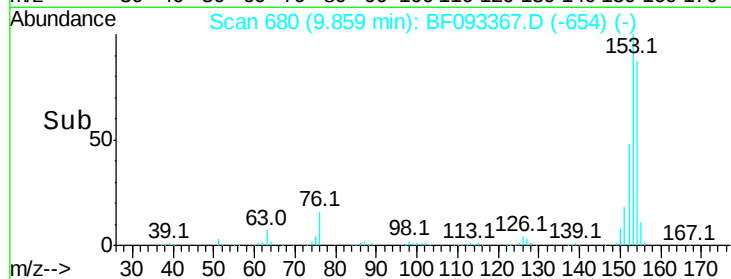
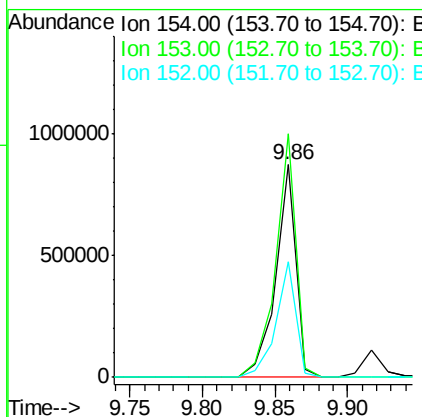
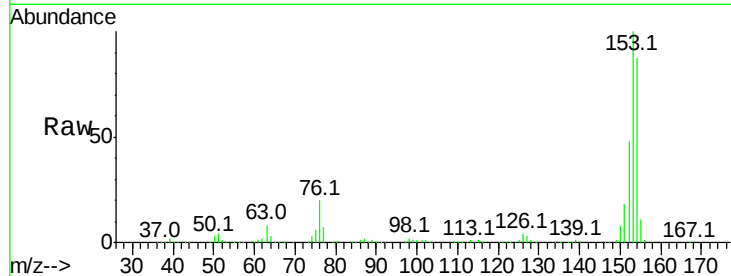
#51
Acenaphthene
Concen: 40.83 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.5	41.6	62.4

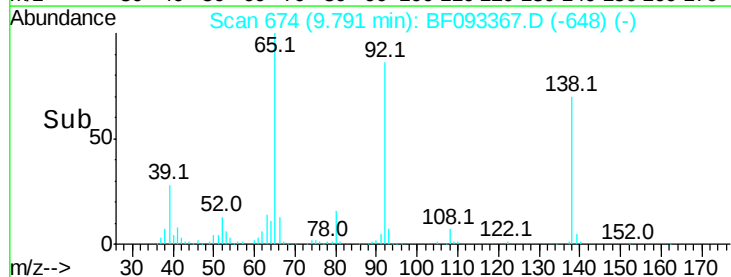
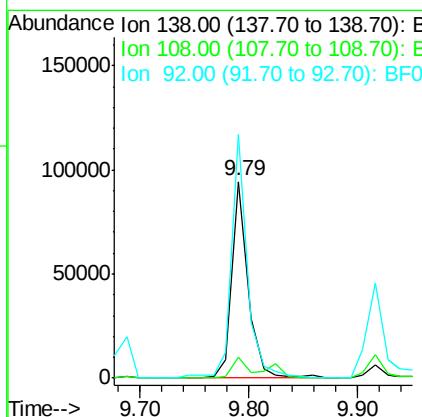
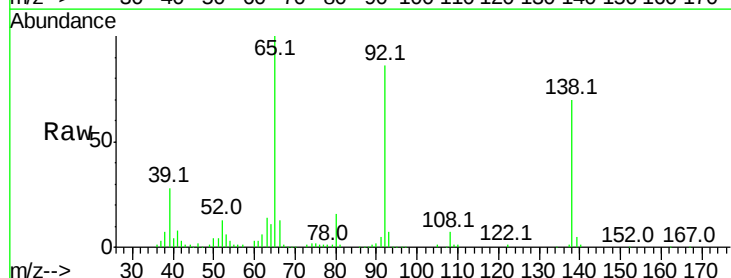
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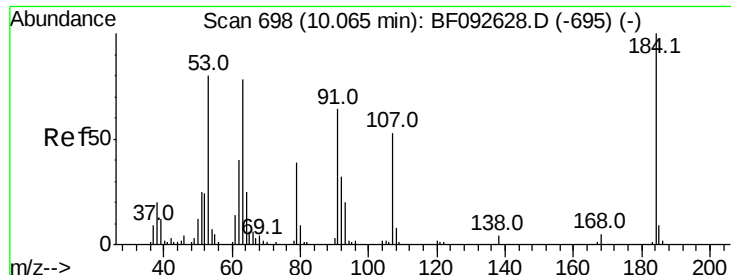
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#52
3-Nitroaniline
Concen: 16.52 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	123.7	97.8	146.8





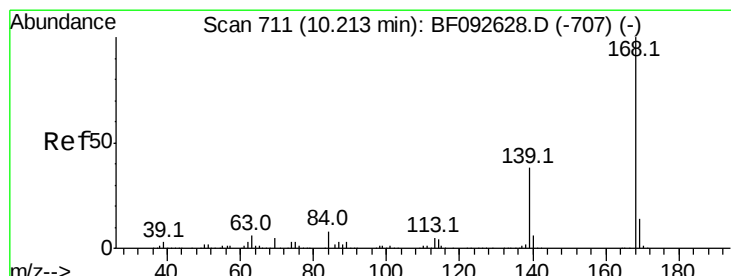
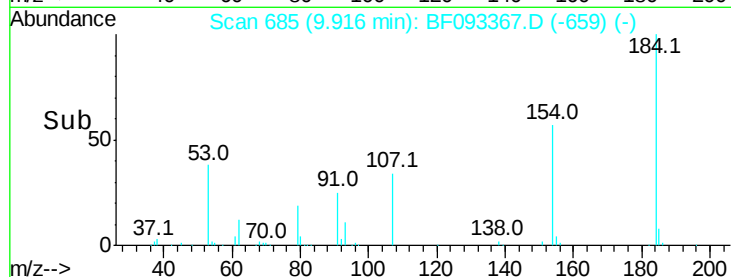
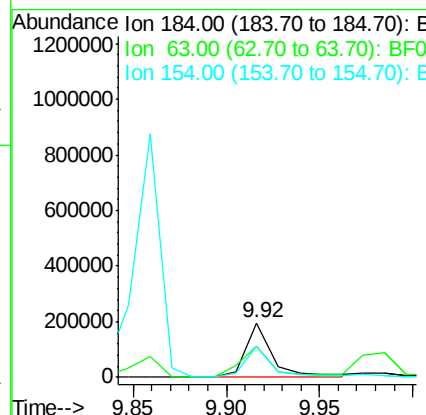
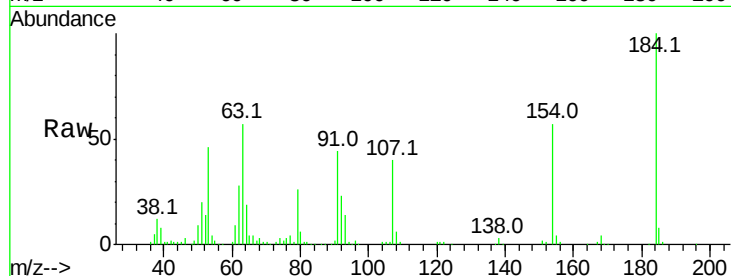
#53
2,4-Dinitrophenol
Concen: 78.20 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.1	28.4	42.6#
154	56.6	44.3	66.5

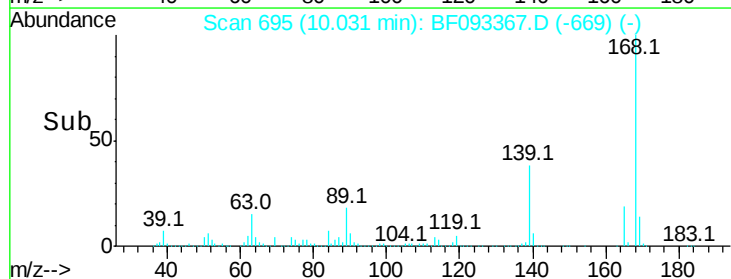
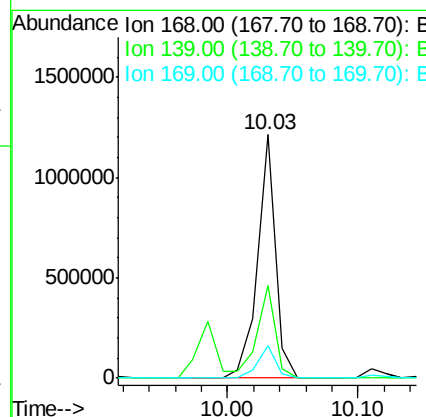
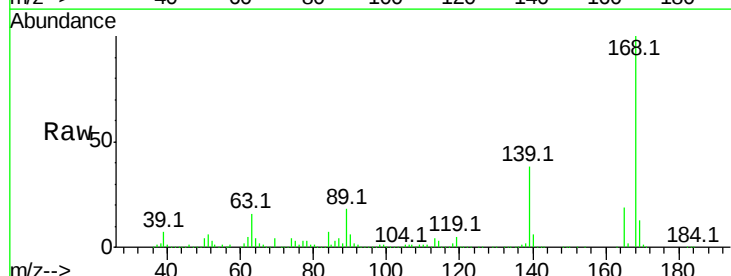
Manual Integrations
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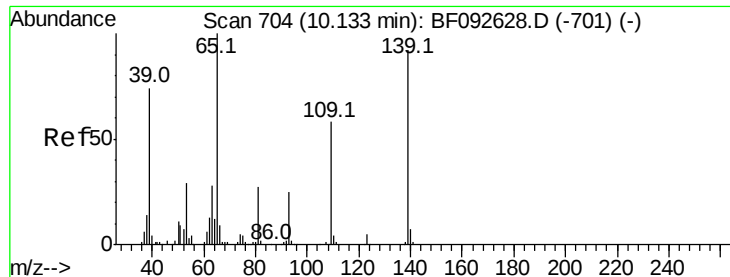
mohammad
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#54
Dibenzofuran
Concen: 42.32 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.6	49.0
169	13.5	11.3	16.9





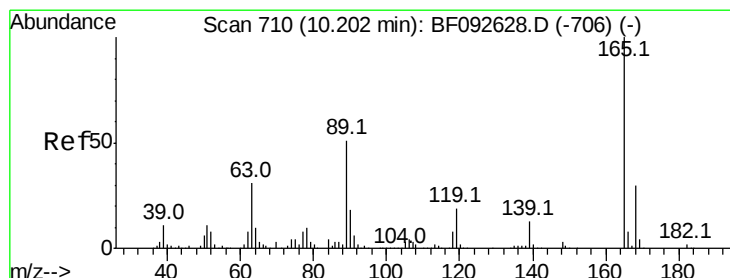
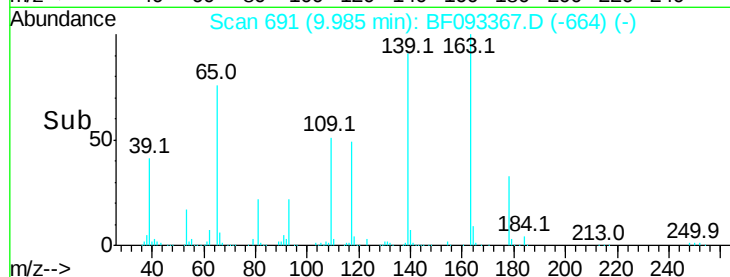
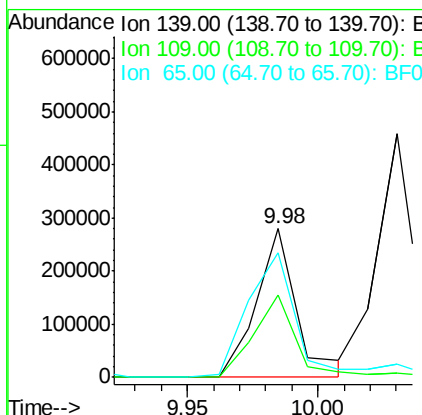
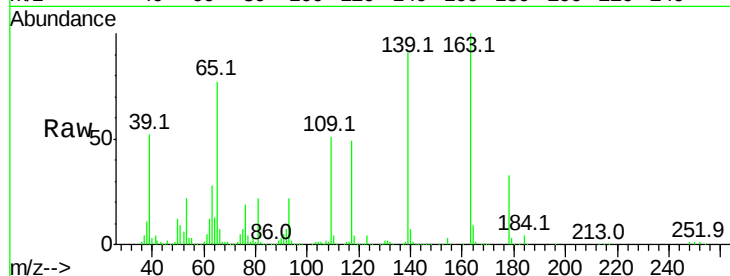
#55
4-Nitrophenol
Concen: 71.79 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.9	52.2	92.2	
65	84.2	85.8	125.8	

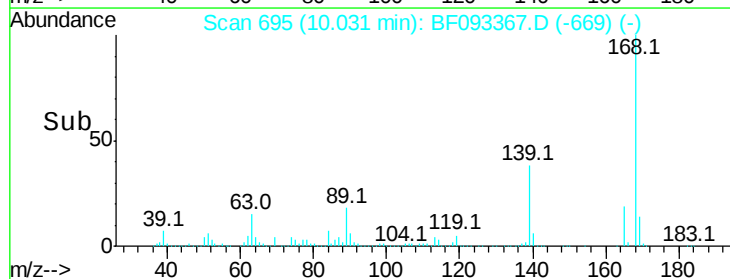
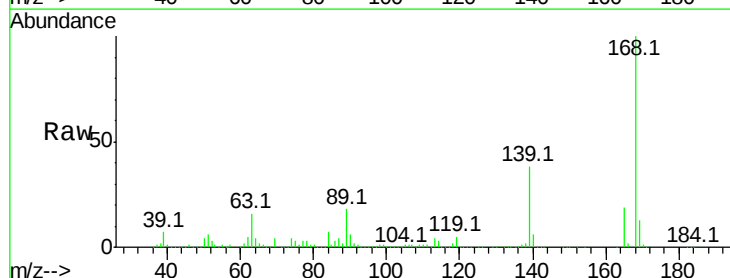
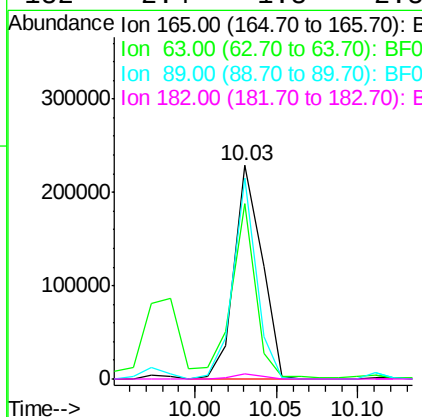
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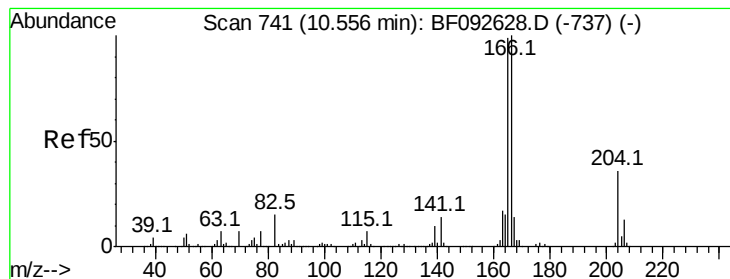
mohammad
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#56
2,4-Dinitrotoluene
Concen: 39.43 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	82.3	40.2	60.4	
89	94.2	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 44.17 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

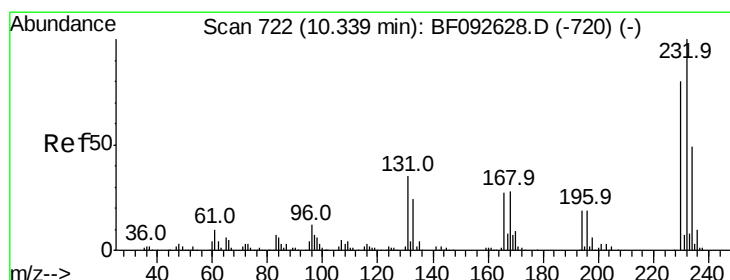
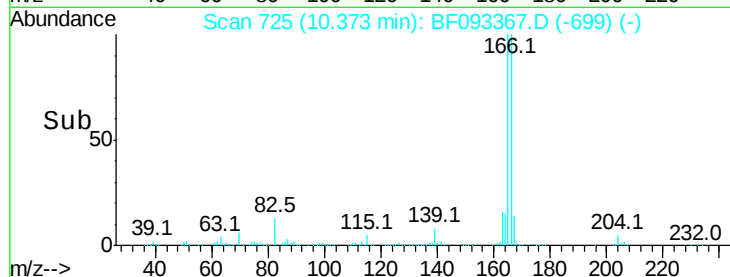
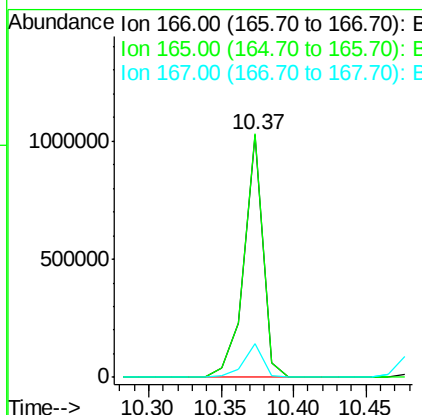
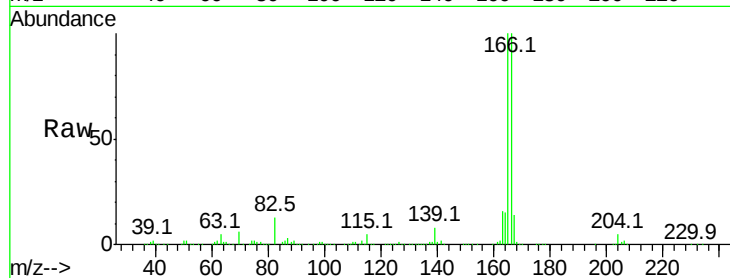
ClientSampleId :

PB97309BS

Tot Ion:	166	Resp:	936635
Ion Ratio	Lower	Upper	
166	100		
165	100.3	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.40 ng

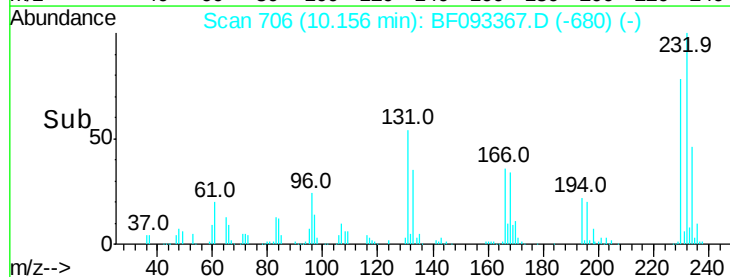
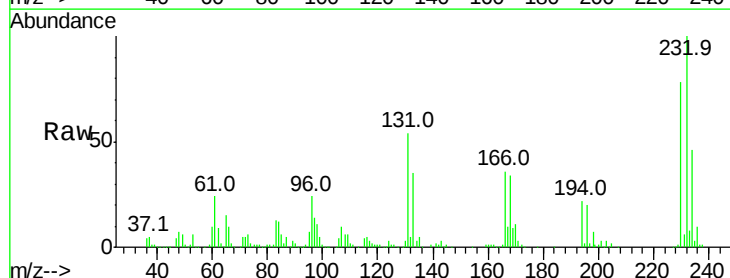
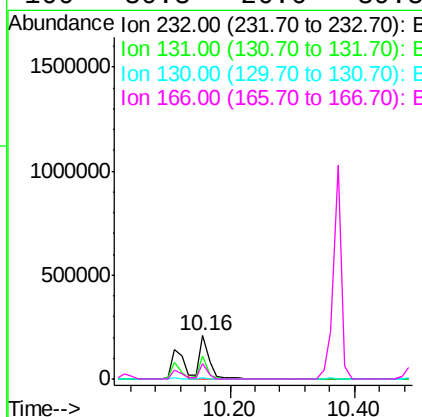
RT: 10.16 min Scan# 706

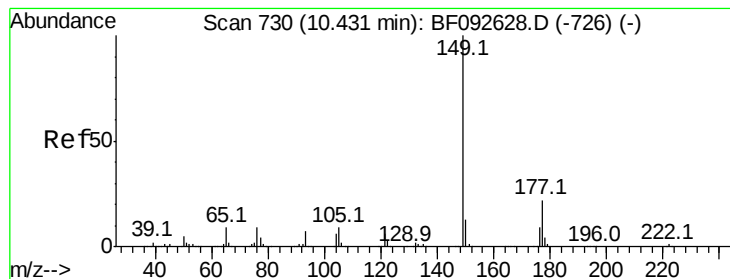
Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:	232	Resp:	234540
Ion Ratio	Lower	Upper	
232	100		
131	46.0	40.1	60.1
130	2.4	1.8	2.8
166	30.3	26.6	39.8





#59

Diethylphthalate

Concen: 43.10 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

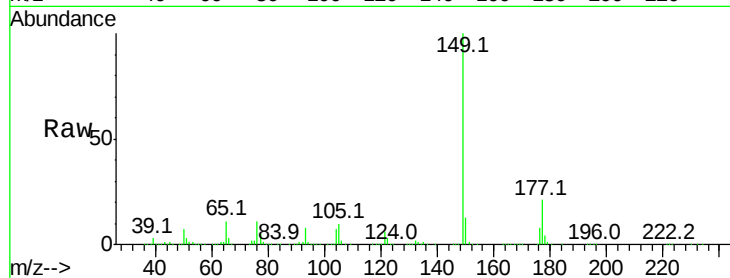
ClientSampleId :

PB97309BS

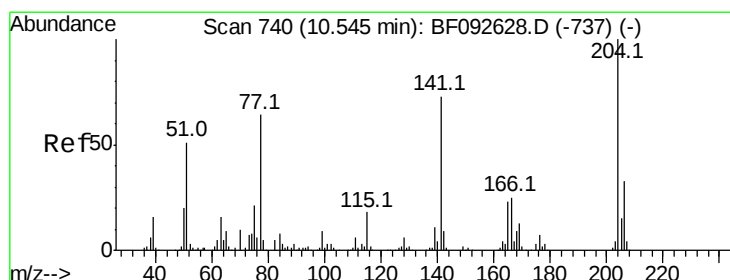
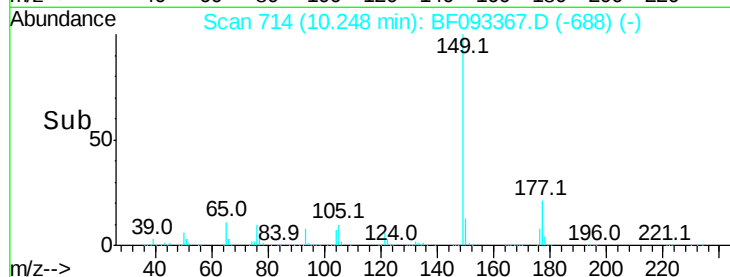
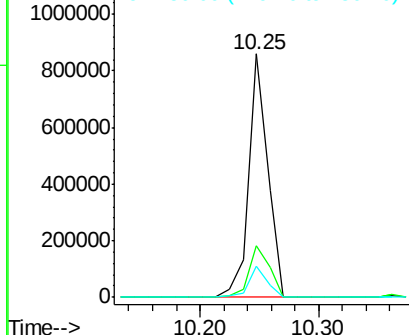
Tot Ion:	149	Resp:	963636
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	12.8	10.4	15.6

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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: 41.21 ng

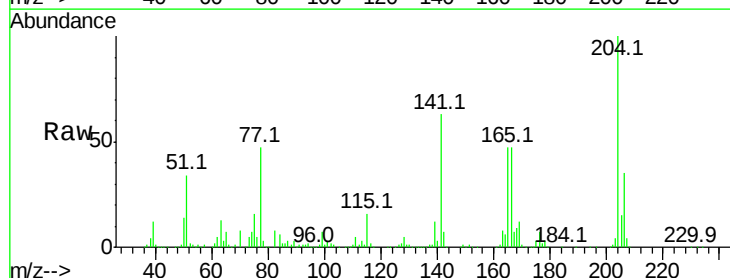
RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

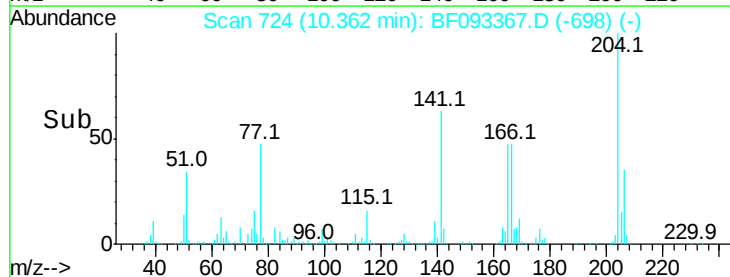
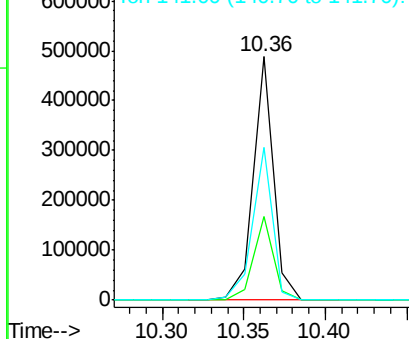
Lab File: BF093367.D

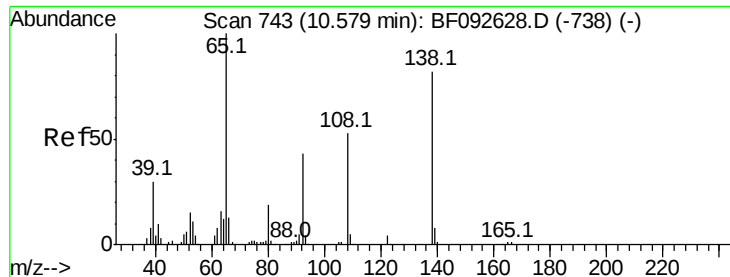
Acq: 3 Mar 2017 19:11

Tgt Ion:	204	Resp:	419807
Ion Ratio	Lower	Upper	
204	100		
206	34.5	25.8	38.6
141	62.5	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: 38.91 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

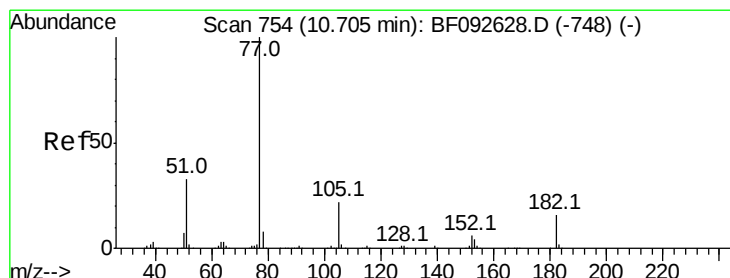
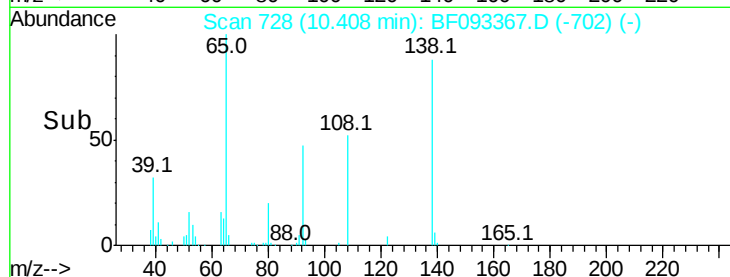
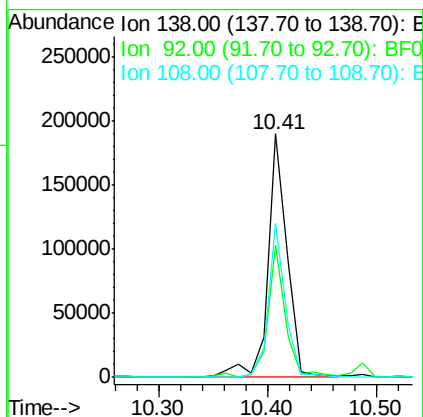
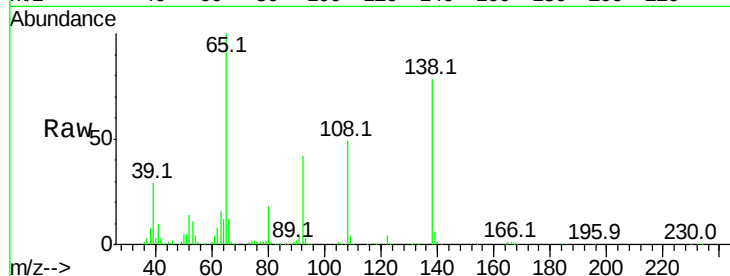
ClientSampleId :

PB97309BS

Tot Ion:	138	Resp:	233643
Ion	Ratio	Lower	Upper
138	100		
92	54.3	31.7	71.7
108	63.3	52.6	92.6

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#62

Azobenzene

Concen: 48.50 ng

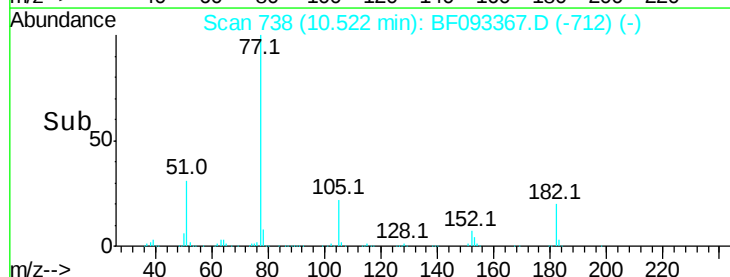
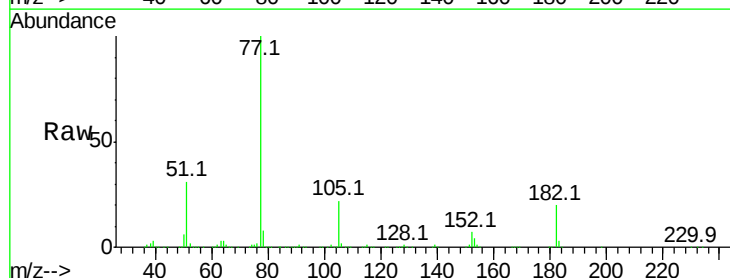
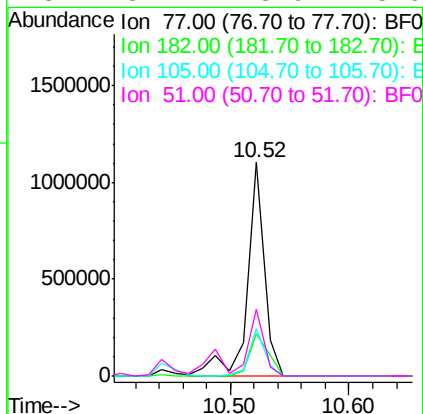
RT: 10.52 min Scan# 738

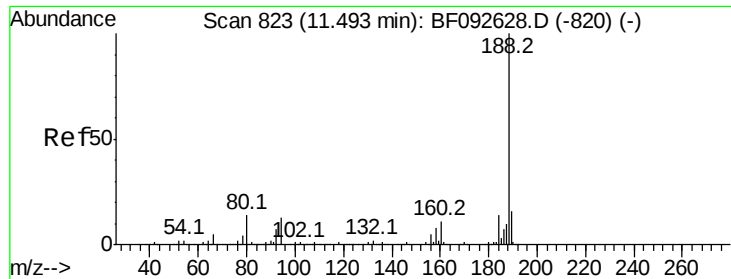
Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:	77	Resp:	1120073
Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.0	39.3
105	22.5	2.3	42.3
51	31.1	8.9	48.9





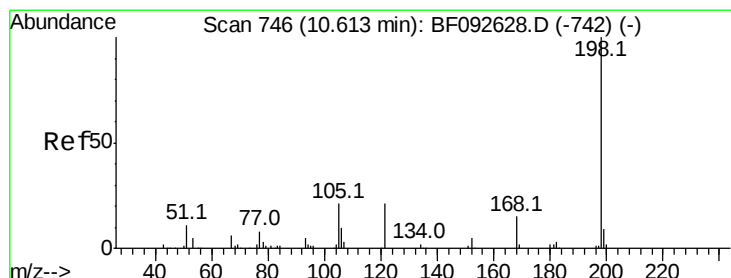
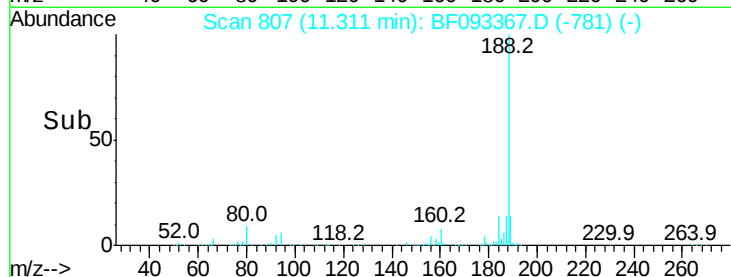
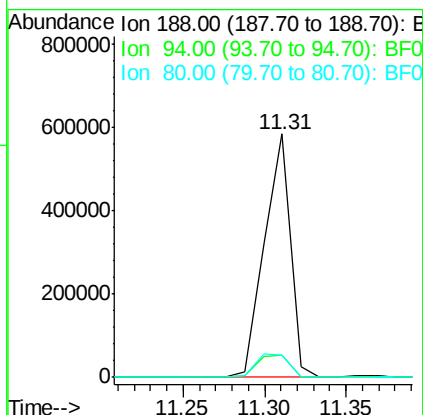
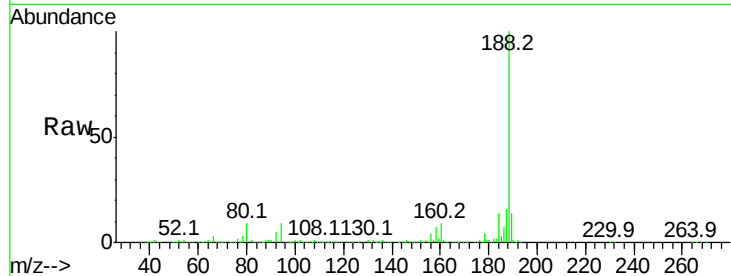
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	10.0	15.0#
80	9.3	11.2	16.8#

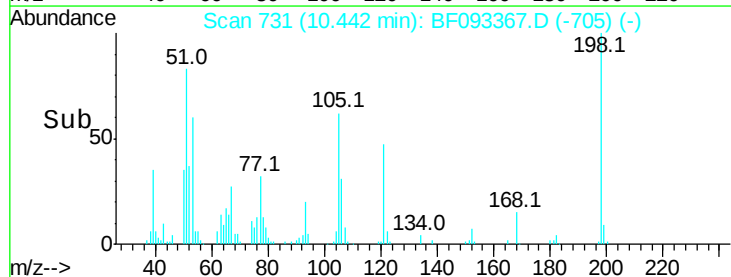
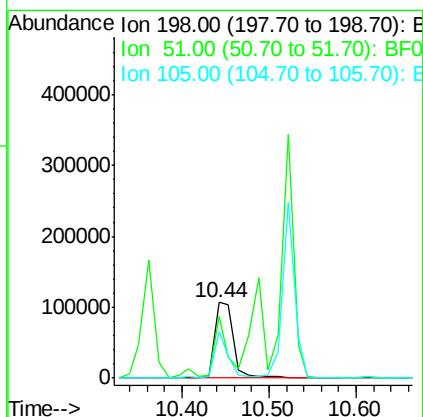
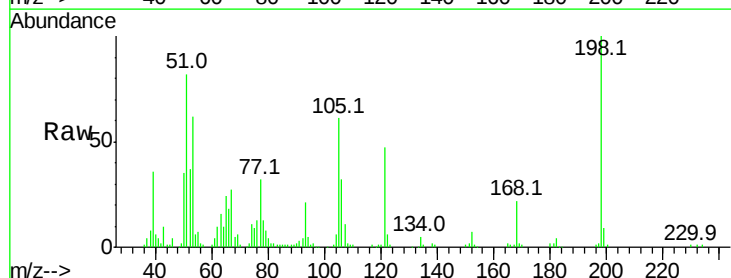
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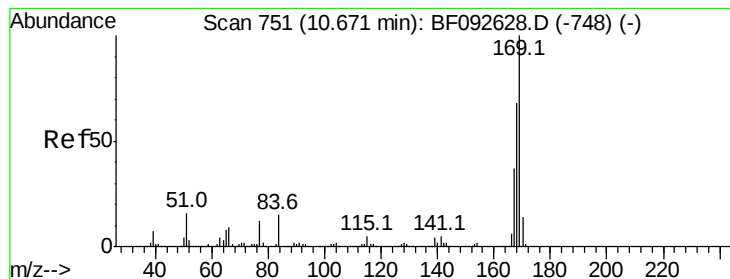
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.79 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	82.5	6.7	46.7#
105	60.8	16.6	56.6#





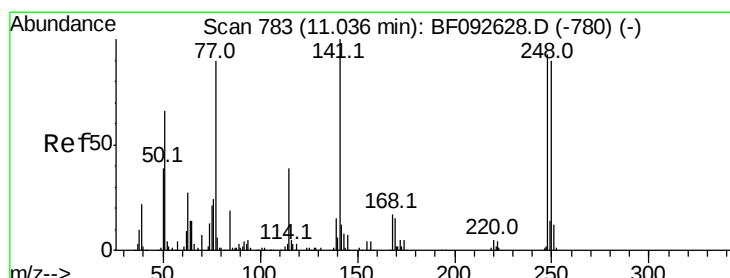
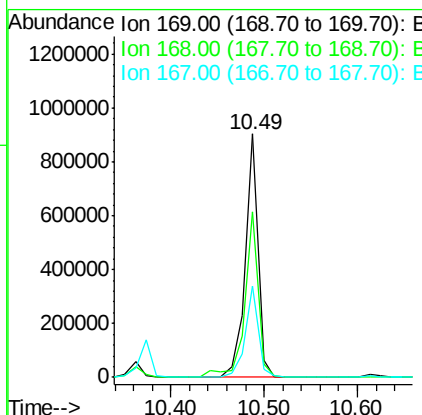
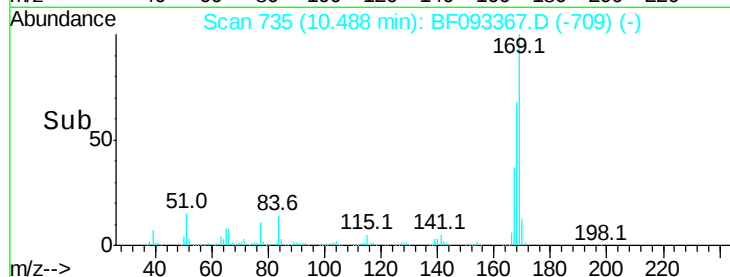
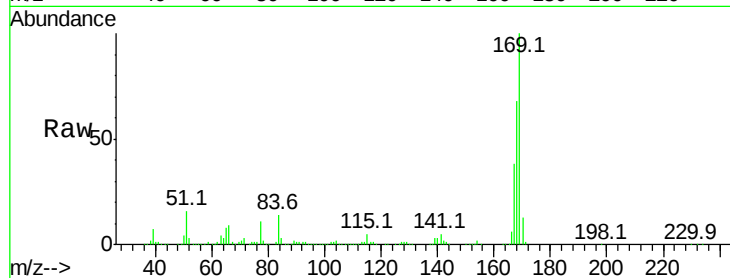
#65
n-Nitrosodiphenylamine
Concen: 41.14 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.2
167	37.5	30.2	45.4

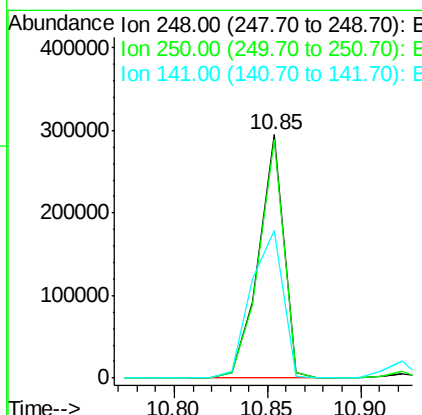
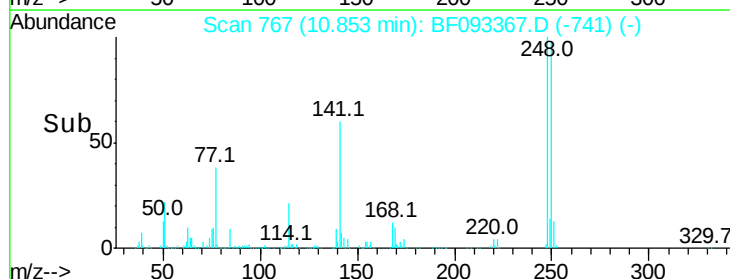
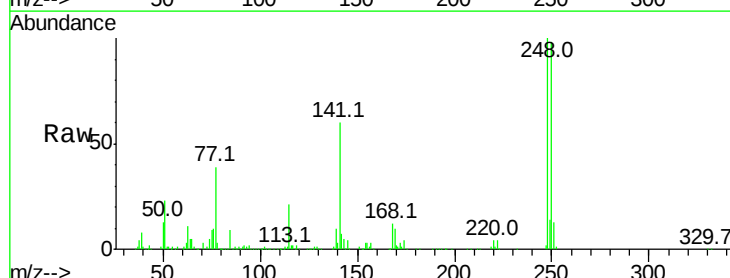
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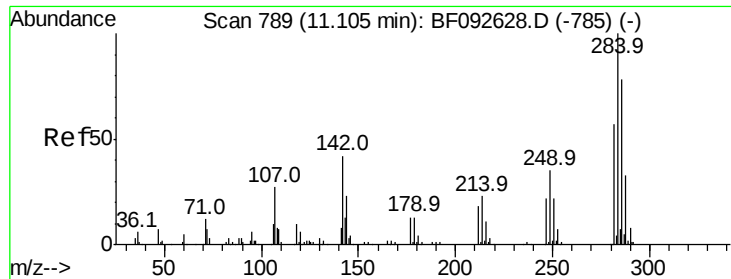
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#66
4-Bromophenyl-phenylether
Concen: 40.56 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	60.5	68.2	102.4





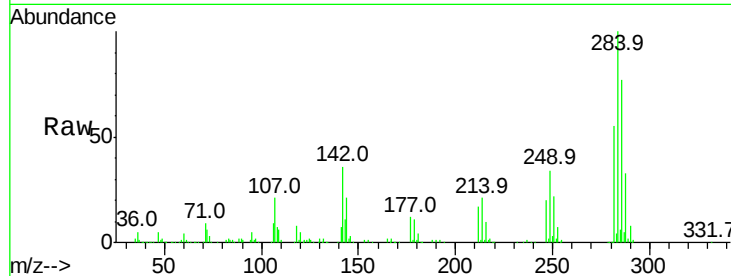
#67
Hexachlorobenzene
Concen: 39.59 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

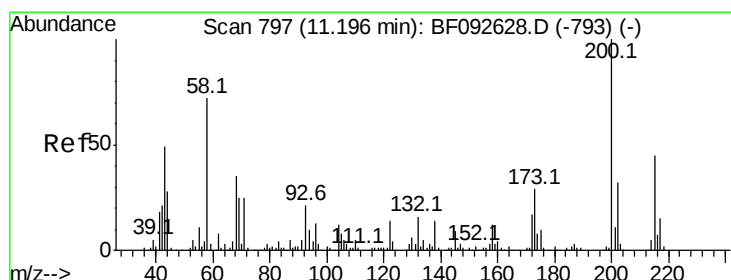
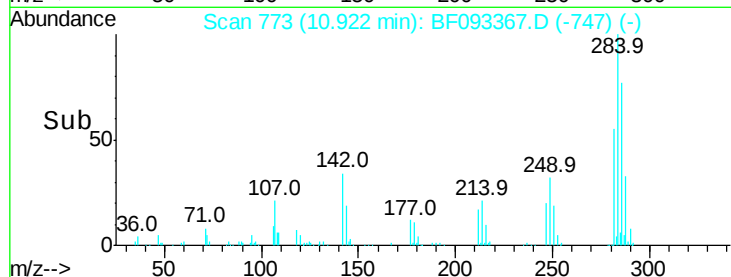
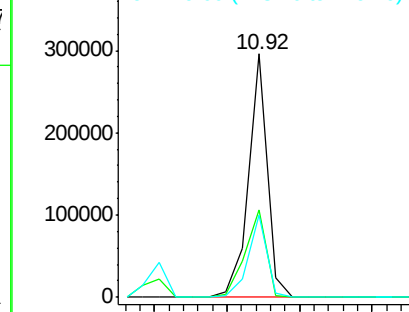
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	35.8	22.6	33.8#
249	33.7	25.4	38.0

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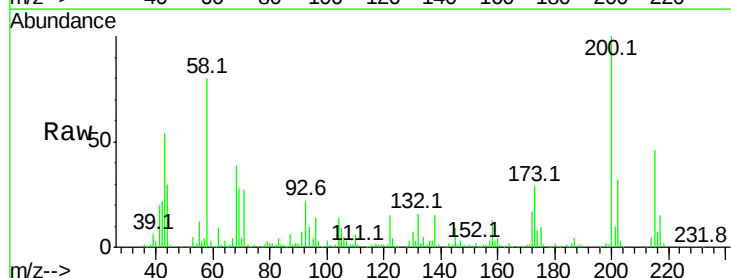


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

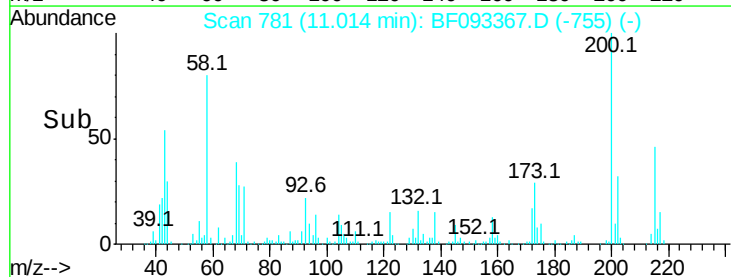
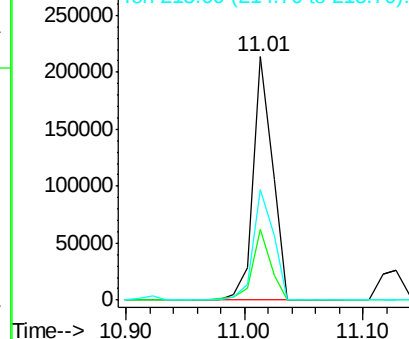


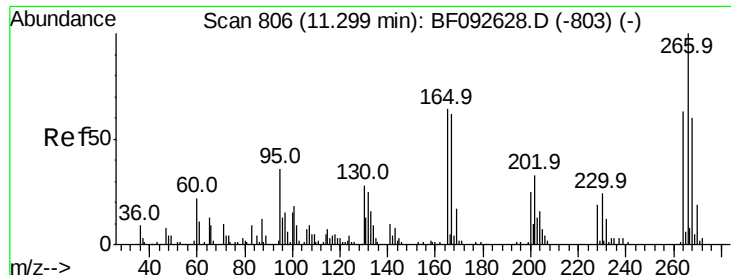
#68
Atrazine
Concen: 36.57 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	9.6	49.6
215	45.6	25.7	65.7



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





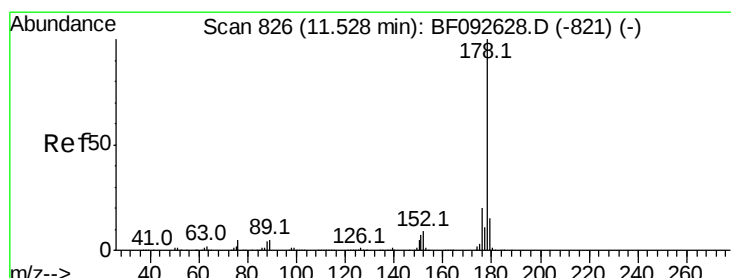
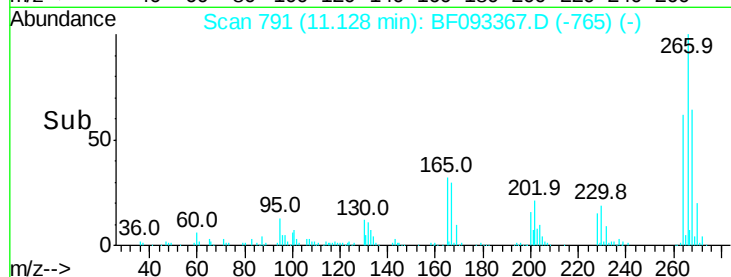
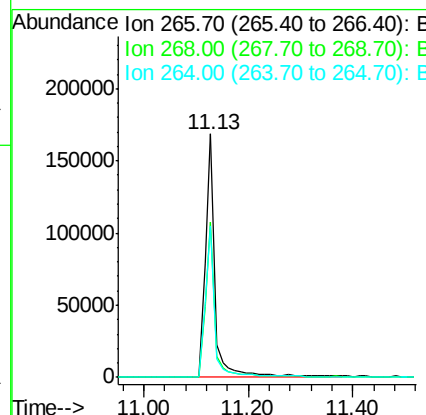
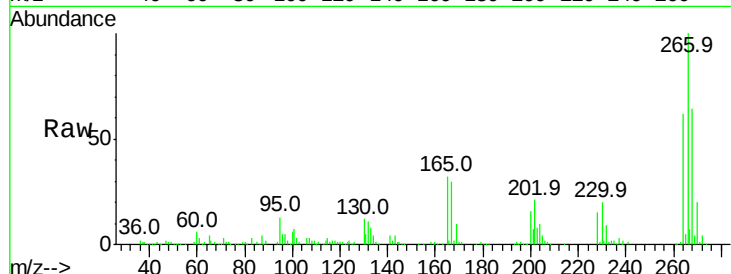
#69
 Pentachlorophenol
 Concen: 65.31 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	220851		
268	63.6		53.3	79.9
264	62.0		50.3	75.5

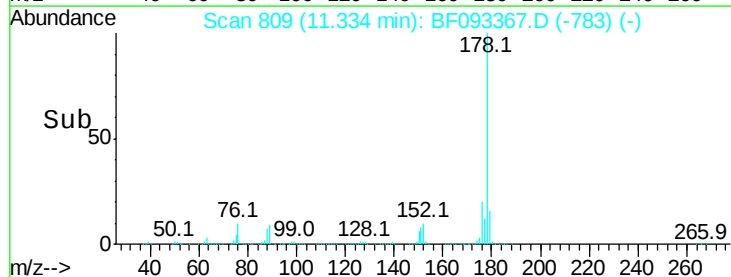
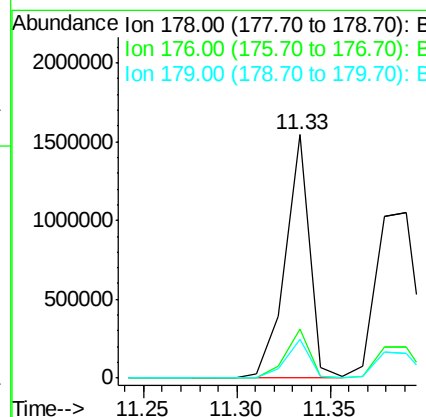
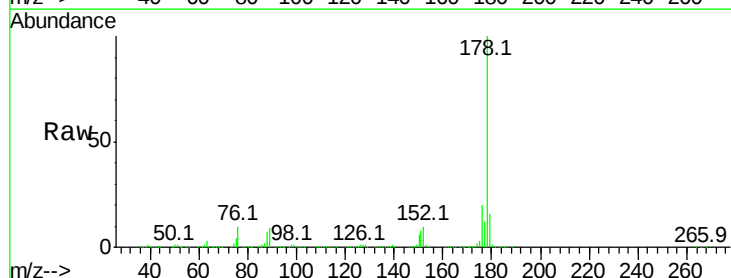
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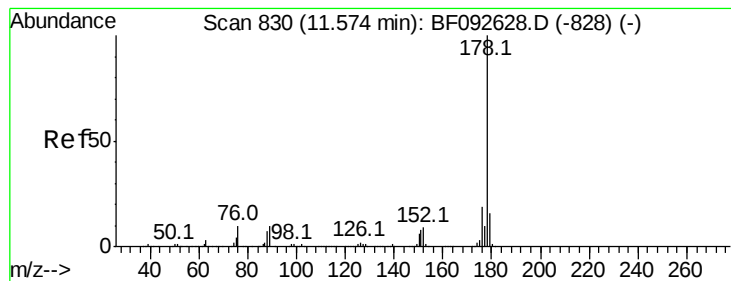
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#70
 Phenanthrene
 Concen: 37.63 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1399067		
176	20.1		16.6	25.0
179	15.7		12.8	19.2





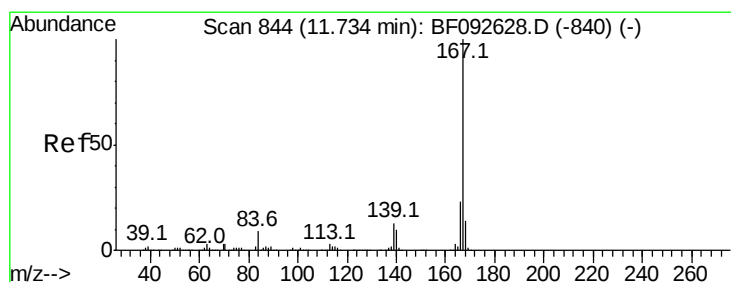
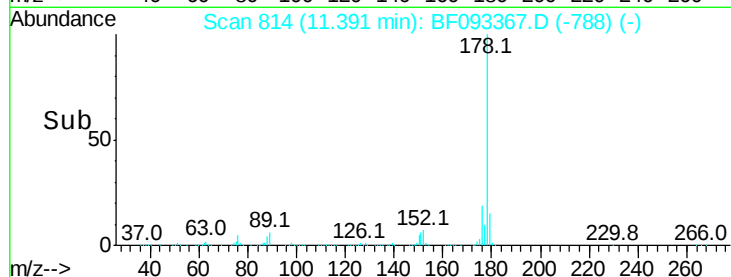
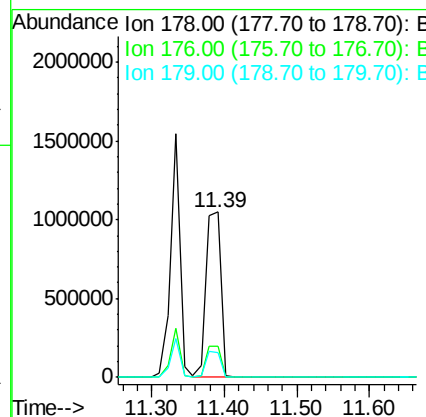
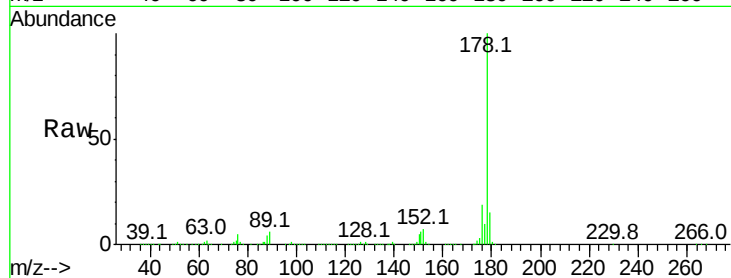
#71
 Anthracene
 Concen: 39.93 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion:178 Resp: 1490766
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.1 13.2 19.8

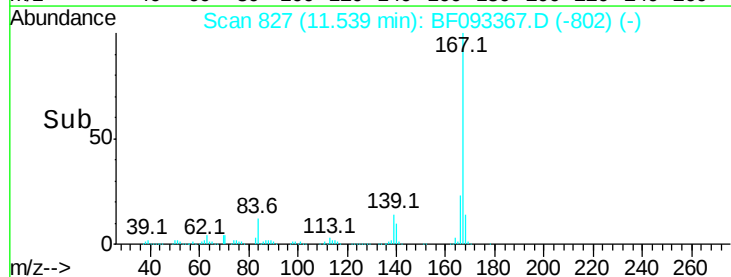
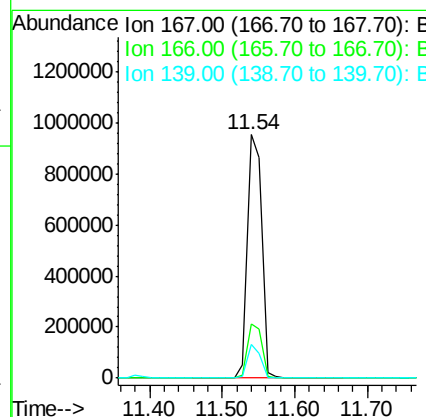
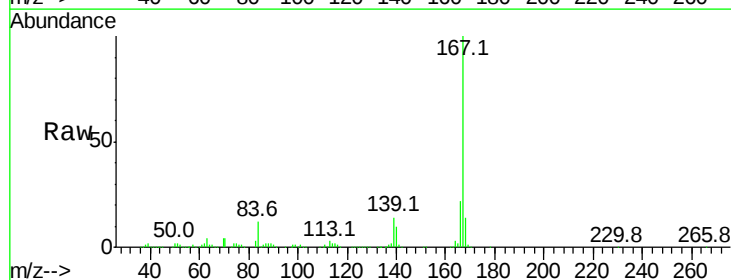
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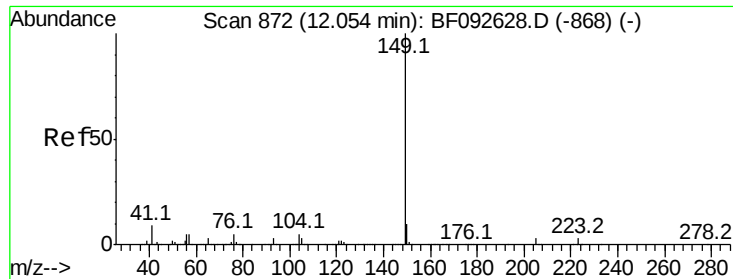
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#72
 Carbazole
 Concen: 36.67 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:167 Resp: 1308662
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.05 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tot Ion:149 Resp: 1700272

Ion Ratio Lower Upper

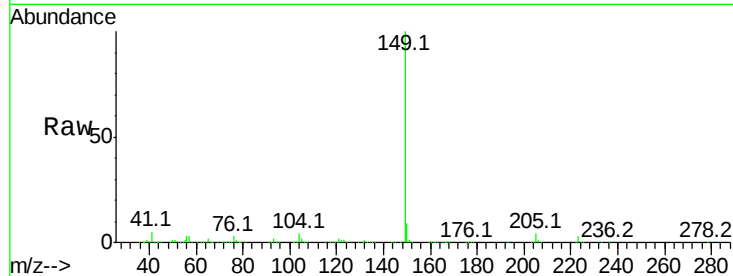
149 100

150 9.0 8.1 12.1

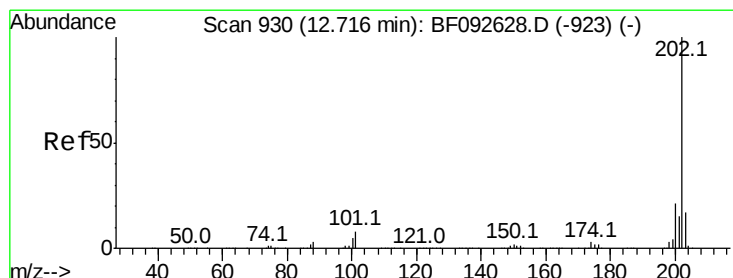
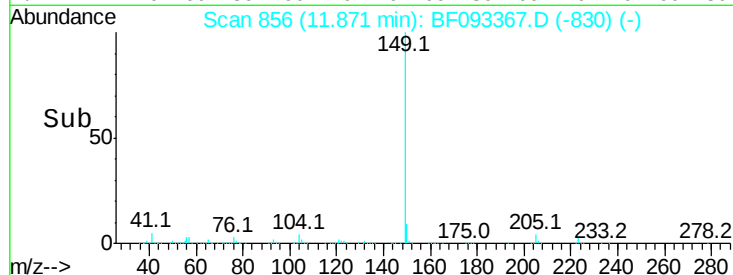
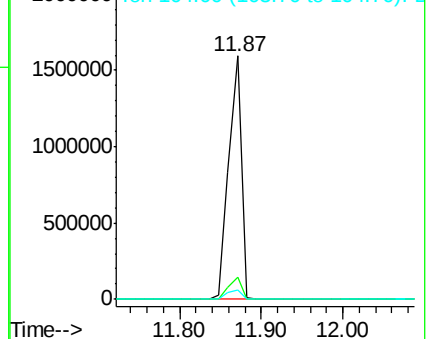
104 3.8 4.6 7.0#

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



#74

Fluoranthene

Concen: 38.54 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

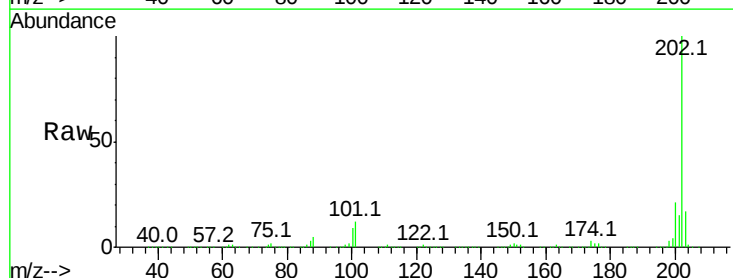
Tgt Ion:202 Resp: 1478051

Ion Ratio Lower Upper

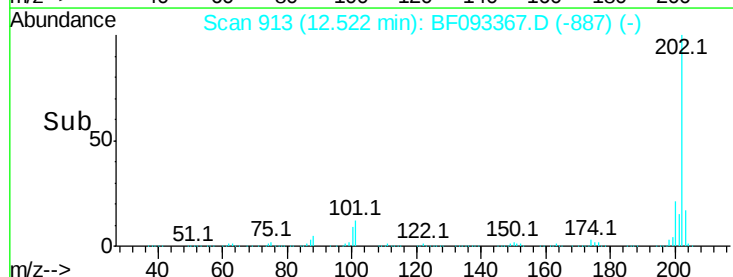
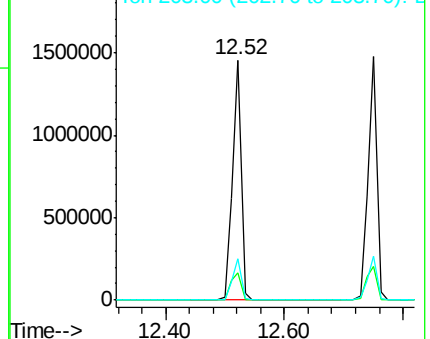
202 100

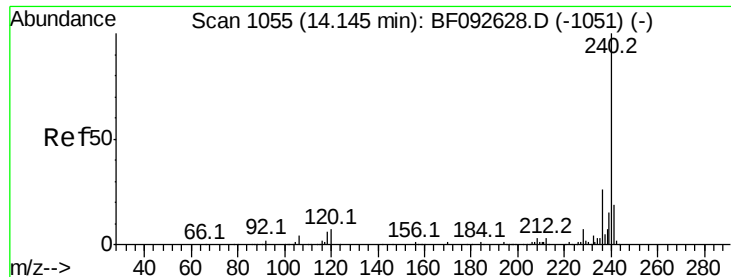
101 11.6 0.0 34.6

203 17.4 0.0 38.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

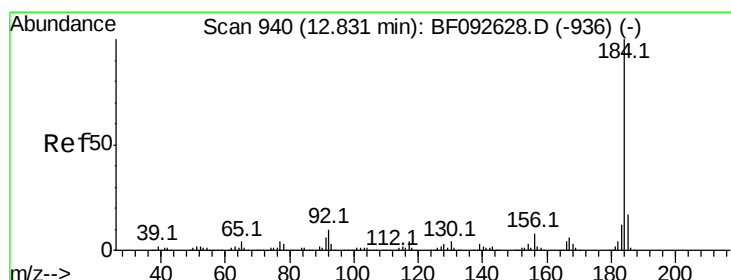
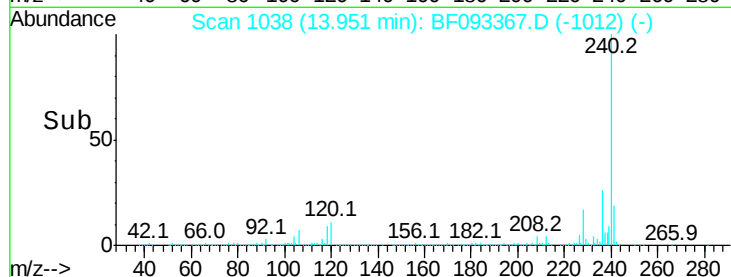
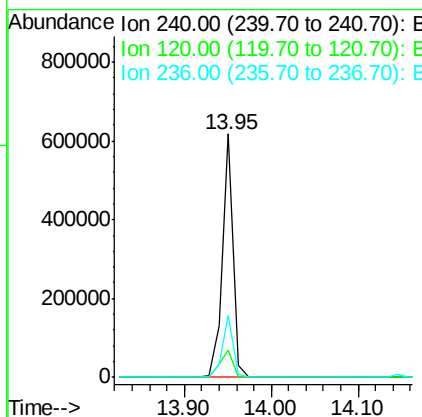
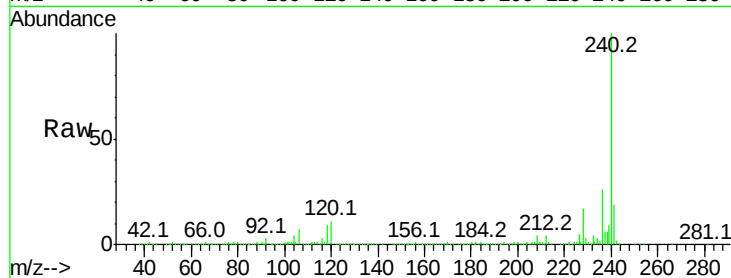
ClientSampleId :

PB97309BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	12.9	19.3#
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 14.27 ng

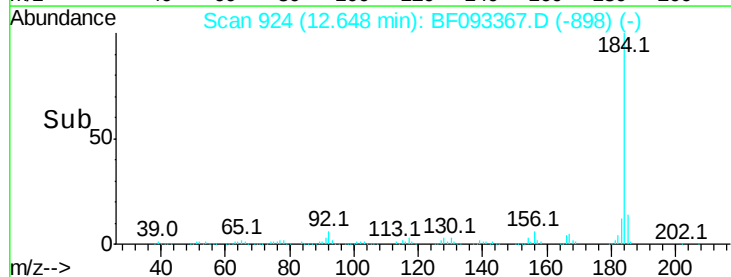
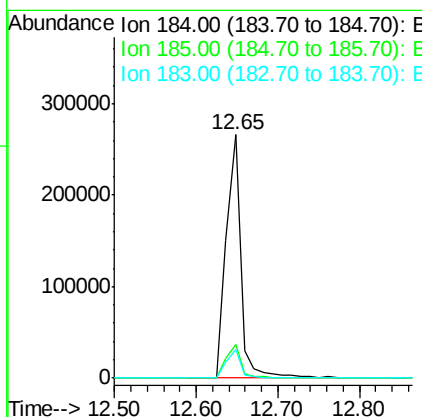
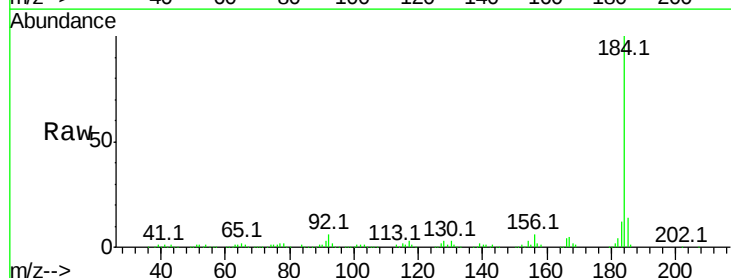
RT: 12.65 min Scan# 924

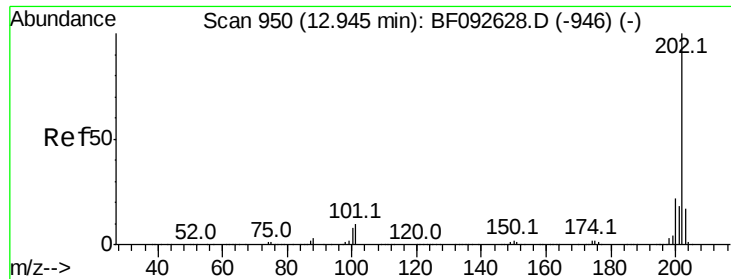
Delta R.T. -0.00 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.4	20.0
183	11.7	9.2	13.8





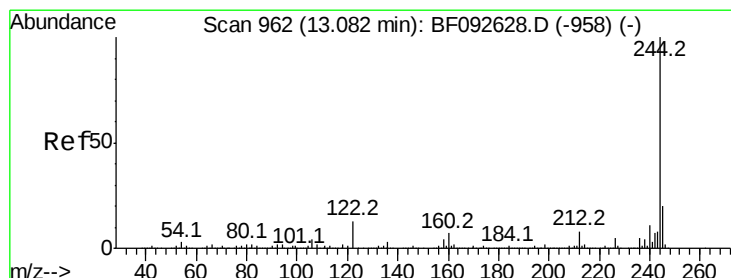
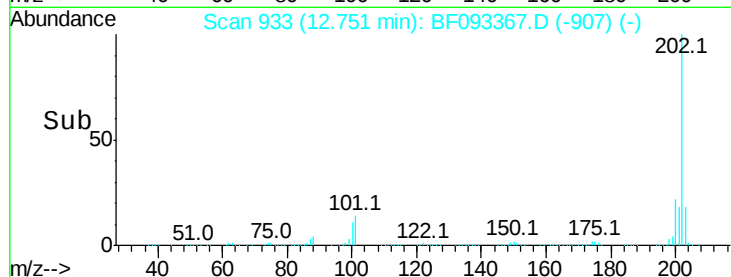
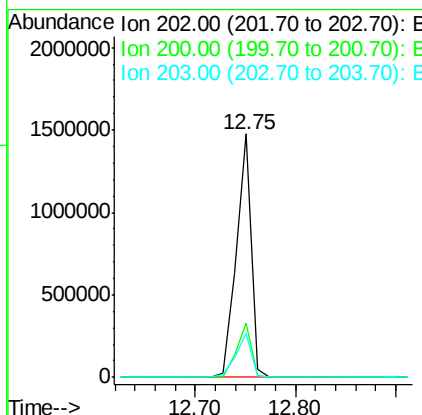
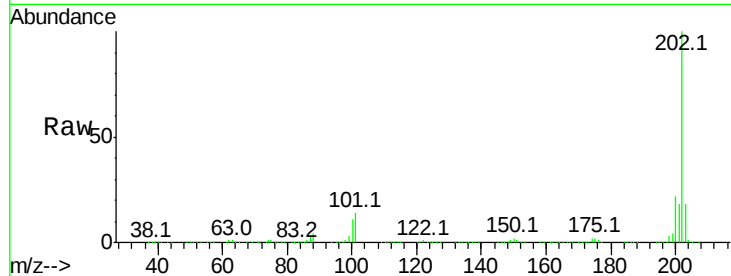
#77
Pvrene
Concen: 37.07 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion:202 Resp: 1503933
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1

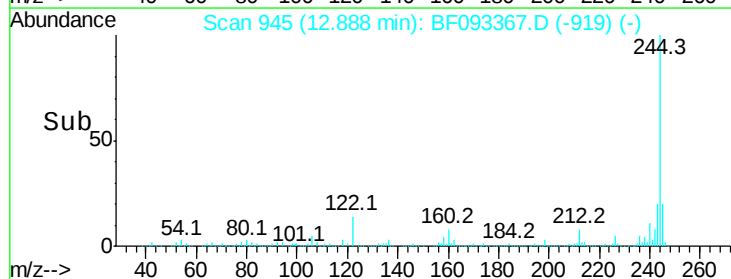
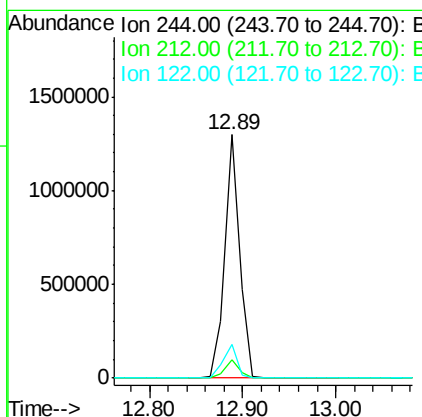
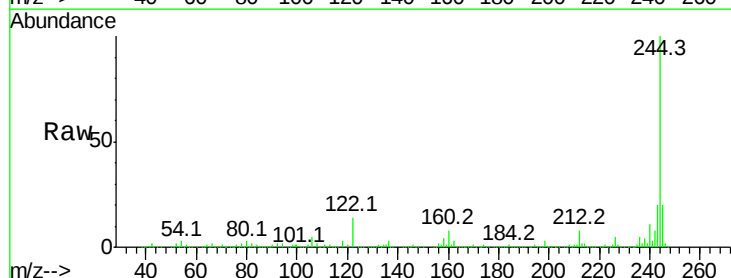
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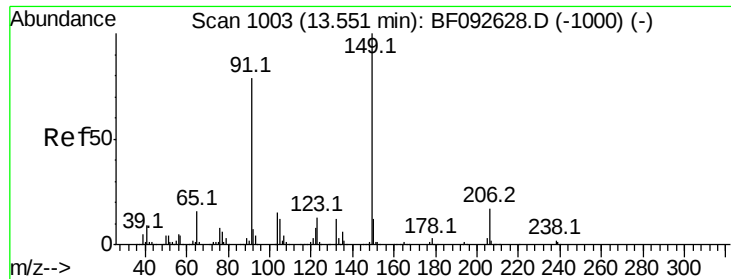
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#78
Terphenyl-d14
Concen: 62.41 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:244 Resp: 1439908
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 13.8 11.4 17.2





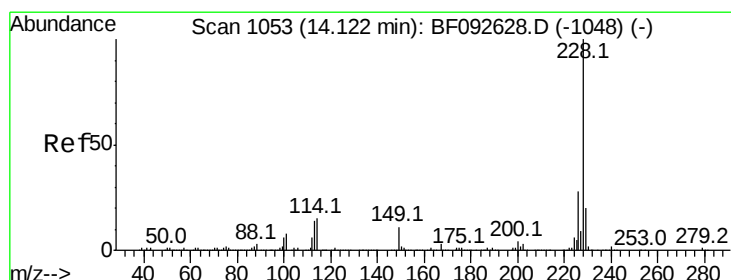
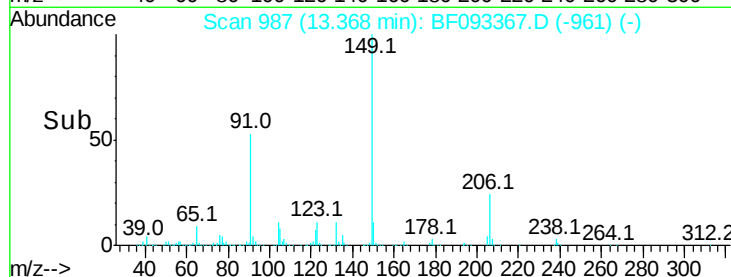
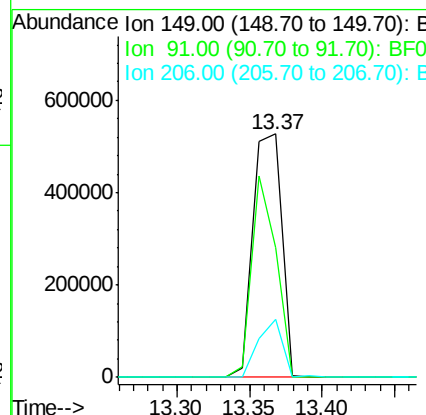
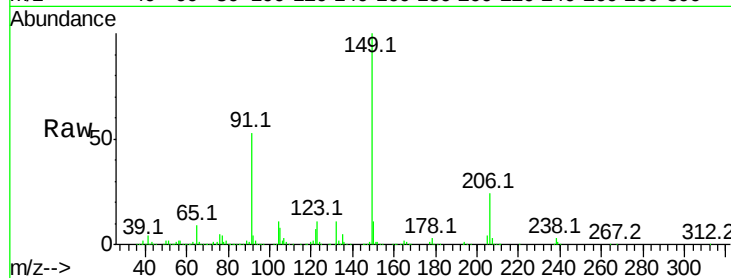
#79
Butylbenzylphthalate
Concen: 44.27 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	53.4	63.9	95.9#
206	23.9	14.6	21.8#

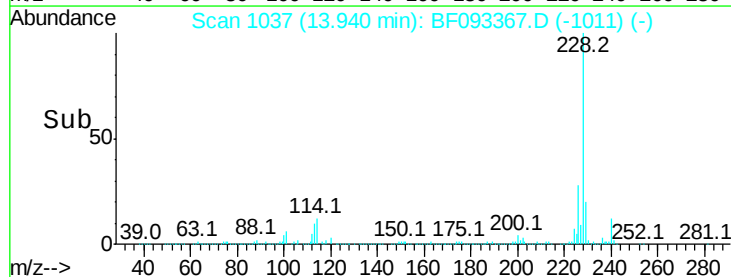
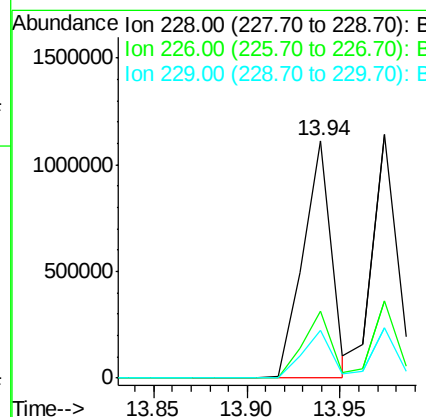
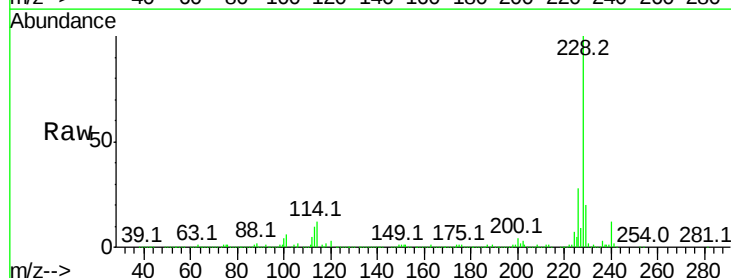
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#80
Benzo(a)anthracene
Concen: 35.67 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.0	16.2	24.4





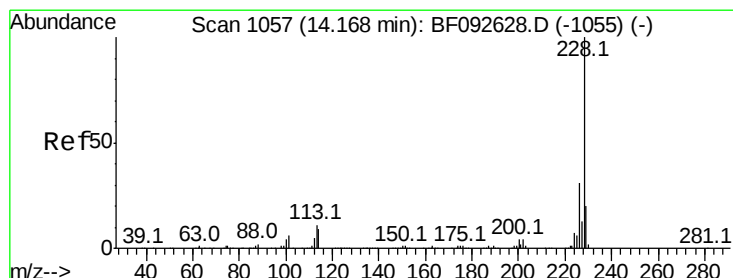
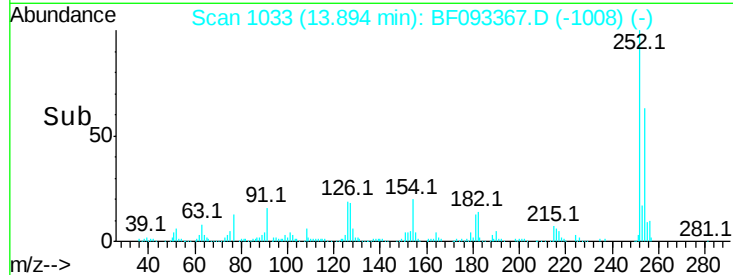
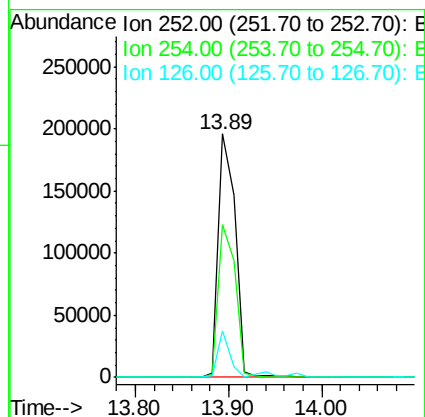
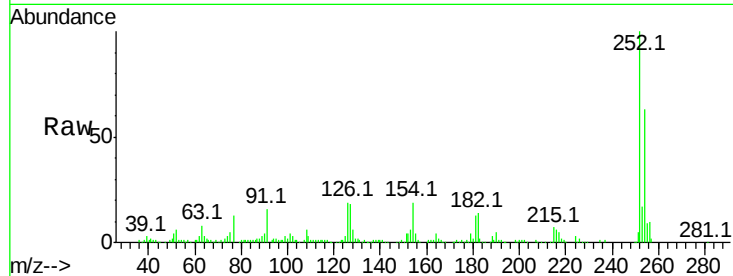
#81
 3,3'-Dichlorobenzidine
 Concen: 20.73 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	245005		
254	62.5	52.3	78.5	
126	19.1	13.6	20.4	

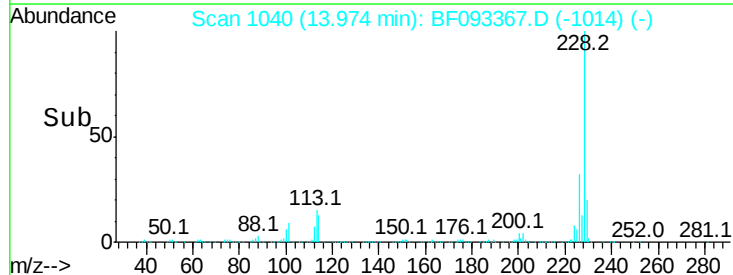
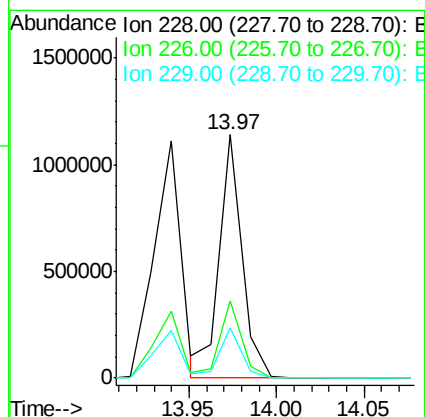
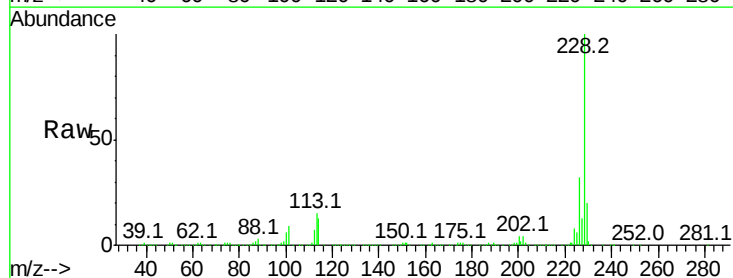
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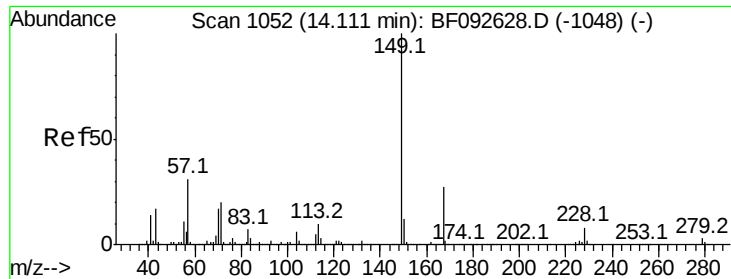
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#82
 Chrysene
 Concen: 33.39 ng m
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1036596		
226	31.6	25.4	38.0	
229	20.5	16.2	24.2	





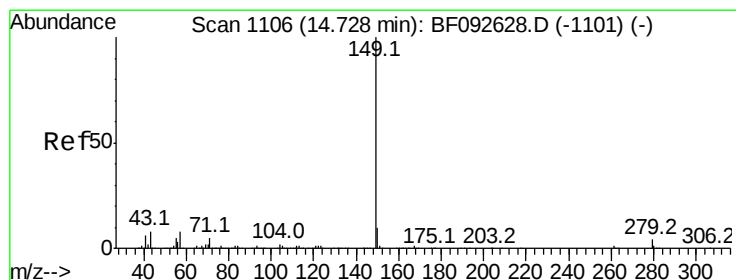
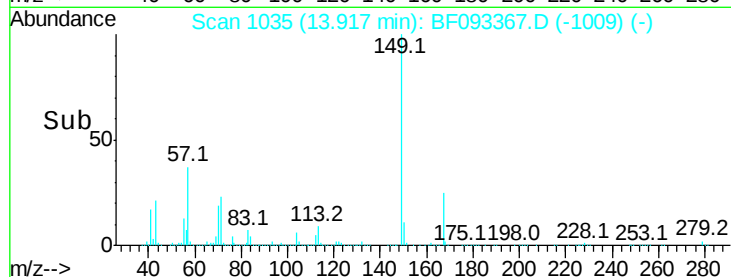
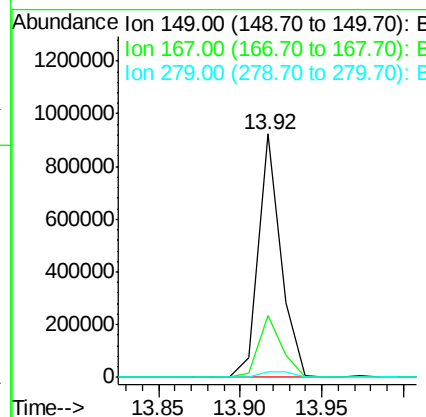
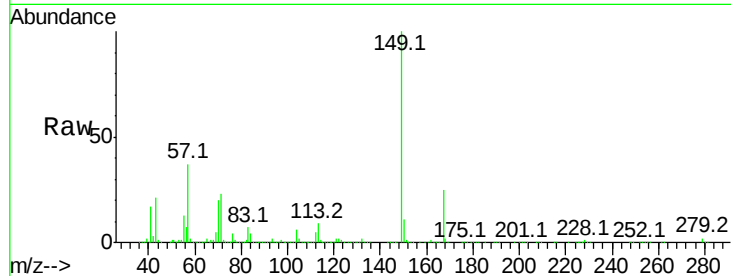
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.25 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.2	30.4
279	2.2	1.8	2.8

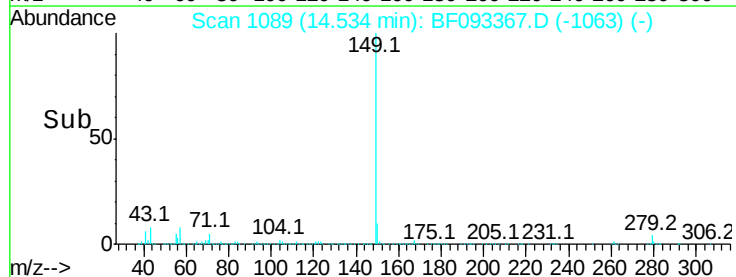
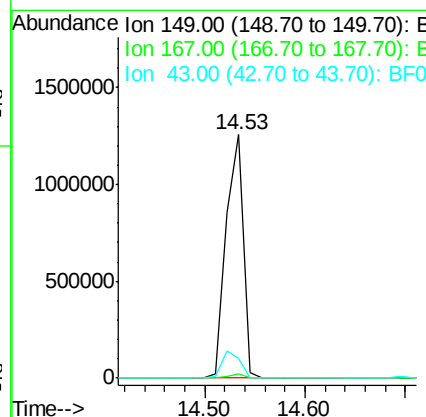
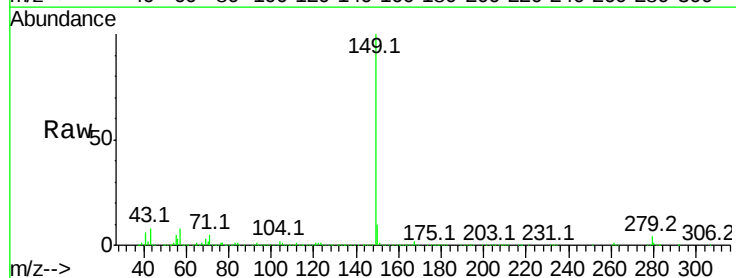
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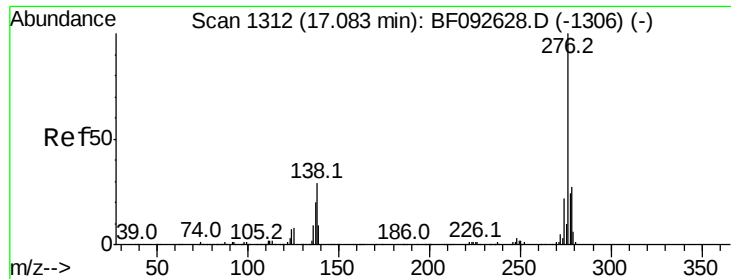
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 40.54 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.7	8.9	13.3





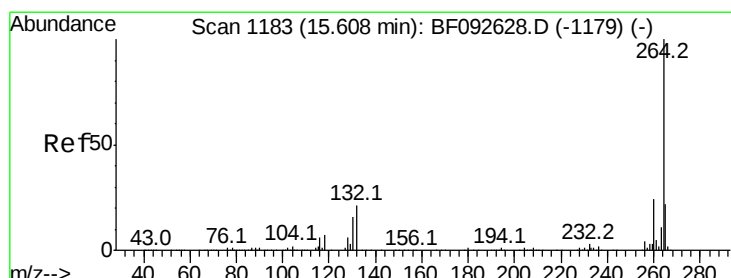
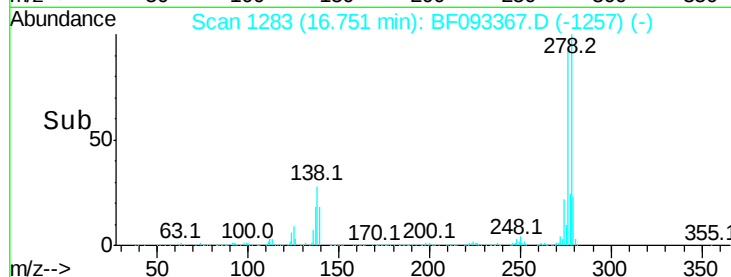
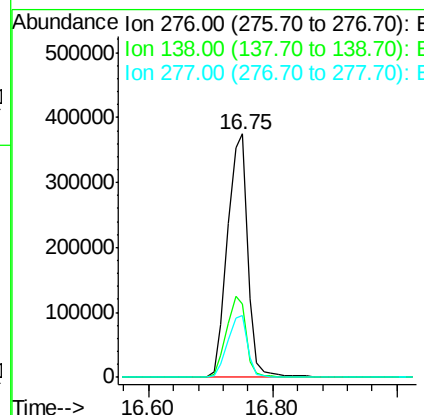
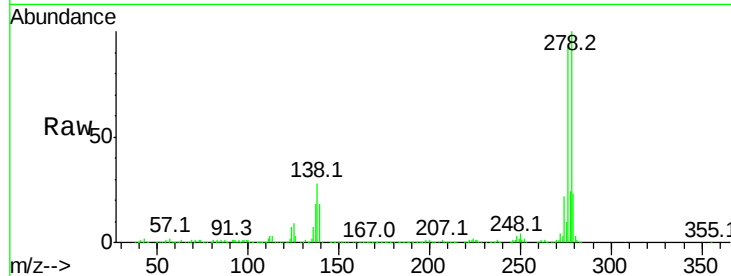
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.16 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.6#
277	25.3	20.2	30.4

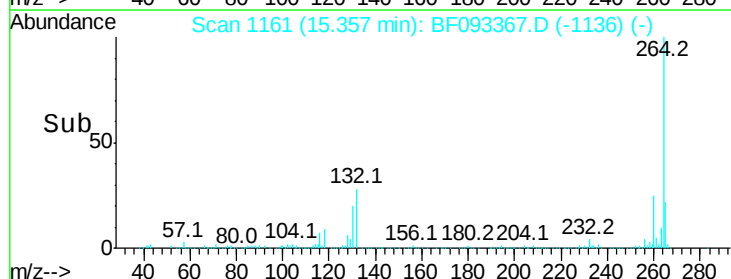
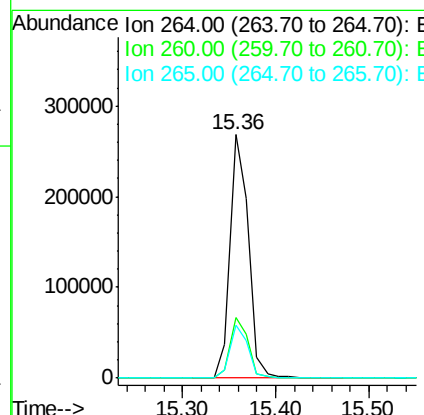
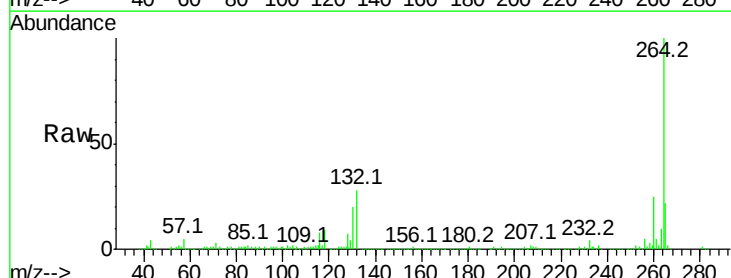
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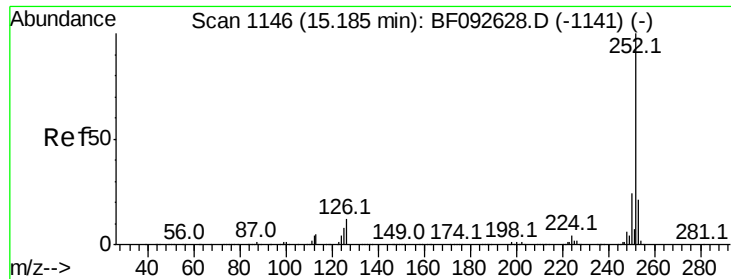
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.4	26.0





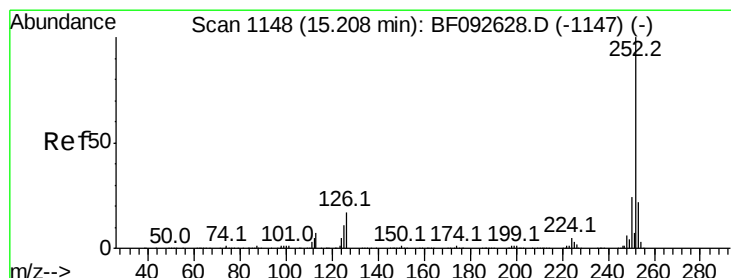
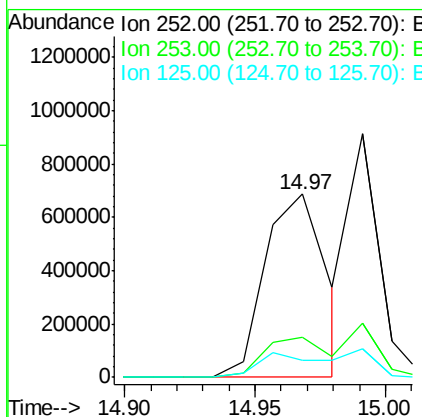
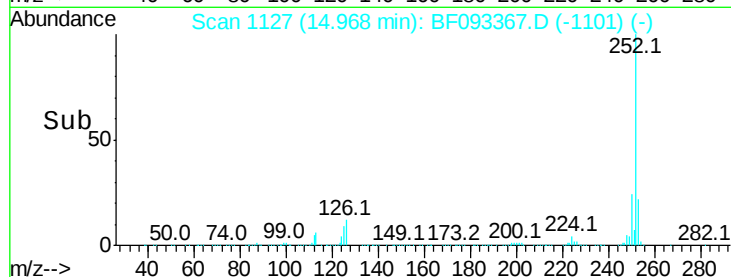
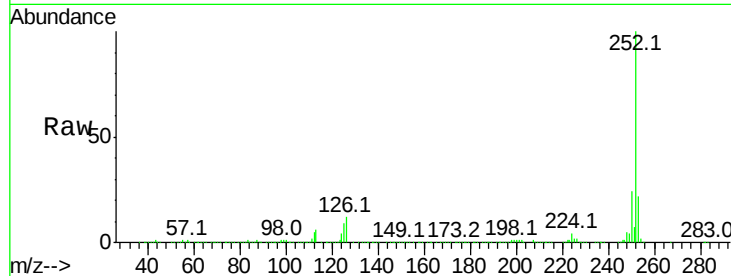
#87
Benzo(b)fluoranthene
Concen: 47.03 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tot Ion:252 Resp: 1140389
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.4 9.8 14.6#

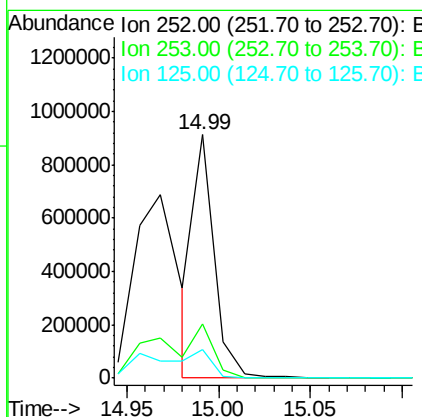
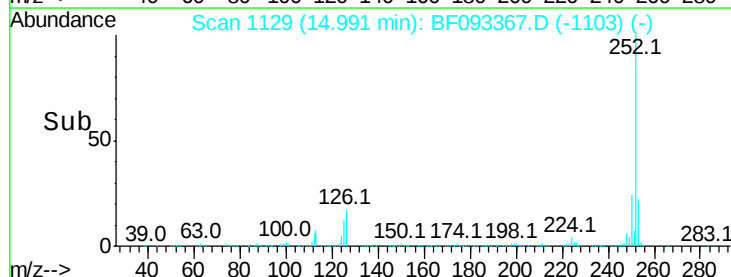
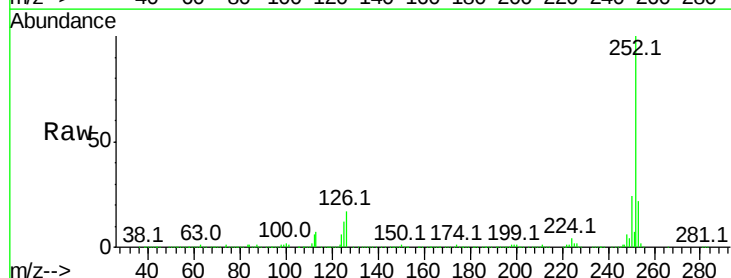
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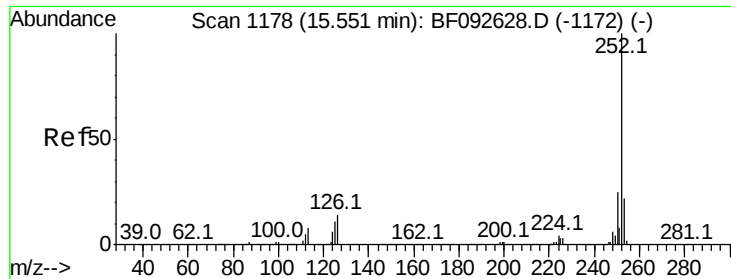
mohammad
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#88
Benzo(k)fluoranthene
Concen: 35.50 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:252 Resp: 743357
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 11.9 8.9 13.3





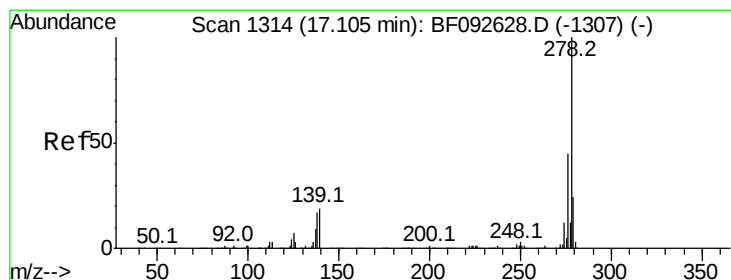
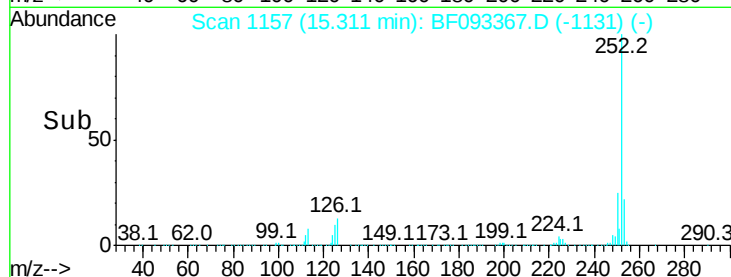
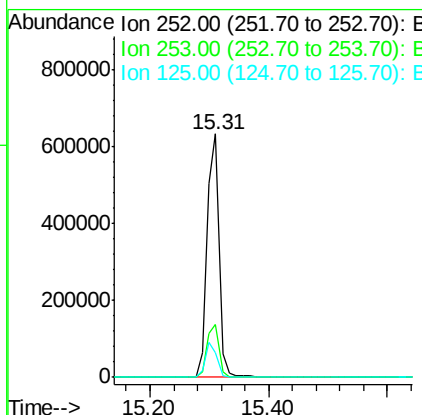
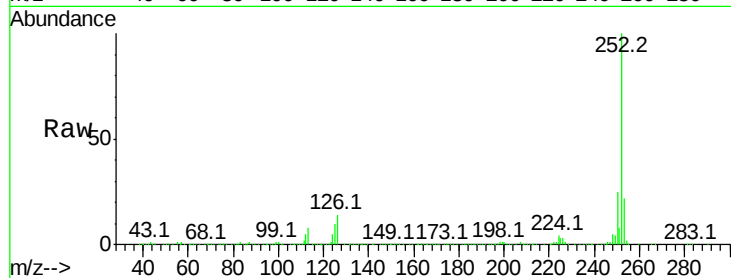
#89
Benzo(a)pyrene
Concen: 42.20 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

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

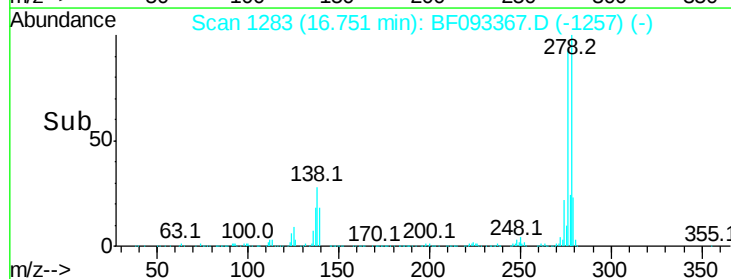
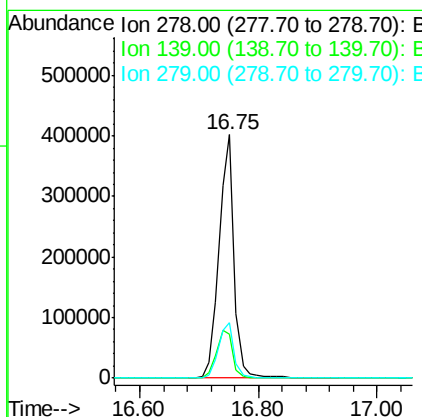
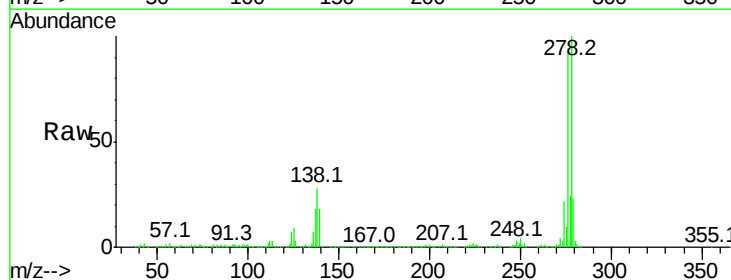
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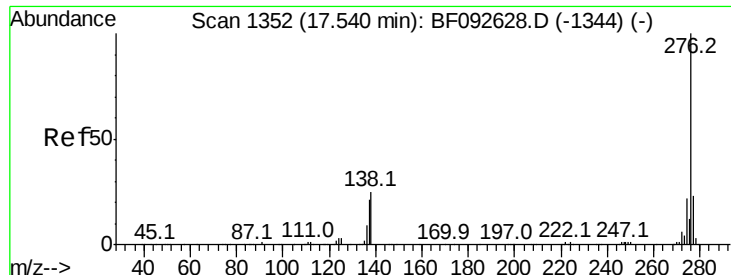
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.86 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.8	22.2
279	23.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.25 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.2	28.8
138	24.5	16.0	24.0

Manual Integrations
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