

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093156.D
 Acq On : 24 Feb 2017 20:38
 Operator : SJ/MA
 Sample : I1957-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:07:36 PM

Quant Time: Feb 24 22:30:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	152302	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	589152	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	296747	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	532152	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	441919	20.00	ng	-0.01
86) Perylene-d12	15.44	264	318322	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1285669	144.83	ng	-0.01
7) Phenol-d6	6.49	99	1815540	158.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1155762	109.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	354889	165.35	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1740913	106.28	ng	-0.01
78) Terphenyl-d14	12.96	244	1574395	83.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	210243	43.83	ng	# 84
3) Pyridine	3.16	79	545170	44.70	ng	86
4) n-Nitrosodimethylamine	3.13	42	281983	49.24	ng	88
6) Aniline	6.50	93	315732	20.26	ng	# 43
8) 2-Chlorophenol	6.62	128	507483	51.82	ng	93
9) Benzaldehyde	6.37	77	220975	27.00	ng	85
10) Phenol	6.50	94	802872	60.08	ng	# 76
11) bis(2-Chloroethyl)ether	6.58	93	532927	49.96	ng	98
12) 1,3-Dichlorobenzene	6.77	146	547834m	47.76	ng	
13) 1,4-Dichlorobenzene	6.85	146	569340	49.04	ng	94
14) 1,2-Dichlorobenzene	7.00	146	492777	44.39	ng	97
15) Benzyl Alcohol	6.99	79	424880	50.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	875410	47.24	ng	98
17) 2-Methylphenol	7.10	107	439630	52.33	ng	98
18) Hexachloroethane	7.34	117	178092	44.94	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	381113	52.41	ng	96
20) 3+4-Methylphenols	7.26	107	532638	53.02	ng	# 82
22) Acetophenone	7.25	105	675133	50.19	ng	# 96
24) Nitrobenzene	7.42	77	523678	48.21	ng	99
25) Isophorone	7.66	82	1037735	52.64	ng	95
26) 2-Nitrophenol	7.74	139	283880	54.97	ng	97
27) 2,4-Dimethylphenol	7.79	122	484325	53.40	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	673993	51.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	445966	52.73	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	432884	47.49	ng	# 96
31) Naphthalene	8.14	128	1381515	46.26	ng	99
32) Benzoic acid	7.92	122	139342	30.24	ng	98
33) 4-Chloroaniline	8.20	127	121498	10.37	ng	96
34) Hexachlorobutadiene	8.27	225	222514	44.37	ng	96
35) Caprolactam	8.59	113	150451m	56.55	ng	
36) 4-Chloro-3-methylphenol	8.70	107	508556	57.67	ng	93
37) 2-Methylnaphthalene	8.84	142	975486	50.87	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	413884	49.69	ng	99
40) Hexachlorocyclopentadiene	8.99	237	305670	81.33	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317102	57.93	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	310760	51.82	nq #	88
45) 1,1'-Biphenyl	9.31	154	1154791	53.74	nq	100
46) 2-Chloronaphthalene	9.33	162	949321	56.48	nq	98
47) 2-Nitroaniline	9.44	65	335478	59.36	nq #	86
48) Acenaphthylene	9.74	152	1336171	46.01	nq	99
49) Dimethylphthalate	9.62	163	1404809	70.28	nq	100
50) 2,6-Dinitrotoluene	9.68	165	224603	52.03	nq #	80
51) Acenaphthene	9.92	154	821524	47.32	nq	97
52) 3-Nitroaniline	9.85	138	120189	24.33	nq	85
53) 2,4-Dinitrophenol	9.96	184	237145	106.34	nq #	81
54) Dibenzofuran	10.09	168	1082072	46.60	nq	96
55) 4-Nitrophenol	10.03	139	382348	107.46	nq #	73
56) 2,4-Dinitrotoluene	10.09	165	313906	54.62	nq	90
57) Fluorene	10.43	166	882464	49.40	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	245810	61.44	nq	97
59) Diethylphthalate	10.32	149	1038937	55.16	nq	94
60) 4-Chlorophenyl-phenylether	10.42	204	386807	45.07	nq	93
61) 4-Nitroaniline	10.46	138	249354	49.28	nq	93
62) Azobenzene	10.58	77	1081522	55.58	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	184802	56.55	nq	94
65) n-Nitrosodiphenylamine	10.54	169	788922	46.41	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	253282	45.56	nq	95
67) Hexachlorobenzene	10.98	284	258656	47.08	nq	98
68) Atrazine	11.07	200	257508	47.20	nq	100
69) Pentachlorophenol	11.17	266	258851	90.25	nq	97
70) Phenanthrene	11.39	178	1311655	43.02	nq	99
71) Anthracene	11.45	178	1473774	48.14	nq	98
72) Carbazole	11.60	167	1263931	43.19	nq	99
73) Di-n-butylphthalate	11.93	149	1504030	47.52	nq #	97
74) Fluoranthene	12.58	202	1429881	45.47	nq	96
76) Benzidine	12.71	184	382993	20.34	nq	96
77) Pyrene	12.81	202	1428801	43.20	nq	99
79) Butylbenzylphthalate	13.43	149	676681	50.39	nq	88
80) Benzo(a)anthracene	14.00	228	1081532	40.01	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	174760	18.14	nq #	94
82) Chrysene	14.03	228	1028642	40.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	891261	48.53	nq #	96
84) Di-n-octyl phthalate	14.59	149	1432213	47.89	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	807504	41.20	nq #	94
87) Benzo(b)fluoranthene	15.03	252	943173m	45.02	nq	
88) Benzo(k)fluoranthene	15.05	252	904966m	50.02	nq	
89) Benzo(a)pyrene	15.38	252	866595	47.82	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	674429	46.04	nq	98
91) Benzo(g,h,i)perylene	17.27	276	693950	46.90	nq #	91

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

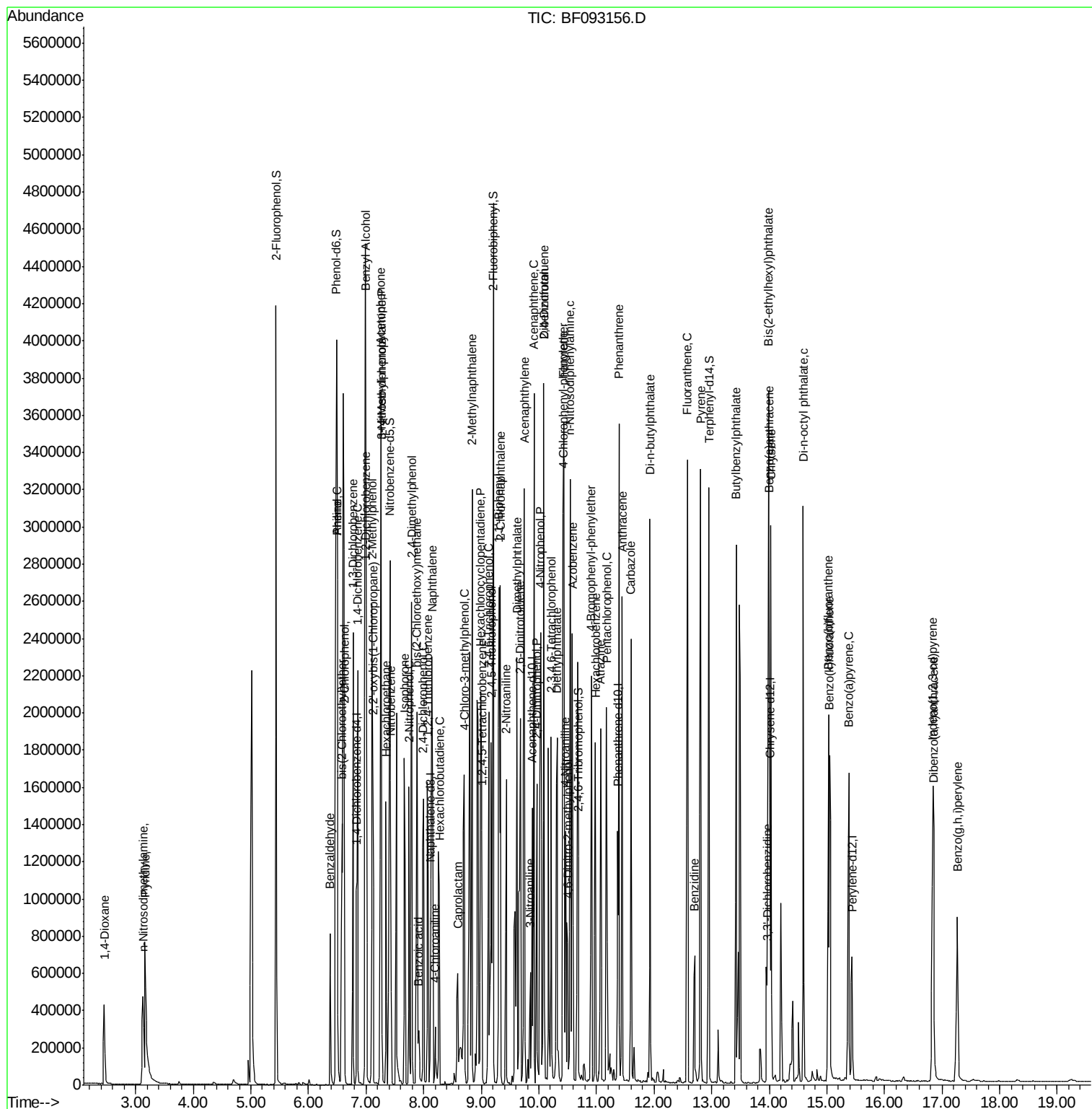
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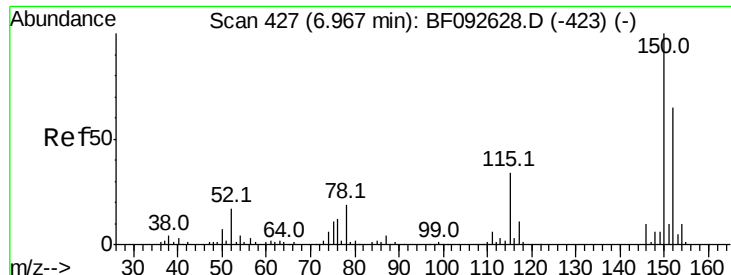
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

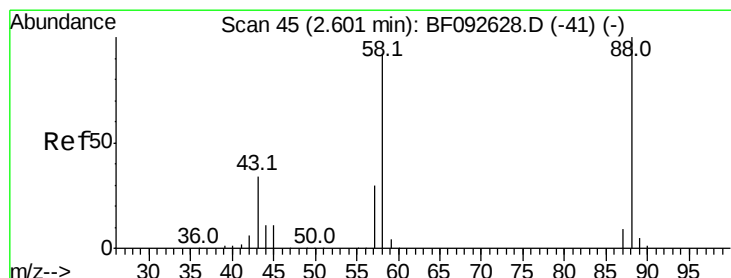
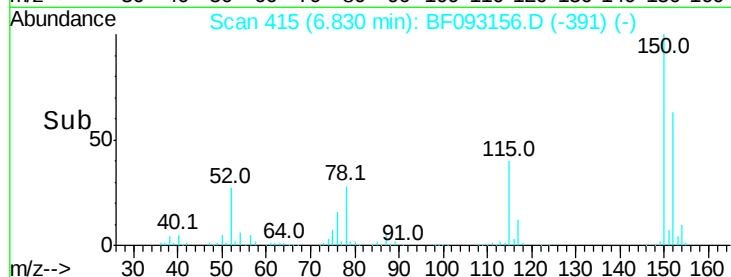
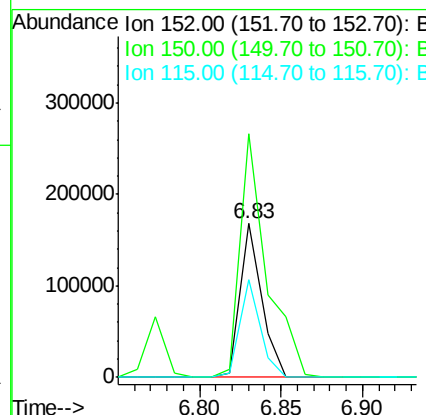
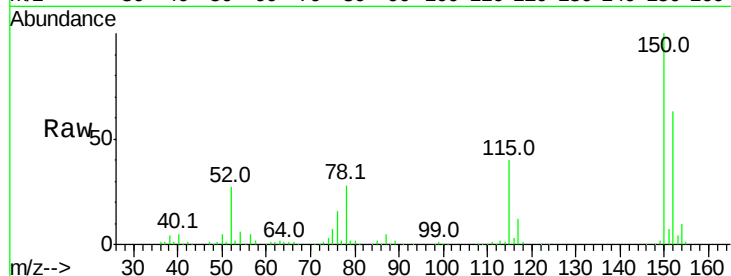
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	63.7	46.0	69.0

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#2

1,4-Dioxane

Concen: 43.83 ng

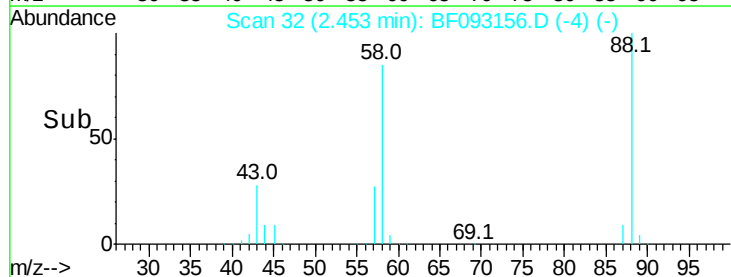
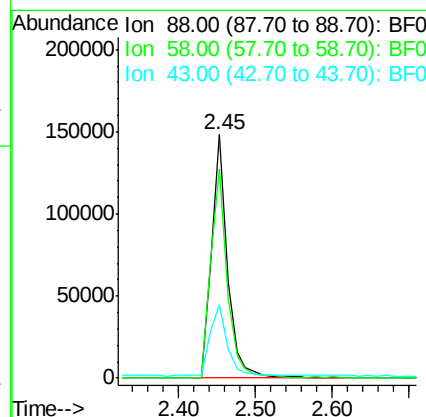
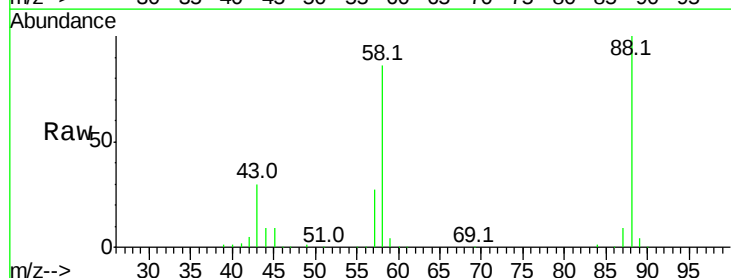
RT: 2.45 min Scan# 32

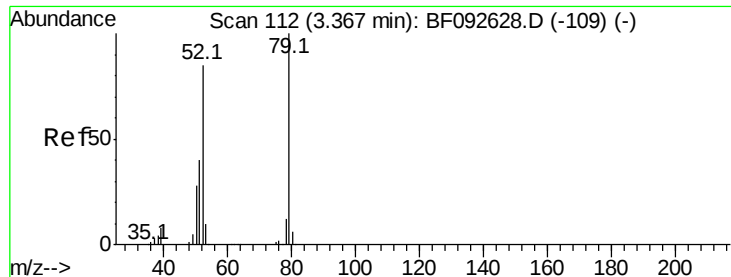
Delta R.T. 0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	57.8	86.8#
43	31.9	22.3	33.5





#3

Pvridine

Concen: 44.70 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

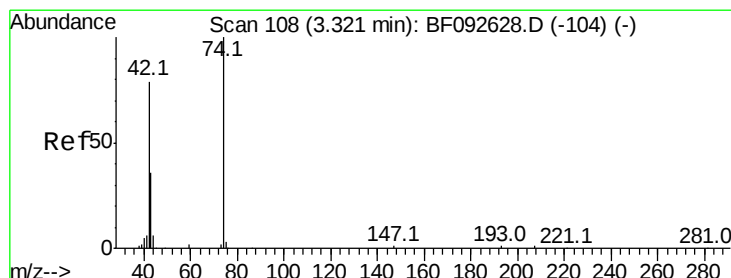
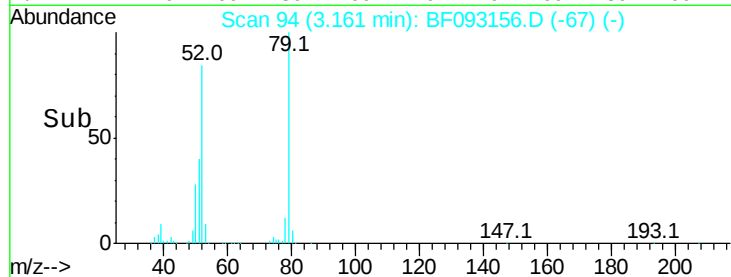
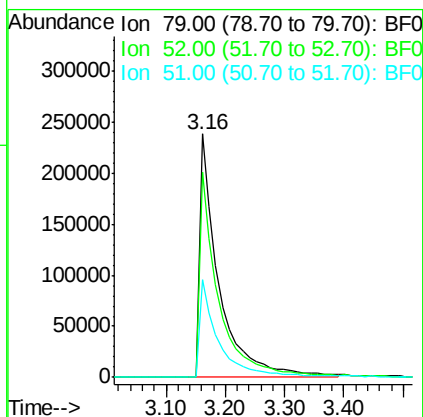
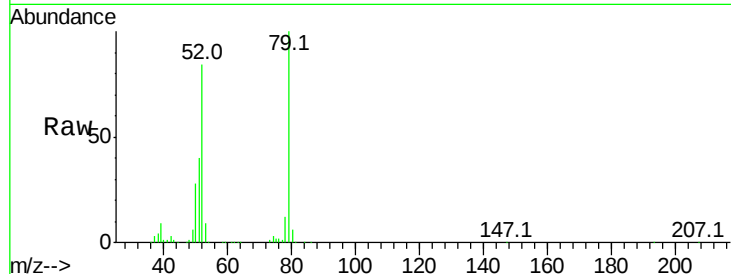
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	79	Resp:	545170
Ion Ratio	Lower	Upper	
79	100		
52	84.5	57.1	85.7
51	40.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 49.24 ng

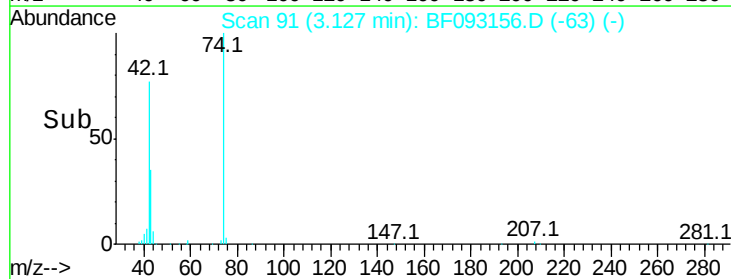
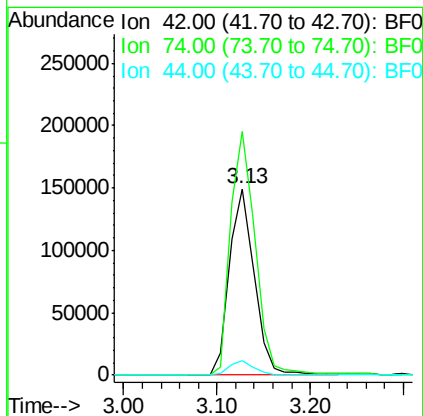
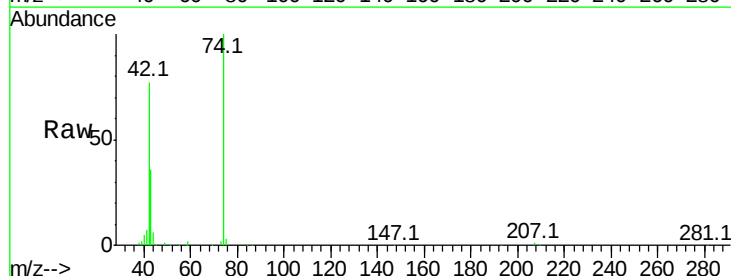
RT: 3.13 min Scan# 91

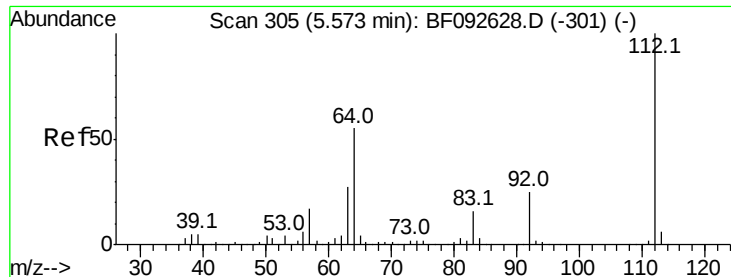
Delta R.T. 0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	42	Resp:	281983
Ion Ratio	Lower	Upper	
42	100		
74	130.7	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 144.83 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

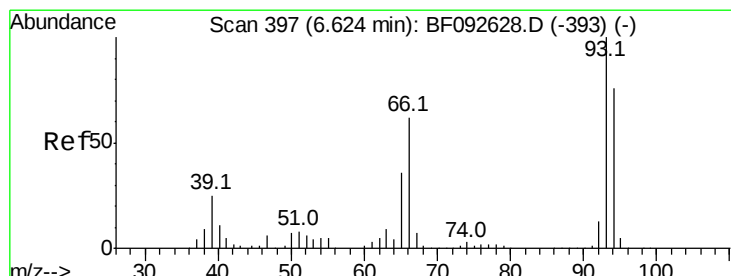
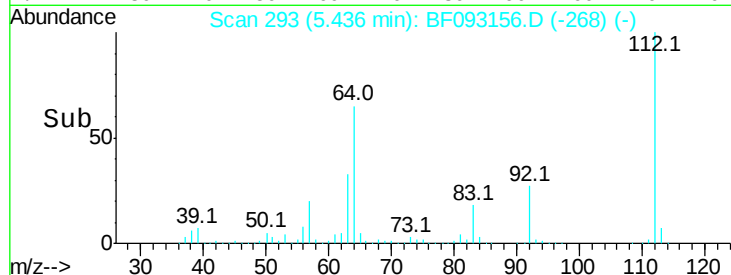
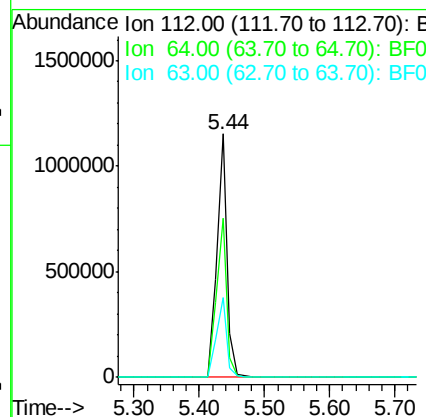
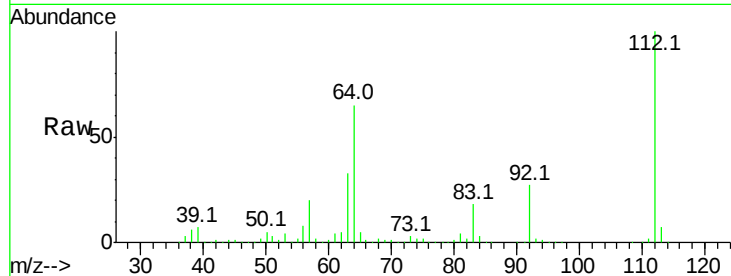
ClientSampleId :

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Tot Ion:	112	Resp:	1285669
Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.1	69.1
63	32.9	23.8	35.6

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#6

Aniline

Concen: 20.26 ng

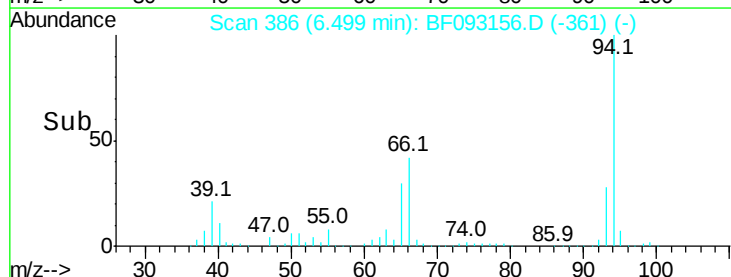
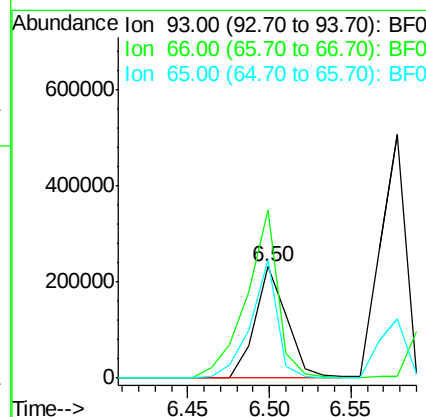
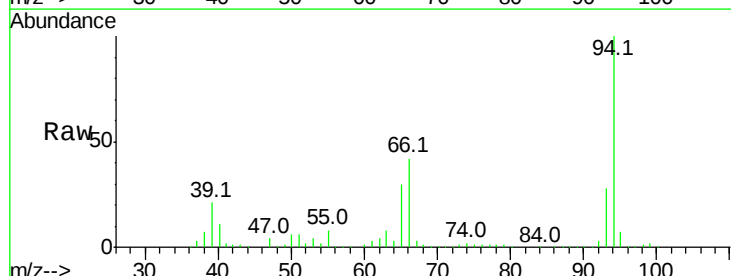
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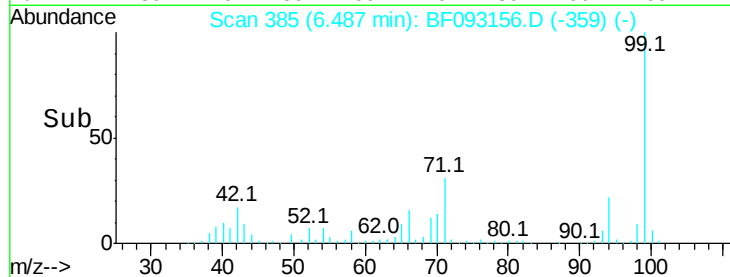
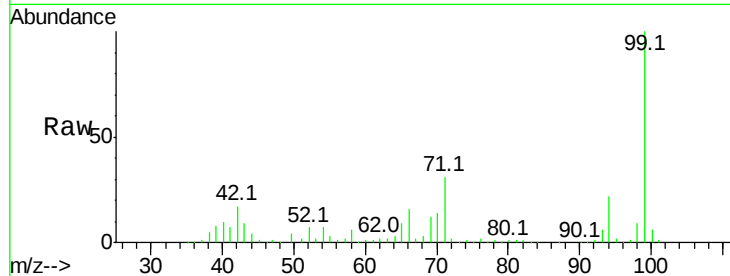
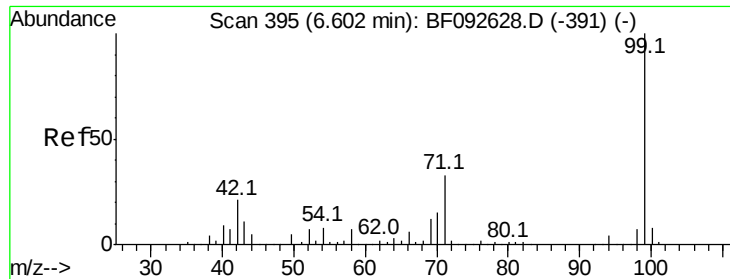
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	93	Resp:	315732
Ion	Ratio	Lower	Upper
93	100		
66	150.3	76.2	114.2#
65	105.8	49.3	73.9#





#7

Phenol-d6

Concen: 158.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tot Ion:	99	Resp:	1815540
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.6	23.4
71	30.9	27.5	41.3

Instrument :

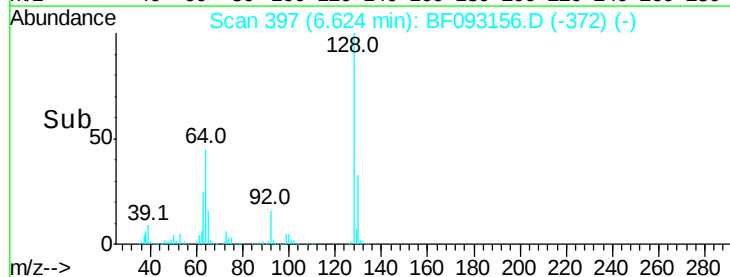
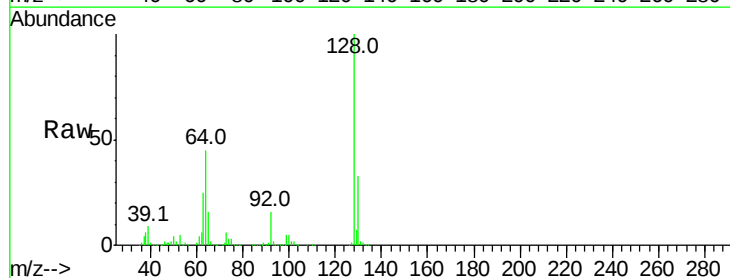
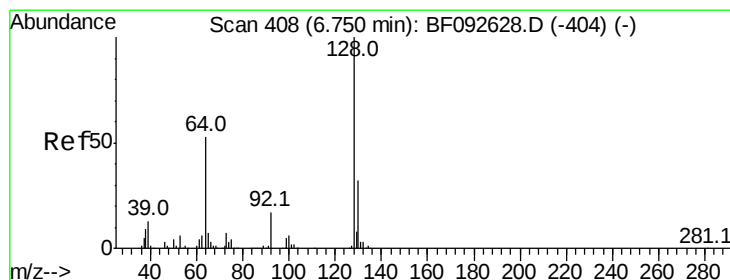
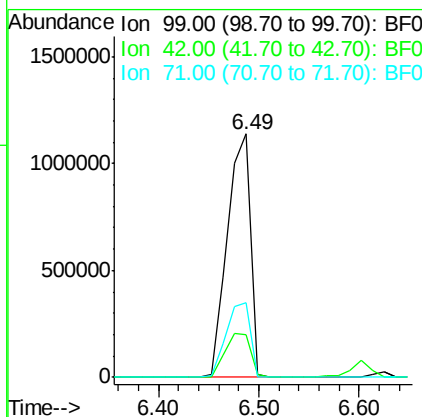
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 51.82 ng

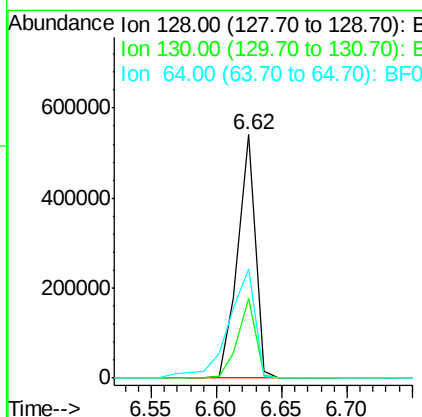
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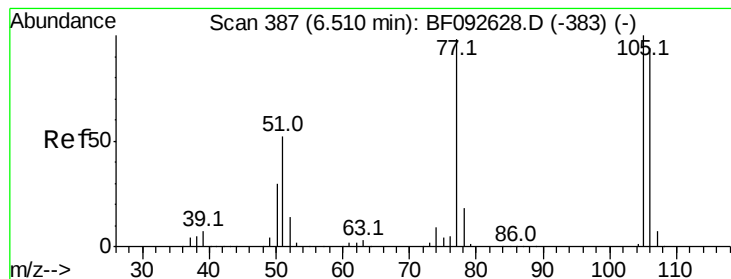
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	128	Resp:	507483
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	44.8	32.2	72.2





#9

Benzaldehyde

Concen: 27.00 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

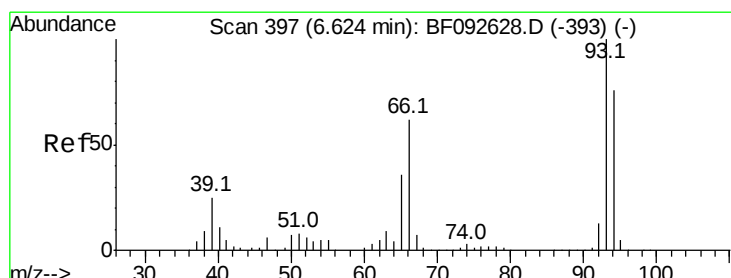
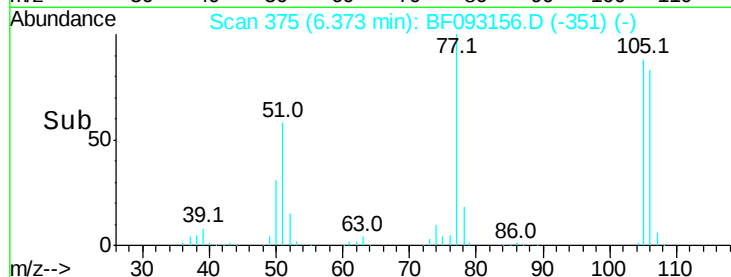
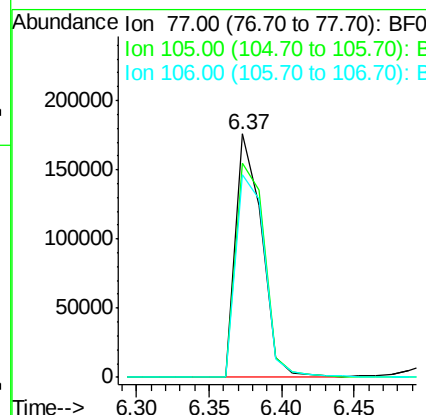
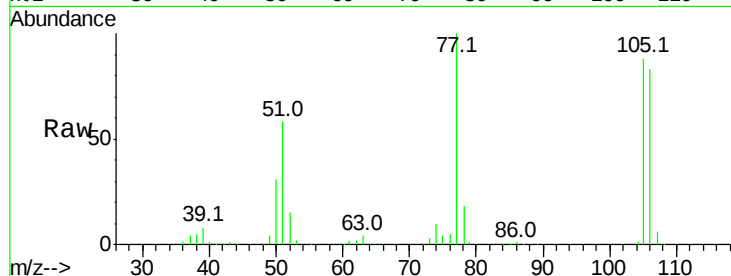
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Tot Ion:	77	Resp:	220975
Ion Ratio	Lower	Upper	
77	100		
105	87.9	83.9	123.9
106	83.0	77.6	117.6

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#10

Phenol

Concen: 60.08 ng

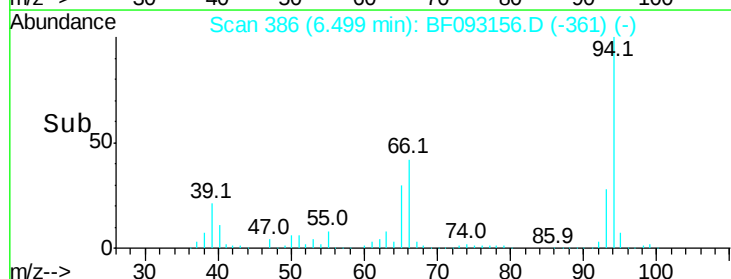
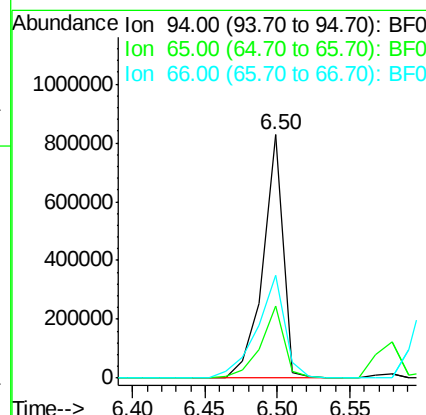
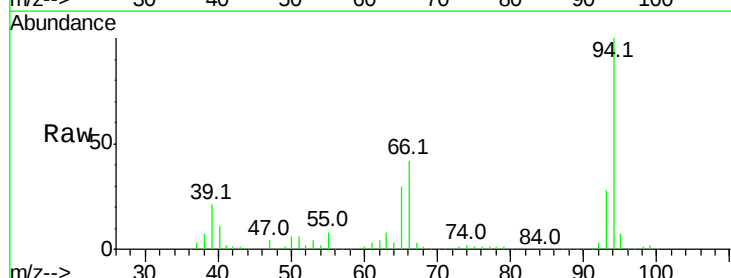
RT: 6.50 min Scan# 386

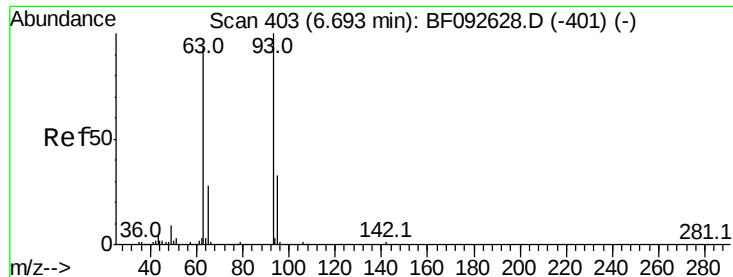
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	94	Resp:	802872
Ion Ratio	Lower	Upper	
94	100		
65	29.7	21.4	61.4
66	42.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 49.96 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

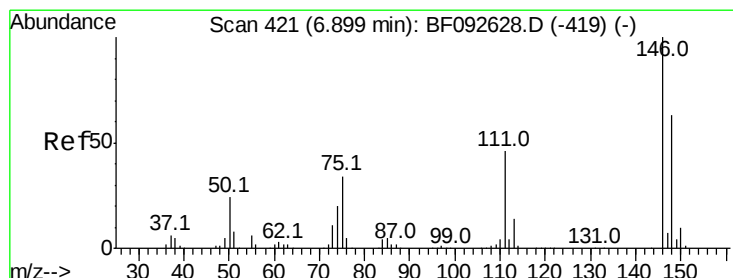
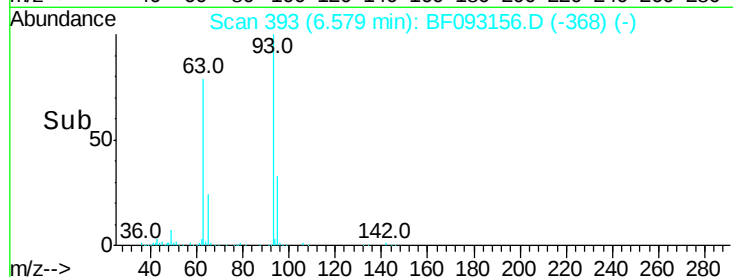
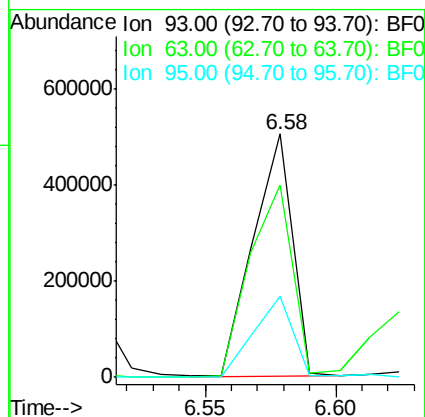
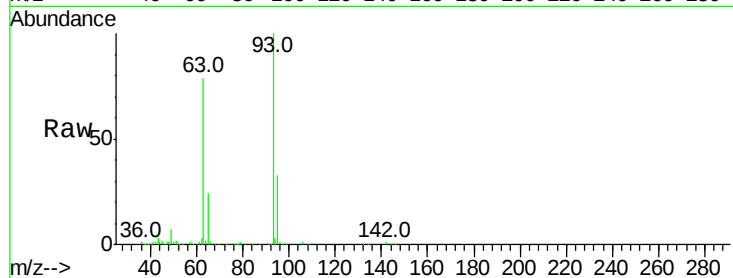
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	93	Resp:	532927
Ion Ratio	Lower	Upper	
93	100		
63	78.9	60.4	100.4
95	33.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 47.76 ng m

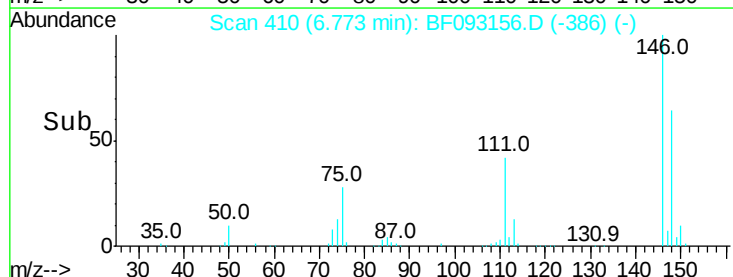
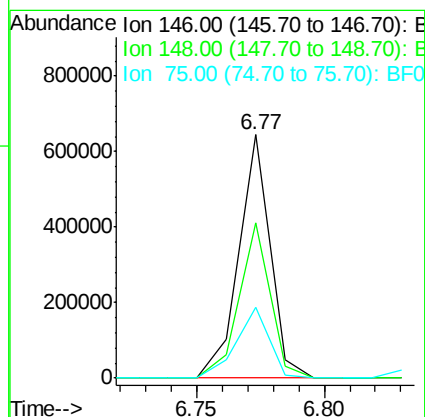
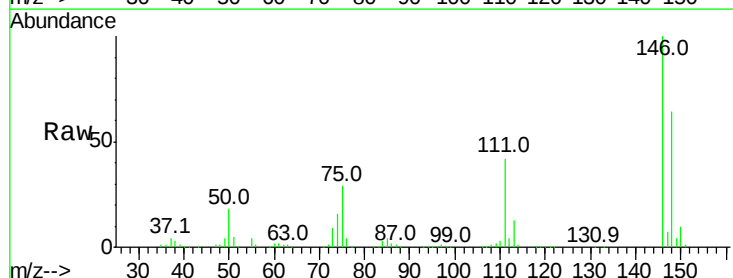
RT: 6.77 min Scan# 410

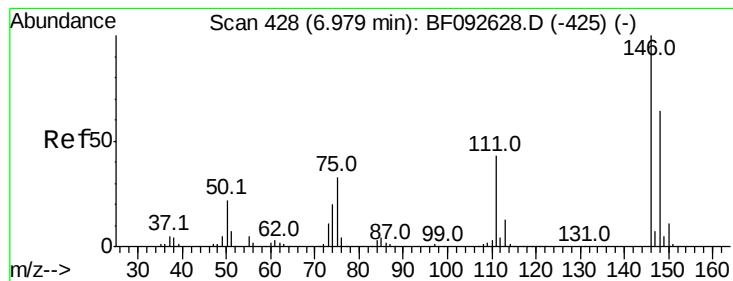
Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	146	Resp:	547834
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.4	80.0
75	28.9	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 49.04 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

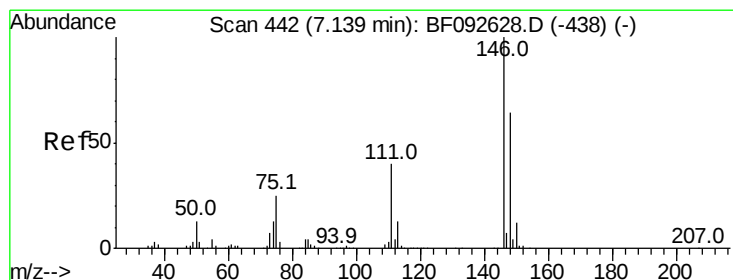
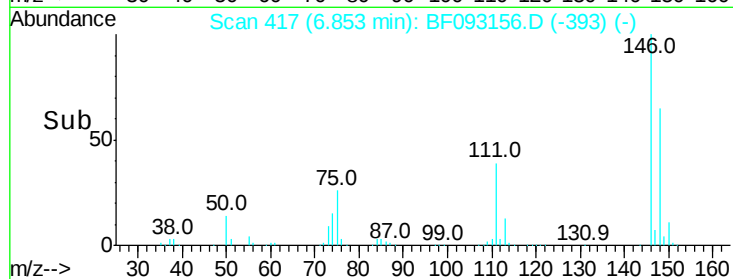
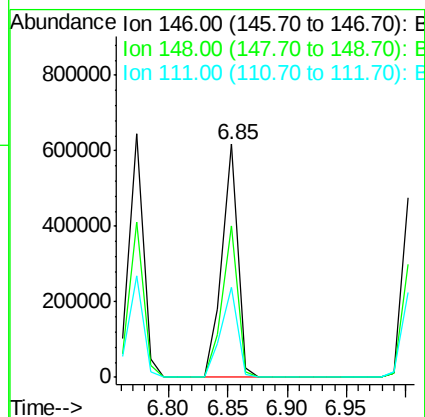
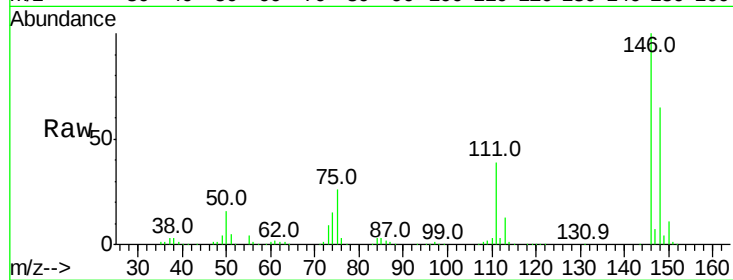
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	146	Resp:	569340
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	76.0
111	38.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 44.39 ng

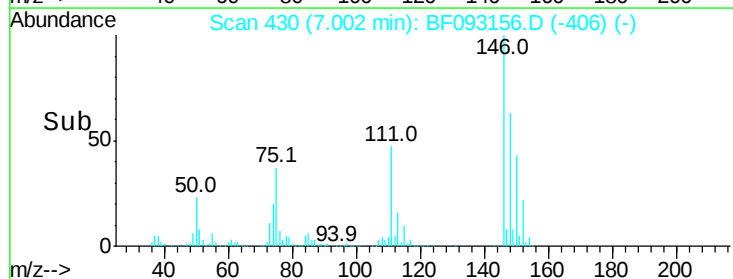
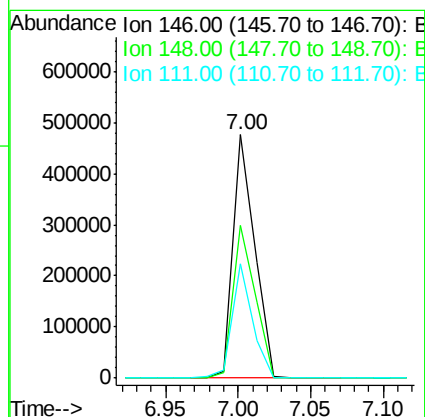
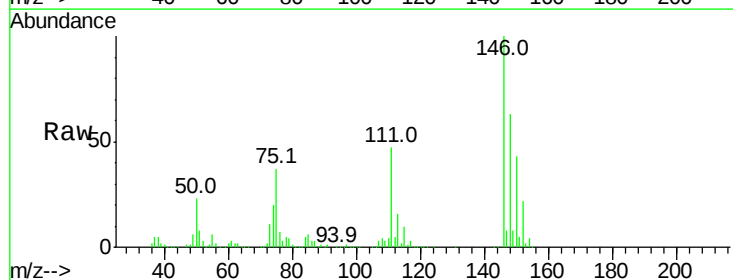
RT: 7.00 min Scan# 430

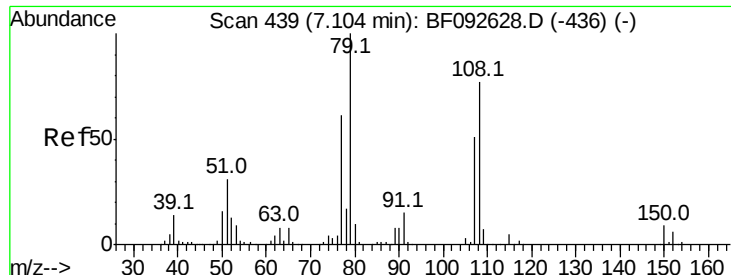
Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	146	Resp:	492777
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	47.0	36.2	54.2





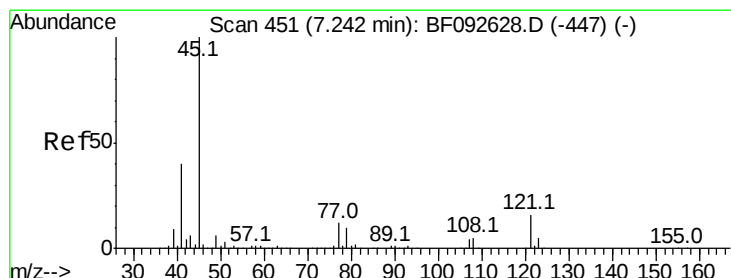
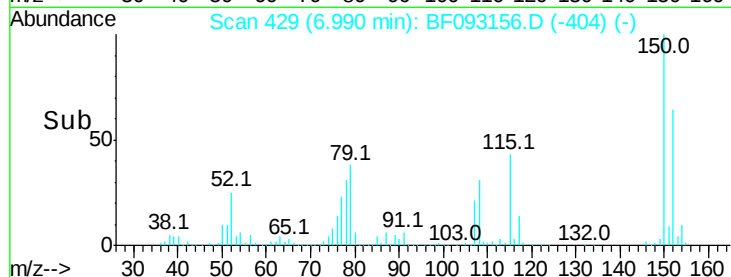
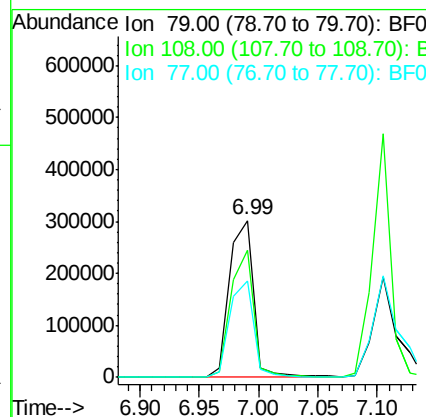
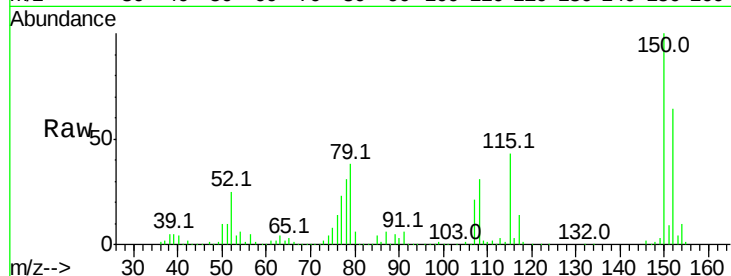
#15
Benzyl Alcohol
Concen: 50.24 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	61.4	92.0
77	61.8	50.9	76.3

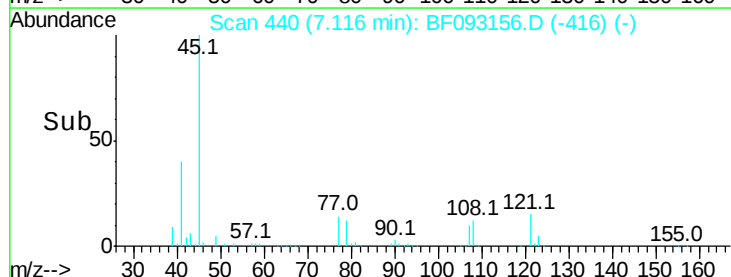
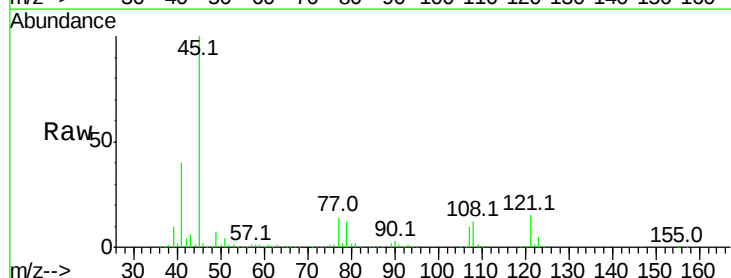
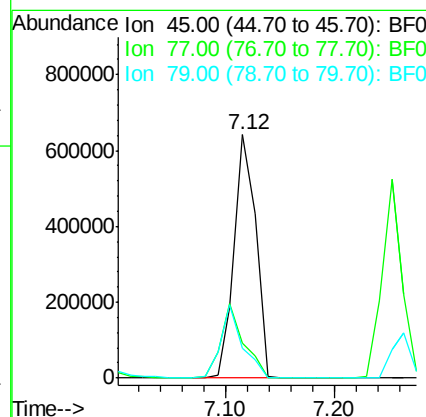
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.24 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	34.6
79	12.3	0.0	31.2





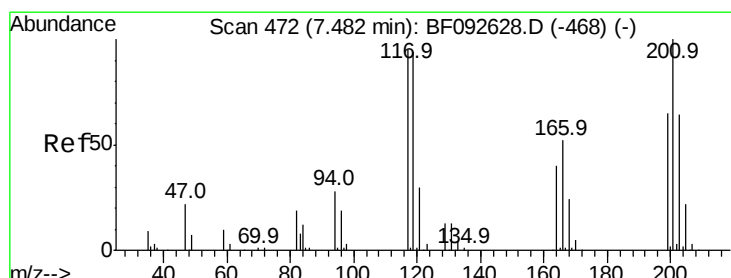
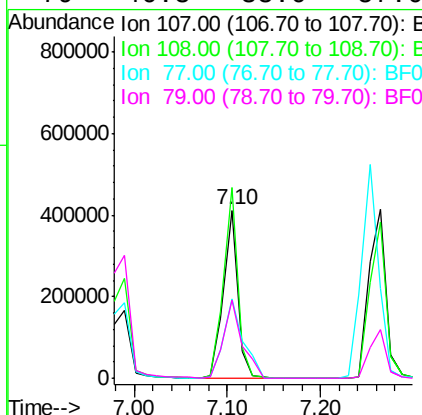
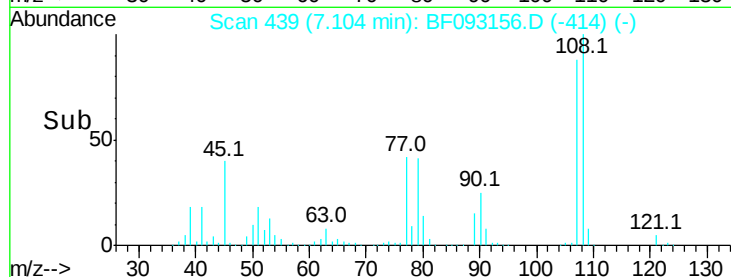
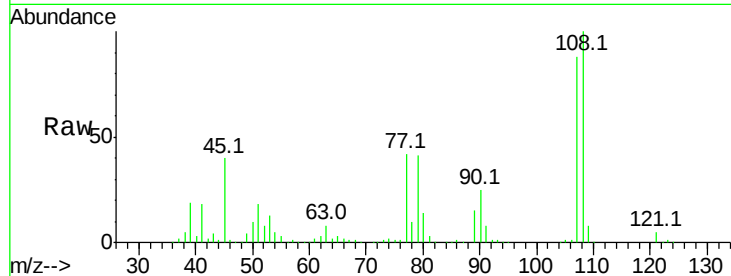
#17
2-Methylphenol
Concen: 52.33 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	439630		
108	113.8	93.0	139.6	
77	47.6	39.8	59.8	
79	46.8	38.0	57.0	

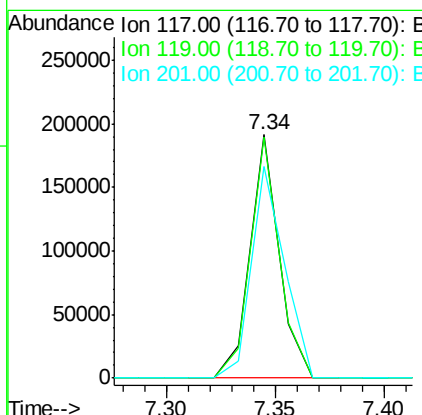
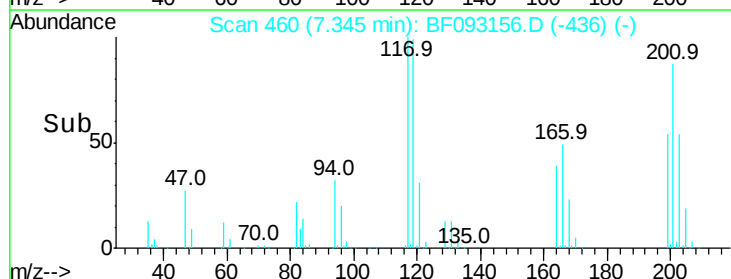
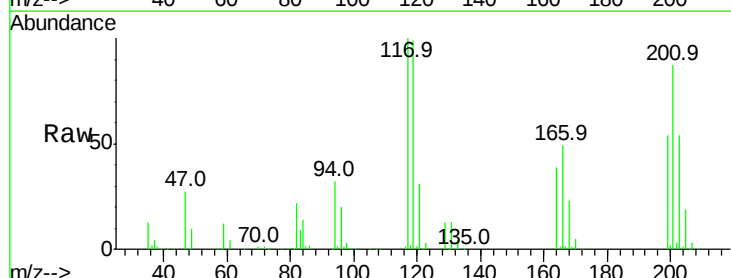
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#18
Hexachloroethane
Concen: 44.94 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178092		
119	99.0	78.1	117.1	
201	86.9	78.6	117.8	





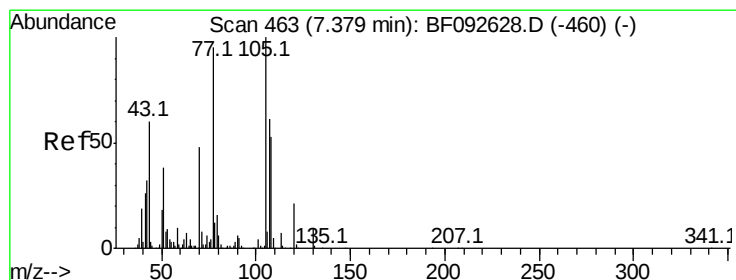
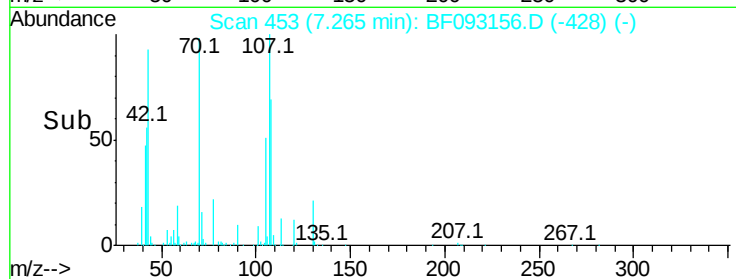
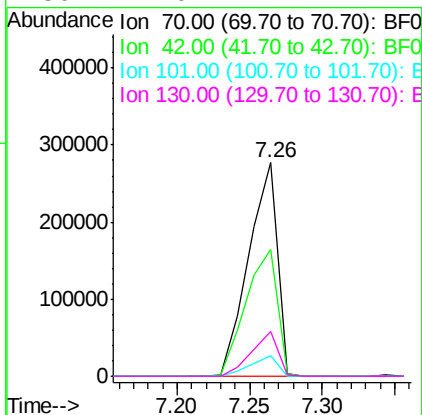
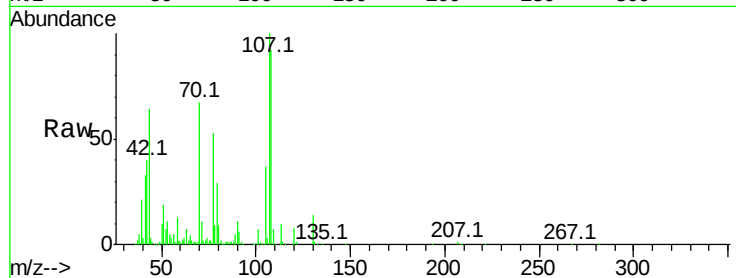
#19
n-Nitroso-di-n-propylamine
Concen: 52.41 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	70	Resp	381113
Ion Ratio	Lower	Upper	
70	100		
42	59.2	49.4	74.0
101	9.7	7.4	11.2
130	21.0	14.2	21.4

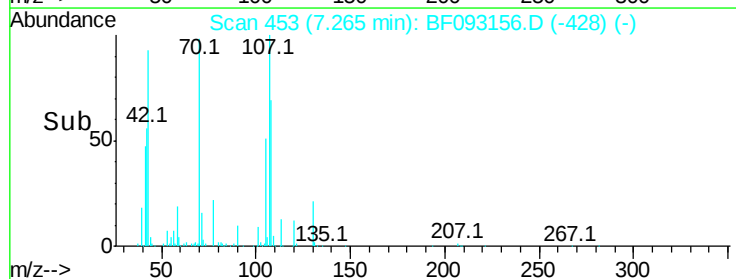
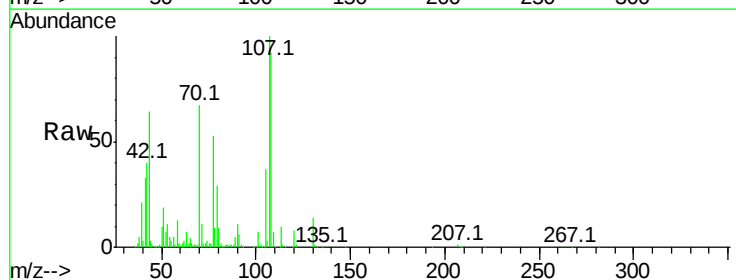
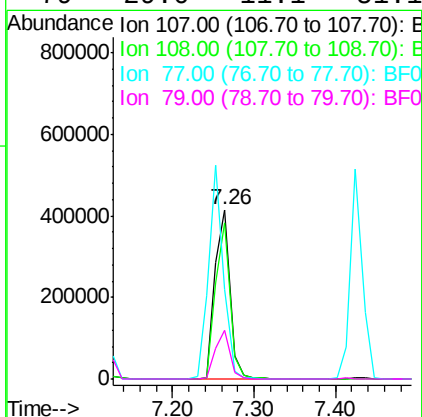
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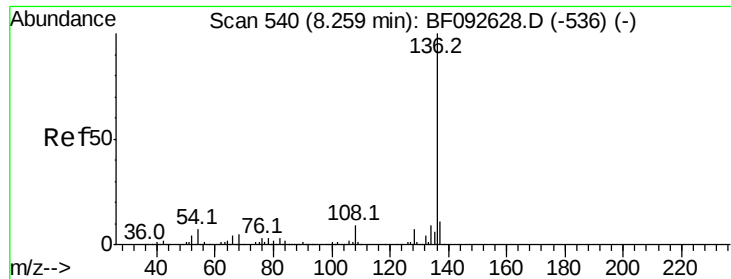
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#20
3+4-Methylphenols
Concen: 53.02 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	107	Resp	532638
Ion Ratio	Lower	Upper	
107	100		
108	92.3	73.0	113.0
77	53.1	71.3	111.3#
79	29.0	11.1	51.1





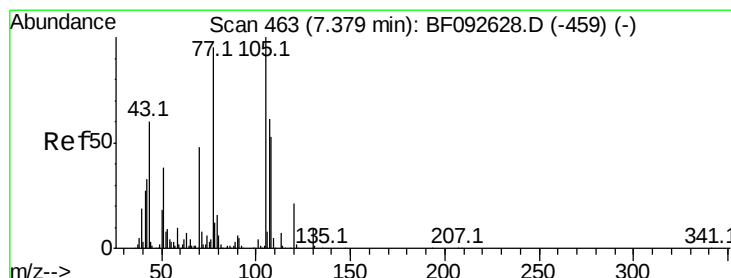
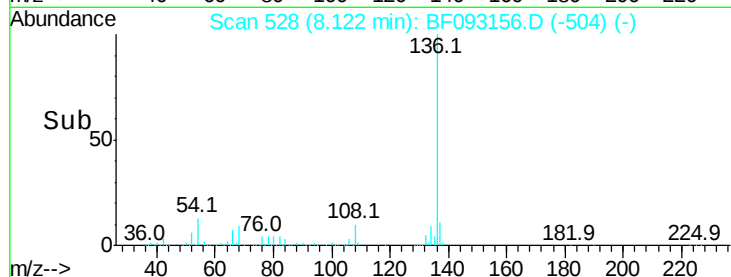
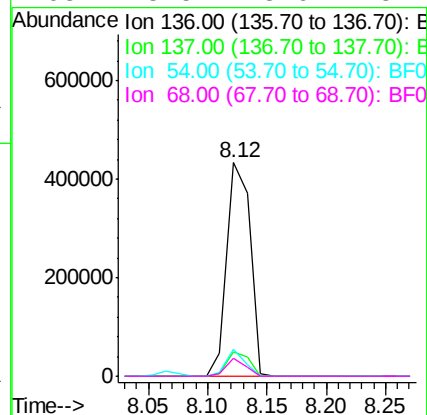
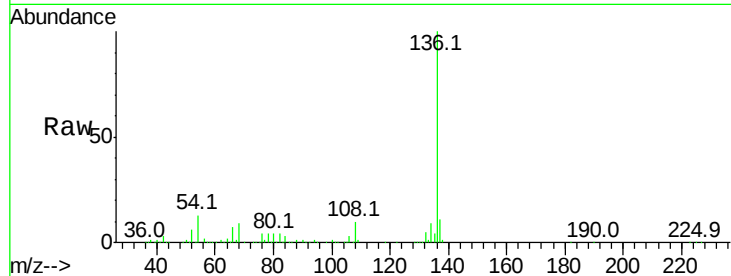
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.4	12.6	
54	12.6	4.5	6.7#	
68	8.5	3.6	5.4#	

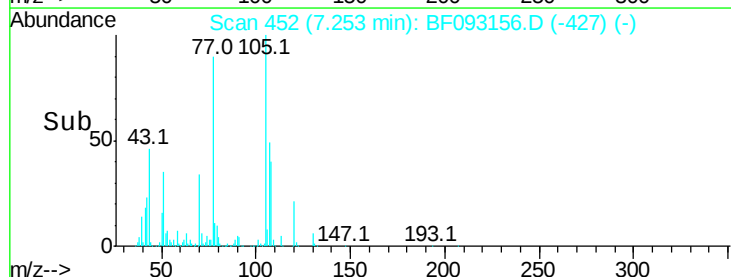
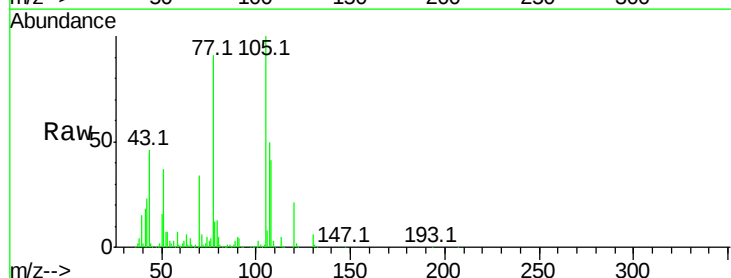
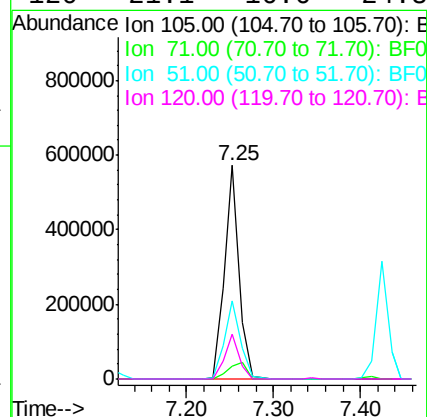
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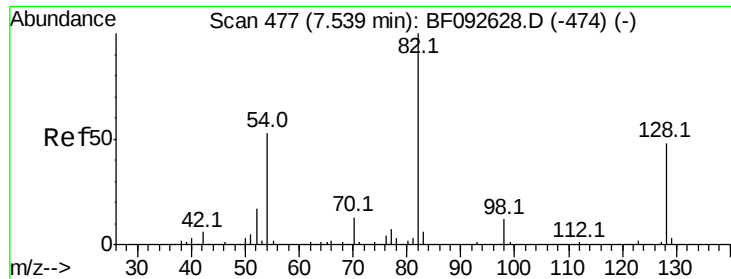
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#22
Acetophenone
Concen: 50.19 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	3.2	4.8#	
51	36.6	26.2	39.4	
120	21.1	16.6	24.8	





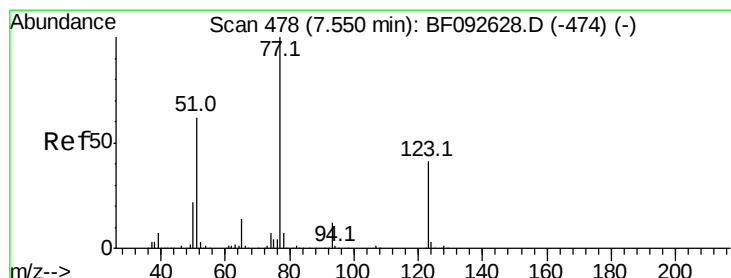
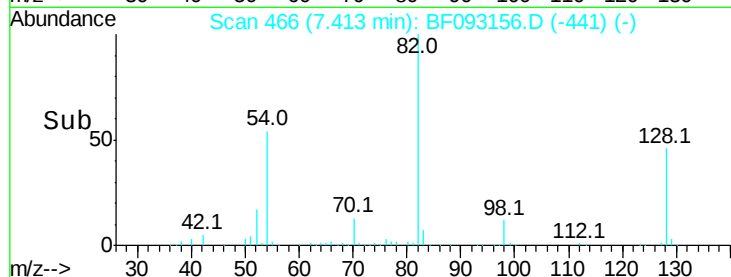
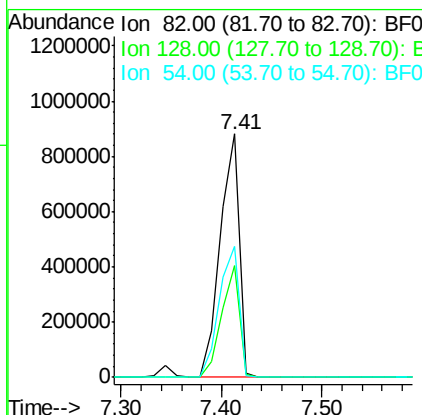
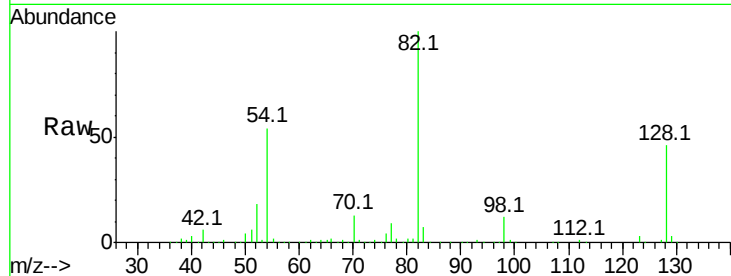
#23
 Nitrobenzene-d5
 Concen: 109.24 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion: 82 Resp: 1155762
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 52.0
 54 53.9 39.5 59.3

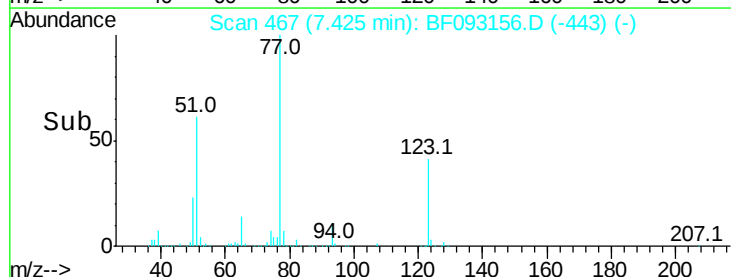
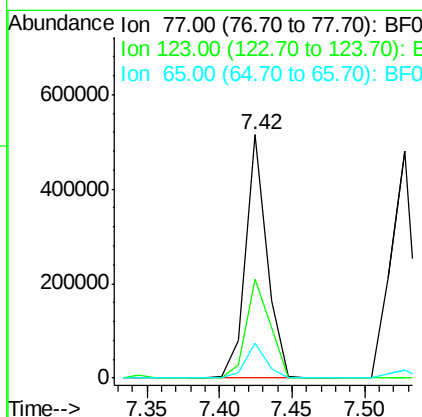
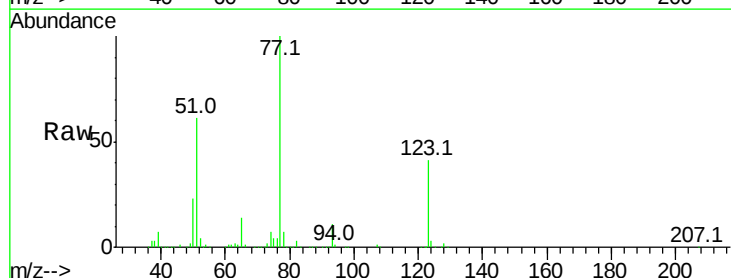
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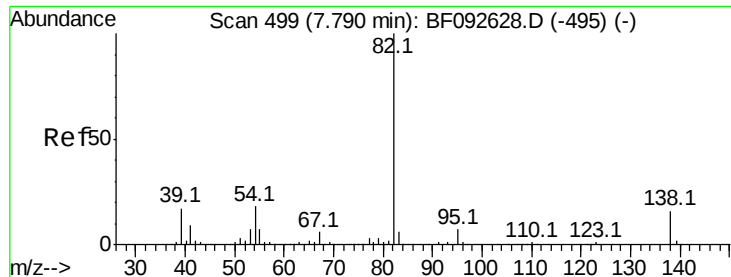
mohammad
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#24
 Nitrobenzene
 Concen: 48.21 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion: 77 Resp: 523678
 Ion Ratio Lower Upper
 77 100
 123 40.6 33.0 49.4
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 52.64 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion: 82 Resp: 1037735

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

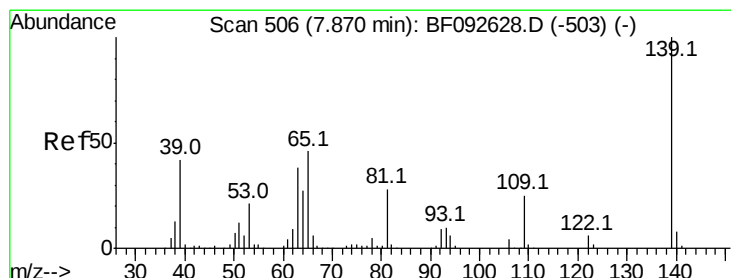
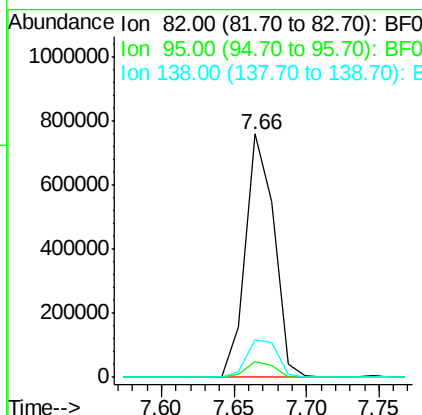
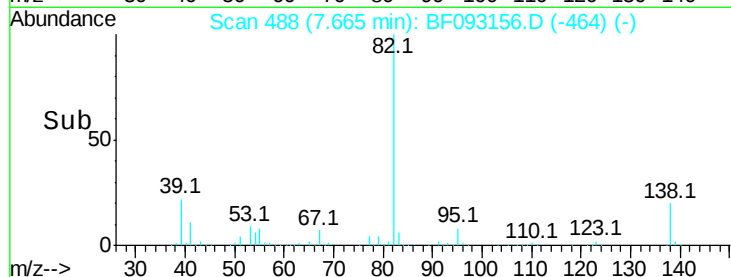
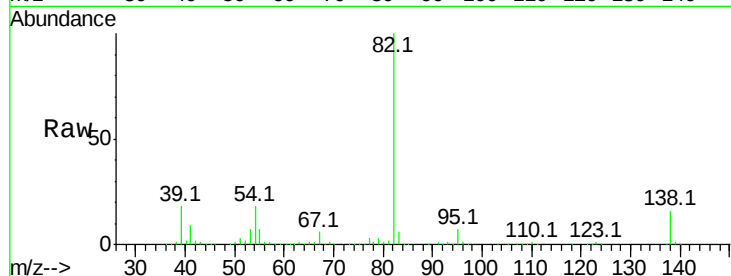
138 15.6 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.97 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

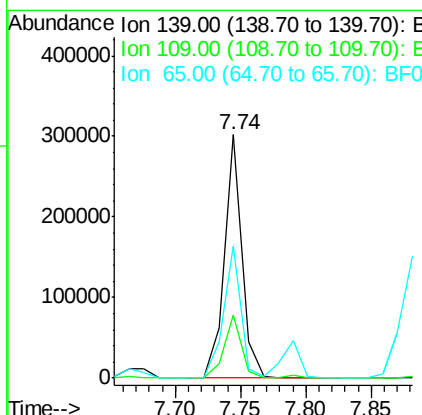
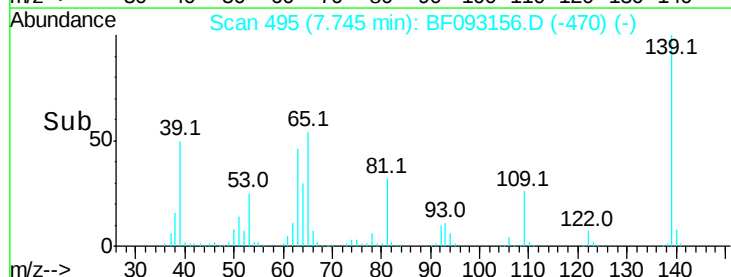
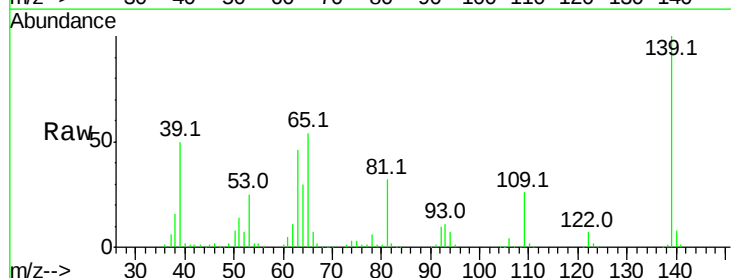
Tgt Ion: 139 Resp: 283880

Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

65 54.2 42.7 64.1





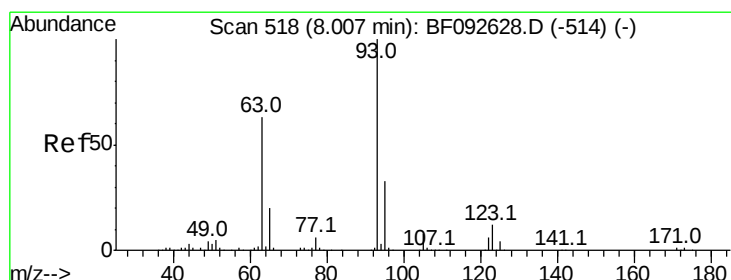
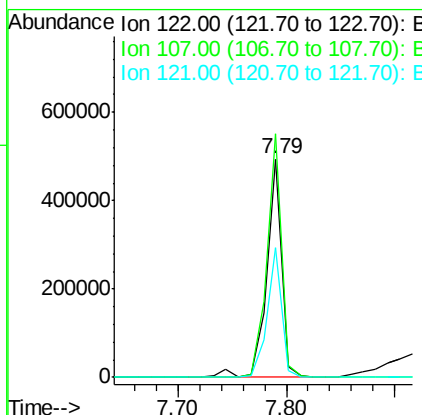
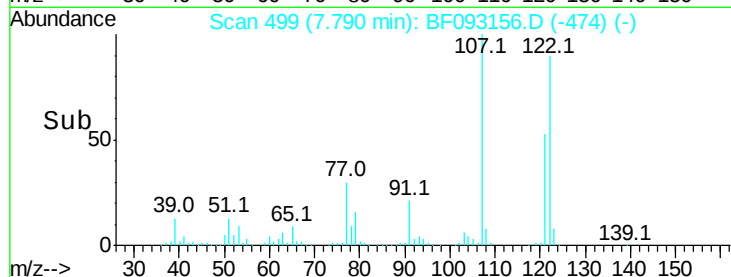
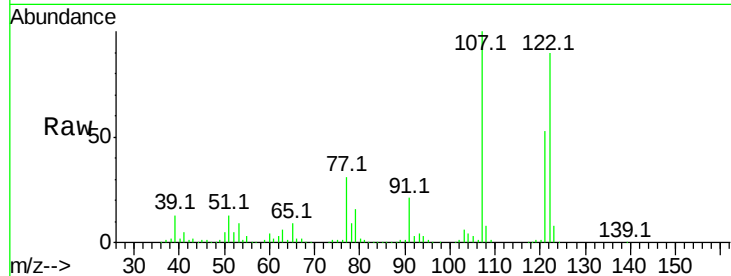
#27
 2,4-Dimethylphenol
 Concen: 53.40 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	484325		
107	111.5	94.1	141.1	
121	59.2	46.0	69.0	

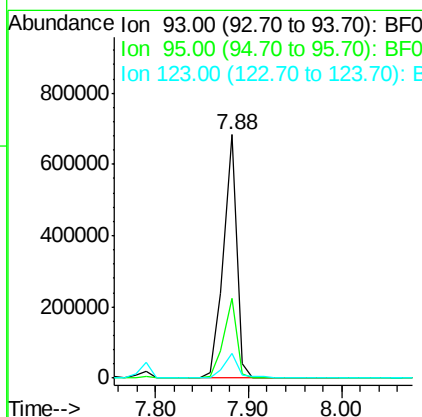
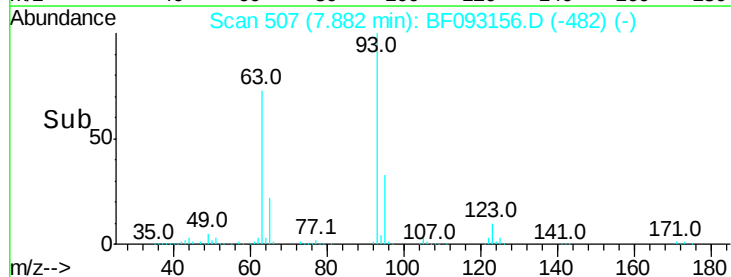
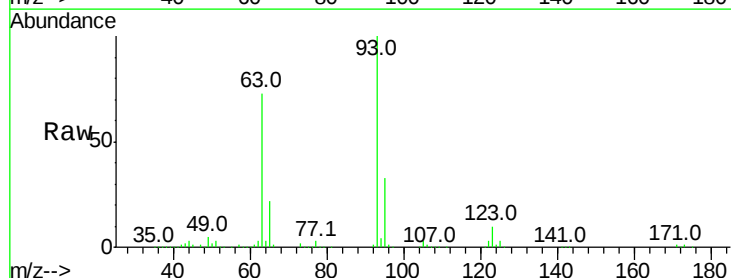
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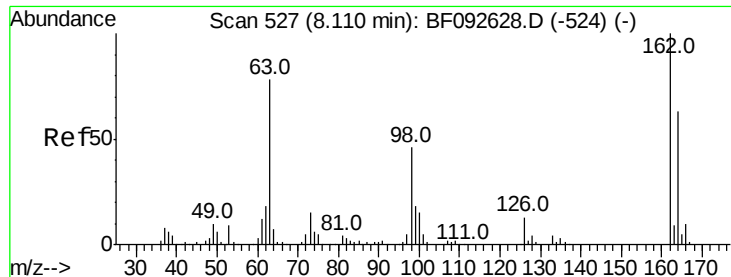
mohammad
 2/27/2017 1:07:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.62 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	673993		
95	32.8	26.5	39.7	
123	10.4	8.6	13.0	





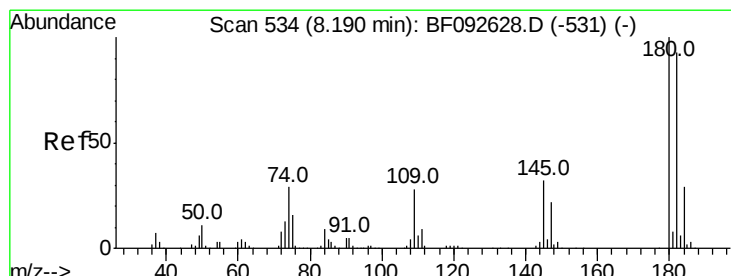
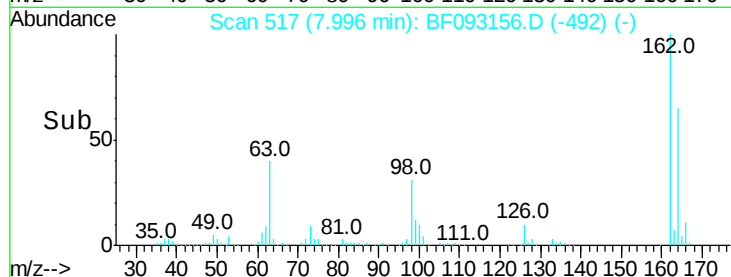
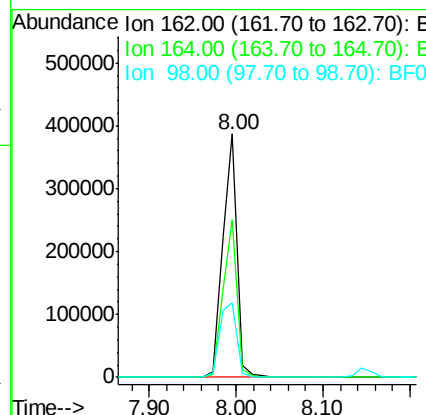
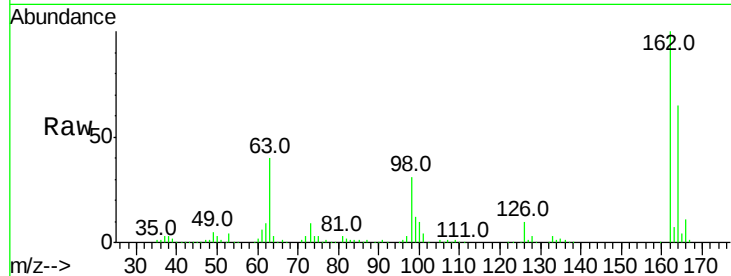
#29
 2,4-Dichlorophenol
 Concen: 52.73 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	445966		
164	65.1	46.8	86.8	
98	30.7	9.1	49.1	

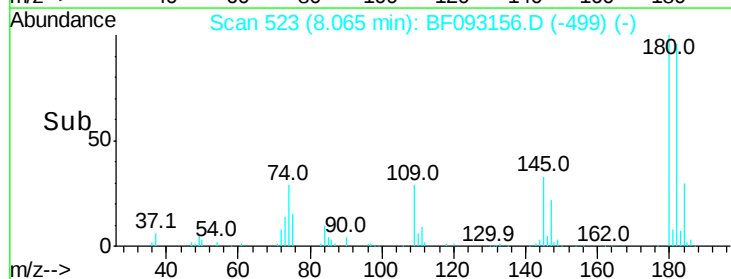
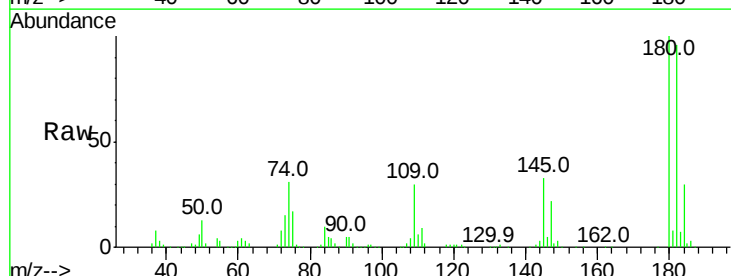
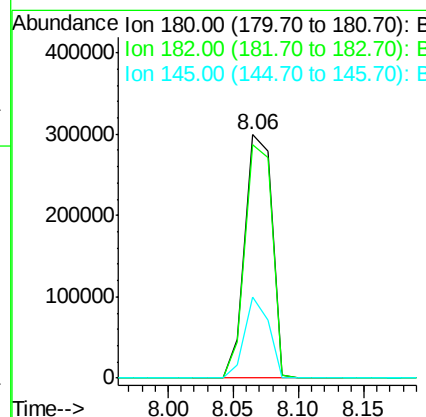
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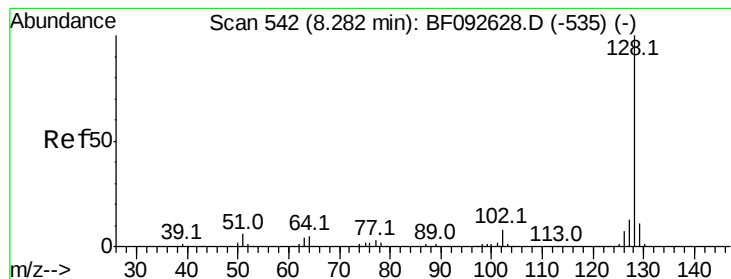
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.49 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	432884		
182	95.7	78.2	117.4	
145	33.4	21.6	32.4	





#31

Naphthalene

Concen: 46.26 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

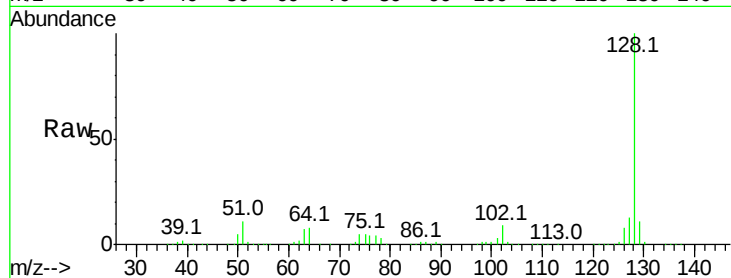
ClientSampleId :

SRI-SB-6(8-10)20170222MS

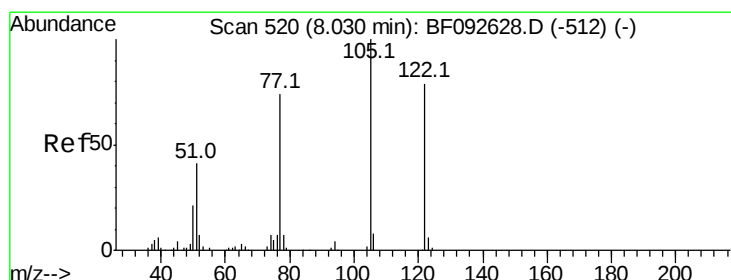
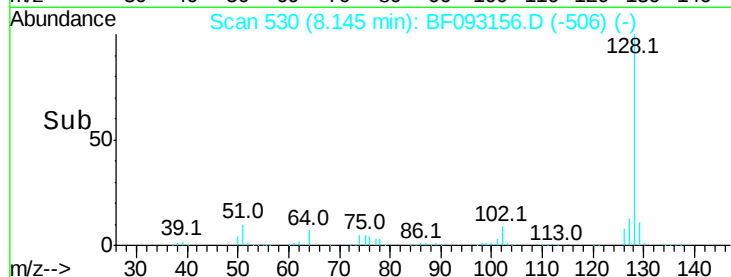
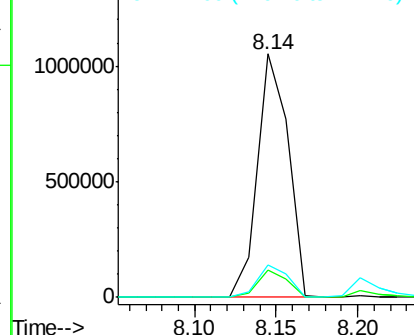
Tot Ion:	128	Resp:	1381515
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.4	10.8	16.2

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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: 30.24 ng

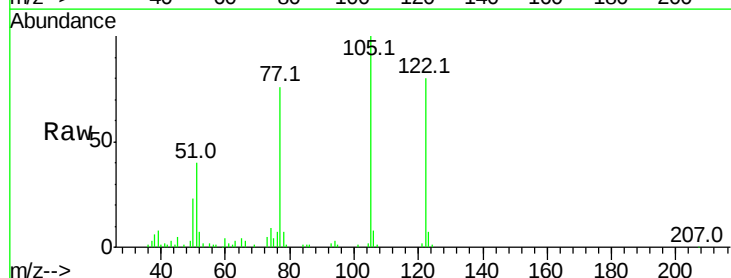
RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

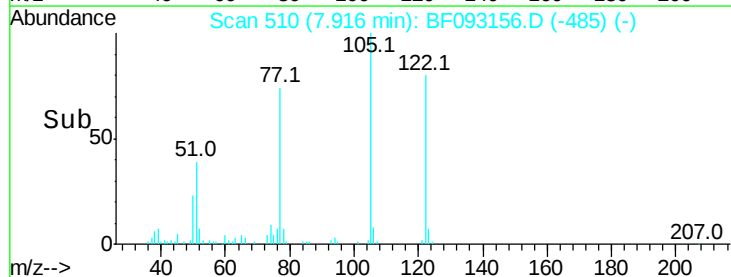
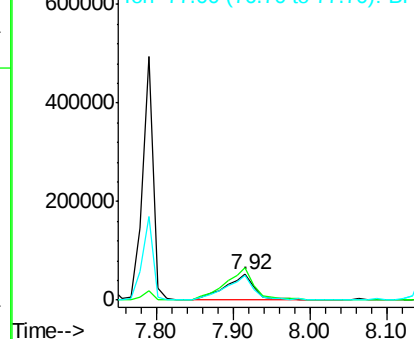
Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	122	Resp:	139342
Ion	Ratio	Lower	Upper
122	100		
105	124.9	107.2	147.2
77	95.5	74.5	114.5



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





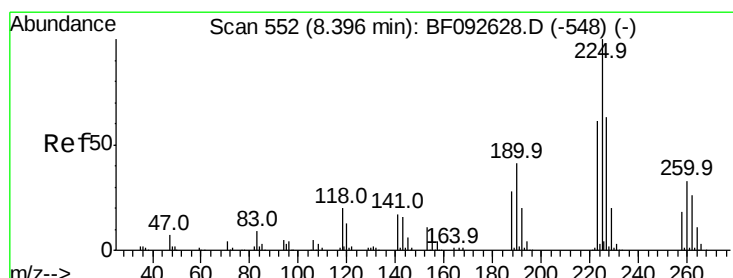
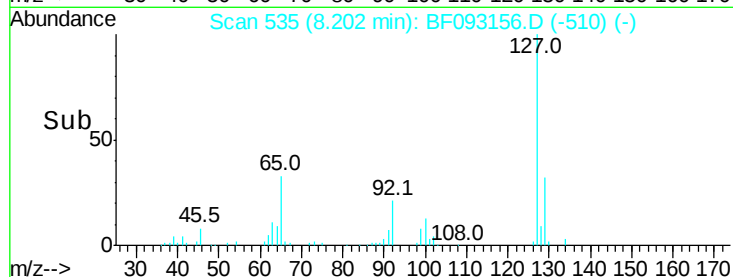
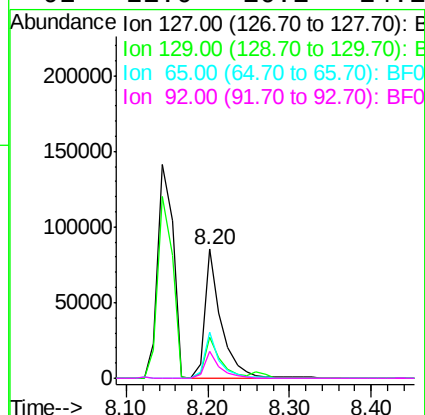
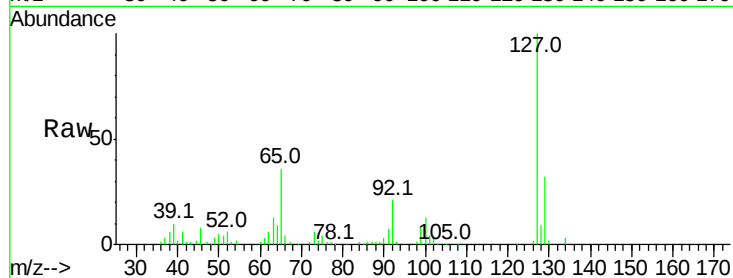
#33
4-Chloroaniline
Concen: 10.37 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	35.6	25.8	38.8
92	21.0	16.1	24.1

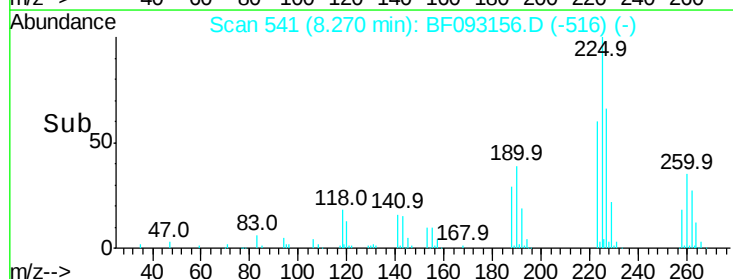
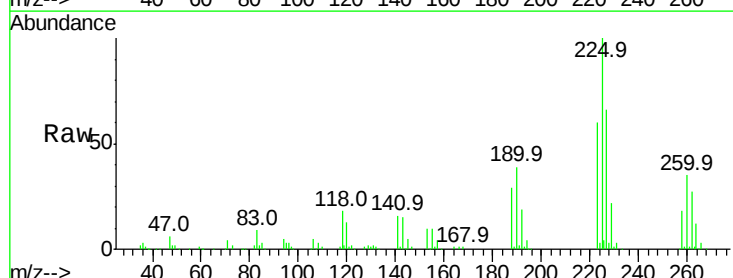
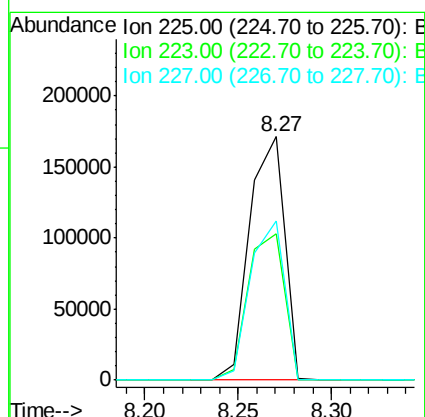
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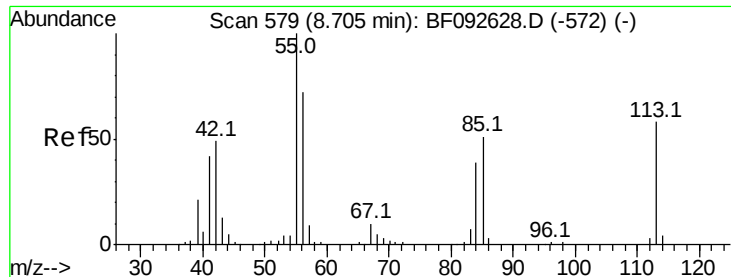
mohammad
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#34
Hexachlorobutadiene
Concen: 44.37 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.0	76.6
227	65.6	50.6	76.0





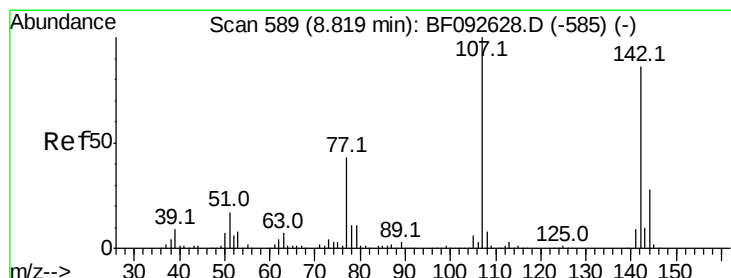
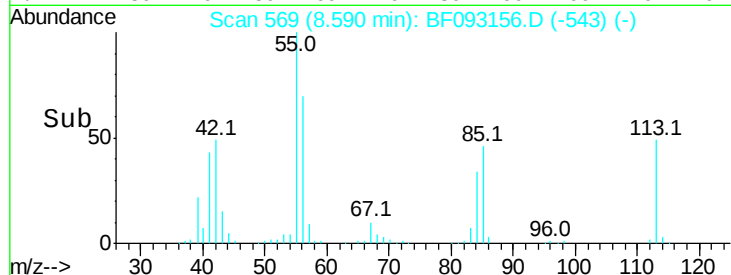
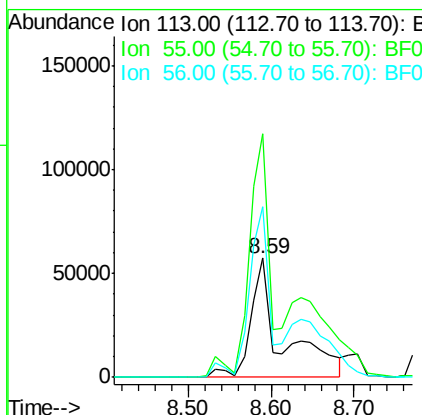
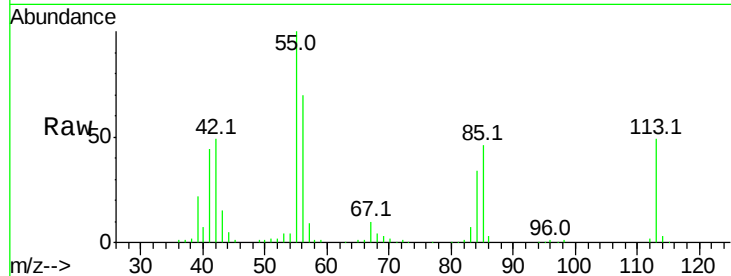
#35
Caprolactam
Concen: 56.55 ng/ml
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.0	119.2	159.2#
56	143.3	83.8	123.8#

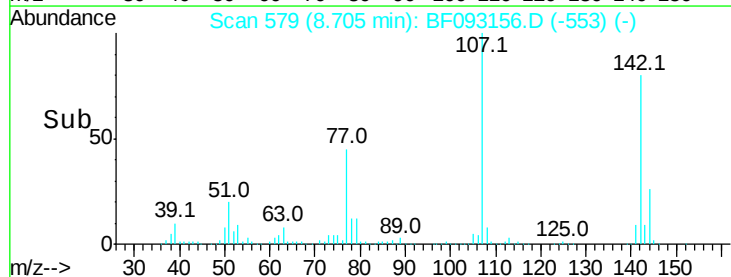
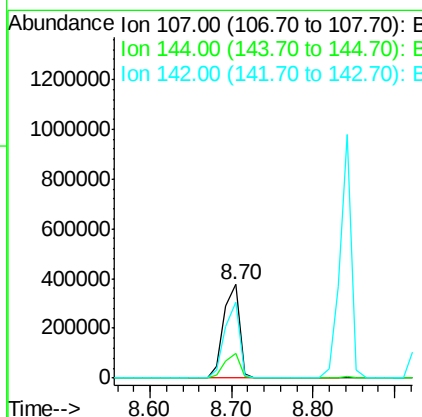
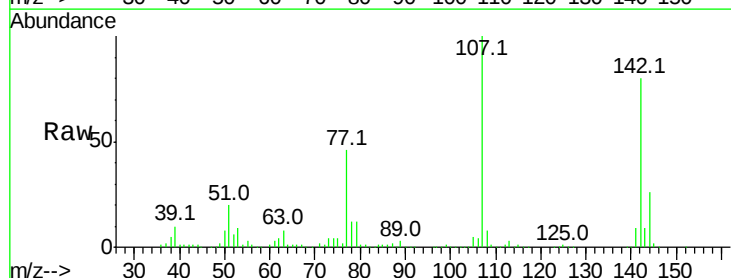
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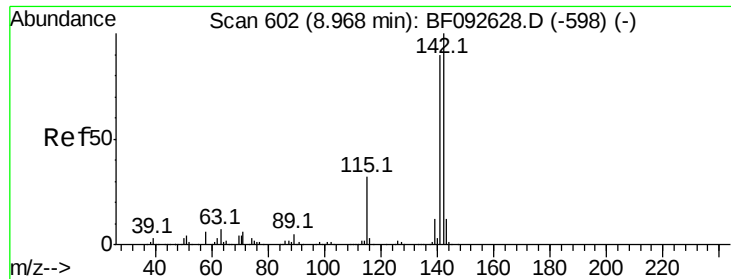
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 57.67 ng/ml
RT: 8.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.3	28.9
142	80.4	59.0	88.6





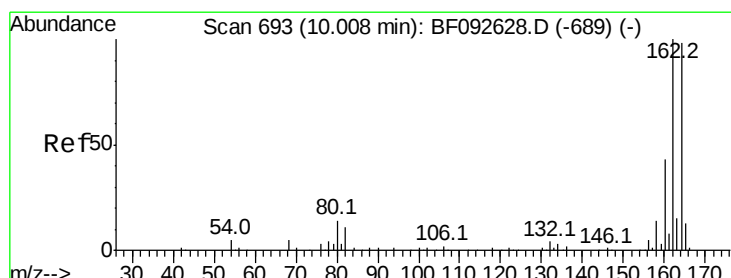
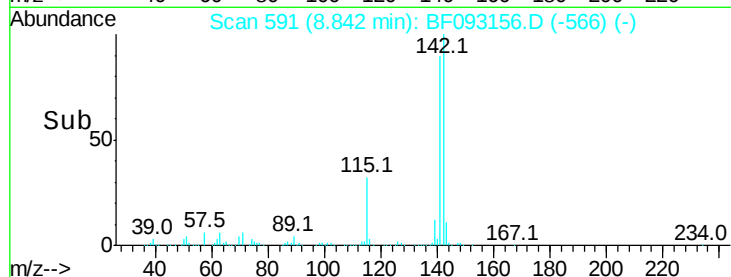
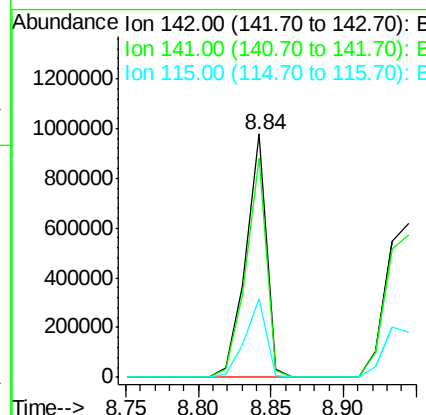
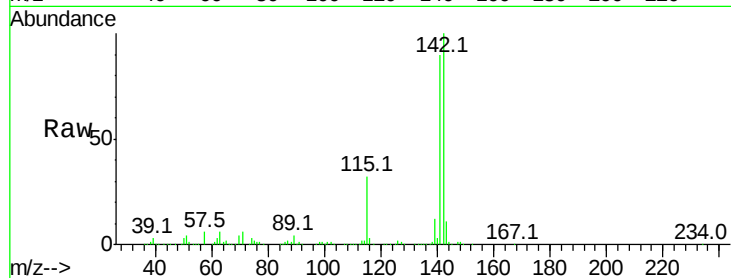
#37
 2-Methylnaphthalene
 Concen: 50.87 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	32.2	28.3	42.5

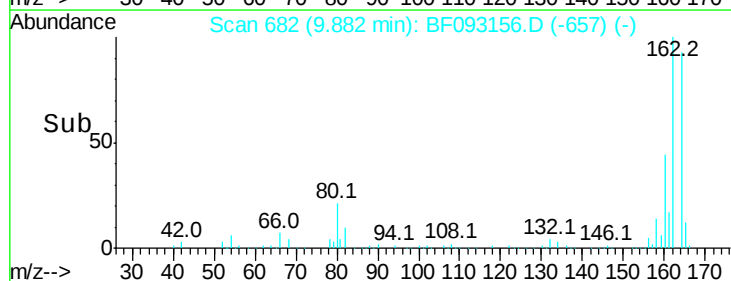
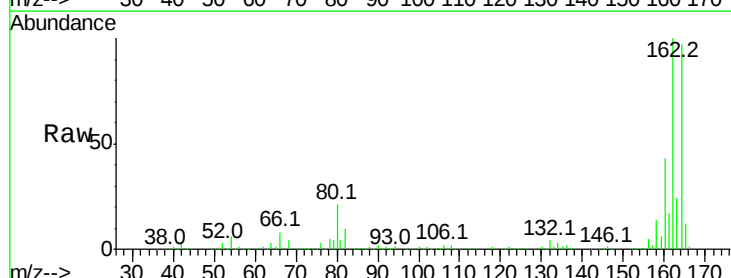
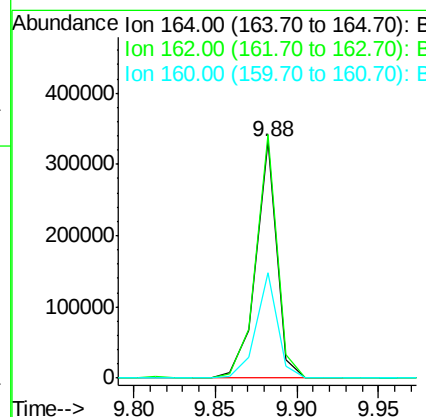
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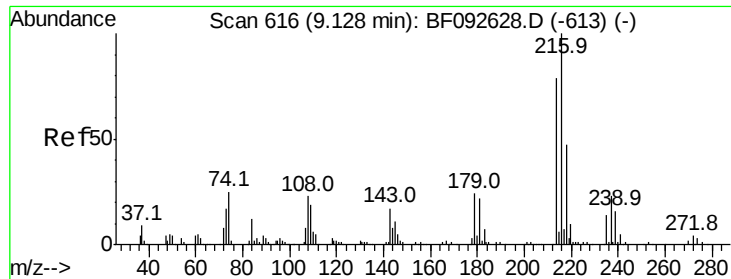
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	44.5	36.9	55.3





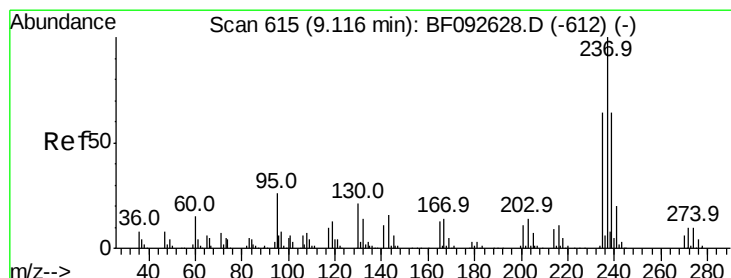
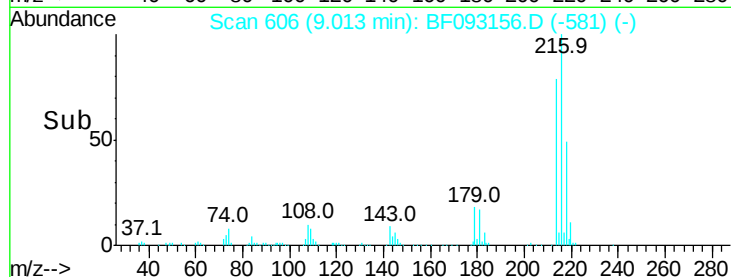
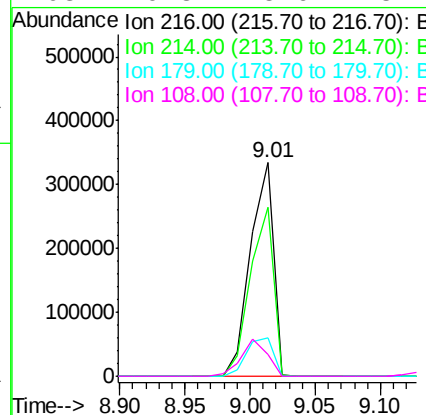
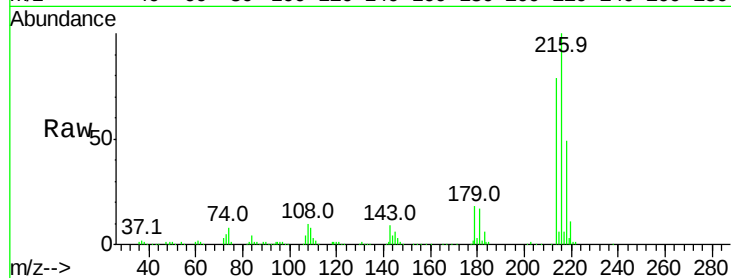
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.69 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion:	216	Resp:	413884
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.4	95.0
179	20.9	17.4	26.2
108	19.3	15.6	23.4

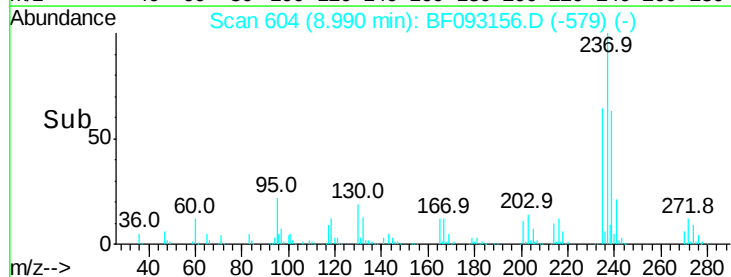
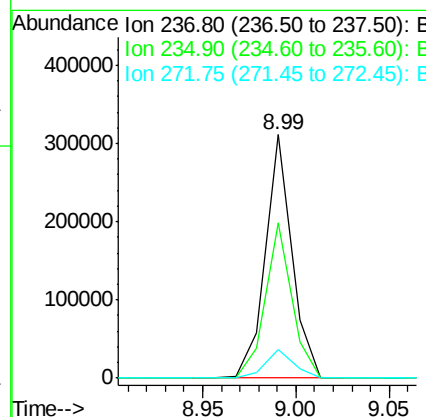
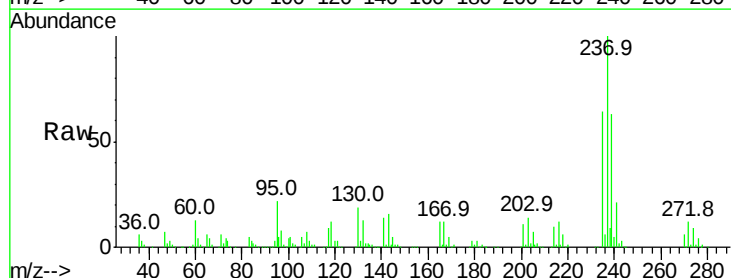
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#40
 Hexachlorocyclopentadiene
 Concen: 81.33 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion:	237	Resp:	305670
Ion Ratio		Lower	Upper
237	100		
235	63.7	41.2	81.2
272	11.7	0.0	35.4





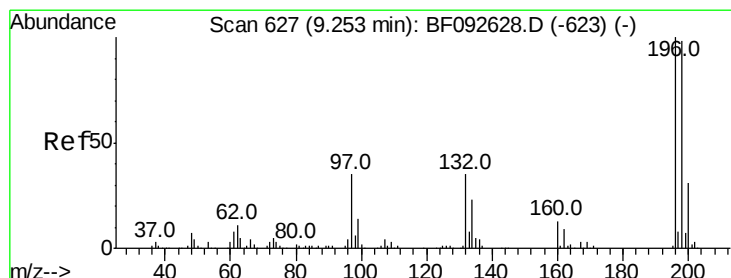
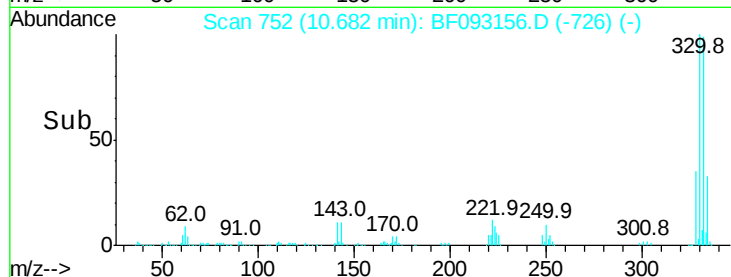
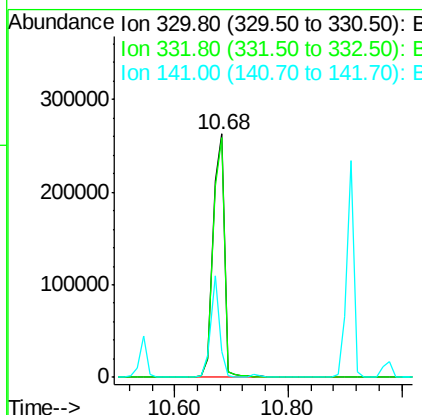
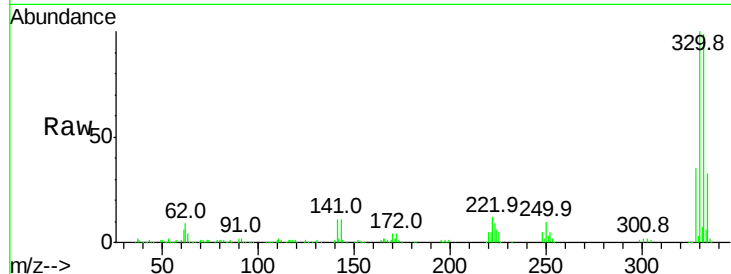
#41
 2,4,6-Tribromophenol
 Concen: 165.35 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	354889		
332	97.7		77.4	116.2
141	32.5		34.1	51.1#

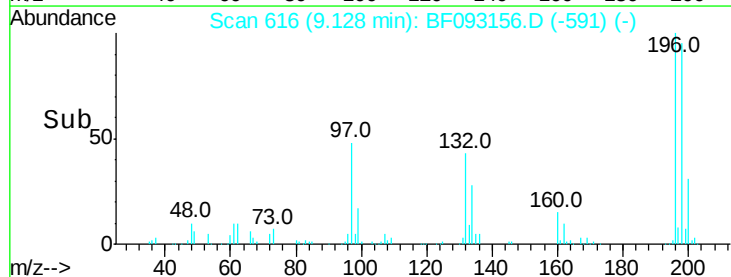
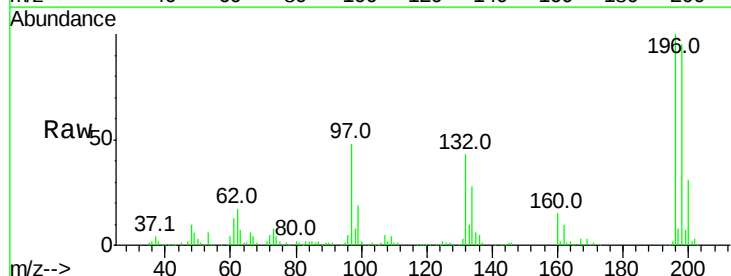
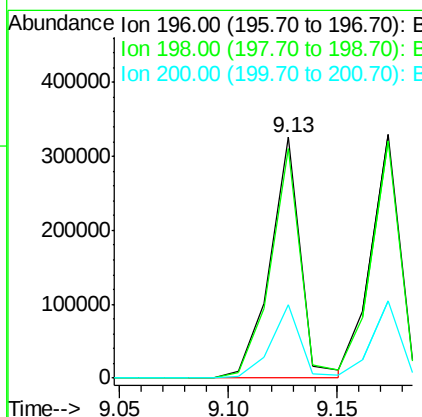
Manual Integrations
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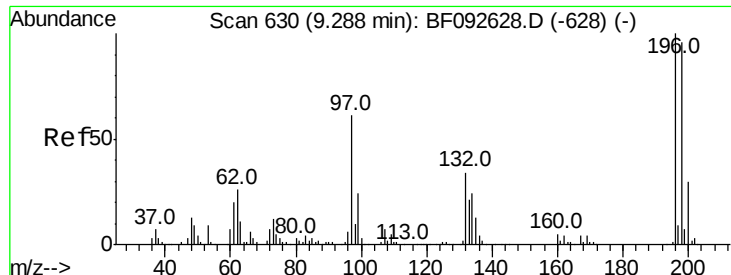
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#42
 2,4,6-Trichlorophenol
 Concen: 57.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317102		
198	95.1		82.1	123.1
200	30.5		27.0	40.4





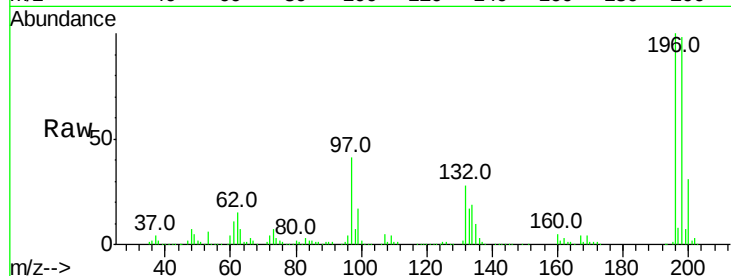
#43
 2,4,5-Trichlorophenol
 Concen: 51.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

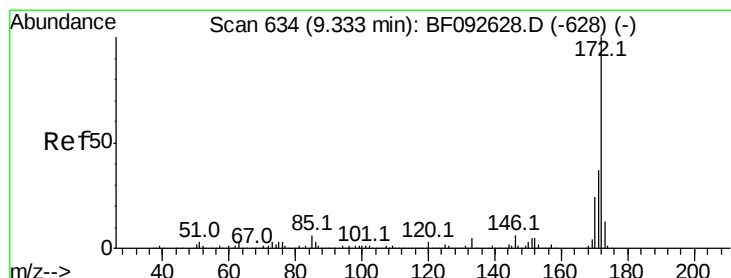
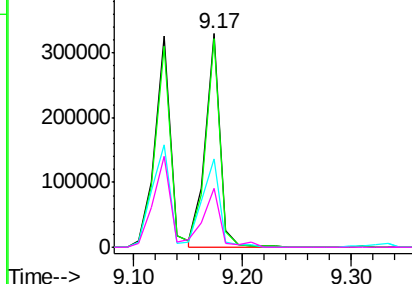
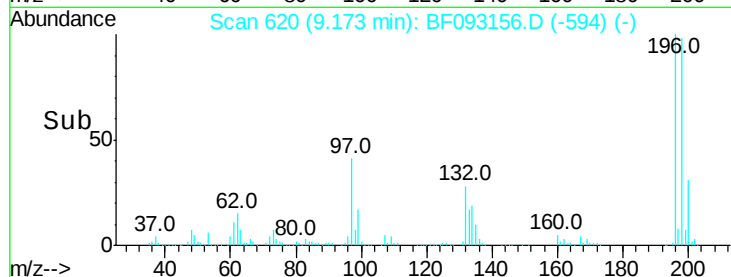
Tot Ion	Ratio	Resp	Lower	Upper
196	100	310760		
198	97.6	79.4	119.2	
97	41.3	51.5	77.3#	
132	27.6	27.4	41.2	

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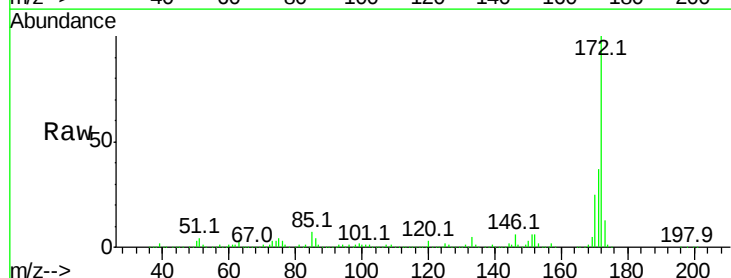


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

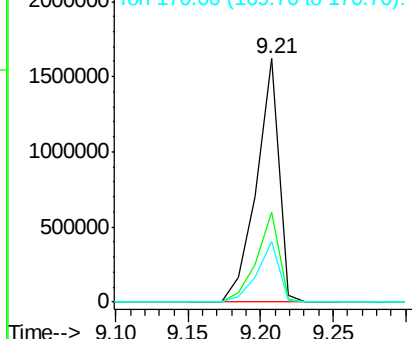
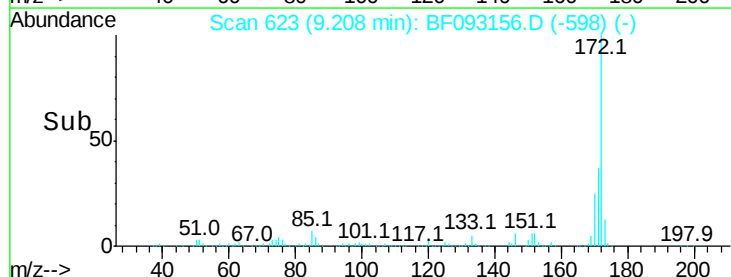


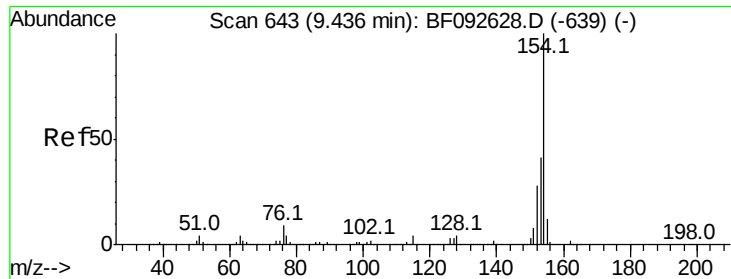
#44
 2-Fluorobiphenyl
 Concen: 106.28 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1740913		
171	36.8	29.4	44.0	
170	24.8	20.2	30.4	



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





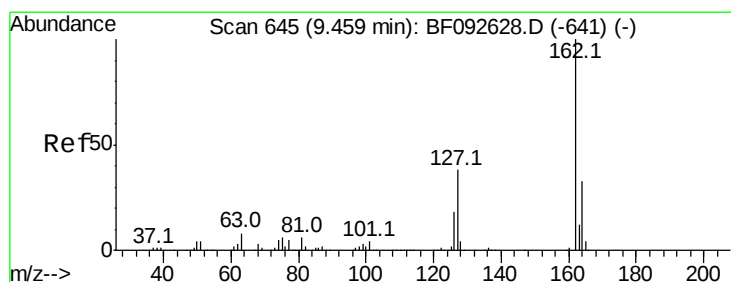
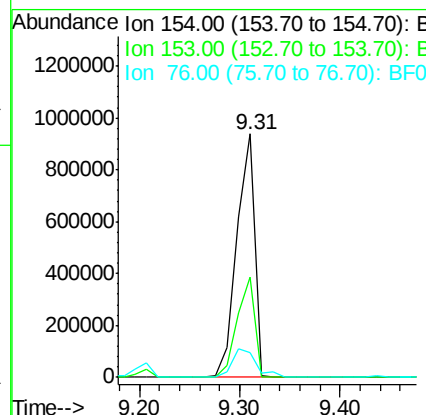
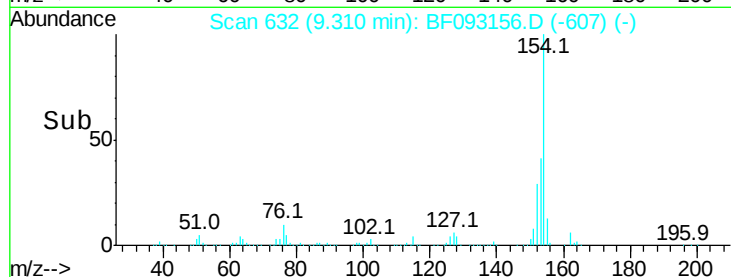
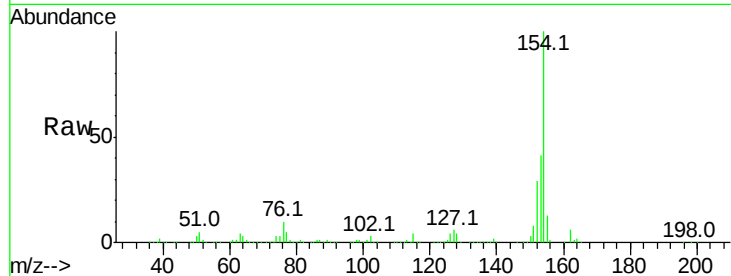
#45
1,1'-Biphenyl
Concen: 53.74 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	10.2	0.0	30.5

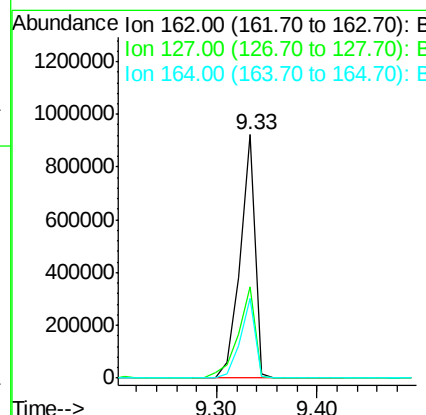
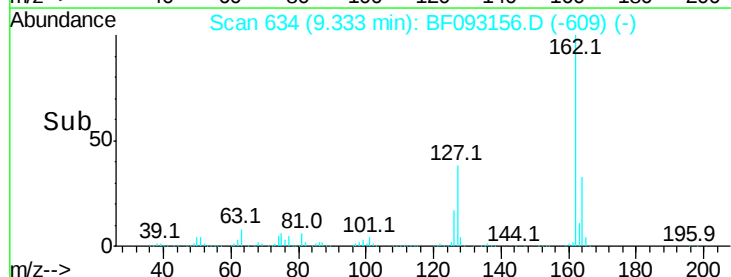
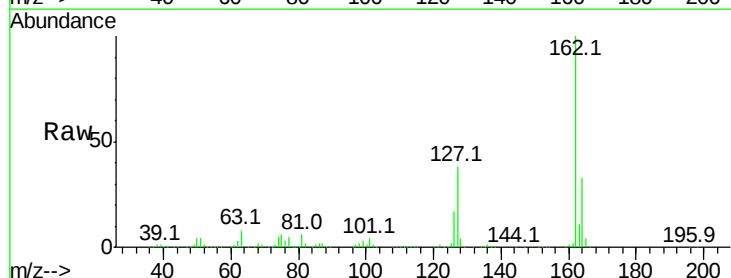
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#46
2-Chloronaphthalene
Concen: 56.48 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.7	46.1
164	32.7	27.6	41.4





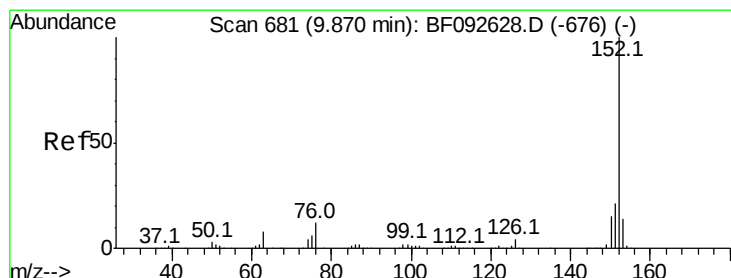
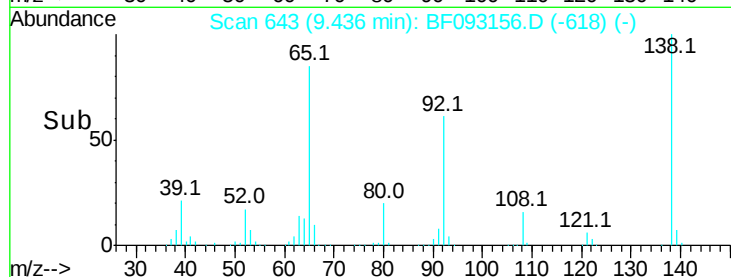
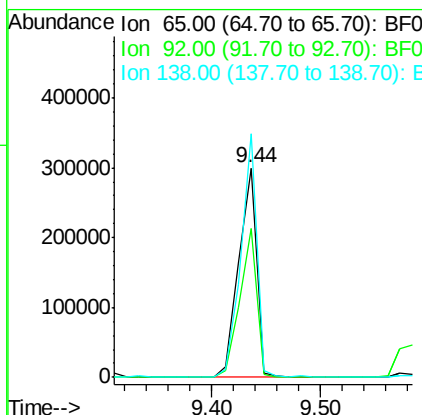
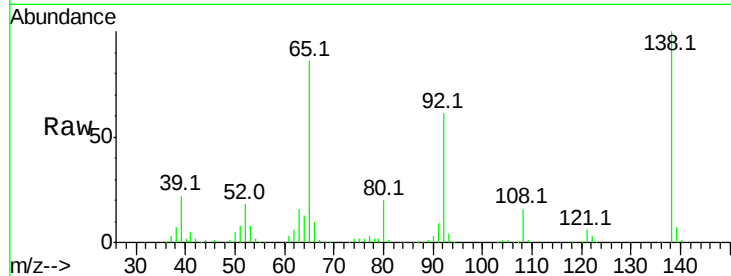
#47
 2-Nitroaniline
 Concen: 59.36 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	116.4	76.8	115.2

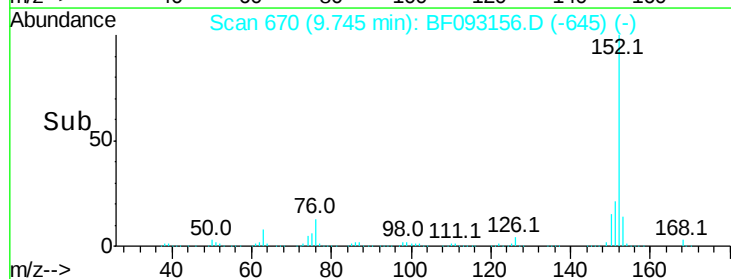
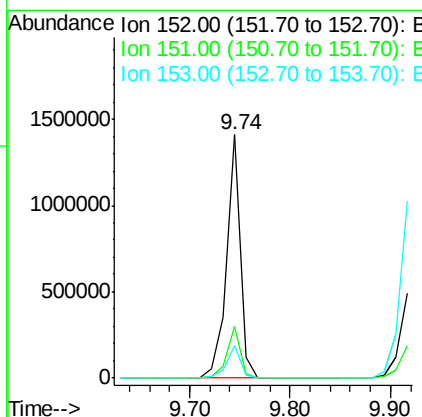
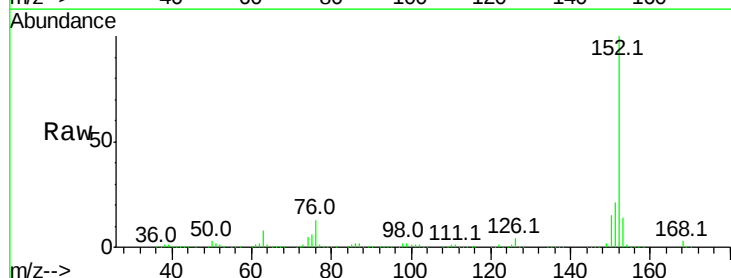
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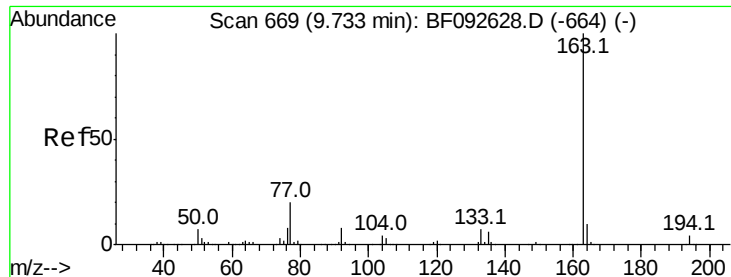
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#48
 Acenaphthylene
 Concen: 46.01 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.6	11.4	17.2





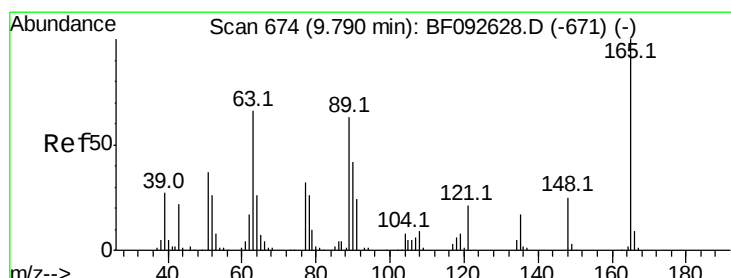
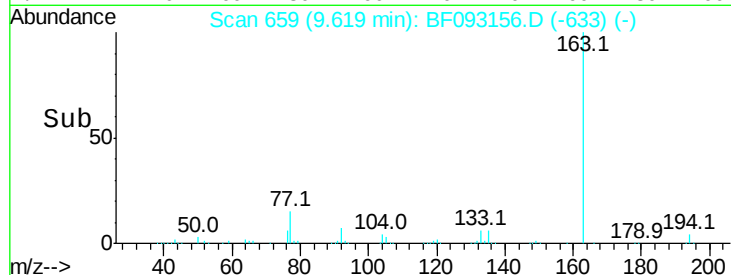
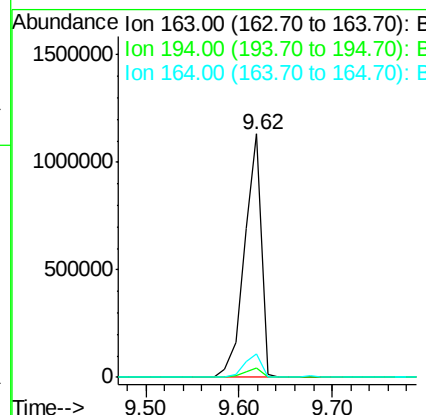
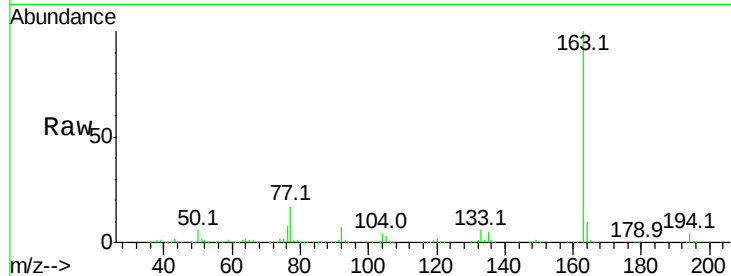
#49
Dimethylphthalate
Concen: 70.28 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.0	12.0

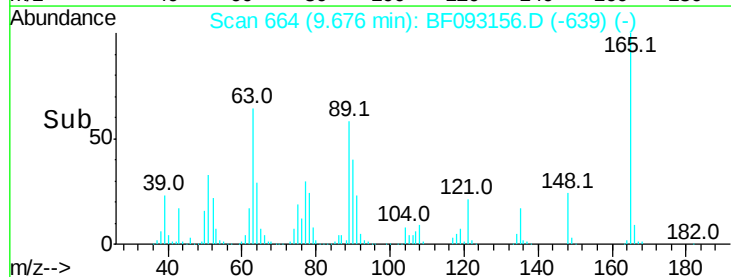
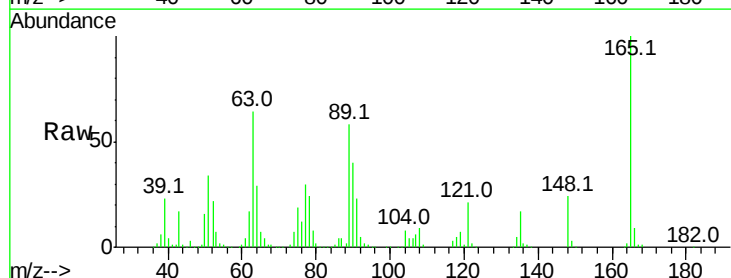
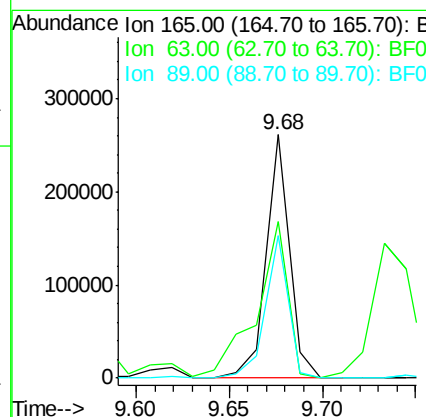
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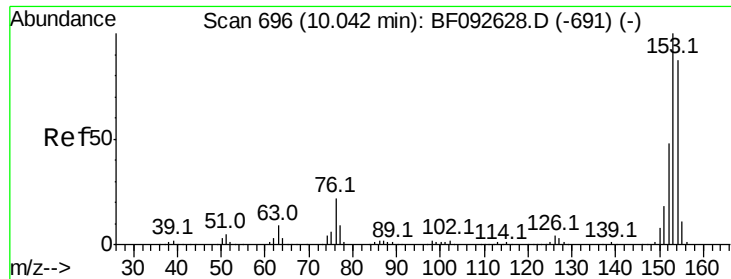
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#50
2,6-Dinitrotoluene
Concen: 52.03 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.4	36.2	54.4#
89	58.3	40.2	60.4





#51

Acenaphthene

Concen: 47.32 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

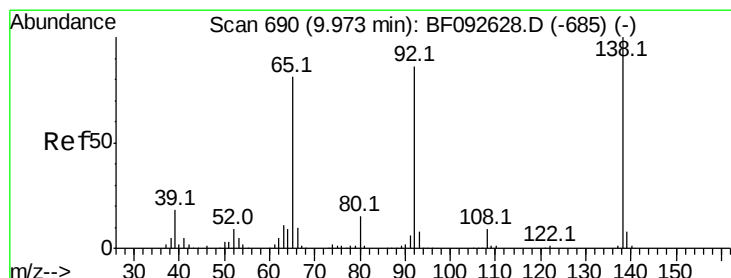
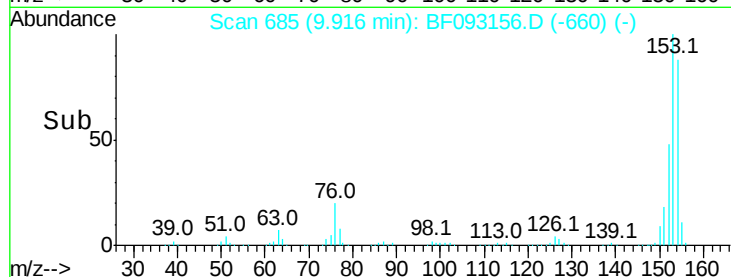
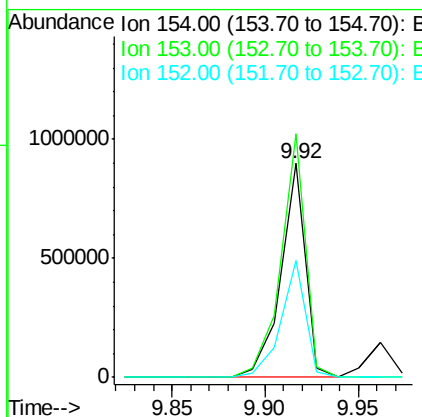
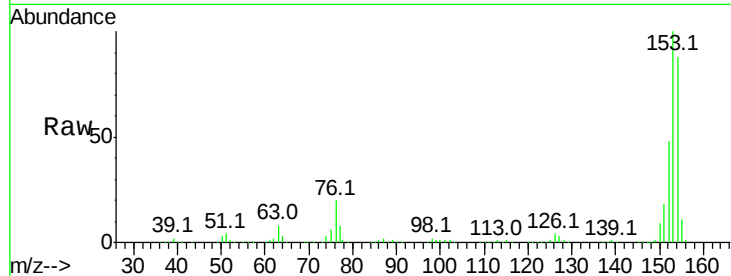
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	154	Resp:	821524
Ion Ratio	Lower	Upper	
154	100		
153	113.9	88.6	133.0
152	54.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 24.33 ng

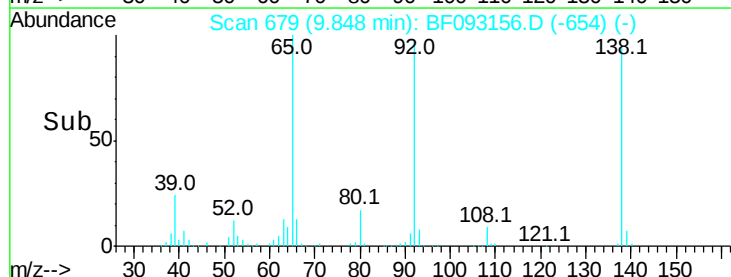
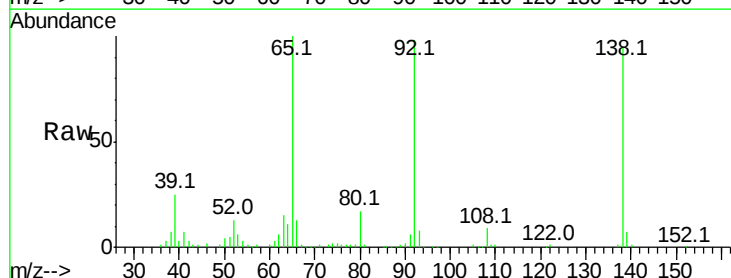
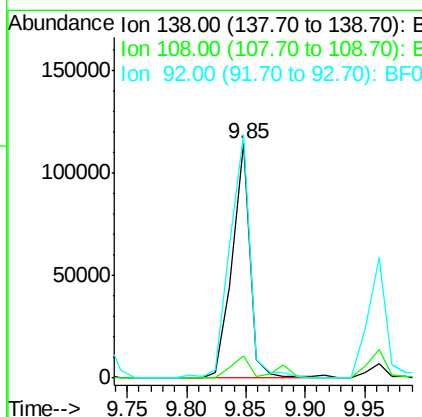
RT: 9.85 min Scan# 679

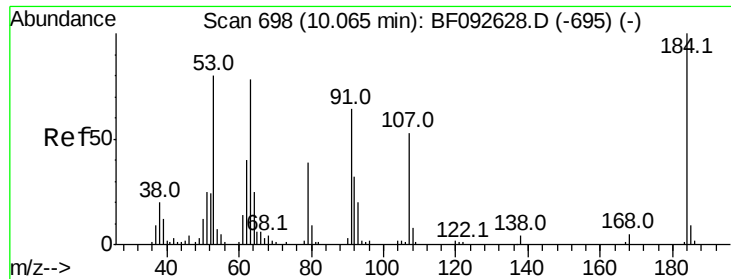
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	138	Resp:	120189
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.5	12.7
92	103.9	97.8	146.8





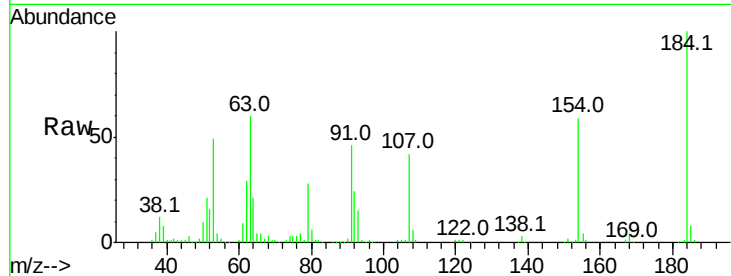
#53
 2,4-Dinitrophenol
 Concen: 106.34 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

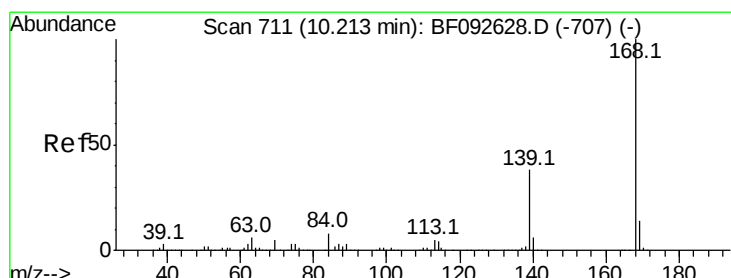
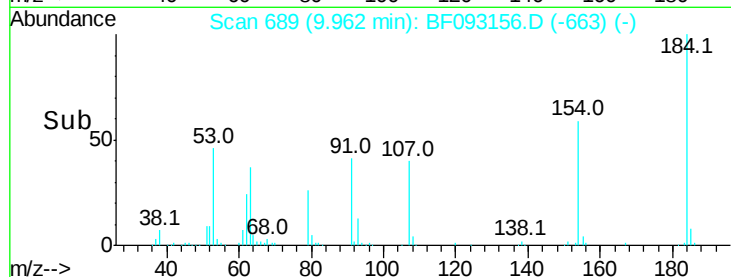
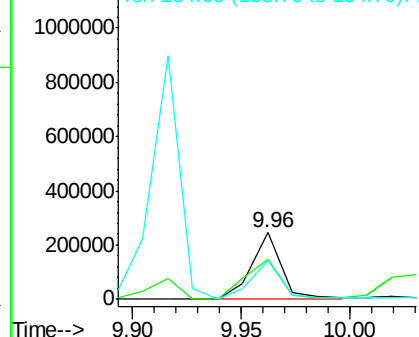
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.8	28.4	42.6	
154	58.7	44.3	66.5	

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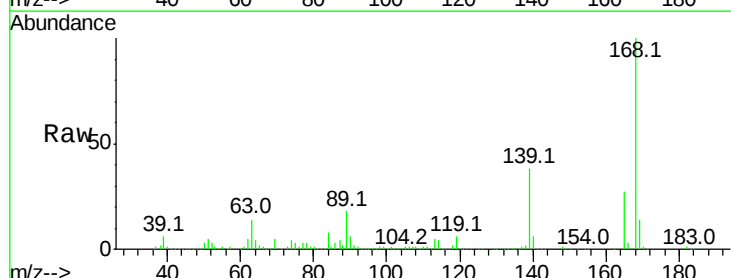


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

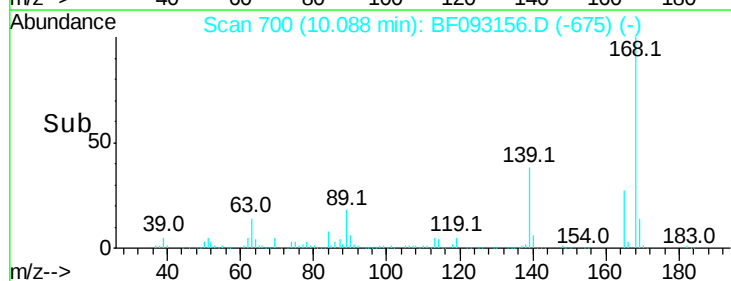
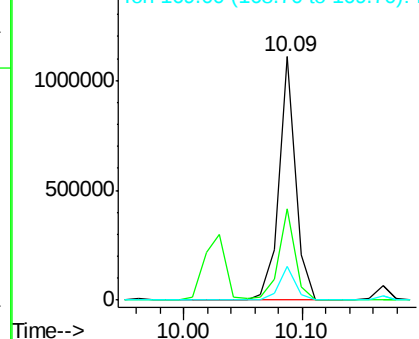


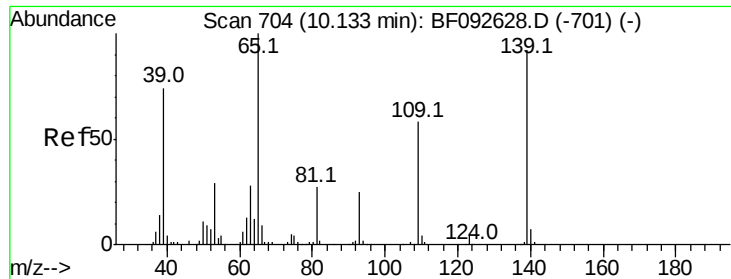
#54
 Dibenzofuran
 Concen: 46.60 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	32.6	49.0	
169	13.7	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





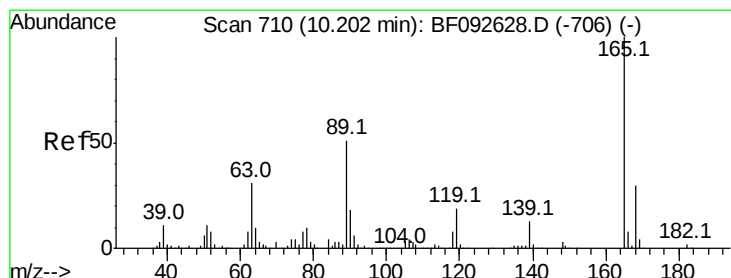
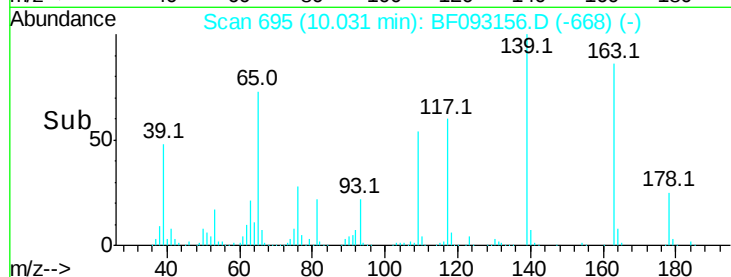
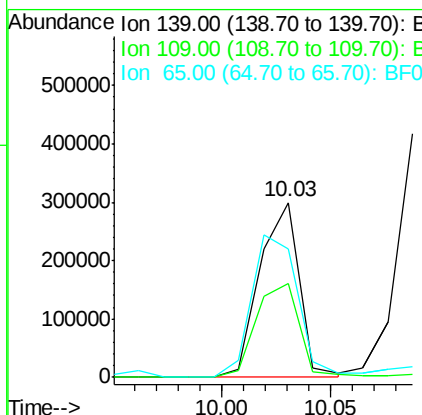
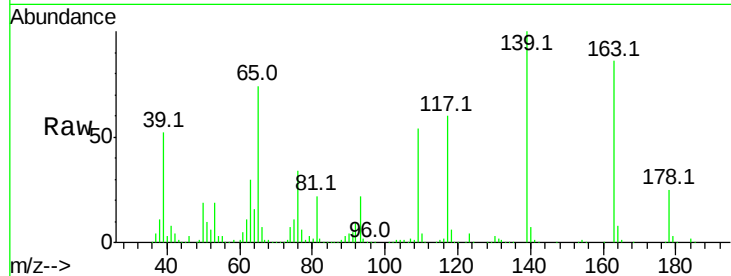
#55
4-Nitrophenol
Concen: 107.46 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion:139 Resp: 382348
Ion Ratio Lower Upper
139 100
109 54.0 52.2 92.2
65 73.6 85.8 125.8#

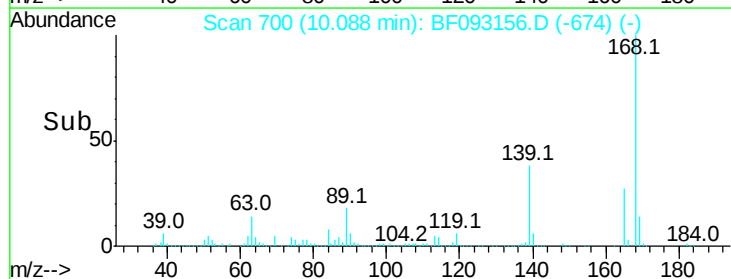
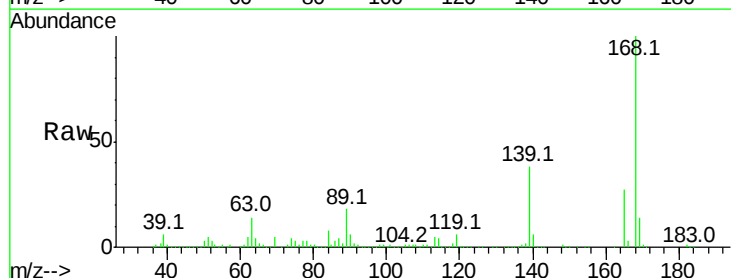
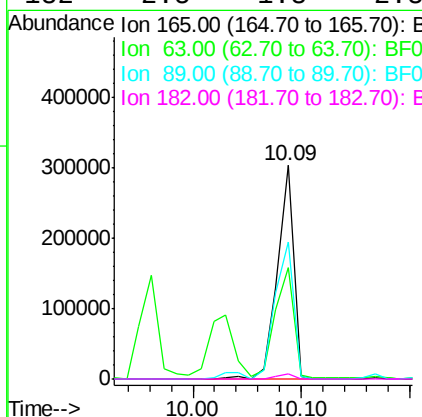
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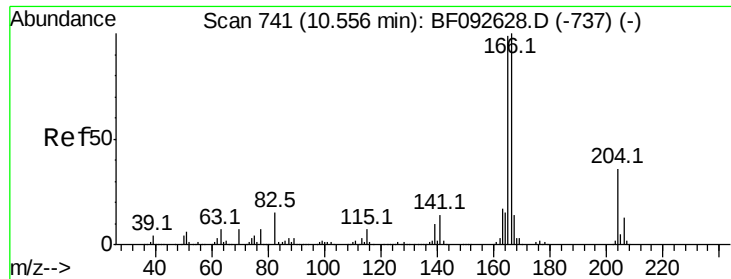
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#56
2,4-Dinitrotoluene
Concen: 54.62 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion:165 Resp: 313906
Ion Ratio Lower Upper
165 100
63 52.0 40.2 60.4
89 64.3 62.5 93.7
182 2.5 1.8 2.8





#57

Fluorene

Concen: 49.40 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

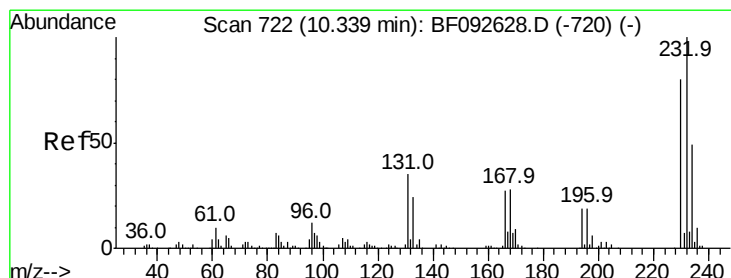
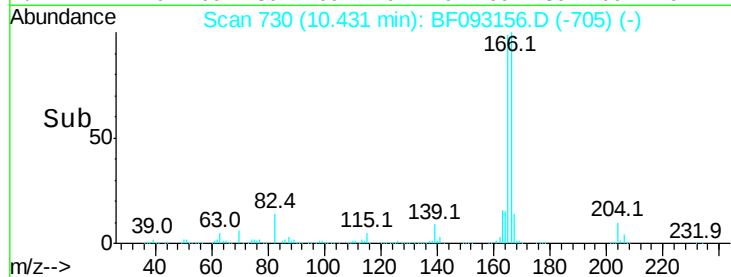
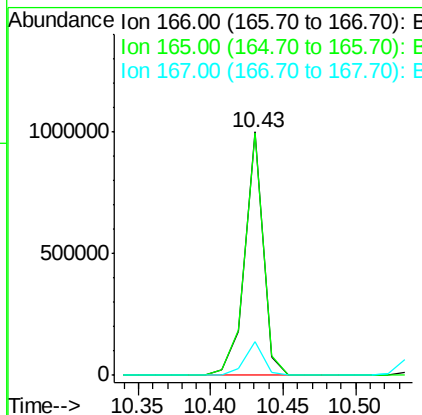
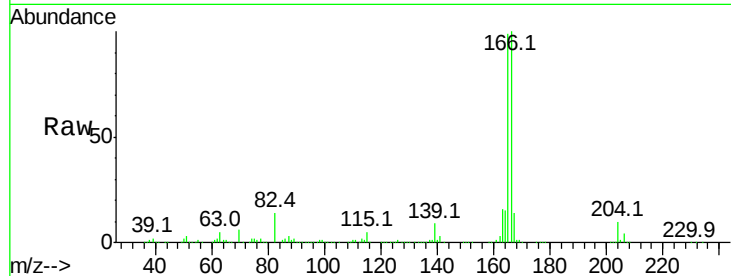
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	166	Resp:	882464
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.7	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.44 ng

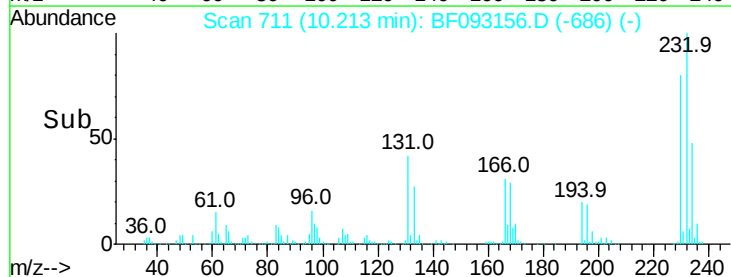
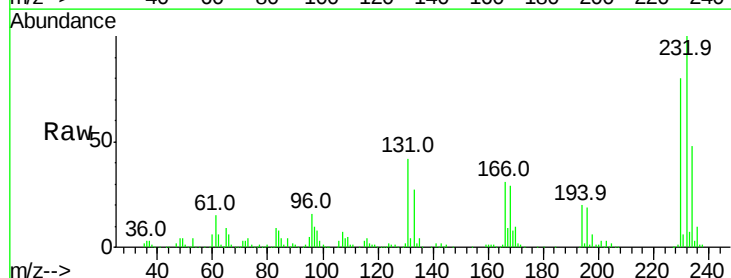
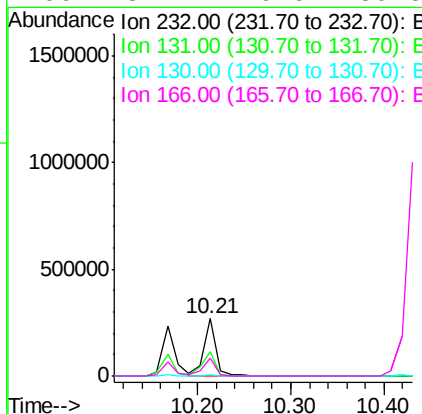
RT: 10.21 min Scan# 711

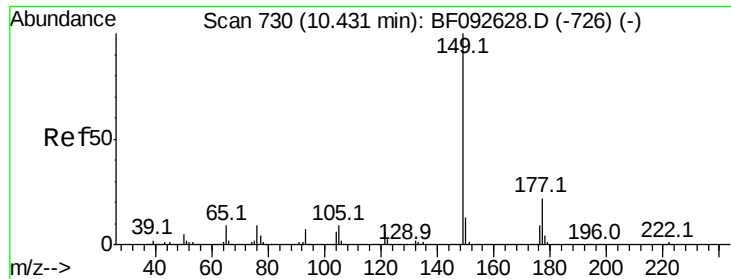
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	232	Resp:	245810
Ion Ratio	Lower	Upper	
232	100		
131	46.8	40.1	60.1
130	2.2	1.8	2.8
166	32.2	26.6	39.8





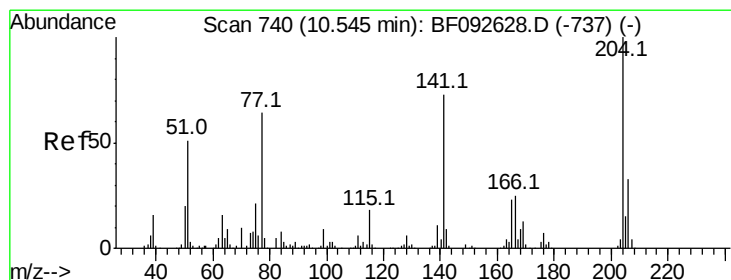
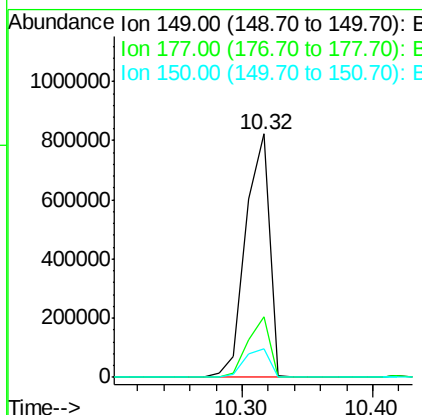
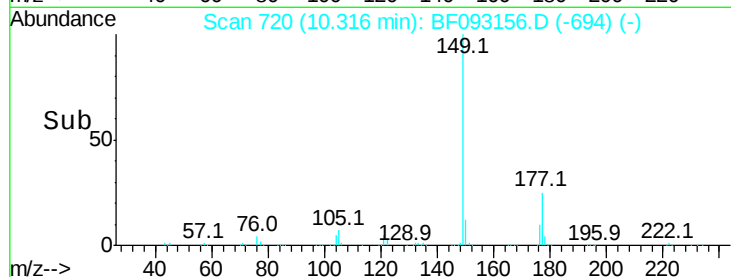
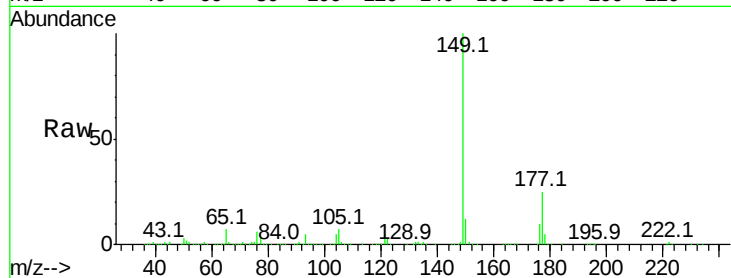
#59
Diethylphthalate
Concen: 55.16 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion:149 Resp: 1038937
Ion Ratio Lower Upper
149 100
177 24.7 16.6 25.0
150 12.0 10.4 15.6

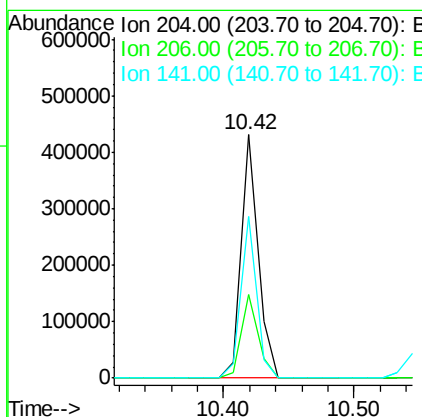
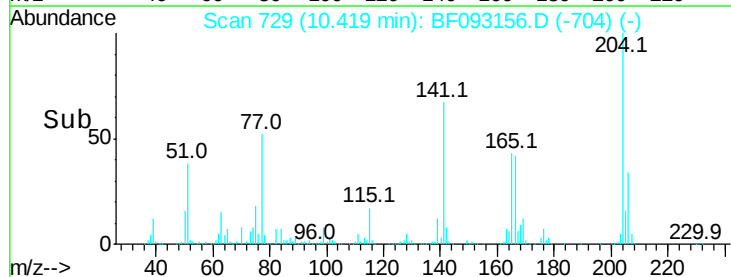
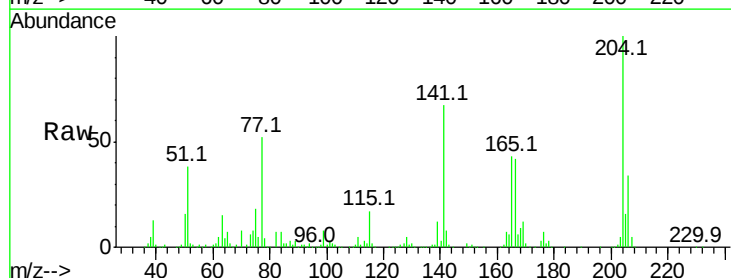
Manual Integrations
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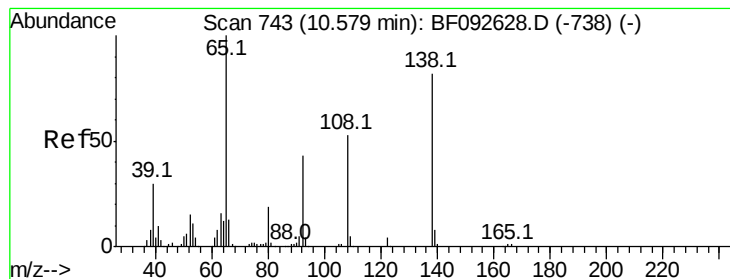
mohammad
2/27/2017 1:07:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.07 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion:204 Resp: 386807
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 66.5 59.4 89.0





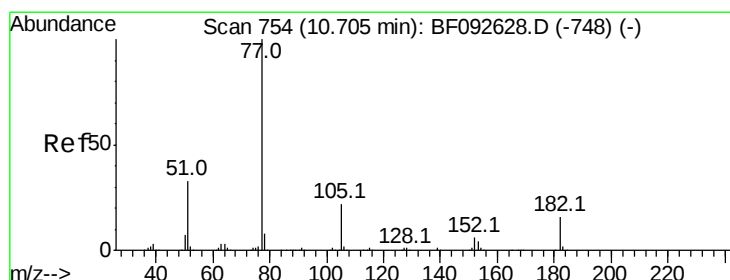
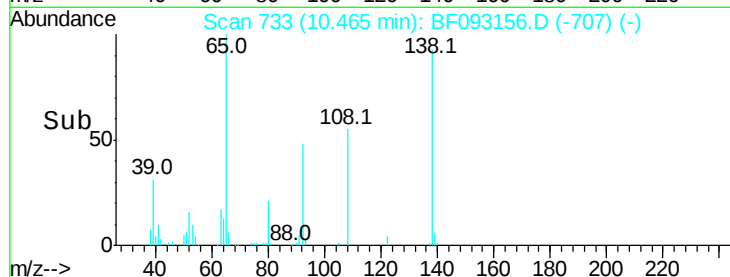
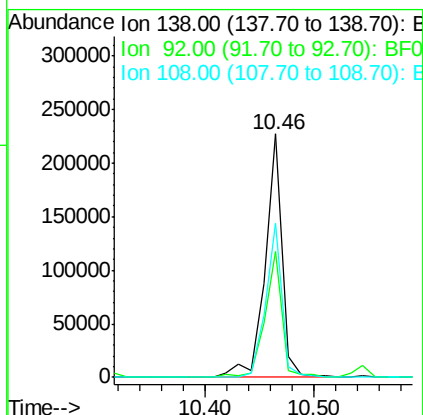
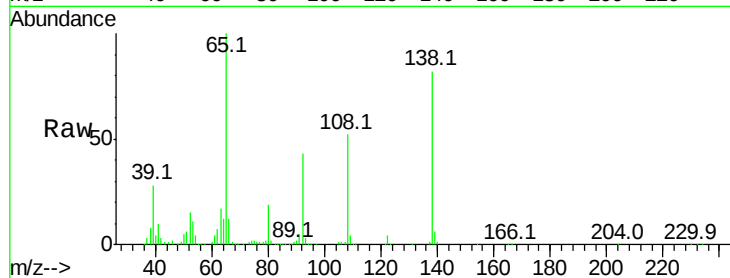
#61
4-Nitroaniline
Concen: 49.28 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.7	71.7
108	63.0	52.6	92.6

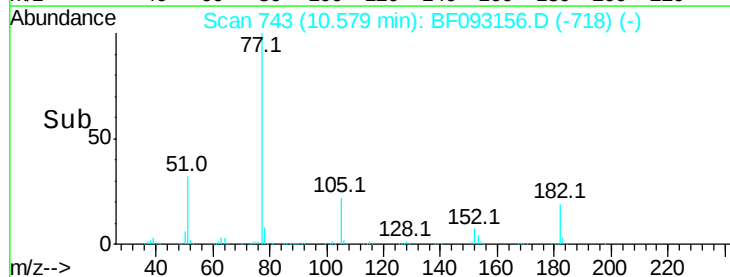
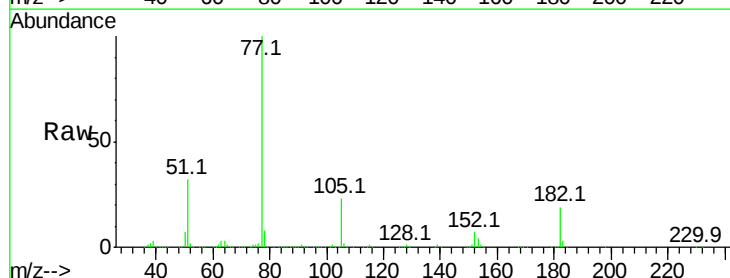
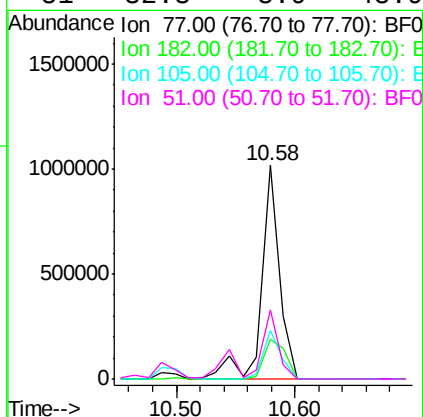
Manual Integrations
APPROVED

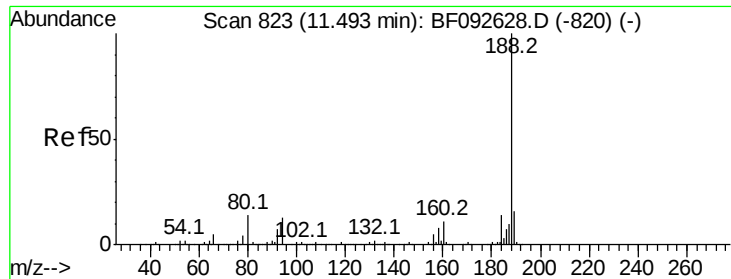
mohammad
2/27/2017 1:07:36 PM



#62
Azobenzene
Concen: 55.58 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	39.3
105	22.8	2.3	42.3
51	32.3	8.9	48.9





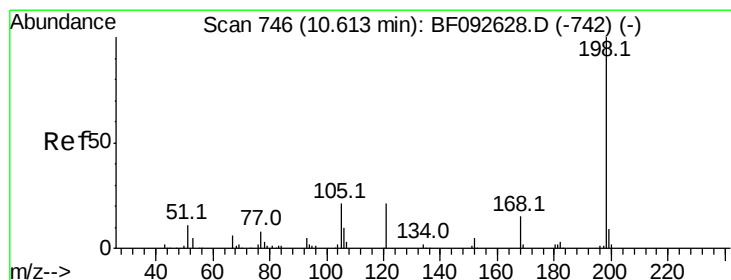
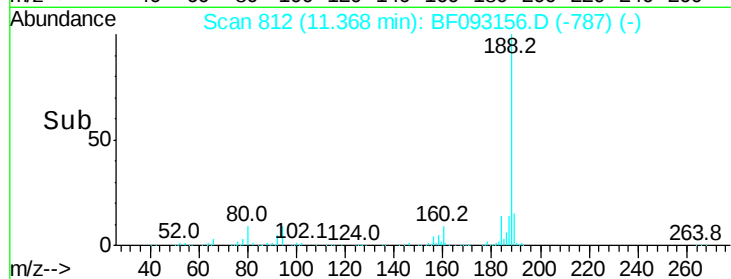
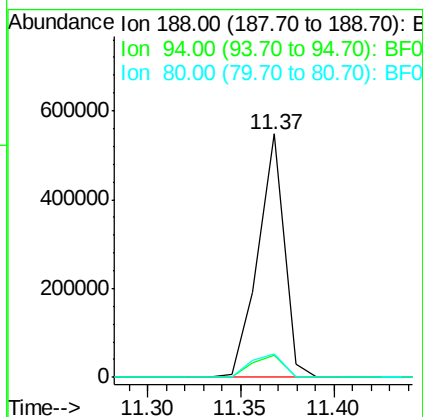
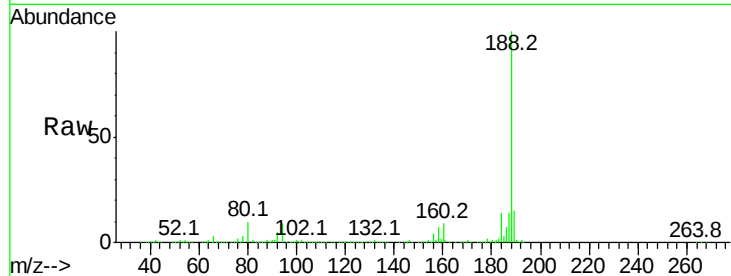
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	532152		
94	9.3	10.0	15.0#	
80	9.5	11.2	16.8#	

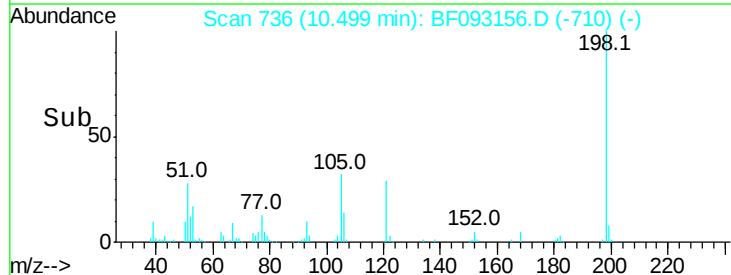
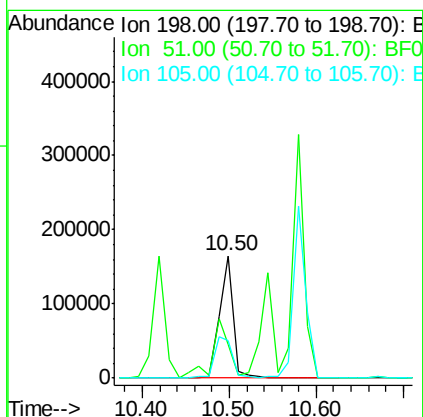
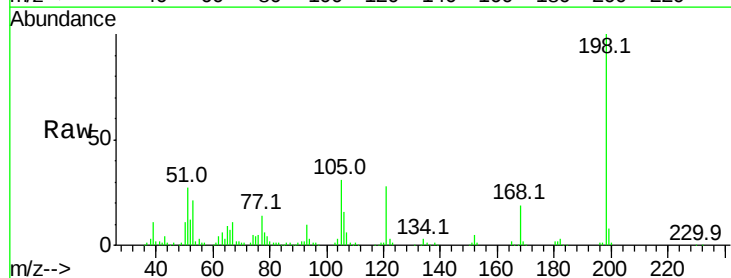
Manual Integrations
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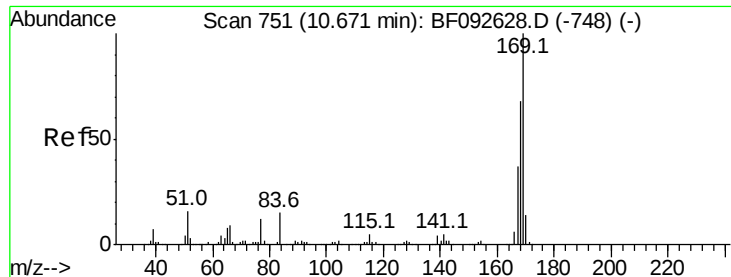
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 56.55 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	184802		
51	27.4	6.7	46.7	
105	31.2	16.6	56.6	





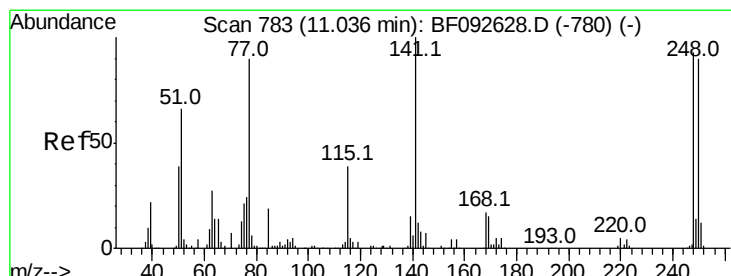
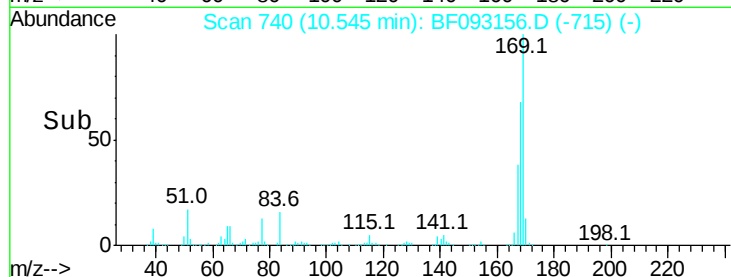
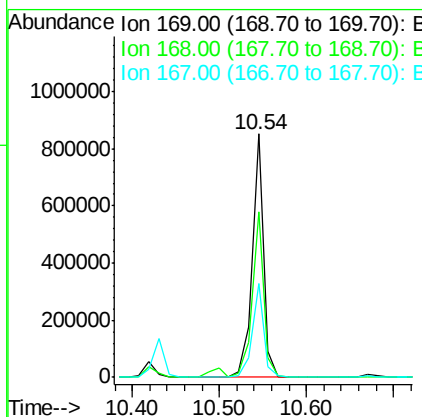
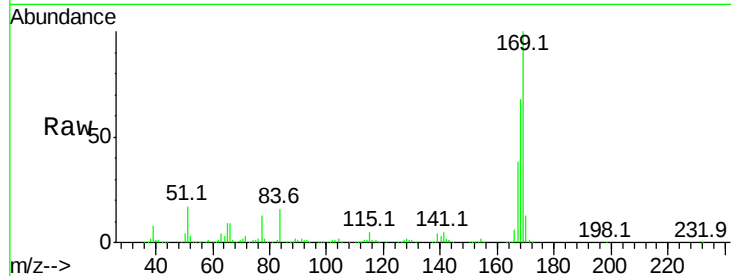
#65
n-Nitrosodiphenylamine
Concen: 46.41 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	788922		
168	68.1	54.2	81.2	
167	38.4	30.2	45.4	

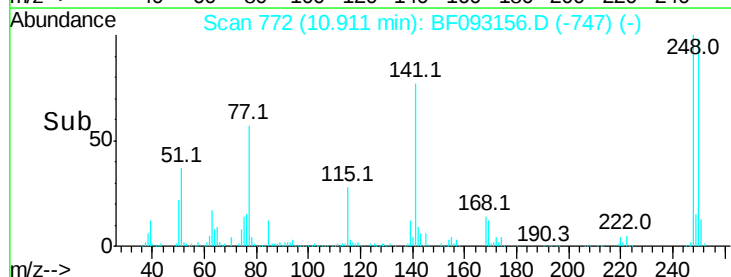
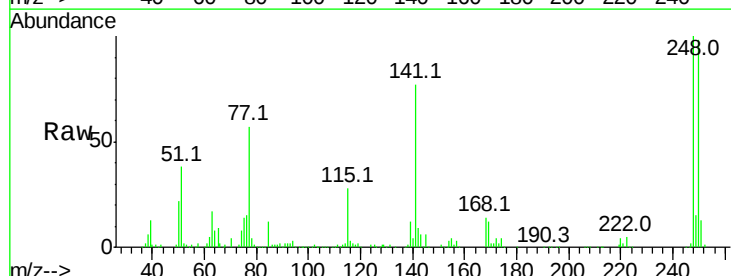
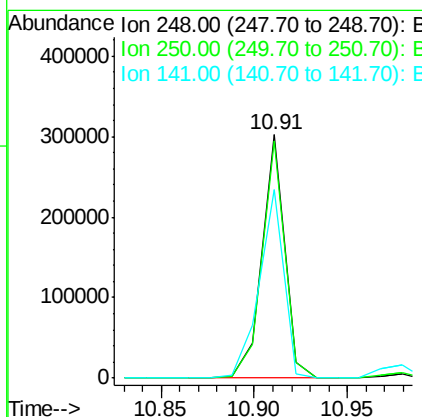
Manual Integrations
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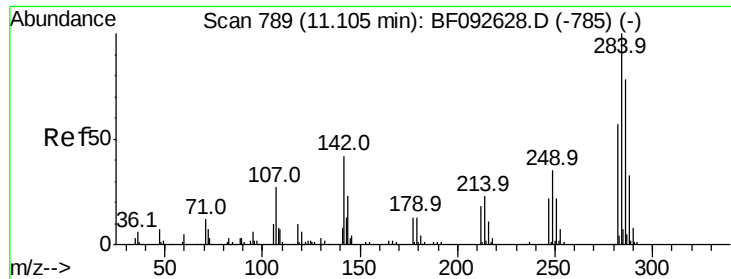
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.56 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253282		
250	97.7	76.9	115.3	
141	77.3	68.2	102.4	





#67

Hexachlorobenzene

Concen: 47.08 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

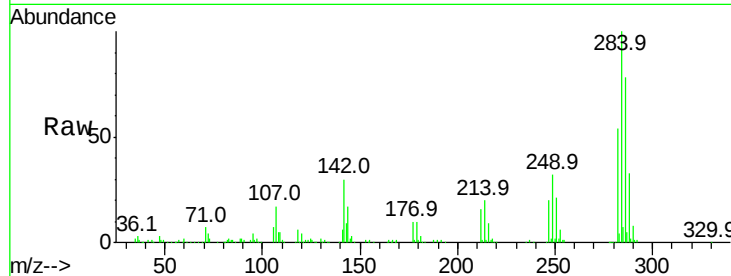
ClientSampleId :

SRI-SB-6(8-10)20170222MS

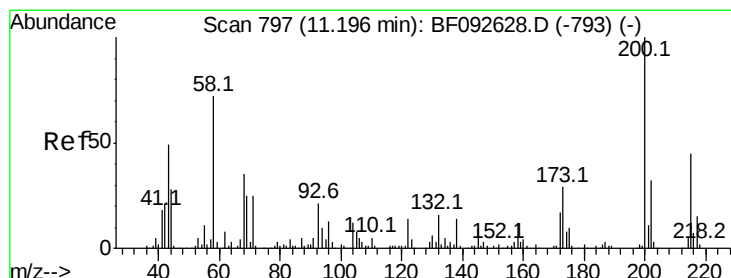
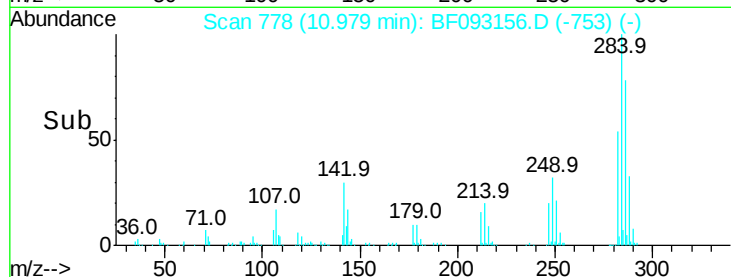
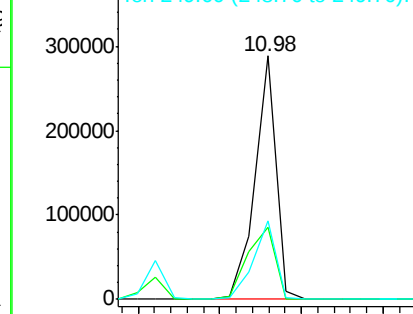
Tot Ion:	284	Resp:	258656
Ion Ratio		Lower	Upper
284	100		
142	29.8	22.6	33.8
249	32.4	25.4	38.0

Manual Integrations
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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: 47.20 ng

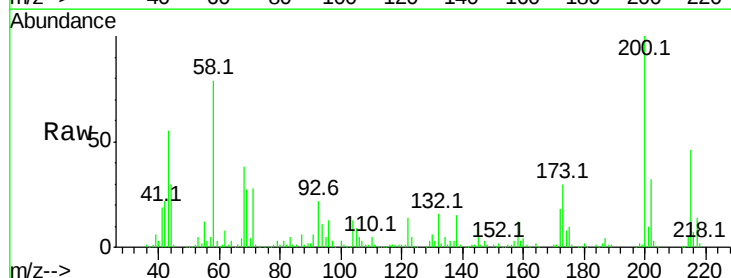
RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

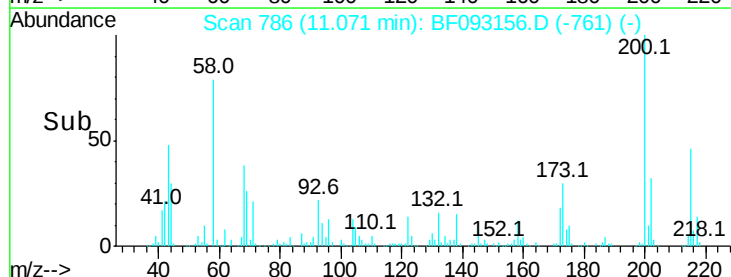
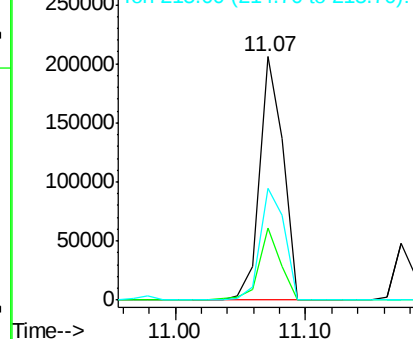
Lab File: BF093156.D

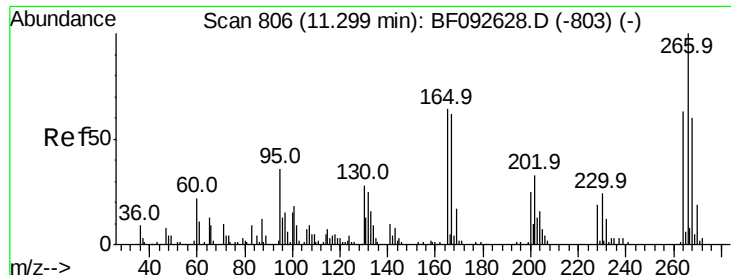
Acq: 24 Feb 2017 20:38

Tgt Ion:	200	Resp:	257508
Ion Ratio		Lower	Upper
200	100		
173	29.6	9.6	49.6
215	45.9	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





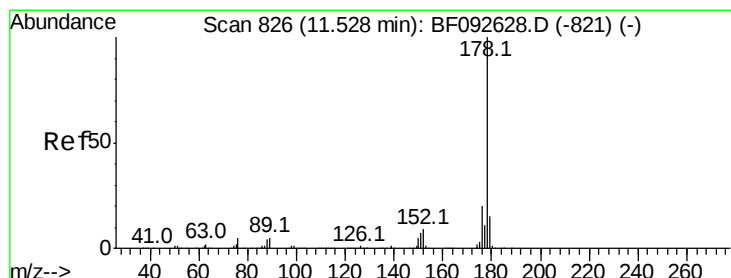
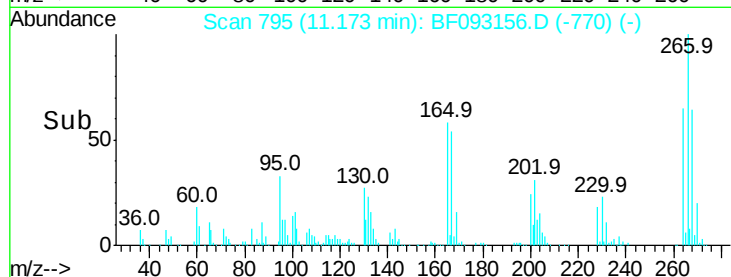
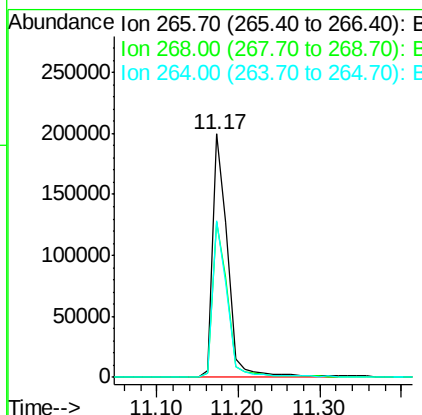
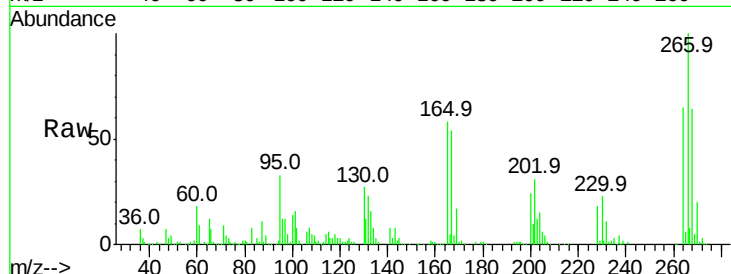
#69
 Pentachlorophenol
 Concen: 90.25 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	258851		
268	63.9	53.3	79.9	
264	64.5	50.3	75.5	

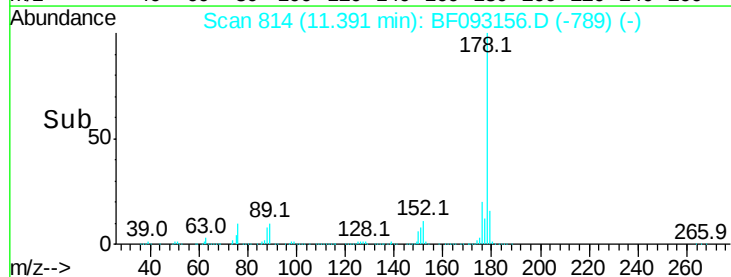
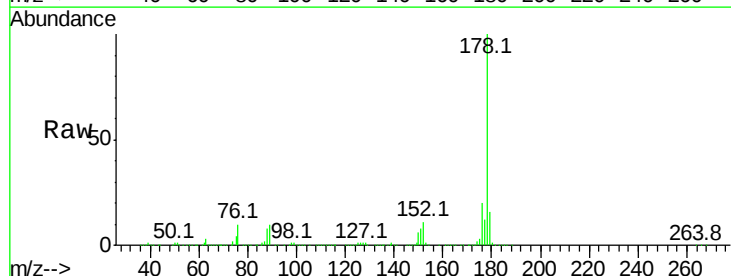
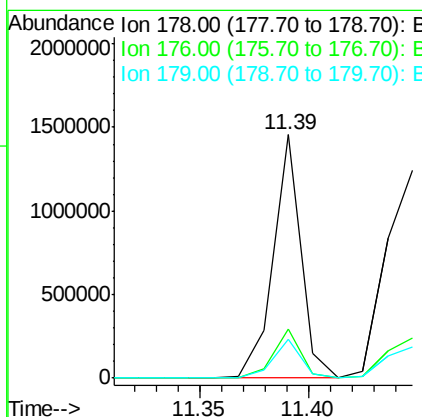
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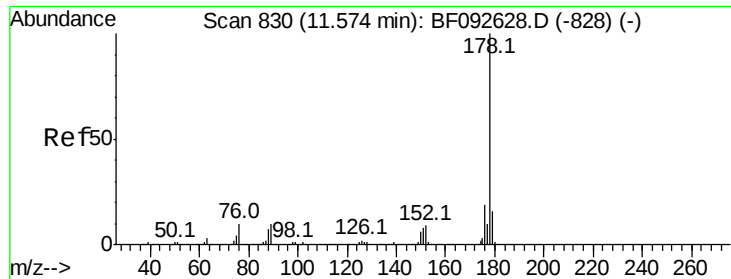
mohammad
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#70
 Phenanthrene
 Concen: 43.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1311655		
176	20.2	16.6	25.0	
179	15.7	12.8	19.2	





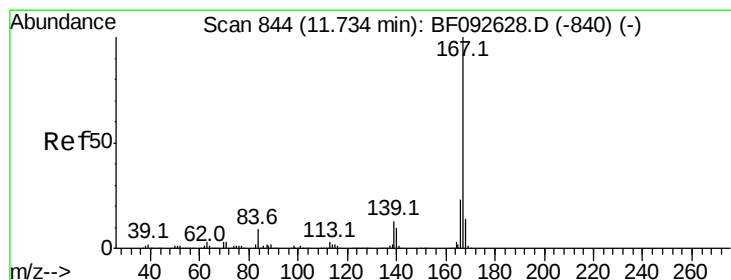
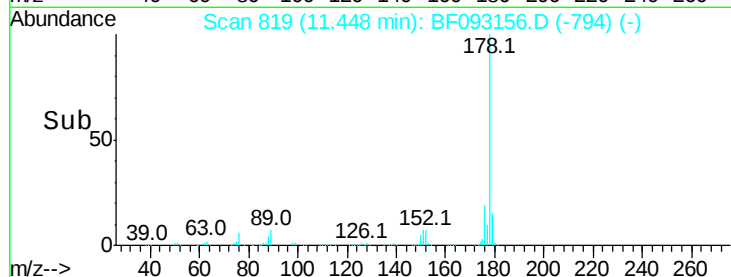
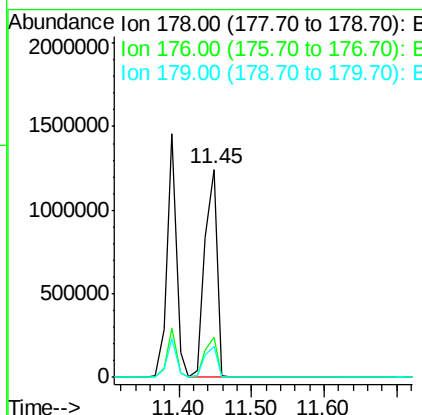
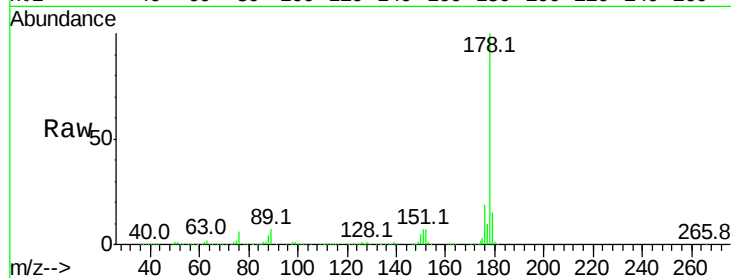
#71
 Anthracene
 Concen: 48.14 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion:178 Resp: 1473774
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.2 13.2 19.8

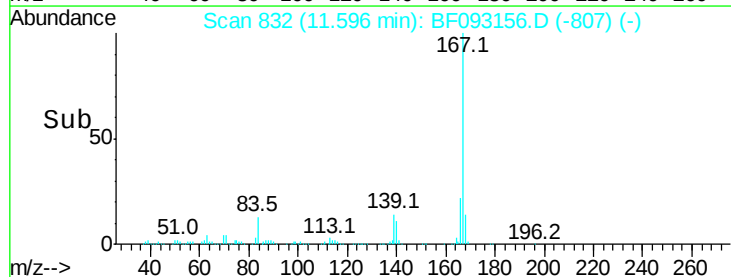
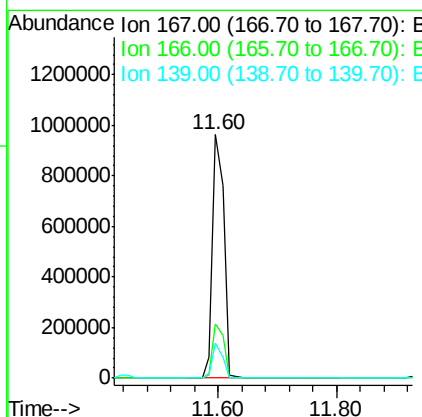
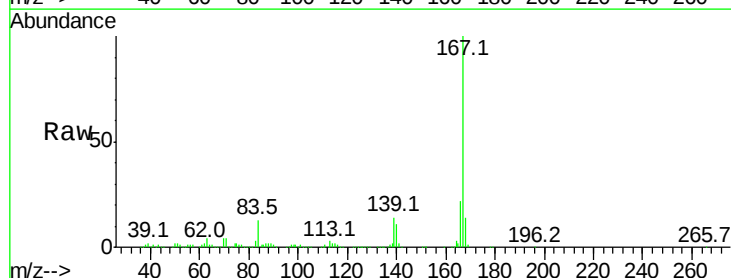
Manual Integrations
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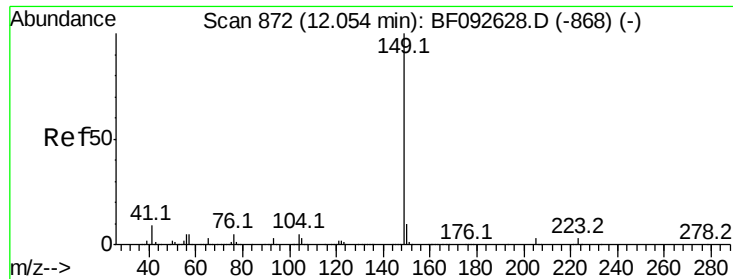
mohammad
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#72
 Carbazole
 Concen: 43.19 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion:167 Resp: 1263931
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.52 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:149 Resp: 1504030

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

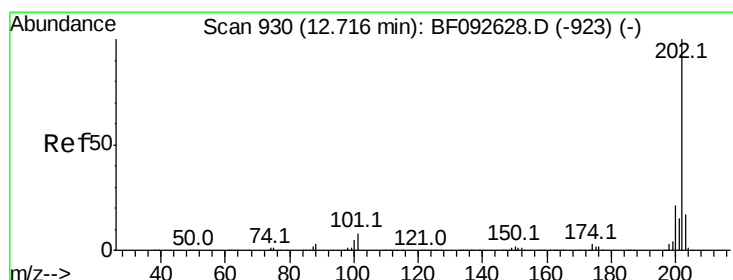
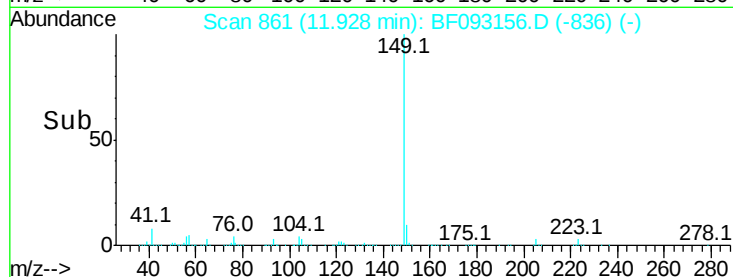
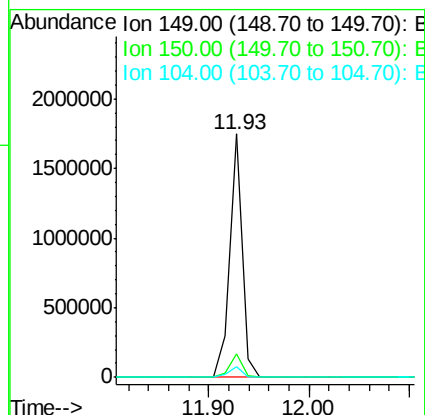
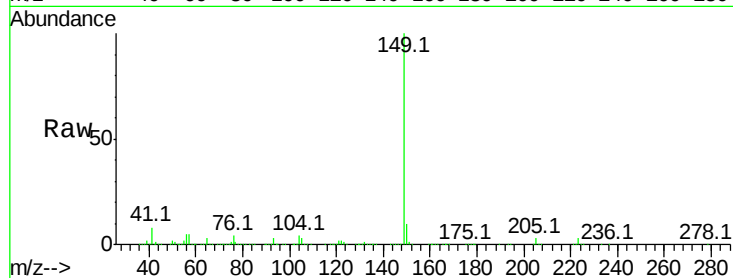
104 4.4 4.6 7.0#

Manual Integrations

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#74

Fluoranthene

Concen: 45.47 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

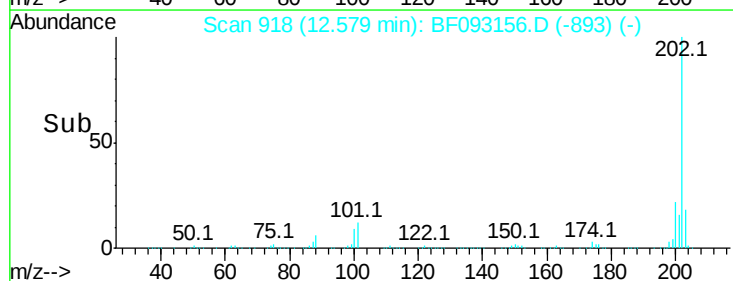
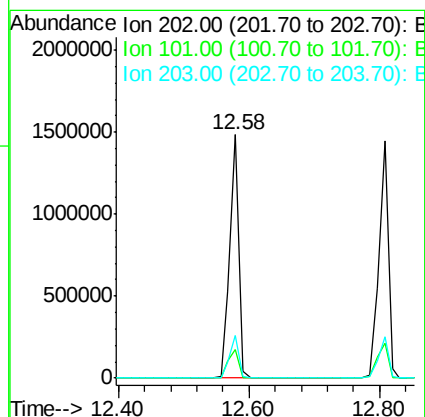
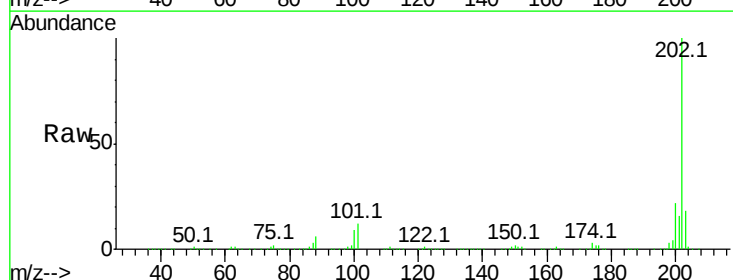
Tgt Ion:202 Resp: 1429881

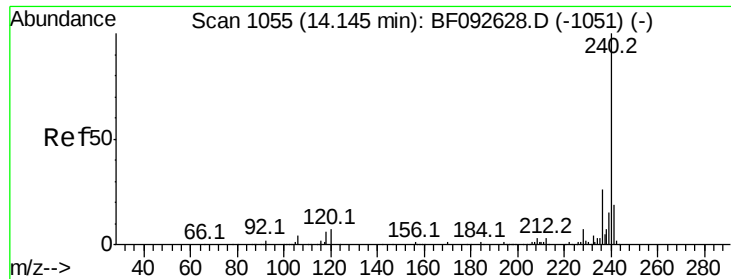
Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.6

203 17.6 0.0 38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

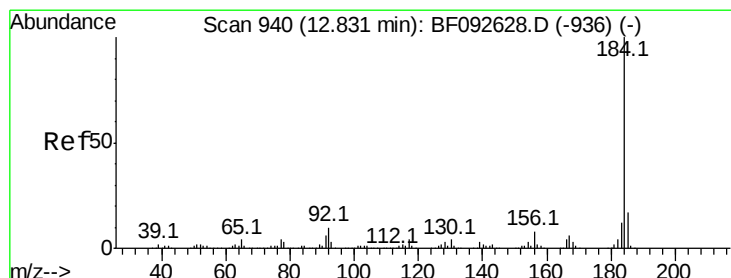
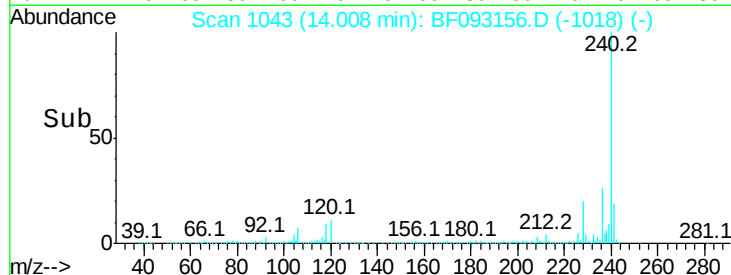
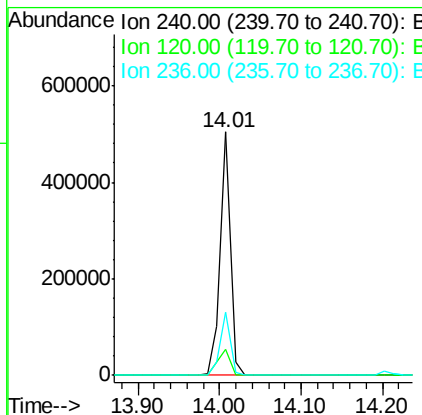
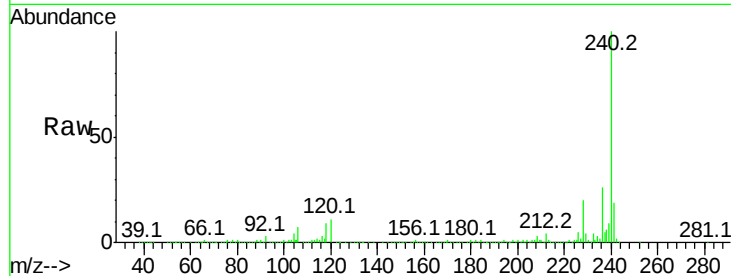
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.9	19.3#
236	25.7	20.9	31.3

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#76

Benzidine

Concen: 20.34 ng

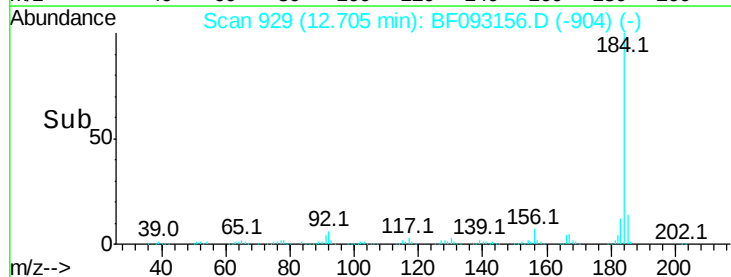
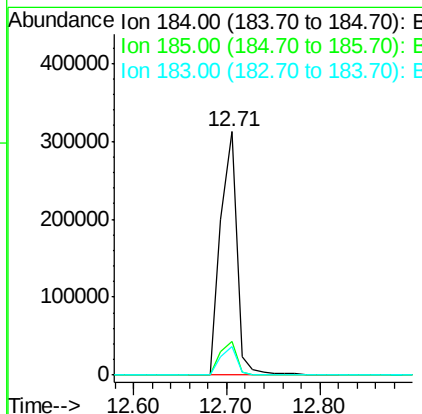
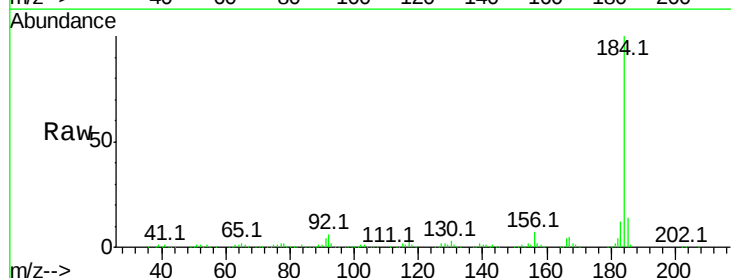
RT: 12.71 min Scan# 929

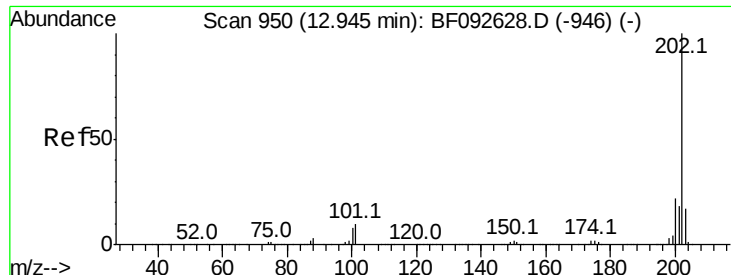
Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.0
183	11.5	9.2	13.8





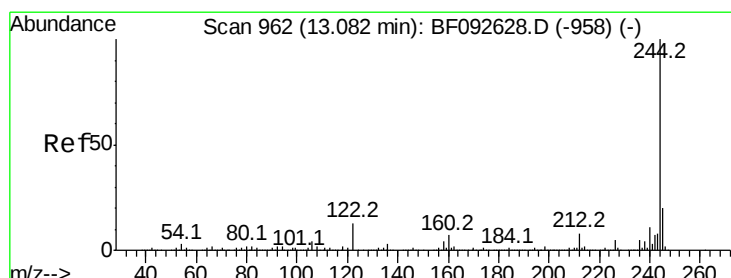
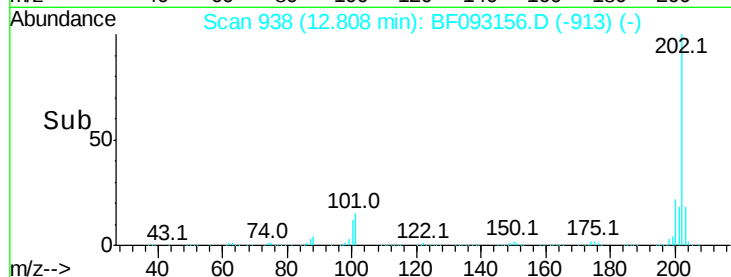
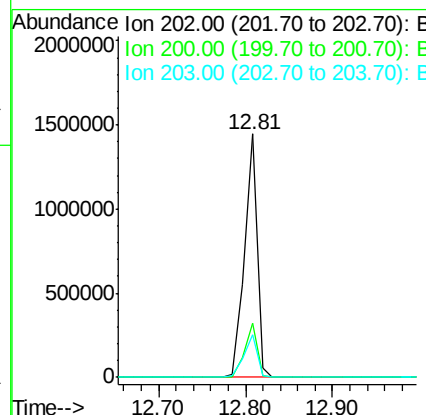
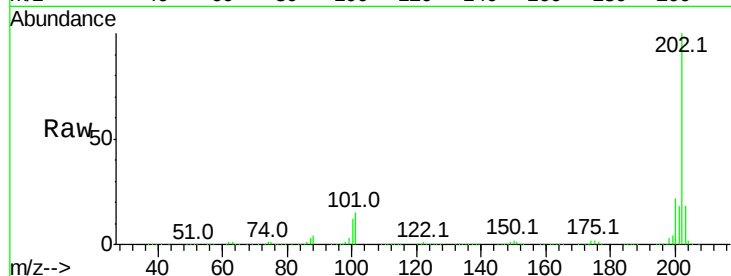
#77
Pvrene
Concen: 43.20 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.5	14.7	22.1

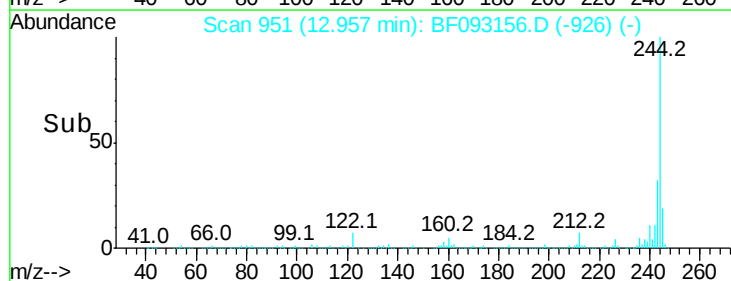
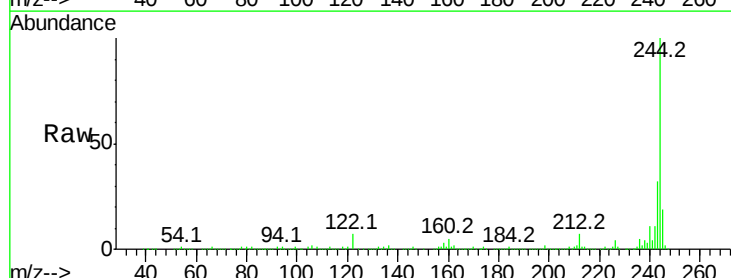
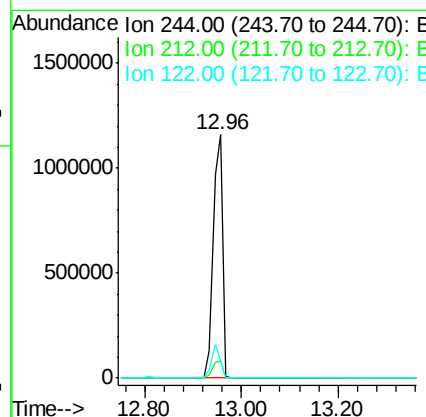
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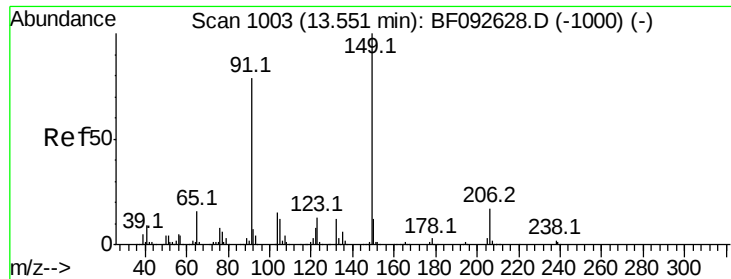
mohammad
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#78
Terphenyl-d14
Concen: 83.71 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.1	11.4	17.2#





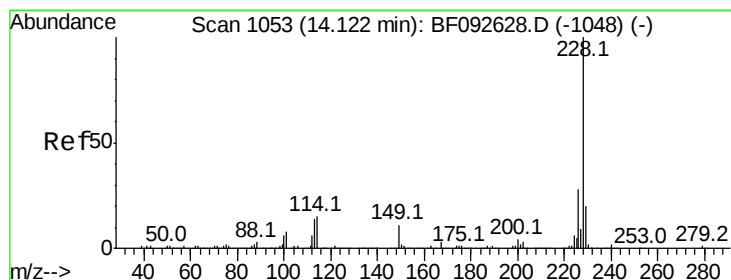
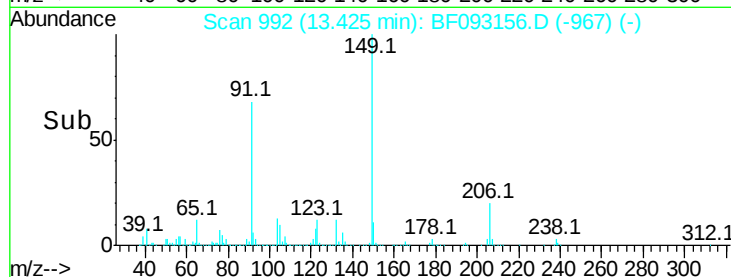
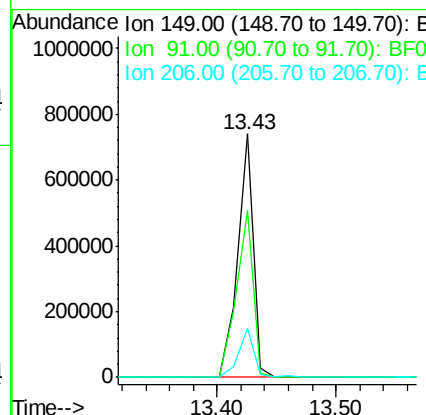
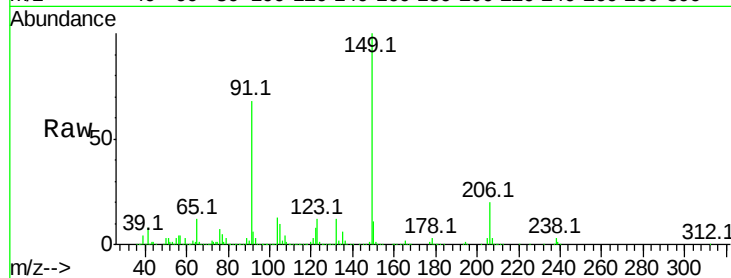
#79
Butylbenzylphthalate
Concen: 50.39 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	63.9	95.9
206	20.1	14.6	21.8

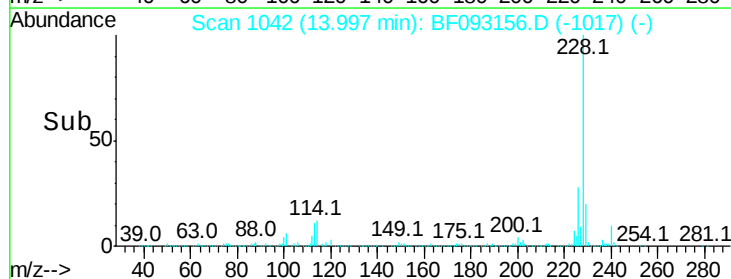
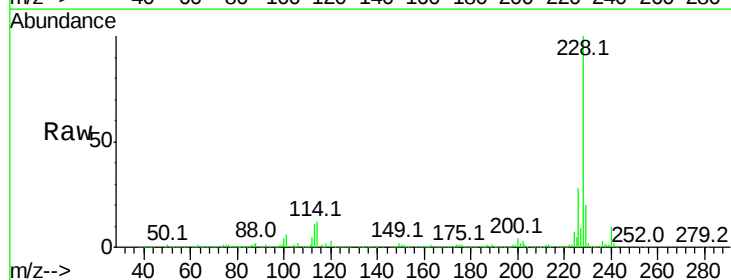
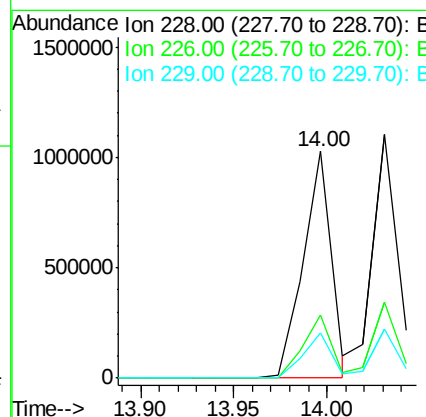
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#80
Benzo(a)anthracene
Concen: 40.01 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	19.8	16.2	24.4





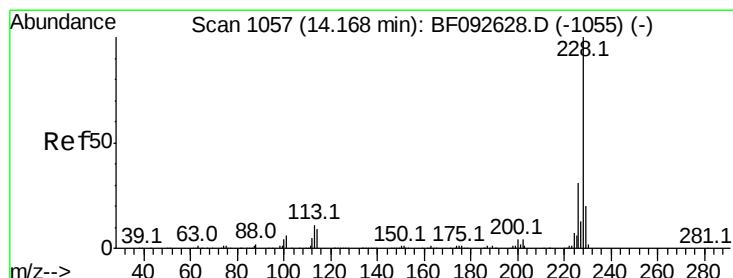
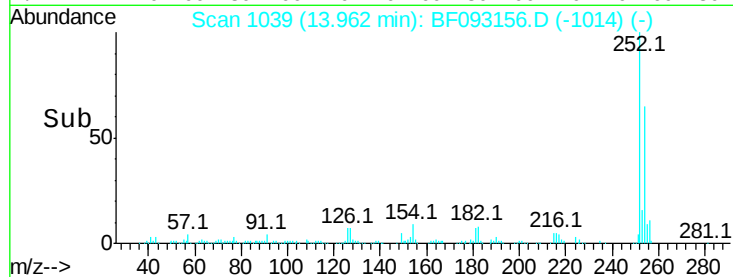
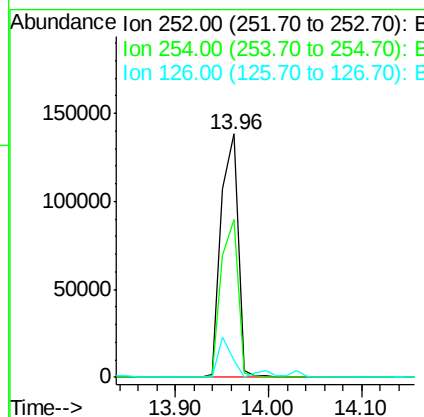
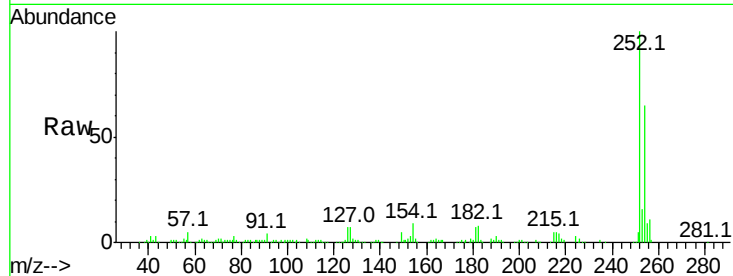
#81
 3,3'-Dichlorobenzidine
 Concen: 18.14 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	7.0	13.6	20.4

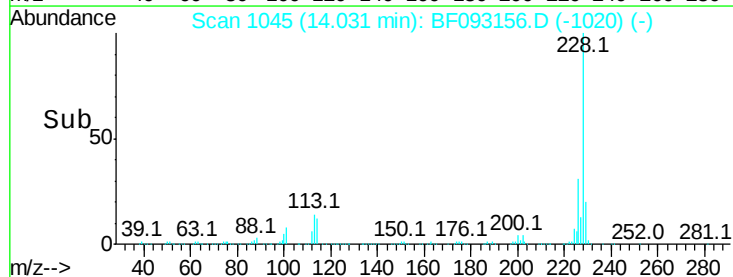
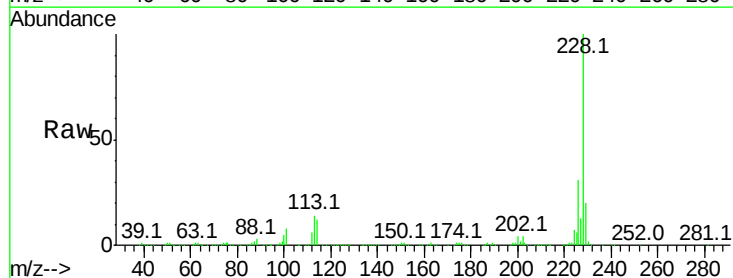
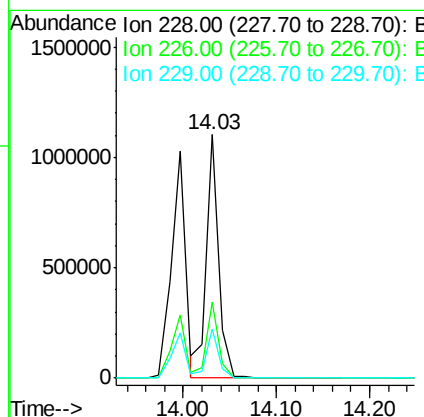
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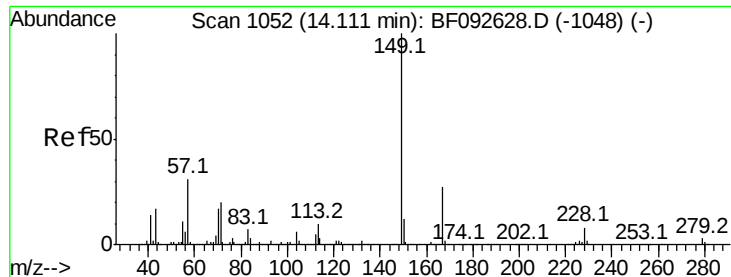
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#82
 Chrysene
 Concen: 40.65 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.3	16.2	24.2





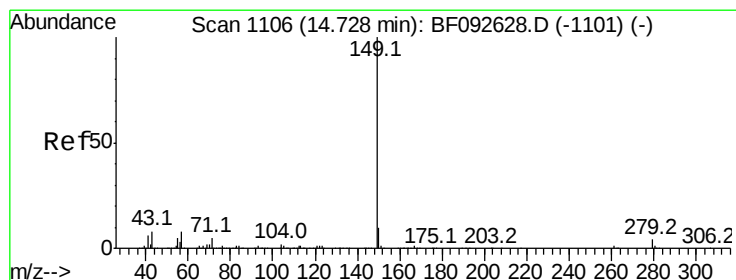
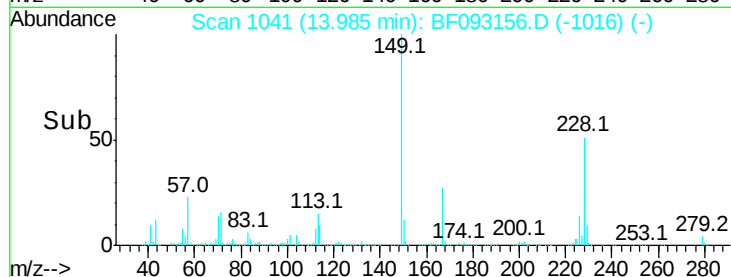
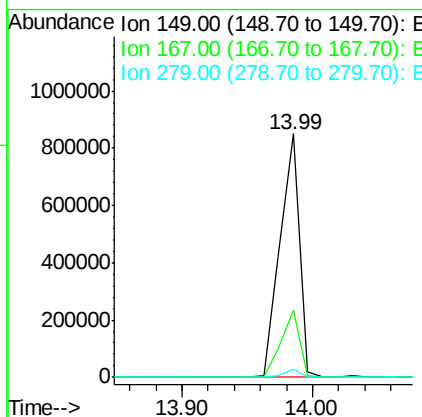
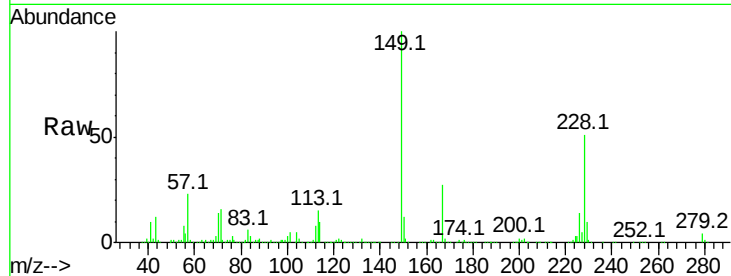
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.53 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	891261		
167	27.5	20.2	30.4	
279	3.6	1.8	2.8#	

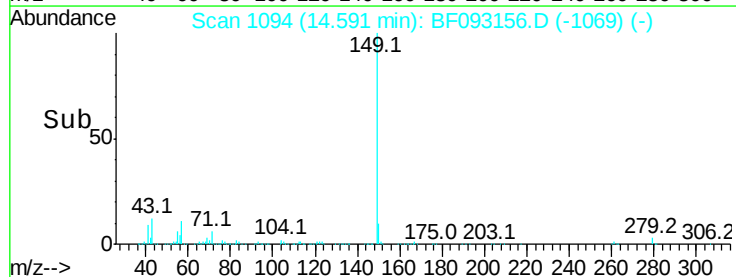
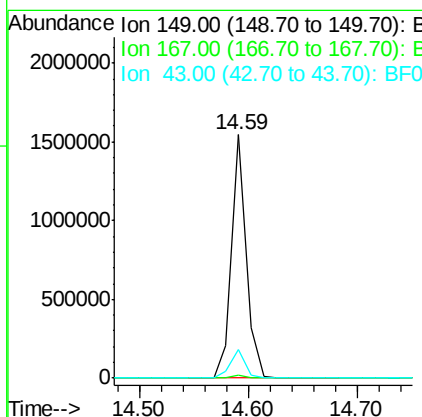
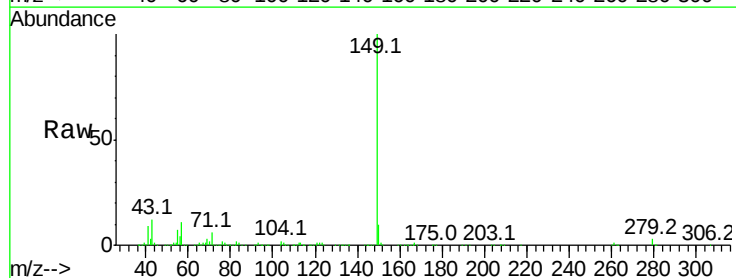
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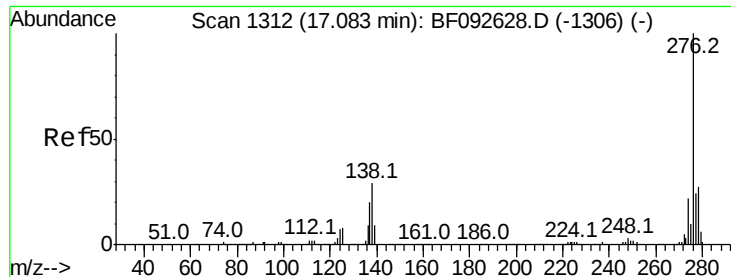
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#84
 Di-n-octyl phthalate
 Concen: 47.89 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093156.D
 Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1432213		
167	1.5	1.3	1.9	
43	11.9	8.9	13.3	





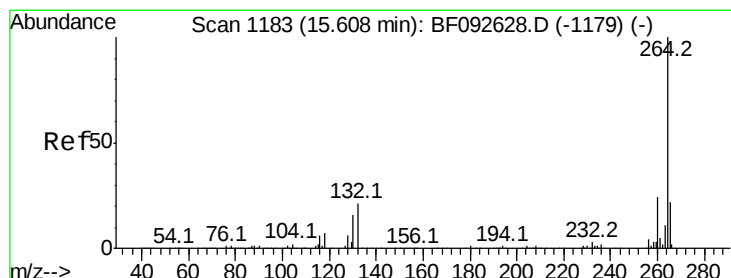
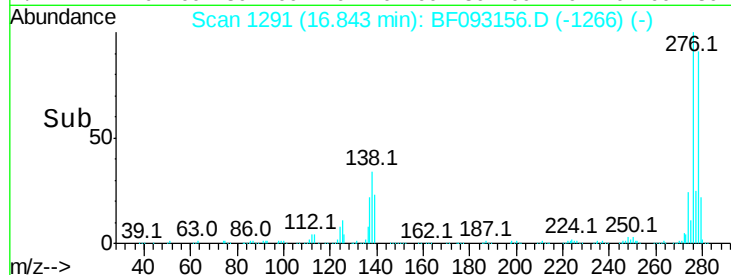
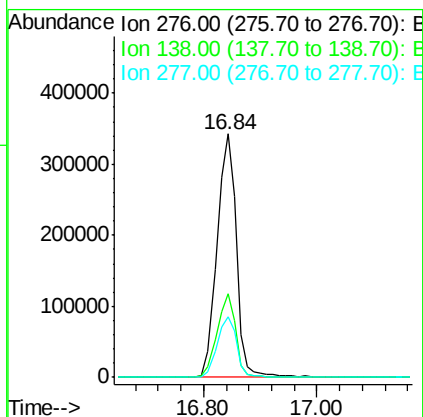
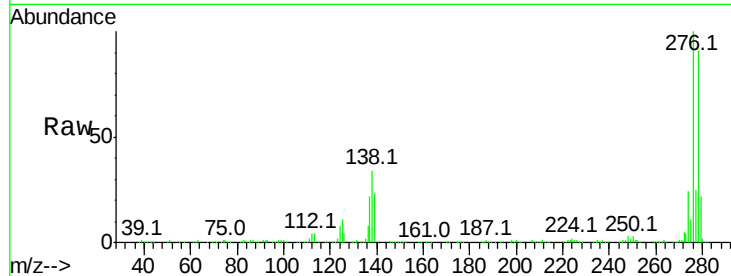
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.20 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.2	20.2	30.4

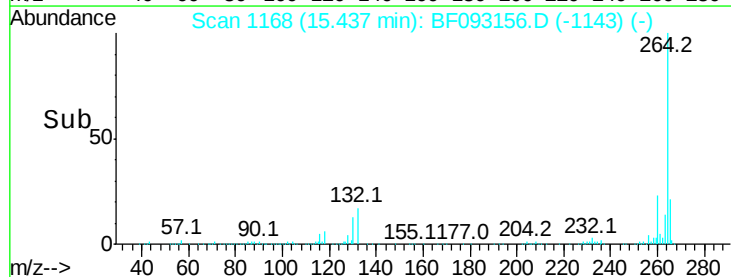
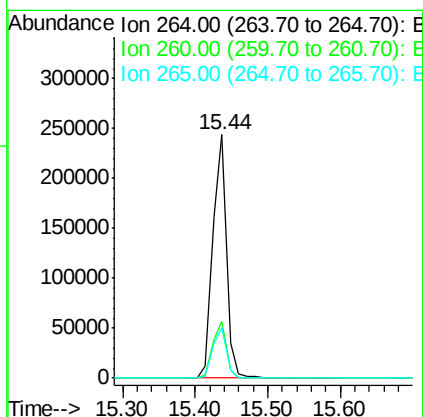
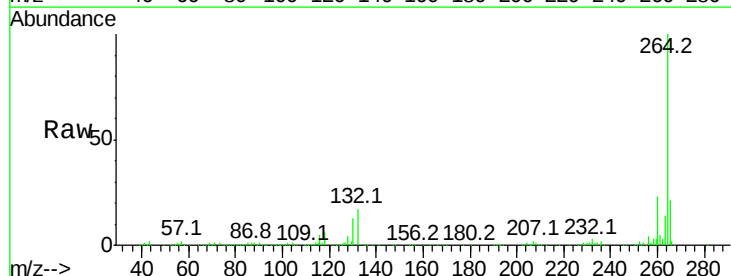
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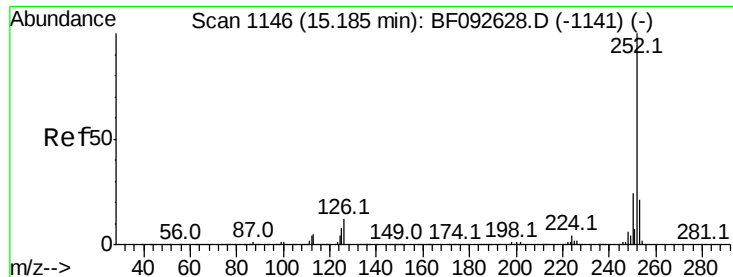
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.02 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

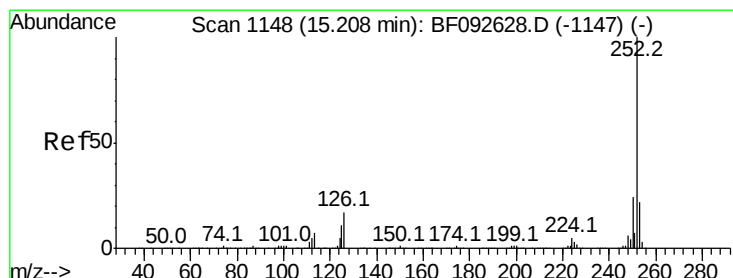
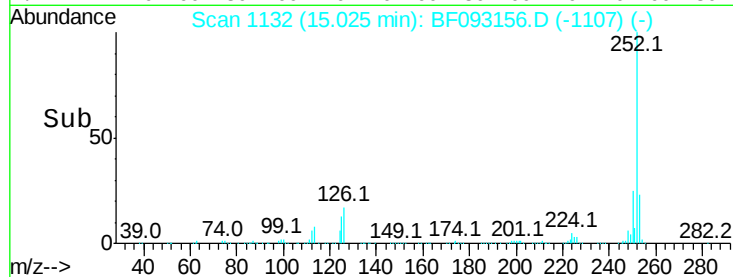
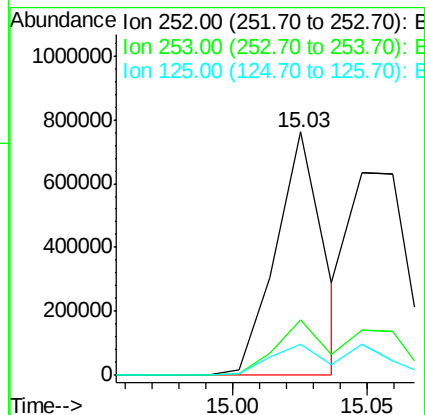
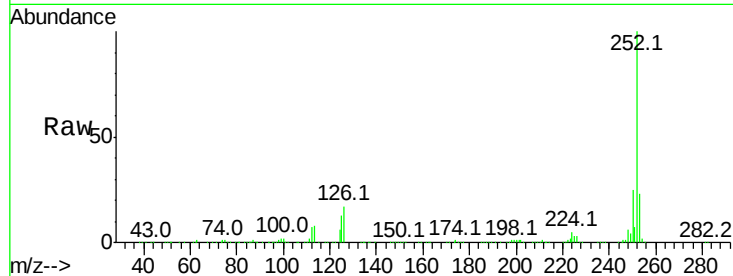
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	252	Resp:	943173
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	12.6	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 50.02 ng m

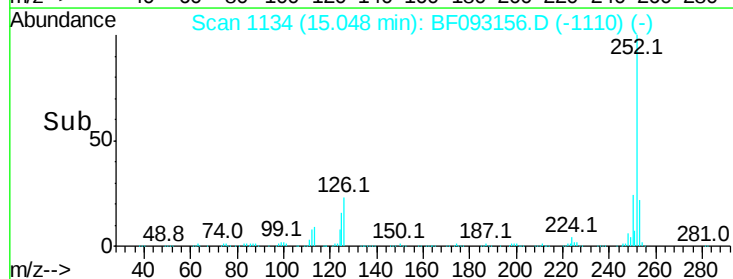
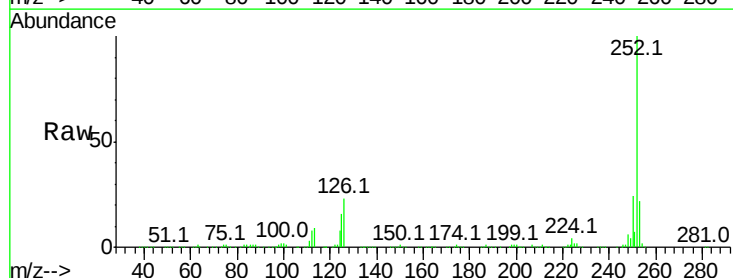
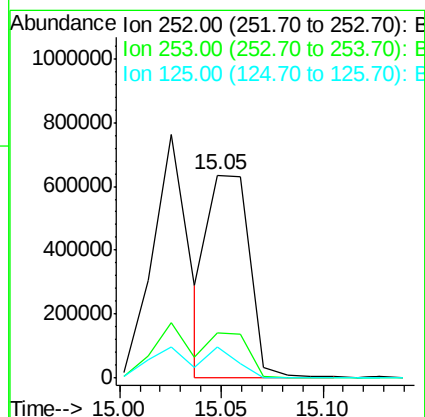
RT: 15.05 min Scan# 1134

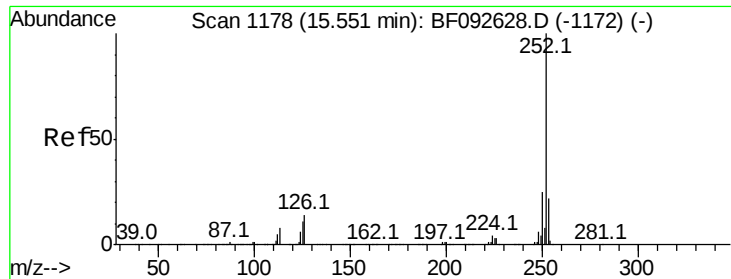
Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Tgt Ion:	252	Resp:	904966
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	15.6	8.9	13.3#





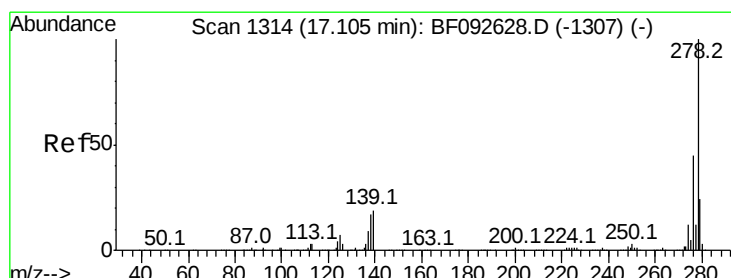
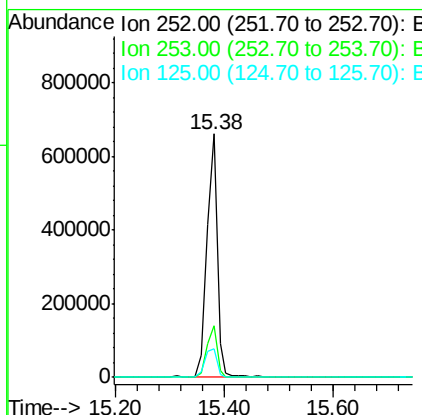
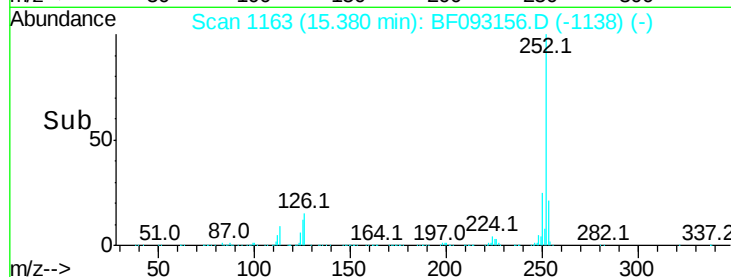
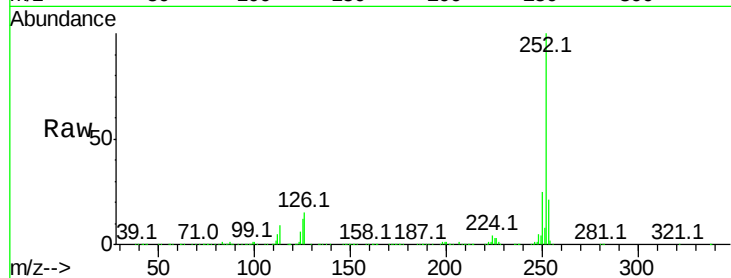
#89
Benzo(a)pyrene
Concen: 47.82 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.7	10.0	15.0

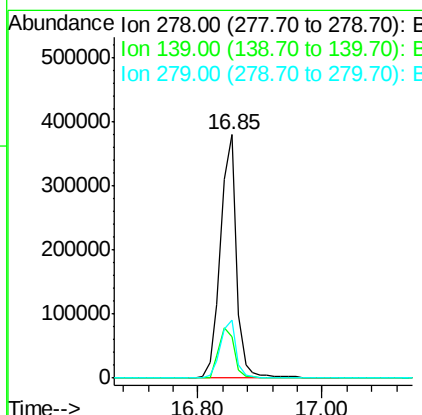
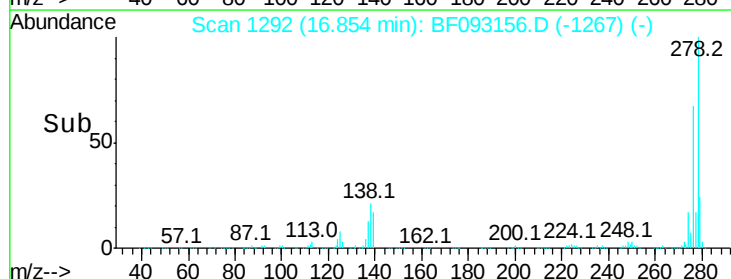
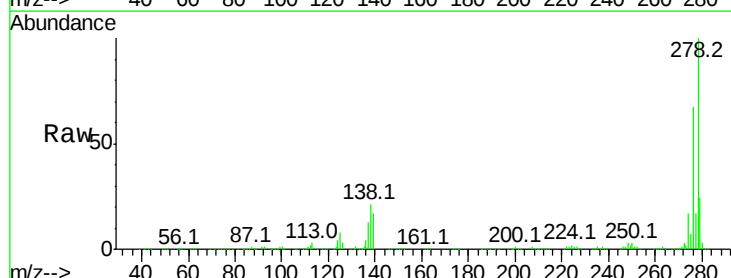
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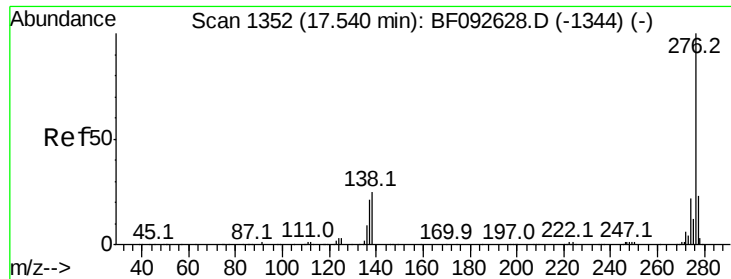
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#90
Dibenzo(a,h)anthracene
Concen: 46.04 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093156.D
Acq: 24 Feb 2017 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.8	22.2
279	23.7	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 46.90 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093156.D

Acq: 24 Feb 2017 20:38

Instrument :

BNA_F

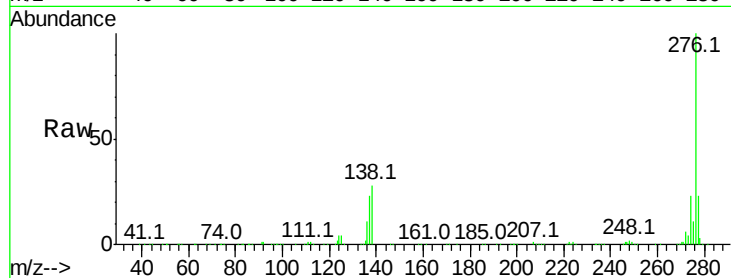
ClientSampleId :

SRI-SB-6(8-10)20170222MS

Tot Ion:	276	Resp:	693950
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.2	28.8
138	27.9	16.0	24.0

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

